

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081735.D
 Acq On : 15 Apr 2024 12:59
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 15 15:14:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	264434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	417828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	63552	17.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	34.160%#		
35) Dibromofluoromethane	8.171	113	54049	17.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.480%#		
50) Toluene-d8	10.565	98	196650	17.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.040%#		
62) 4-Bromofluorobenzene	12.847	95	67456	17.591	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	35.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62419	18.639	ug/l	100
3) Chloromethane	2.359	50	63076	20.620	ug/l	97
4) Vinyl Chloride	2.518	62	76319	18.621	ug/l	99
5) Bromomethane	2.954	94	47779	19.294	ug/l	98
6) Chloroethane	3.118	64	53390	20.470	ug/l	99
7) Trichlorofluoromethane	3.501	101	81587	15.415	ug/l	97
8) Diethyl Ether	3.954	74	43557	23.444	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	74197	22.382	ug/l	90
10) Methyl Iodide	4.583	142	36752	20.656	ug/l	91
11) Tert butyl alcohol	5.512	59	49567	97.653	ug/l	99
12) 1,1-Dichloroethene	4.342	96	73186	23.294	ug/l	97
13) Acrolein	4.177	56	62134	115.150	ug/l	98
14) Allyl chloride	5.024	41	82776	20.634	ug/l	92
15) Acrylonitrile	5.718	53	141698	101.156	ug/l	97
16) Acetone	4.424	43	104558	100.959	ug/l	98
17) Carbon Disulfide	4.712	76	171411	18.771	ug/l	97
18) Methyl Acetate	5.030	43	56840	19.622	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	183788	20.099	ug/l	96
20) Methylene Chloride	5.271	84	67298	20.727	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	63382	20.086	ug/l	91
22) Diisopropyl ether	6.677	45	181833	20.956	ug/l	97
23) Vinyl Acetate	6.606	43	706717	104.344	ug/l	100
24) 1,1-Dichloroethane	6.571	63	111364	19.507	ug/l	98
25) 2-Butanone	7.489	43	165575	96.980	ug/l	100
26) 2,2-Dichloropropane	7.489	77	97359	19.564	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	74593	19.324	ug/l	95
28) Bromochloromethane	7.812	49	47412	19.452	ug/l	98
29) Tetrahydrofuran	7.841	42	110772	100.285	ug/l	97
30) Chloroform	7.971	83	122165	18.871	ug/l	95
31) Cyclohexane	8.259	56	98686	19.333	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	115446	20.111	ug/l	97
36) 1,1-Dichloropropene	8.371	75	85815	20.221	ug/l	98
37) Ethyl Acetate	7.565	43	74262	21.295	ug/l	97
38) Carbon Tetrachloride	8.359	117	101405	20.538	ug/l	94
39) Methylcyclohexane	9.600	83	101596	20.321	ug/l	89
40) Benzene	8.606	78	264466	20.005	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38872	20.534	ug/l	97
42) 1,2-Dichloroethane	8.671	62	93454	20.279	ug/l	100
43) Isopropyl Acetate	8.688	43	125793	19.335	ug/l	99
44) Trichloroethene	9.353	130	71762	20.874	ug/l	98
45) 1,2-Dichloropropane	9.624	63	63982	20.992	ug/l	98
46) Dibromomethane	9.706	93	49162	19.326	ug/l	98
47) Bromodichloromethane	9.888	83	99295	20.433	ug/l	97
48) Methyl methacrylate	9.683	41	54747	20.646	ug/l	97
49) 1,4-Dioxane	9.694	88	25952	390.221	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	376974	104.175	ug/l	98
52) Toluene	10.630	92	174113	20.735	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	96100	19.852	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	105845	20.526	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	63362	20.087	ug/l	95
56) Ethyl methacrylate	10.877	69	90584	20.871	ug/l	98
57) 1,3-Dichloropropane	11.165	76	108367	20.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	222430	96.856	ug/l	100
59) 2-Hexanone	11.194	43	272296	103.946	ug/l	100
60) Dibromochloromethane	11.365	129	78329	20.544	ug/l	97
61) 1,2-Dibromoethane	11.471	107	67176	20.416	ug/l	97
64) Tetrachloroethene	11.106	164	69892	19.716	ug/l	99
65) Chlorobenzene	11.894	112	195105	20.293	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	67107	20.461	ug/l	97
67) Ethyl Benzene	11.965	91	313575	20.720	ug/l	99
68) m/p-Xylenes	12.071	106	251975	42.817	ug/l	100
69) o-Xylene	12.400	106	118811	21.067	ug/l	97
70) Styrene	12.412	104	200568	21.708	ug/l	99
71) Bromoform	12.576	173	49974	19.746	ug/l #	99
73) Isopropylbenzene	12.694	105	308498	21.289	ug/l	100
74) N-amyl acetate	12.494	43	104889	19.888	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	84694	19.893	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	78809m	19.748	ug/l	
77) Bromobenzene	12.982	156	75409	20.412	ug/l	99
78) n-propylbenzene	13.035	91	359895	21.403	ug/l	99
79) 2-Chlorotoluene	13.123	91	217853	20.785	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	256985	21.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30761	20.523	ug/l	97
82) 4-Chlorotoluene	13.223	91	215139	20.777	ug/l	99
83) tert-Butylbenzene	13.441	119	226316	21.829	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	268648	22.499	ug/l	98
85) sec-Butylbenzene	13.618	105	318954	22.046	ug/l	98
86) p-Isopropyltoluene	13.729	119	269188	22.700	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143883	20.837	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	141841	20.571	ug/l	98
89) n-Butylbenzene	14.059	91	216475	20.879	ug/l	99
90) Hexachloroethane	14.335	117	51463	20.387	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	138979	20.795	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17170	20.434	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70362	19.986	ug/l	97
94) Hexachlorobutadiene	15.506	225	31278	20.610	ug/l	99
95) Naphthalene	15.641	128	237263	21.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74175	20.607	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual Integrations

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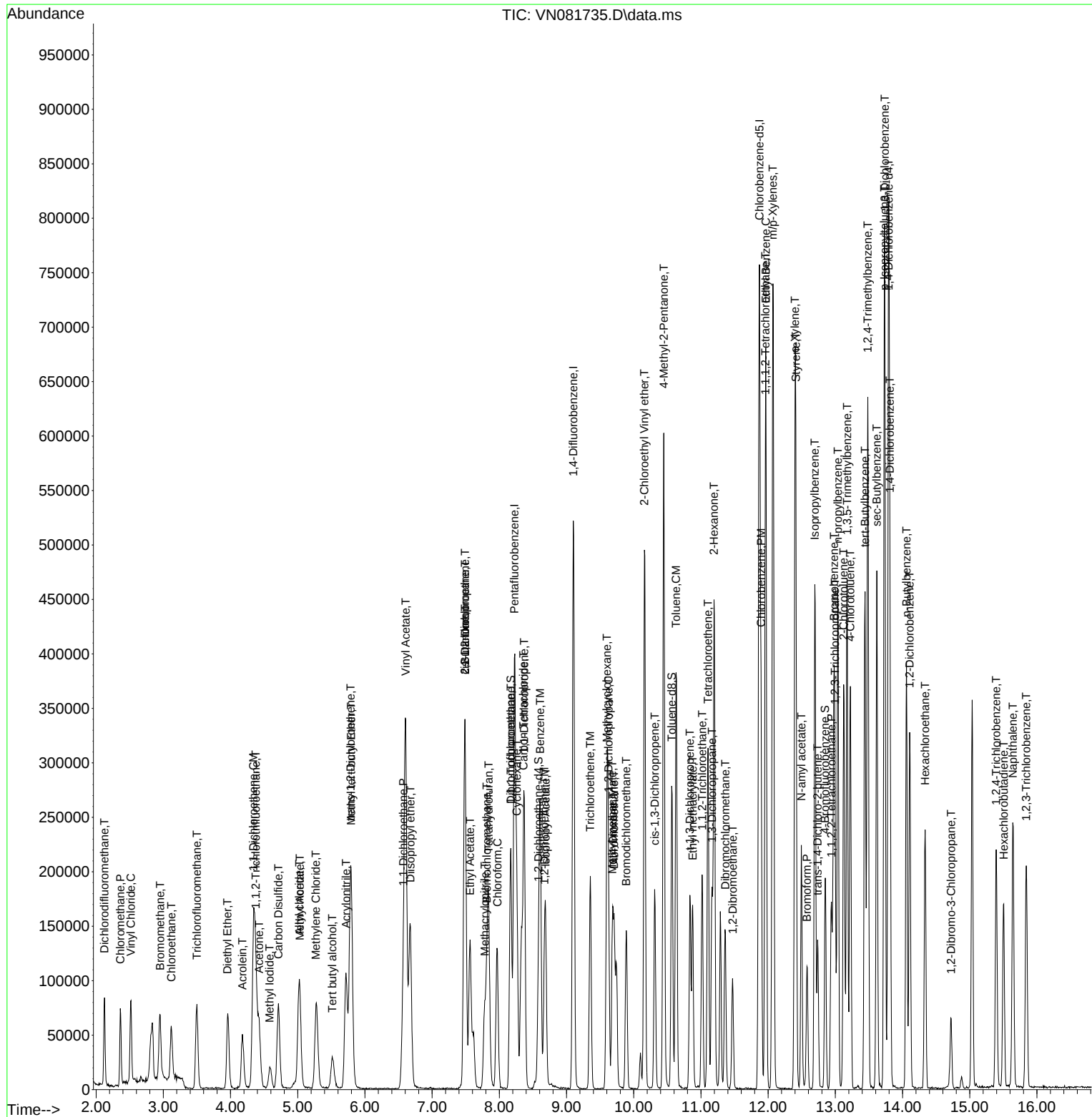
Quant Time: Apr 15 15:14:03 2024

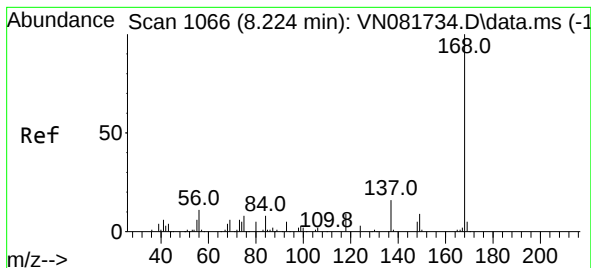
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M

Quant Title : SW846 8260

QLast Update : Mon Apr 15 15:10:03 2024

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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VSTDIC020

Tgt Ion:168 Resp: 264434

Ion Ratio Lower Upper

168 100

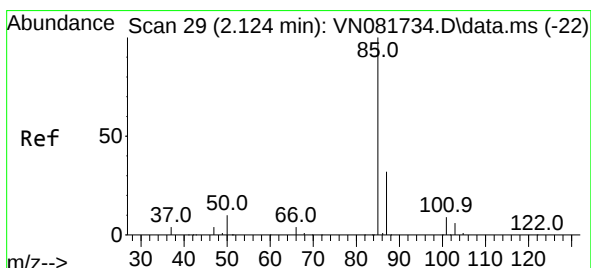
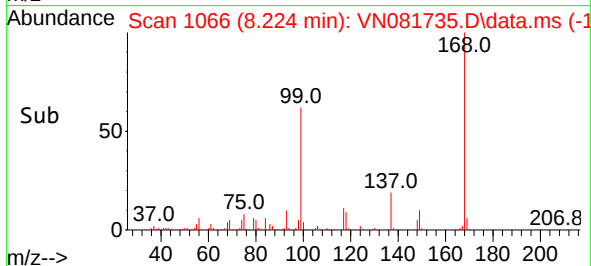
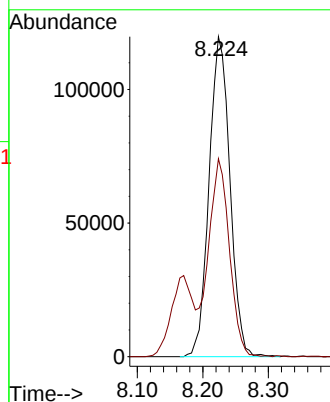
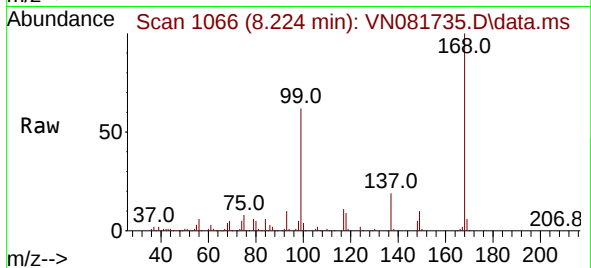
99 61.6 48.2 72.4

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 18.639 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081735.D

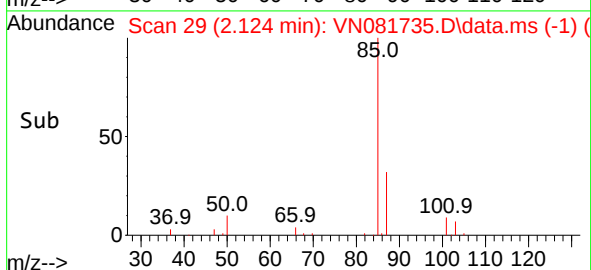
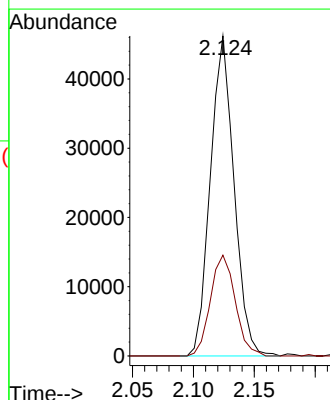
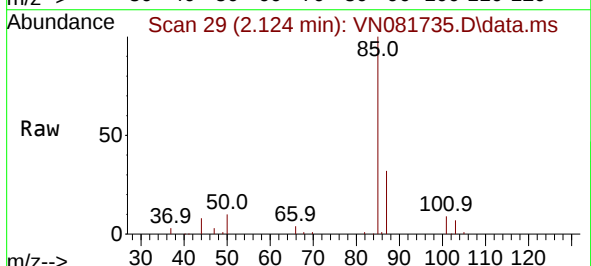
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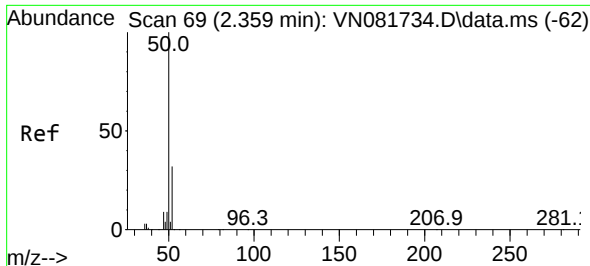
Tgt Ion: 85 Resp: 62419

Ion Ratio Lower Upper

85 100

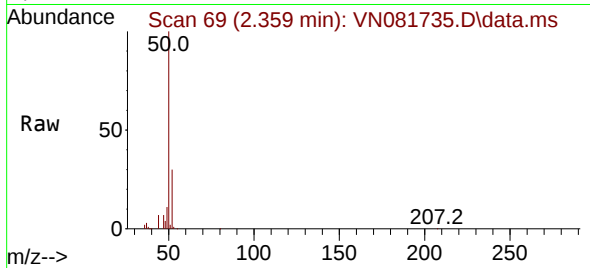
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 20.620 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

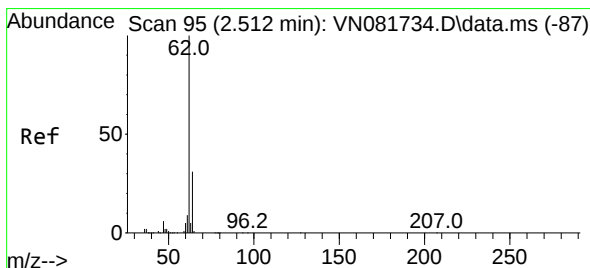
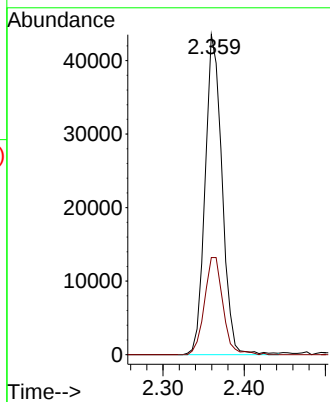
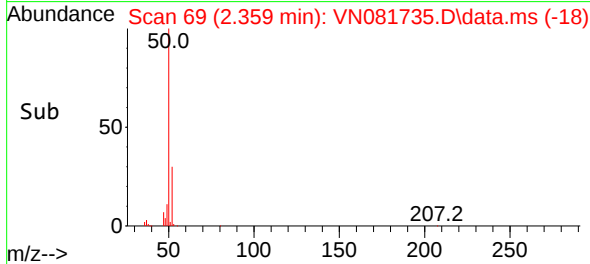
Instrument :
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ClientSampleId :
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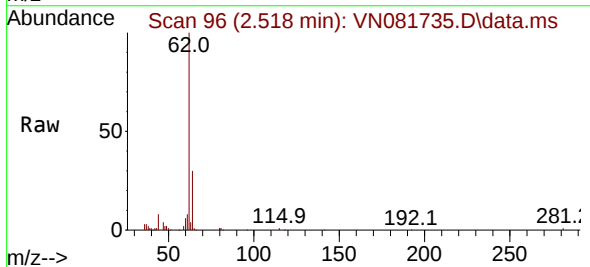
Tgt Ion: 50 Resp: 63070
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

Manual Integrations
APPROVED

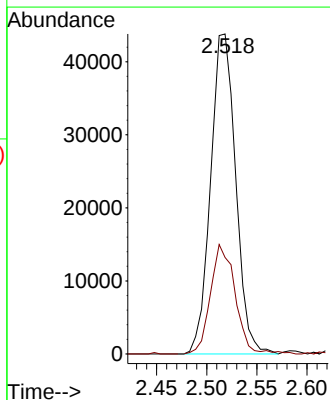
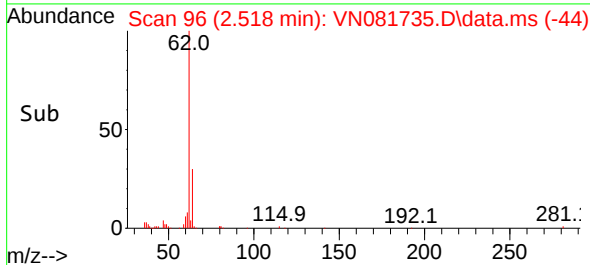
Reviewed By :John Carlone 04/15/2024
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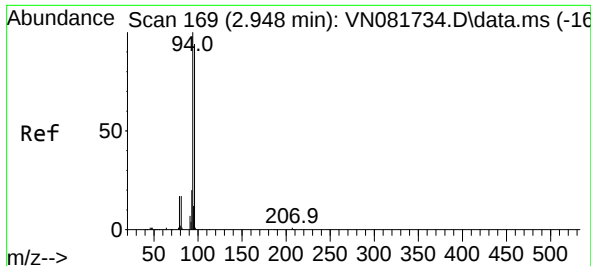


#4
Vinyl Chloride
Concen: 18.621 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



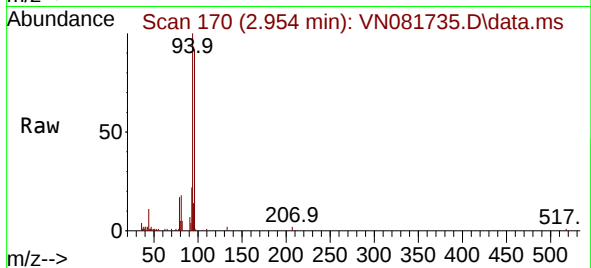
Tgt Ion: 62 Resp: 76319
Ion Ratio Lower Upper
62 100
64 30.1 24.6 37.0





#5
Bromomethane
Concen: 19.294 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081735.D
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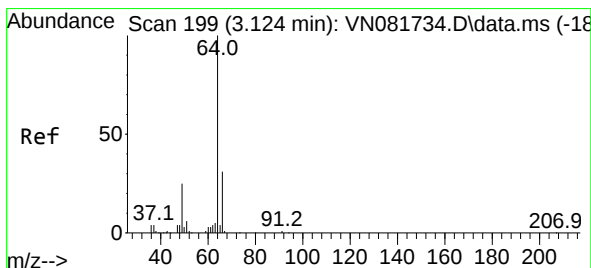
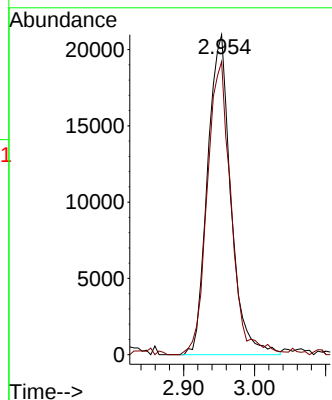
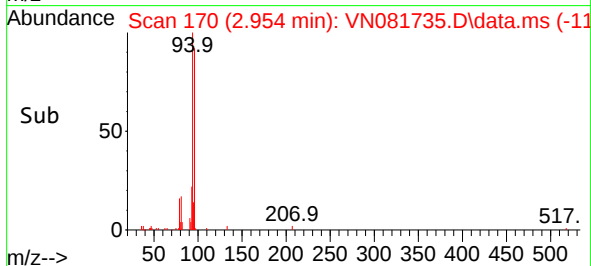
Instrument :
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Tgt Ion: 94 Resp: 47779
Ion Ratio Lower Upper
94 100
96 91.6 74.8 112.2

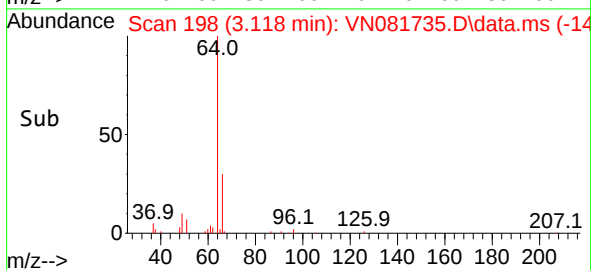
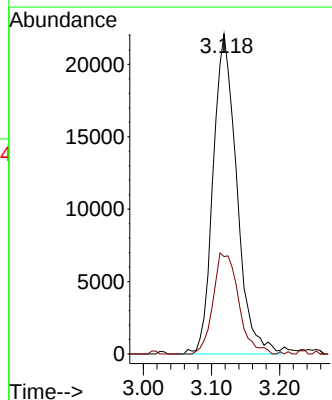
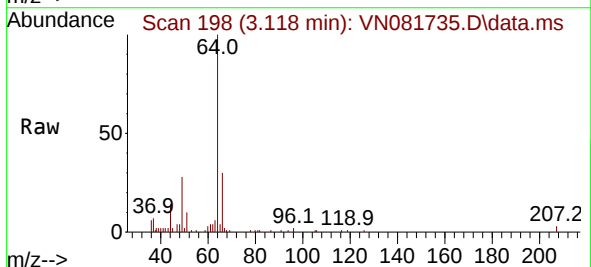
Manual Integrations
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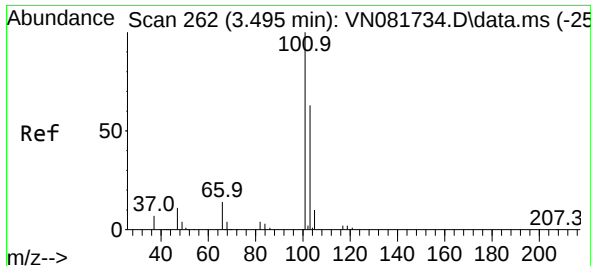
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#6
Chloroethane
Concen: 20.470 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 64 Resp: 53390
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1





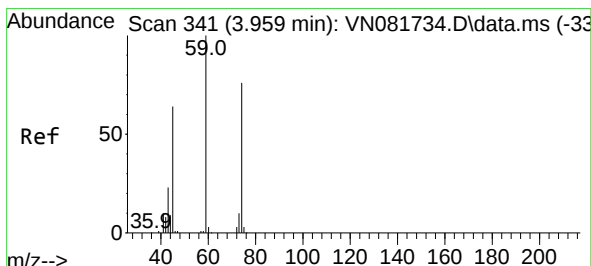
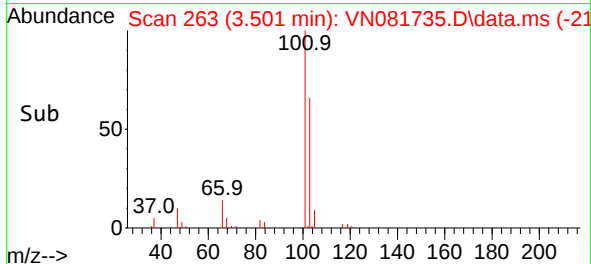
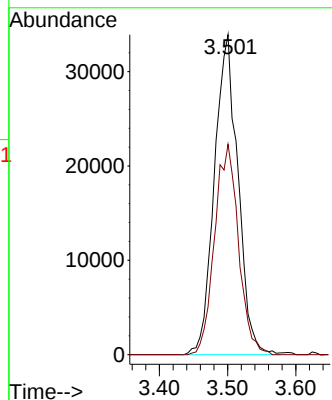
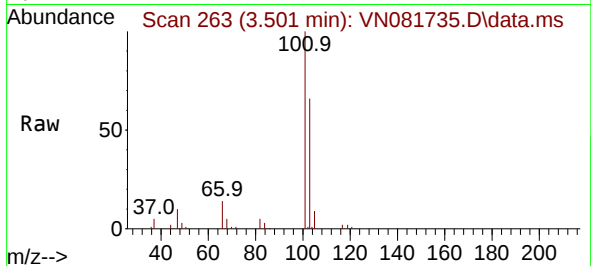
#7
Trichlorofluoromethane
Concen: 15.415 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 8158
Ion Ratio Lower Upper
101 100
103 65.7 50.6 75.8

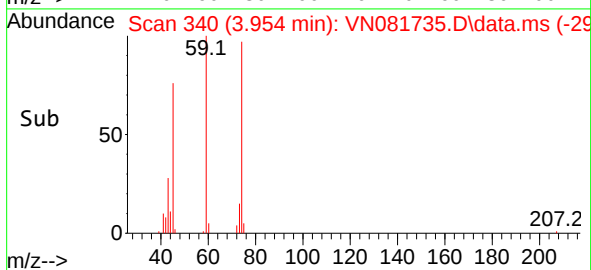
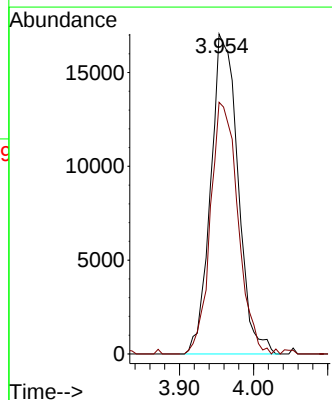
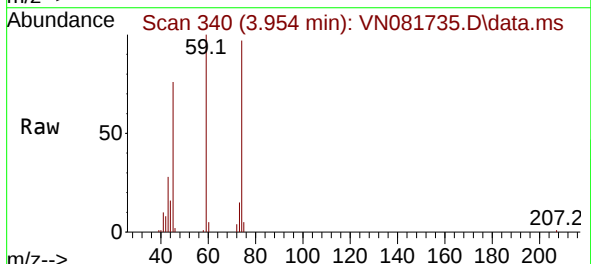
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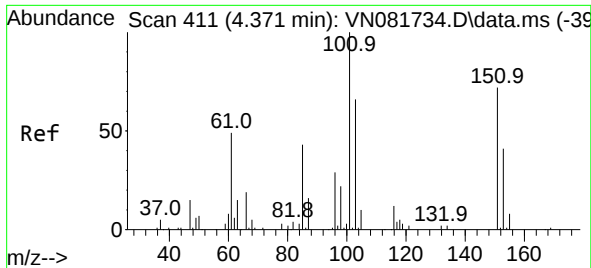
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#8
Diethyl Ether
Concen: 23.444 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 74 Resp: 43557
Ion Ratio Lower Upper
74 100
45 79.2 42.4 127.3





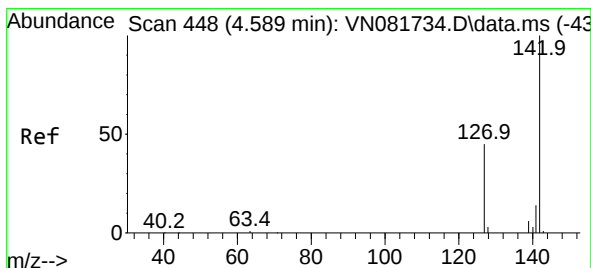
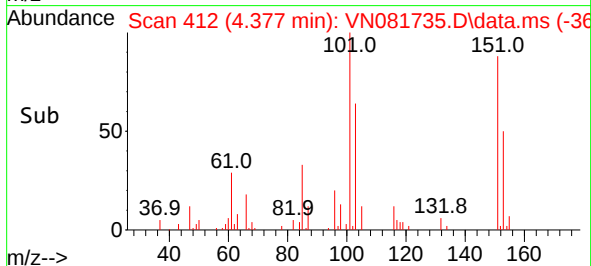
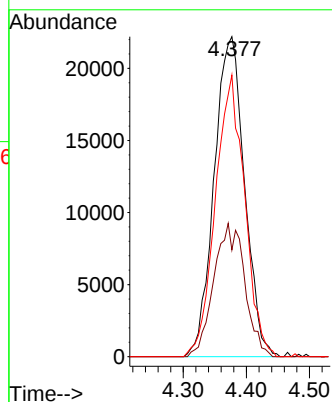
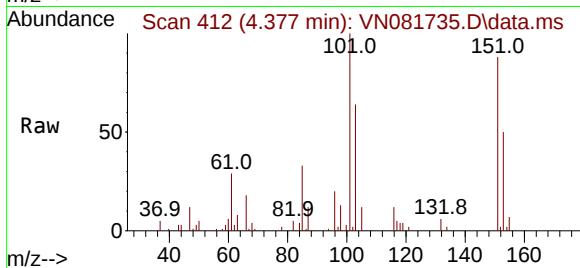
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.382 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 7419
Ion Ratio Lower Upper
101 100
85 42.2 37.3 55.9
151 84.8 59.2 88.8

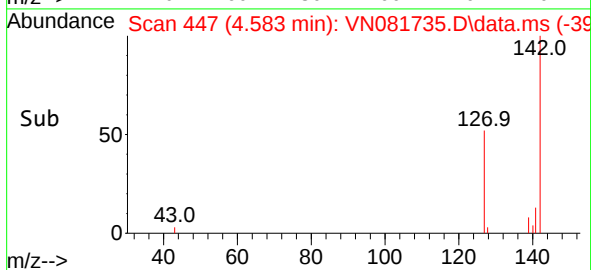
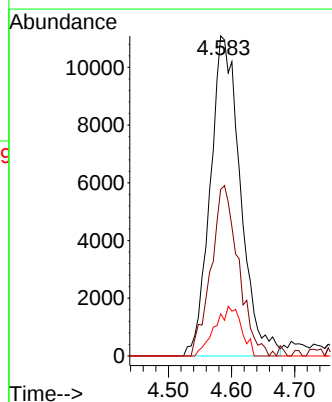
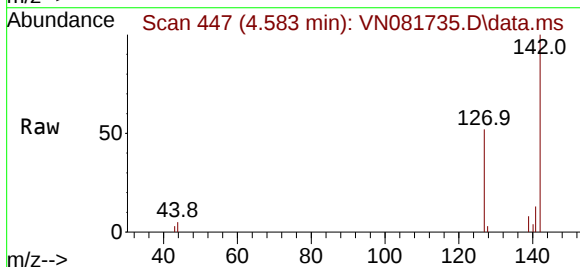
Manual Integrations
APPROVED

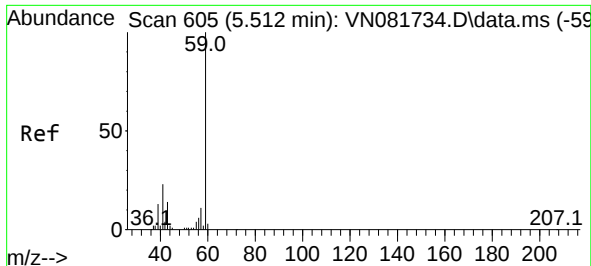
Reviewed By :John Carbone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#10
Methyl Iodide
Concen: 20.656 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

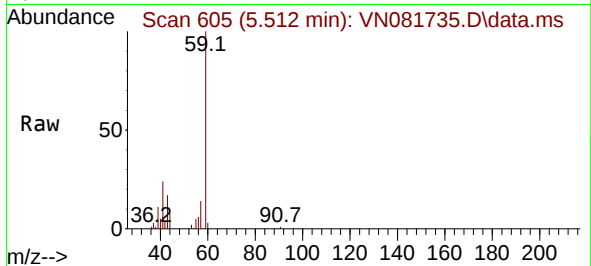
Tgt Ion:142 Resp: 36752
Ion Ratio Lower Upper
142 100
127 52.1 35.8 53.6
141 13.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 97.653 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

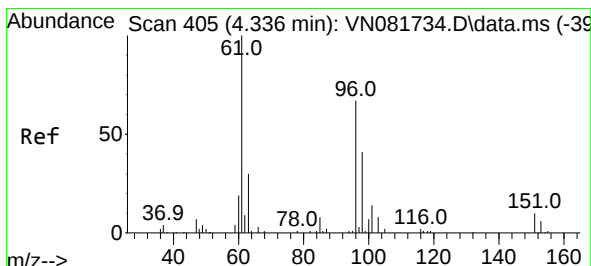
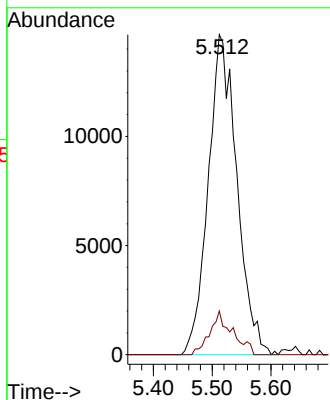
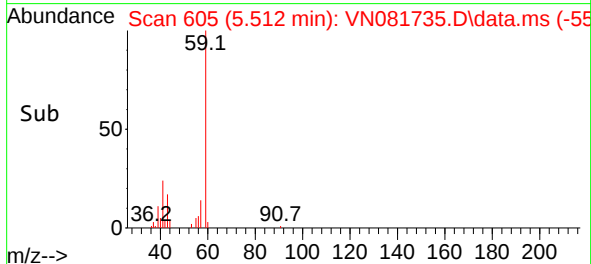
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



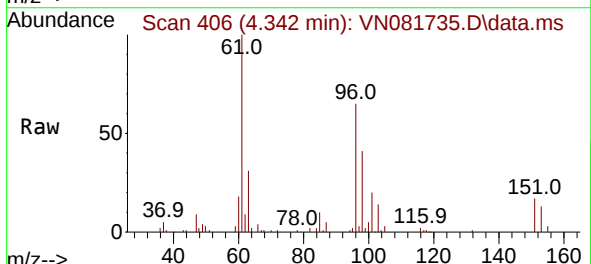
Tgt Ion: 59 Resp: 4956
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

Manual Integrations
APPROVED

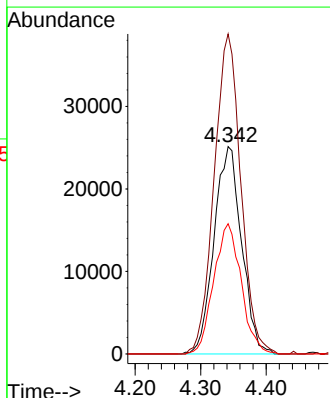
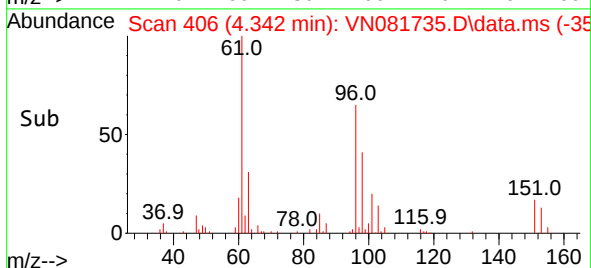
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

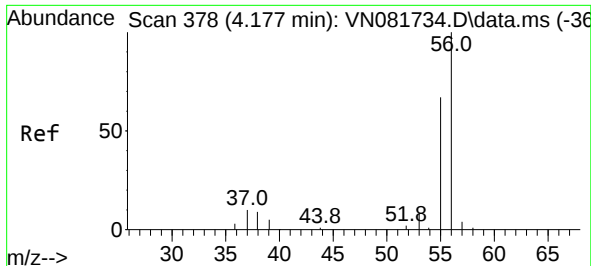


#12
1,1-Dichloroethene
Concen: 23.294 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



Tgt Ion: 96 Resp: 73186
Ion Ratio Lower Upper
96 100
61 154.3 119.7 179.5
98 62.8 49.6 74.4





#13

Acrolein

Concen: 115.150 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 62134

Ion Ratio Lower Upper

56 100

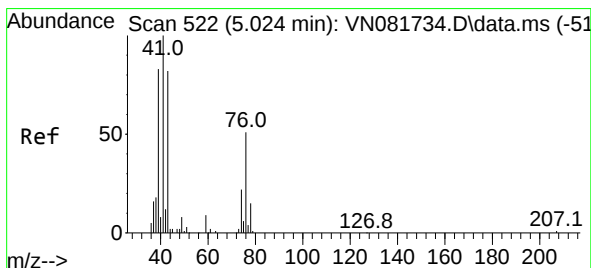
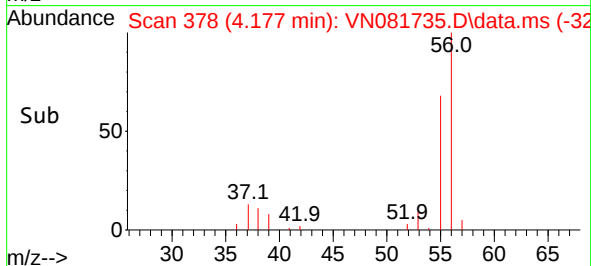
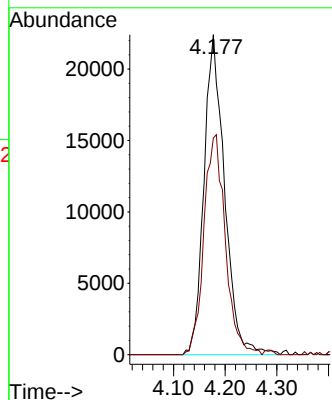
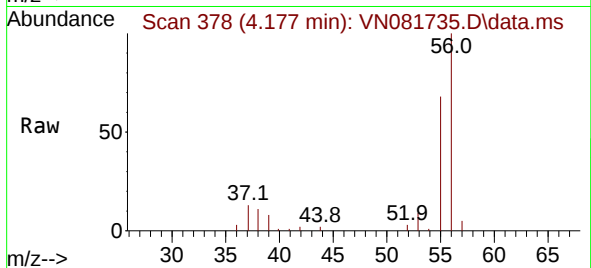
55 71.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#14

Allyl chloride

Concen: 20.634 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

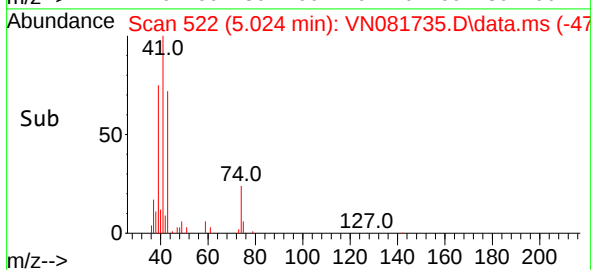
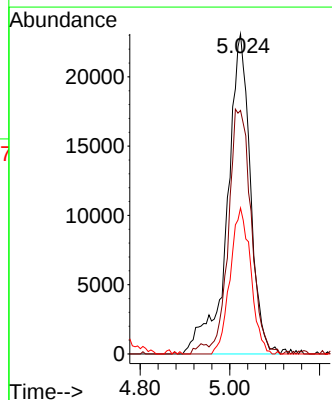
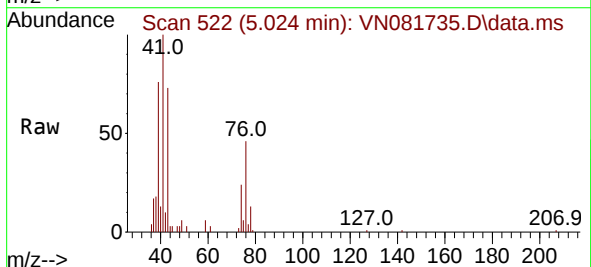
Tgt Ion: 41 Resp: 82776

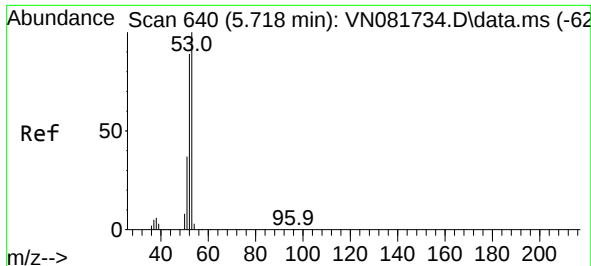
Ion Ratio Lower Upper

41 100

39 74.4 65.4 98.0

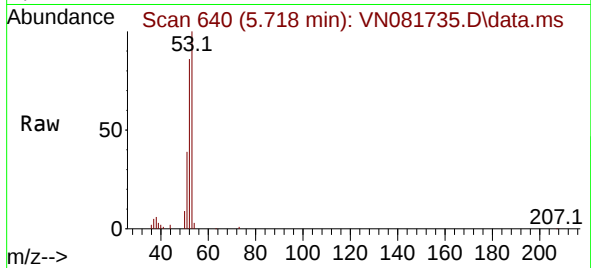
76 40.6 37.3 55.9





#15
Acrylonitrile
Concen: 101.156 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

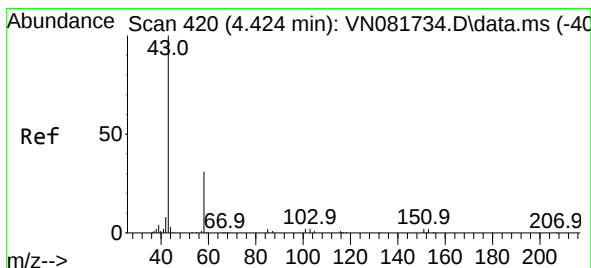
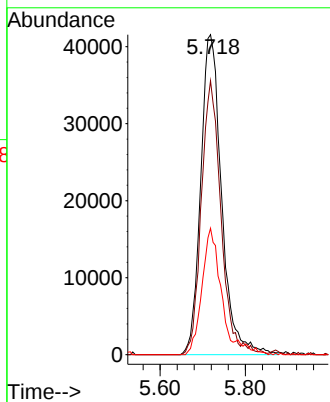
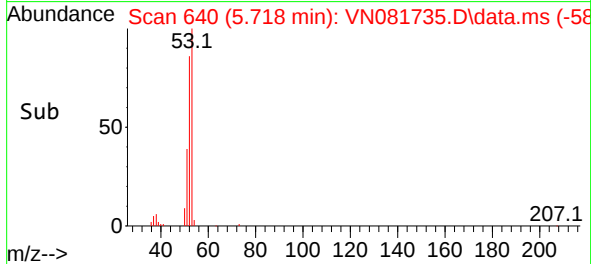
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 141698
Ion Ratio Lower Upper
53 100
52 78.7 66.1 99.1
51 37.3 29.4 44.2

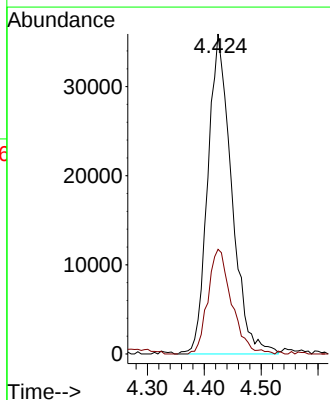
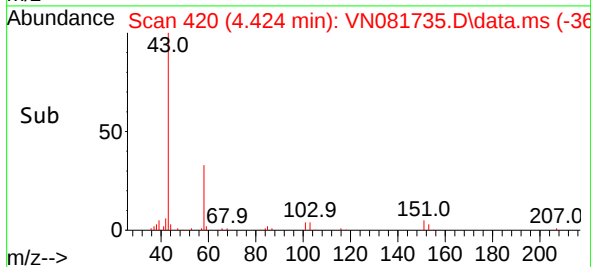
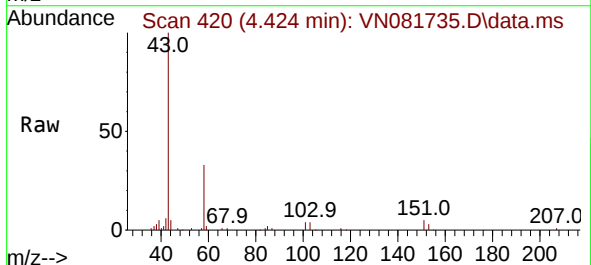
Manual Integrations
APPROVED

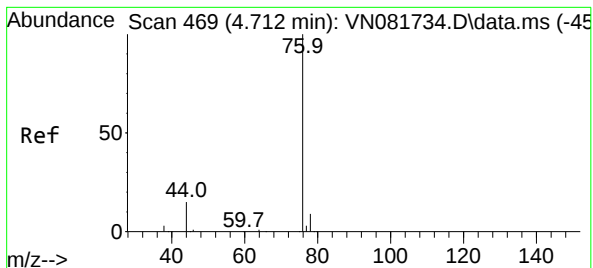
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#16
Acetone
Concen: 100.959 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 43 Resp: 104558
Ion Ratio Lower Upper
43 100
58 32.7 25.2 37.8





#17

Carbon Disulfide

Concen: 18.771 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 17141

Ion Ratio Lower Upper

76 100

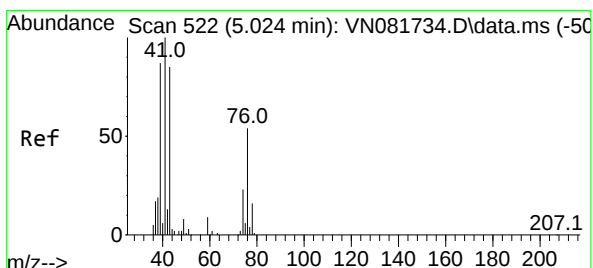
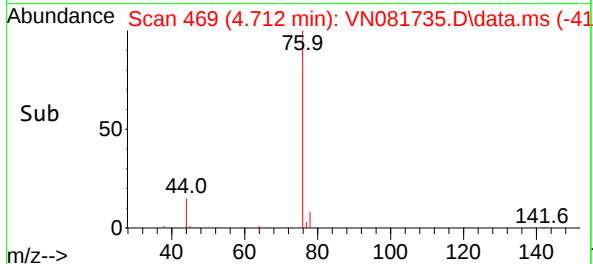
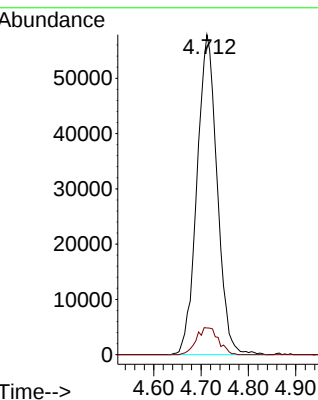
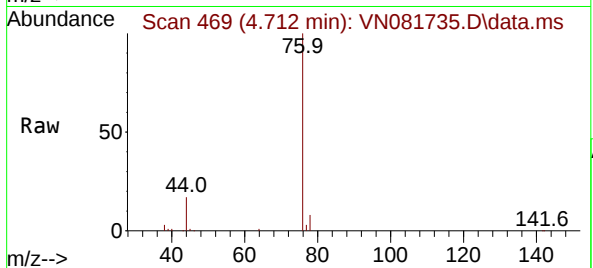
78 8.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#18

Methyl Acetate

Concen: 19.622 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN081735.D

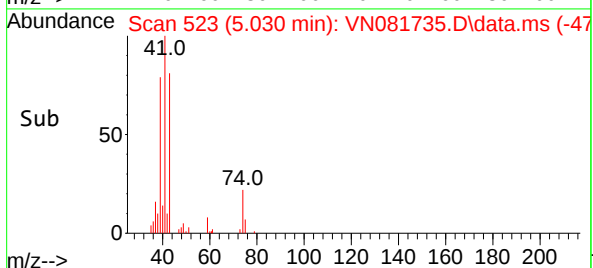
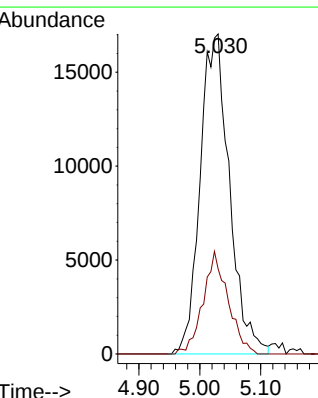
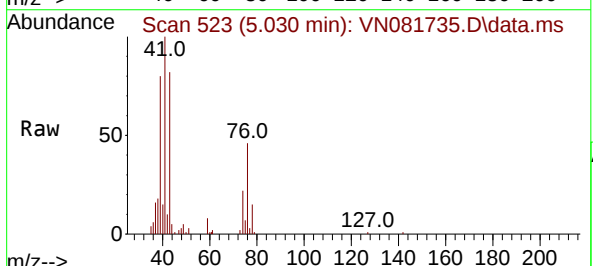
Acq: 15 Apr 2024 12:59

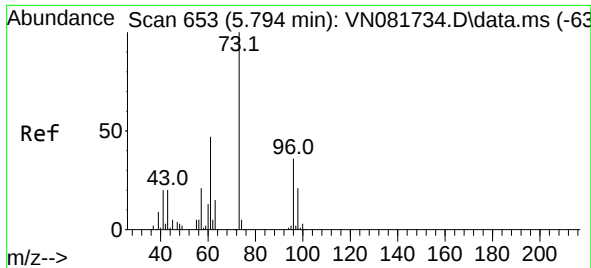
Tgt Ion: 43 Resp: 56840

Ion Ratio Lower Upper

43 100

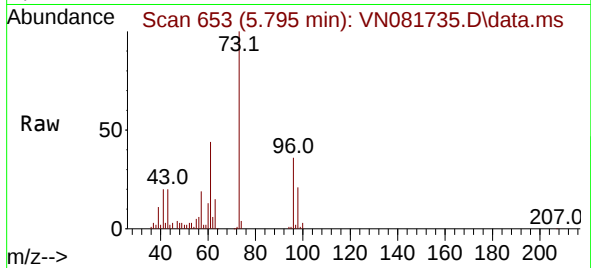
74 27.4 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 20.099 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

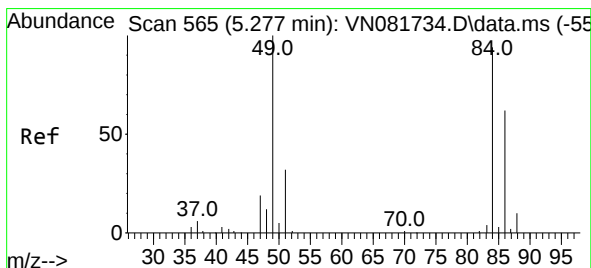
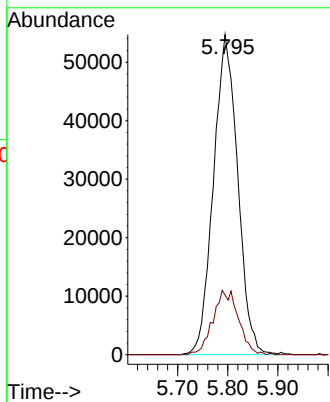
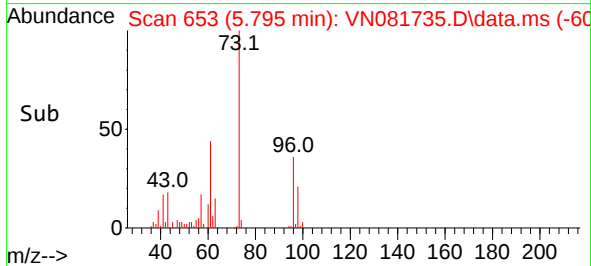
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



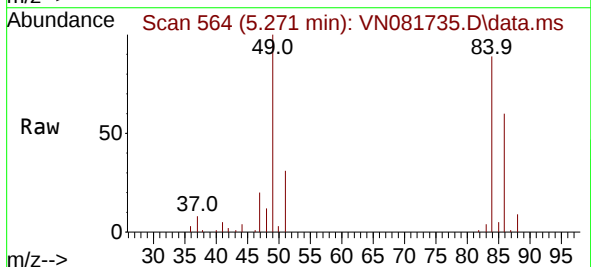
Tgt Ion: 73 Resp: 18378
Ion Ratio Lower Upper
73 100
57 18.6 16.5 24.7

Manual Integrations
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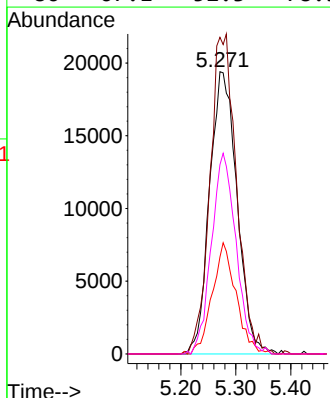
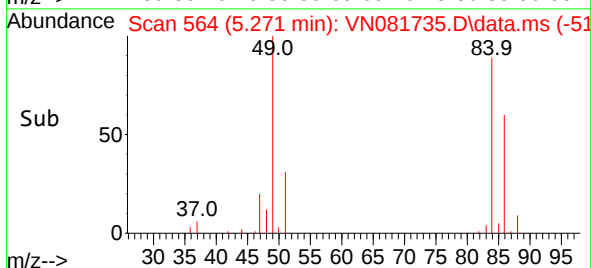
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

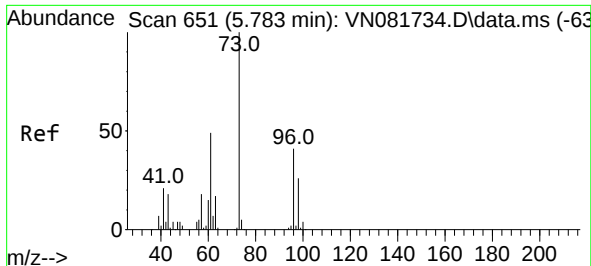


#20
Methylene Chloride
Concen: 20.727 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



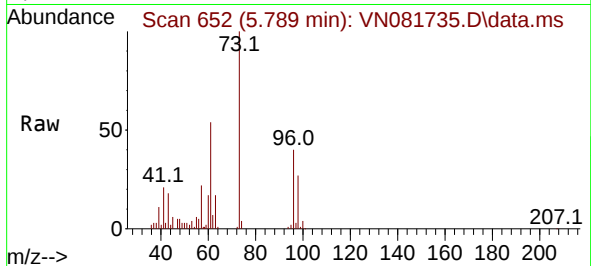
Tgt Ion: 84 Resp: 67298
Ion Ratio Lower Upper
84 100
49 112.2 84.9 127.3
51 34.4 27.0 40.6
86 67.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

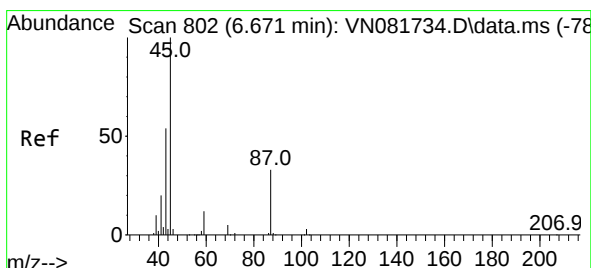
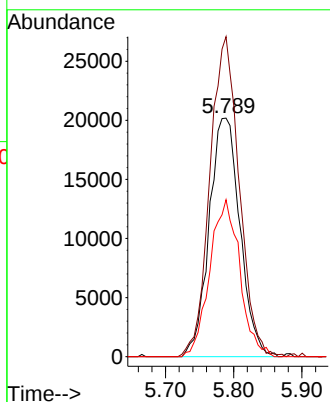
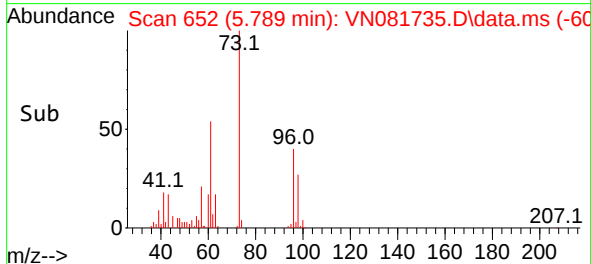
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



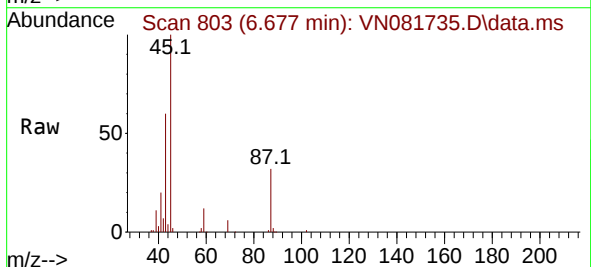
Tgt Ion: 96 Resp: 6338
Ion Ratio Lower Upper
96 100
61 134.1 96.5 144.7
98 65.8 51.3 76.9

Manual Integrations
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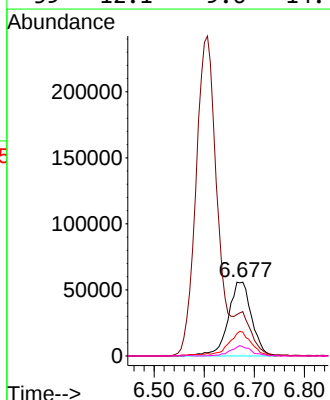
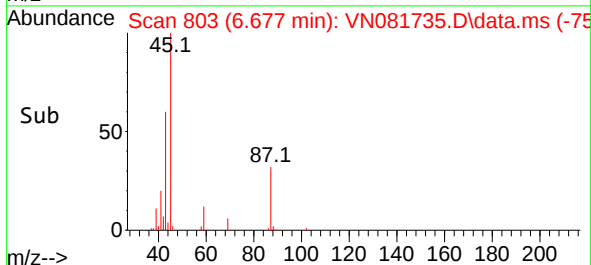
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

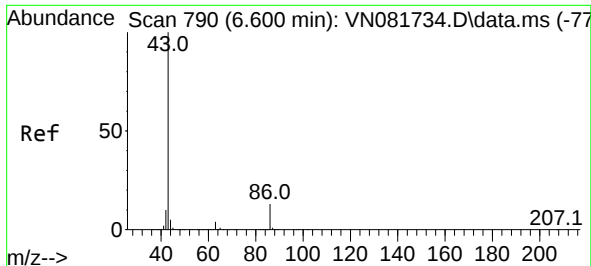


#22
Diisopropyl ether
Concen: 20.956 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



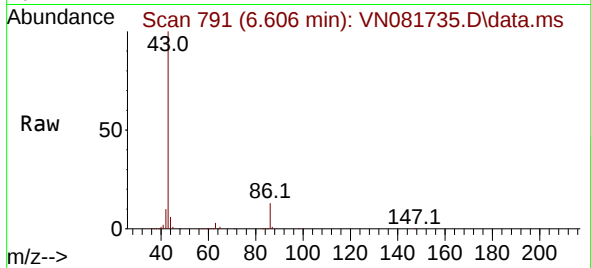
Tgt Ion: 45 Resp: 181833
Ion Ratio Lower Upper
45 100
43 58.3 44.1 66.1
87 32.1 27.0 40.6
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 104.344 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

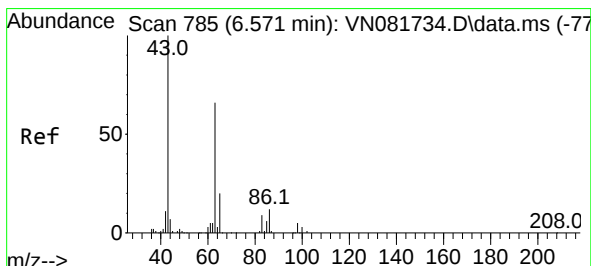
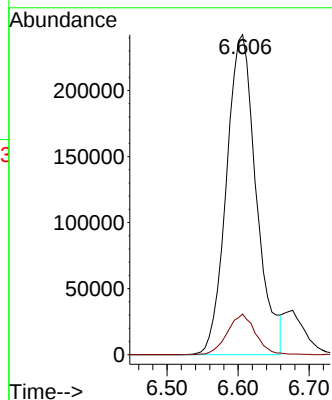
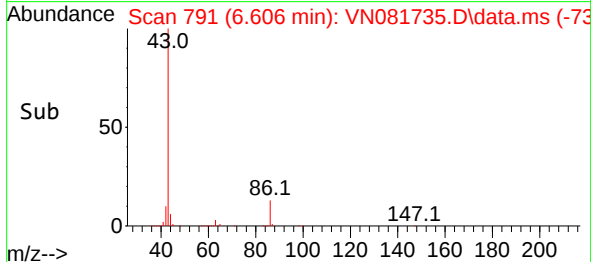
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



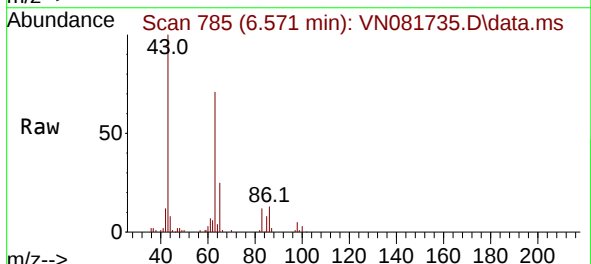
Tgt Ion: 43 Resp: 70671
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.2 15.4

Manual Integrations
 APPROVED

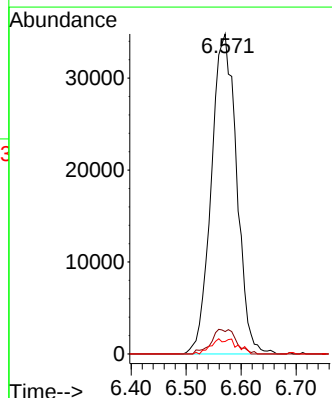
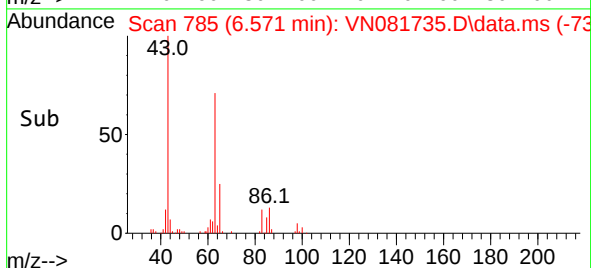
Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024

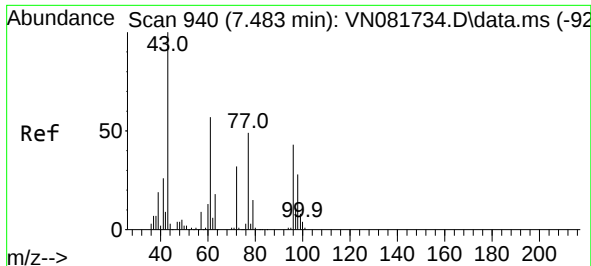


#24
 1,1-Dichloroethane
 Concen: 19.507 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59



Tgt Ion: 63 Resp: 111364
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 3.9 2.6 7.8





#25

2-Butanone

Concen: 96.980 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 16557

Ion Ratio Lower Upper

43 100

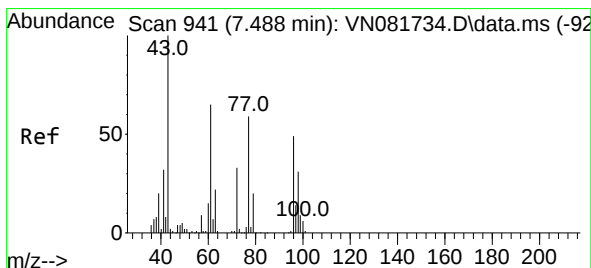
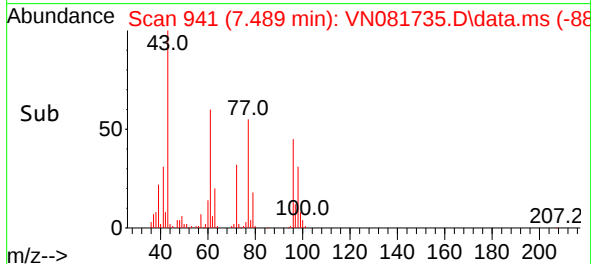
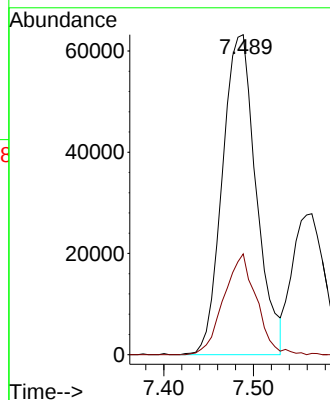
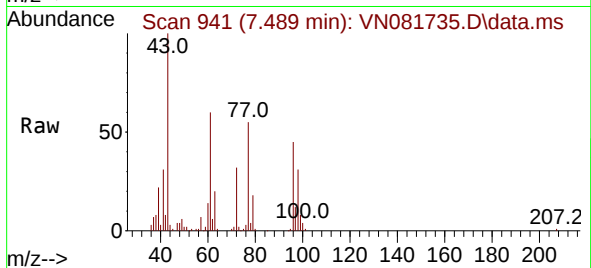
72 31.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#26

2,2-Dichloropropane

Concen: 19.564 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN081735.D

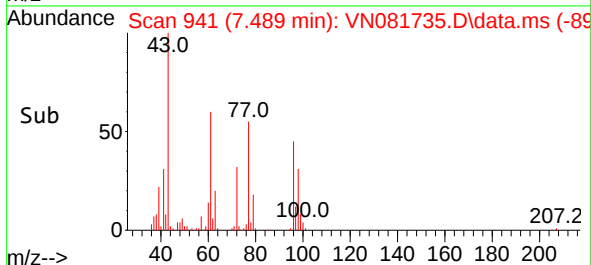
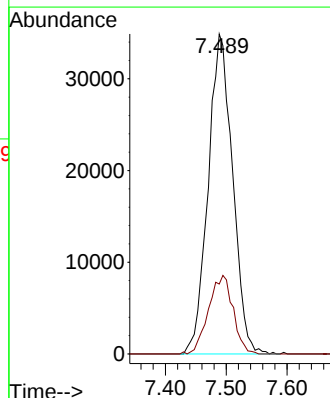
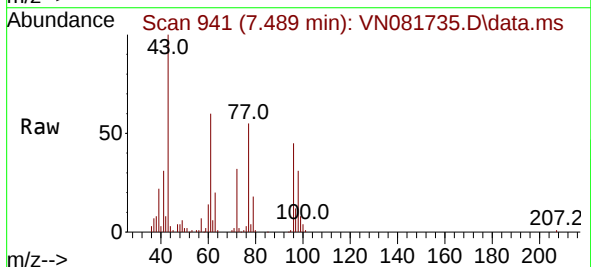
Acq: 15 Apr 2024 12:59

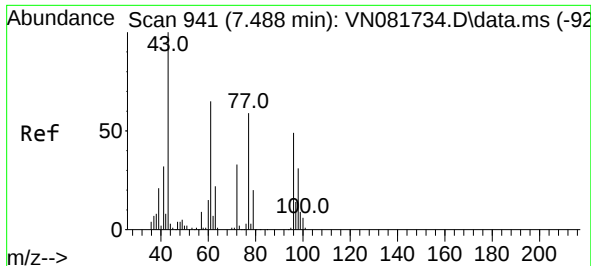
Tgt Ion: 77 Resp: 97359

Ion Ratio Lower Upper

77 100

97 24.6 11.3 33.9





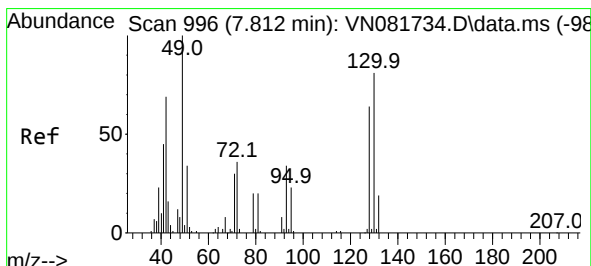
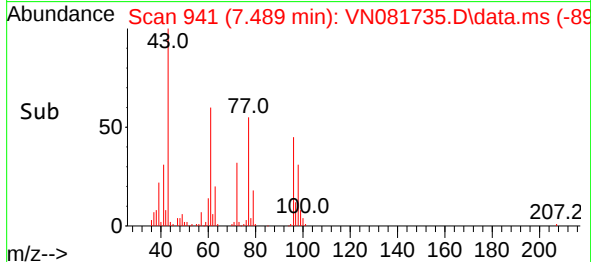
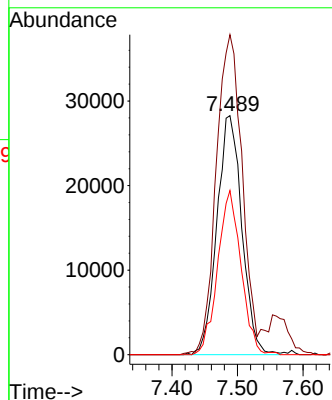
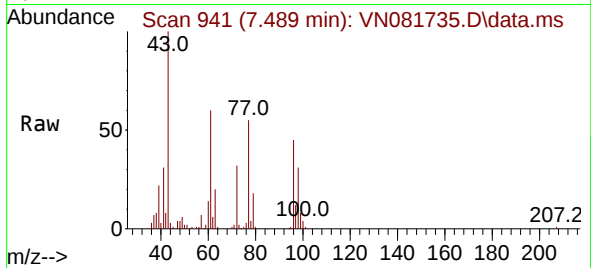
#27
 cis-1,2-Dichloroethene
 Concen: 19.324 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 7459
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 268.0
 98 64.4 0.0 126.8

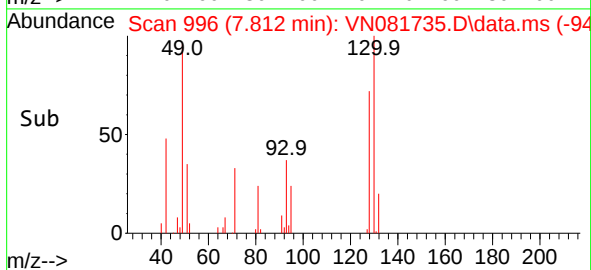
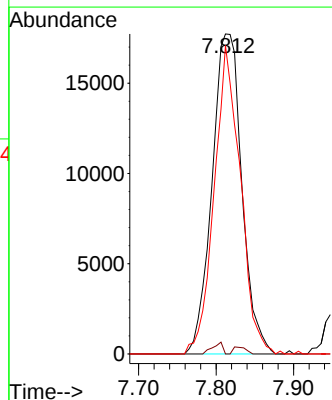
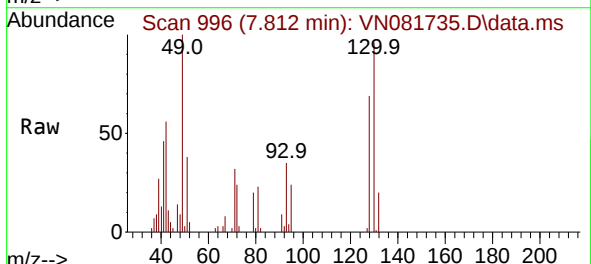
Manual Integrations
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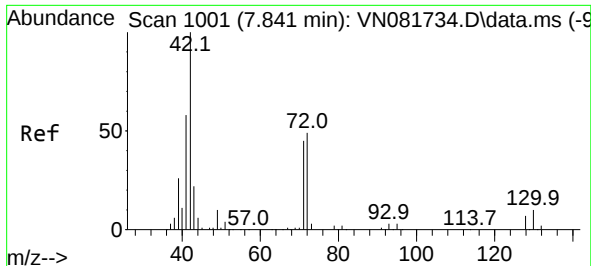
Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024



#28
 Bromochloromethane
 Concen: 19.452 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

Tgt Ion: 49 Resp: 47412
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 84.8 66.7 100.1





#29

Tetrahydrofuran

Concen: 100.285 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 110772

Ion Ratio Lower Upper

42 100

72 51.1 39.3 58.9

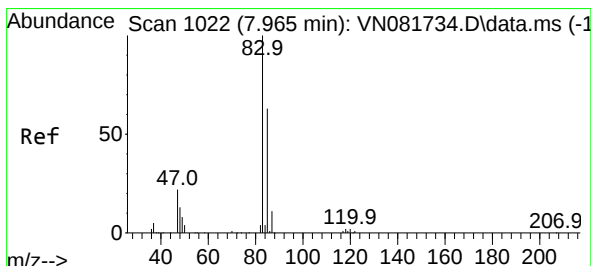
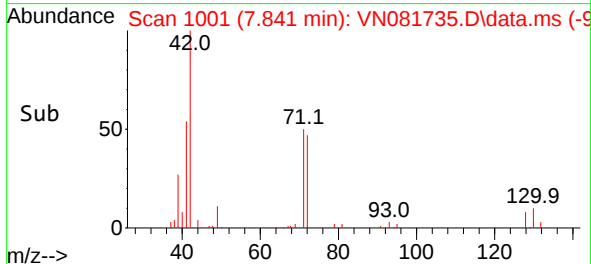
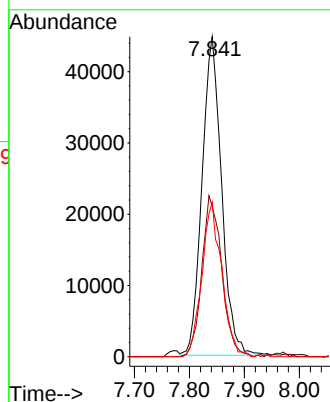
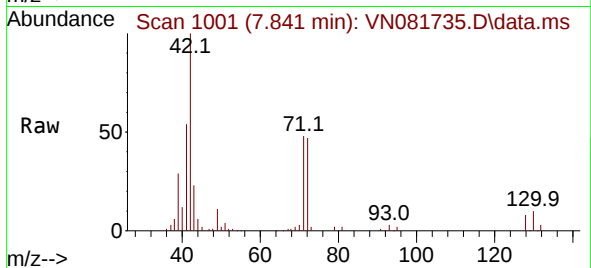
71 49.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#30

Chloroform

Concen: 18.871 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081735.D

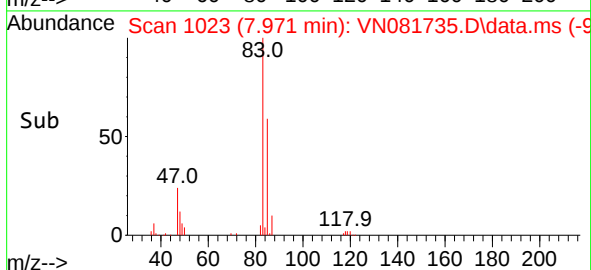
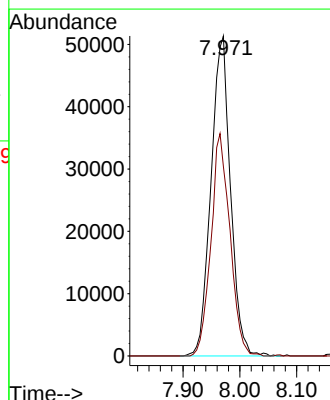
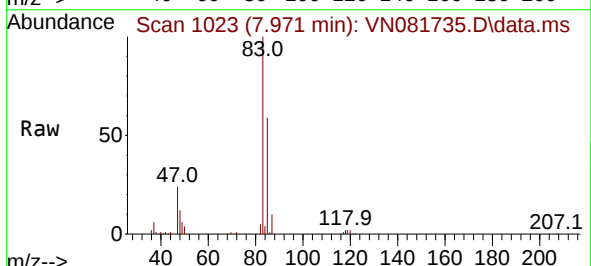
Acq: 15 Apr 2024 12:59

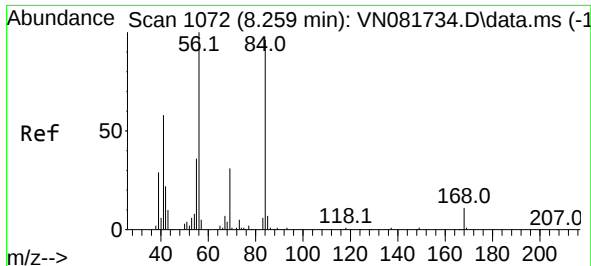
Tgt Ion: 83 Resp: 122165

Ion Ratio Lower Upper

83 100

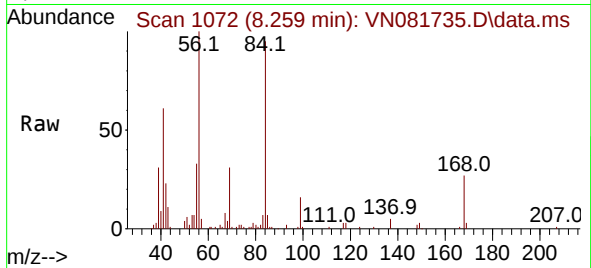
85 59.2 50.7 76.1





#31
Cyclohexane
Concen: 19.333 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

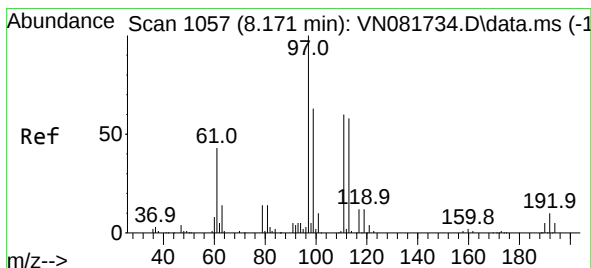
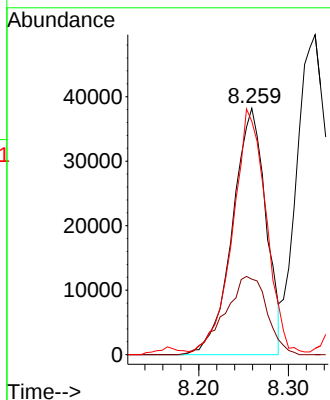
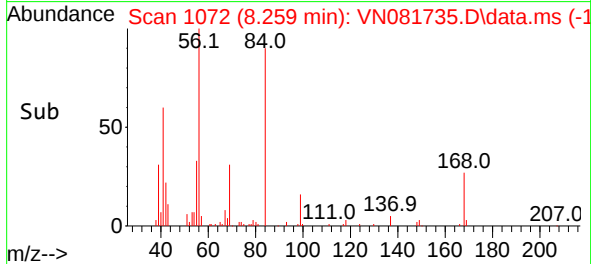
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 98680
Ion Ratio Lower Upper
56 100
69 30.2 24.4 36.6
84 93.0 77.0 115.4

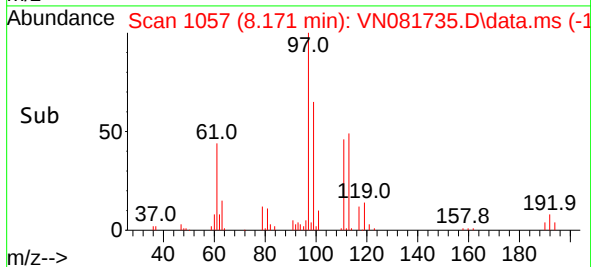
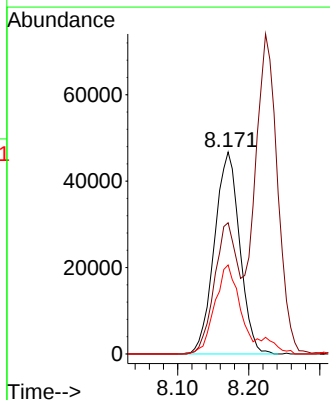
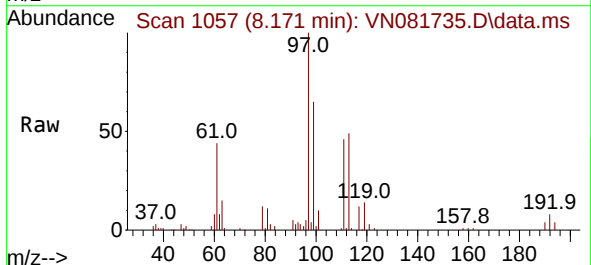
Manual Integrations
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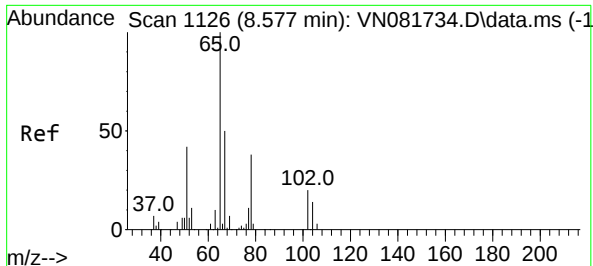
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#32
1,1,1-Trichloroethane
Concen: 20.111 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 97 Resp: 115446
Ion Ratio Lower Upper
97 100
99 59.1 50.3 75.5
61 45.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 17.079 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 63552

Ion Ratio Lower Upper

65 100

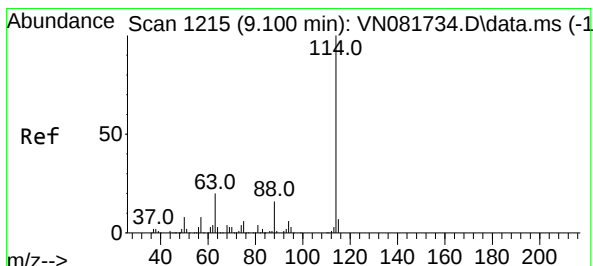
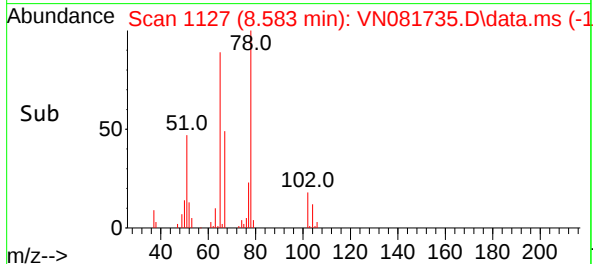
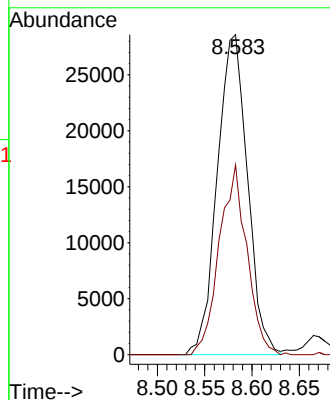
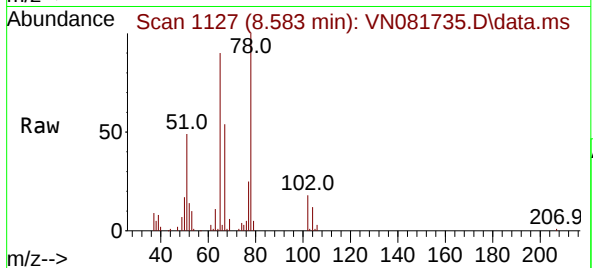
67 54.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

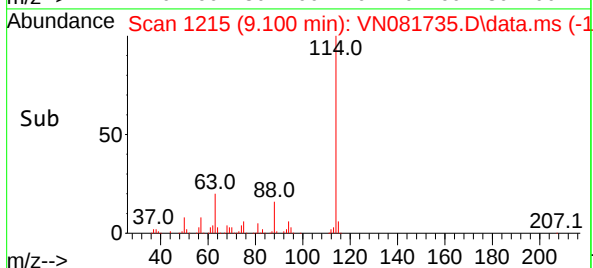
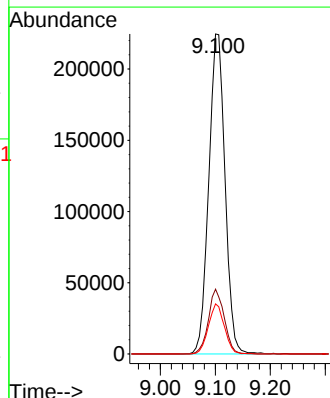
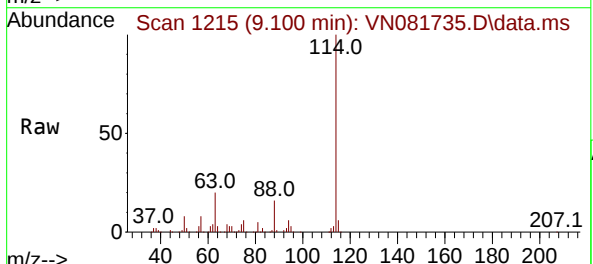
Tgt Ion:114 Resp: 461275

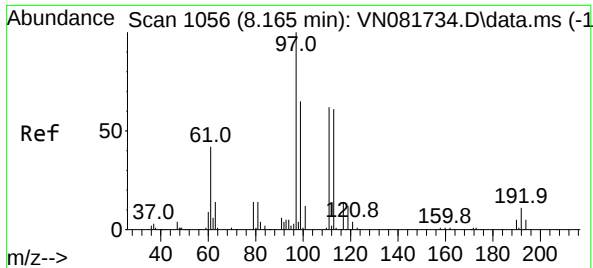
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 17.744 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

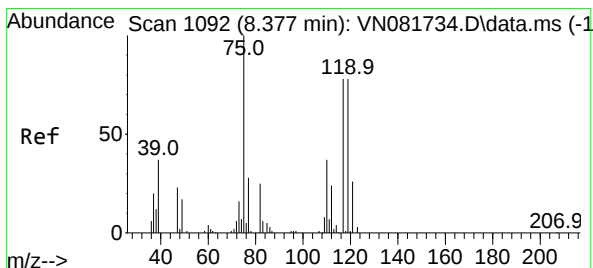
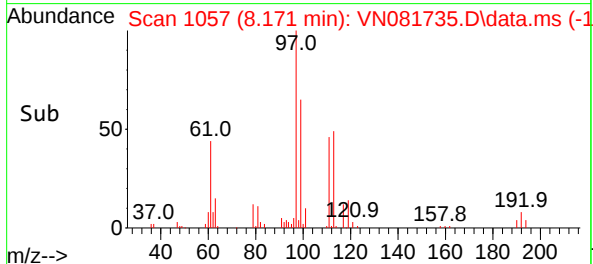
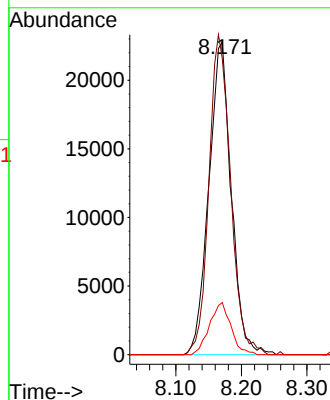
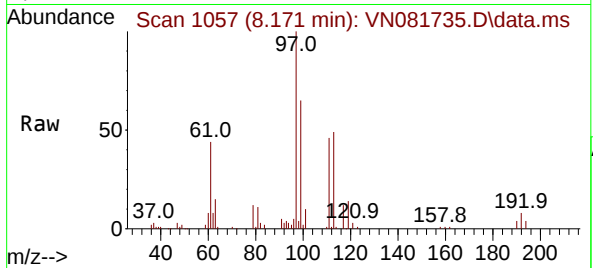
Tgt Ion:	113	Resp:	54049
Ion Ratio	Lower	Upper	
113	100		
111	98.9	83.4	125.2
192	16.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#36

1,1-Dichloropropene

Concen: 20.221 ug/l

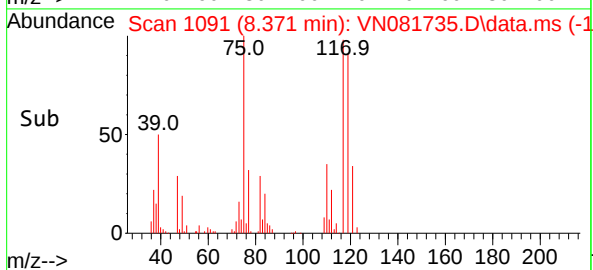
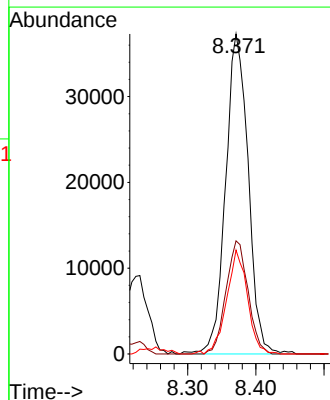
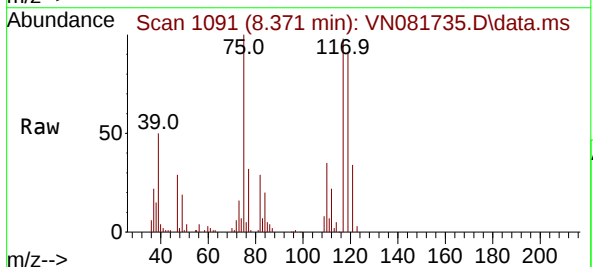
RT: 8.371 min Scan# 1091

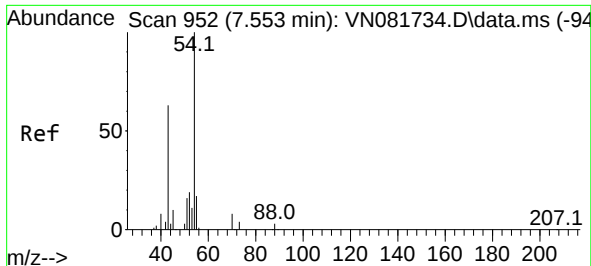
Delta R.T. -0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion:	75	Resp:	85815
Ion Ratio	Lower	Upper	
75	100		
110	34.5	17.8	53.5
77	30.0	25.0	37.4





#37

Ethyl Acetate

Concen: 21.295 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN081735.D

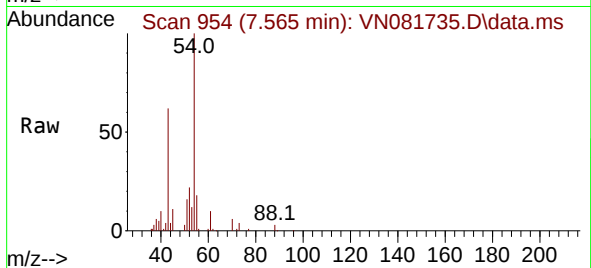
Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

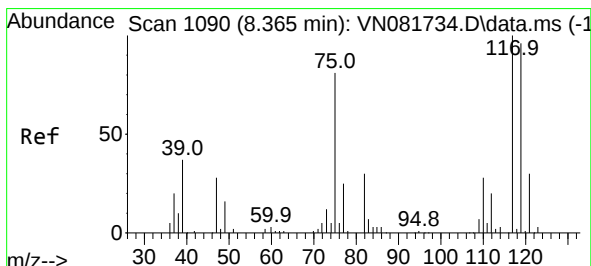
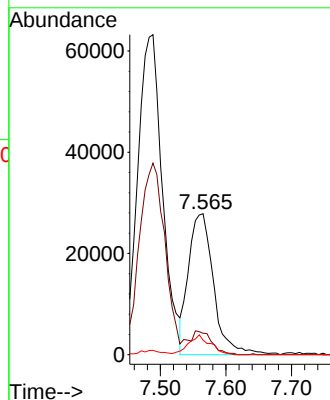
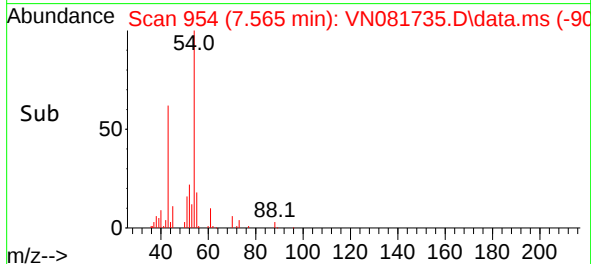
VSTDIC020



Tgt Ion:	43	Resp:	7426
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	12.0	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#38

Carbon Tetrachloride

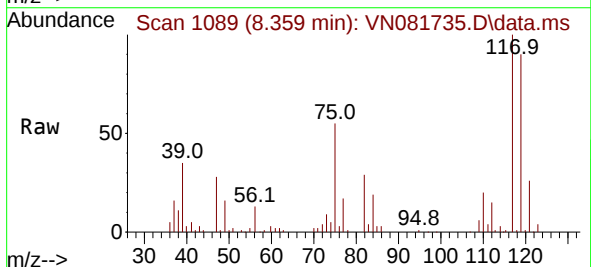
Concen: 20.538 ug/l

RT: 8.359 min Scan# 1089

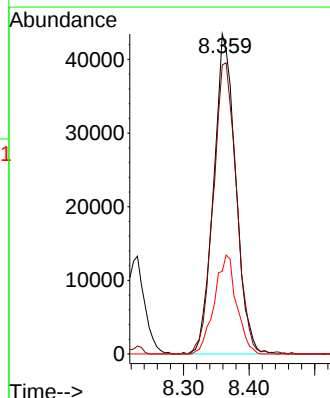
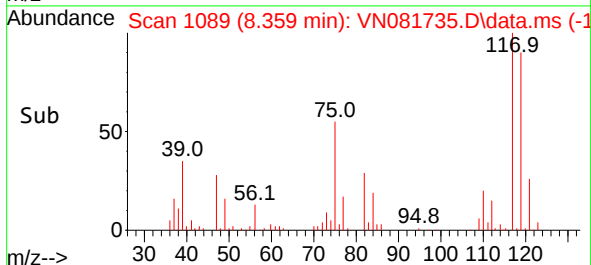
Delta R.T. -0.006 min

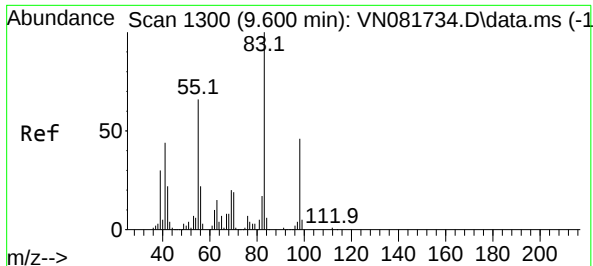
Lab File: VN081735.D

Acq: 15 Apr 2024 12:59



Tgt Ion:	117	Resp:	101405
Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.5	114.7
121	25.8	23.9	35.9





#39

Methylcyclohexane

Concen: 20.321 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

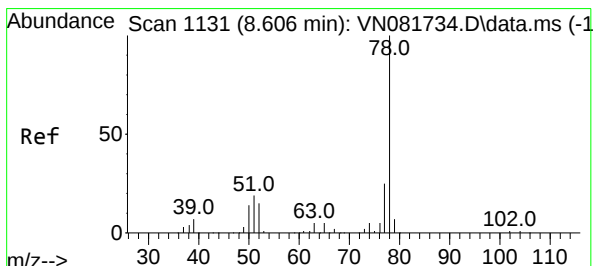
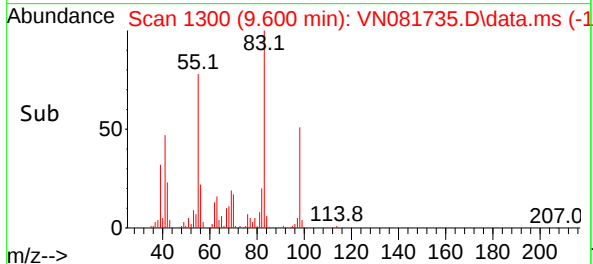
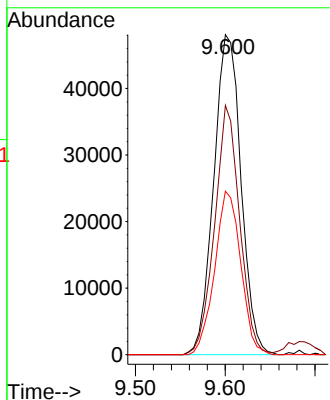
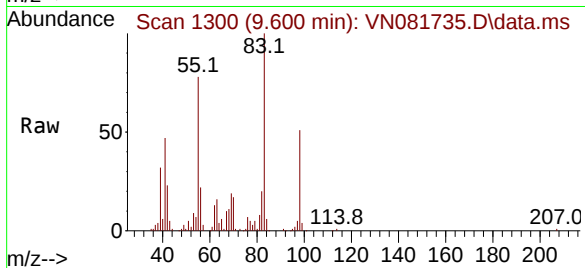
Tgt Ion: 83 Resp: 101590
 Ion Ratio Lower Upper
 83 100
 55 77.9 53.0 79.6
 98 51.1 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#40

Benzene

Concen: 20.005 ug/l

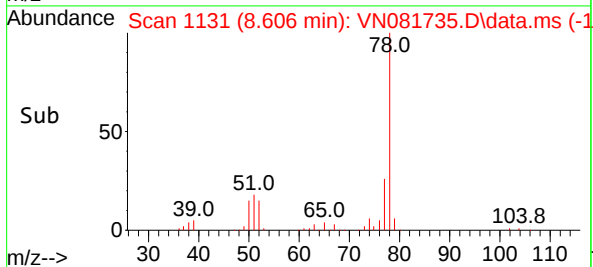
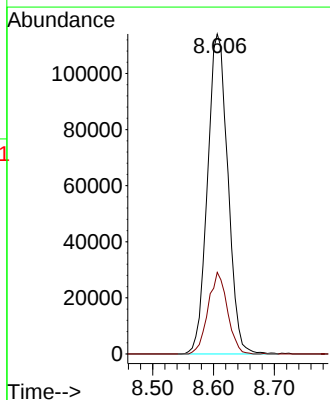
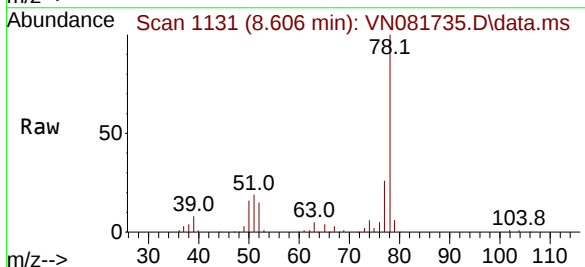
RT: 8.606 min Scan# 1131

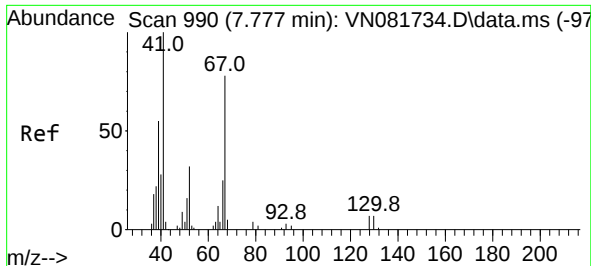
Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

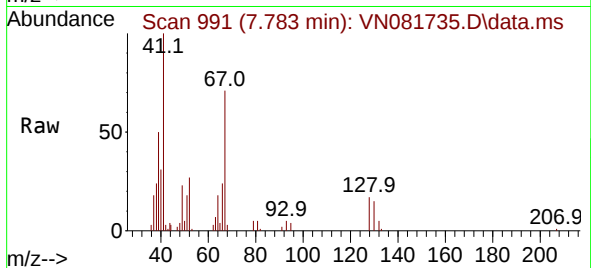
Tgt Ion: 78 Resp: 264466
 Ion Ratio Lower Upper
 78 100
 77 25.5 20.0 30.0





#41
Methacrylonitrile
Concen: 20.534 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

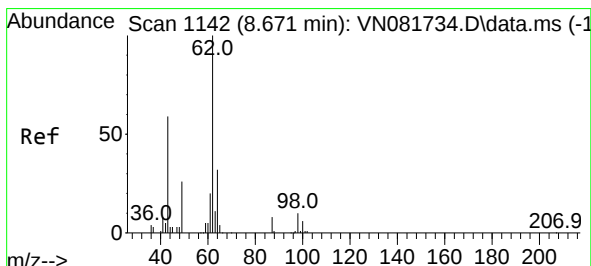
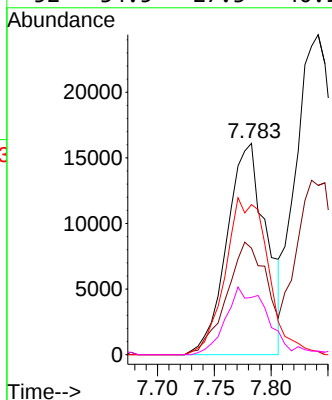
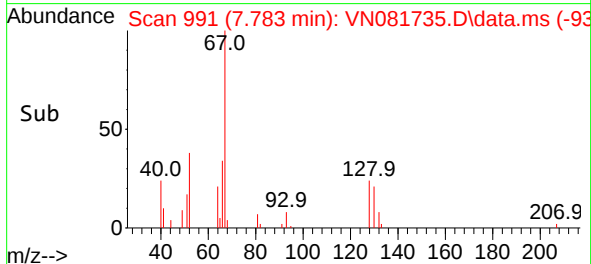
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 38872
Ion Ratio Lower Upper
41 100
39 54.8 46.6 69.8
67 80.7 67.3 100.9
52 34.5 27.3 40.9

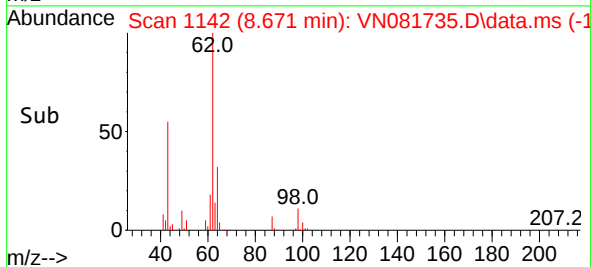
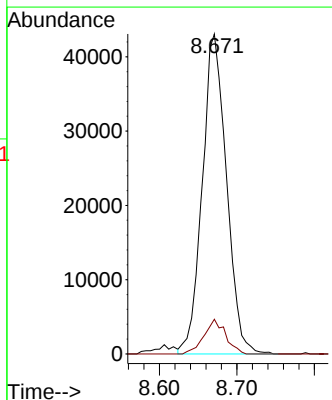
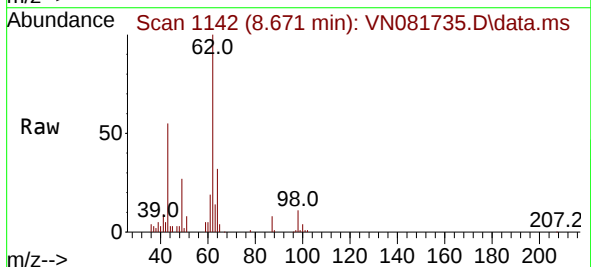
Manual Integrations
APPROVED

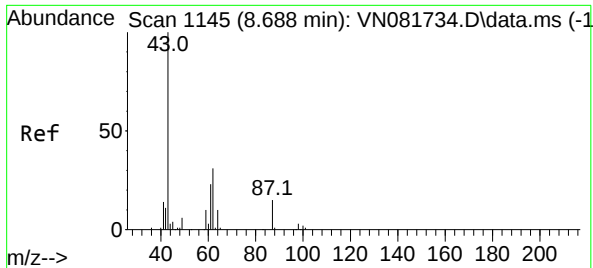
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#42
1,2-Dichloroethane
Concen: 20.279 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 62 Resp: 93454
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 19.335 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

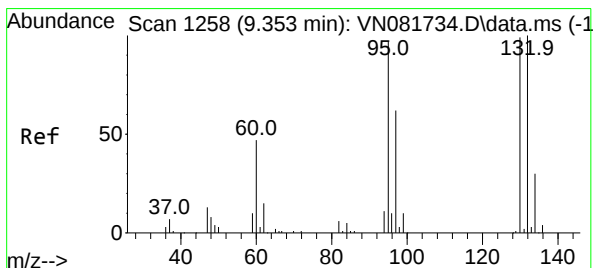
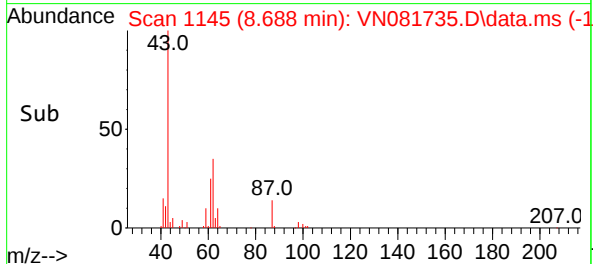
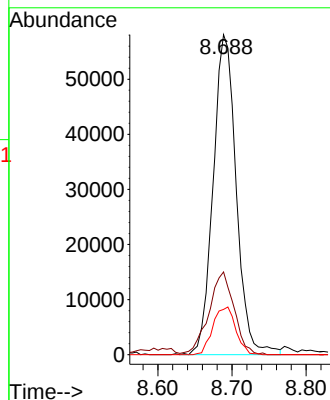
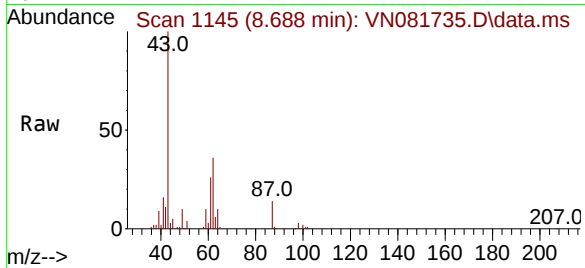
Tgt Ion:	43	Resp:	12579
Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.8	34.2
87	14.8	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#44

Trichloroethene

Concen: 20.874 ug/l

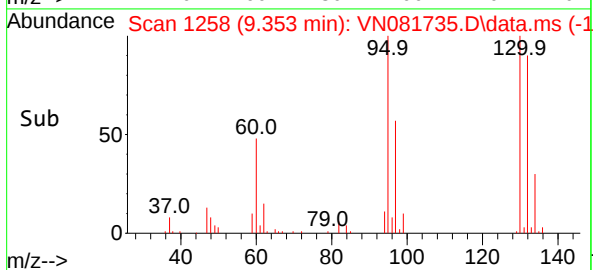
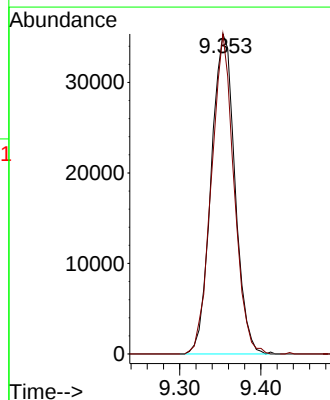
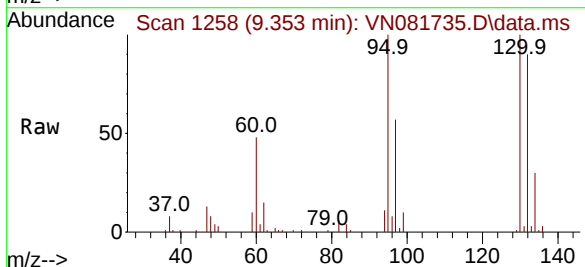
RT: 9.353 min Scan# 1258

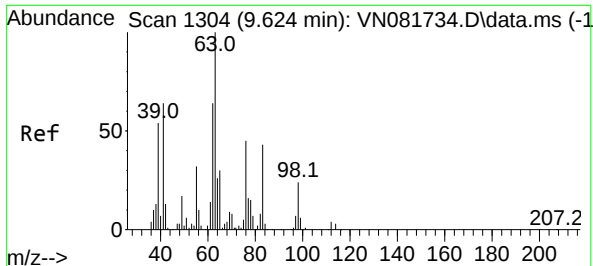
Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion:	130	Resp:	71762
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	195.4





#45

1,2-Dichloropropane

Concen: 20.992 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 6398

Ion Ratio Lower Upper

63 100

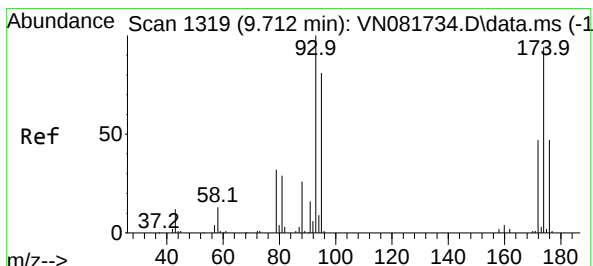
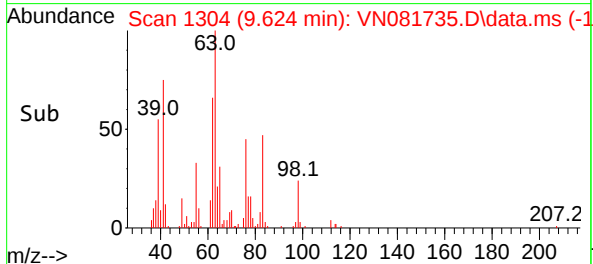
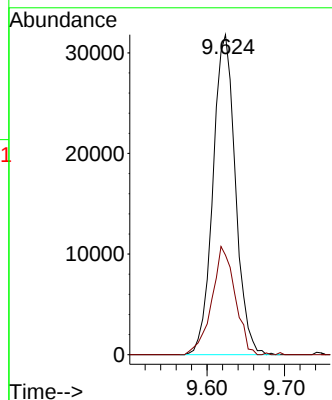
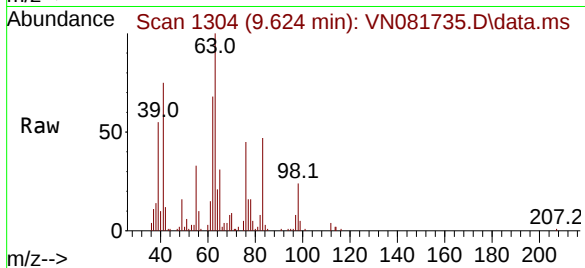
65 31.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#46

Dibromomethane

Concen: 19.326 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

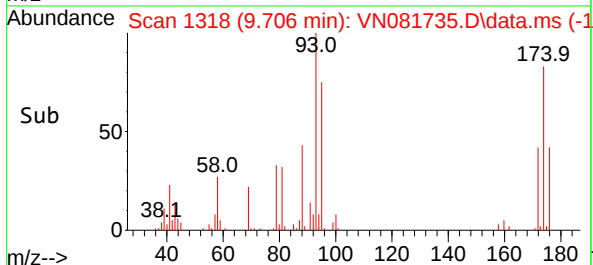
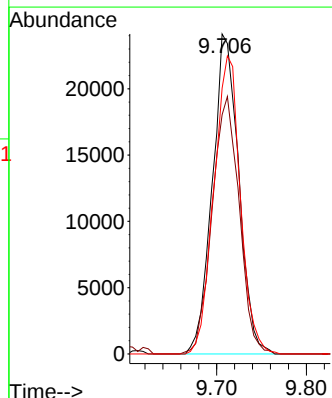
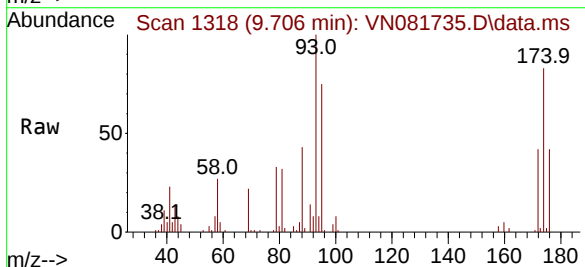
Tgt Ion: 93 Resp: 49162

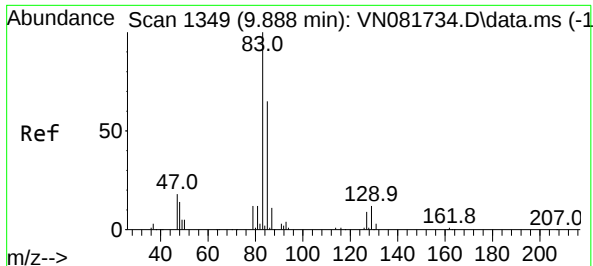
Ion Ratio Lower Upper

93 100

95 82.5 64.8 97.2

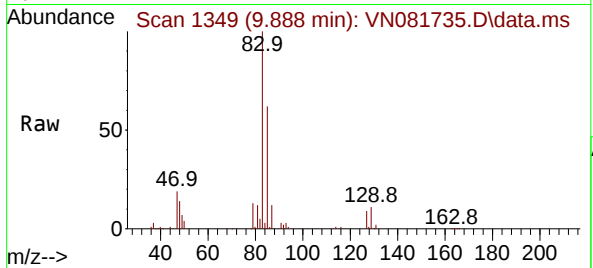
174 93.7 73.4 110.0





#47
Bromodichloromethane
Concen: 20.433 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

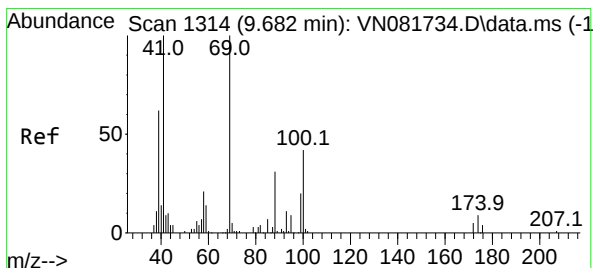
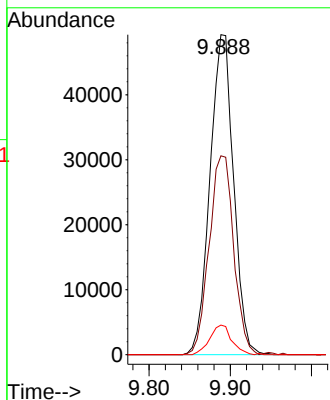
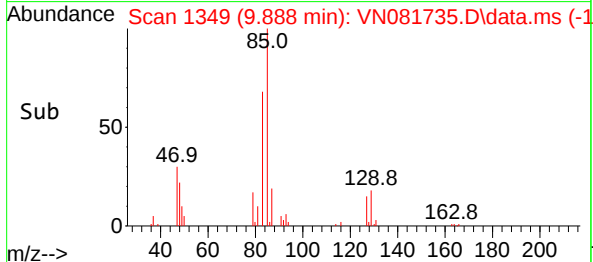
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



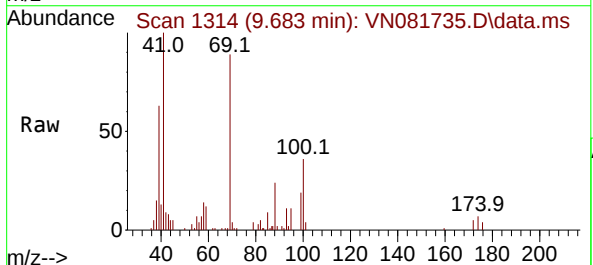
Tgt Ion: 83 Resp: 9929
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9
127 9.2 7.5 11.3

Manual Integrations
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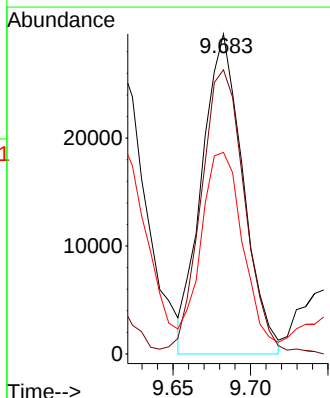
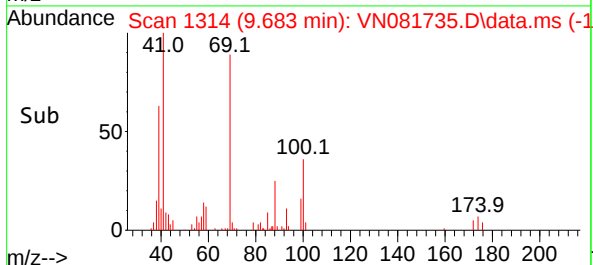
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

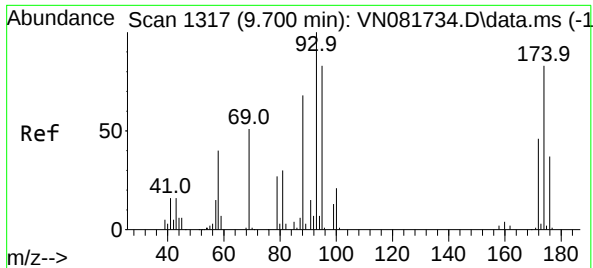


#48
Methyl methacrylate
Concen: 20.646 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



Tgt Ion: 41 Resp: 54747
Ion Ratio Lower Upper
41 100
69 94.7 77.9 116.9
39 65.3 50.9 76.3





#49

1,4-Dioxane

Concen: 390.221 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

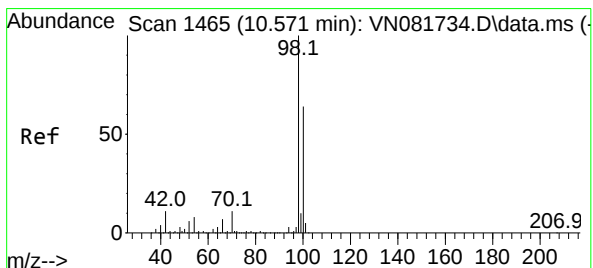
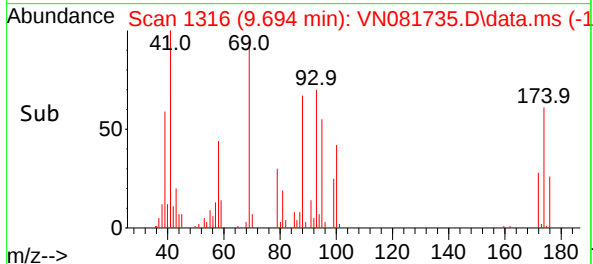
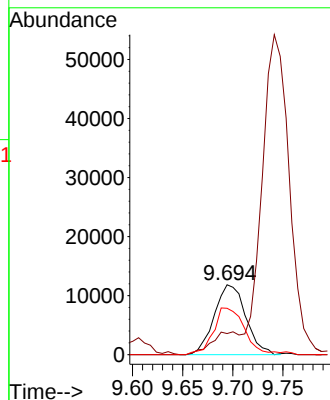
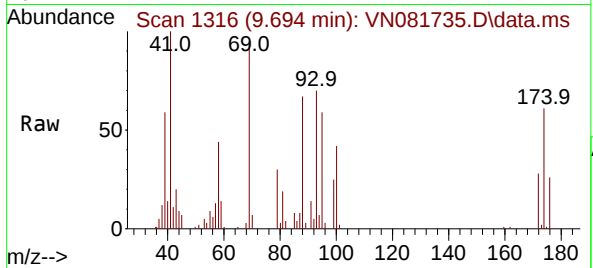
Tgt Ion: 88 Resp: 25952
 Ion Ratio Lower Upper
 88 100
 43 28.4 19.0 28.6
 58 66.8 50.6 76.0

Manual Integrations

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Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#50

Toluene-d8

Concen: 17.525 ug/l

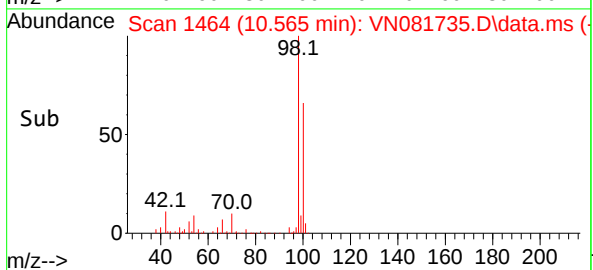
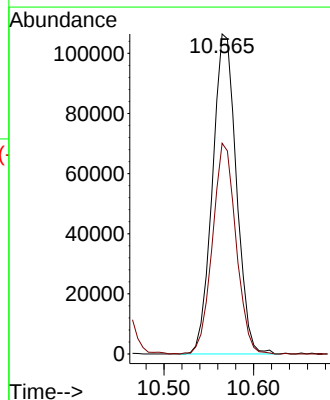
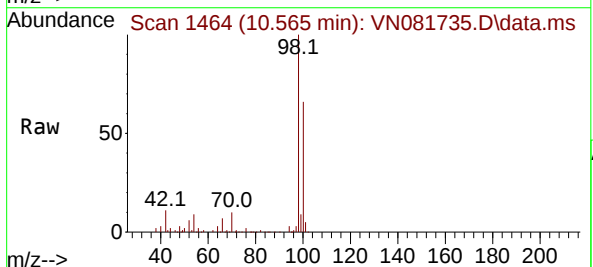
RT: 10.565 min Scan# 1464

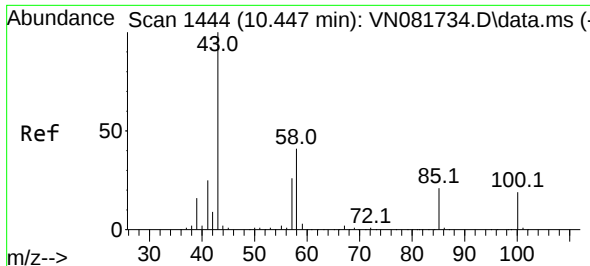
Delta R.T. -0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion: 98 Resp: 196650
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.6





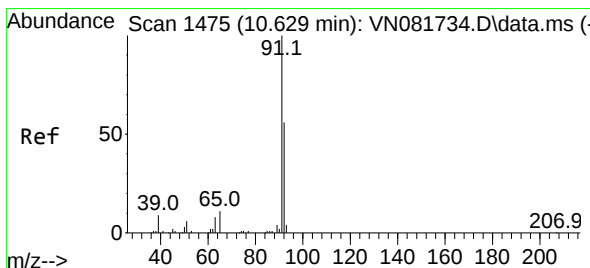
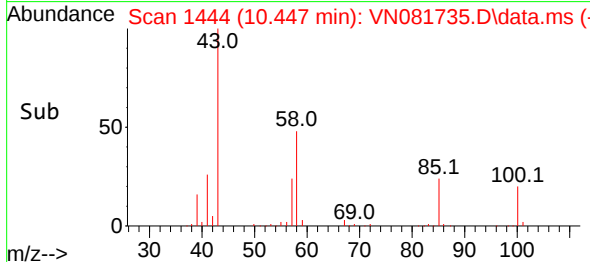
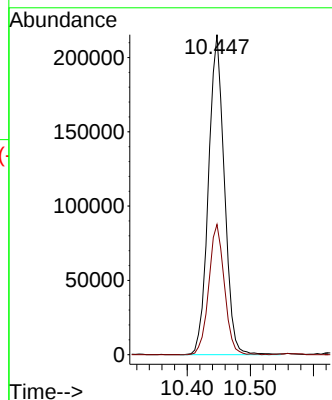
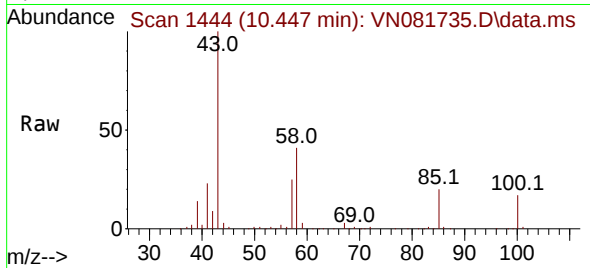
#51
4-Methyl-2-Pentanone
Concen: 104.175 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 376974
Ion Ratio Lower Upper
43 100
58 39.9 33.2 49.8

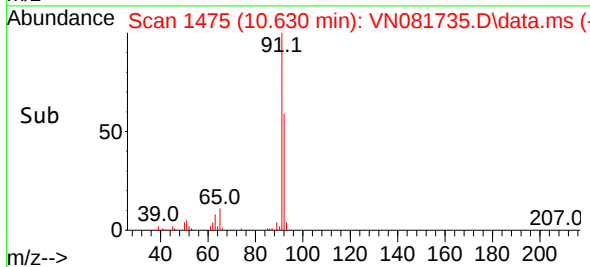
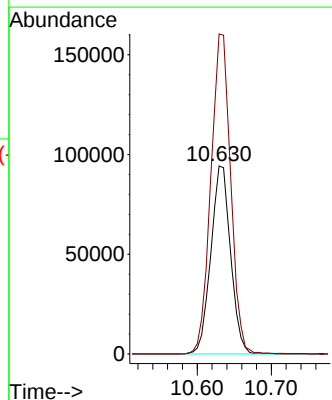
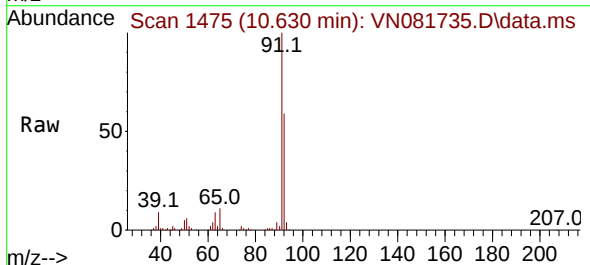
Manual Integrations
APPROVED

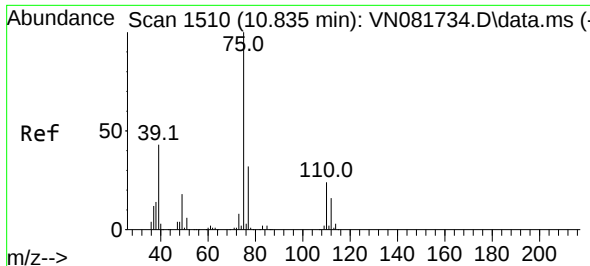
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#52
Toluene
Concen: 20.735 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

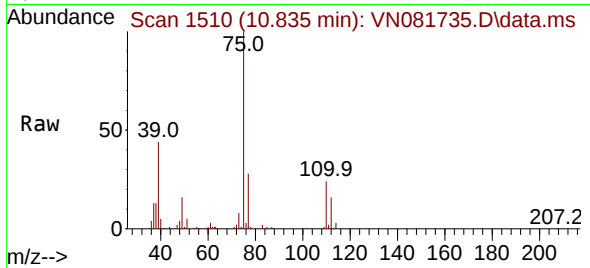
Tgt Ion: 92 Resp: 174113
Ion Ratio Lower Upper
92 100
91 171.0 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.852 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

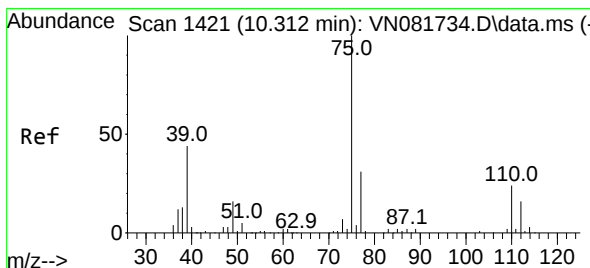
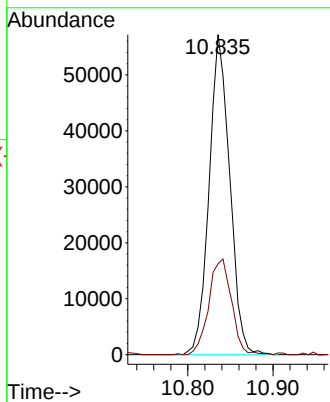
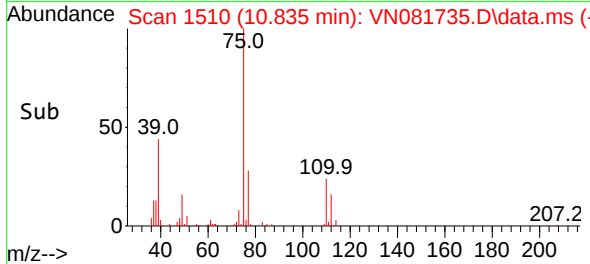
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 96100
Ion Ratio Lower Upper
75 100
77 28.1 25.4 38.0

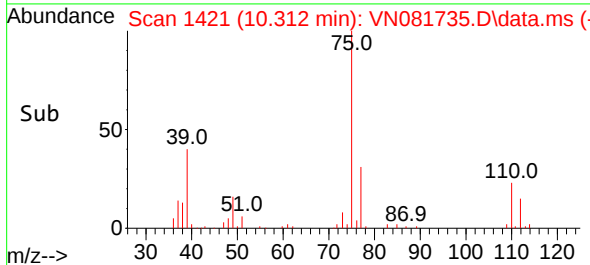
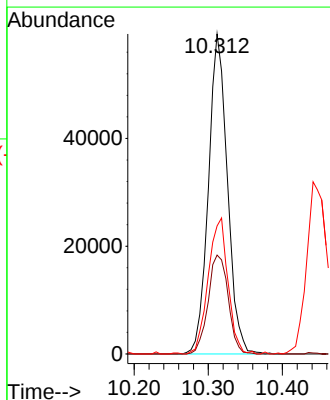
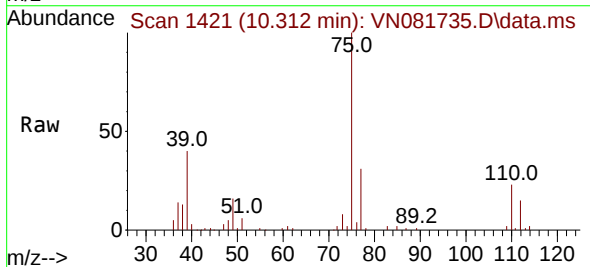
Manual Integrations
APPROVED

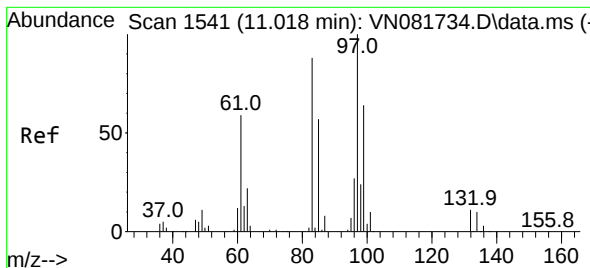
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#54
cis-1,3-Dichloropropene
Concen: 20.526 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

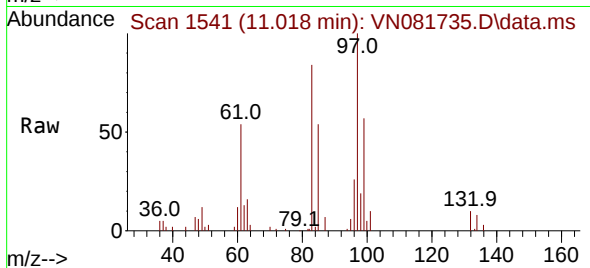
Tgt Ion: 75 Resp: 105845
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 39.7 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 20.087 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

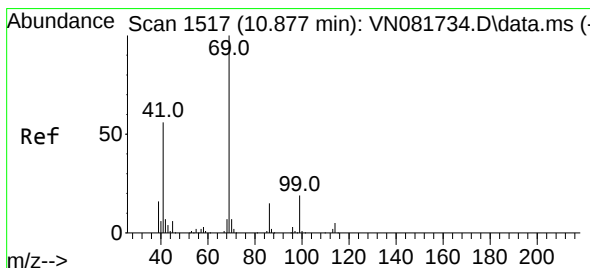
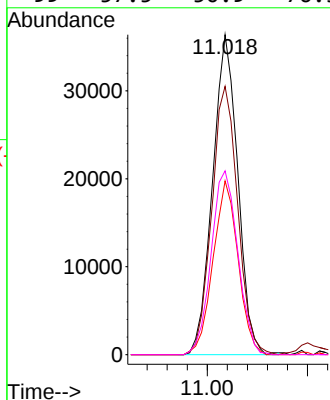
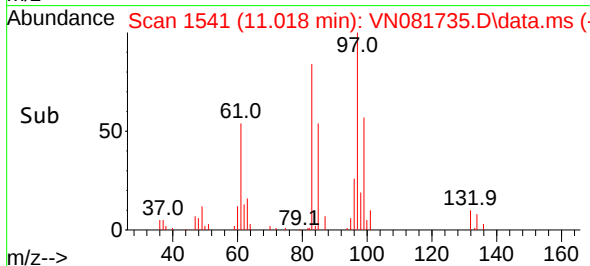
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	63362
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.4	105.6
85	54.3	45.6	68.4
99	57.5	50.9	76.3

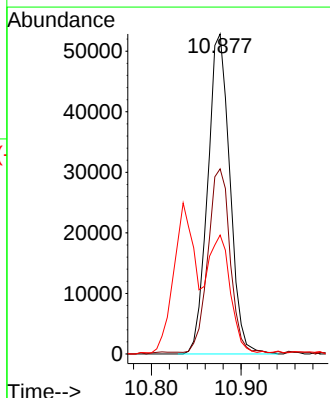
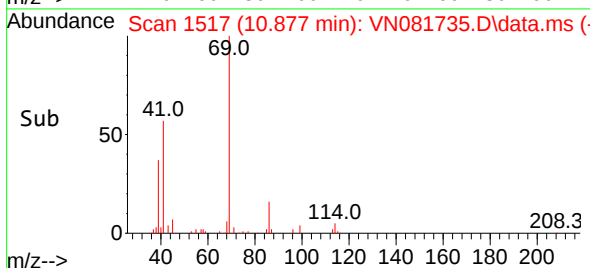
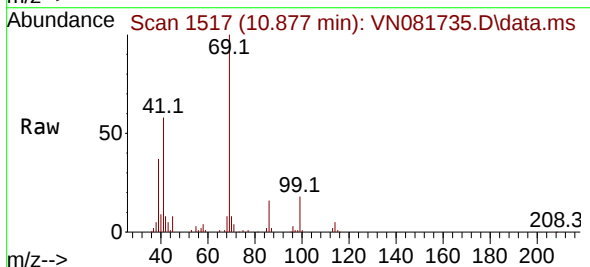
Manual Integrations
APPROVED

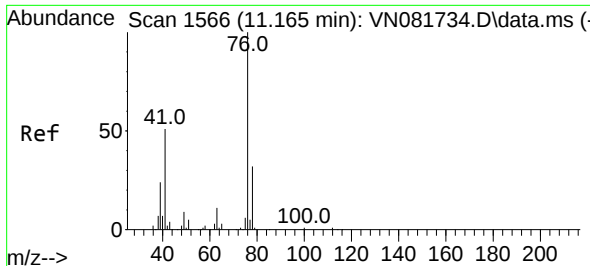
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#56
Ethyl methacrylate
Concen: 20.871 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion:	69	Resp:	90584
Ion	Ratio	Lower	Upper
69	100		
41	57.3	46.6	70.0
39	35.3	26.5	39.7





#57

1,3-Dichloropropane

Concen: 20.524 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 10836

Ion Ratio Lower Upper

76 100

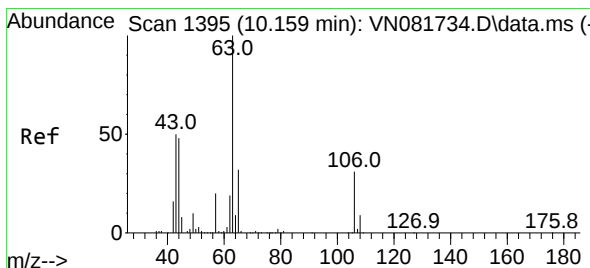
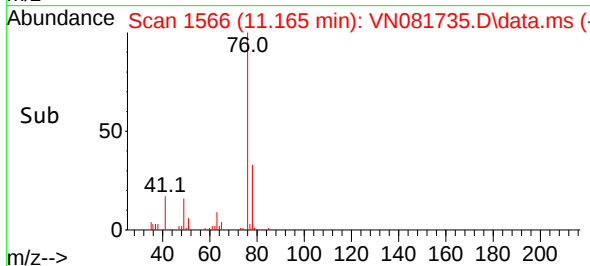
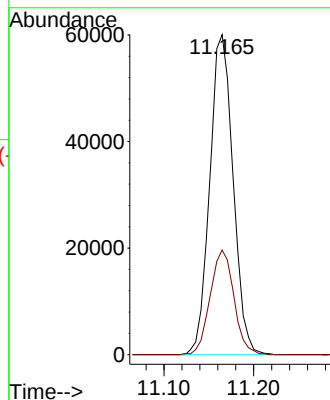
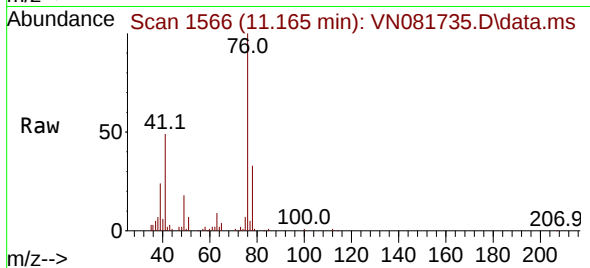
78 33.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 96.856 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081735.D

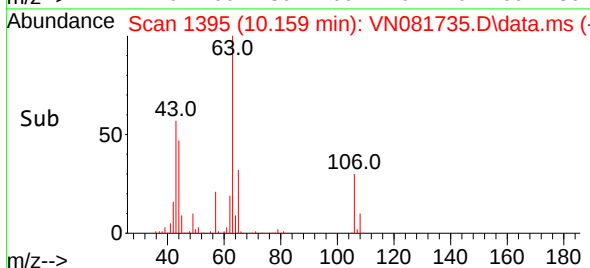
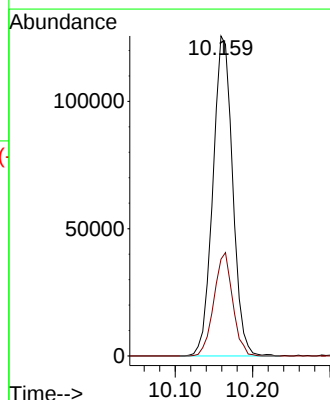
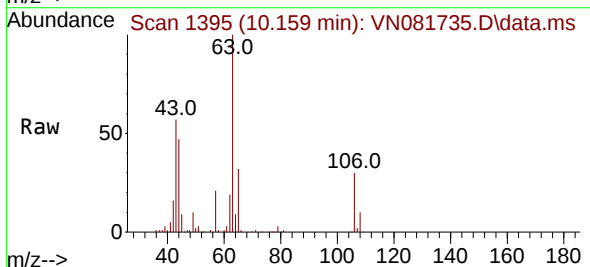
Acq: 15 Apr 2024 12:59

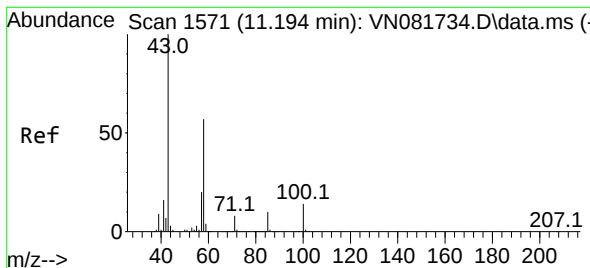
Tgt Ion: 63 Resp: 222430

Ion Ratio Lower Upper

63 100

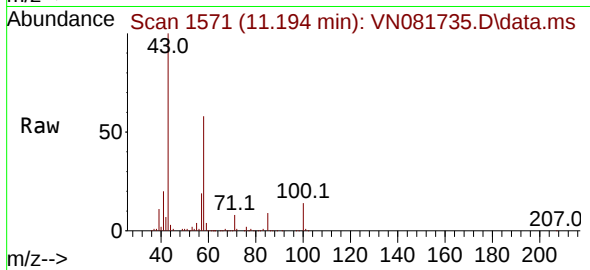
106 30.7 24.6 36.8





#59
2-Hexanone
Concen: 103.946 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

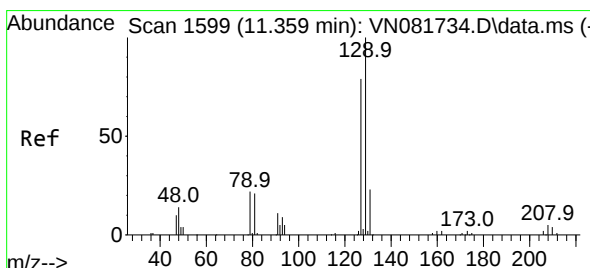
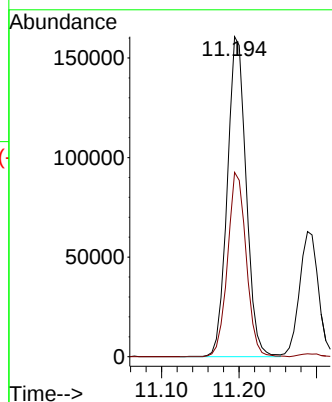
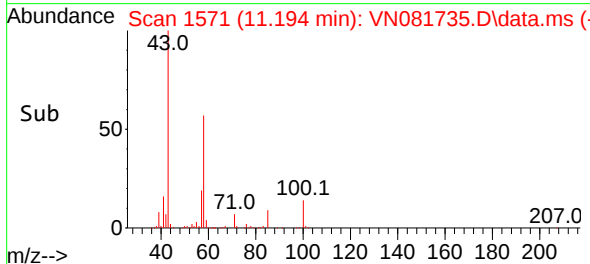
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 272290
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9

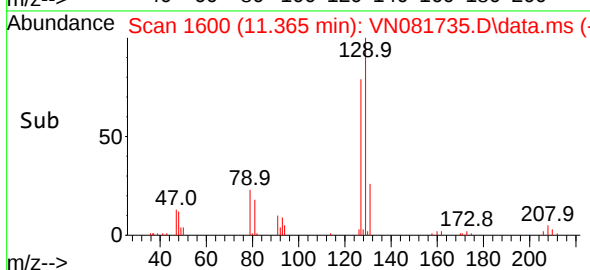
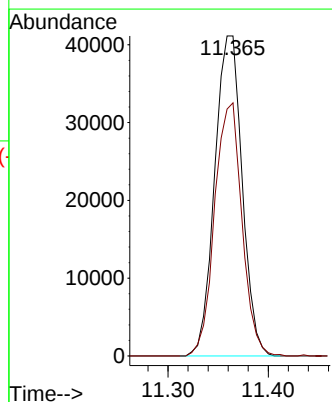
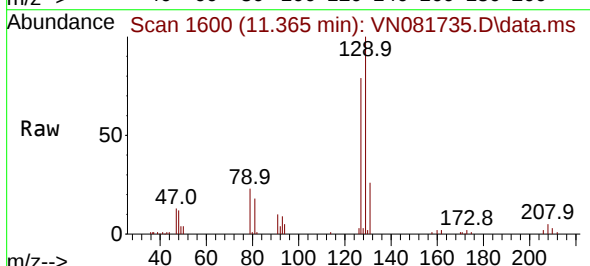
Manual Integrations
APPROVED

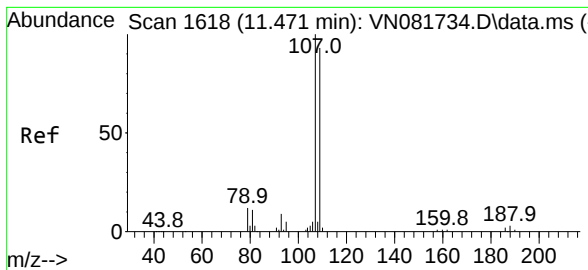
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#60
Dibromochloromethane
Concen: 20.544 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion:129 Resp: 78329
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





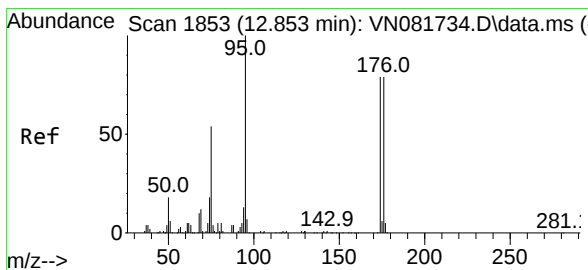
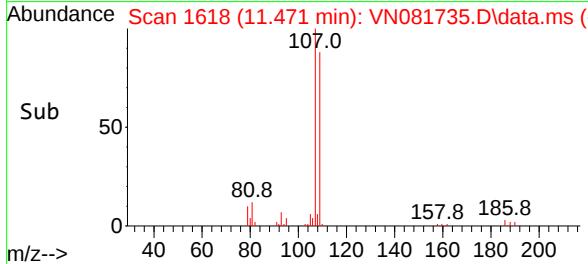
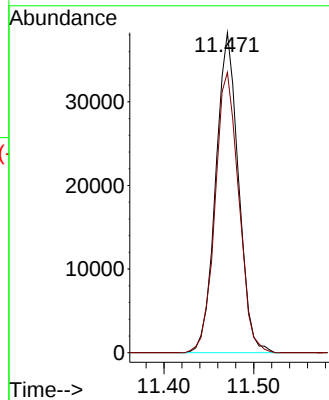
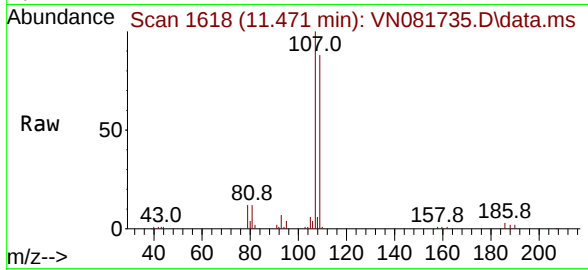
#61
1,2-Dibromoethane
Concen: 20.416 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 67170
Ion Ratio Lower Upper
107 100
109 91.4 75.8 113.6

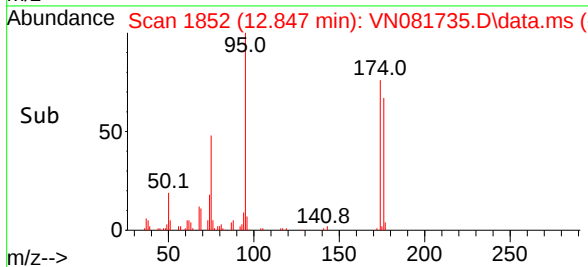
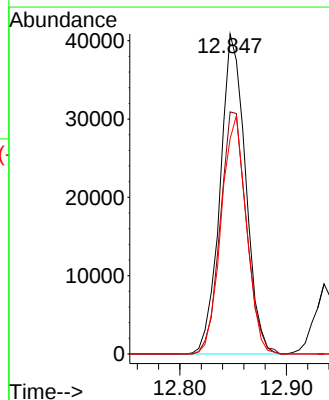
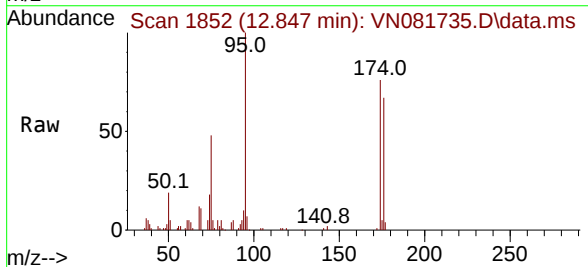
Manual Integrations
APPROVED

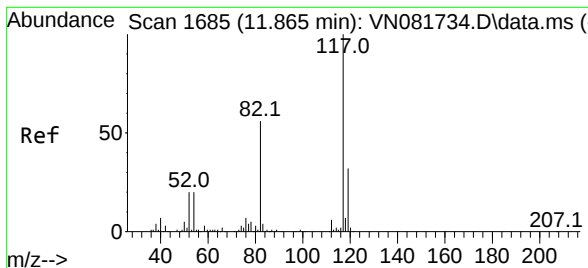
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#62
4-Bromofluorobenzene
Concen: 17.591 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 95 Resp: 67456
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.6
176 73.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 417828

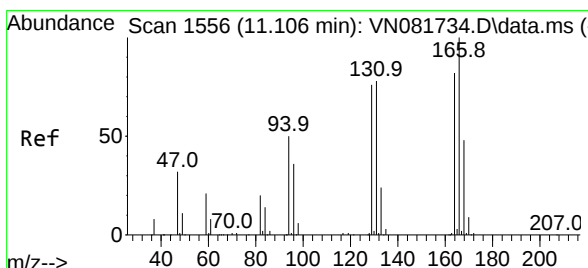
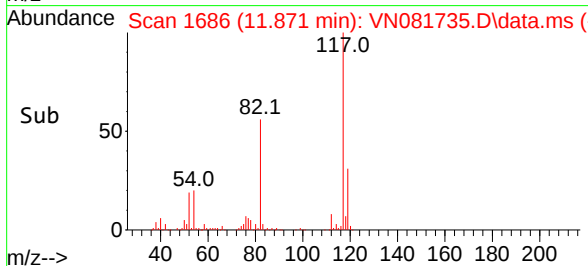
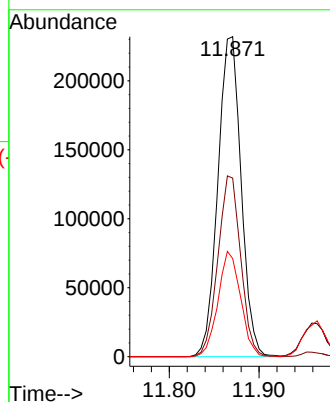
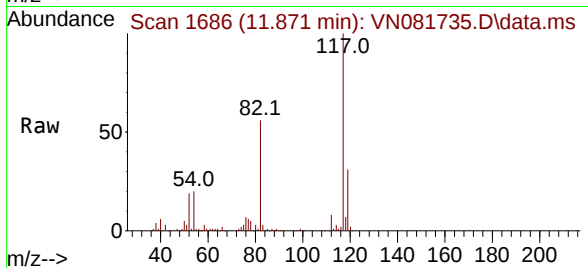
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	30.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#64

Tetrachloroethene

Concen: 19.716 ug/l

RT: 11.106 min Scan# 1556

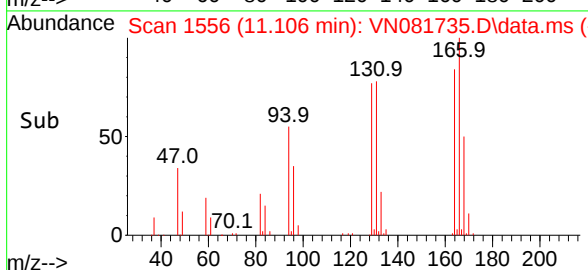
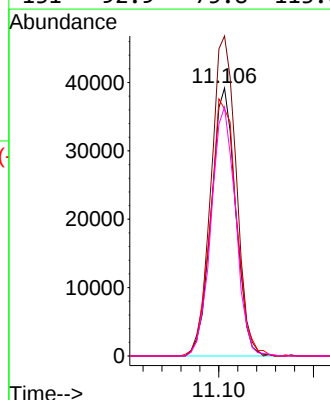
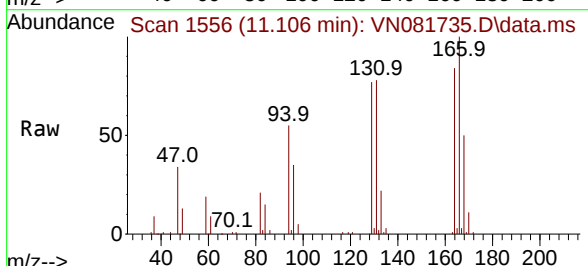
Delta R.T. 0.000 min

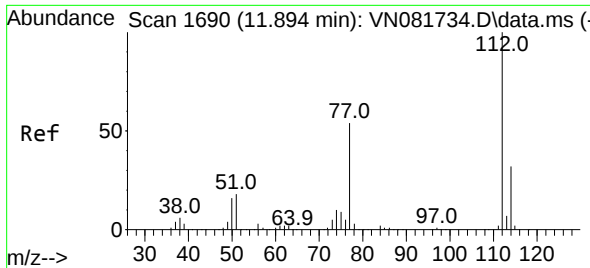
Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion:164 Resp: 69892

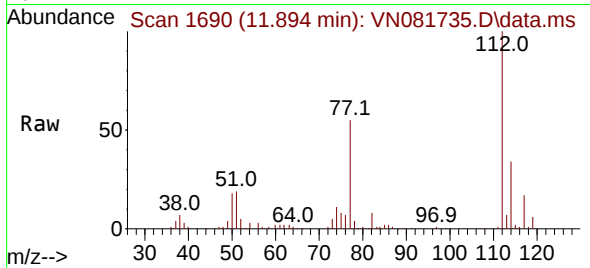
Ion	Ratio	Lower	Upper
164	100		
166	119.5	97.6	146.4
129	92.2	73.7	110.5
131	92.9	75.8	113.6





#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

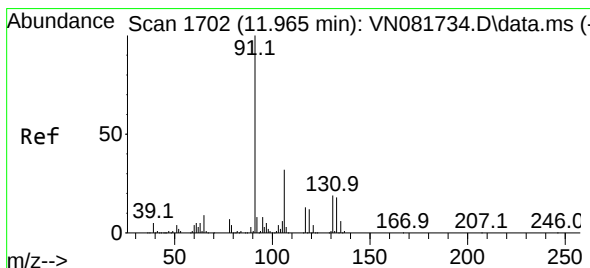
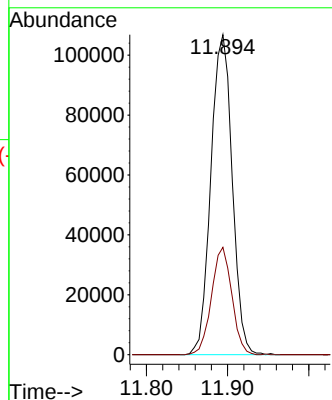
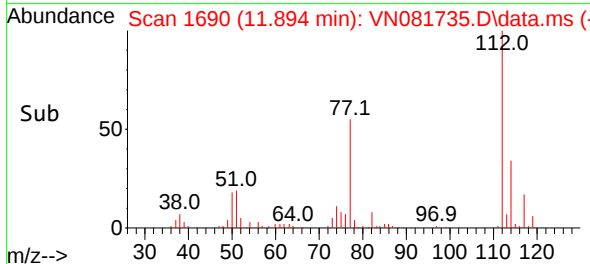
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



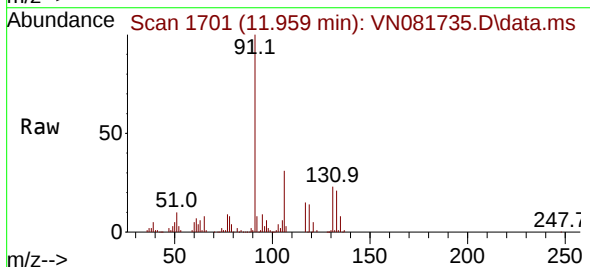
Tgt Ion:112 Resp: 19510
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

Manual Integrations
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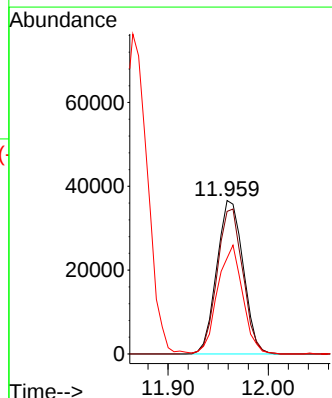
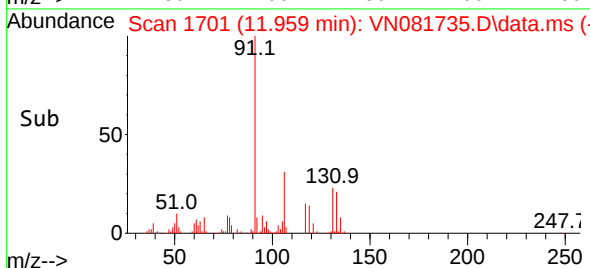
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

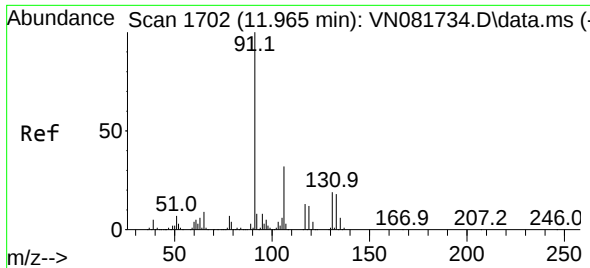


#66
1,1,1,2-Tetrachloroethane
Concen: 20.461 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



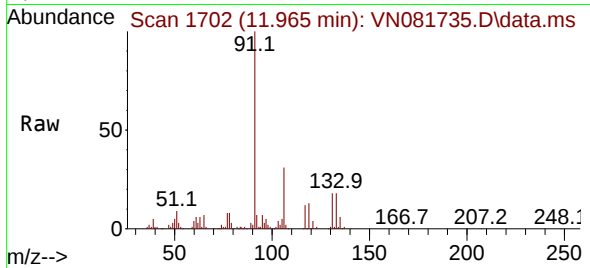
Tgt Ion:131 Resp: 67107
Ion Ratio Lower Upper
131 100
133 92.1 47.5 142.6
119 67.2 32.9 98.7





#67
Ethyl Benzene
Concen: 20.720 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

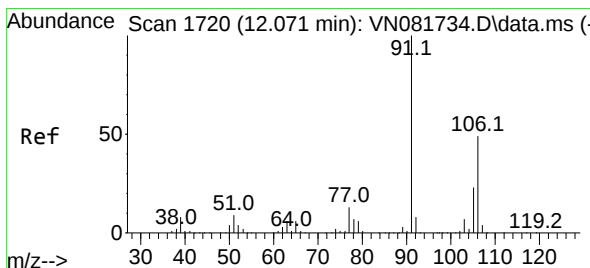
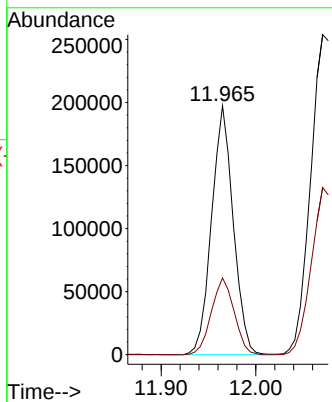
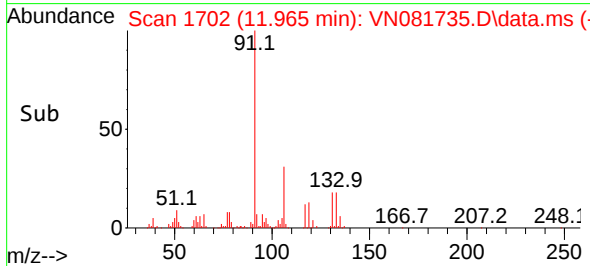
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



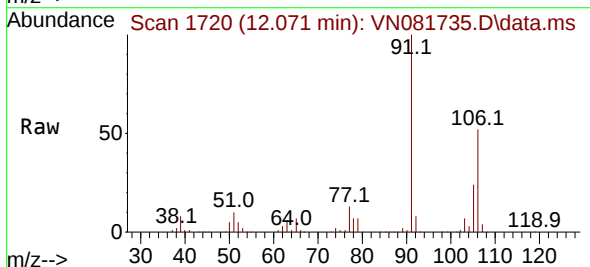
Tgt Ion: 91 Resp: 313575
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

Manual Integrations
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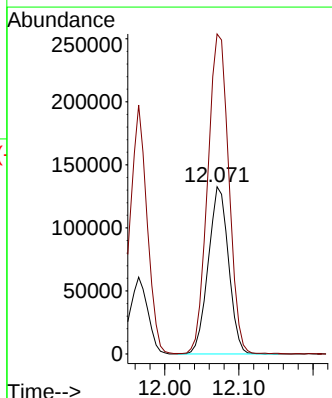
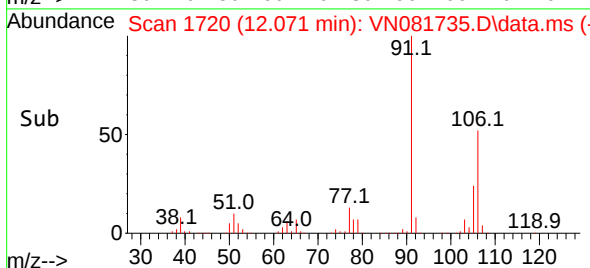
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

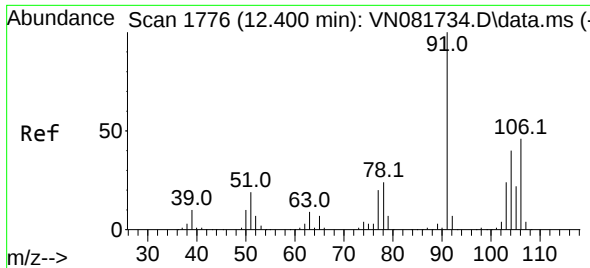


#68
m/p-Xylenes
Concen: 42.817 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



Tgt Ion:106 Resp: 251975
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.0





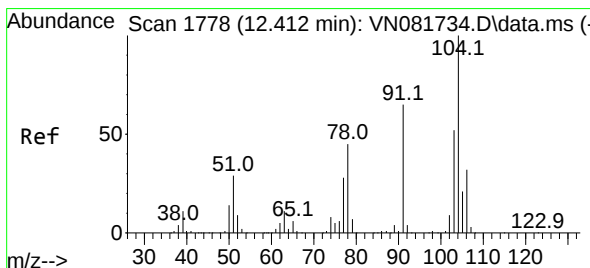
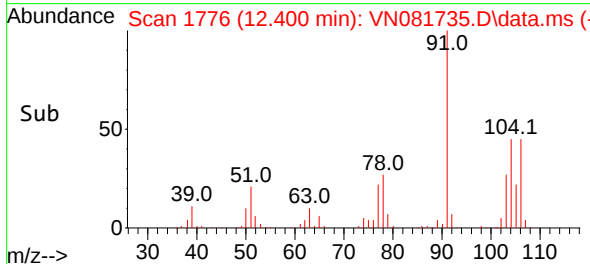
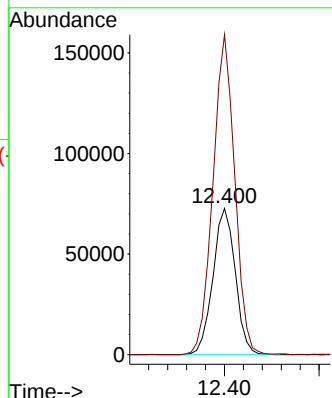
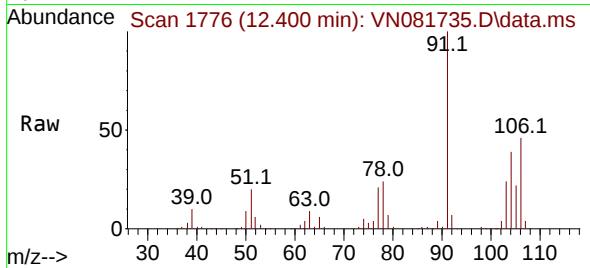
#69
o-Xylene
Concen: 21.067 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11881
Ion Ratio Lower Upper
106 100
91 214.4 104.7 314.1

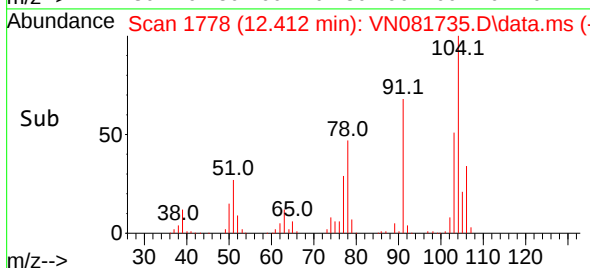
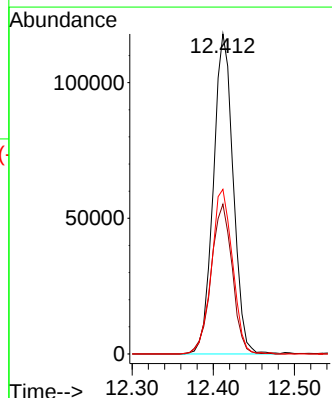
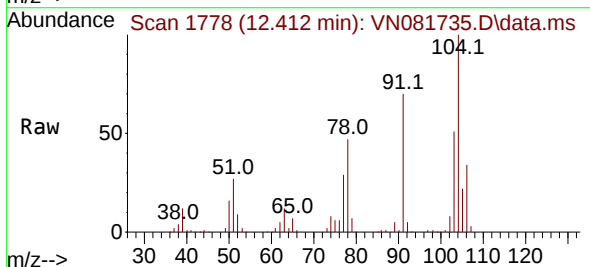
Manual Integrations
APPROVED

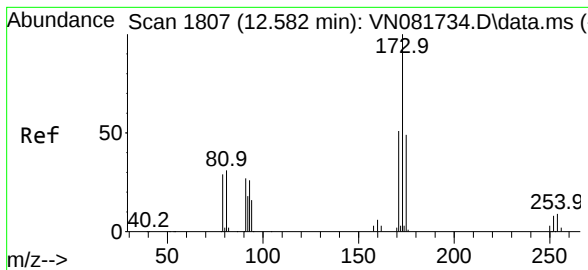
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#70
Styrene
Concen: 21.708 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion:104 Resp: 200568
Ion Ratio Lower Upper
104 100
78 49.7 38.6 58.0
103 54.9 43.8 65.6





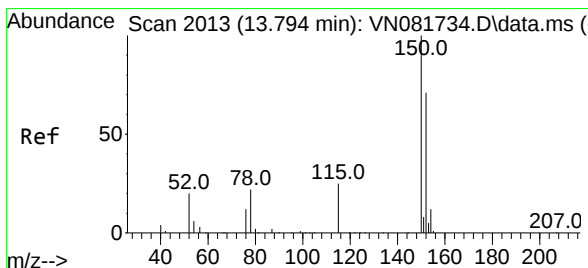
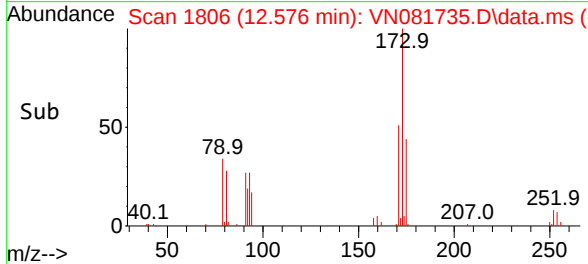
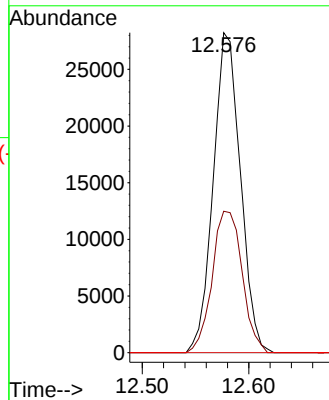
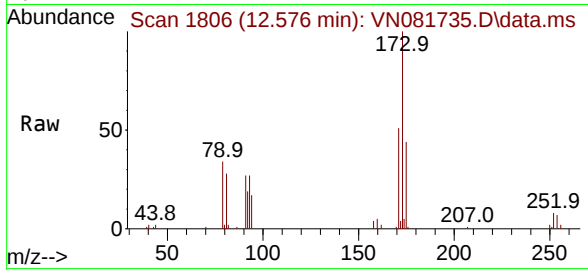
#71
Bromoform
Concen: 19.746 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 49974
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

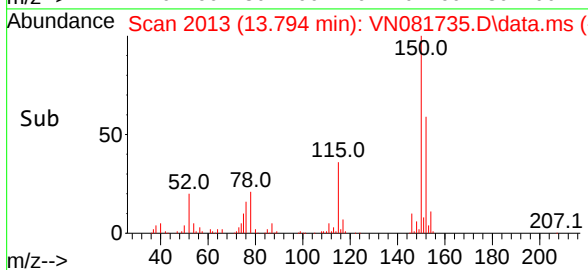
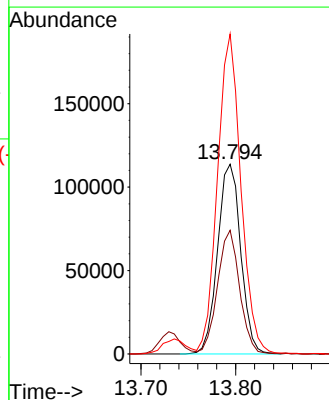
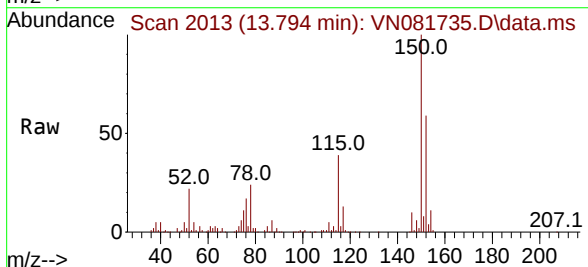
Manual Integrations
APPROVED

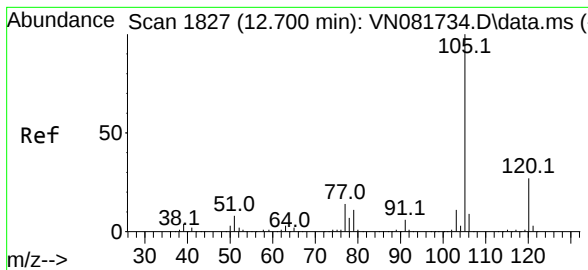
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion:152 Resp: 193242
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 170.6 0.0 353.2





#73

Isopropylbenzene

Concen: 21.289 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 308498

Ion Ratio Lower Upper

105 100

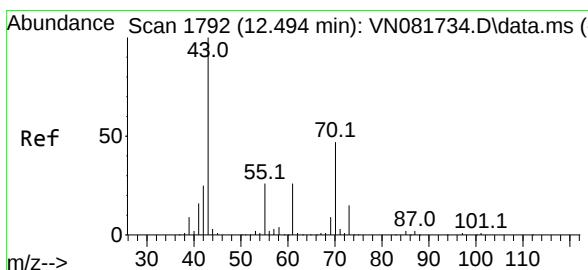
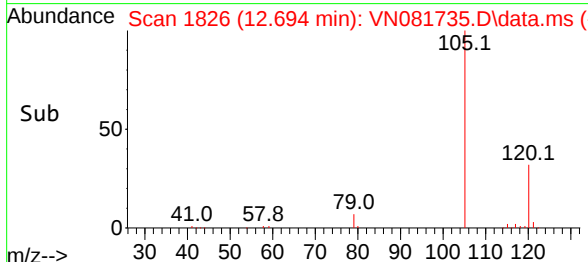
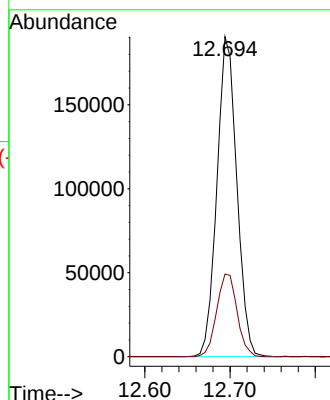
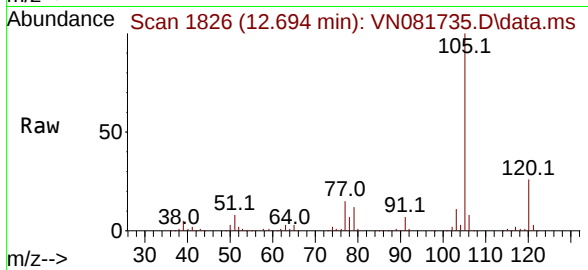
120 26.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#74

N-ethyl acetate

Concen: 19.888 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion: 43 Resp: 104889

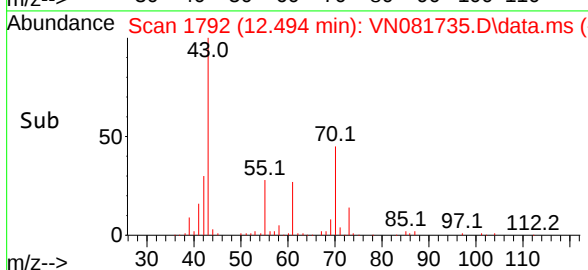
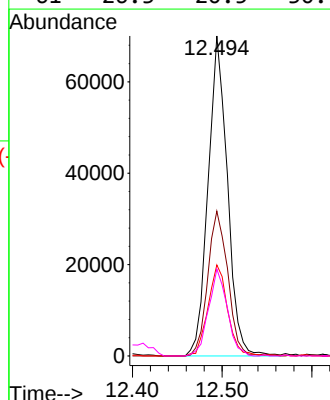
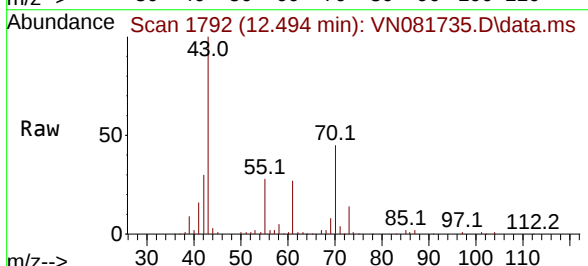
Ion Ratio Lower Upper

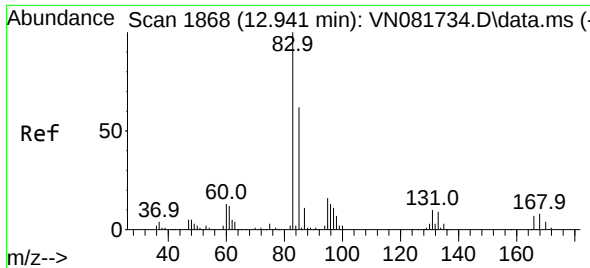
43 100

70 47.0 39.0 58.4

55 29.1 21.3 31.9

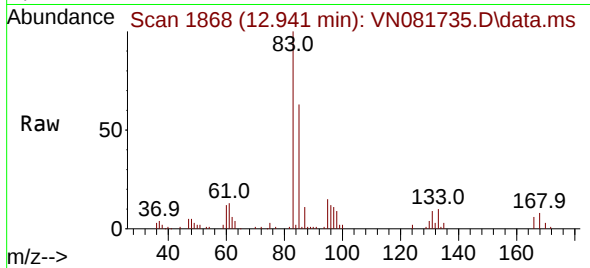
61 26.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.893 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

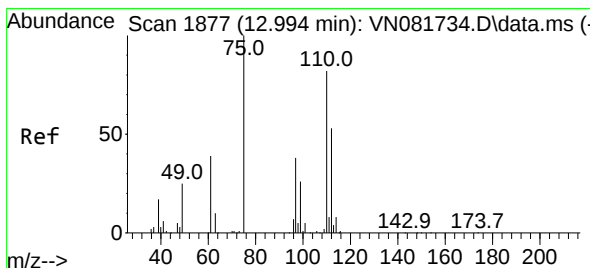
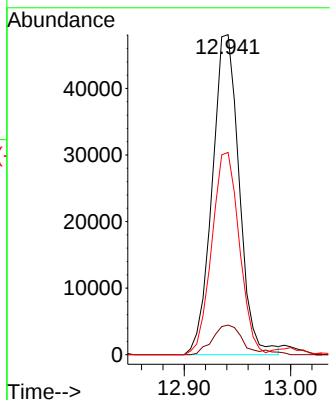
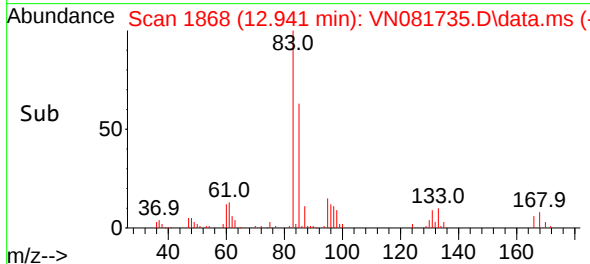
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 84694
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 64.3 32.9 98.6

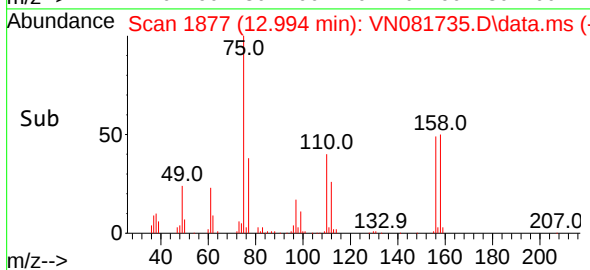
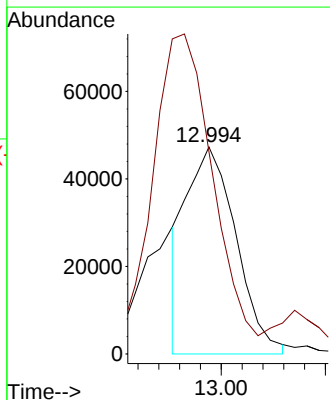
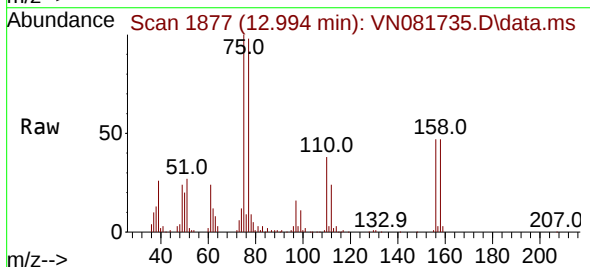
Manual Integrations
APPROVED

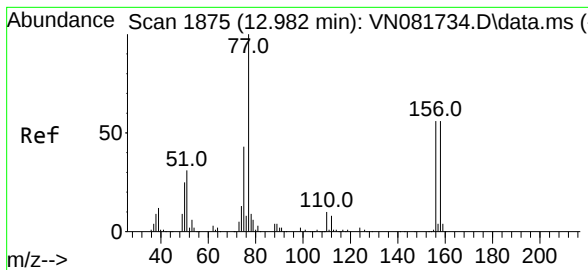
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#76
1,2,3-Trichloropropane
Concen: 19.748 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 75 Resp: 78809
Ion Ratio Lower Upper
75 100
77 189.3 90.5 271.3





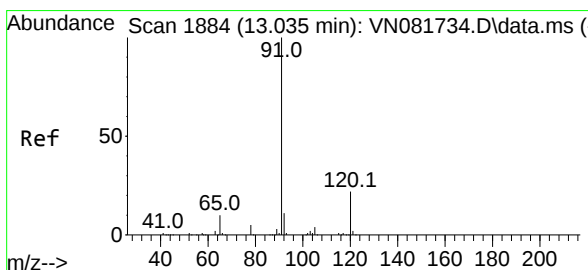
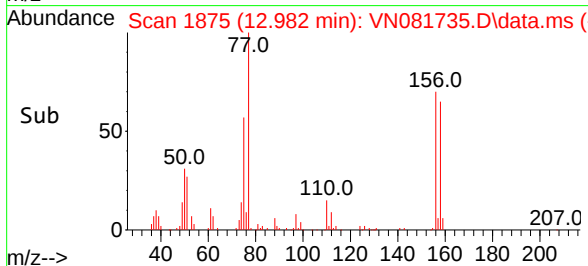
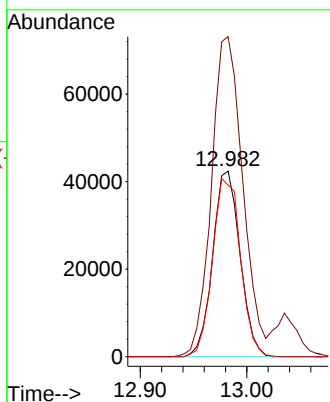
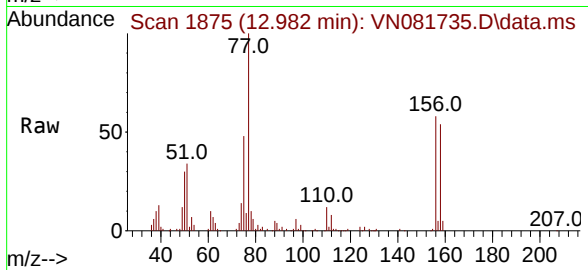
#77
Bromobenzene
Concen: 20.412 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 75409
Ion Ratio Lower Upper
156 100
77 197.8 100.2 300.6
158 98.4 49.1 147.3

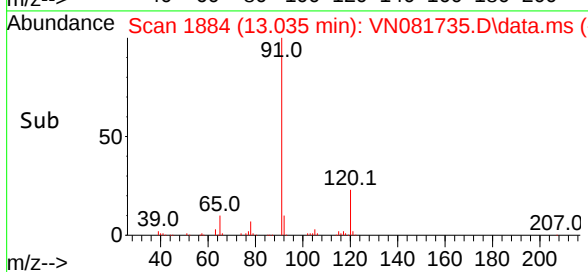
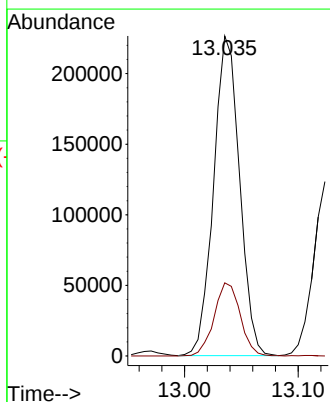
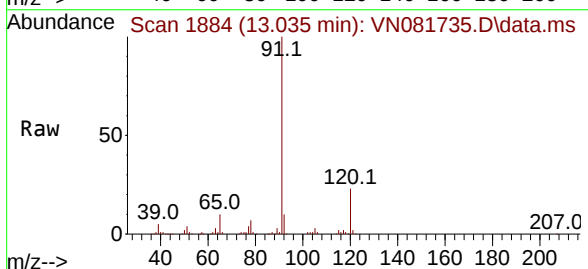
Manual Integrations
APPROVED

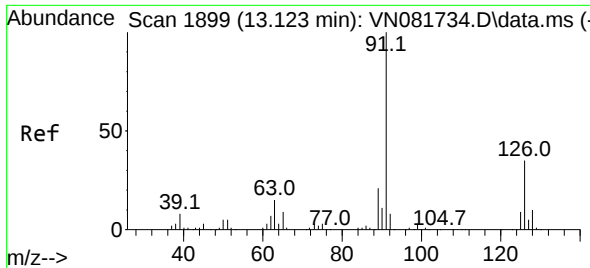
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#78
n-propylbenzene
Concen: 21.403 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Tgt Ion: 91 Resp: 359895
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





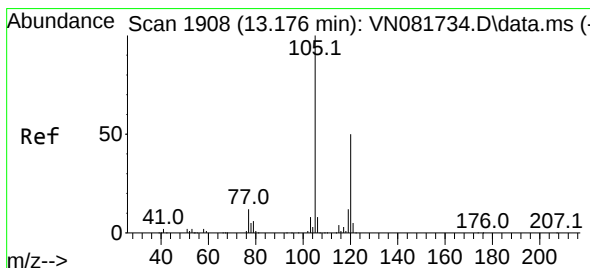
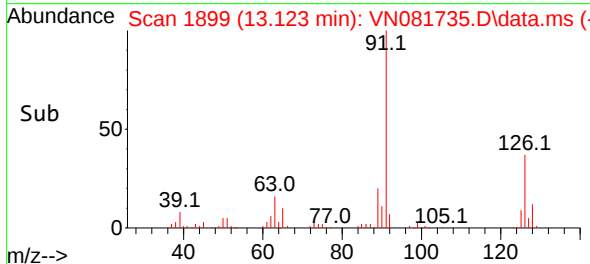
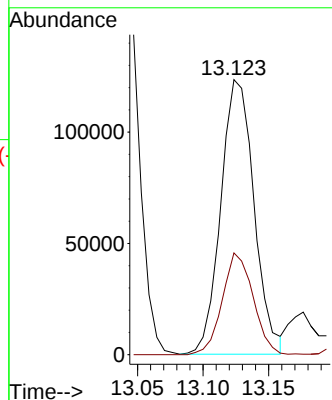
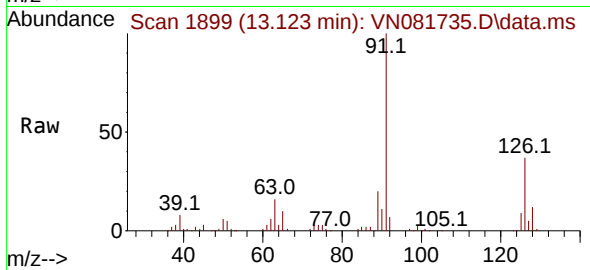
#79
2-Chlorotoluene
Concen: 20.785 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 21785
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

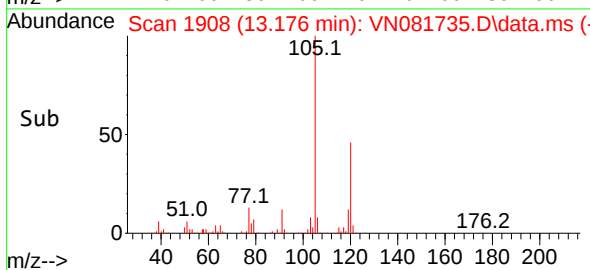
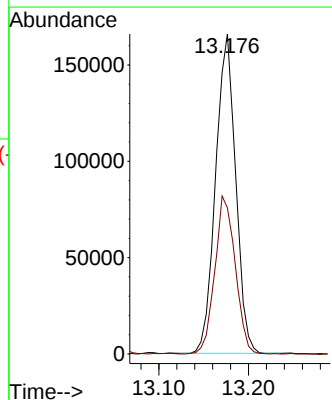
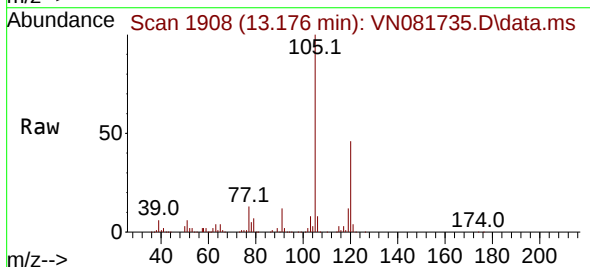
Manual Integrations
APPROVED

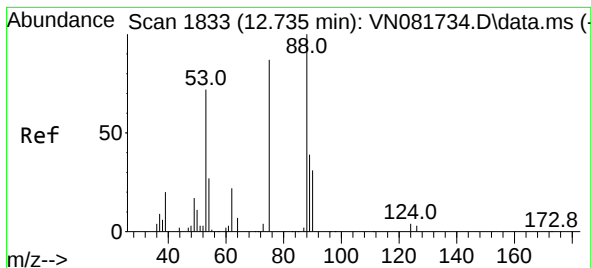
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.710 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

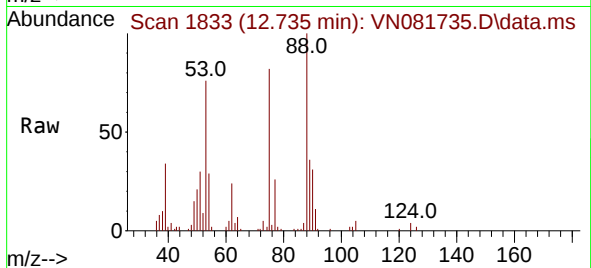
Tgt Ion:105 Resp: 256985
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.523 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

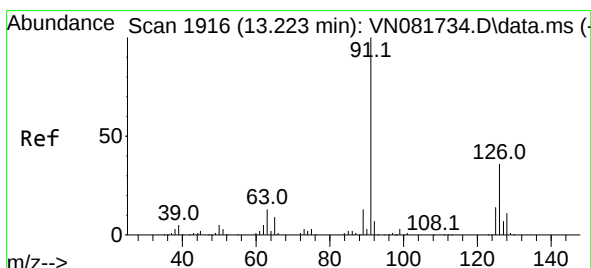
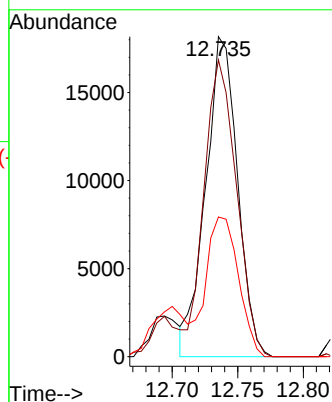
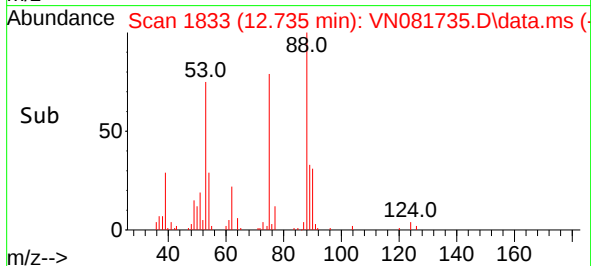
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 3076
Ion Ratio Lower Upper
75 100
53 92.9 72.9 109.3
89 45.0 39.1 58.7

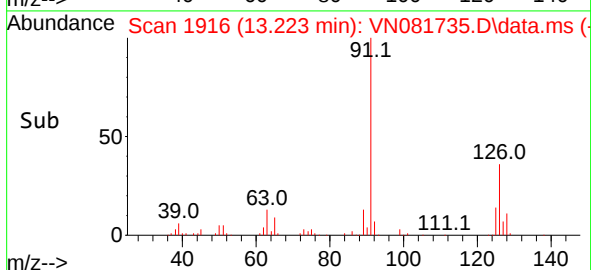
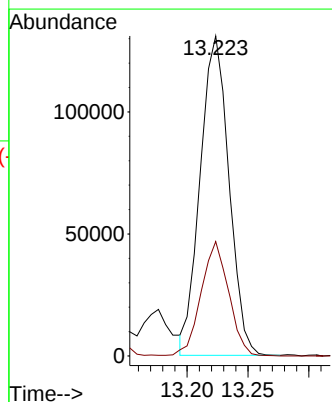
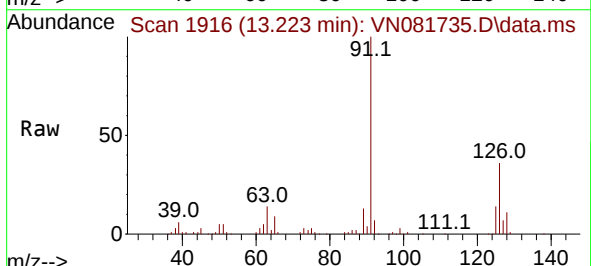
Manual Integrations
APPROVED

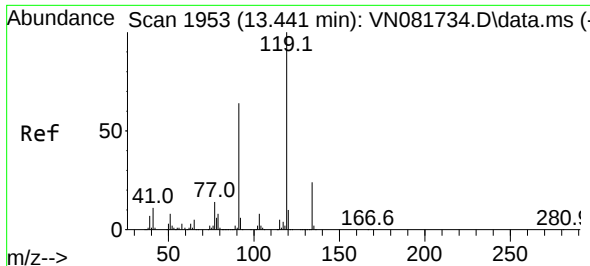
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024



#82
4-Chlorotoluene
Concen: 20.777 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

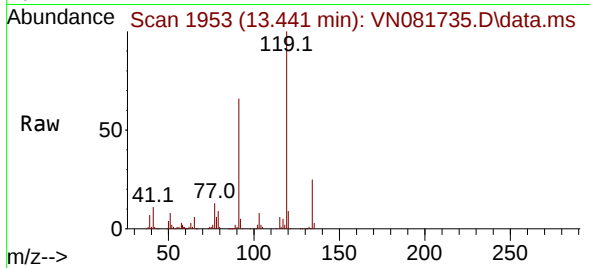
Tgt Ion: 91 Resp: 215139
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3





#83
tert-Butylbenzene
Concen: 21.829 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

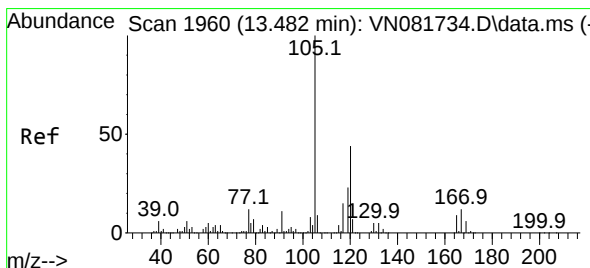
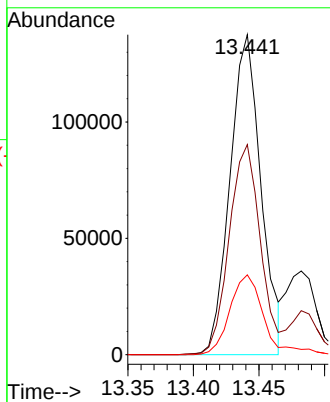
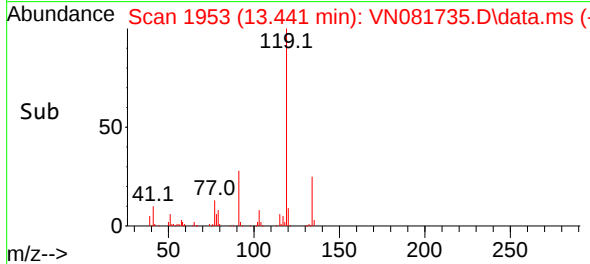
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



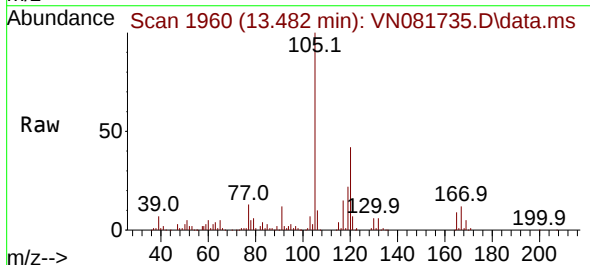
Tgt Ion:119 Resp: 226310
Ion Ratio Lower Upper
119 100
91 65.8 32.6 97.8
134 27.2 12.4 37.0

Manual Integrations
APPROVED

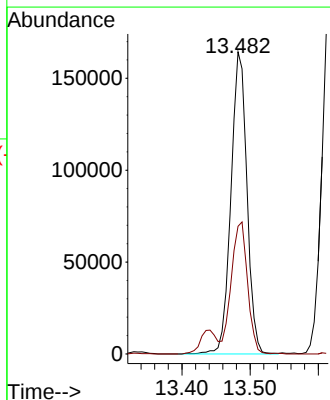
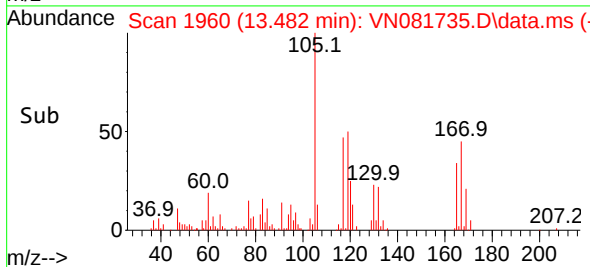
Reviewed By :John Carbone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

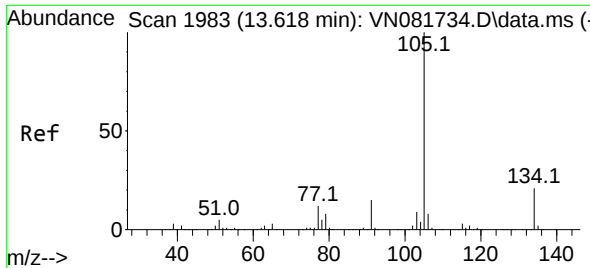


#84
1,2,4-Trimethylbenzene
Concen: 22.499 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



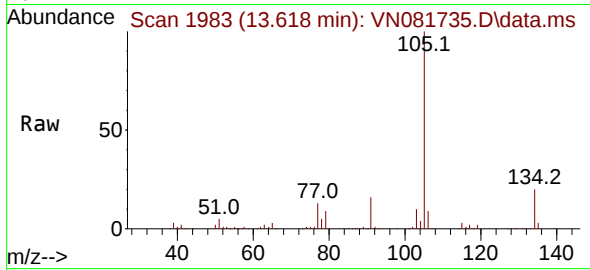
Tgt Ion:105 Resp: 268648
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 22.046 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

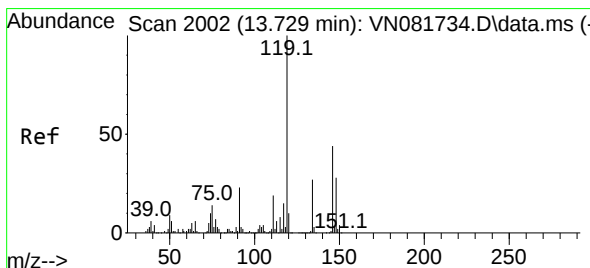
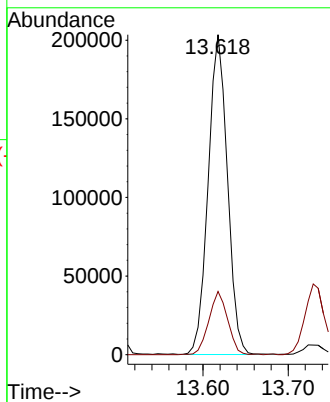
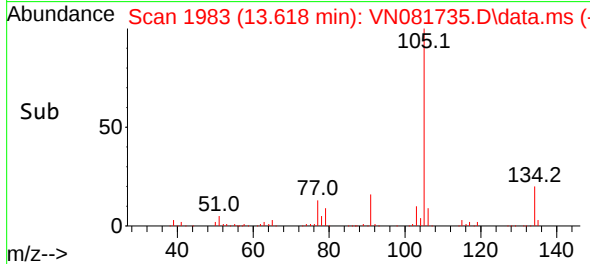
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 318954
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

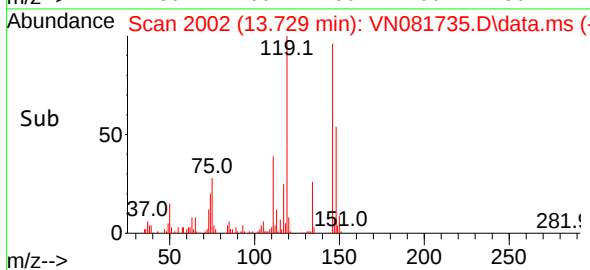
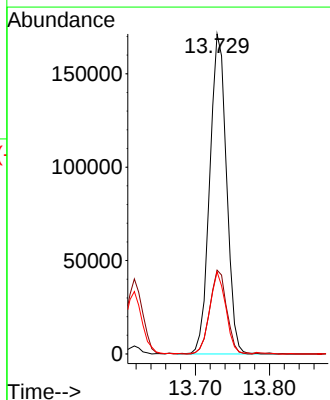
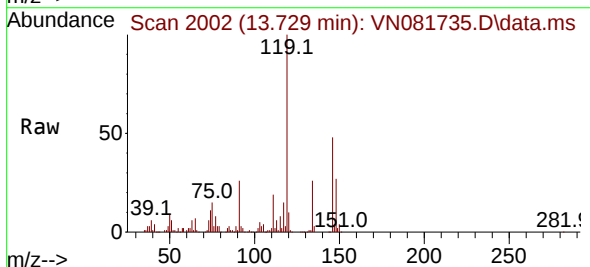
Manual Integrations
 APPROVED

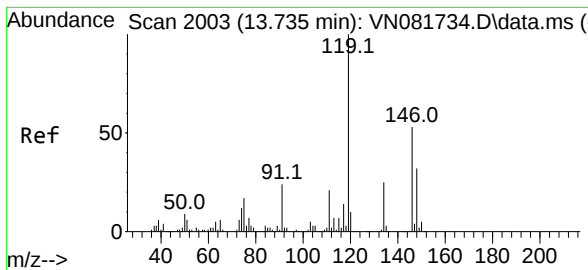
Reviewed By :John Carlone 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/16/2024



#86
 p-Isopropyltoluene
 Concen: 22.700 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

Tgt Ion:119 Resp: 269188
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.8 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 20.837 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

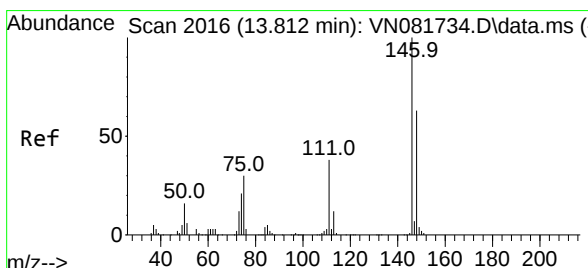
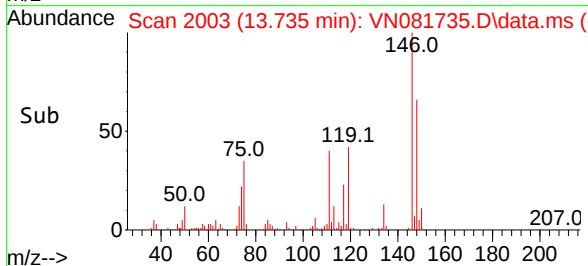
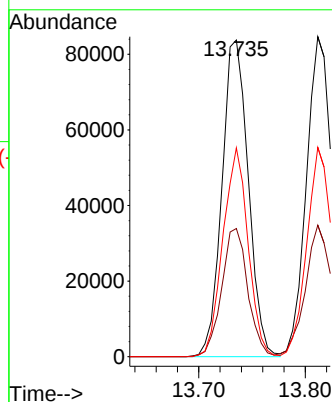
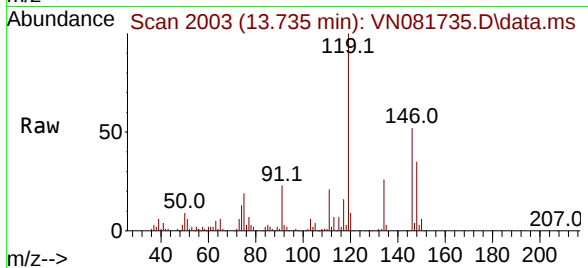
Tgt Ion:146 Resp: 14388
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.5
 148 63.0 32.1 96.3

Manual Integrations

APPROVED

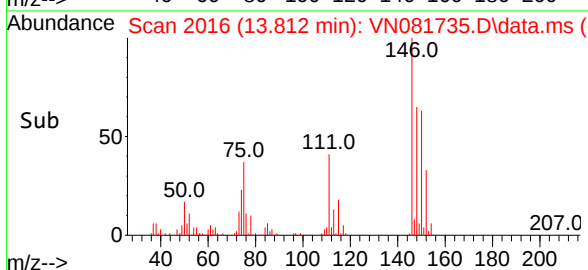
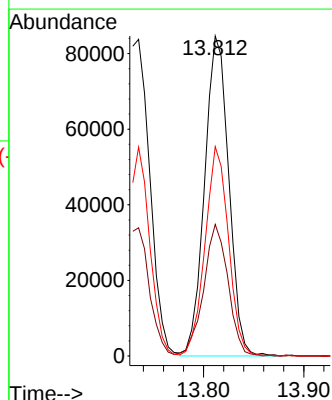
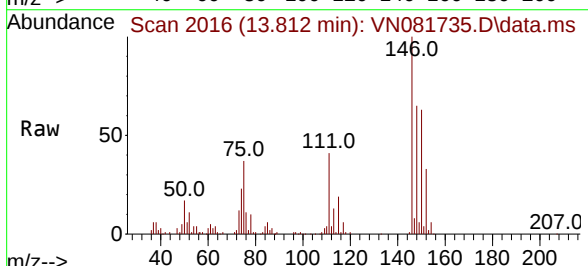
Reviewed By :John Carlone 04/15/2024

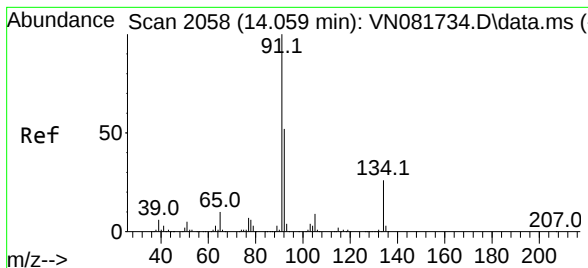
Supervised By :Semsettin Yesilyurt 04/16/2024



#88
 1,4-Dichlorobenzene
 Concen: 20.571 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081735.D
 Acq: 15 Apr 2024 12:59

Tgt Ion:146 Resp: 141841
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.3 57.9
 148 63.2 31.3 93.9





#89

n-Butylbenzene

Concen: 20.879 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

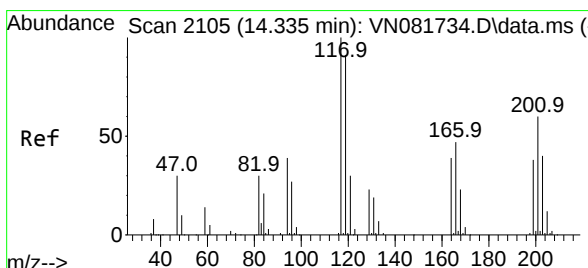
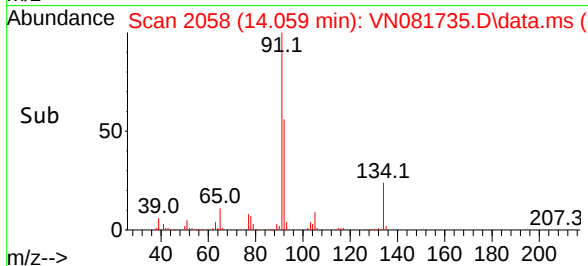
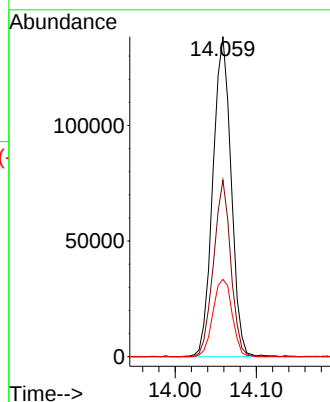
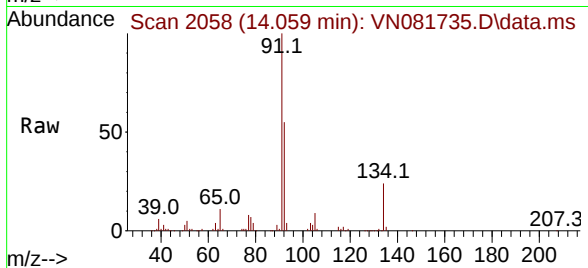
Tgt Ion:	91	Resp:	21647
Ion Ratio	Lower	Upper	
91	100		
92	52.0	26.2	78.5
134	25.3	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#90

Hexachloroethane

Concen: 20.387 ug/l

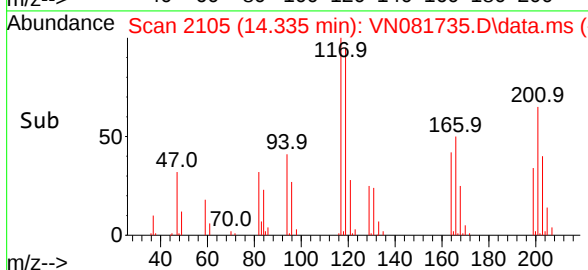
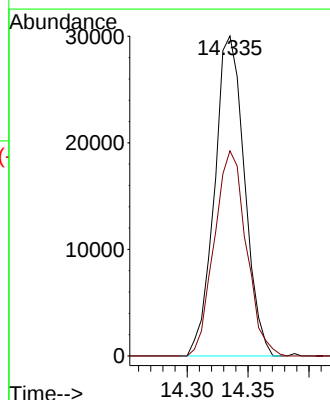
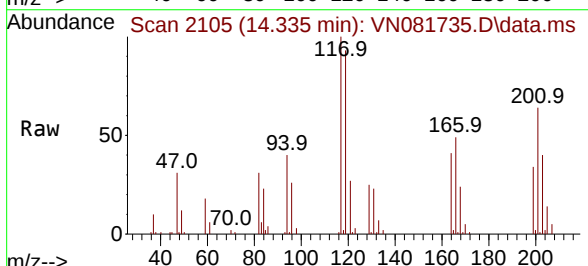
RT: 14.335 min Scan# 2105

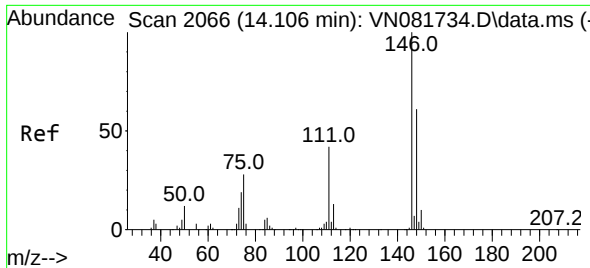
Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

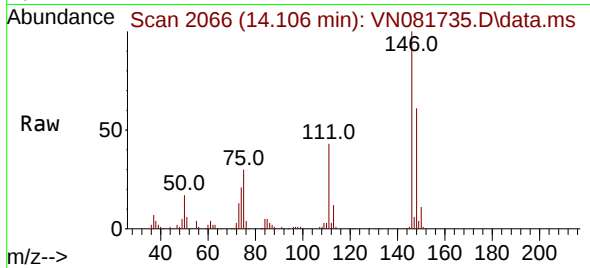
Tgt Ion:	117	Resp:	51463
Ion Ratio	Lower	Upper	
117	100		
201	68.4	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 20.795 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59

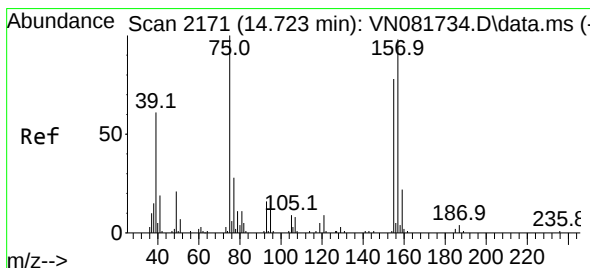
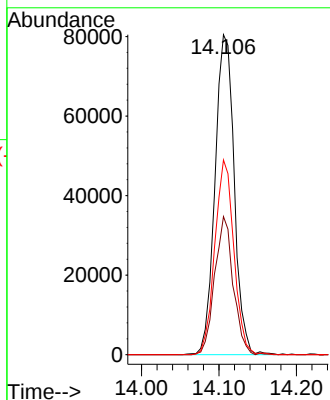
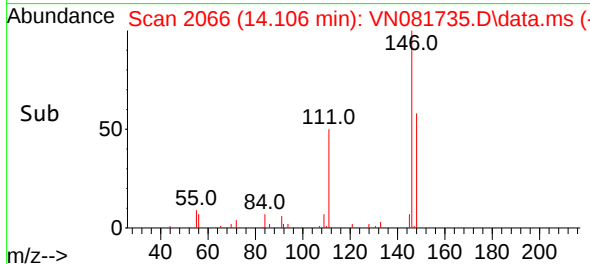
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



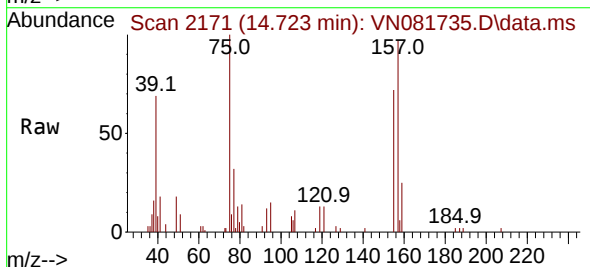
Tgt Ion:146 Resp: 138979
Ion Ratio Lower Upper
146 100
111 41.8 21.3 64.0
148 60.4 31.8 95.4

Manual Integrations
APPROVED

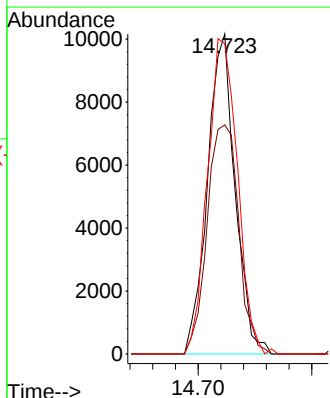
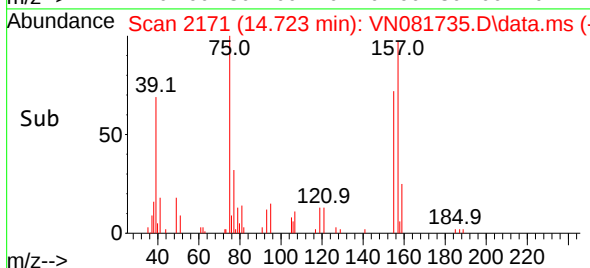
Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

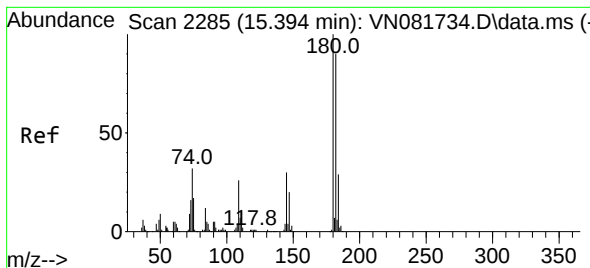


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.434 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081735.D
Acq: 15 Apr 2024 12:59



Tgt Ion: 75 Resp: 17170
Ion Ratio Lower Upper
75 100
155 81.6 42.6 128.0
157 106.9 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.986 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

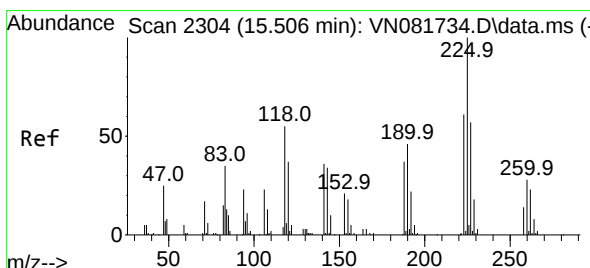
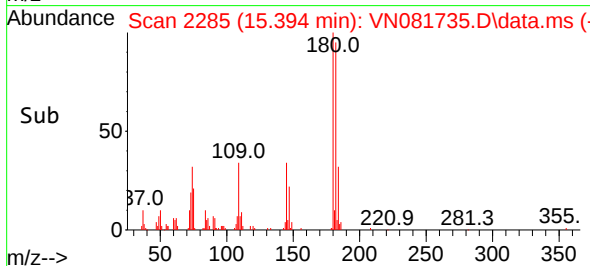
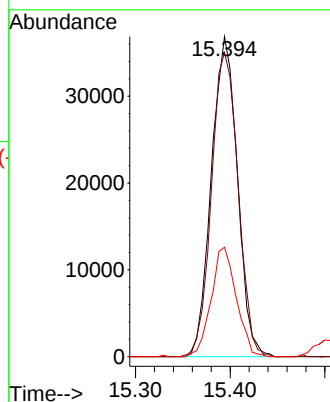
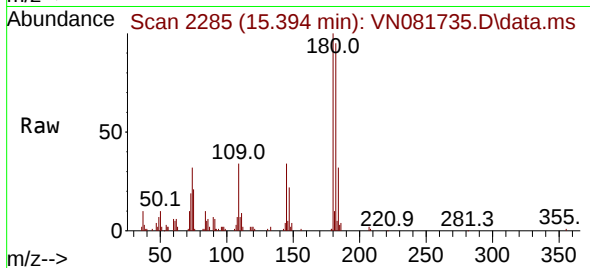
Tgt Ion:180	Resp:	70362
Ion Ratio	Lower	Upper
180	100	
182	96.8	46.7 140.0
145	33.1	16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#94

Hexachlorobutadiene

Concen: 20.610 ug/l

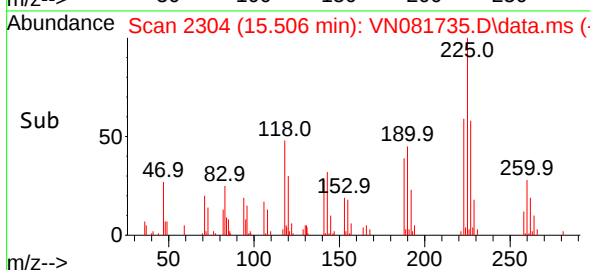
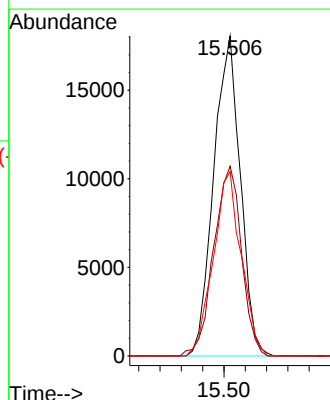
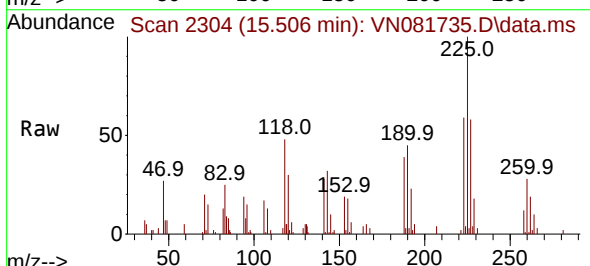
RT: 15.506 min Scan# 2304

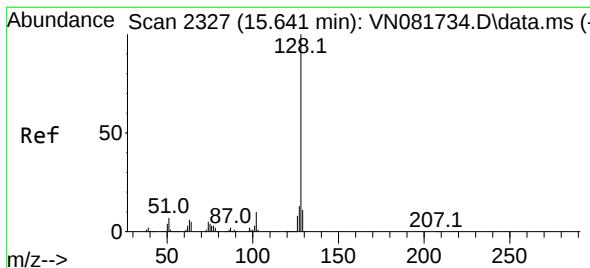
Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion:225	Resp:	31278
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.1 93.2
227	60.4	30.6 91.6





#95

Naphthalene

Concen: 21.094 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 23726

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

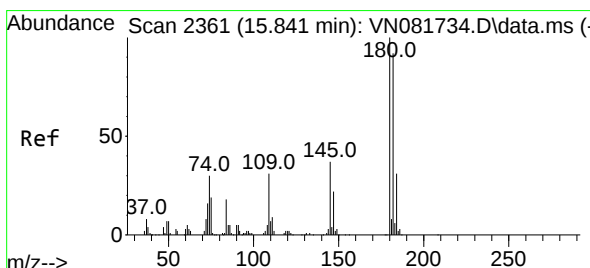
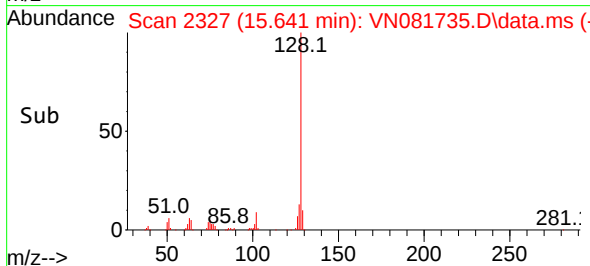
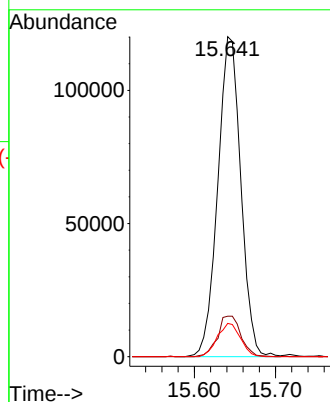
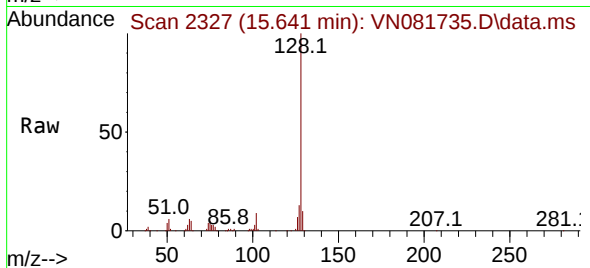
129 10.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Semsettin Yesilyurt 04/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.607 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081735.D

Acq: 15 Apr 2024 12:59

Tgt Ion:180 Resp: 74175

Ion Ratio Lower Upper

180 100

182 91.4 46.0 137.8

145 33.3 17.1 51.3

