

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081548.D
 Acq On : 22 Mar 2024 15:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 00:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	456379	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	769846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	686061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	336107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	278589	47.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	8.171	113	246180	50.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.565	98	893941	50.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.847	95	313925	50.727	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	263033	42.803	ug/l	98
3) Chloromethane	2.359	50	256304	41.891	ug/l	94
4) Vinyl Chloride	2.518	62	297464	43.321	ug/l	96
5) Bromomethane	2.959	94	191973	39.533	ug/l	96
6) Chloroethane	3.124	64	191924	40.709	ug/l	97
7) Trichlorofluoromethane	3.506	101	478427	46.751	ug/l	91
8) Diethyl Ether	3.959	74	167060	49.328	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	273965	47.116	ug/l	89
10) Methyl Iodide	4.595	142	296521	51.208	ug/l	98
11) Tert butyl alcohol	5.506	59	182181	179.622	ug/l	99
12) 1,1-Dichloroethene	4.342	96	251813	46.753	ug/l	86
13) Acrolein	4.177	56	248673	273.234	ug/l	98
14) Allyl chloride	5.024	41	314486	46.597	ug/l #	83
15) Acrylonitrile	5.706	53	562602	207.344	ug/l	97
16) Acetone	4.424	43	352115	187.206	ug/l	97
17) Carbon Disulfide	4.712	76	658751	42.621	ug/l	96
18) Methyl Acetate	5.024	43	257180	44.351	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	824549	48.917	ug/l	96
20) Methylene Chloride	5.277	84	282156	45.795	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	278973	46.454	ug/l	87
22) Diisopropyl ether	6.671	45	786615	50.162	ug/l #	92
23) Vinyl Acetate	6.600	43	2970161	237.953	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	495092	47.137	ug/l	95
25) 2-Butanone	7.477	43	647939	200.841	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	460895	50.594	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	331646	48.809	ug/l	85
28) Bromochloromethane	7.812	49	183677	42.935	ug/l #	53
29) Tetrahydrofuran	7.835	42	454735	209.234	ug/l #	78
30) Chloroform	7.965	83	538445	47.888	ug/l	98
31) Cyclohexane	8.253	56	417277	44.059	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	481743	47.224	ug/l	93
36) 1,1-Dichloropropene	8.371	75	401283	49.079	ug/l	96
37) Ethyl Acetate	7.559	43	285328	40.753	ug/l	96
38) Carbon Tetrachloride	8.365	117	425942	47.555	ug/l	94
39) Methylcyclohexane	9.600	83	458918	50.260	ug/l	85
40) Benzene	8.606	78	1169170	48.911	ug/l	98

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 VSTDC0050EC

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	158816	42.893	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	395493	47.013	ug/l	97
43) Isopropyl Acetate	8.682	43	509188	43.875	ug/l #	89
44) Trichloroethene	9.347	130	328241	48.823	ug/l	90
45) 1,2-Dichloropropane	9.618	63	291827	50.374	ug/l	98
46) Dibromomethane	9.706	93	209227	47.557	ug/l #	87
47) Bromodichloromethane	9.888	83	430827	50.086	ug/l #	99
48) Methyl methacrylate	9.677	41	237526	44.373	ug/l #	81
49) 1,4-Dioxane	9.700	88	97875	760.849	ug/l #	66
51) 4-Methyl-2-Pentanone	10.441	43	1506945	212.797	ug/l	91
52) Toluene	10.629	92	747758	49.216	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	452187	48.684	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	493295	49.535	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	286603	46.874	ug/l	93
56) Ethyl methacrylate	10.871	69	406420	45.153	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	489562	48.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	951332	247.270	ug/l #	84
59) 2-Hexanone	11.194	43	1090426	208.267	ug/l	89
60) Dibromochloromethane	11.359	129	320592	47.676	ug/l	98
61) 1,2-Dibromoethane	11.471	107	293790	47.129	ug/l	96
64) Tetrachloroethene	11.106	164	332060	50.635	ug/l	88
65) Chlorobenzene	11.888	112	797759	49.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	301394	50.140	ug/l	97
67) Ethyl Benzene	11.965	91	1441178	51.155	ug/l	100
68) m/p-Xylenes	12.070	106	1113457	105.426	ug/l	95
69) o-Xylene	12.400	106	541741	52.249	ug/l	91
70) Styrene	12.412	104	899778	53.807	ug/l	96
71) Bromoform	12.576	173	206837	45.791	ug/l #	98
73) Isopropylbenzene	12.694	105	1420505	49.581	ug/l	97
74) N-amyl acetate	12.494	43	457657	44.141	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	352825	41.886	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	314661m	39.138	ug/l	
77) Bromobenzene	12.982	156	324425	45.840	ug/l	69
78) n-propylbenzene	13.035	91	1661650	49.111	ug/l	95
79) 2-Chlorotoluene	13.123	91	962781	47.544	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1170905	49.481	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	130066	43.717	ug/l	97
82) 4-Chlorotoluene	13.223	91	969741	48.572	ug/l	93
83) tert-Butylbenzene	13.441	119	1002744	49.140	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1192603	50.144	ug/l	95
85) sec-Butylbenzene	13.617	105	1451810	49.769	ug/l	93
86) p-Isopropyltoluene	13.729	119	1226275	51.426	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	623783	47.971	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	631972	46.937	ug/l	96
89) n-Butylbenzene	14.059	91	1079399	51.048	ug/l	97
90) Hexachloroethane	14.335	117	212280	47.006	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	615479	49.177	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	72696	40.551	ug/l	67
93) 1,2,4-Trichlorobenzene	15.394	180	366523	50.649	ug/l	98
94) Hexachlorobutadiene	15.500	225	148726	46.841	ug/l	96
95) Naphthalene	15.641	128	1162707	49.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	353714	48.594	ug/l	98

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ClientSampleId :
VSTDCCC050EC

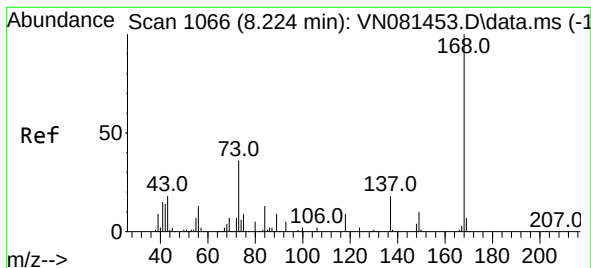
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081548.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 456379

Ion Ratio Lower Upper

168 100

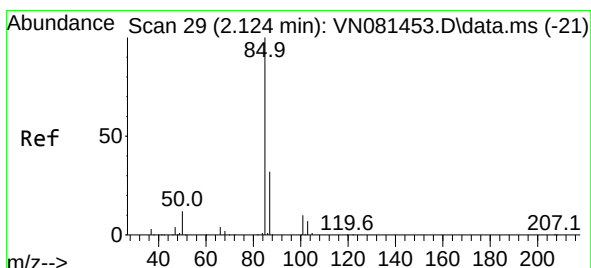
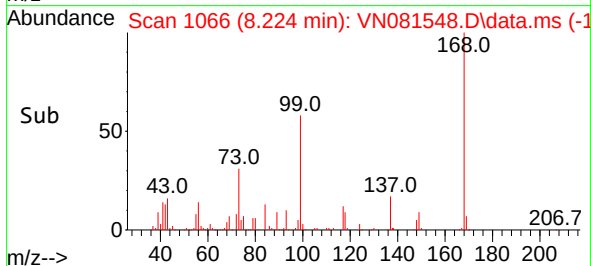
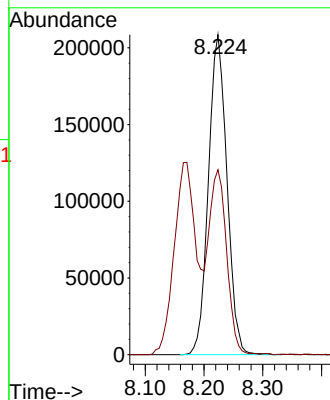
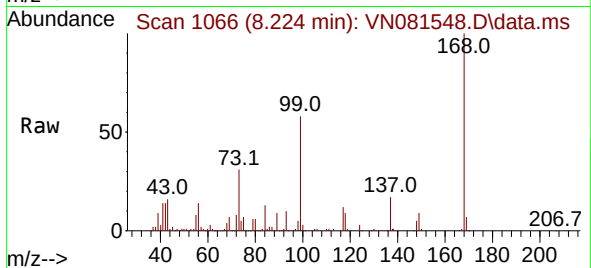
99 57.7 59.9 89.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.803 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081548.D

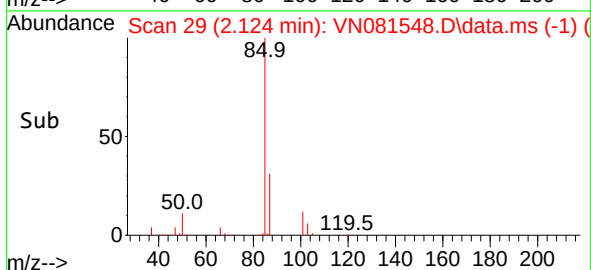
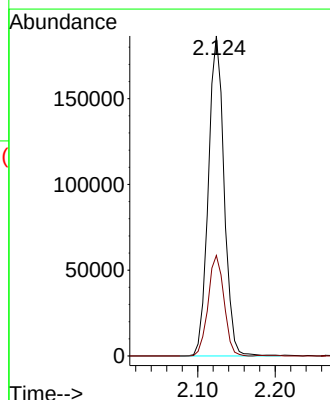
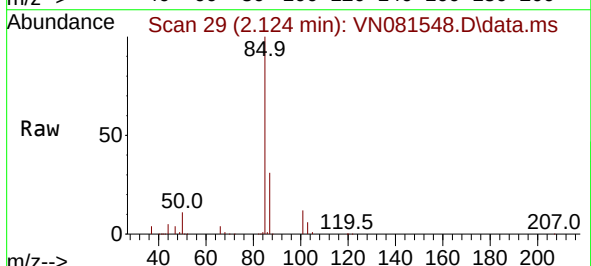
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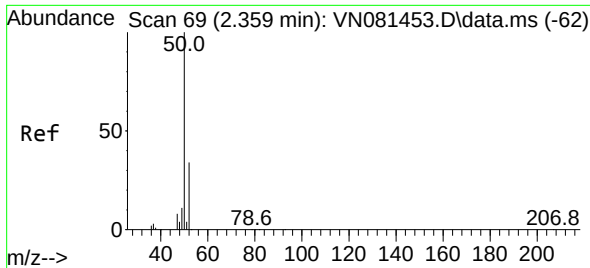
Tgt Ion: 85 Resp: 263033

Ion Ratio Lower Upper

85 100

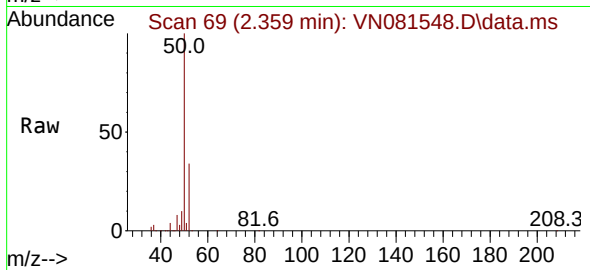
87 31.4 15.3 45.9





#3
Chloromethane
Concen: 41.891 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

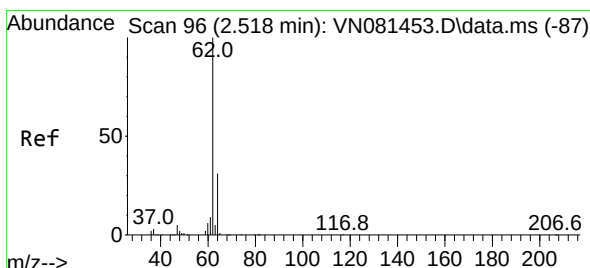
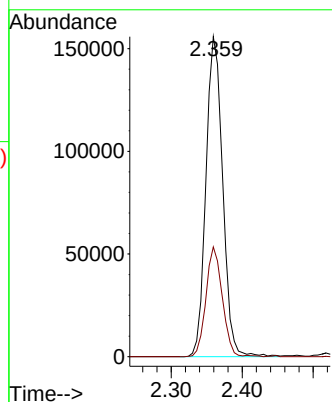
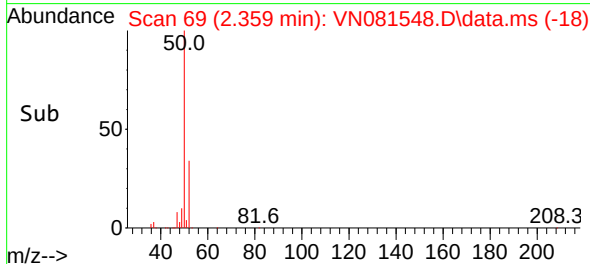
Instrument :
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VSTDCCC050EC



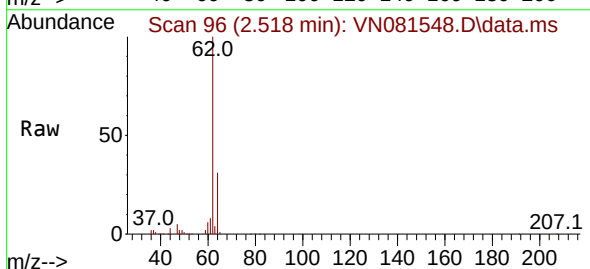
Tgt Ion: 50 Resp: 256304
Ion Ratio Lower Upper
50 100
52 34.3 25.0 37.4

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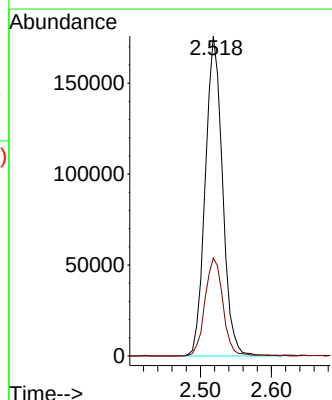
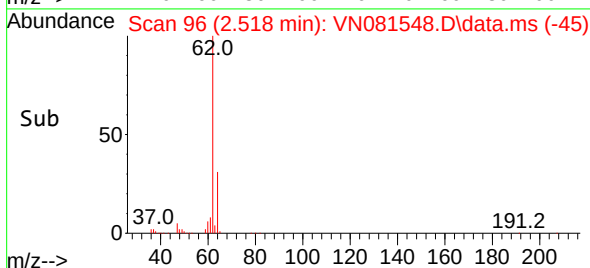
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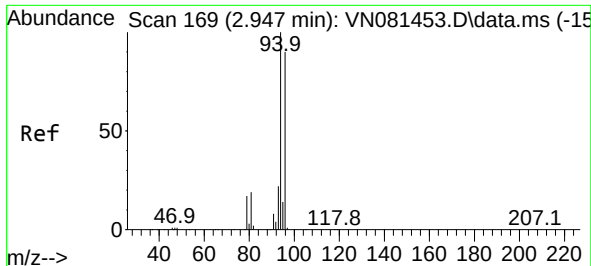


#4
Vinyl Chloride
Concen: 43.321 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



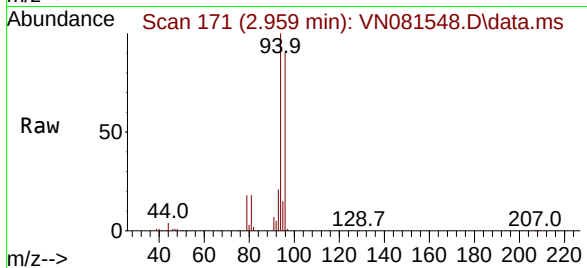
Tgt Ion: 62 Resp: 297464
Ion Ratio Lower Upper
62 100
64 30.6 22.7 34.1





#5
Bromomethane
Concen: 39.533 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

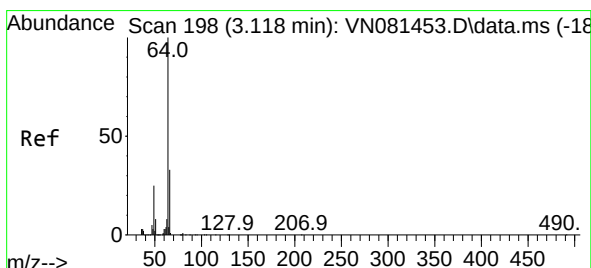
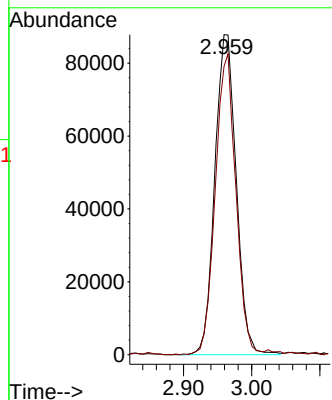
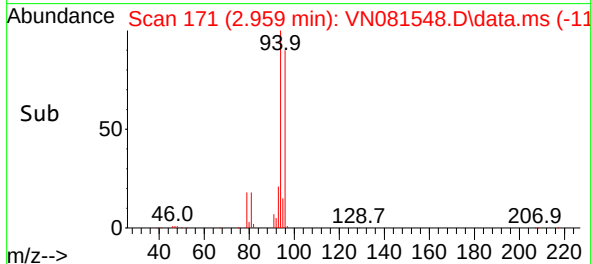
Instrument :
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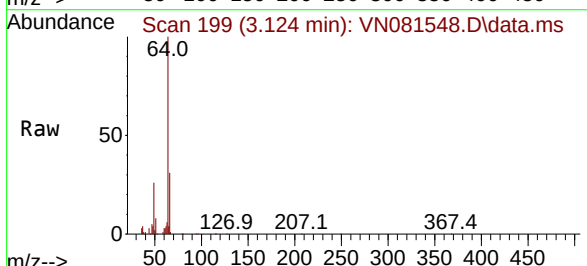
Tgt Ion: 94 Resp: 191973
Ion Ratio Lower Upper
94 100
96 90.1 69.2 103.8

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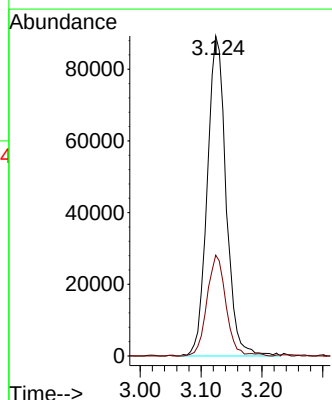
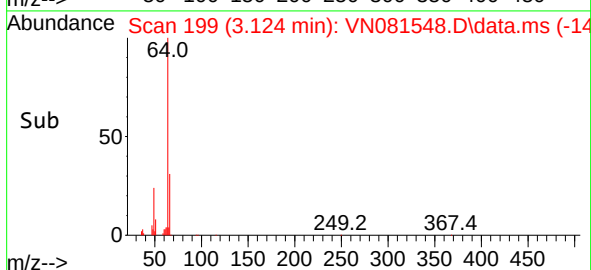
Reviewed By :John Carlone 03/25/2024
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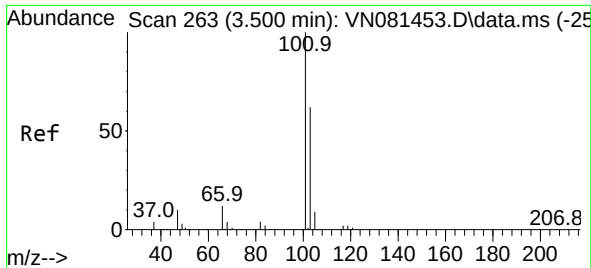


#6
Chloroethane
Concen: 40.709 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



Tgt Ion: 64 Resp: 191924
Ion Ratio Lower Upper
64 100
66 31.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 46.751 ug/l
 RT: 3.506 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

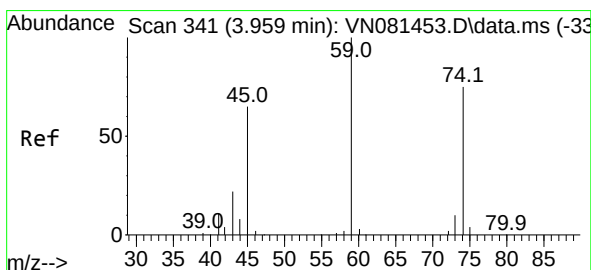
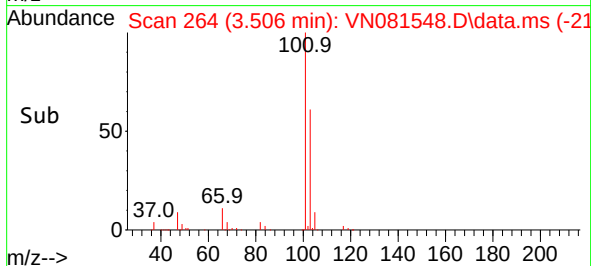
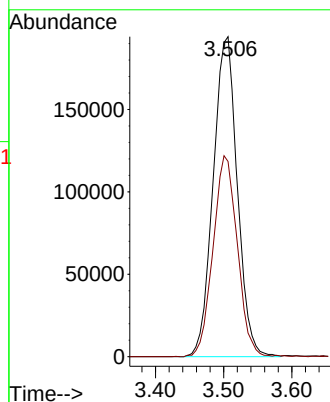
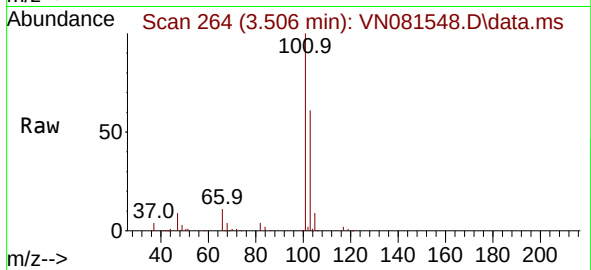
Tgt Ion:101 Resp: 47842
 Ion Ratio Lower Upper
 101 100
 103 61.0 54.4 81.6

Manual Integrations

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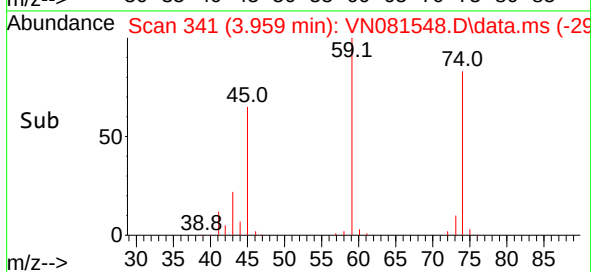
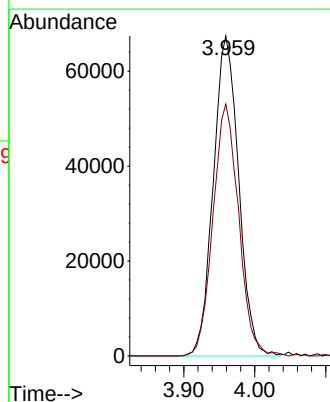
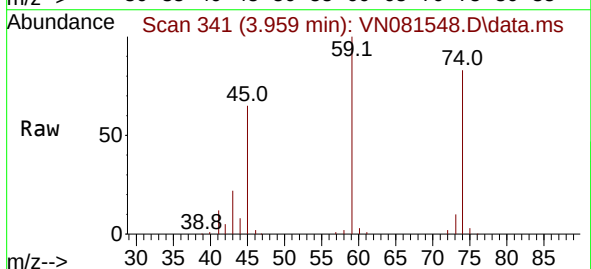
Reviewed By :John Carlone 03/25/2024

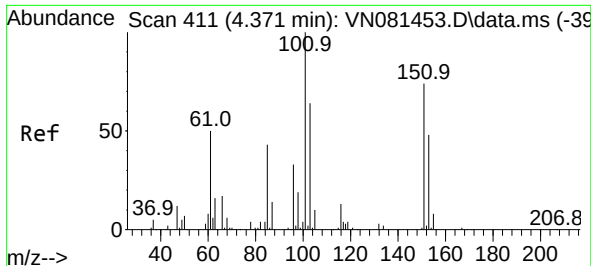
Supervised By :Semsettin Yesilyurt 03/25/2024



#8
 Diethyl Ether
 Concen: 49.328 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 167060
 Ion Ratio Lower Upper
 74 100
 45 79.8 53.3 159.9





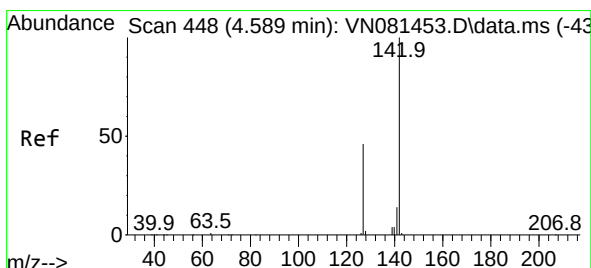
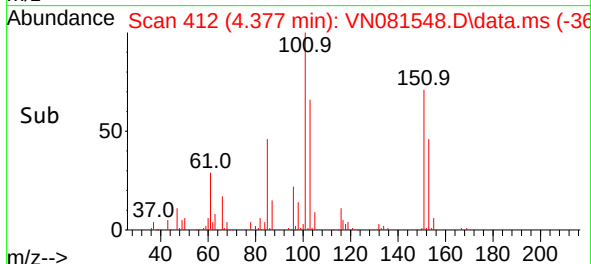
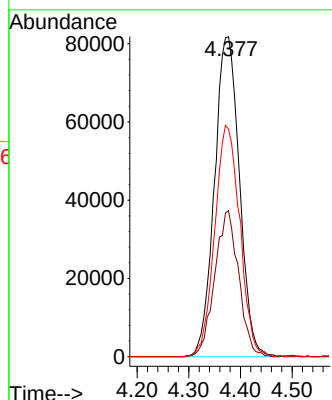
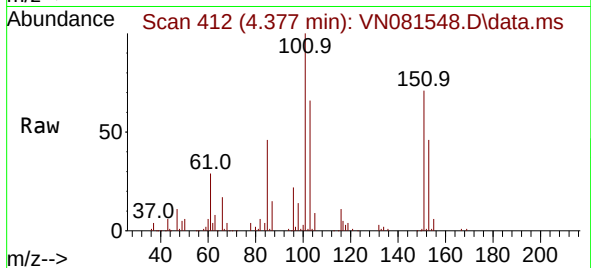
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.116 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 27396
Ion Ratio Lower Upper
101 100
85 43.8 38.1 57.1
151 72.7 49.1 73.7

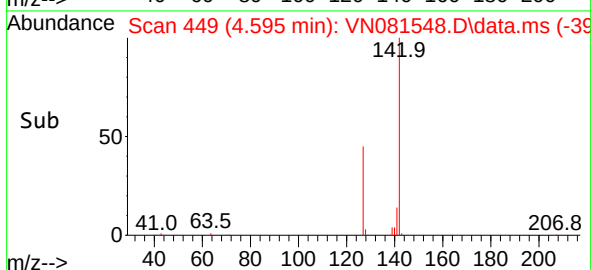
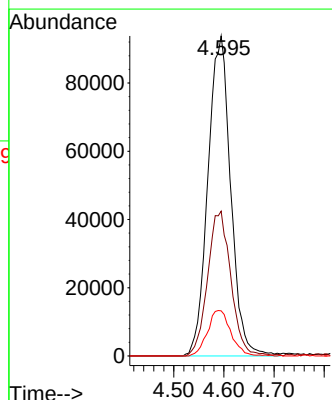
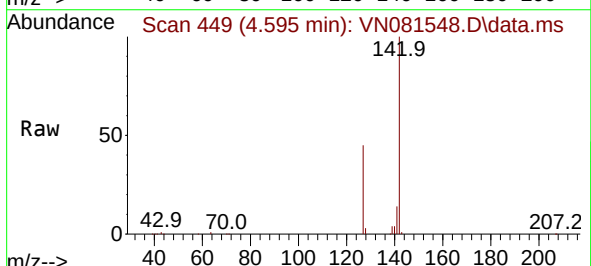
Manual Integrations
APPROVED

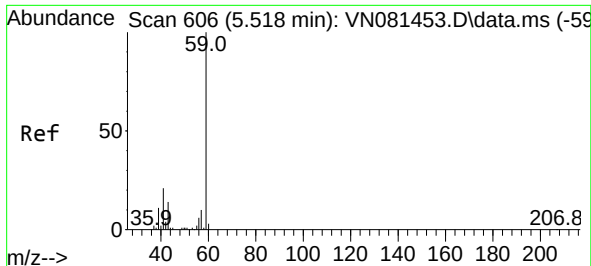
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#10
Methyl Iodide
Concen: 51.208 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

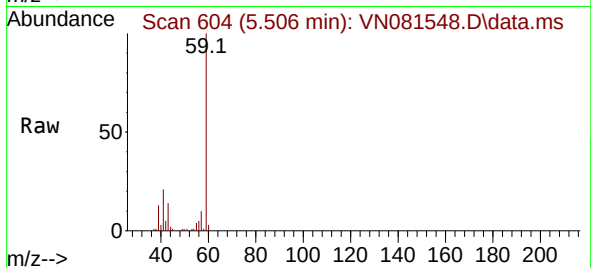
Tgt Ion:142 Resp: 296521
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.4
141 14.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 179.622 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

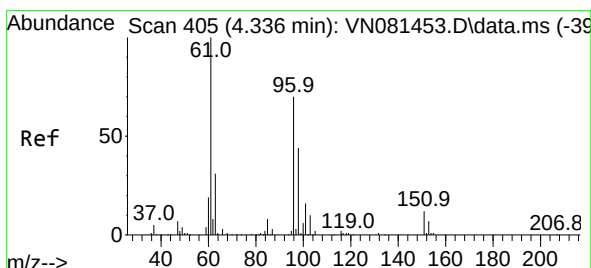
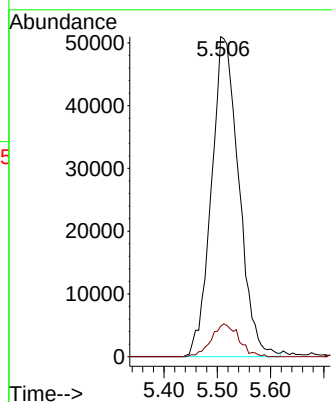
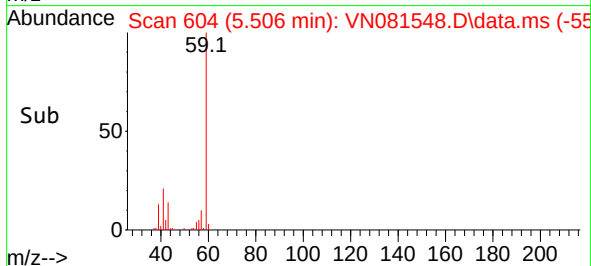
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



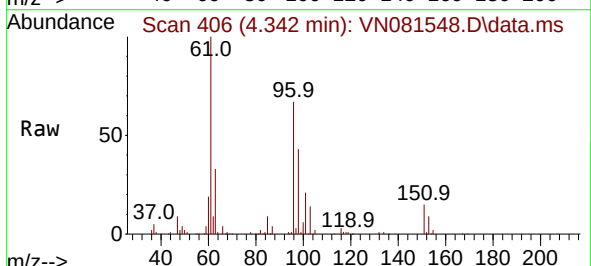
Tgt Ion: 59 Resp: 18218
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

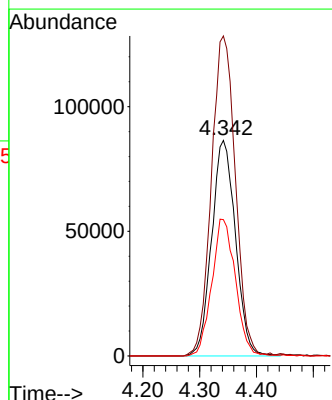
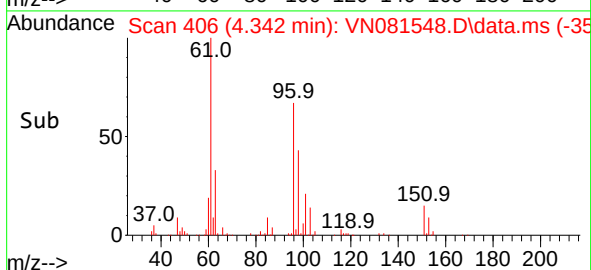
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

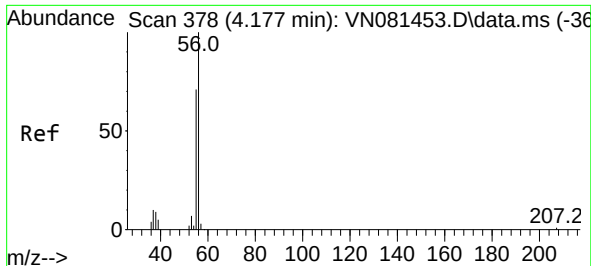


#12
1,1-Dichloroethene
Concen: 46.753 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



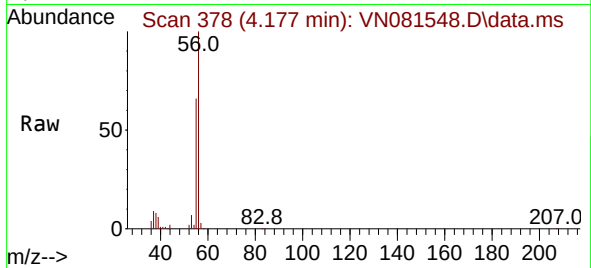
Tgt Ion: 96 Resp: 251813
Ion Ratio Lower Upper
96 100
61 148.4 138.2 207.4
98 63.2 49.2 73.8





#13
Acrolein
Concen: 273.234 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

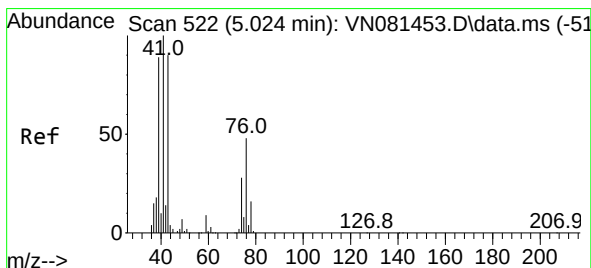
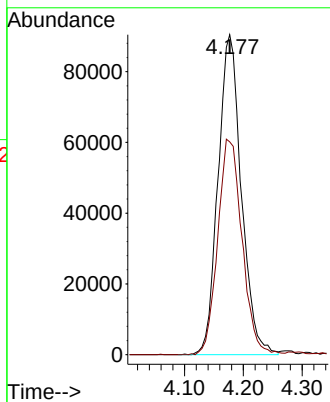
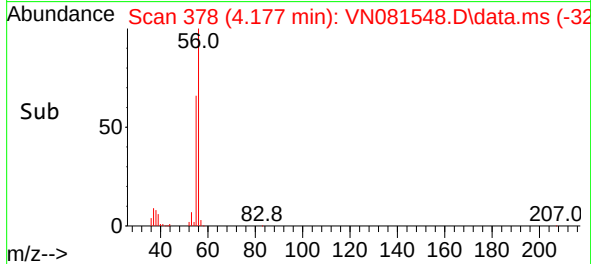
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



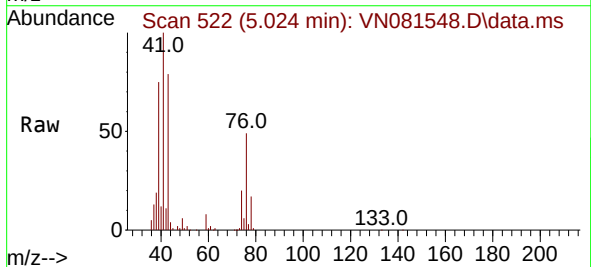
Tgt Ion: 56 Resp: 24867
Ion Ratio Lower Upper
56 100
55 70.4 55.3 82.9

Manual Integrations
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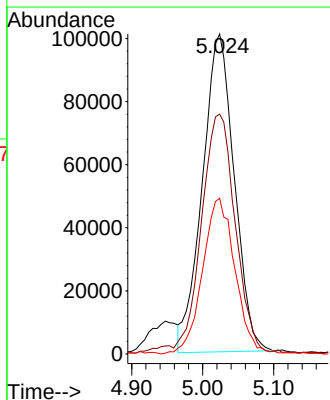
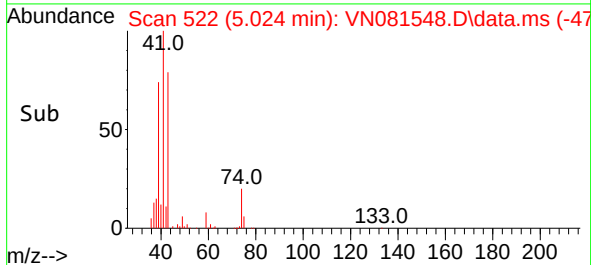
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

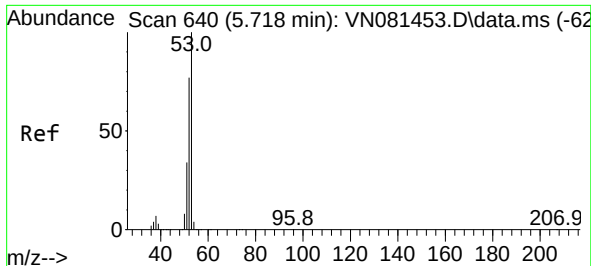


#14
Allyl chloride
Concen: 46.597 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



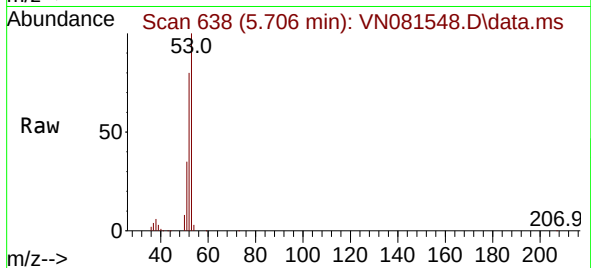
Tgt Ion: 41 Resp: 314486
Ion Ratio Lower Upper
41 100
39 81.6 57.7 86.5
76 49.9 26.8 40.2#





#15
Acrylonitrile
Concen: 207.344 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

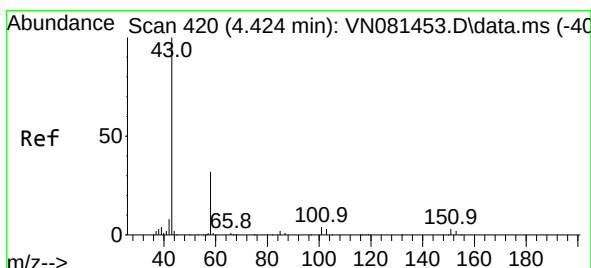
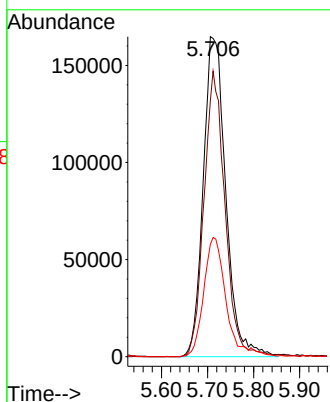
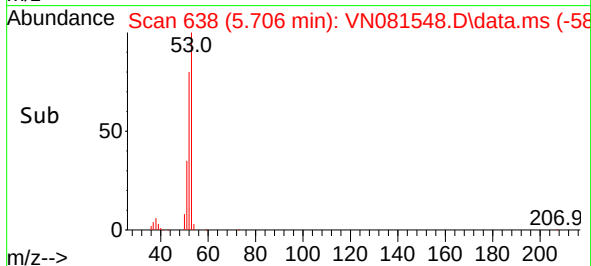
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 562602
Ion Ratio Lower Upper
53 100
52 82.9 64.8 97.2
51 36.8 26.9 40.3

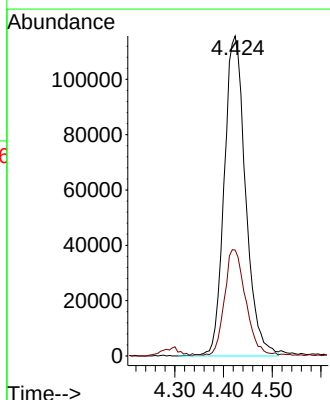
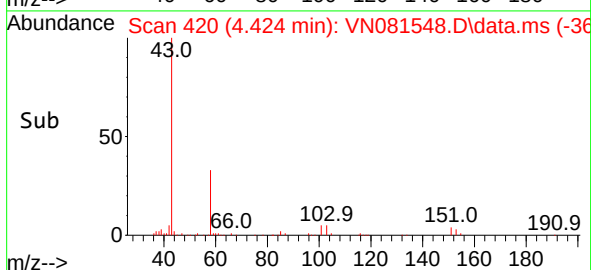
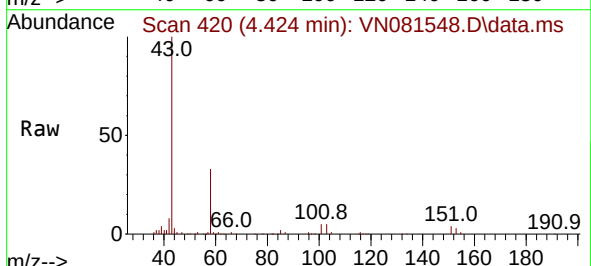
Manual Integrations
APPROVED

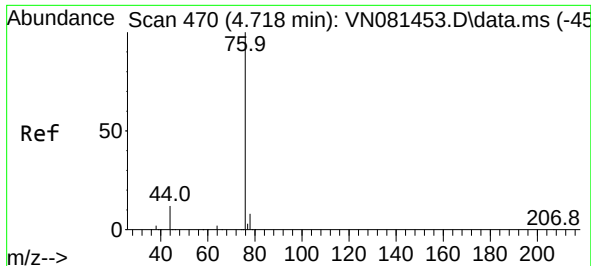
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#16
Acetone
Concen: 187.206 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

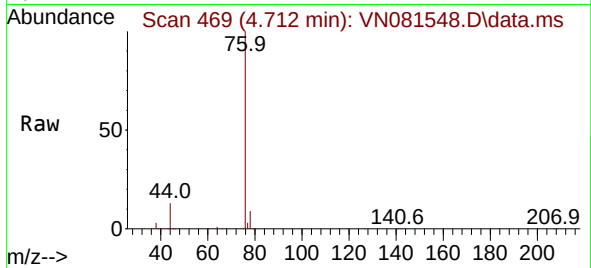
Tgt Ion: 43 Resp: 352115
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2





#17
Carbon Disulfide
Concen: 42.621 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

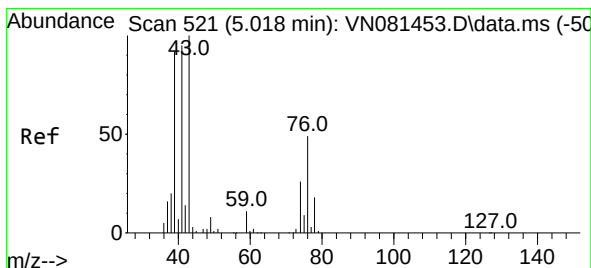
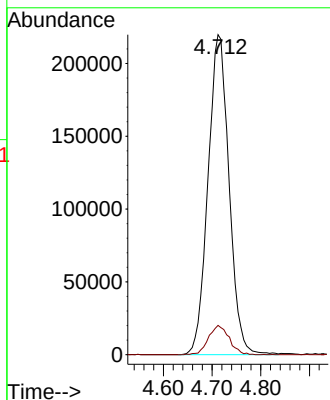
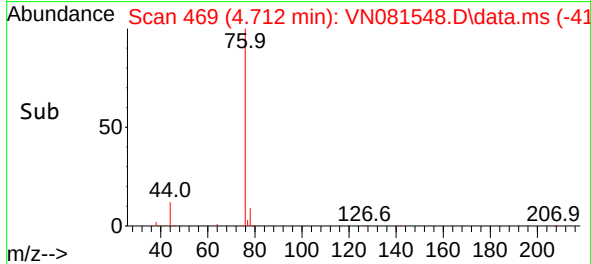
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 65875
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5

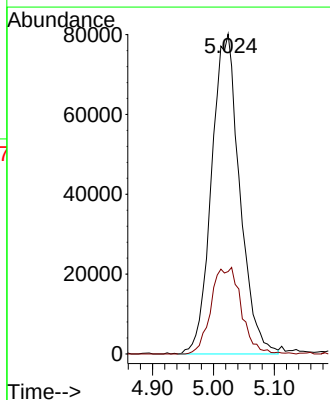
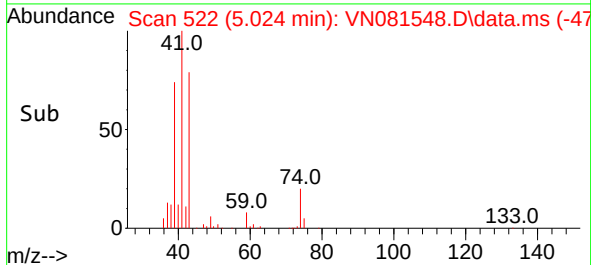
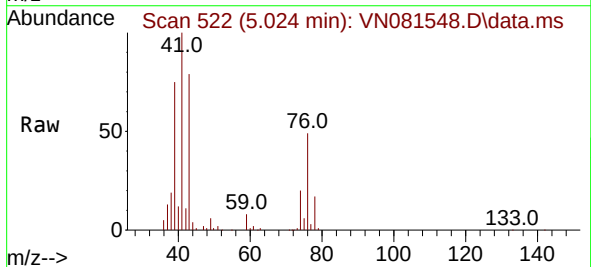
Manual Integrations
APPROVED

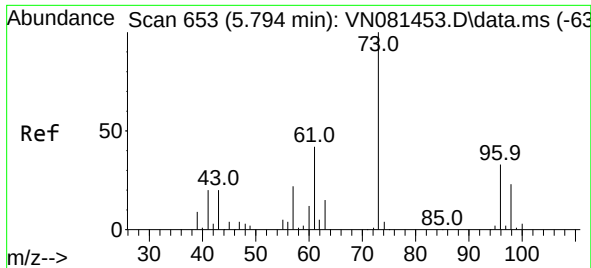
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#18
Methyl Acetate
Concen: 44.351 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion: 43 Resp: 257180
Ion Ratio Lower Upper
43 100
74 29.0 17.3 25.9#





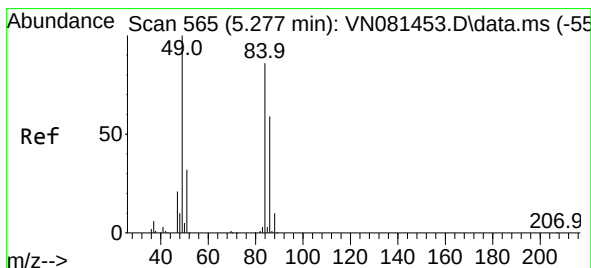
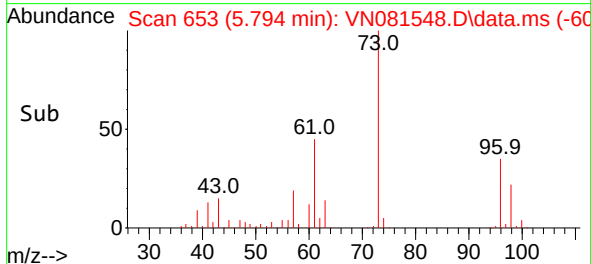
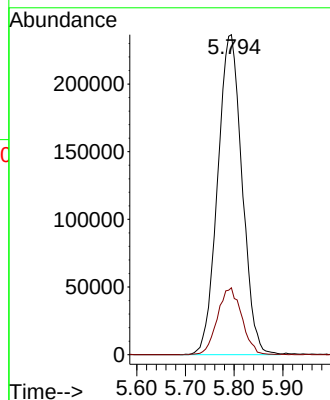
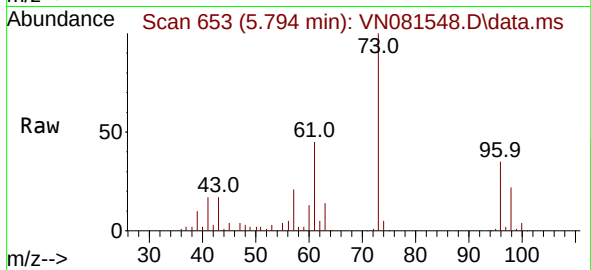
#19
Methyl tert-butyl Ether
Concen: 48.917 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 824549
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4

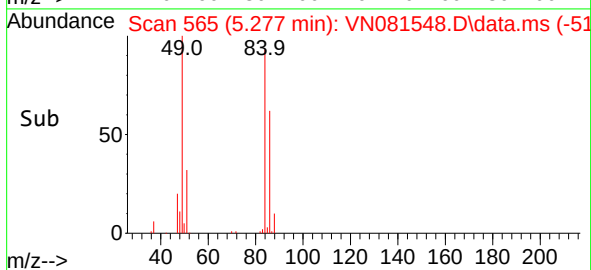
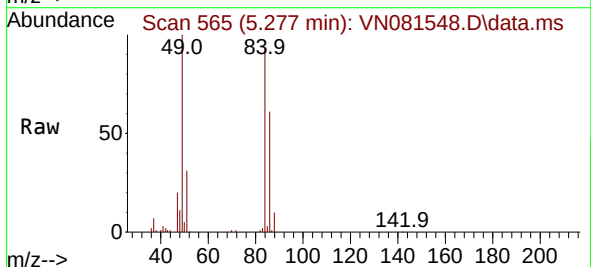
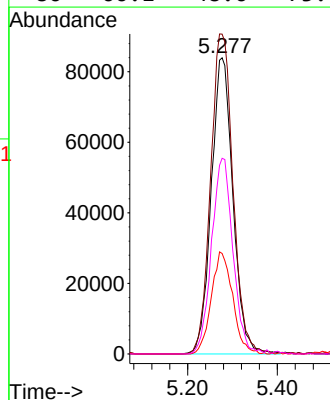
Manual Integrations
APPROVED

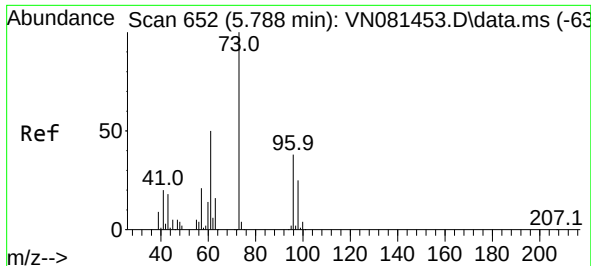
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#20
Methylene Chloride
Concen: 45.795 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

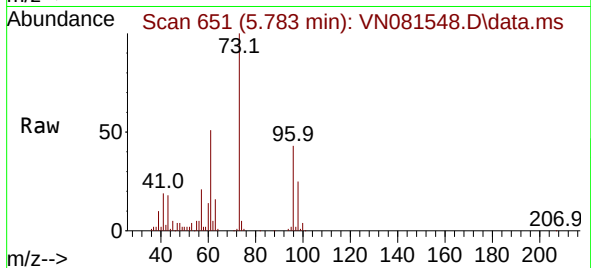
Tgt Ion: 84 Resp: 282156
Ion Ratio Lower Upper
84 100
49 108.0 108.1 162.1#
51 33.9 32.9 49.3
86 66.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 46.454 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

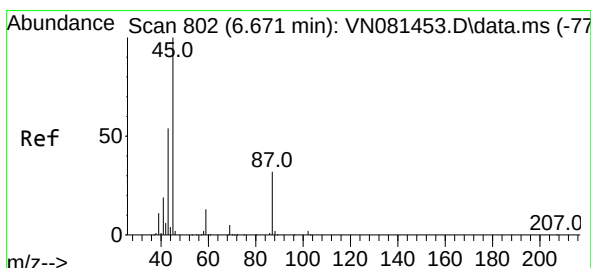
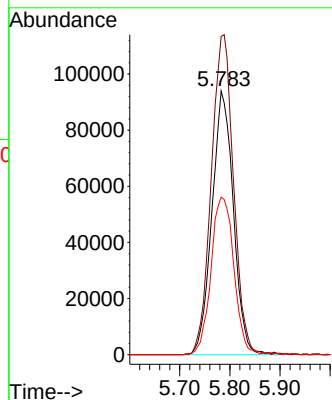
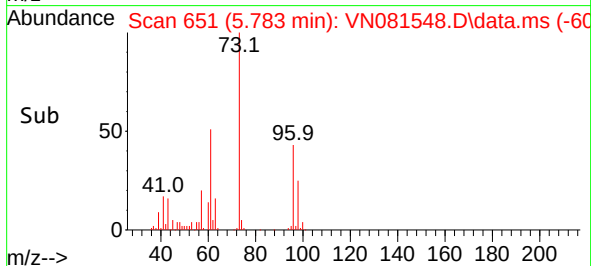
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 27897
Ion Ratio Lower Upper
96 100
61 120.7 112.8 169.2
98 59.8 51.0 76.4

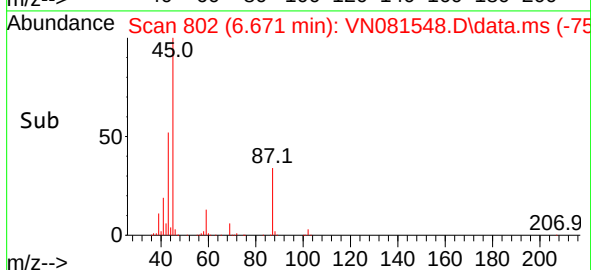
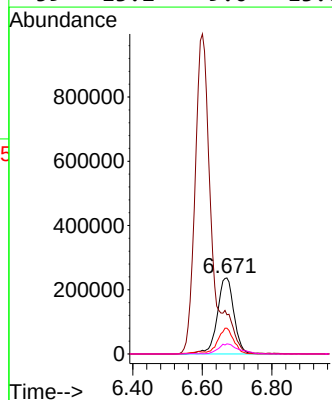
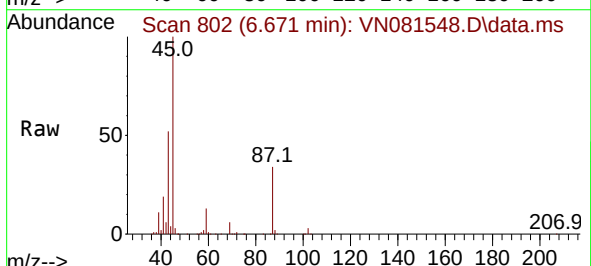
Manual Integrations
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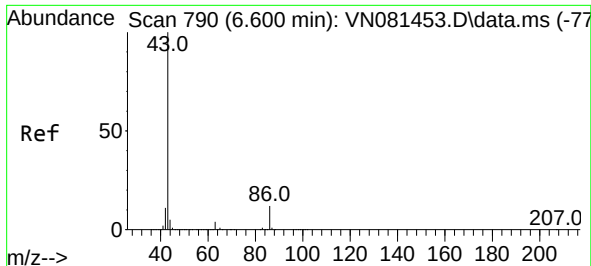
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#22
Diisopropyl ether
Concen: 50.162 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion: 45 Resp: 786615
Ion Ratio Lower Upper
45 100
43 51.1 41.8 62.8
87 33.9 18.1 27.1#
59 13.2 9.0 13.6





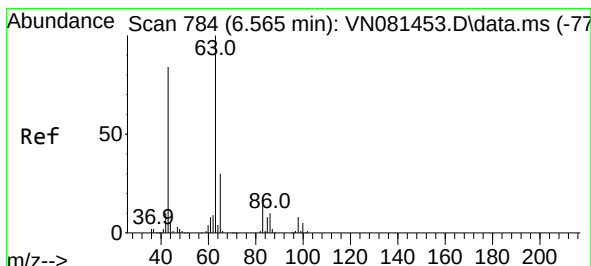
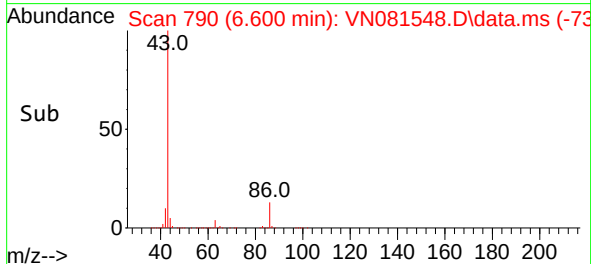
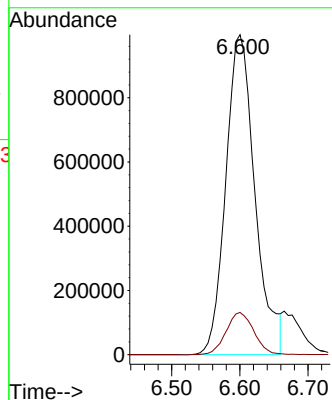
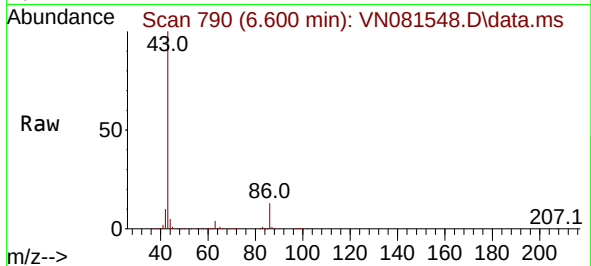
#23
 Vinyl Acetate
 Concen: 237.953 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 297016
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7

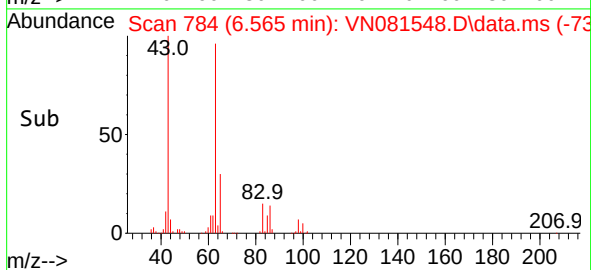
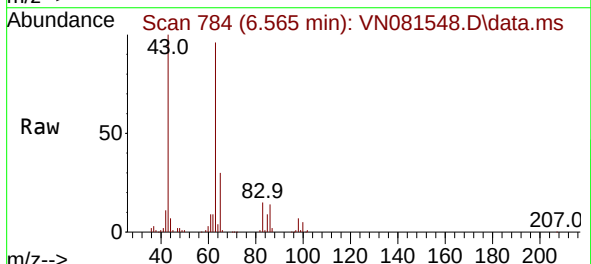
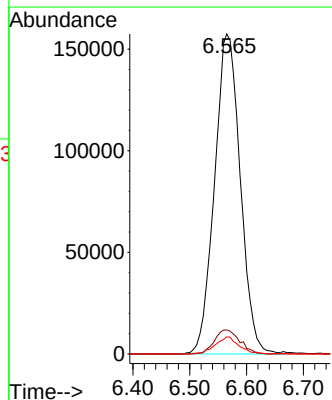
Manual Integrations
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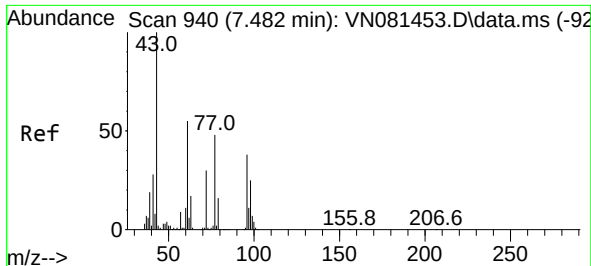
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#24
 1,1-Dichloroethane
 Concen: 47.137 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

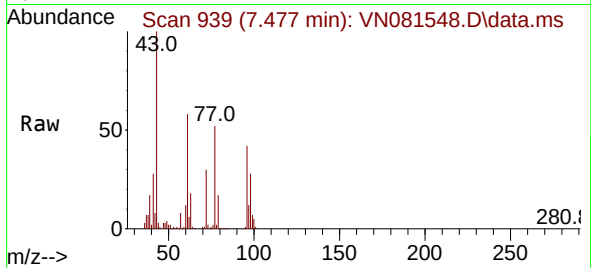
Tgt Ion: 63 Resp: 495092
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 5.4 1.9 5.7





#25
2-Butanone
Concen: 200.841 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

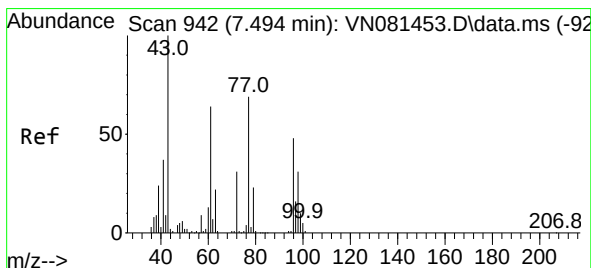
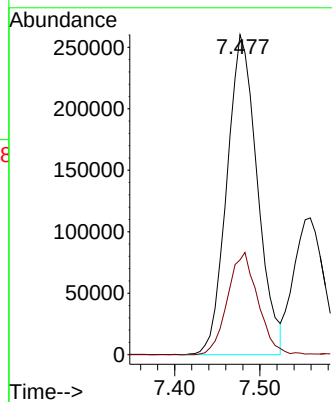
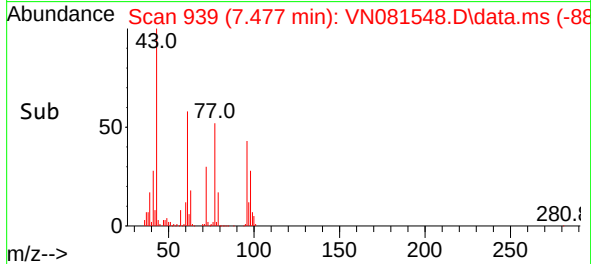
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



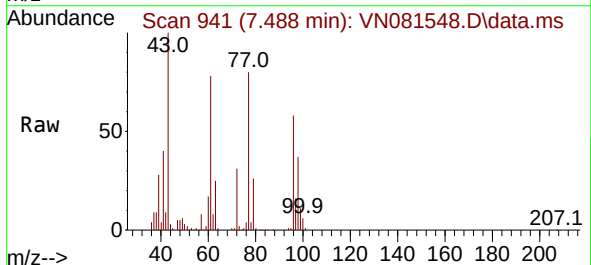
Tgt Ion: 43 Resp: 647939
Ion Ratio Lower Upper
43 100
72 29.6 19.5 29.3

Manual Integrations
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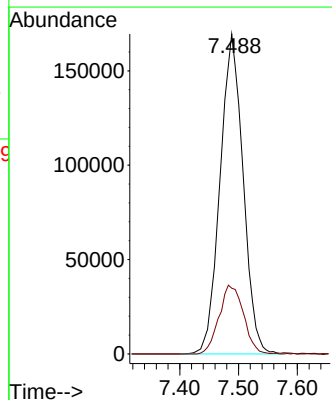
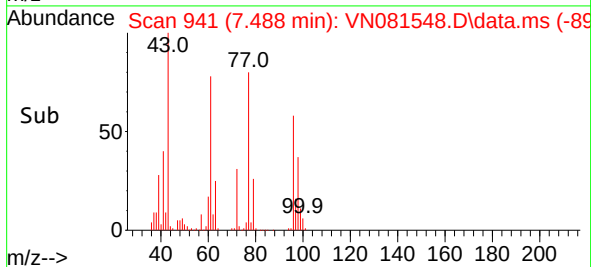
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

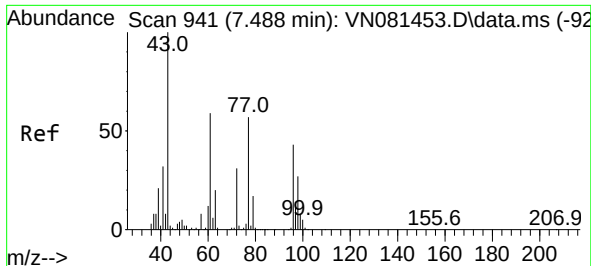


#26
2,2-Dichloropropane
Concen: 50.594 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



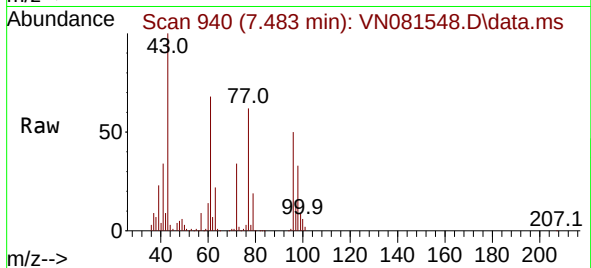
Tgt Ion: 77 Resp: 460895
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 48.809 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

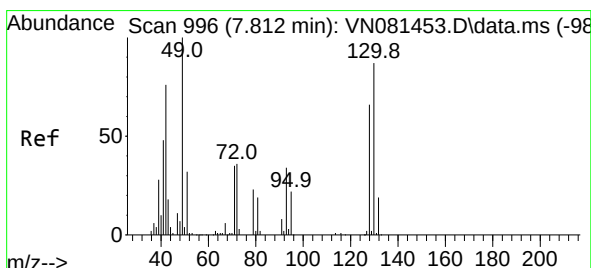
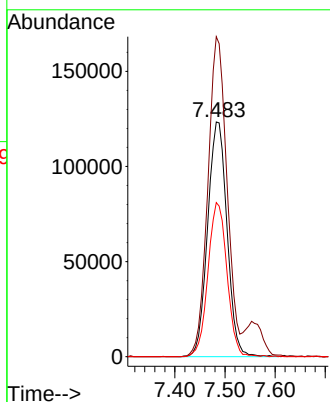
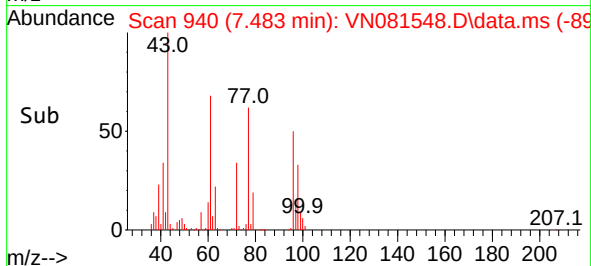
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 331640
Ion Ratio Lower Upper
96 100
61 135.2 0.0 325.4
98 64.4 0.0 130.4

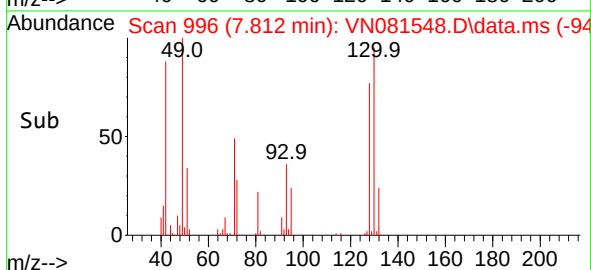
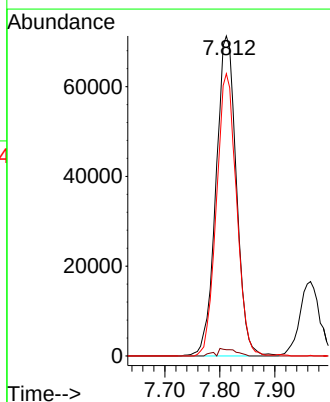
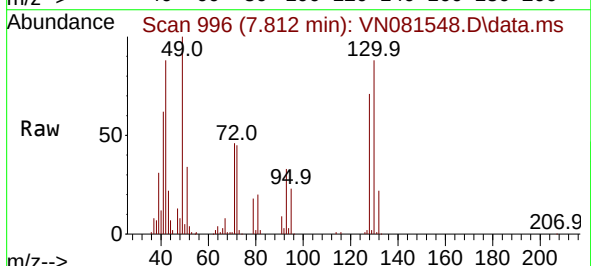
Manual Integrations
APPROVED

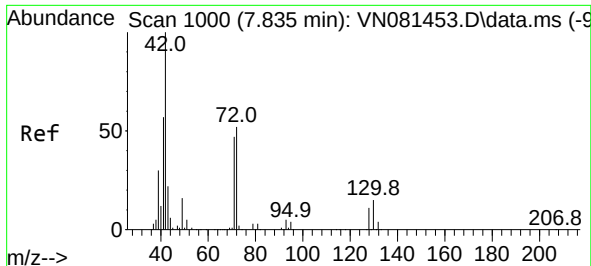
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#28
Bromochloromethane
Concen: 42.935 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion: 49 Resp: 183677
Ion Ratio Lower Upper
49 100
129 2.2 0.0 1.6#
130 86.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 209.234 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 454735

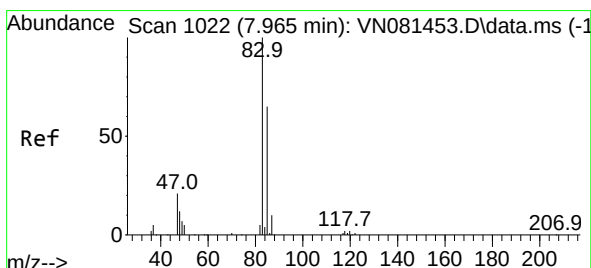
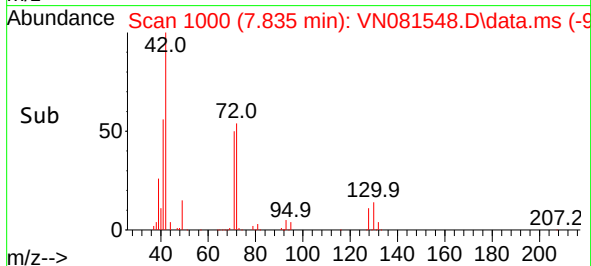
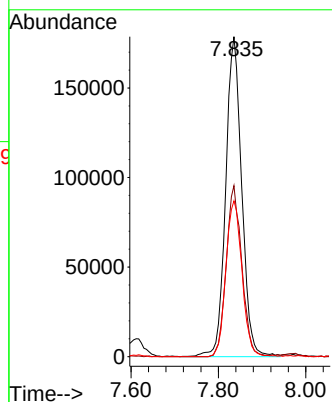
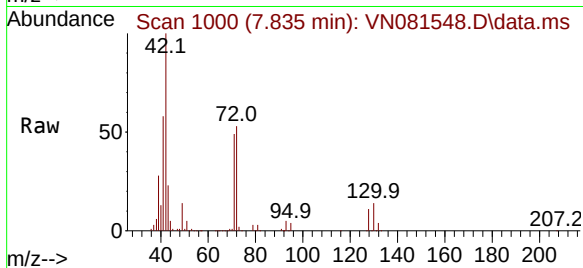
Ion	Ratio	Lower	Upper
42	100		
72	51.8	31.1	46.7
71	49.0	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#30

Chloroform

Concen: 47.888 ug/l

RT: 7.965 min Scan# 1022

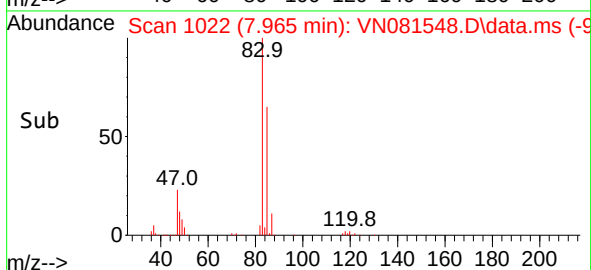
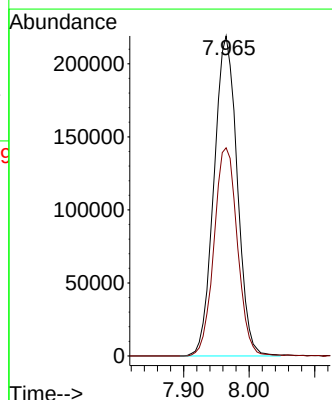
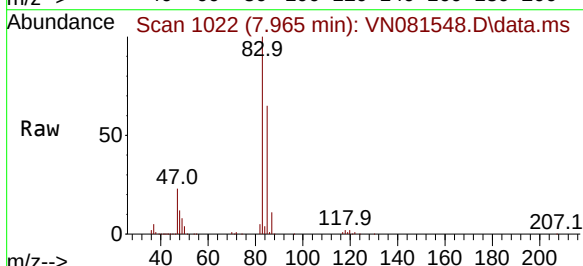
Delta R.T. 0.000 min

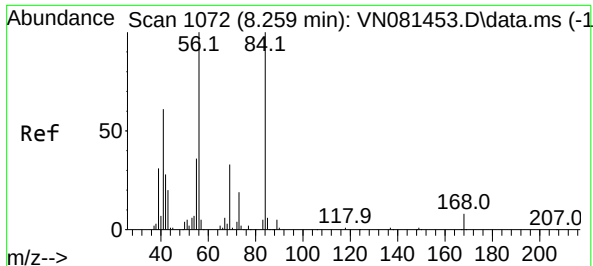
Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Tgt Ion: 83 Resp: 538445

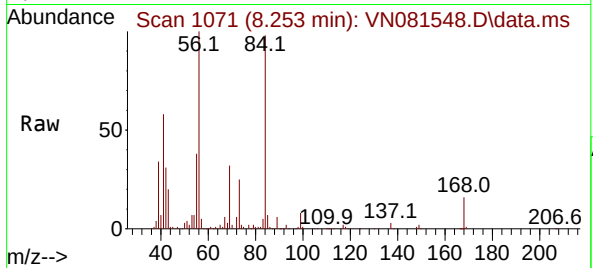
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31
Cyclohexane
Concen: 44.059 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

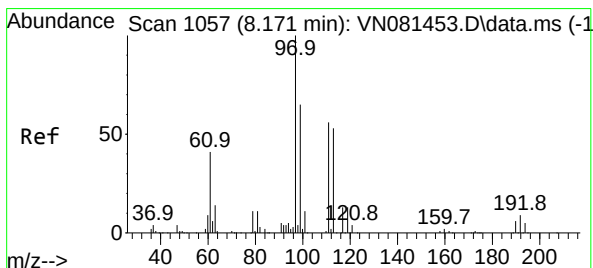
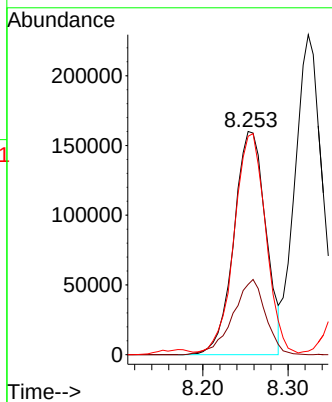
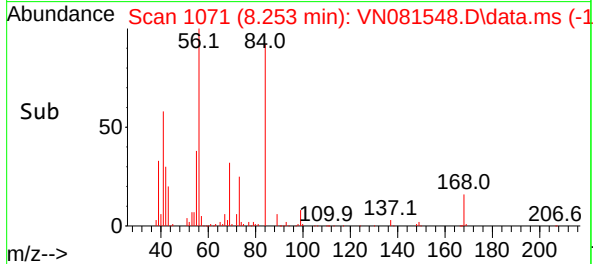
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



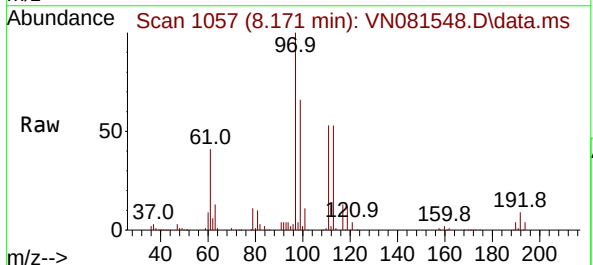
Tgt Ion: 56 Resp: 41727
Ion Ratio Lower Upper
56 100
69 31.5 20.1 30.1
84 95.5 56.9 85.3

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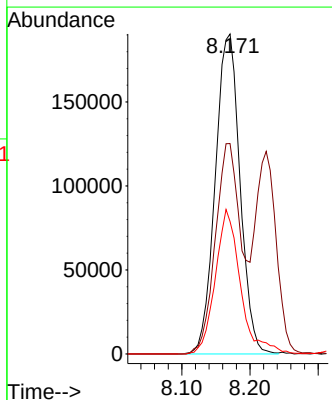
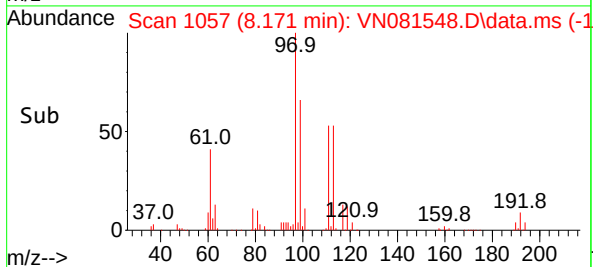
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

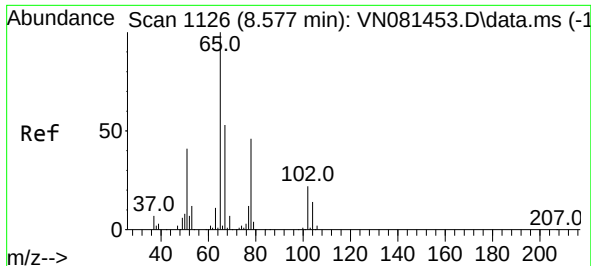


#32
1,1,1-Trichloroethane
Concen: 47.224 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



Tgt Ion: 97 Resp: 481743
Ion Ratio Lower Upper
97 100
99 69.4 53.4 80.0
61 45.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 278589

Ion Ratio Lower Upper

65 100

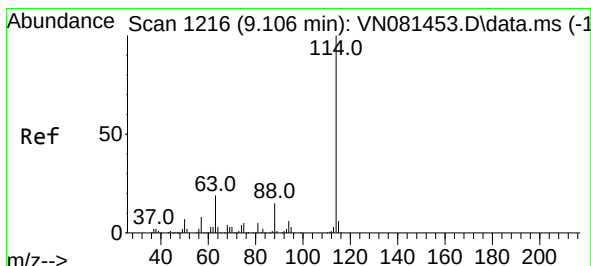
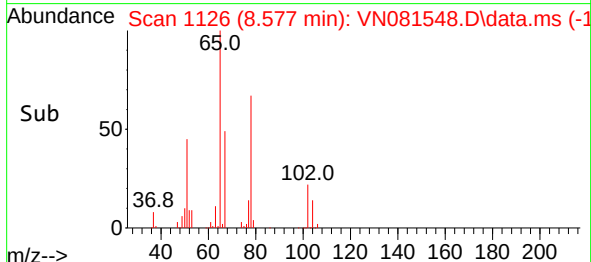
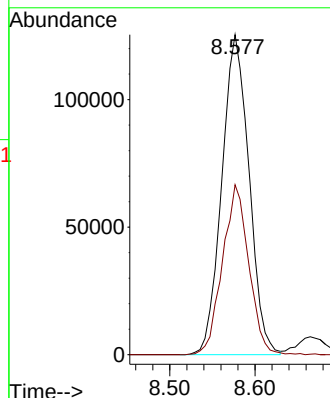
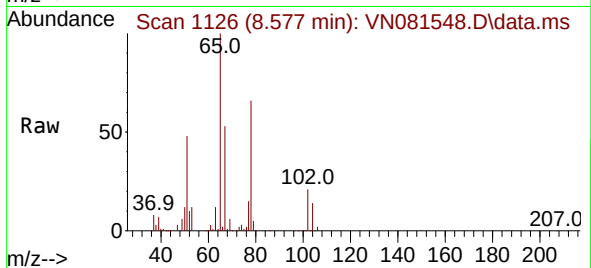
67 51.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

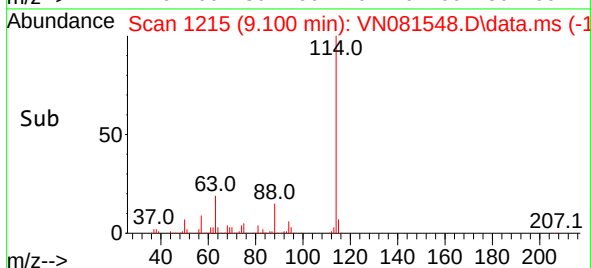
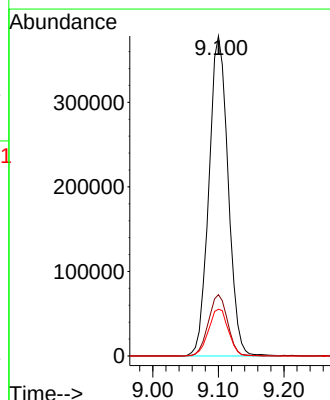
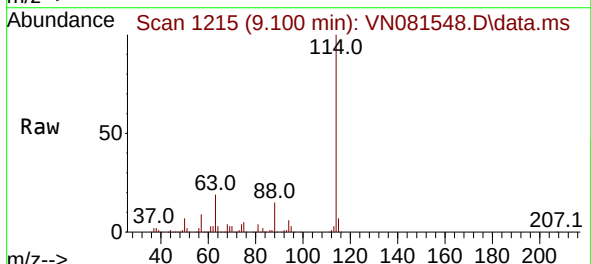
Tgt Ion:114 Resp: 769846

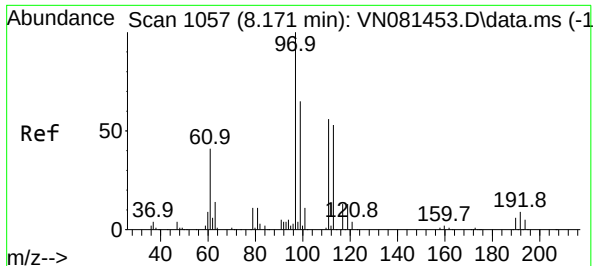
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 14.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.670 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

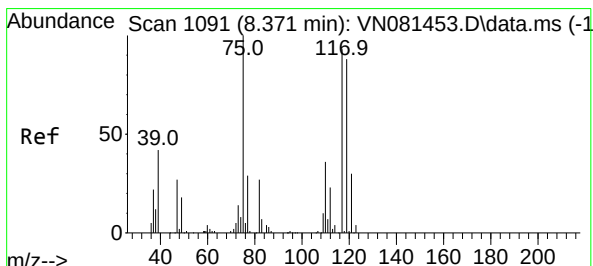
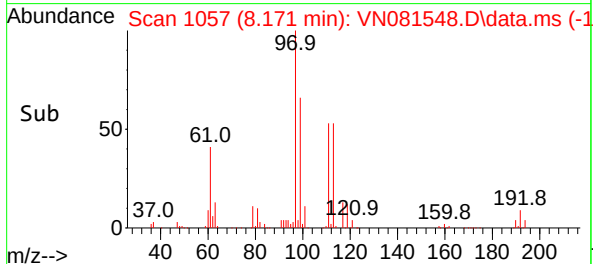
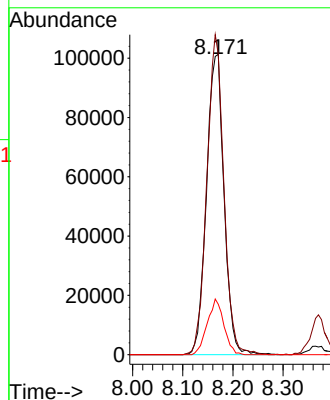
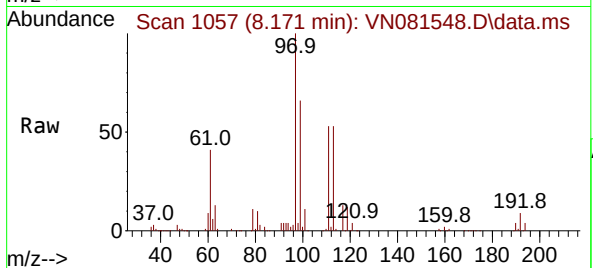
Tgt Ion:	113	Resp:	246180
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.4
192	17.5	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#36

1,1-Dichloropropene

Concen: 49.079 ug/l

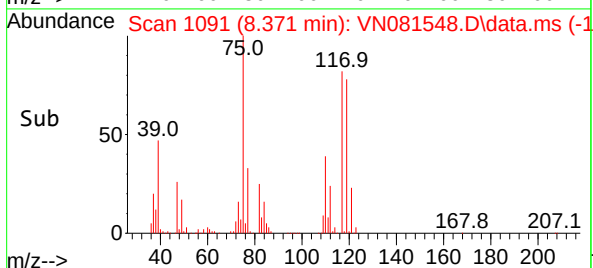
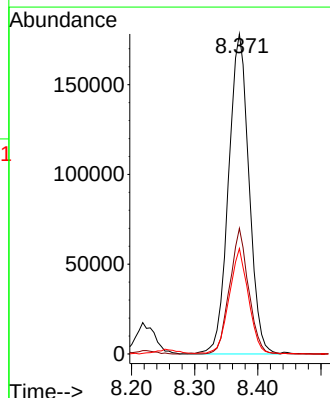
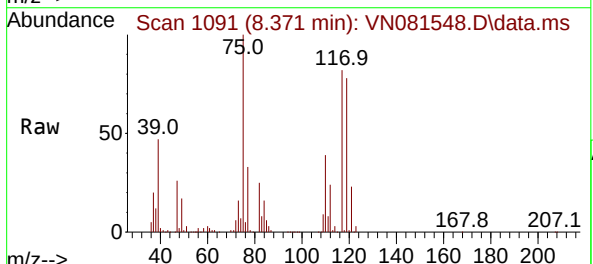
RT: 8.371 min Scan# 1091

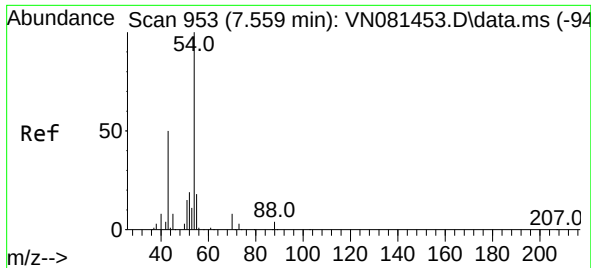
Delta R.T. 0.000 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

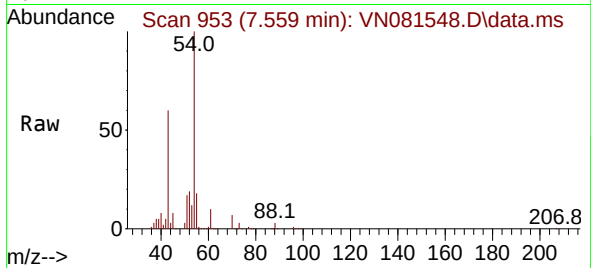
Tgt Ion:	75	Resp:	401283
Ion Ratio	Lower	Upper	
75	100		
110	36.1	16.0	48.0
77	31.3	25.8	38.6





#37
Ethyl Acetate
Concen: 40.753 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

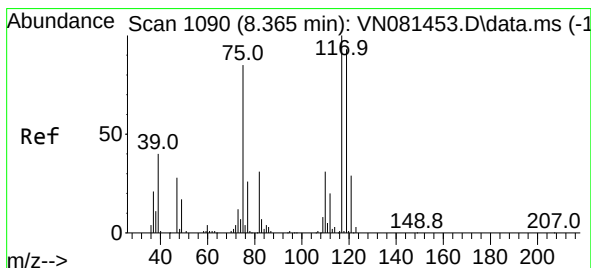
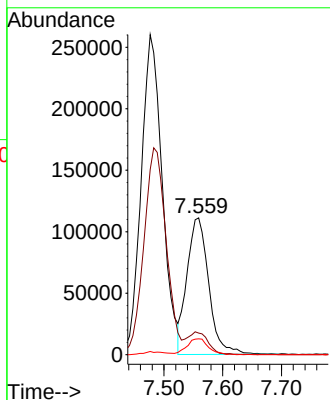
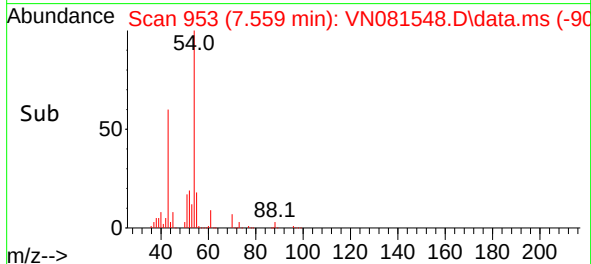
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 285328
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 11.5 8.0 12.0

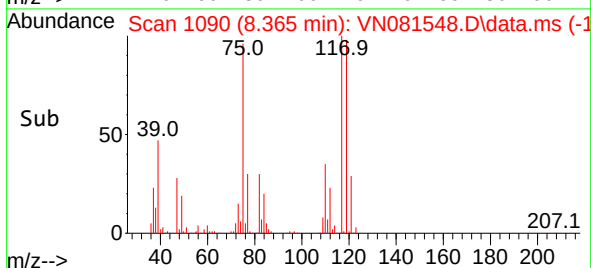
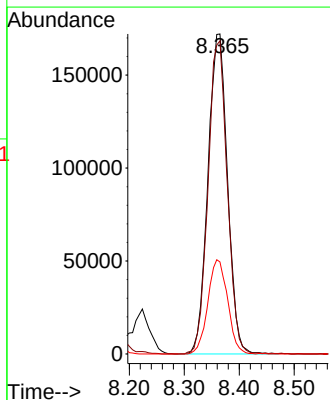
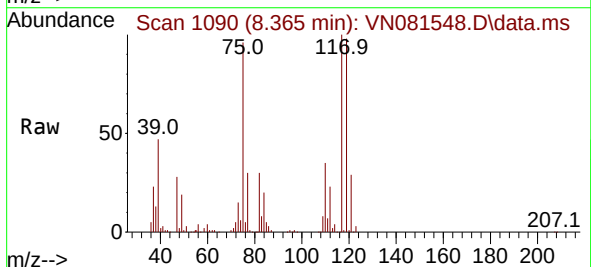
Manual Integrations
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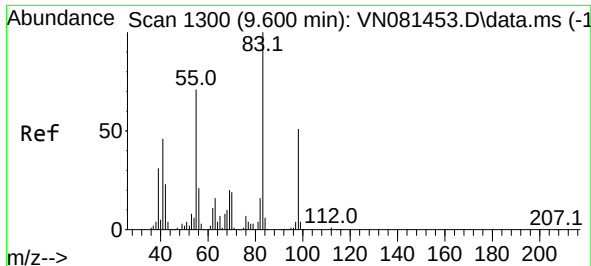
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#38
Carbon Tetrachloride
Concen: 47.555 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

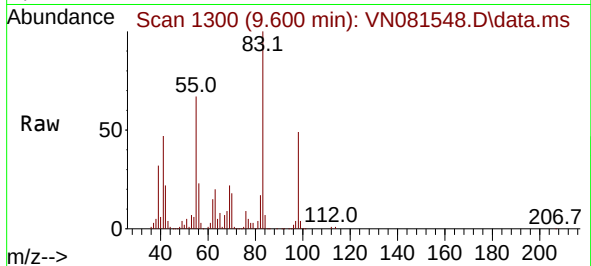
Tgt Ion:117 Resp: 425942
Ion Ratio Lower Upper
117 100
119 97.8 73.4 110.2
121 28.8 24.4 36.6





#39
Methylcyclohexane
Concen: 50.260 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

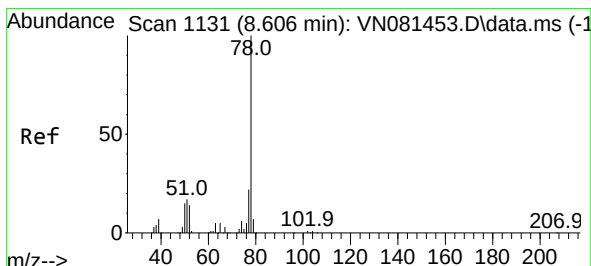
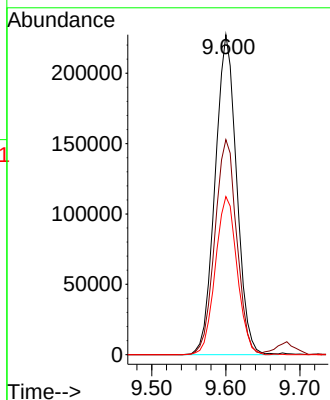
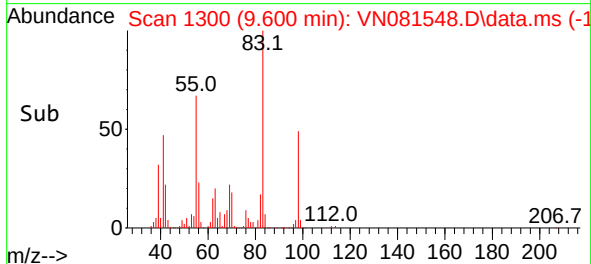
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 458918
Ion Ratio Lower Upper
83 100
55 67.2 65.7 98.5
98 49.4 33.8 50.6

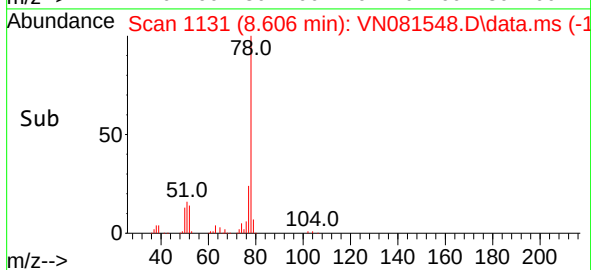
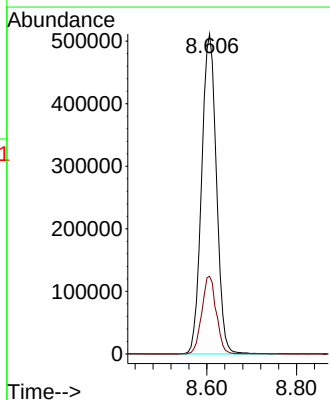
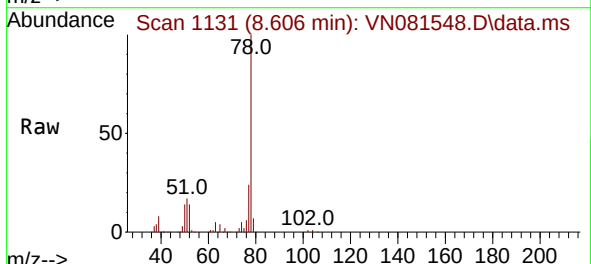
Manual Integrations
APPROVED

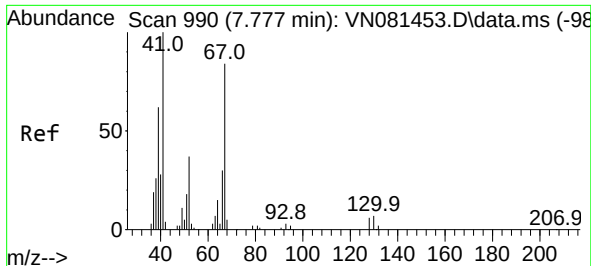
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#40
Benzene
Concen: 48.911 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

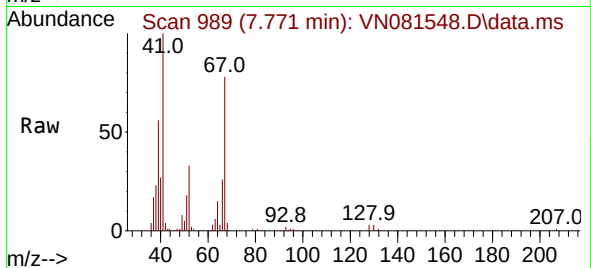
Tgt Ion: 78 Resp: 1169170
Ion Ratio Lower Upper
78 100
77 24.2 20.4 30.6





#41
Methacrylonitrile
Concen: 42.893 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

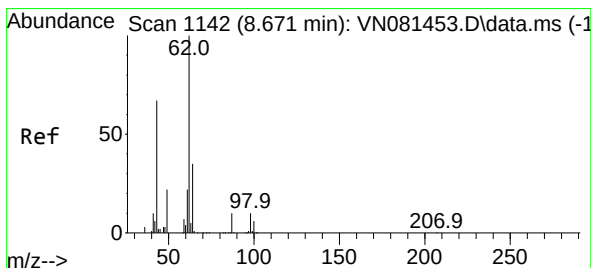
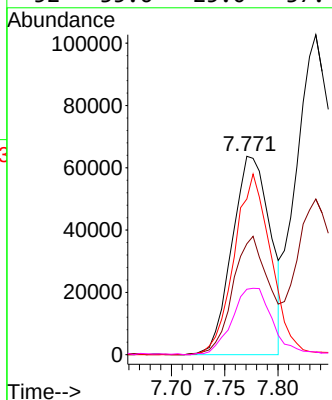
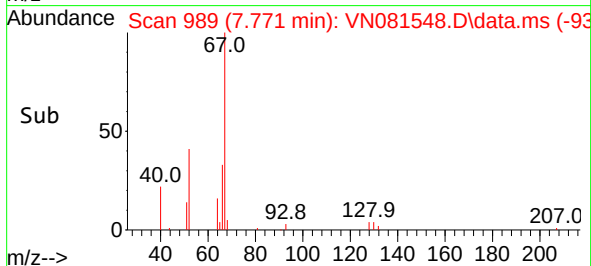
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 158810
Ion Ratio Lower Upper
41 100
39 56.2 48.4 72.6
67 88.3 56.8 85.2
52 35.6 25.0 37.4

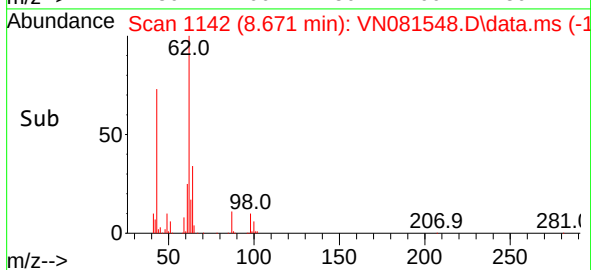
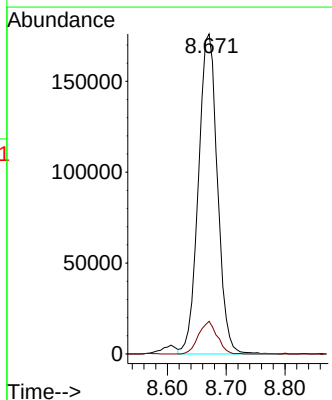
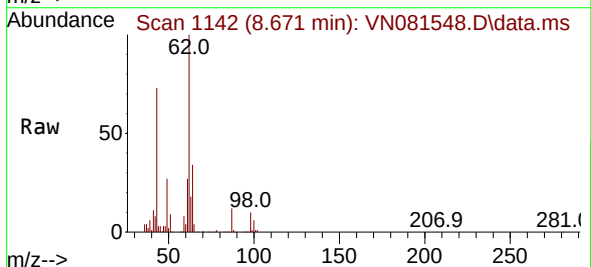
Manual Integrations
APPROVED

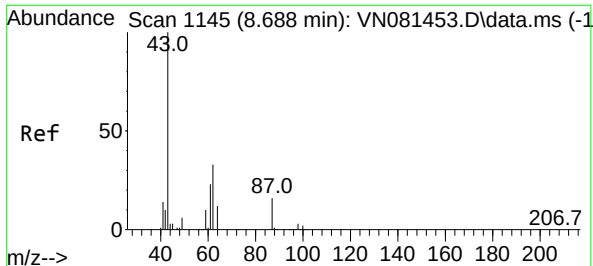
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#42
1,2-Dichloroethane
Concen: 47.013 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

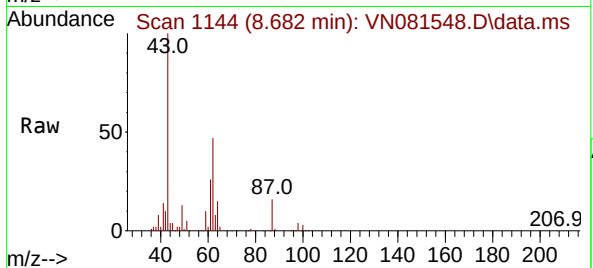
Tgt Ion: 62 Resp: 395493
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 43.875 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

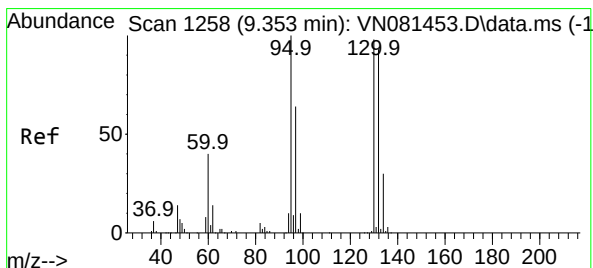
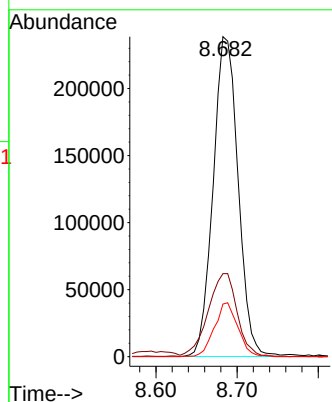
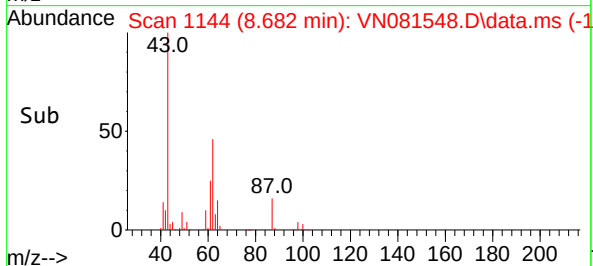
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 50918
Ion Ratio Lower Upper
43 100
61 30.3 19.9 29.9
87 16.0 9.0 13.6

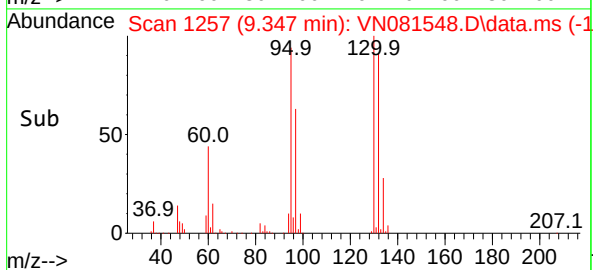
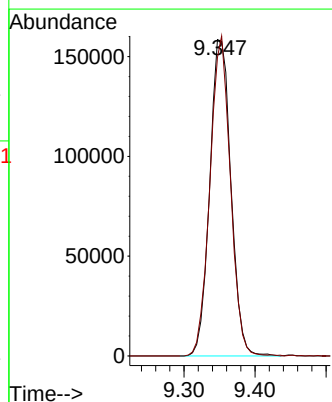
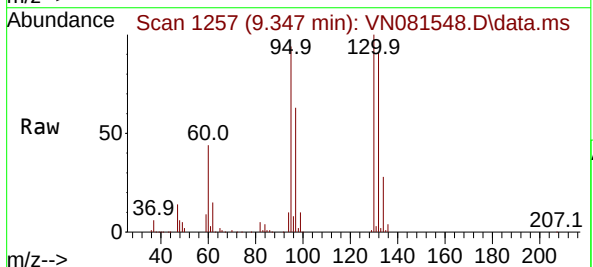
Manual Integrations
APPROVED

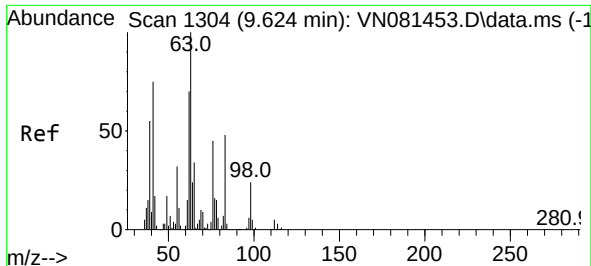
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#44
Trichloroethene
Concen: 48.823 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion:130 Resp: 328241
Ion Ratio Lower Upper
130 100
95 94.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 50.374 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 29182

Ion Ratio Lower Upper

63 100

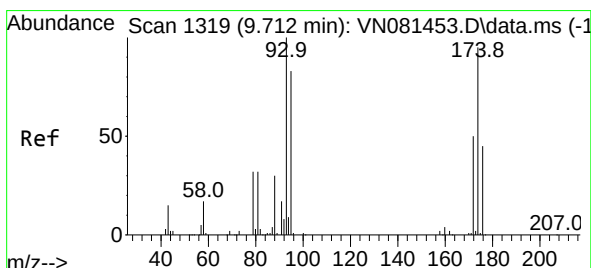
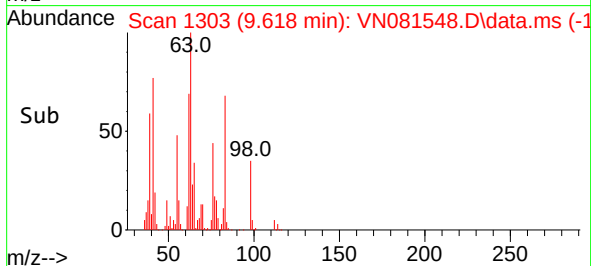
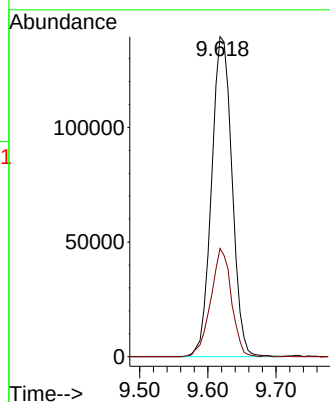
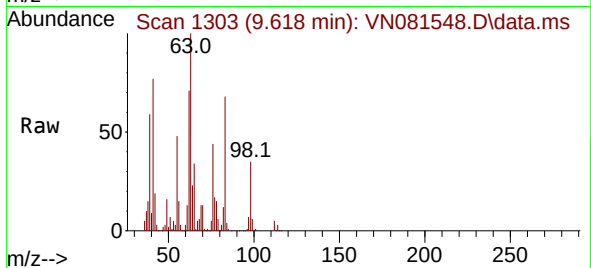
65 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#46

Dibromomethane

Concen: 47.557 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

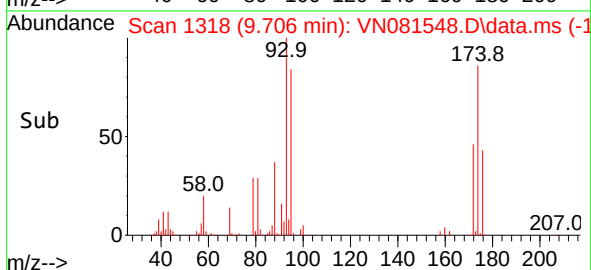
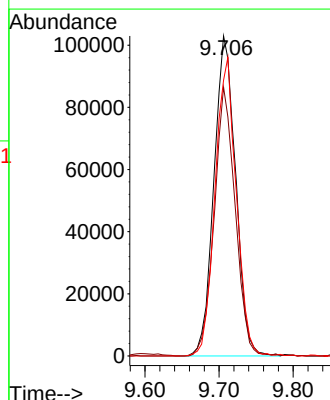
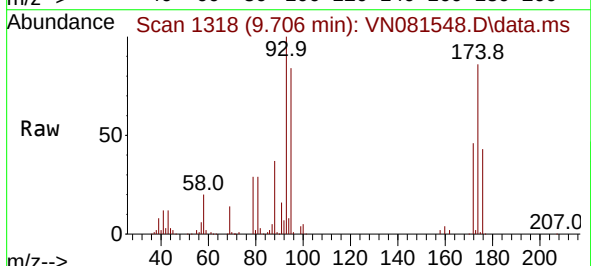
Tgt Ion: 93 Resp: 209227

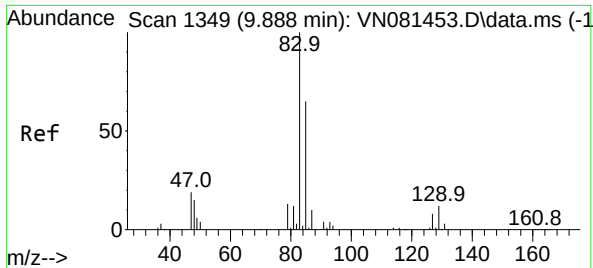
Ion Ratio Lower Upper

93 100

95 81.3 68.1 102.1

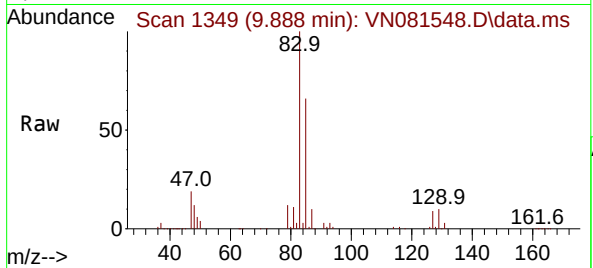
174 91.4 57.2 85.8





#47
Bromodichloromethane
Concen: 50.086 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

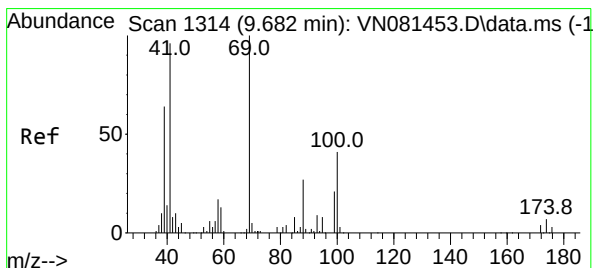
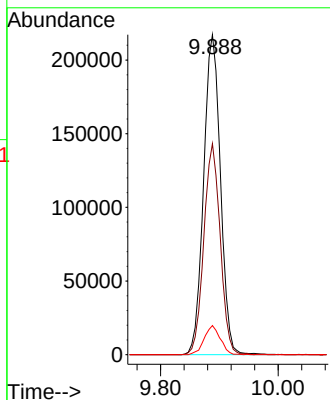
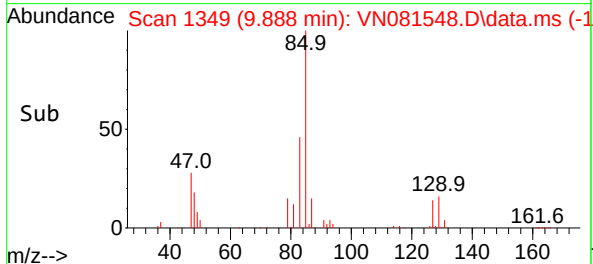
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 430827
Ion Ratio Lower Upper
83 100
85 65.9 52.3 78.5
127 9.1 4.6 7.0

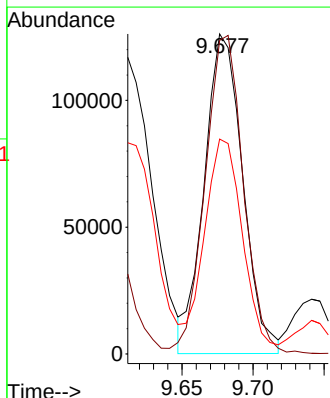
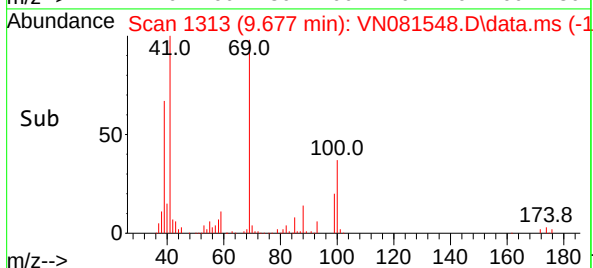
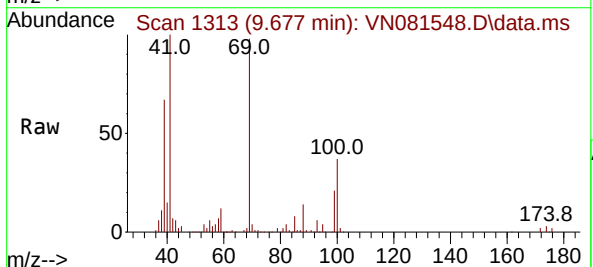
Manual Integrations
APPROVED

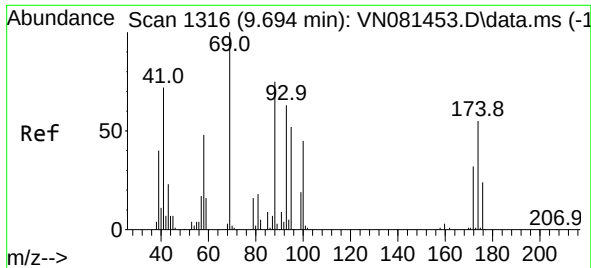
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#48
Methyl methacrylate
Concen: 44.373 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

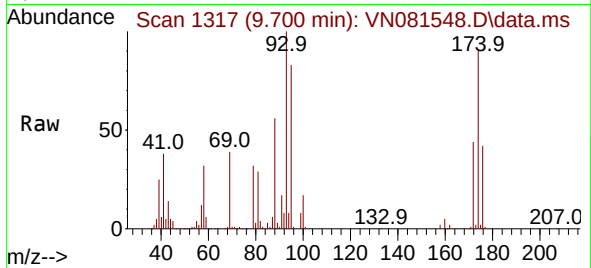
Tgt Ion: 41 Resp: 237526
Ion Ratio Lower Upper
41 100
69 98.9 62.2 93.2#
39 67.8 47.6 71.4





#49
1,4-Dioxane
Concen: 760.849 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

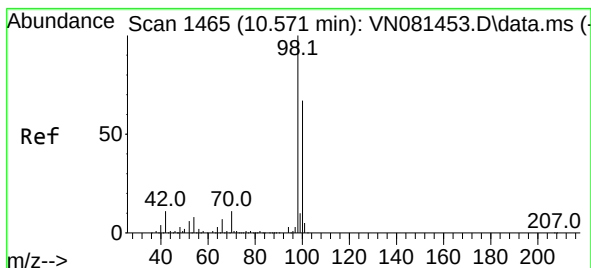
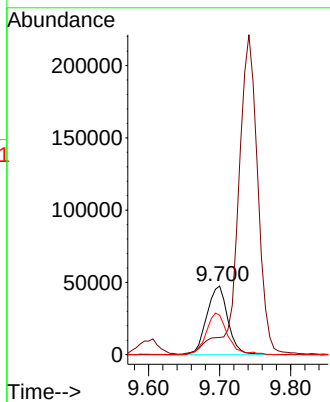
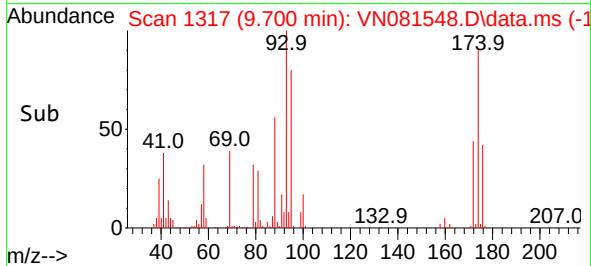
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 97875
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 61.8 63.9 95.9

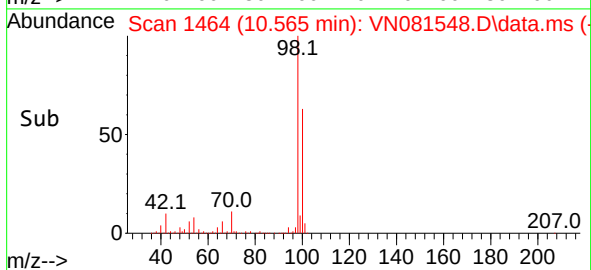
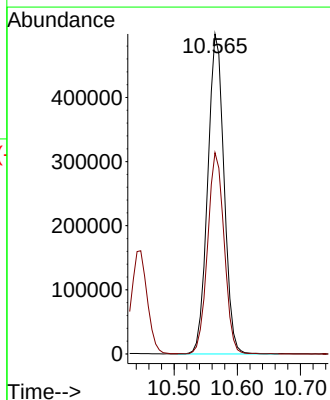
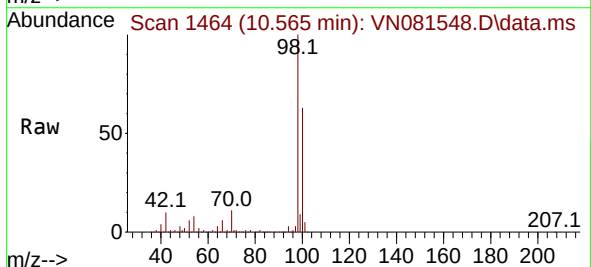
Manual Integrations
APPROVED

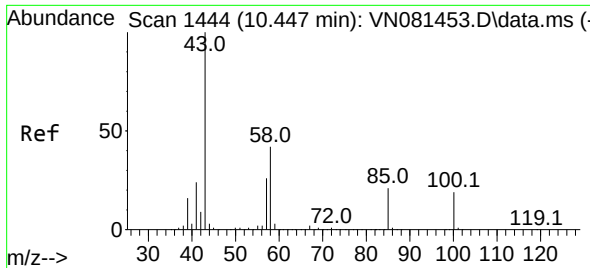
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#50
Toluene-d8
Concen: 50.899 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion: 98 Resp: 893941
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





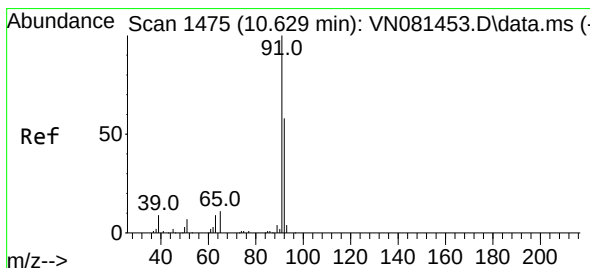
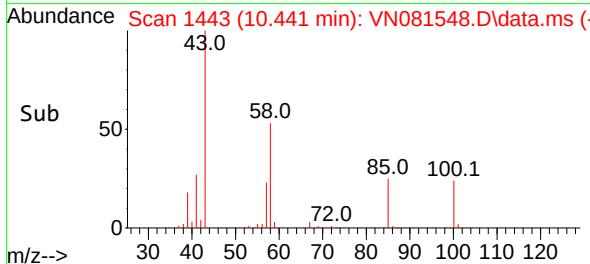
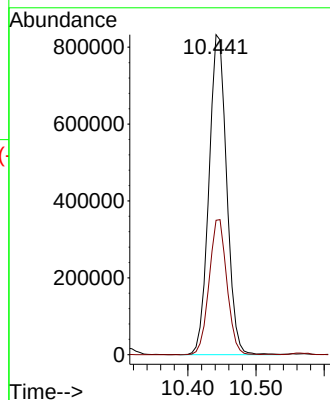
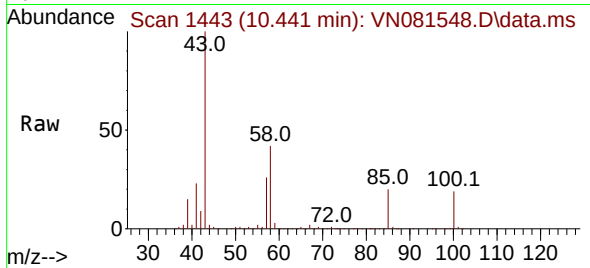
#51
4-Methyl-2-Pentanone
Concen: 212.797 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 150694
Ion Ratio Lower Upper
43 100
58 42.3 29.4 44.0

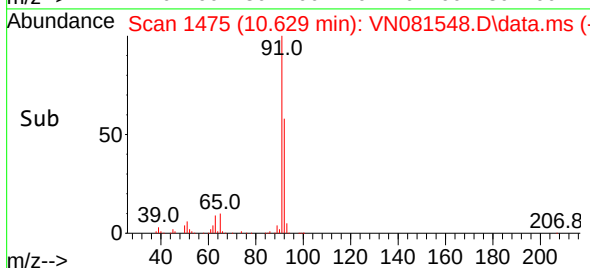
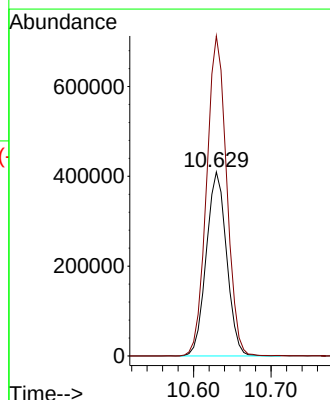
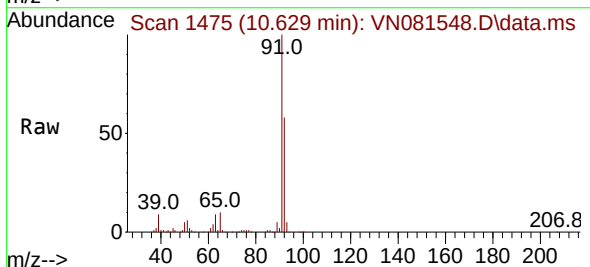
Manual Integrations
APPROVED

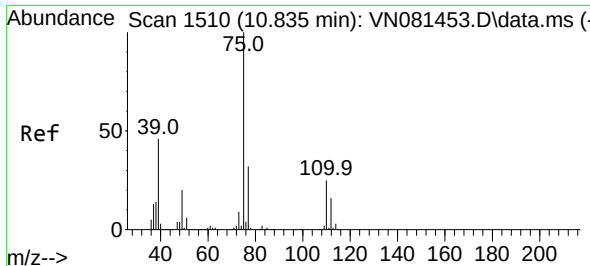
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#52
Toluene
Concen: 49.216 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

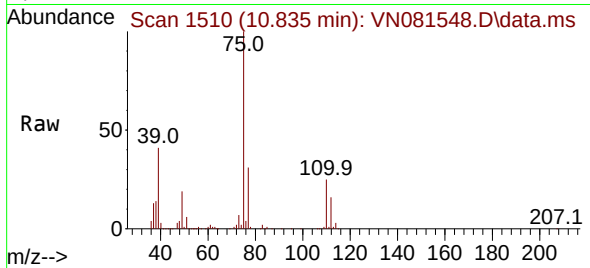
Tgt Ion: 92 Resp: 747758
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 48.684 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

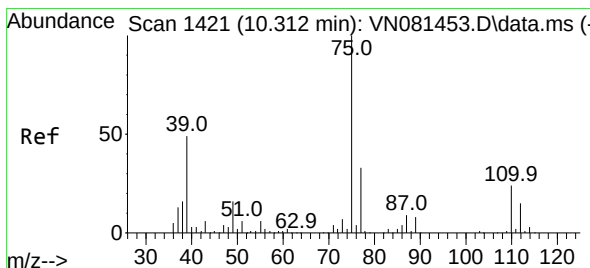
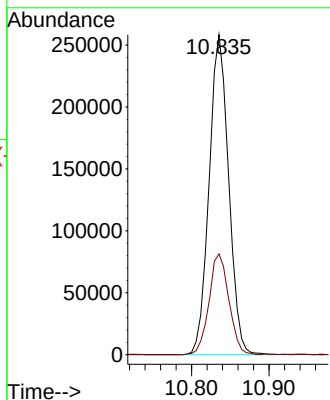
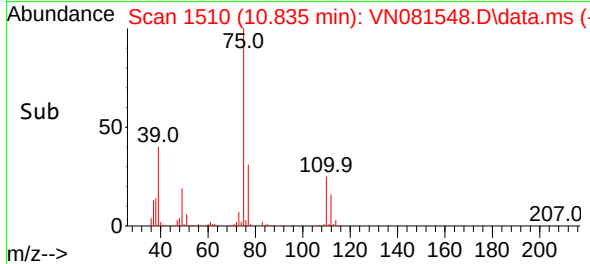
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45218
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

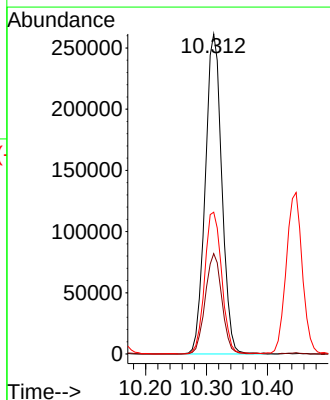
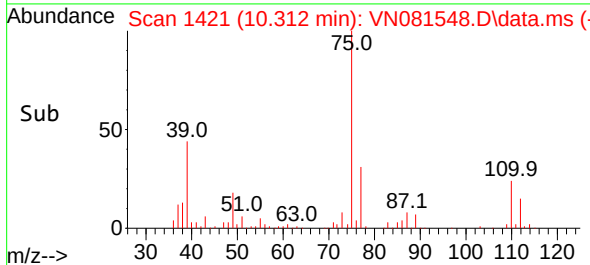
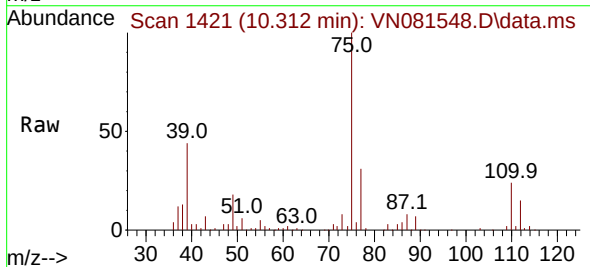
Manual Integrations
APPROVED

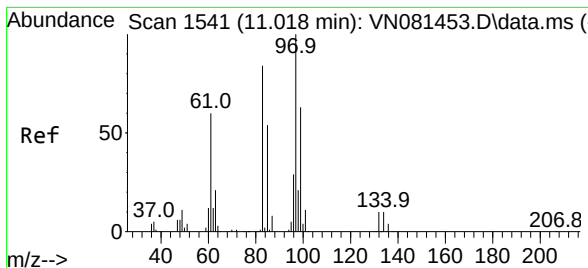
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#54
cis-1,3-Dichloropropene
Concen: 49.535 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

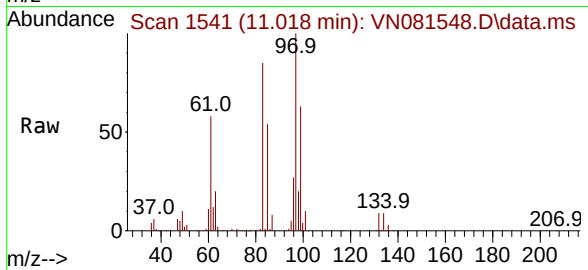
Tgt Ion: 75 Resp: 493295
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 44.3 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 46.874 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

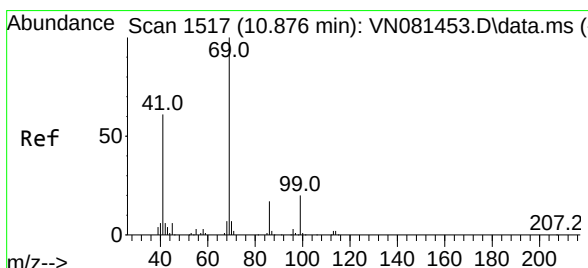
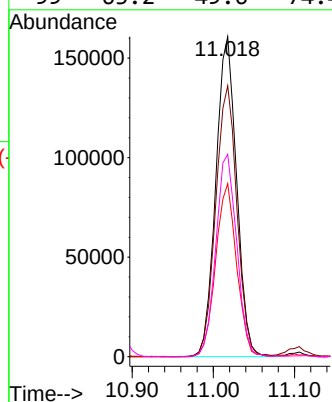
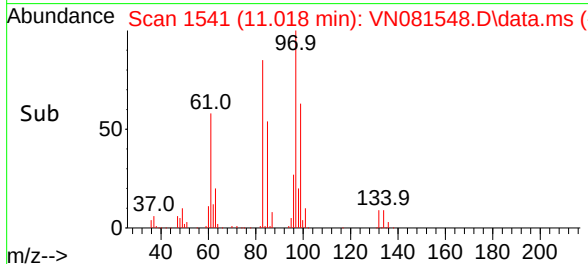
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 286603
Ion Ratio Lower Upper
97 100
83 84.6 72.9 109.3
85 54.0 50.2 75.2
99 63.2 49.6 74.4

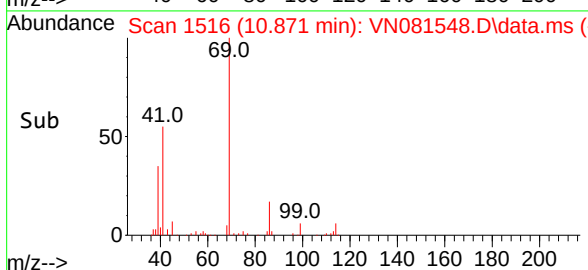
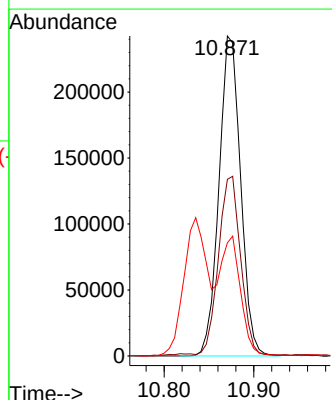
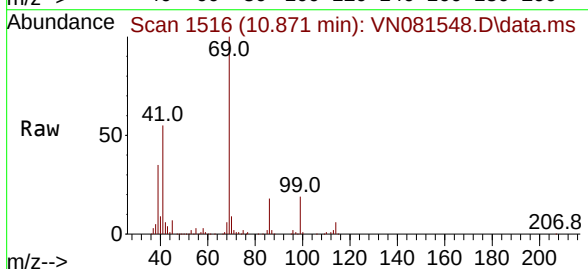
Manual Integrations
APPROVED

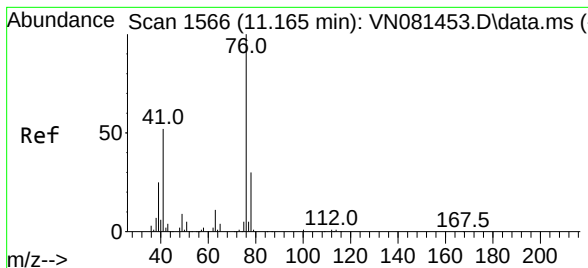
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#56
Ethyl methacrylate
Concen: 45.153 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.005 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

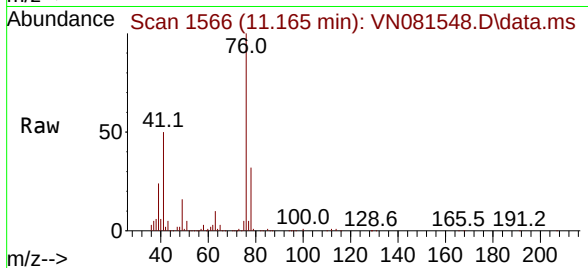
Tgt Ion: 69 Resp: 406420
Ion Ratio Lower Upper
69 100
41 58.3 61.0 91.6#
39 37.0 31.8 47.6





#57
1,3-Dichloropropane
Concen: 48.842 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

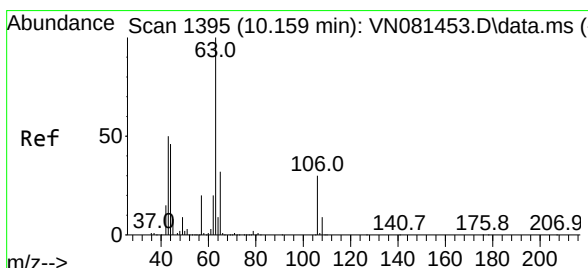
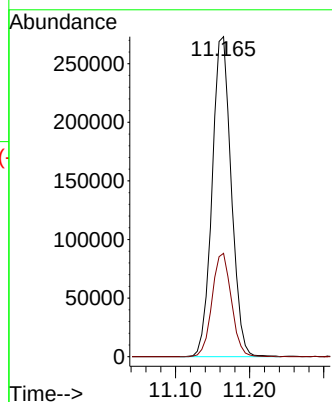
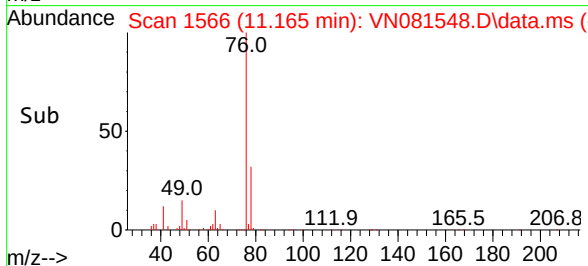
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 489562
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3

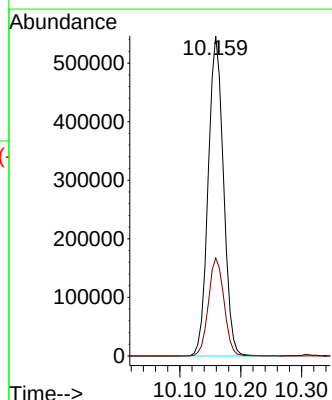
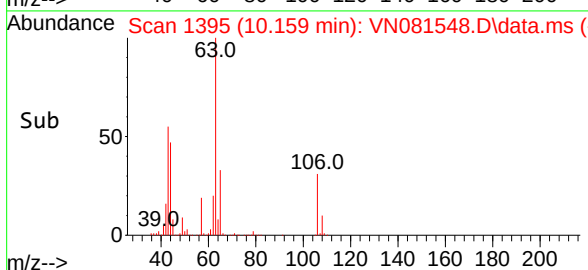
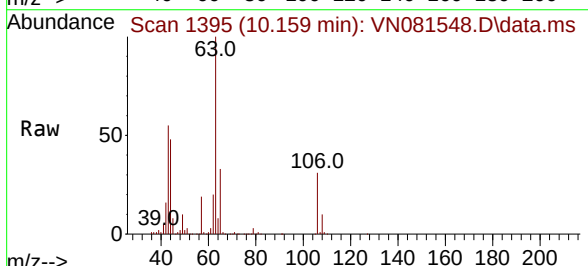
Manual Integrations
APPROVED

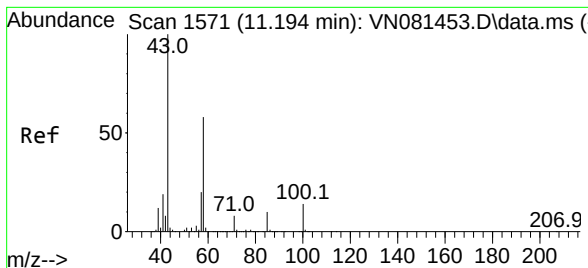
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 247.270 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

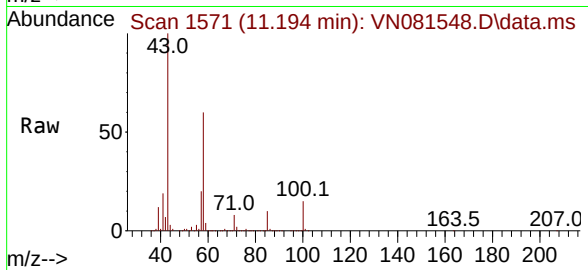
Tgt Ion: 63 Resp: 951332
Ion Ratio Lower Upper
63 100
106 31.3 18.6 28.0#





#59
2-Hexanone
Concen: 208.267 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

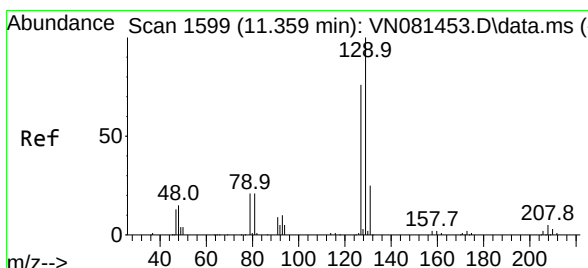
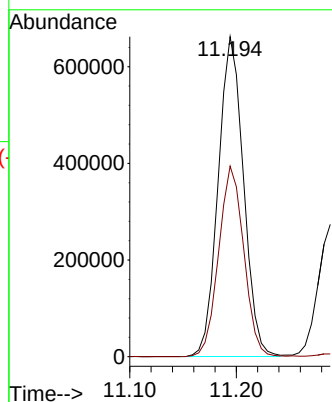
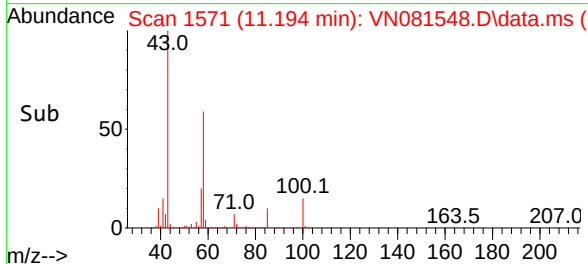
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1090420
Ion Ratio Lower Upper
43 100
58 59.3 25.9 77.8

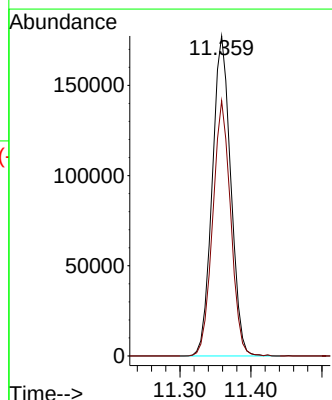
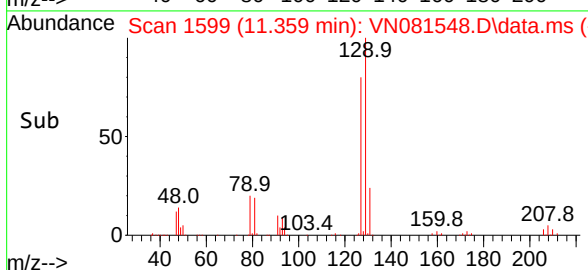
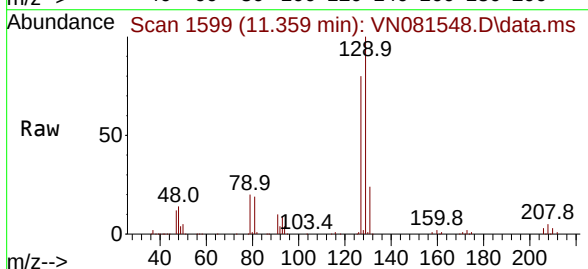
Manual Integrations
APPROVED

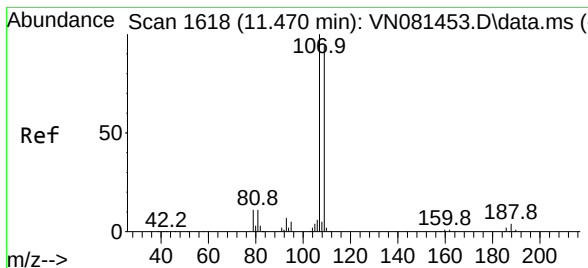
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#60
Dibromochloromethane
Concen: 47.676 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

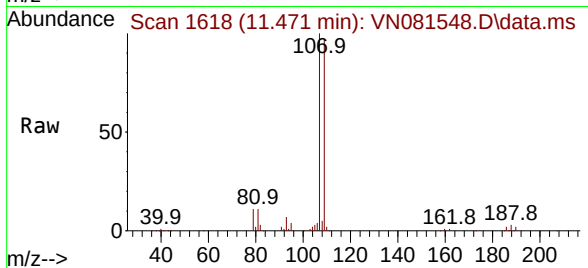
Tgt Ion:129 Resp: 320592
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 47.129 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

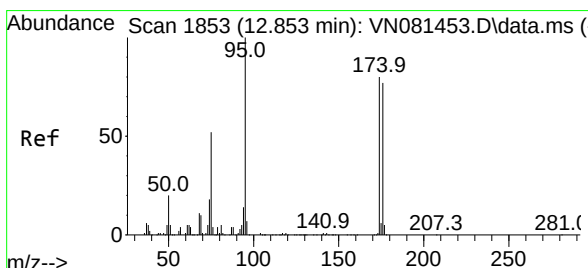
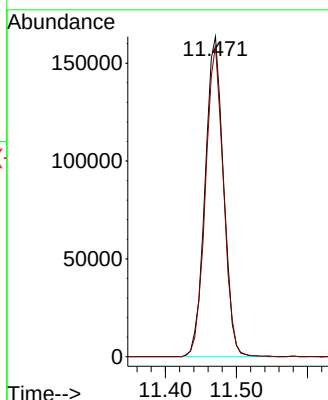
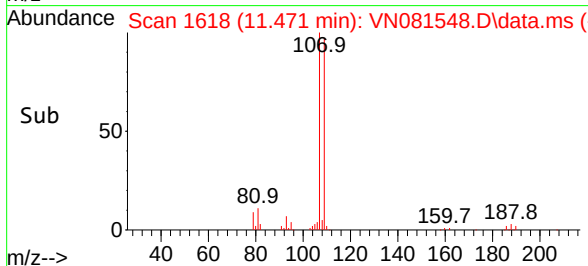
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



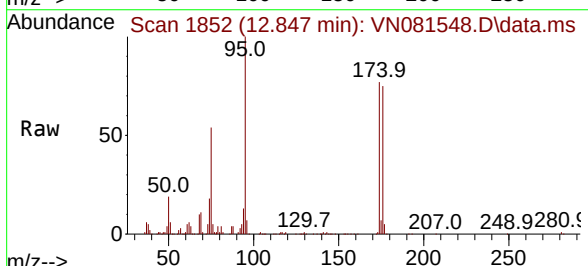
Tgt Ion:107 Resp: 293790
Ion Ratio Lower Upper
107 100
109 95.2 73.4 110.2

Manual Integrations
APPROVED

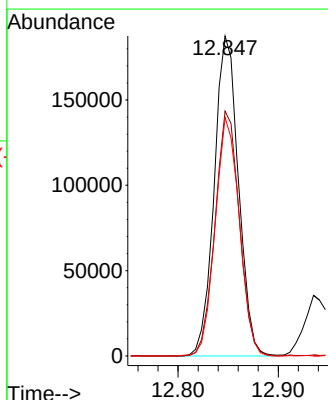
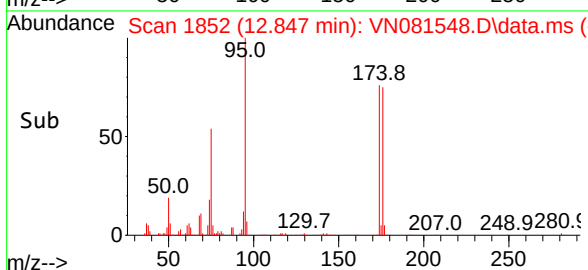
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

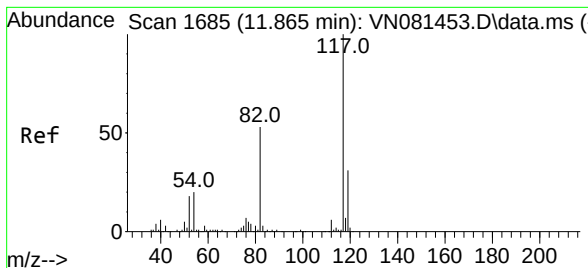


#62
4-Bromofluorobenzene
Concen: 50.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



Tgt Ion: 95 Resp: 313925
Ion Ratio Lower Upper
95 100
174 76.9 0.0 120.4
176 74.4 0.0 121.0





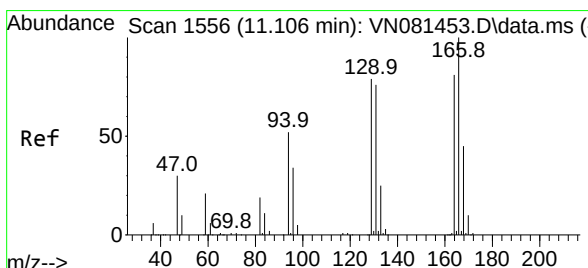
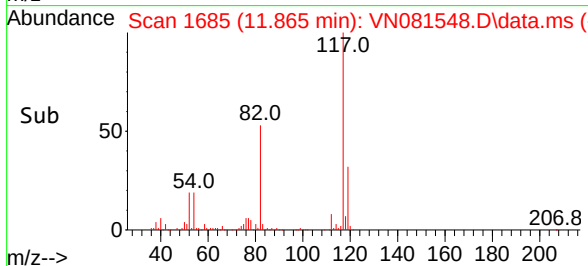
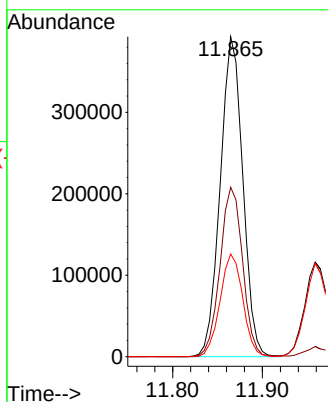
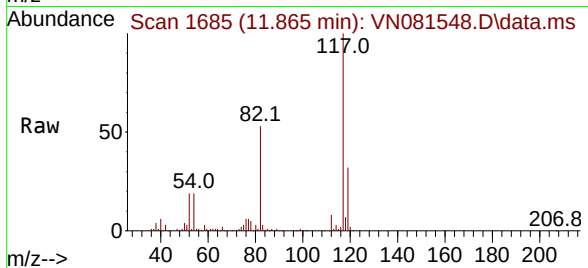
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 68606
Ion Ratio Lower Upper
117 100
82 53.0 52.7 79.1
119 32.1 25.3 37.9

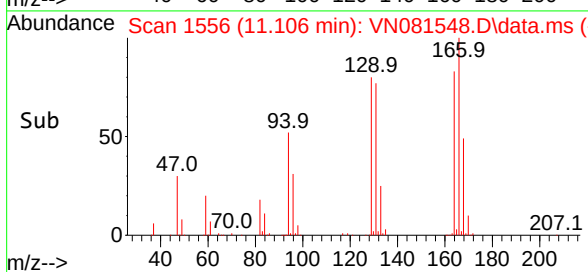
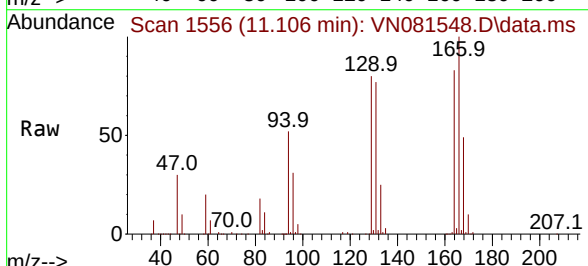
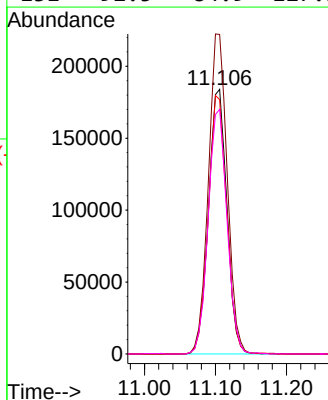
Manual Integrations
APPROVED

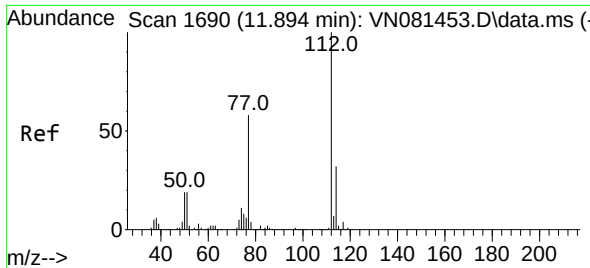
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#64
Tetrachloroethene
Concen: 50.635 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion:164 Resp: 332060
Ion Ratio Lower Upper
164 100
166 120.8 105.8 158.6
129 96.1 89.6 134.4
131 92.5 84.9 127.3





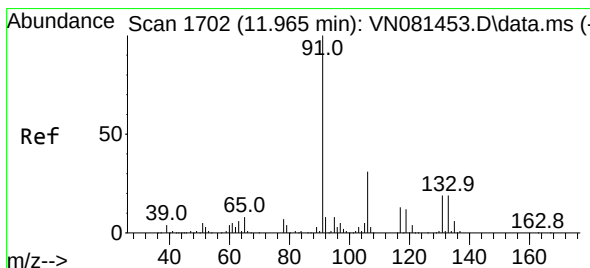
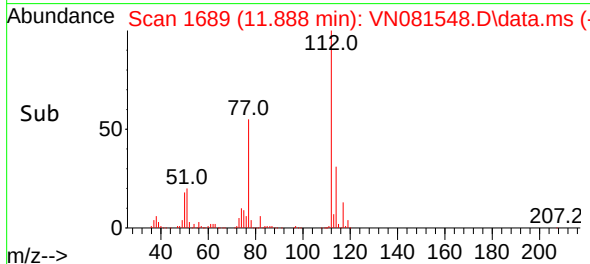
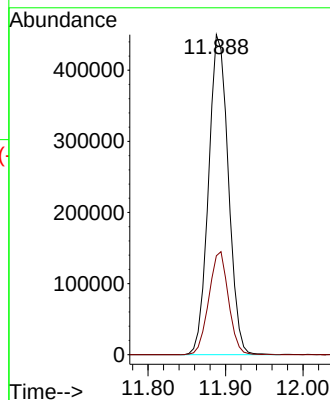
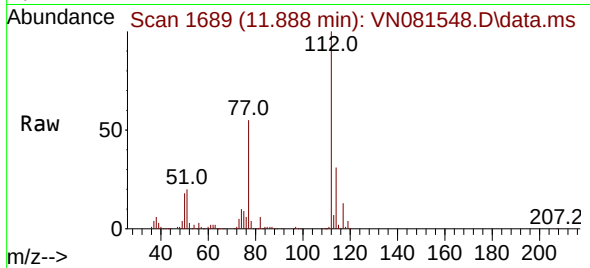
#65
Chlorobenzene
Concen: 49.188 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 797759
Ion Ratio Lower Upper
112 100
114 30.9 23.7 35.5

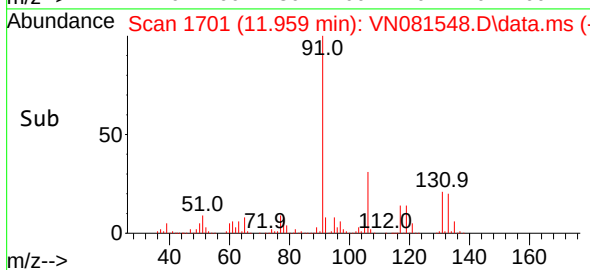
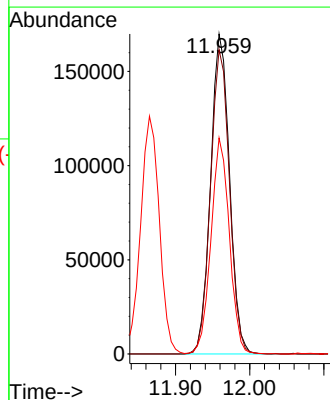
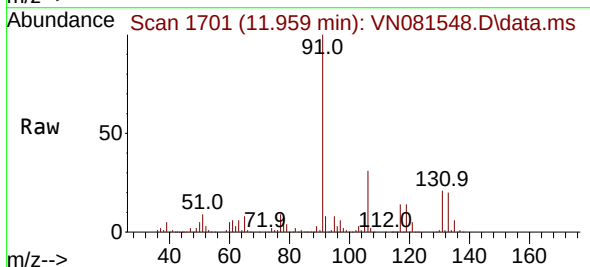
Manual Integrations
APPROVED

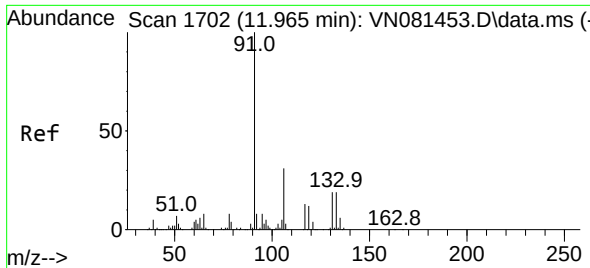
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.140 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

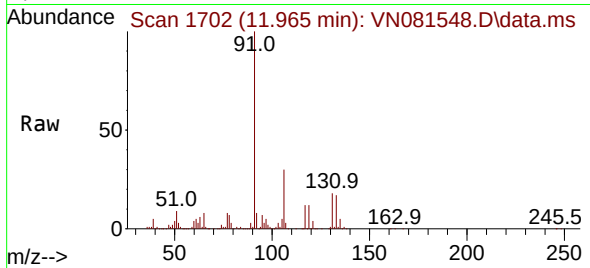
Tgt Ion:131 Resp: 301394
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 65.6 34.6 103.9





#67
Ethyl Benzene
Concen: 51.155 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

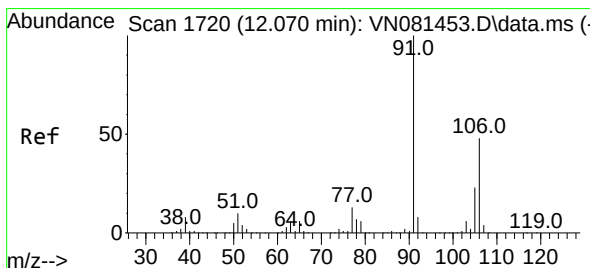
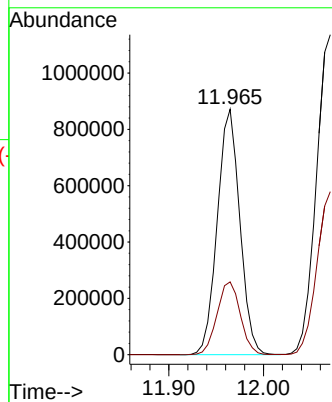
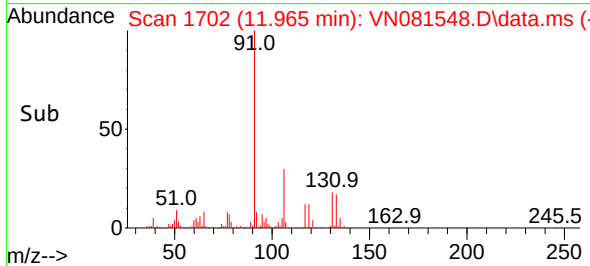
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



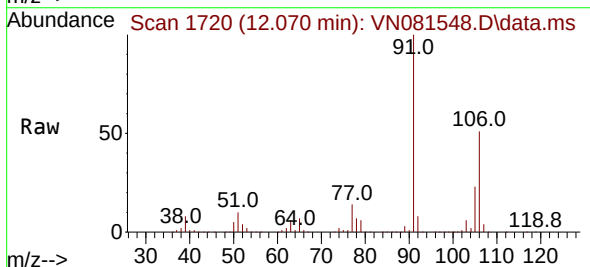
Tgt Ion: 91 Resp: 1441178
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

Manual Integrations
APPROVED

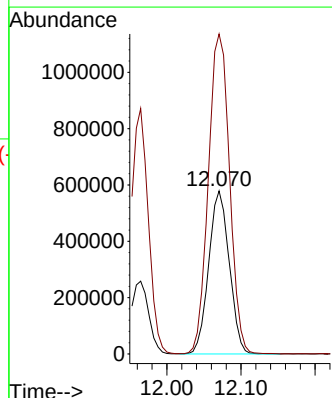
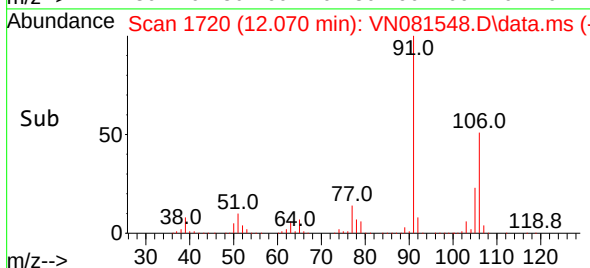
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

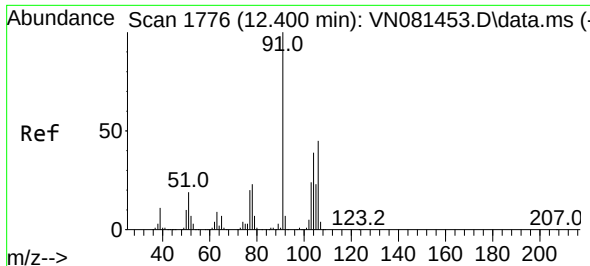


#68
m/p-Xylenes
Concen: 105.426 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



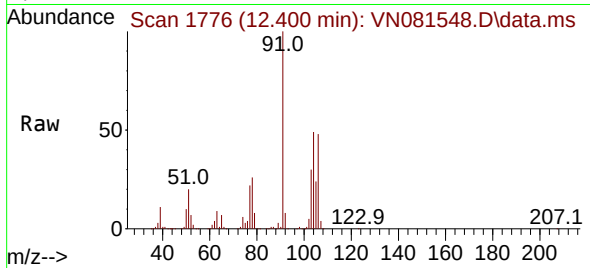
Tgt Ion:106 Resp: 1113457
Ion Ratio Lower Upper
106 100
91 202.8 169.0 253.6





#69
o-Xylene
Concen: 52.249 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

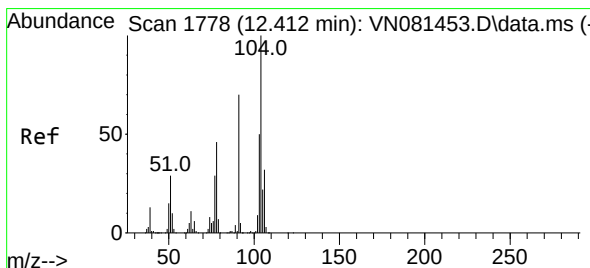
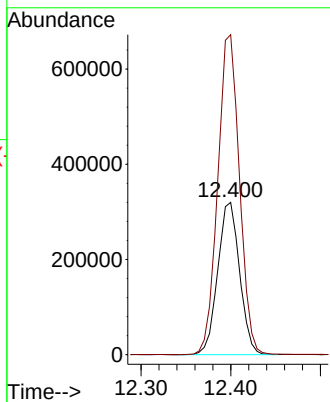
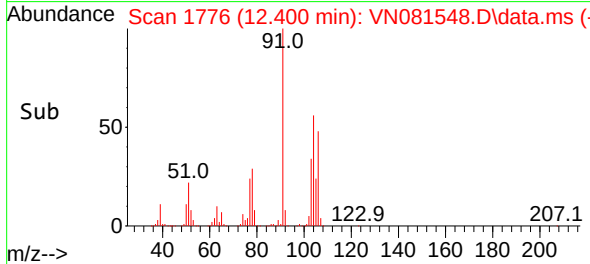
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 54174
Ion Ratio Lower Upper
106 100
91 209.1 112.1 336.3

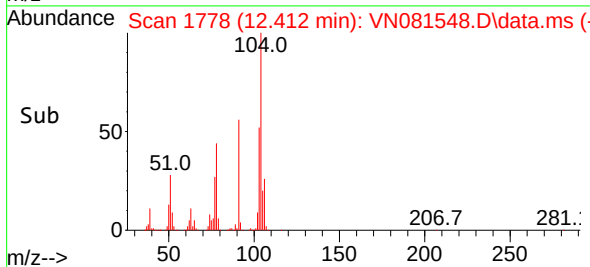
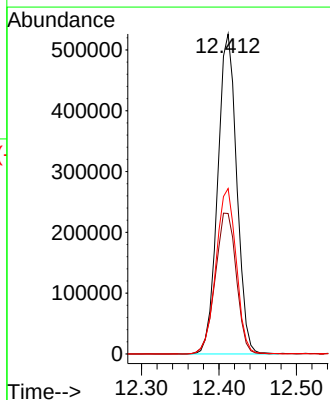
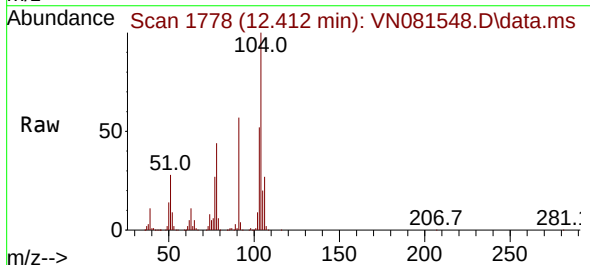
Manual Integrations
APPROVED

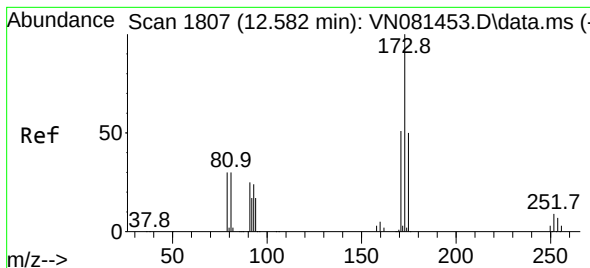
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#70
Styrene
Concen: 53.807 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion:104 Resp: 899778
Ion Ratio Lower Upper
104 100
78 48.6 43.8 65.8
103 54.9 44.2 66.2





#71

Bromoform

Concen: 45.791 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 20683

Ion Ratio Lower Upper

173 100

175 47.2 23.1 69.2

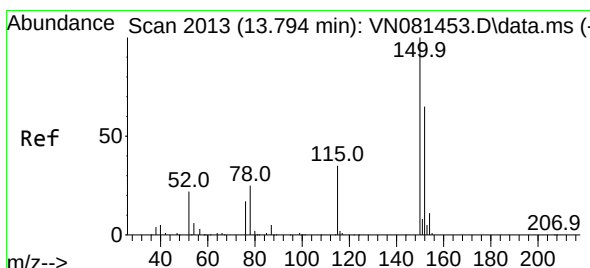
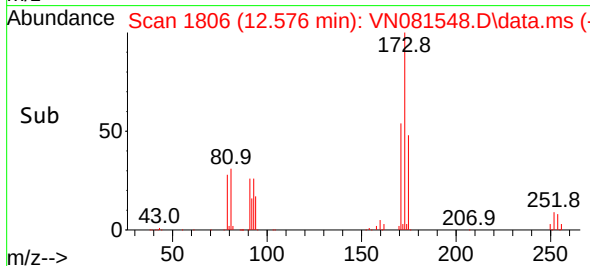
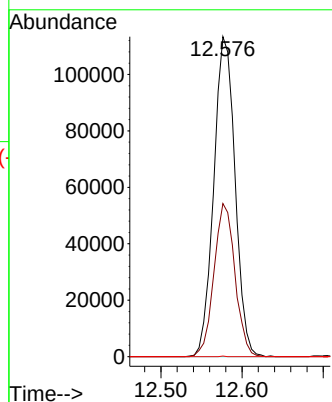
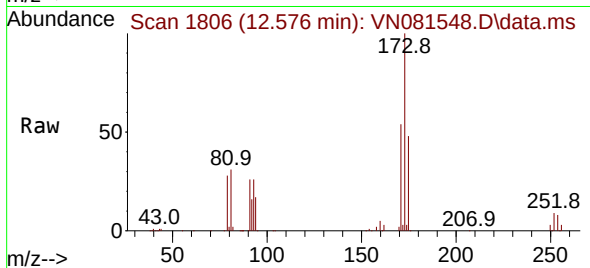
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081548.D

Acq: 22 Mar 2024 15:47

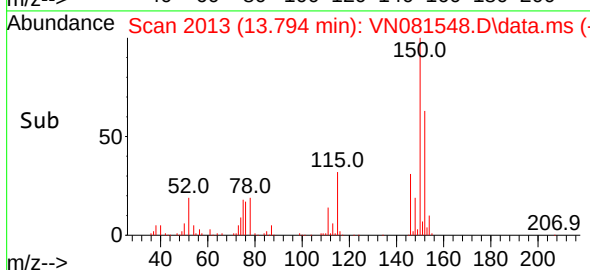
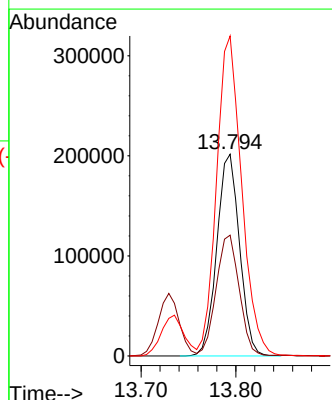
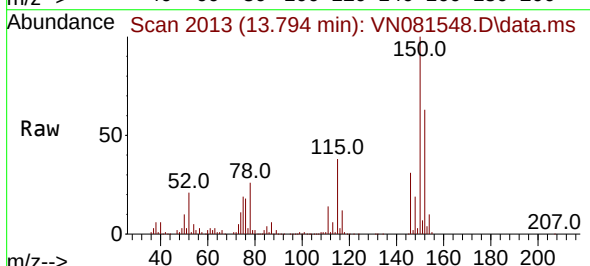
Tgt Ion:152 Resp: 336107

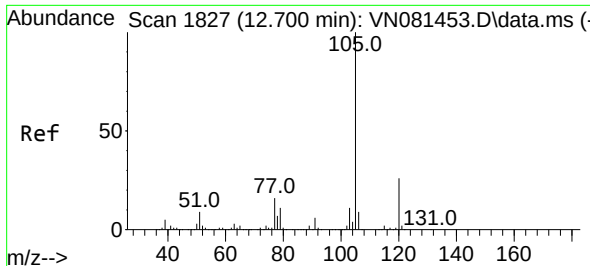
Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 175.4 0.0 339.8





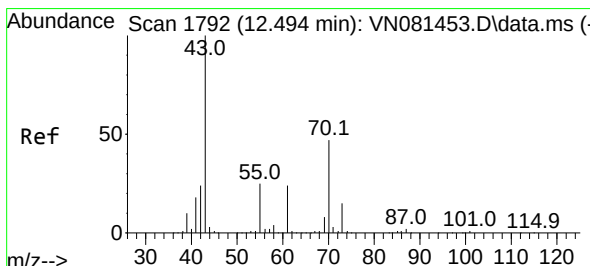
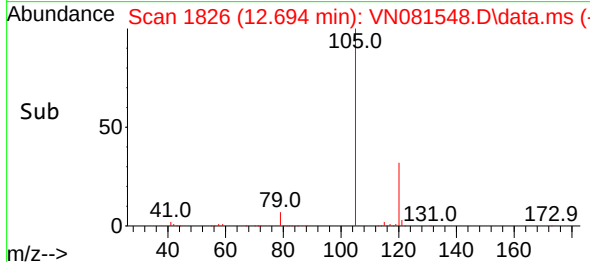
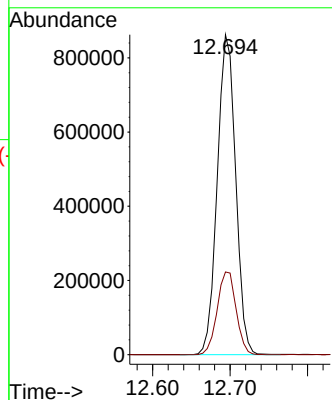
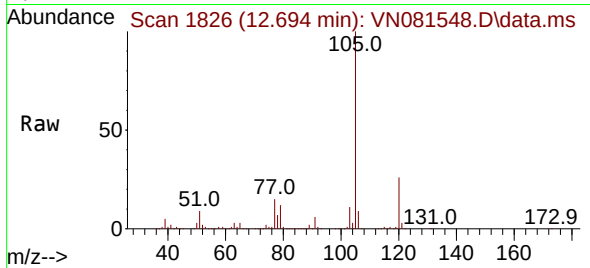
#73
Isopropylbenzene
Concen: 49.581 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 142050
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

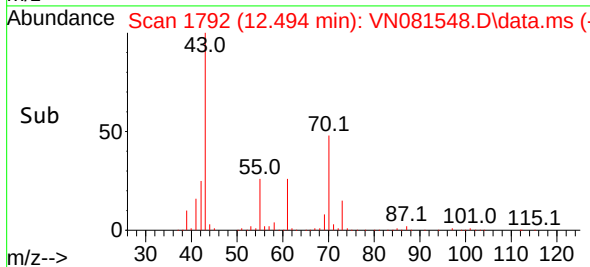
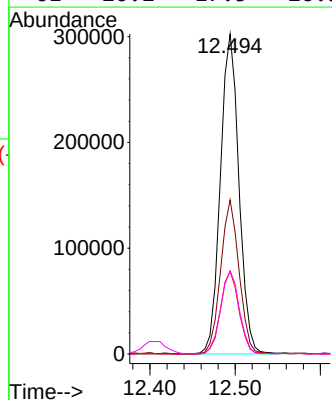
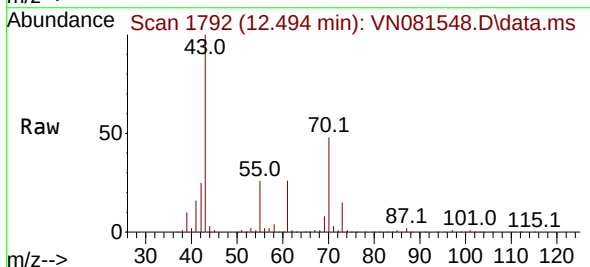
Manual Integrations
APPROVED

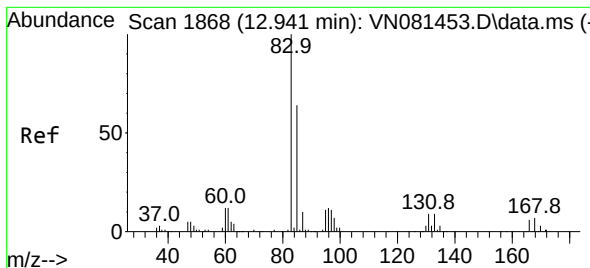
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#74
N-ethyl acetate
Concen: 44.141 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

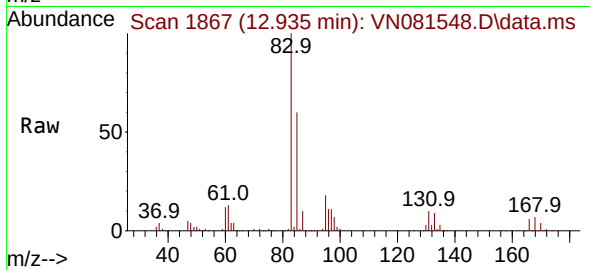
Tgt Ion: 43 Resp: 457657
Ion Ratio Lower Upper
43 100
70 47.7 30.1 45.1#
55 25.7 17.0 25.4#
61 26.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 41.886 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

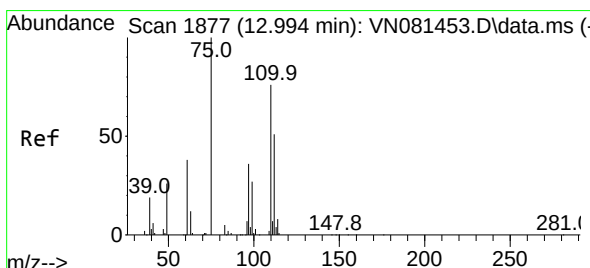
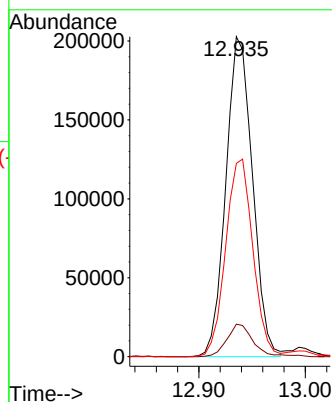
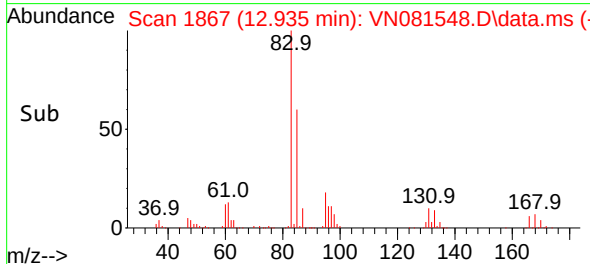
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 352825
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 63.0 32.1 96.3

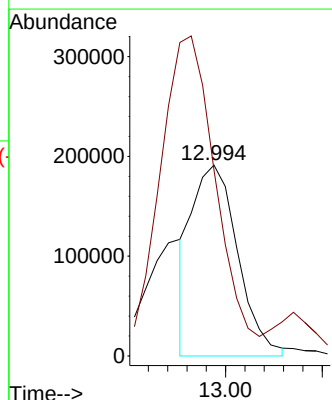
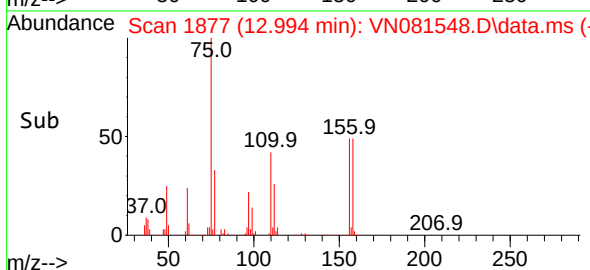
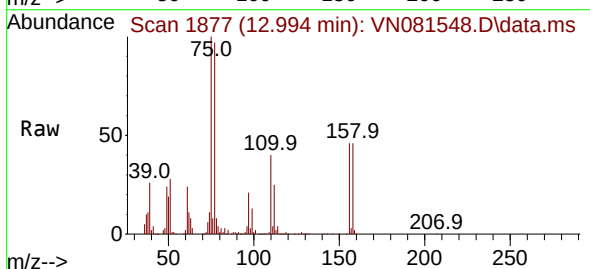
Manual Integrations
APPROVED

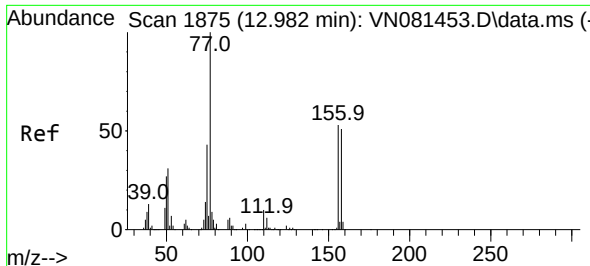
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#76
1,2,3-Trichloropropane
Concen: 39.138 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

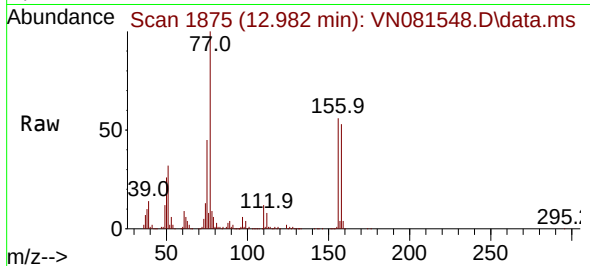
Tgt Ion: 75 Resp: 314661
Ion Ratio Lower Upper
75 100
77 207.0 91.0 272.8





#77
Bromobenzene
Concen: 45.840 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

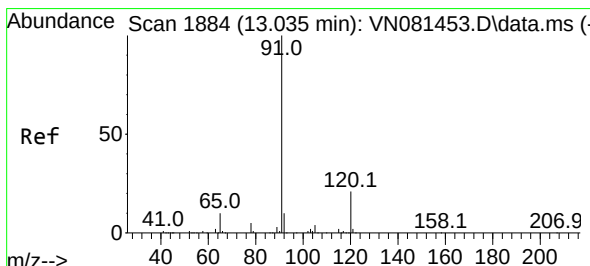
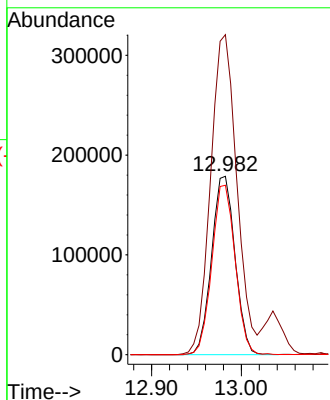
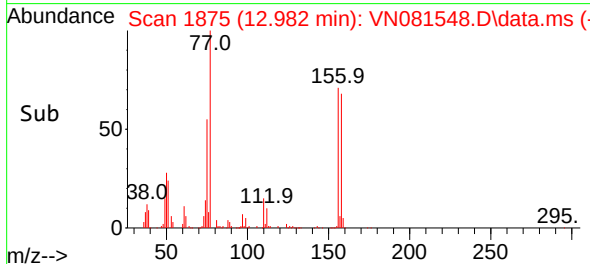
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



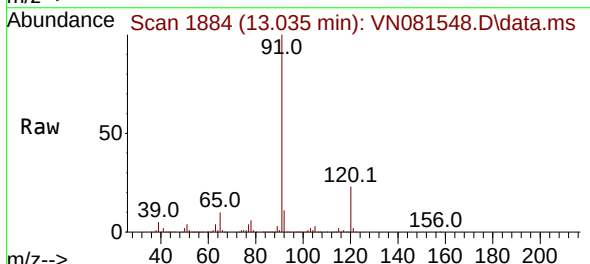
Tgt Ion:156 Resp: 324425
Ion Ratio Lower Upper
156 100
77 200.8 138.1 414.3
158 94.3 46.5 139.5

Manual Integrations
APPROVED

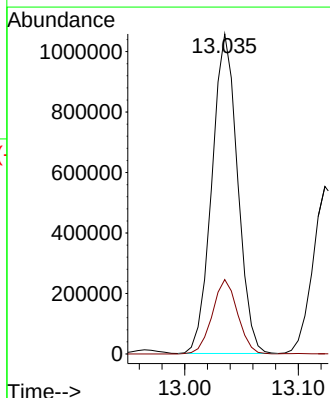
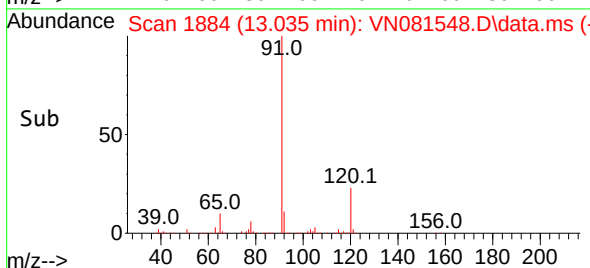
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

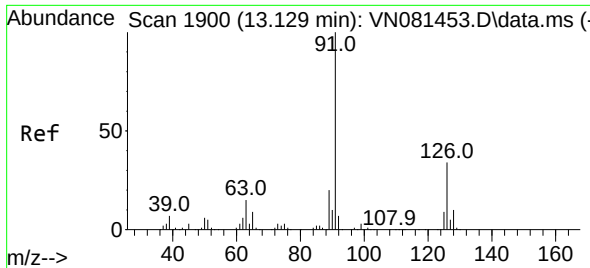


#78
n-propylbenzene
Concen: 49.111 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



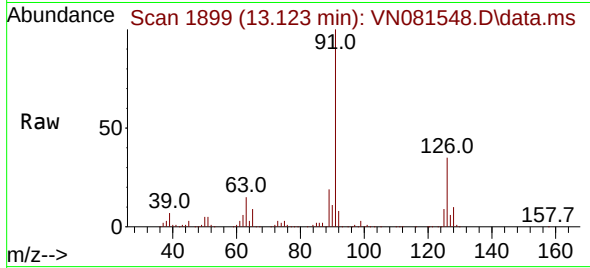
Tgt Ion: 91 Resp: 1661650
Ion Ratio Lower Upper
91 100
120 22.9 10.3 30.9





#79
2-Chlorotoluene
Concen: 47.544 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

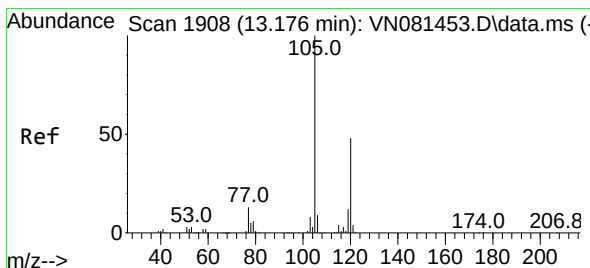
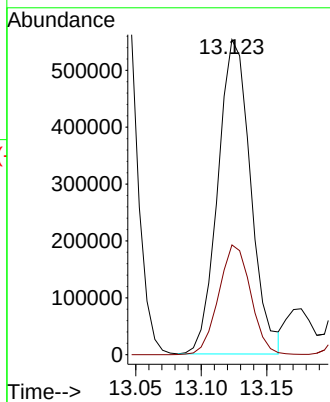
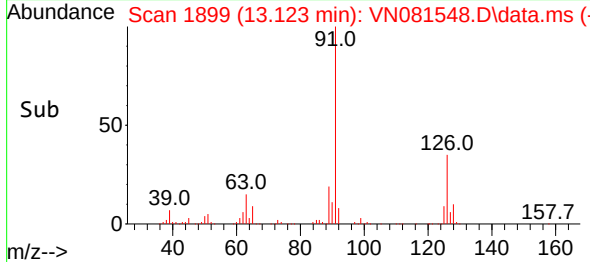
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



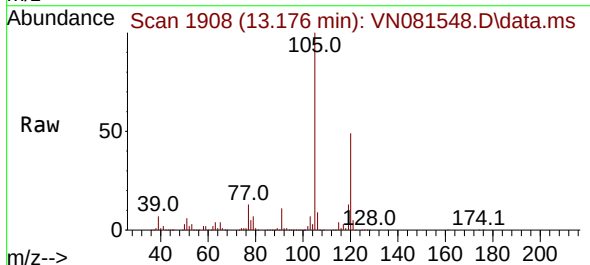
Tgt Ion: 91 Resp: 96278
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4

Manual Integrations
APPROVED

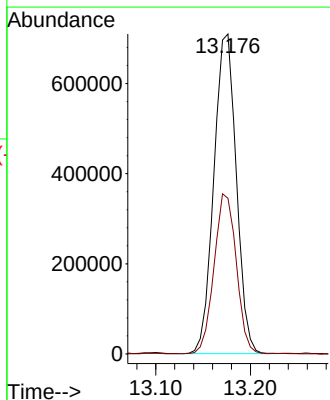
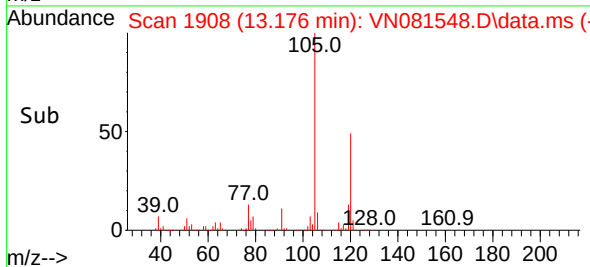
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

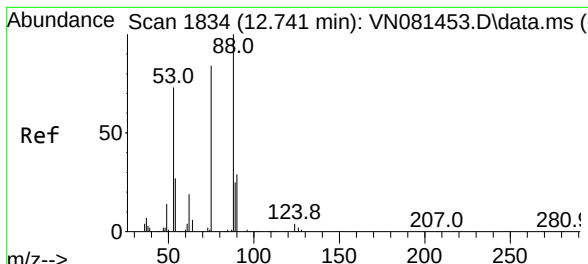


#80
1,3,5-Trimethylbenzene
Concen: 49.481 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



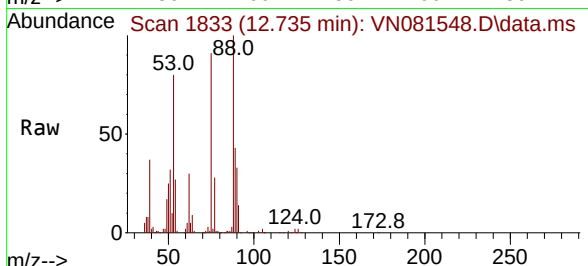
Tgt Ion:105 Resp: 1170905
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.717 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

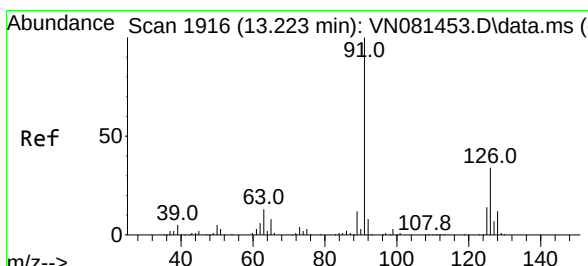
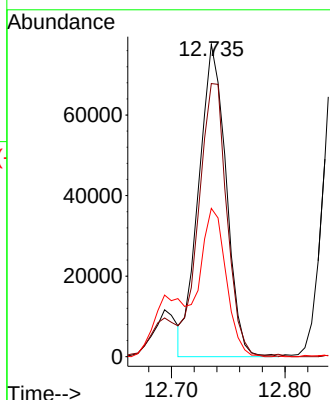
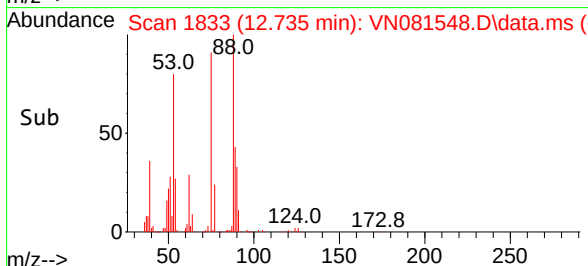
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 130060
Ion Ratio Lower Upper
75 100
53 88.9 71.4 107.2
89 46.3 33.4 50.0

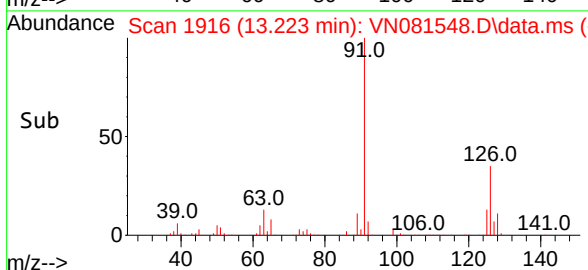
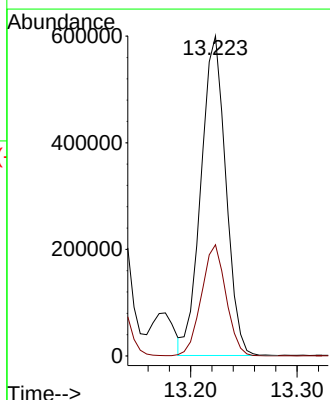
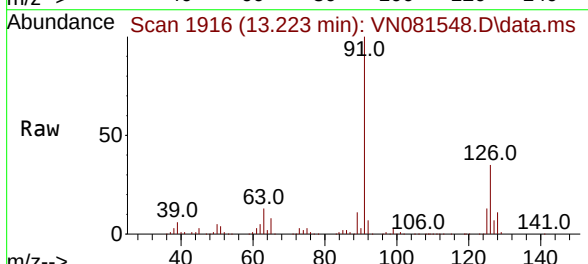
Manual Integrations
APPROVED

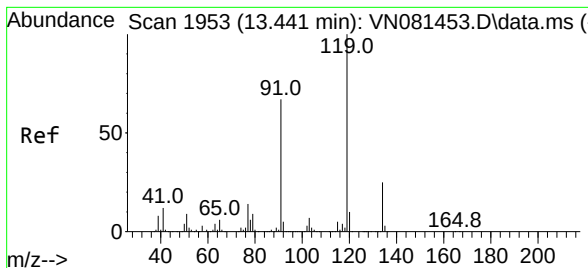
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#82
4-Chlorotoluene
Concen: 48.572 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

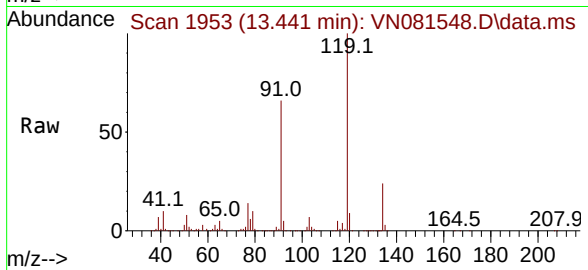
Tgt Ion: 91 Resp: 969741
Ion Ratio Lower Upper
91 100
126 34.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 49.140 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

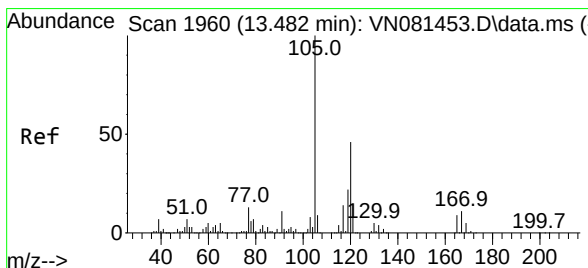
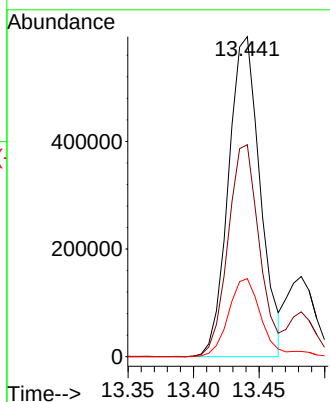
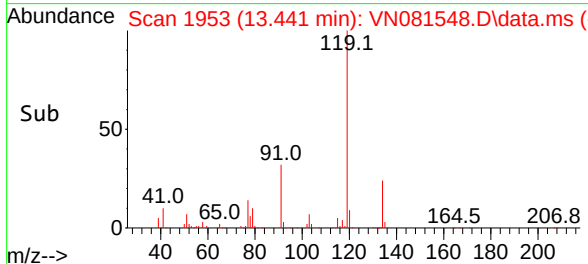
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



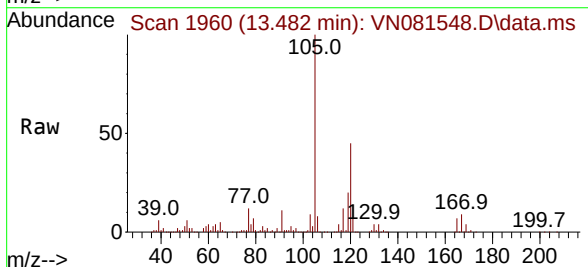
Tgt Ion:119 Resp: 1002744
Ion Ratio Lower Upper
119 100
91 65.2 36.8 110.4
134 25.7 12.4 37.4

Manual Integrations
APPROVED

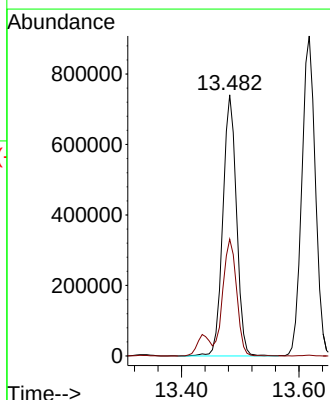
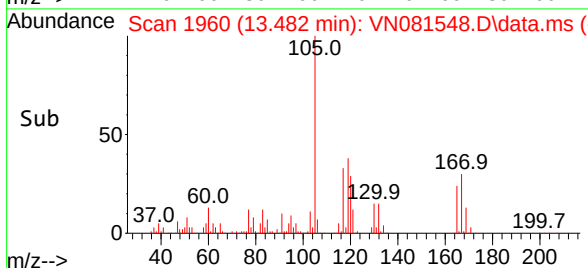
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

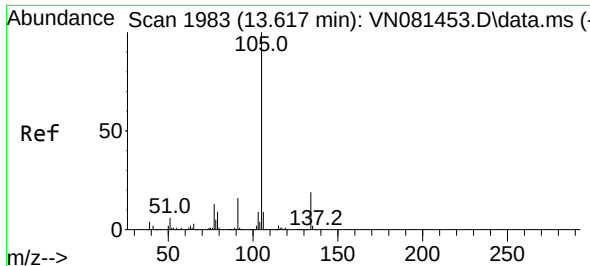


#84
1,2,4-Trimethylbenzene
Concen: 50.144 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



Tgt Ion:105 Resp: 1192603
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





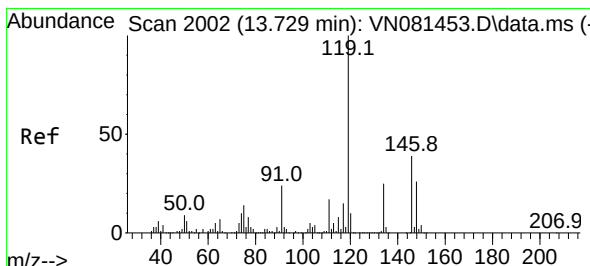
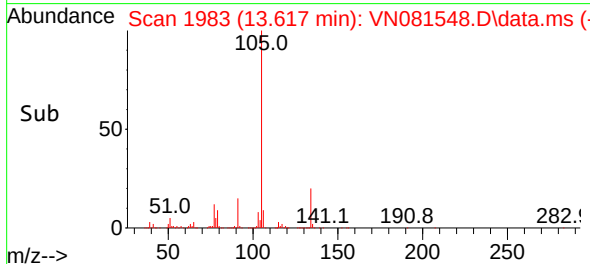
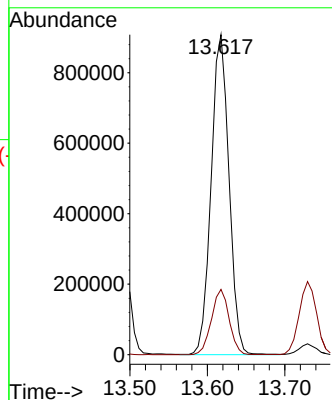
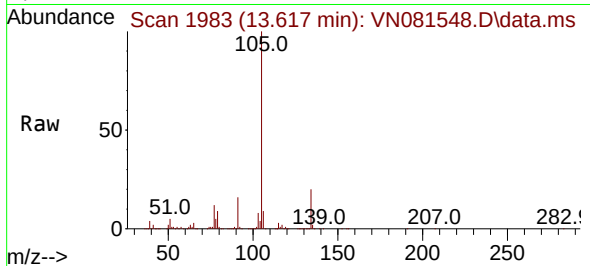
#85
 sec-Butylbenzene
 Concen: 49.769 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1451810
 Ion Ratio Lower Upper
 105 100
 134 20.2 8.6 25.8

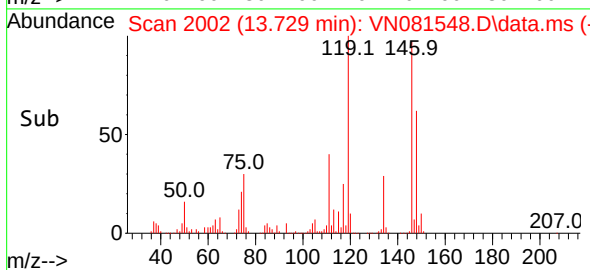
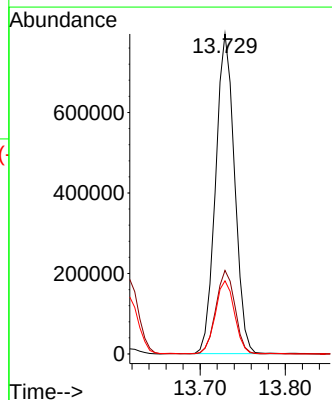
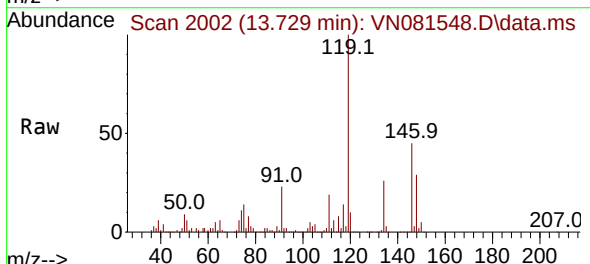
Manual Integrations
 APPROVED

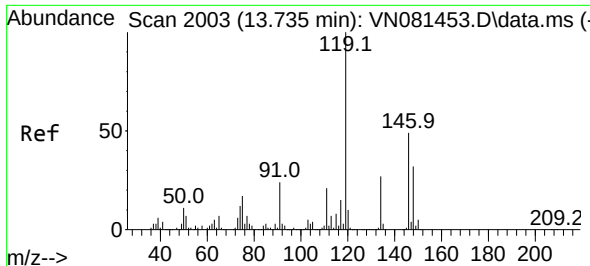
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#86
 p-Isopropyltoluene
 Concen: 51.426 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

Tgt Ion:119 Resp: 1226275
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 23.1 13.5 40.4





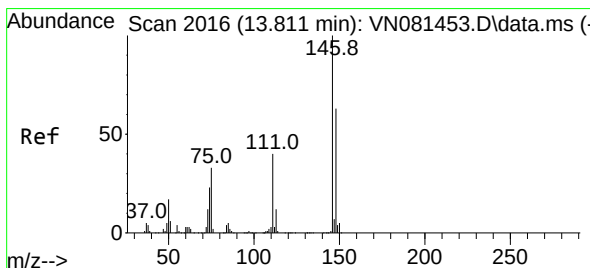
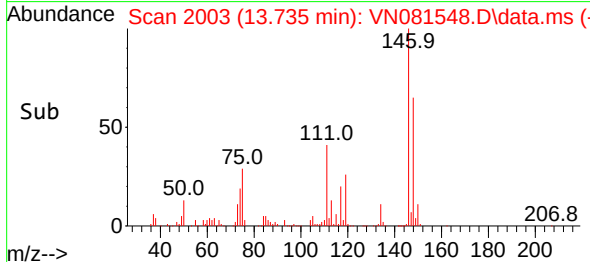
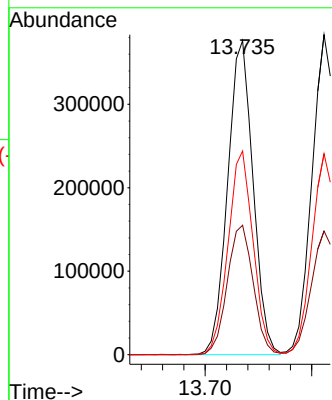
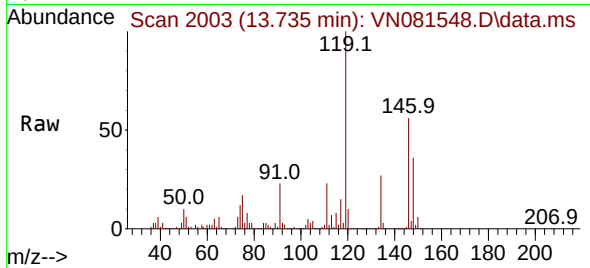
#87
1,3-Dichlorobenzene
Concen: 47.971 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 62378
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.7
148 64.1 32.6 97.7

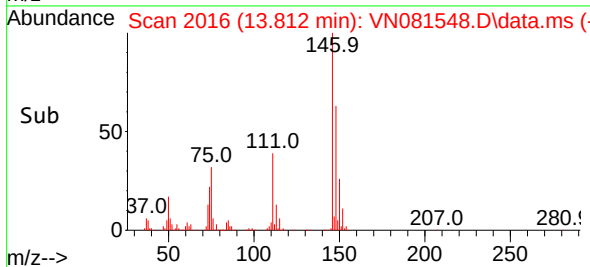
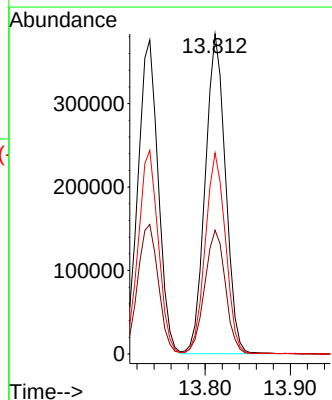
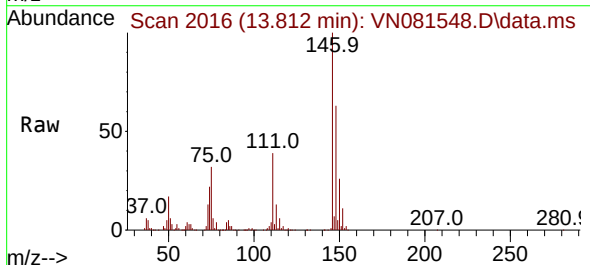
Manual Integrations
APPROVED

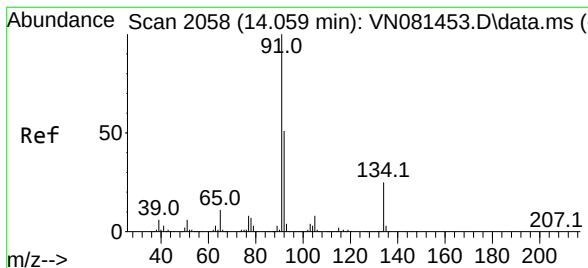
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#88
1,4-Dichlorobenzene
Concen: 46.937 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Tgt Ion:146 Resp: 631972
Ion Ratio Lower Upper
146 100
111 40.0 22.6 67.7
148 62.7 31.9 95.5





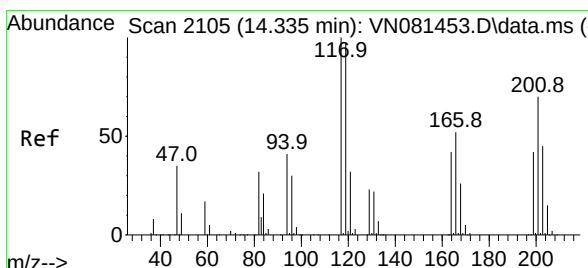
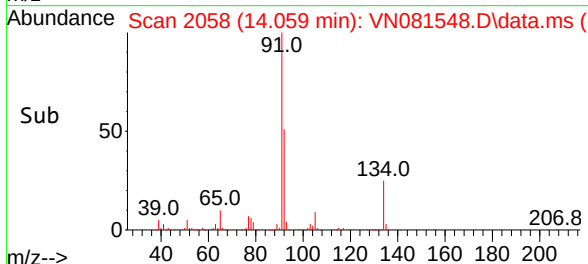
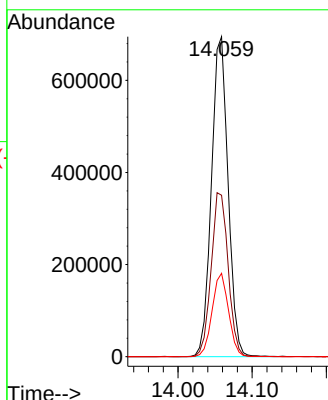
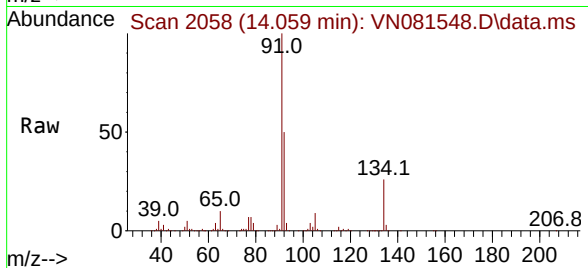
#89
n-Butylbenzene
Concen: 51.048 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1079399
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 25.8 10.8 32.4

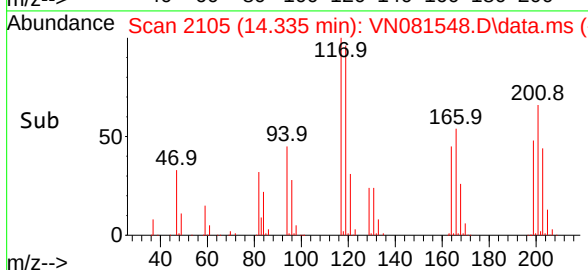
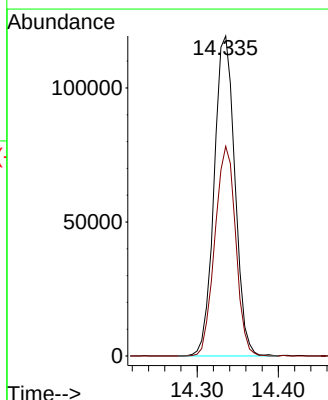
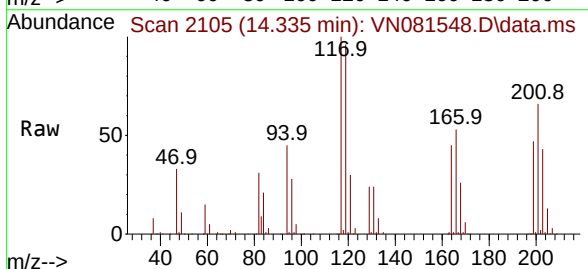
Manual Integrations
APPROVED

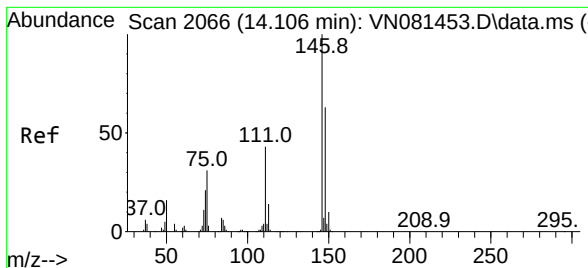
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#90
Hexachloroethane
Concen: 47.006 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

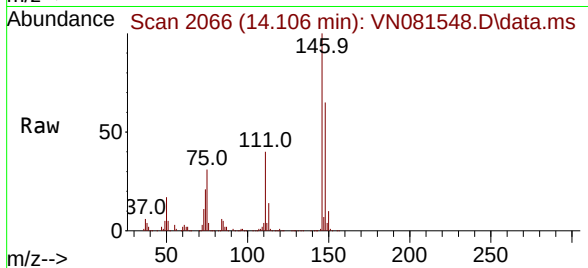
Tgt Ion:117 Resp: 212280
Ion Ratio Lower Upper
117 100
201 65.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 49.177 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

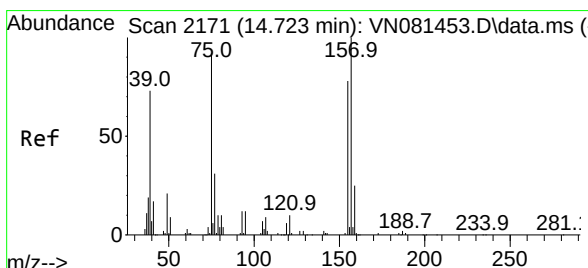
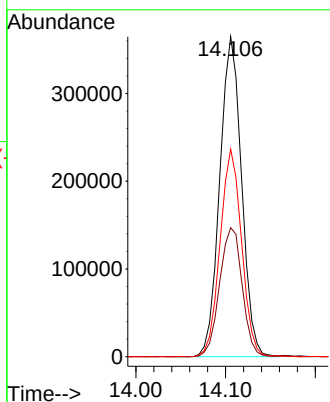
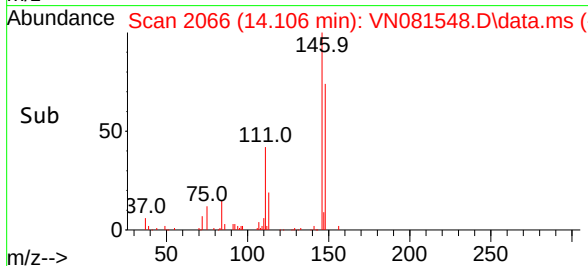
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 615479
Ion Ratio Lower Upper
146 100
111 41.7 23.9 71.8
148 64.0 31.4 94.0

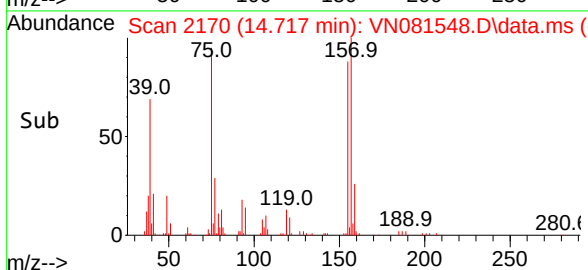
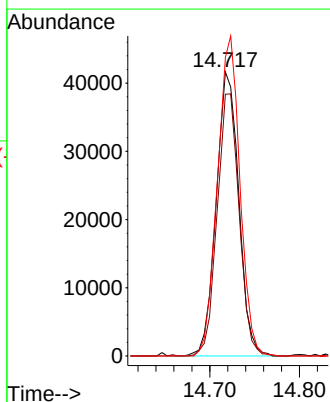
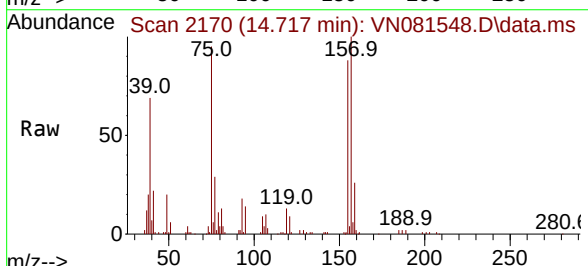
Manual Integrations
APPROVED

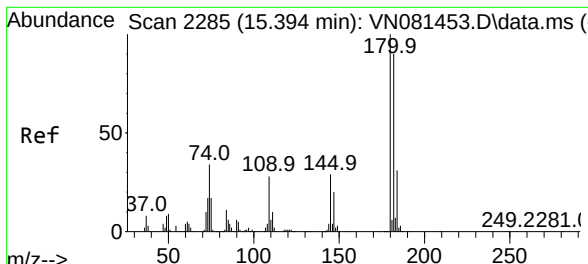
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.551 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

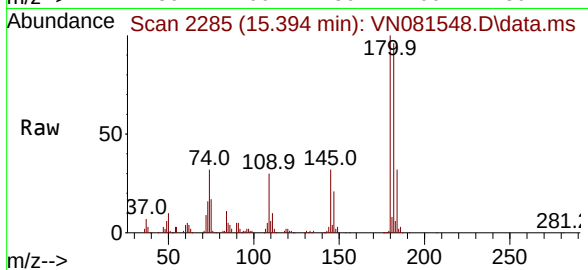
Tgt Ion: 75 Resp: 72696
Ion Ratio Lower Upper
75 100
155 89.9 31.8 95.4
157 112.1 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 50.649 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

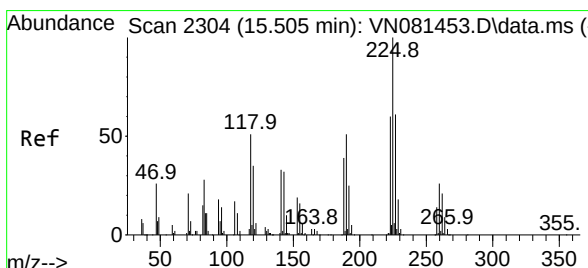
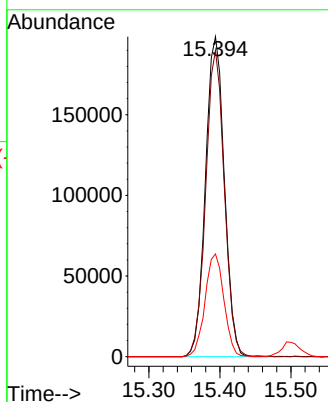
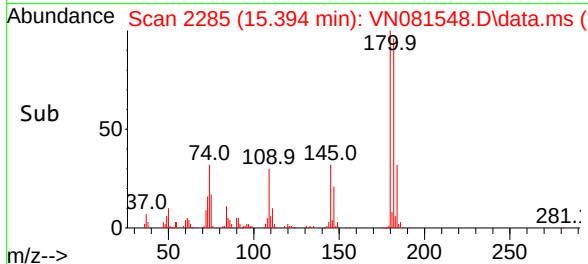
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 36652
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.6 139.7
 145 32.1 16.8 50.3

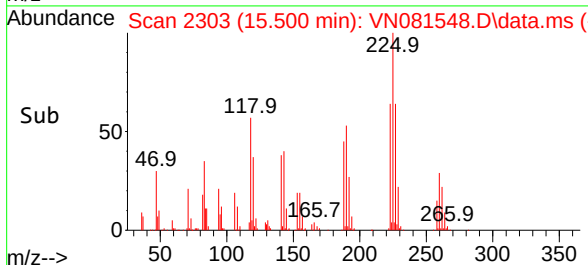
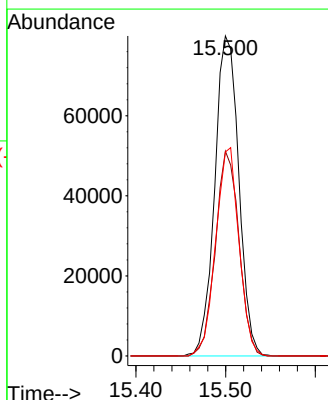
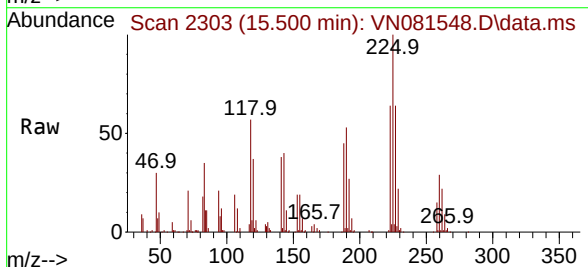
Manual Integrations
 APPROVED

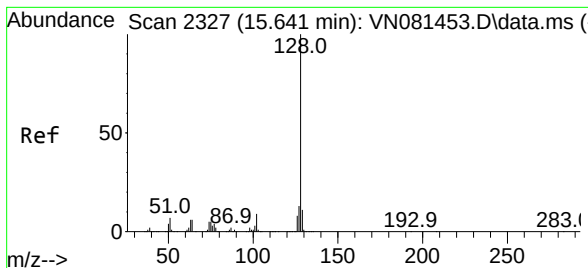
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#94
 Hexachlorobutadiene
 Concen: 46.841 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081548.D
 Acq: 22 Mar 2024 15:47

Tgt Ion:225 Resp: 148726
 Ion Ratio Lower Upper
 225 100
 223 62.7 33.3 99.8
 227 63.0 33.1 99.2





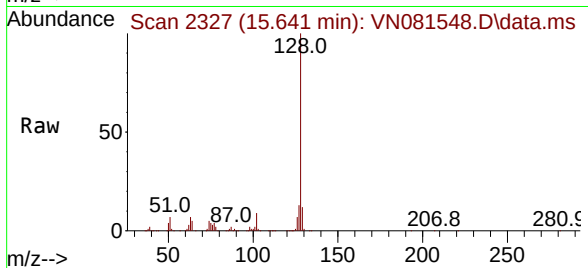
#95
Naphthalene
Concen: 49.585 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



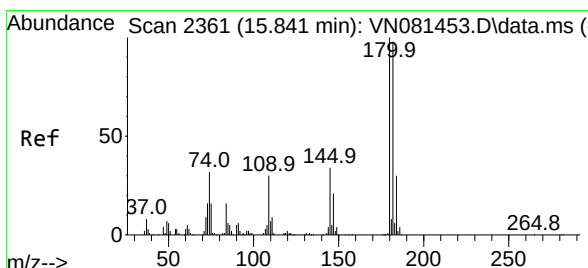
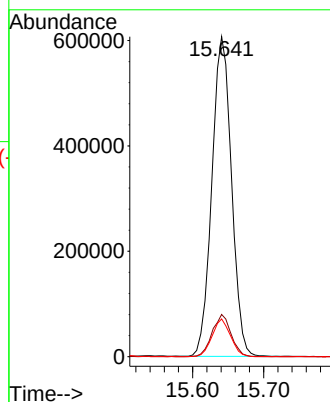
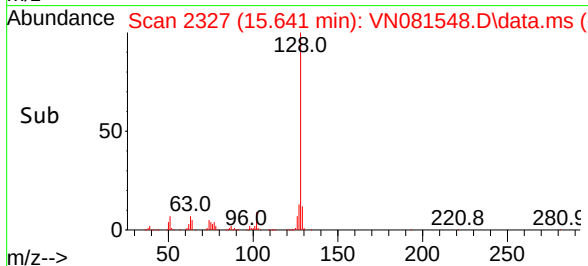
Tgt Ion:128 Resp: 116270
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations

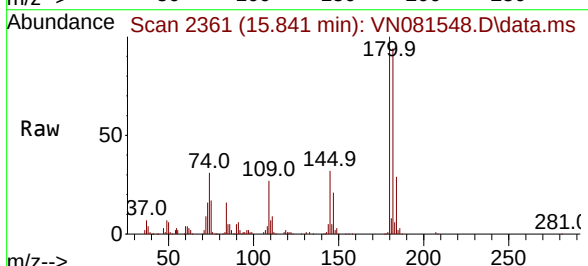
APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.594 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081548.D
Acq: 22 Mar 2024 15:47



Tgt Ion:180 Resp: 353714
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.3
145 33.4 17.8 53.4

