

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082013.D
 Acq On : 06 May 2024 17:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 01:12:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31673	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	196351	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	174635	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83351	31.432	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.767%			
60) 4-Bromofluorobenzene	12.853	95	83474	28.722	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.733%			
63) Toluene-d8	10.571	98	253572	30.575	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32357	17.997	ug/l	93
3) Chloromethane	2.359	50	42766	20.511	ug/l	100
4) Vinyl Chloride	2.518	62	41468	21.053	ug/l	93
5) Bromomethane	2.959	94	18671	18.166	ug/l	99
6) Chloroethane	3.124	64	32651	29.274	ug/l	93
7) Trichlorofluoromethane	3.501	101	55861	19.381	ug/l	90
8) Diethyl Ether	3.965	74	28626	20.517	ug/l	82
9) 1,1,2-Trichlorotrifluoro...	4.371	101	39181	19.830	ug/l	68
10) 1,1-Dichloroethene	4.342	96	36677	18.974	ug/l #	75
11) Methyl Iodide	4.583	142	26759m	15.147	ug/l	
12) Methyl Acetate	5.030	43	52793	21.811	ug/l #	72
13) Acrolein	4.183	56	19834m	38.555	ug/l	
14) Acrylonitrile	5.718	53	115277	104.351	ug/l	97
15) Acetone	4.424	58	25303	102.215	ug/l	97
16) Carbon Disulfide	4.712	76	96394	17.999	ug/l	100
17) Allyl chloride	5.030	41	66256	19.522	ug/l	89
18) Methylene Chloride	5.277	84	46143m	20.979	ug/l	
19) trans-1,2-Dichloroethene	5.789	96	38552	19.160	ug/l	86
20) Diisopropyl ether	6.671	45	157805	21.015	ug/l	91
21) 1,1-Dichloroethane	6.565	63	86161	21.670	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	50670	20.665	ug/l	94
23) tert-Butyl Alcohol	5.524	59	41009	90.122	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	137487	19.728	ug/l #	85
25) Chloroform	7.965	83	80322	20.998	ug/l	98
26) Cyclohexane	8.259	56	69005	20.070	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	58137	19.888	ug/l	95
30) 2-Butanone	7.483	43	144209	95.704	ug/l	94
31) 2,2-Dichloropropane	7.489	77	67122	22.407	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	62237	18.512	ug/l #	93
33) Carbon Tetrachloride	8.365	117	51223	18.774	ug/l	97
34) Benzene	8.612	78	185443	19.885	ug/l	98
35) Methacrylonitrile	7.777	41	36729	19.267	ug/l	88
36) 1,2-Dichloroethane	8.671	62	60843	19.435	ug/l	97
37) Trichloroethene	9.353	130	38299	16.767	ug/l	93
38) Methylcyclohexane	9.600	83	68481	19.393	ug/l	97
39) 1,2-Dichloropropane	9.624	63	50830	21.242	ug/l	99
40) Dibromomethane	9.712	93	29368	19.105	ug/l	87
41) Bromodichloromethane	9.888	83	65198	19.843	ug/l #	97
42) Vinyl Acetate	6.600	43	625091	97.464	ug/l	96

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 ALS Vial : 15 Sample Multiplier: 1

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 VSTDCCC020EC

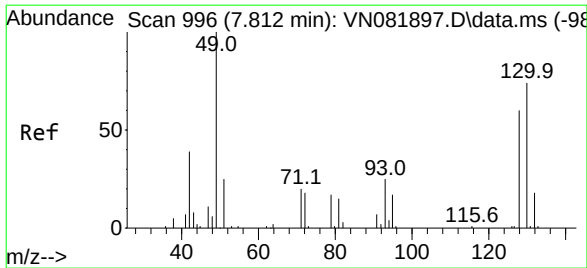
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 01:12:01 2024
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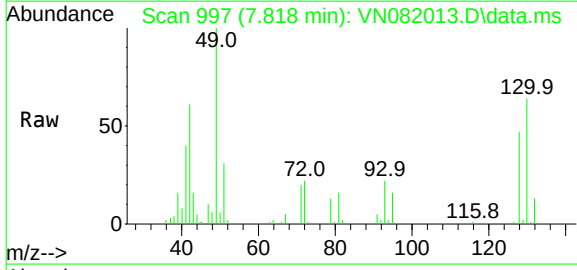
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	62947	19.160	ug/l	100
44) Isopropyl Acetate	8.688	43	111563	19.127	ug/l	92
45) 1,4-Dioxane	9.694	88	16784	358.820	ug/l #	95
46) Methyl methacrylate	9.688	41	51549	19.345	ug/l	80
47) n-amyl Acetate	12.494	43	100234	19.054	ug/l	90
48) t-1,3-Dichloropropene	10.841	75	66428	18.644	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	76012	20.178	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	42567	20.411	ug/l	97
51) Ethyl methacrylate	10.877	69	76057	19.323	ug/l	76
52) 1,3-Dichloropropane	11.165	76	75148	19.613	ug/l	100
53) Dibromochloromethane	11.365	129	41523	18.299	ug/l	97
54) 1,2-Dibromoethane	11.471	107	40839	19.635	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	189055	96.051	ug/l	95
56) Bromoform	12.582	173	23230	16.821	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	323419	95.379	ug/l #	87
59) 2-Hexanone	11.200	43	239063m	95.087	ug/l	
61) Tetrachloroethene	11.106	164	30113	15.540	ug/l	93
62) Toluene	10.630	91	191525	19.492	ug/l	100
64) Chlorobenzene	11.894	112	116167	19.329	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	36573	18.593	ug/l	93
66) Ethyl Benzene	11.965	91	212518	19.731	ug/l	98
67) m/p-Xylenes	12.071	106	153539	38.449	ug/l	99
68) o-Xylene	12.400	106	73449	18.590	ug/l	98
69) Styrene	12.412	104	126747	19.111	ug/l	98
70) Isopropylbenzene	12.694	105	190003	18.935	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	62154	21.524	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	51499m	19.076	ug/l	
73) Bromobenzene	12.982	156	40166	18.700	ug/l	80
74) n-propylbenzene	13.035	91	233359	19.712	ug/l	98
75) 2-Chlorotoluene	13.129	91	142352	19.437	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	155240	19.113	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22867	19.031	ug/l	90
78) 4-Chlorotoluene	13.223	91	135046	18.822	ug/l	100
79) tert-butylbenzene	13.441	119	133730	19.123	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	154831	18.978	ug/l	98
81) sec-Butylbenzene	13.618	105	192515	19.639	ug/l	97
82) p-Isopropyltoluene	13.729	119	151234	19.511	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	71984	18.612	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	70471	18.128	ug/l	96
85) n-Butylbenzene	14.059	91	142434	20.117	ug/l	96
86) Hexachloroethane	14.335	117	26358	17.054	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	73212	19.006	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10745	16.583	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	35937	16.943	ug/l	99
90) Hexachlorobutadiene	15.500	225	11851	15.086	ug/l	90
91) Naphthalene	15.641	128	144339	17.901	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	35937	16.943	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

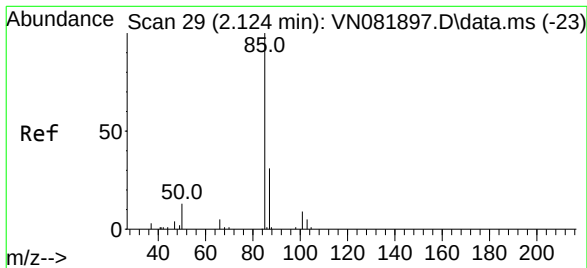
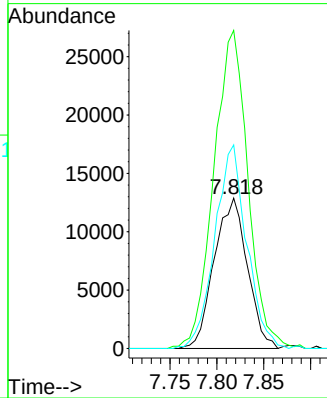
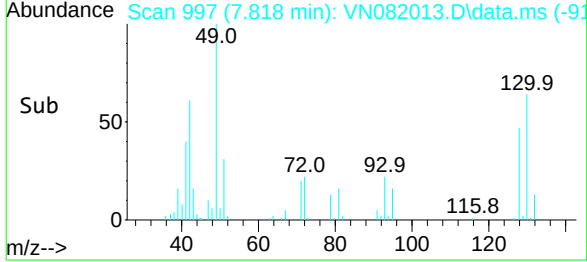
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 31673
Ion Ratio Lower Upper
128 100
49 217.5 0.0 403.7
130 130.2 0.0 323.3

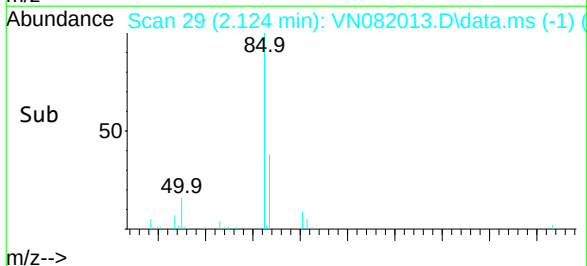
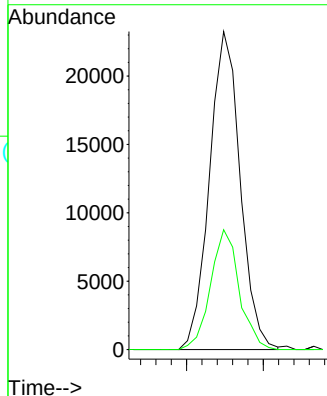
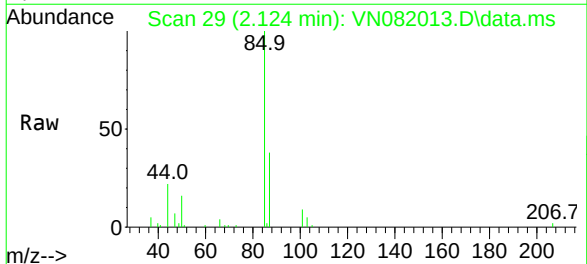
Manual Integrations
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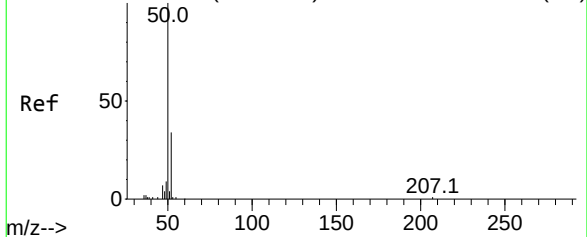


#2
Dichlorodifluoromethane
Concen: 17.997 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 85 Resp: 32357
Ion Ratio Lower Upper
85 100
87 37.7 16.8 50.3



Abundance Scan 69 (2.360 min): VN081897.D\data.ms (-64)



#3
Chloromethane
Concen: 20.511 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

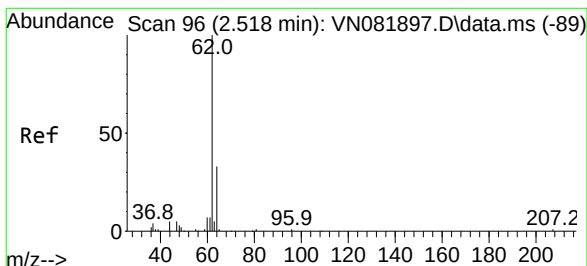
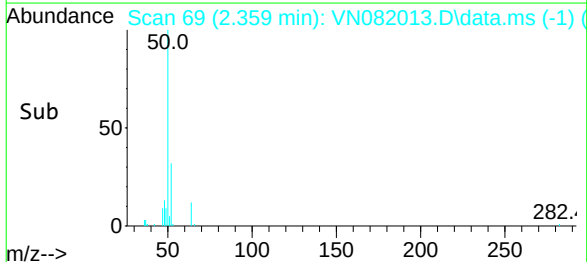
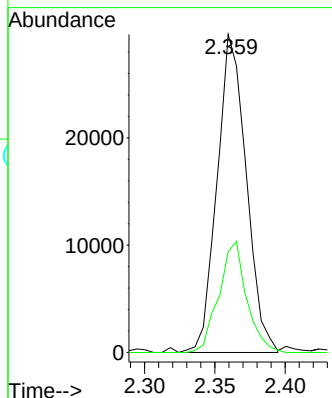
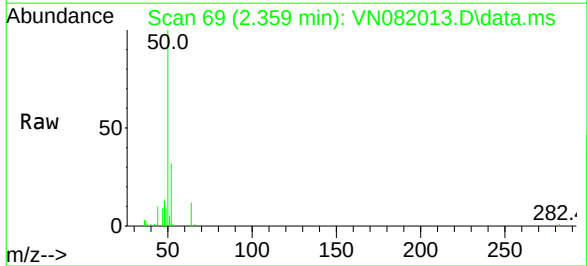
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 42766
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

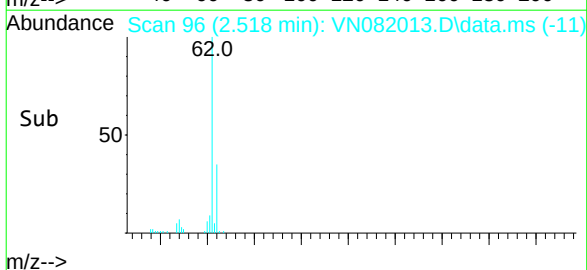
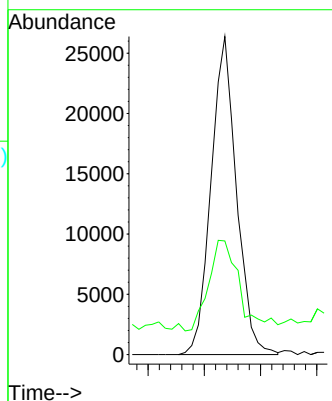
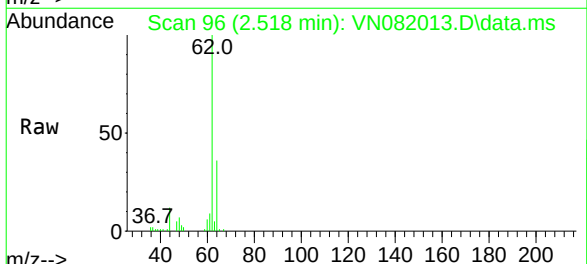
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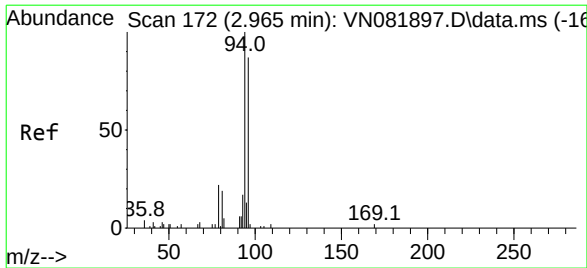
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#4
Vinyl Chloride
Concen: 21.053 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 62 Resp: 41468
Ion Ratio Lower Upper
62 100
64 26.3 24.1 36.1





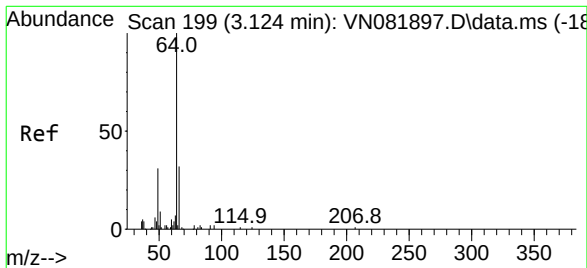
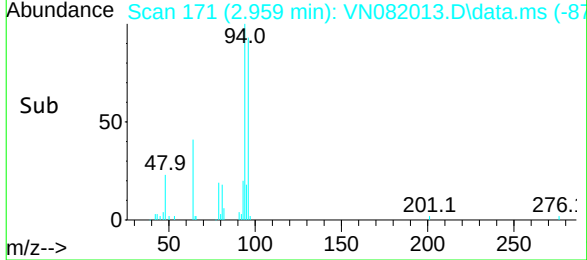
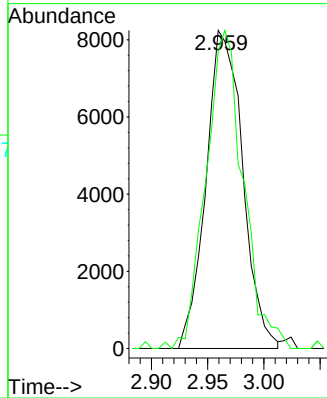
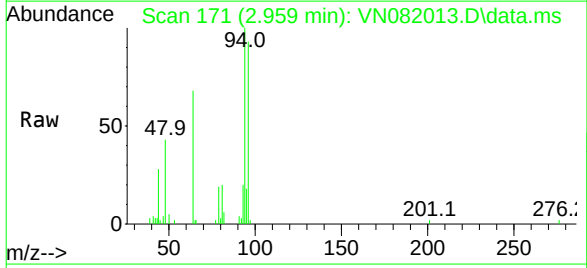
#5
Bromomethane
Concen: 18.166 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
94	100		
96	89.8	72.8	109.2

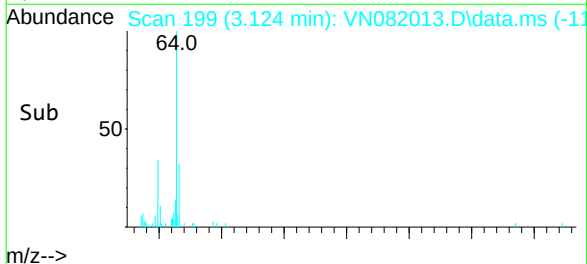
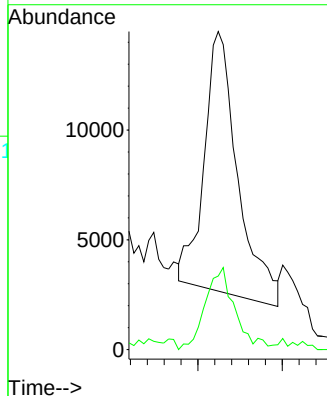
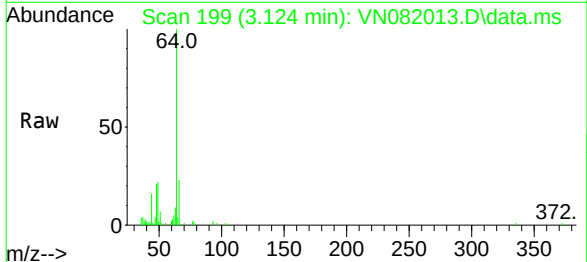
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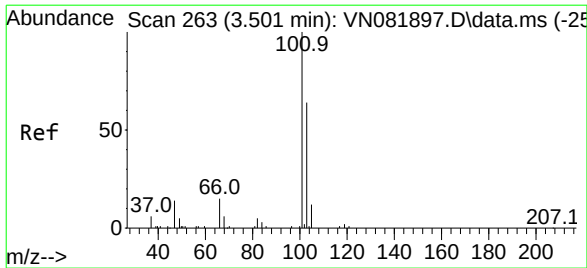
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#6
Chloroethane
Concen: 29.274 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
64	100		
66	29.5	26.7	40.1





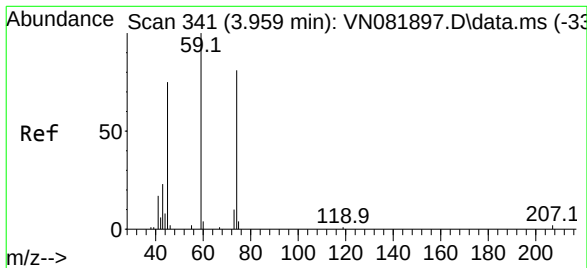
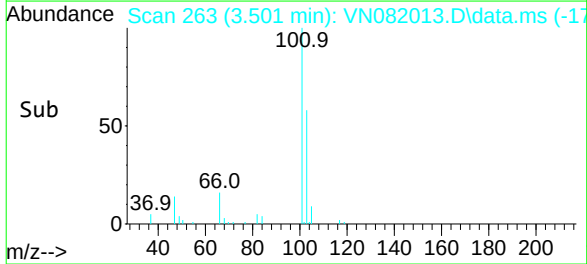
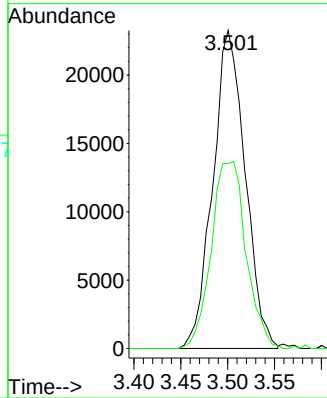
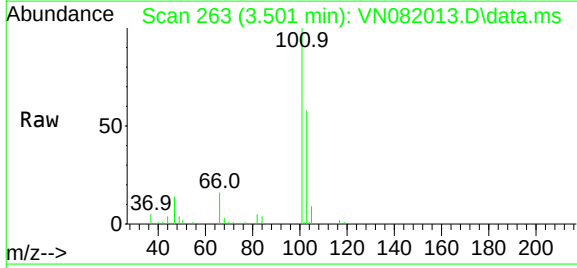
#7
 Trichlorofluoromethane
 Concen: 19.381 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082013.D
 Acq: 06 May 2024 17:20

Instrument :
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Tgt Ion: 101 Resp: 55861
 Ion Ratio Lower Upper
 101 100
 103 58.1 53.0 79.4

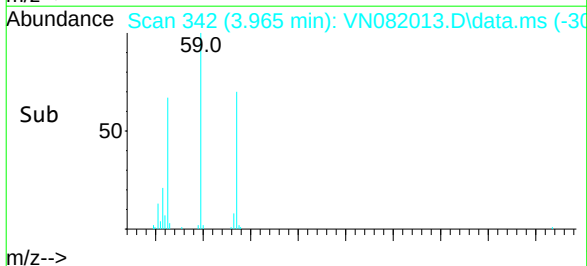
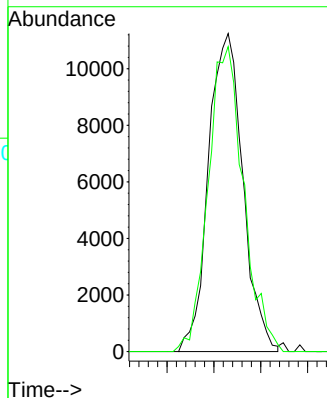
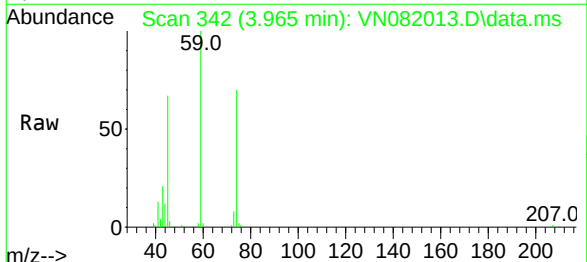
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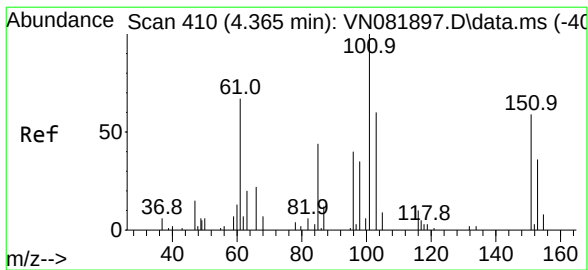
Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024



#8
 Diethyl Ether
 Concen: 20.517 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082013.D
 Acq: 06 May 2024 17:20

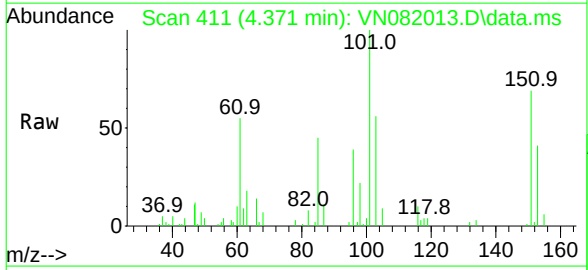
Tgt Ion: 74 Resp: 28626
 Ion Ratio Lower Upper
 74 100
 45 98.4 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.830 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

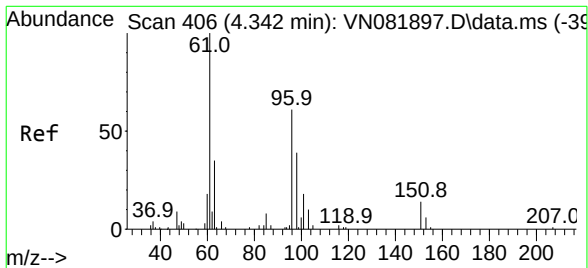
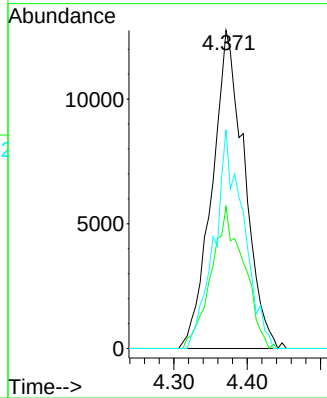
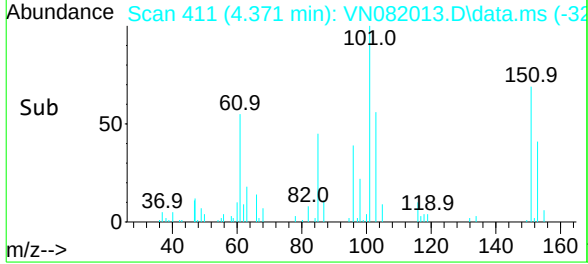
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



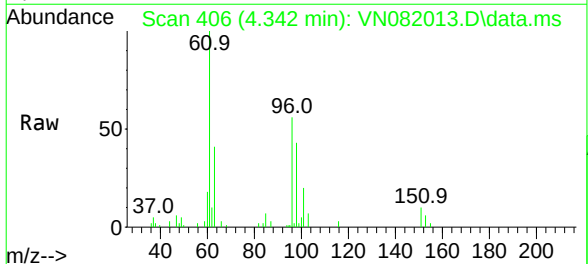
Tgt Ion: 101 Resp: 39181
Ion Ratio Lower Upper
101 100
85 44.5 0.0 90.6
151 35.2 0.0 157.6

Manual Integrations
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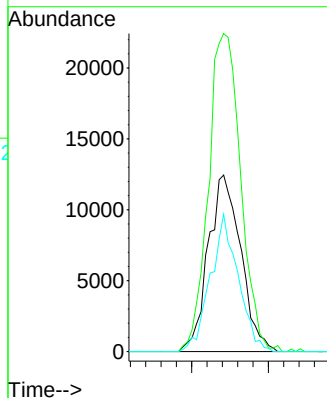
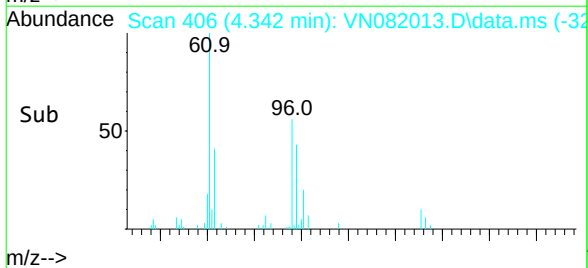
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024

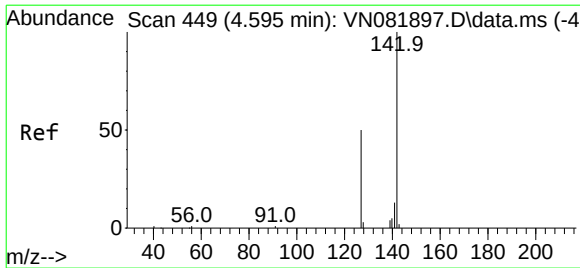


#10
1,1-Dichloroethene
Concen: 18.974 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



Tgt Ion: 96 Resp: 36677
Ion Ratio Lower Upper
96 100
61 180.1 117.6 176.4#
98 77.8 48.4 72.6#





#11

Methyl Iodide

Concen: 15.147 ug/l m

RT: 4.583 min Scan# 44

Delta R.T. -0.012 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

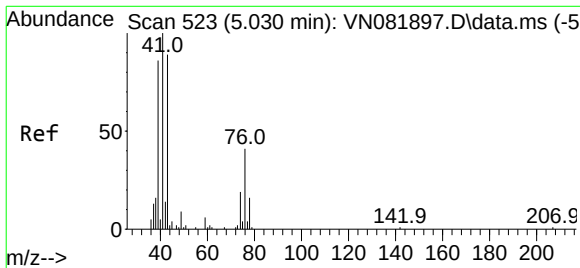
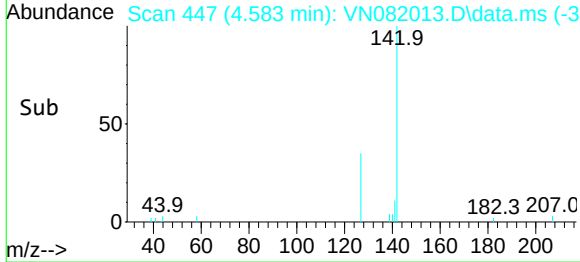
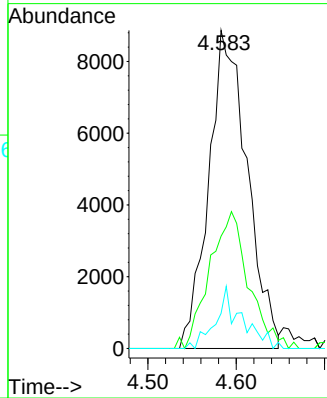
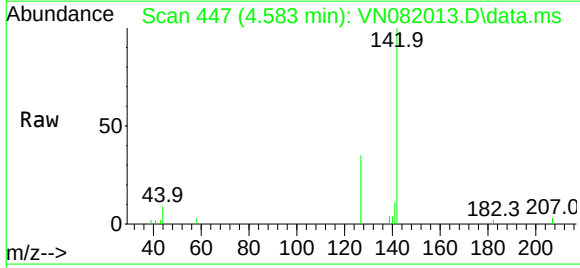
Tgt Ion:	142	Resp:	26759
Ion Ratio	Lower	Upper	
142	100		
127	35.3	26.3	78.9
141	11.0	8.3	24.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#12

Methyl Acetate

Concen: 21.811 ug/l

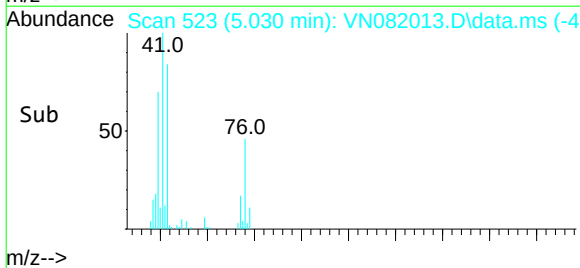
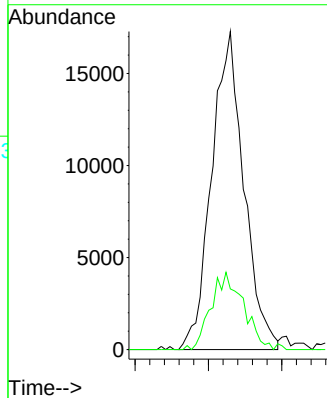
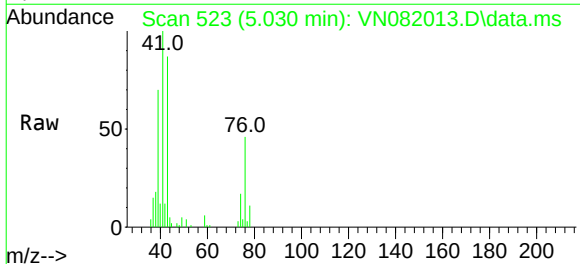
RT: 5.030 min Scan# 523

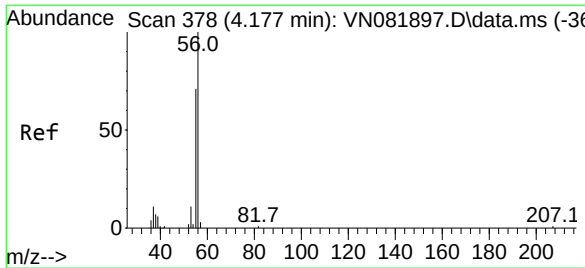
Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Tgt Ion:	43	Resp:	52793
Ion Ratio	Lower	Upper	
43	100		
74	18.4	27.7	41.5#





#13

Acrolein

Concen: 38.555 ug/l m

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 19834

Ion Ratio Lower Upper

56 100

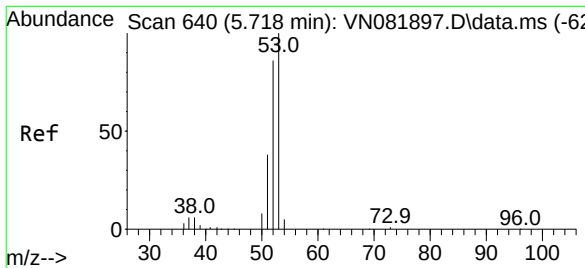
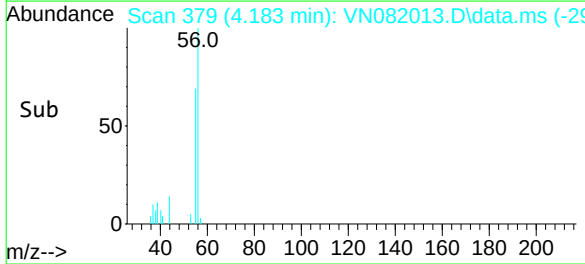
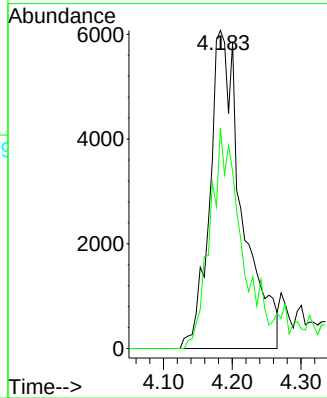
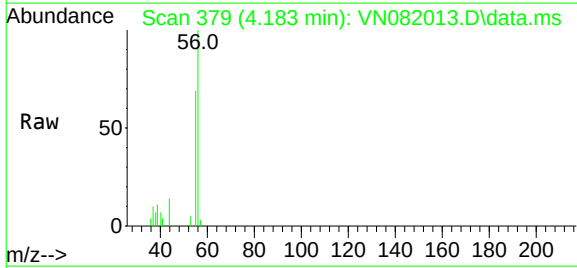
55 32.9 55.5 83.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#14

Acrylonitrile

Concen: 104.351 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

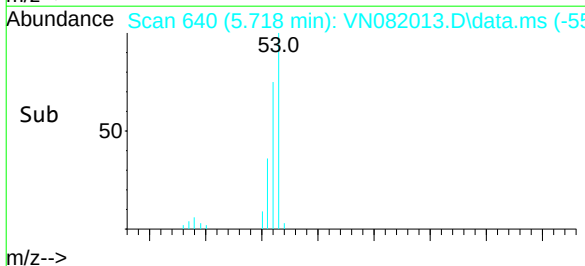
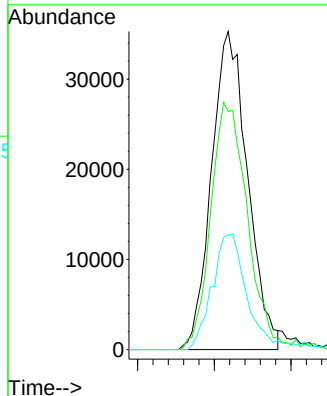
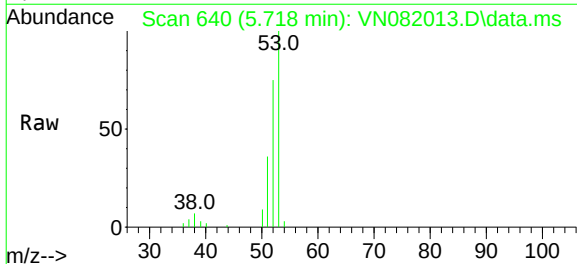
Tgt Ion: 53 Resp: 115277

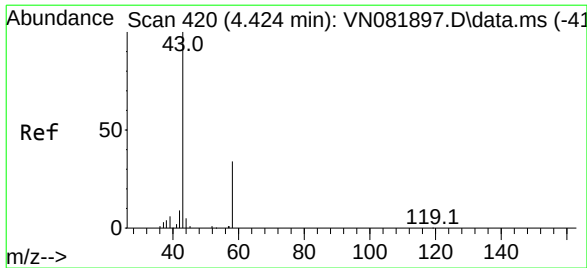
Ion Ratio Lower Upper

53 100

52 78.5 41.3 123.9

51 33.9 16.8 50.3





#15

Acetone

Concen: 102.215 ug/l

RT: 4.424 min Scan# 42

Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 25303

Ion Ratio Lower Upper

58 100

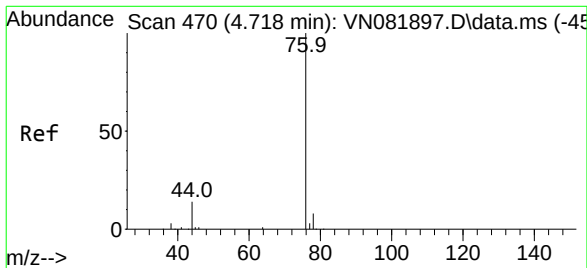
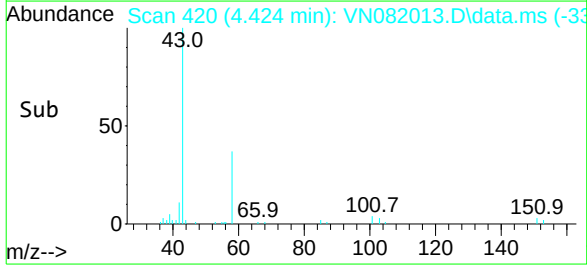
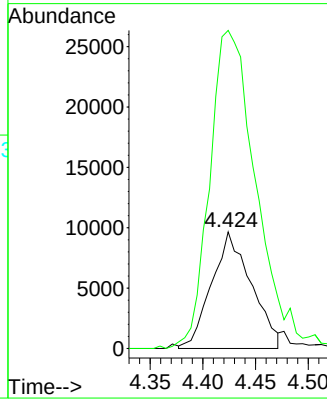
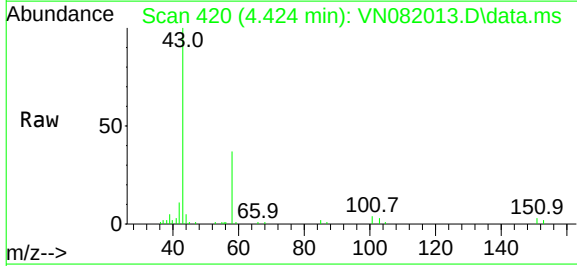
43 273.0 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#16

Carbon Disulfide

Concen: 17.999 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082013.D

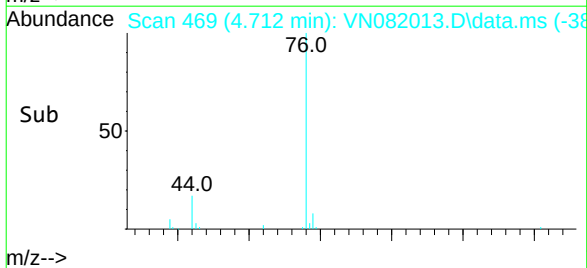
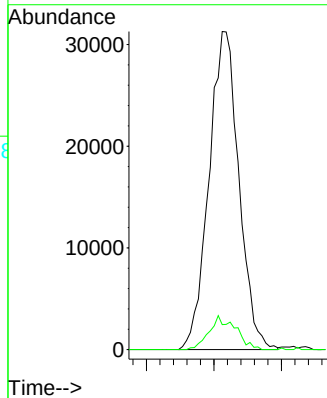
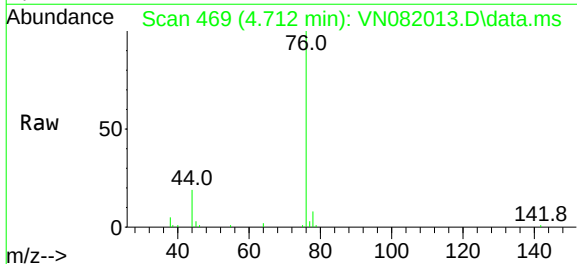
Acq: 06 May 2024 17:20

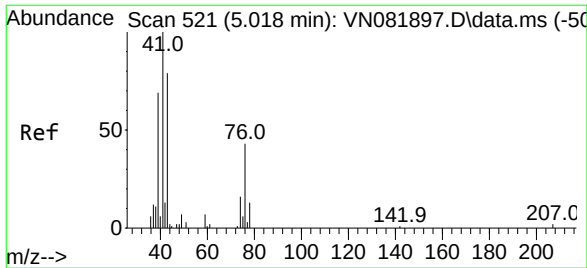
Tgt Ion: 76 Resp: 96394

Ion Ratio Lower Upper

76 100

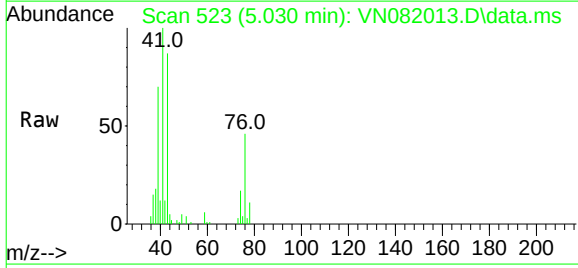
78 7.9 6.3 9.5





#17
Allyl chloride
Concen: 19.522 ug/l
RT: 5.030 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

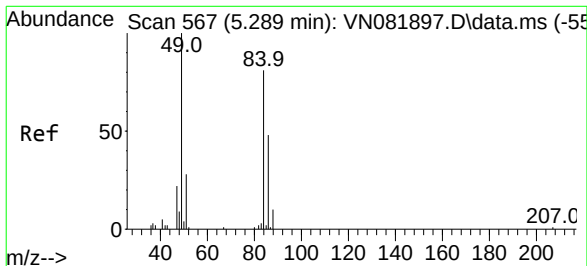
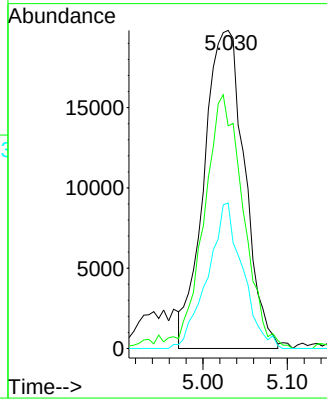
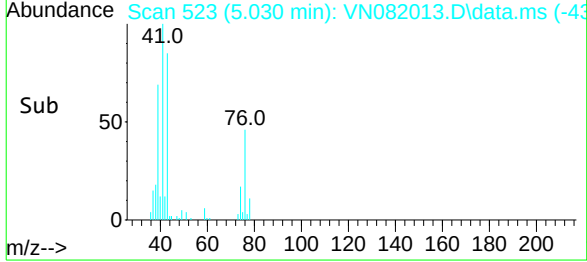
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



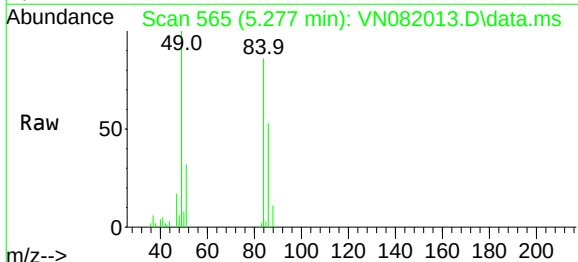
Tgt Ion: 41 Resp: 66256
Ion Ratio Lower Upper
41 100
39 68.5 37.6 112.9
76 45.5 27.8 83.4

Manual Integrations
APPROVED

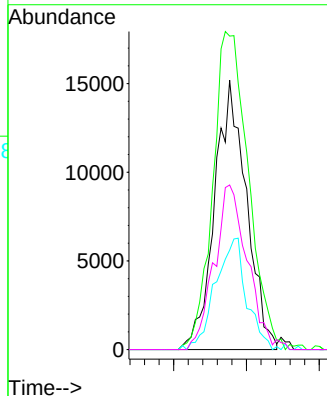
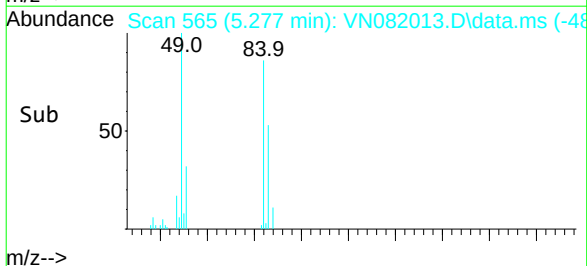
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

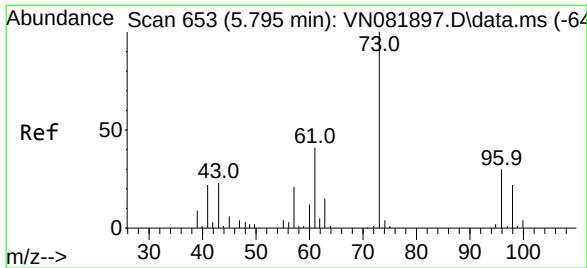


#18
Methylene Chloride
Concen: 20.979 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



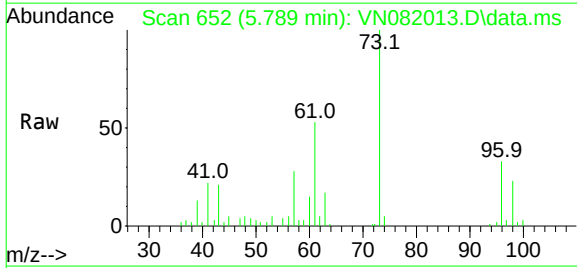
Tgt Ion: 84 Resp: 46143
Ion Ratio Lower Upper
84 100
49 116.4 86.0 129.0
51 36.9 30.0 45.0
86 61.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.160 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

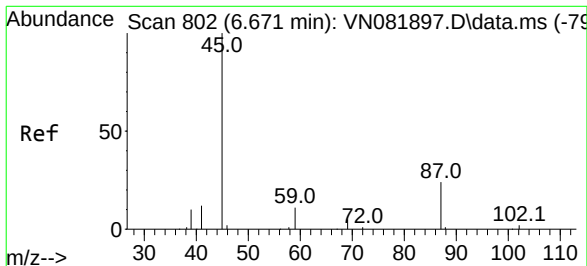
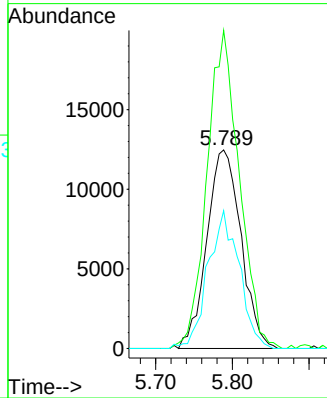
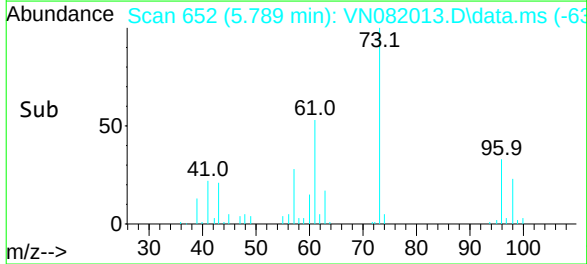
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 38552
Ion Ratio Lower Upper
96 100
61 158.8 111.8 167.6
98 69.4 49.2 73.8

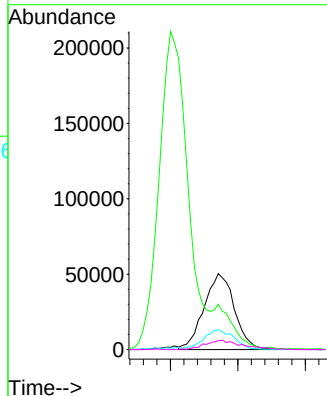
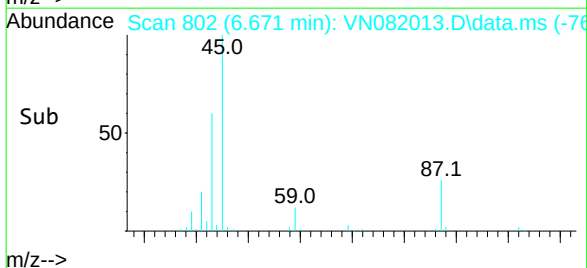
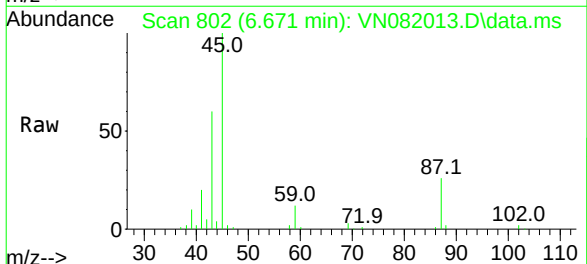
Manual Integrations
APPROVED

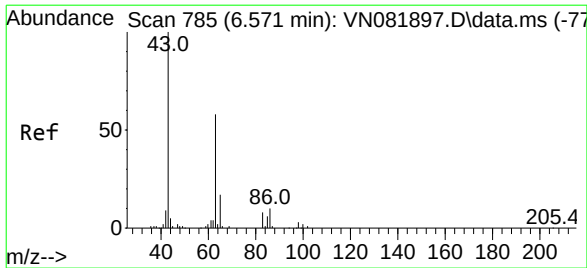
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#20
Diisopropyl ether
Concen: 21.015 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

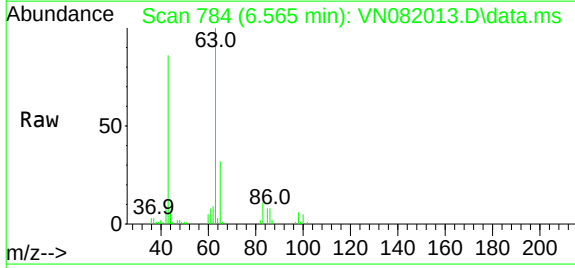
Tgt Ion: 45 Resp: 157805
Ion Ratio Lower Upper
45 100
43 58.9 40.4 60.6
87 26.2 23.8 35.8
59 11.3 9.8 14.6





#21
1,1-Dichloroethane
Concen: 21.670 ug/l
RT: 6.565 min Scan# 78
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

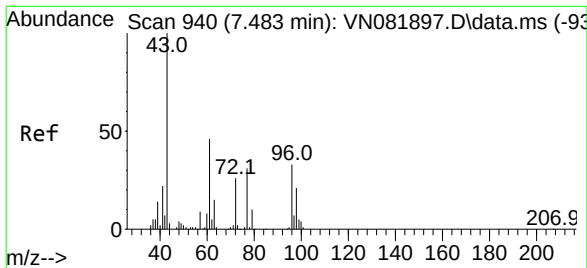
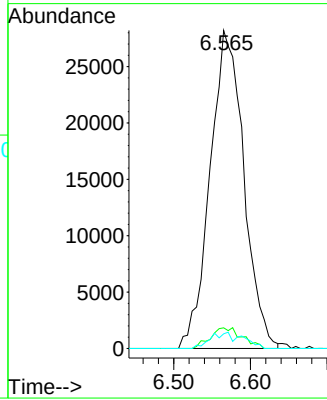
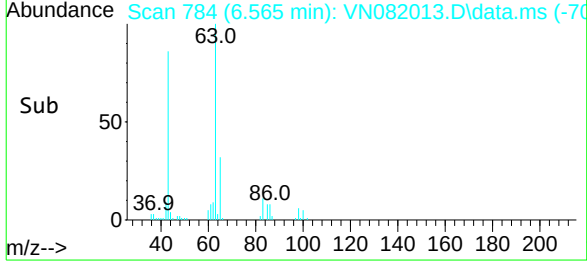
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion	63	Resp	86161
Ion Ratio	Lower	Upper	
63	100		
98	6.5	4.1	12.3
100	4.6	3.0	9.0

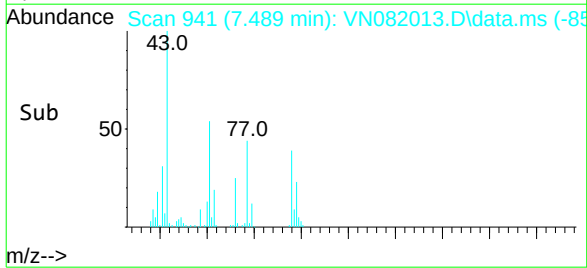
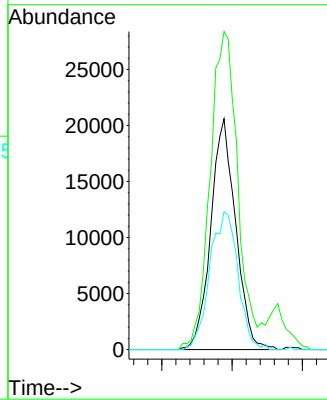
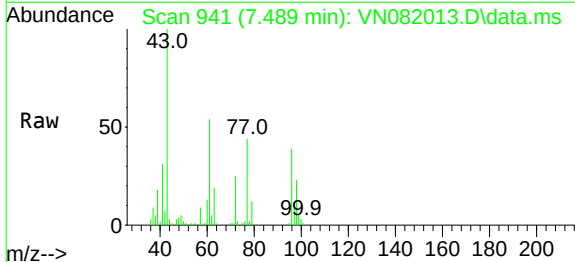
Manual Integrations
APPROVED

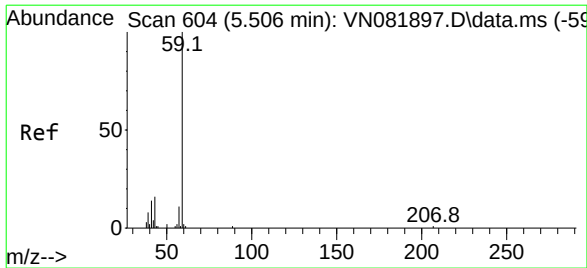
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#22
cis-1,2-Dichloroethene
Concen: 20.665 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	96	Resp	50670
Ion Ratio	Lower	Upper	
96	100		
61	151.1	113.5	170.3
98	67.3	52.0	78.0





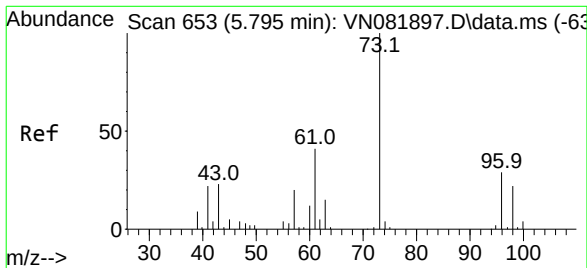
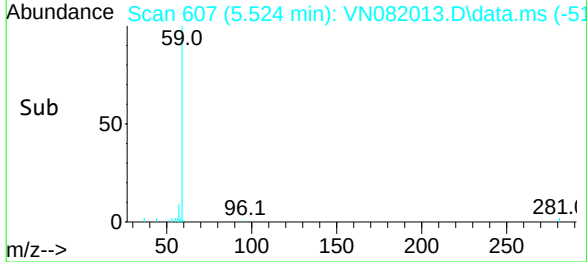
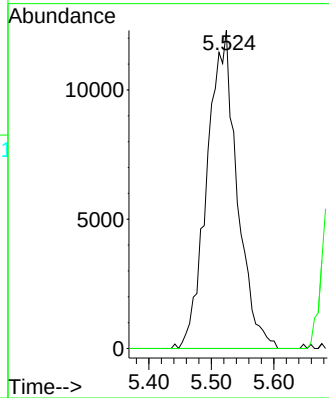
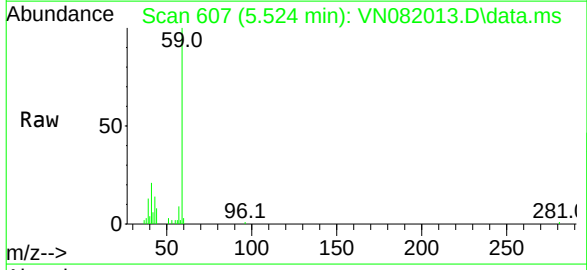
#23
tert-Butyl Alcohol
Concen: 90.122 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 41009
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

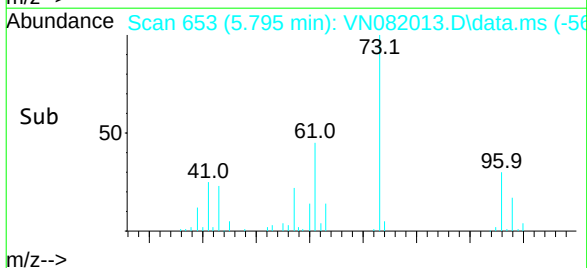
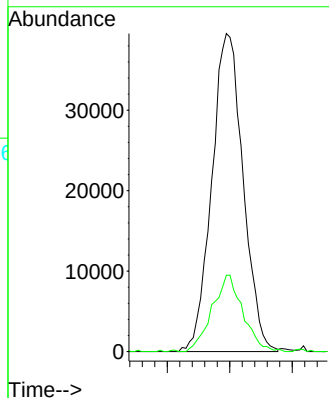
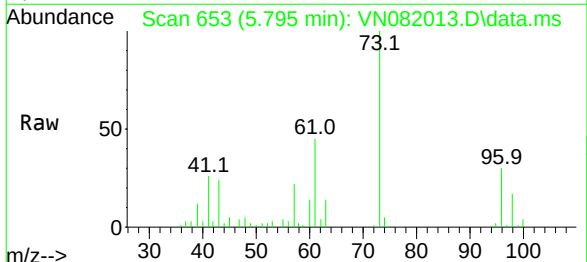
Manual Integrations
APPROVED

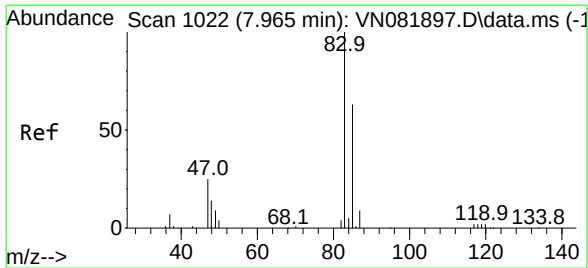
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#24
Methyl tert-Butyl Ether
Concen: 19.728 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

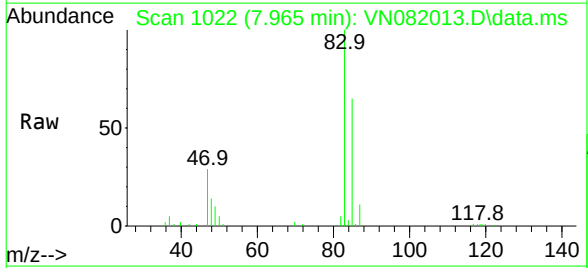
Tgt Ion: 73 Resp: 137487
Ion Ratio Lower Upper
73 100
43 23.5 13.4 20.2





#25
Chloroform
Concen: 20.998 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

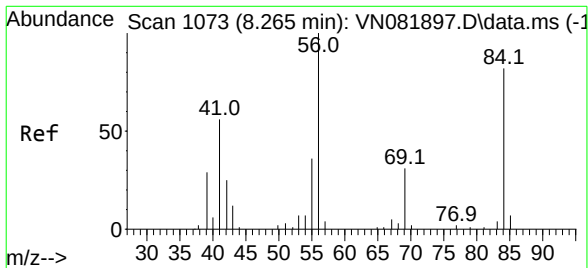
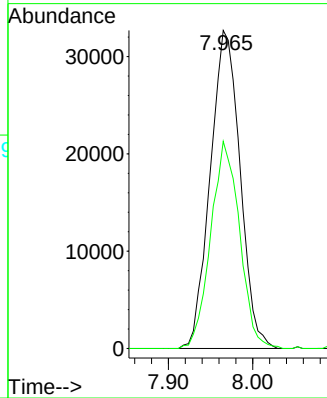
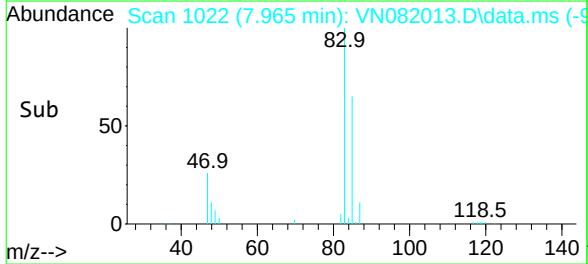
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 80322
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3

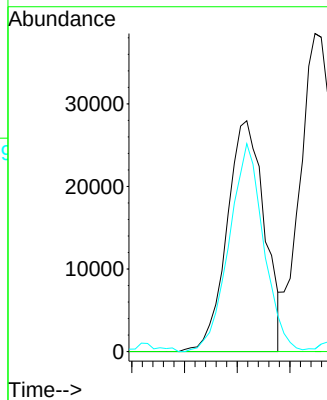
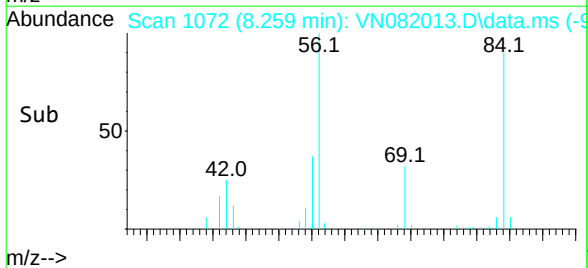
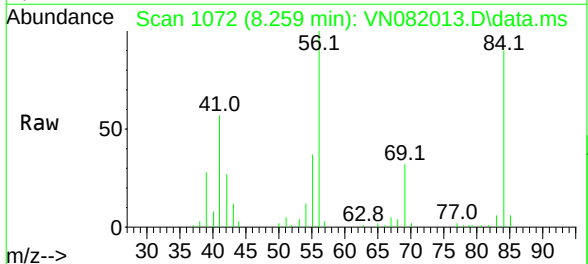
Manual Integrations
APPROVED

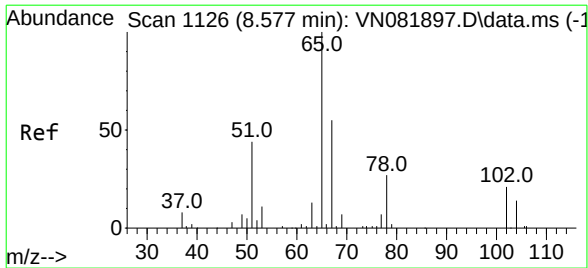
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#26
Cyclohexane
Concen: 20.070 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

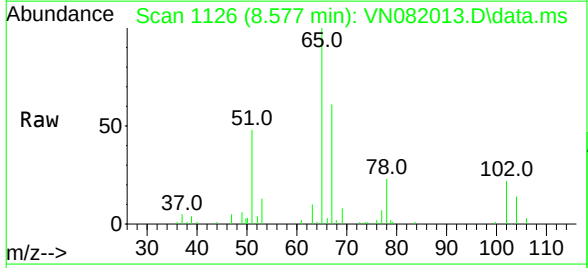
Tgt Ion: 56 Resp: 69005
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 83.0 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.432 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

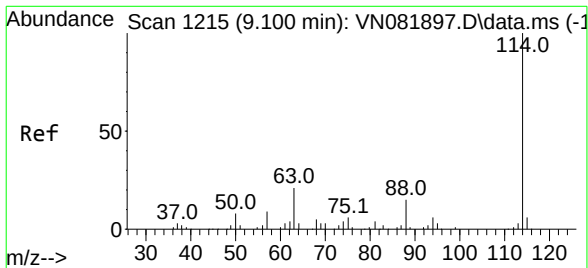
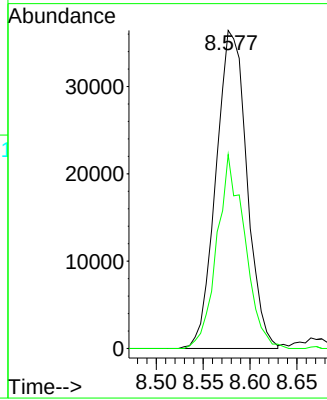
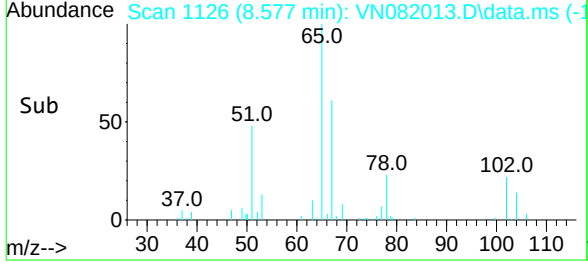
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



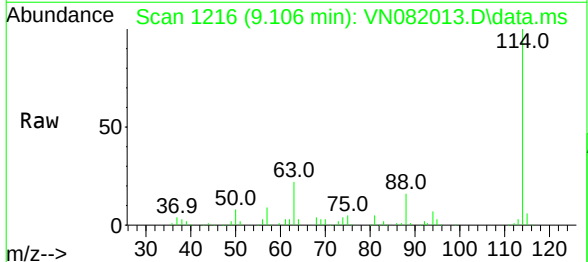
Tgt Ion: 65 Resp: 83351
Ion Ratio Lower Upper
65 100
67 55.3 43.2 64.8

Manual Integrations
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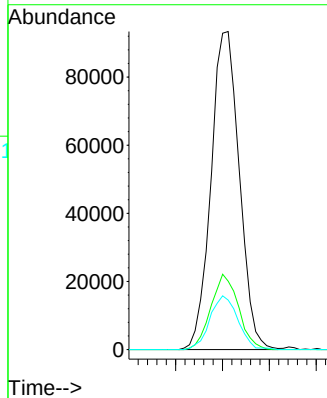
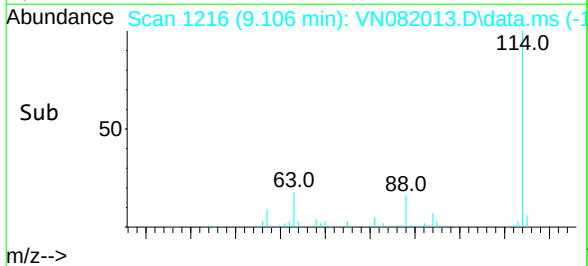
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

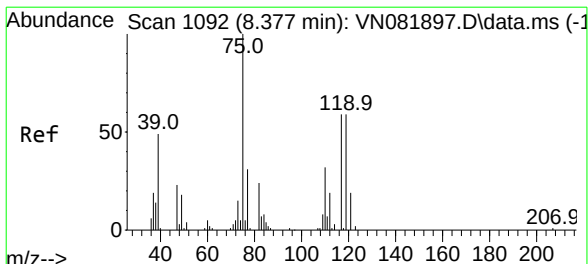


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



Tgt Ion: 114 Resp: 196351
Ion Ratio Lower Upper
114 100
63 23.1 15.9 23.9
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.888 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

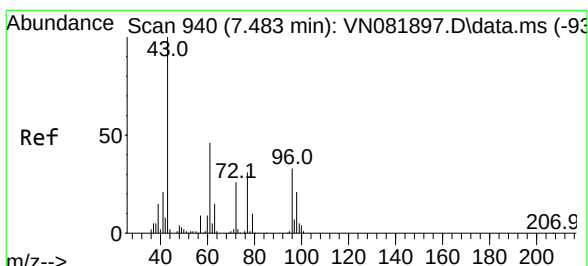
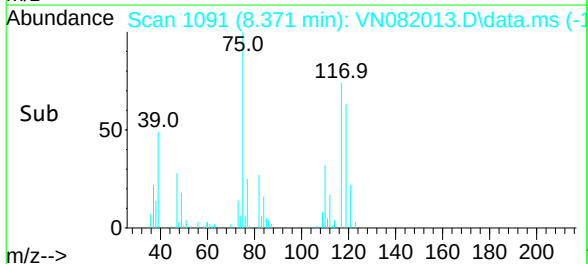
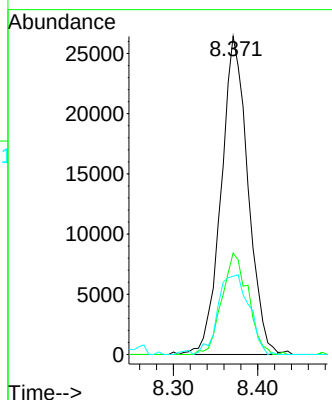
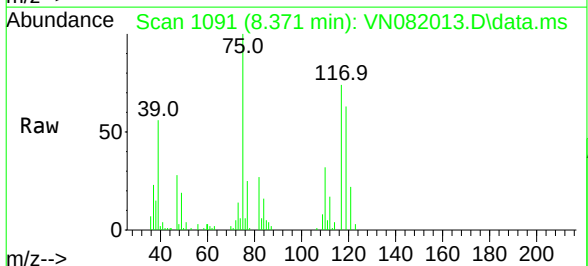
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	75	Resp:	58137
Ion Ratio	Lower	Upper	
75	100		
110	30.9	0.0	70.2
77	29.0	0.0	61.4

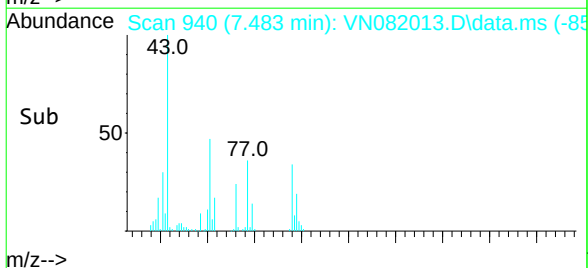
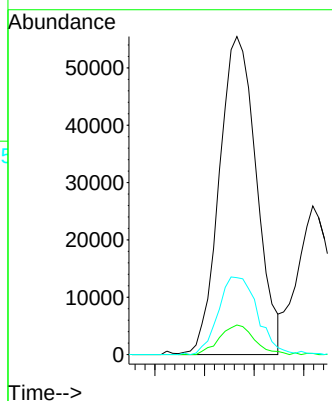
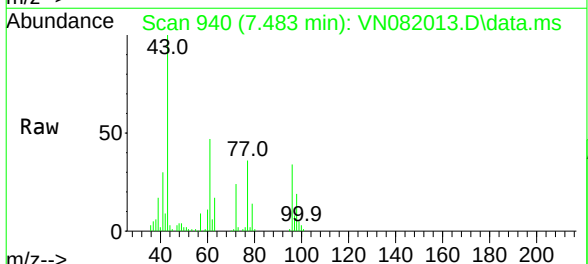
Manual Integrations
APPROVED

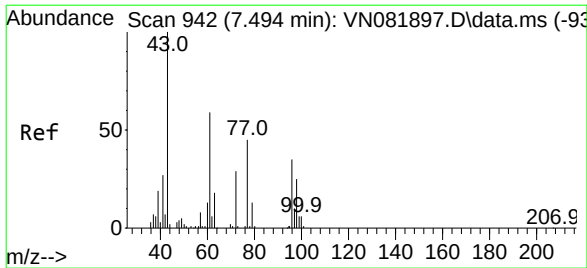
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#30
2-Butanone
Concen: 95.704 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

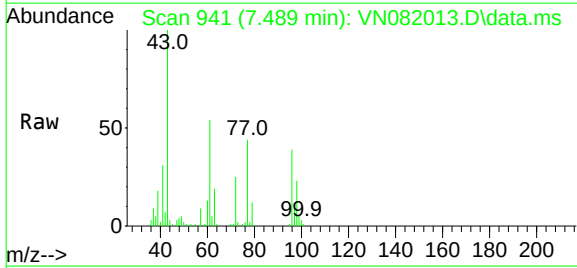
Tgt Ion:	43	Resp:	144209
Ion Ratio	Lower	Upper	
43	100		
57	8.7	6.7	10.1
72	25.6	24.0	36.0





#31
2,2-Dichloropropane
Concen: 22.407 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

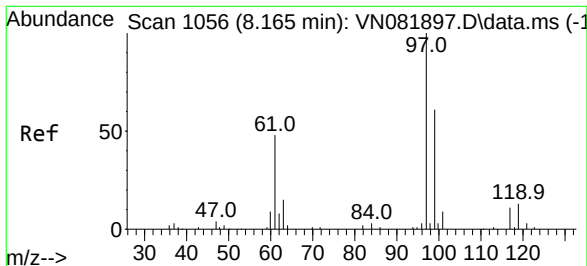
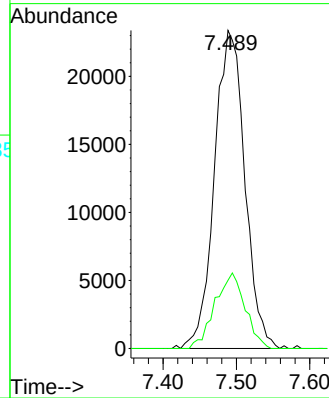
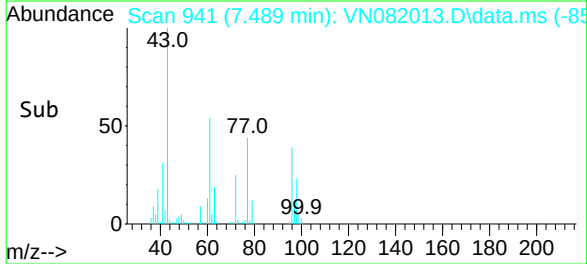
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



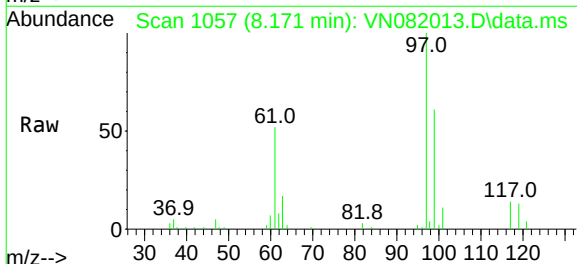
Tgt Ion: 77 Resp: 67122
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5

Manual Integrations
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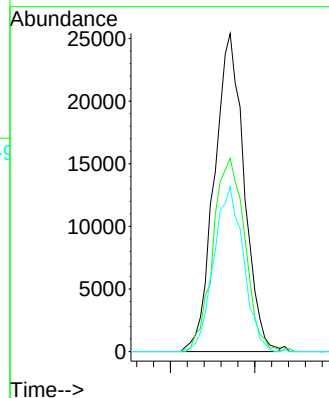
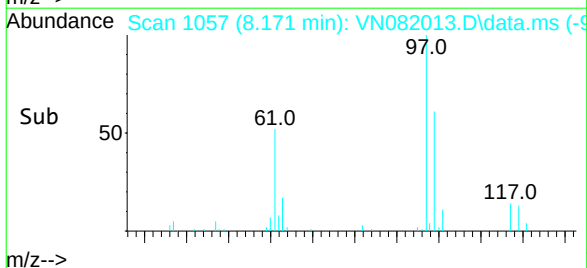
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

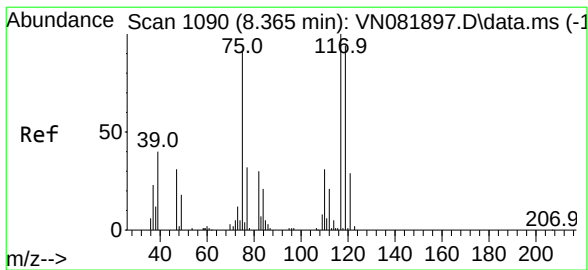


#32
1,1,1-Trichloroethane
Concen: 18.512 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



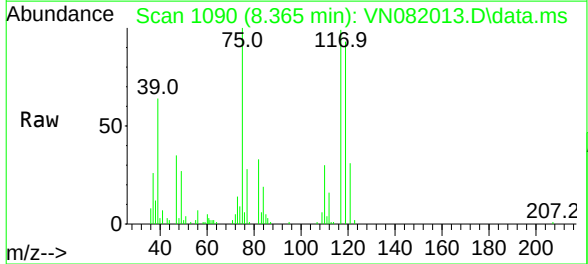
Tgt Ion: 97 Resp: 62237
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 51.8 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 18.774 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

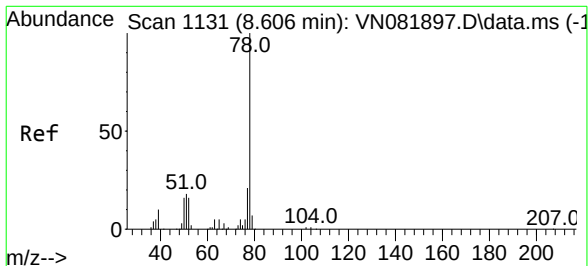
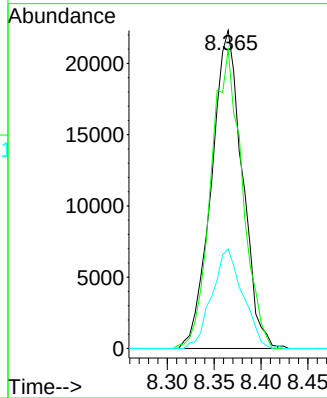
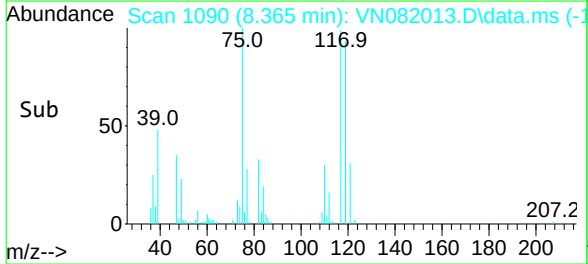
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC



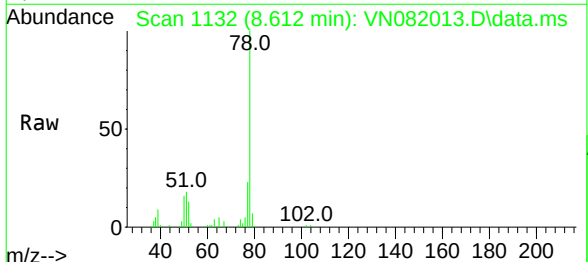
Tgt Ion: 117 Resp: 51223
Ion Ratio Lower Upper
117 100
119 94.0 77.7 116.5
121 31.3 27.0 40.6

Manual Integrations
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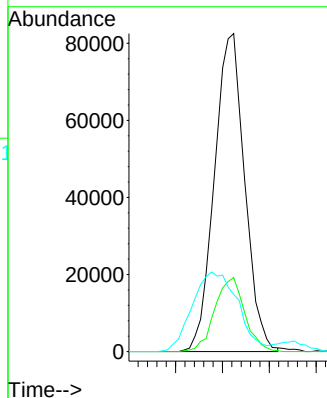
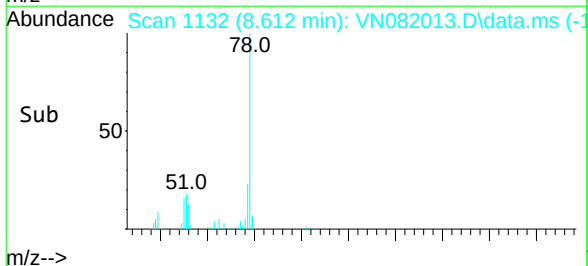
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024

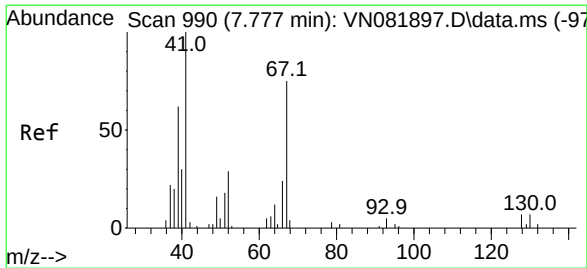


#34
Benzene
Concen: 19.885 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



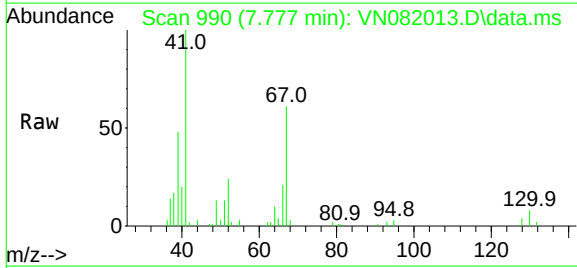
Tgt Ion: 78 Resp: 185443
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
51 15.6 13.3 19.9





#35
Methacrylonitrile
Concen: 19.267 ug/l
RT: 7.777 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

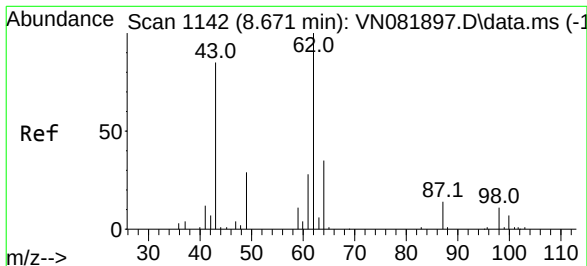
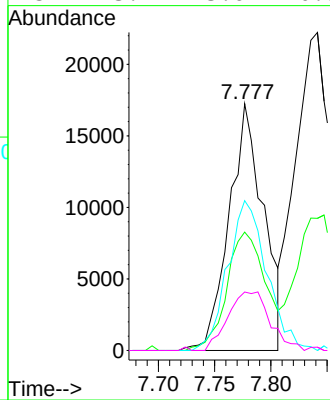
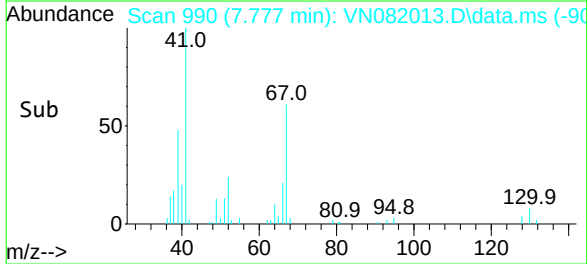
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	36729
Ion	Ratio	Lower	Upper
41	100		
39	48.0	25.3	75.9
67	60.7	38.7	116.1
52	23.7	13.6	40.8

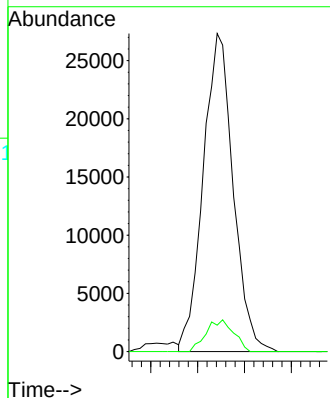
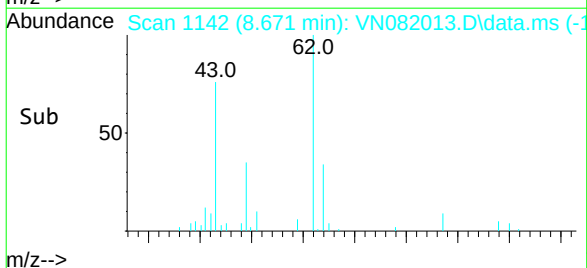
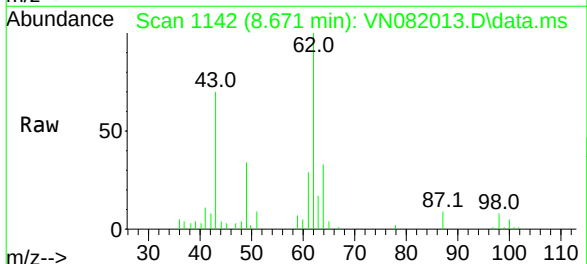
Manual Integrations
APPROVED

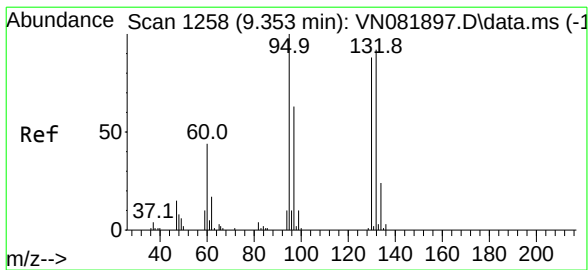
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#36
1,2-Dichloroethane
Concen: 19.435 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

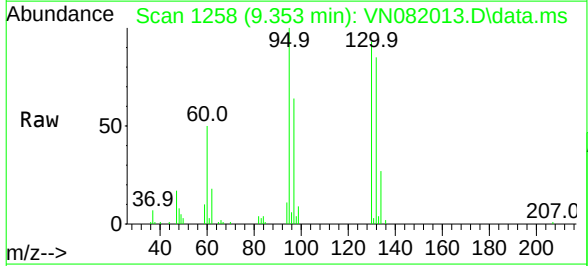
Tgt Ion:	62	Resp:	60843
Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.2	12.4





#37
 Trichloroethene
 Concen: 16.767 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN082013.D
 Acq: 06 May 2024 17:20

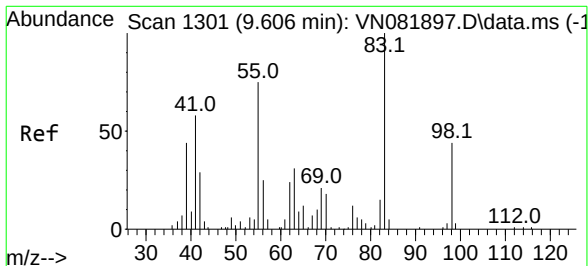
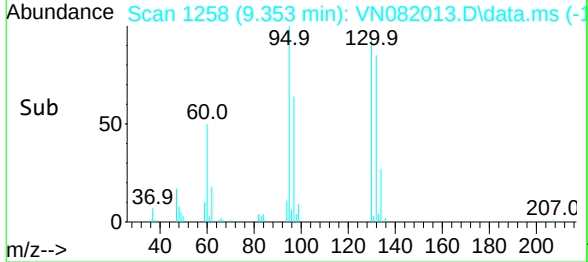
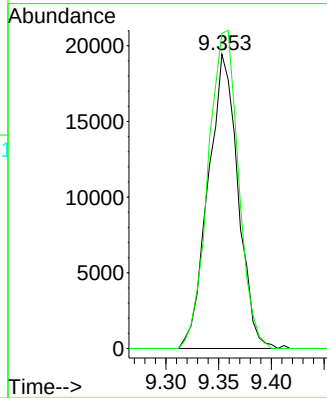
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:130 Resp: 38299
 Ion Ratio Lower Upper
 130 100
 95 107.1 80.2 120.4

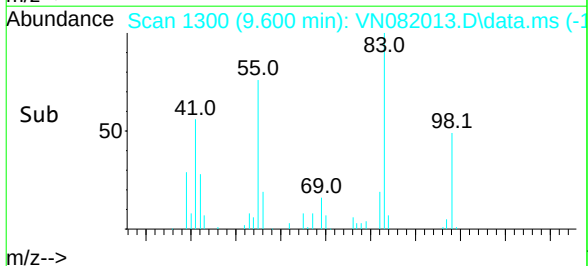
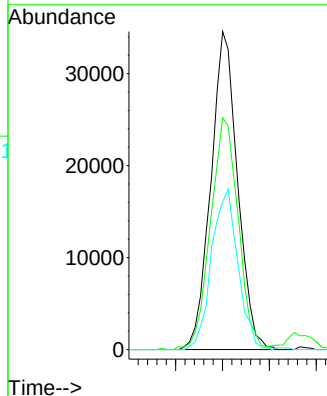
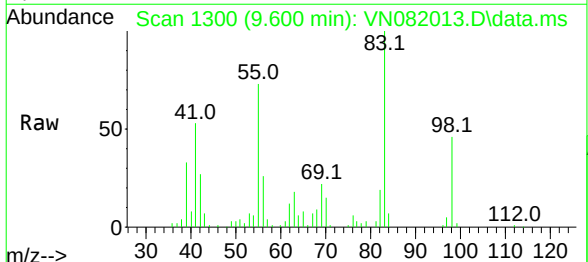
Manual Integrations
 APPROVED

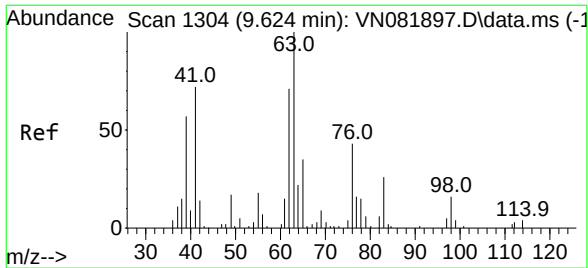
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#38
 Methylcyclohexane
 Concen: 19.393 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: VN082013.D
 Acq: 06 May 2024 17:20

Tgt Ion: 83 Resp: 68481
 Ion Ratio Lower Upper
 83 100
 55 75.4 36.6 109.9
 98 49.7 23.8 71.5





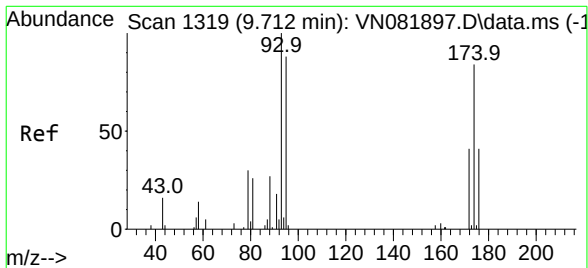
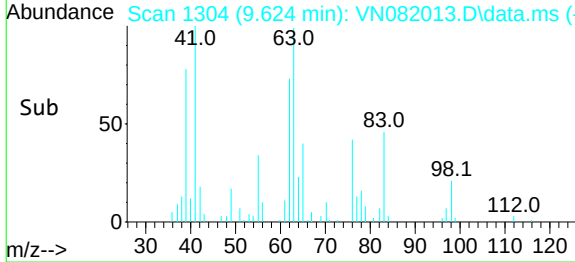
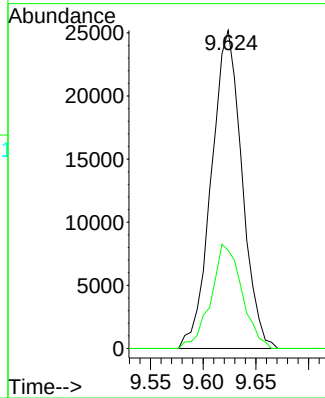
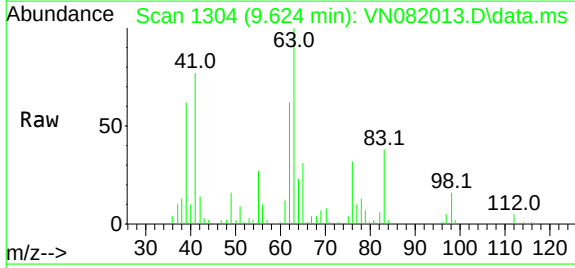
#39
1,2-Dichloropropane
Concen: 21.242 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 50836
Ion Ratio Lower Upper
63 100
65 30.8 25.0 37.4

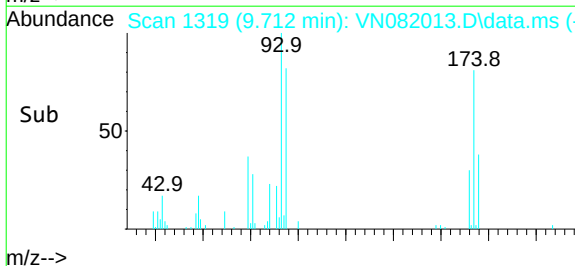
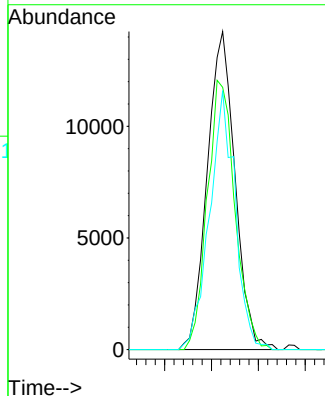
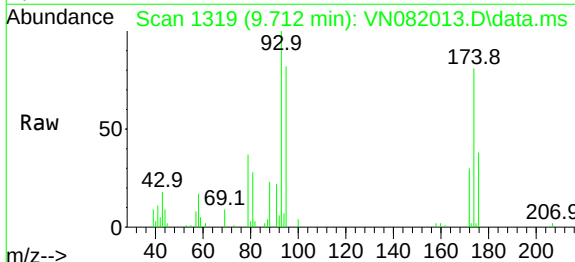
Manual Integrations
APPROVED

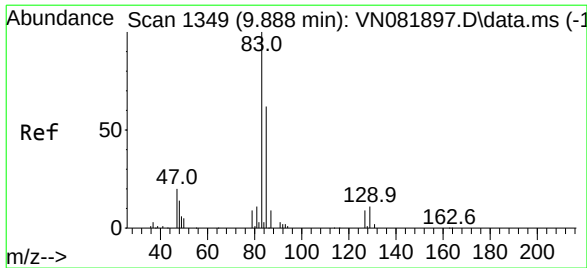
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#40
Dibromomethane
Concen: 19.105 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 93 Resp: 29368
Ion Ratio Lower Upper
93 100
95 84.3 0.0 164.6
174 74.7 0.0 193.2





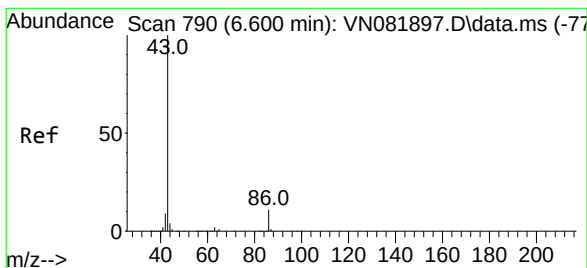
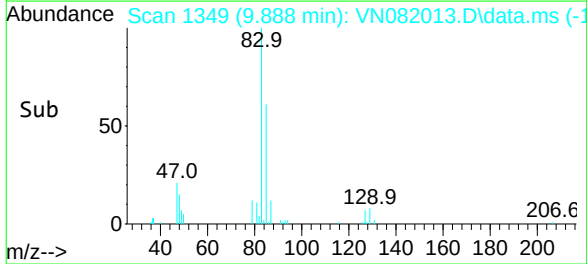
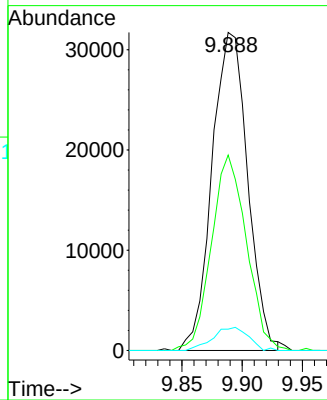
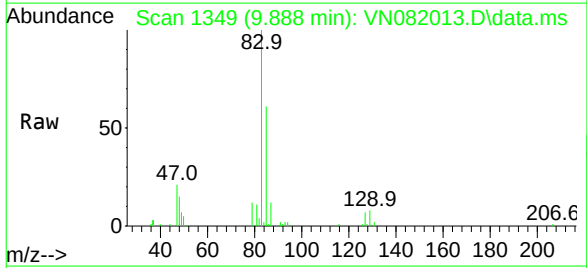
#41
Bromodichloromethane
Concen: 19.843 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	49.4	74.2
127	6.7	7.3	10.9

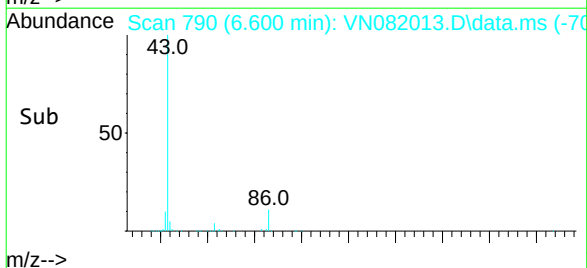
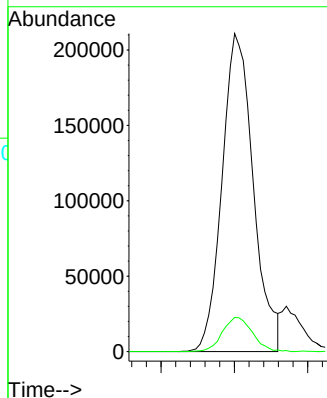
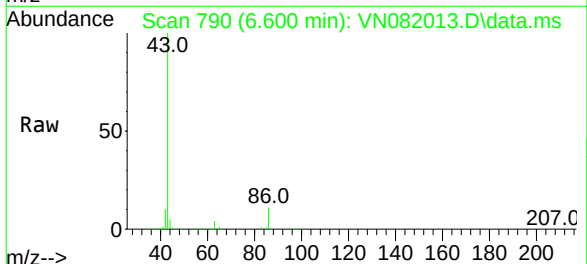
Manual Integrations
APPROVED

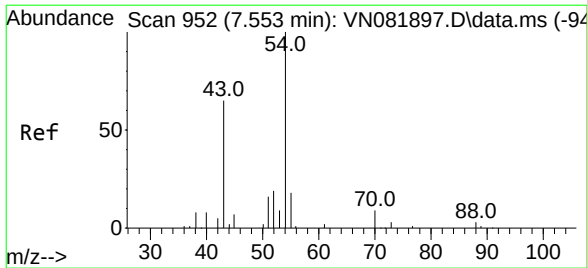
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#42
Vinyl Acetate
Concen: 97.464 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.4	9.4	14.2





#43

Ethyl Acetate

Concen: 19.160 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 62947

Ion Ratio Lower Upper

43 100

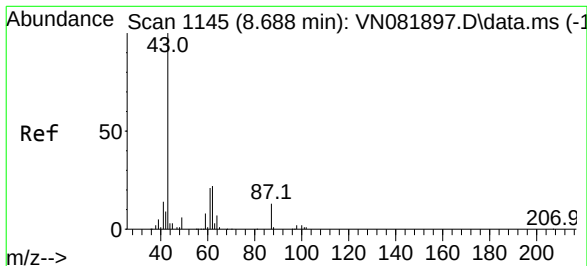
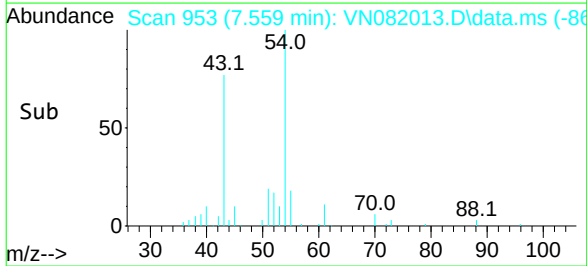
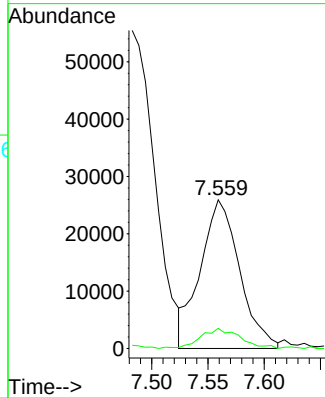
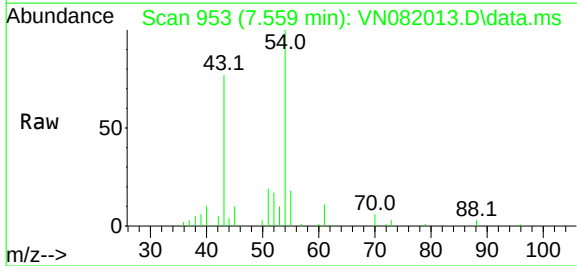
45 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#44

Isopropyl Acetate

Concen: 19.127 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082013.D

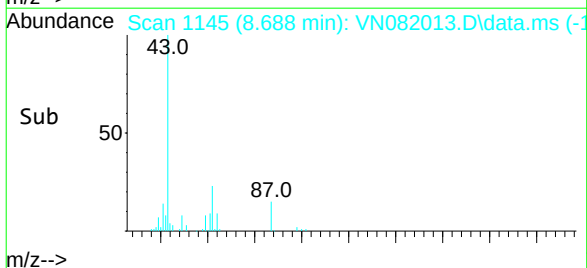
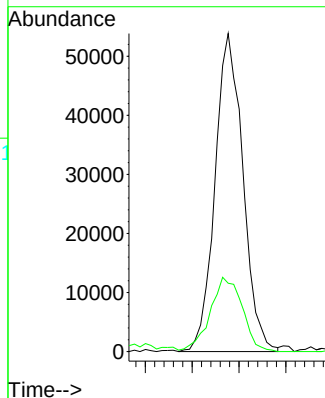
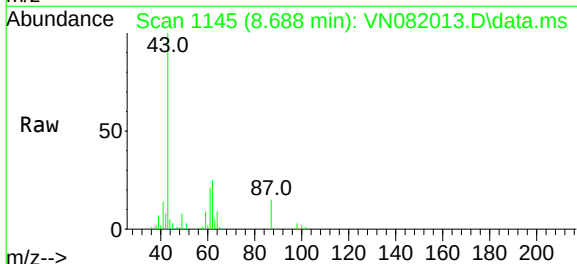
Acq: 06 May 2024 17:20

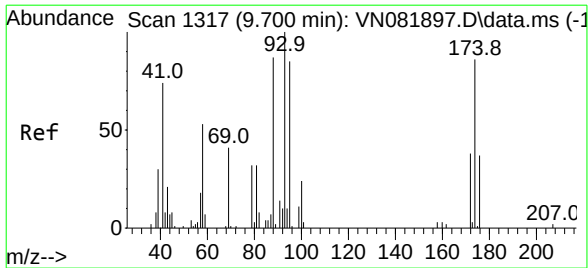
Tgt Ion: 43 Resp: 111563

Ion Ratio Lower Upper

43 100

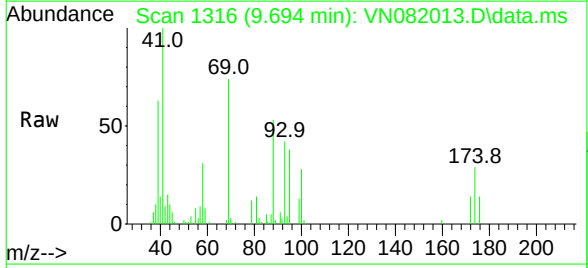
61 26.9 25.0 37.4





#45
1,4-Dioxane
Concen: 358.820 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

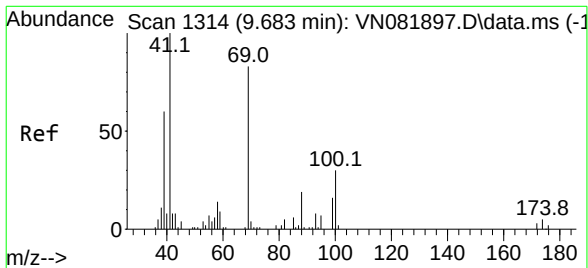
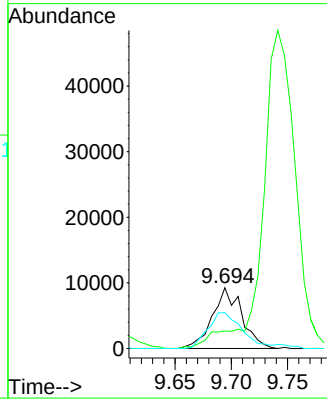
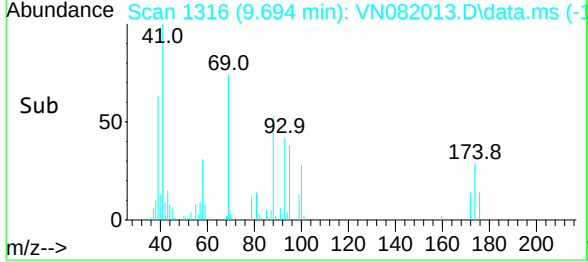
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



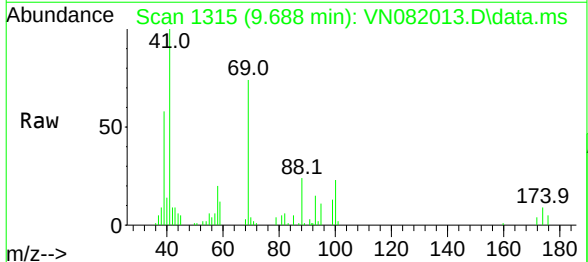
Tgt Ion: 88 Resp: 16784
Ion Ratio Lower Upper
88 100
43 15.9 19.8 29.6#
58 68.5 55.4 83.0

Manual Integrations
APPROVED

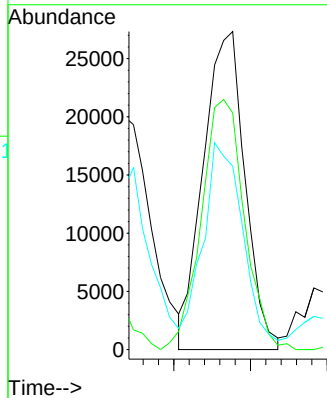
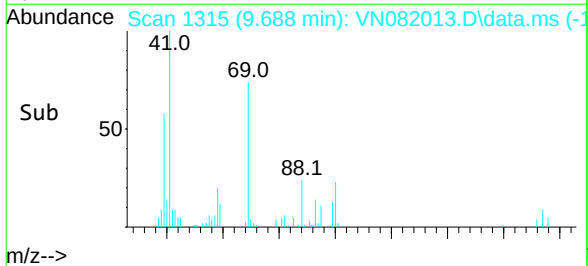
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

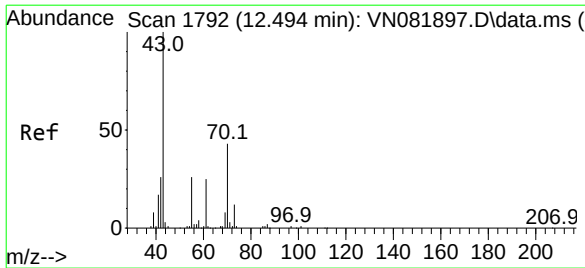


#46
Methyl methacrylate
Concen: 19.345 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



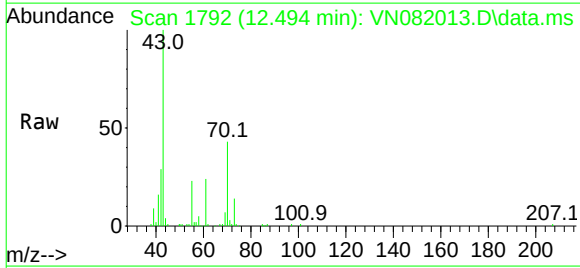
Tgt Ion: 41 Resp: 51549
Ion Ratio Lower Upper
41 100
69 75.8 51.1 153.3
39 56.9 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.054 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

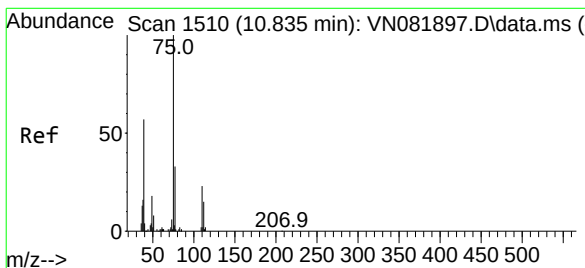
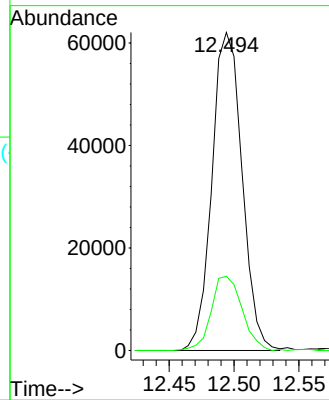
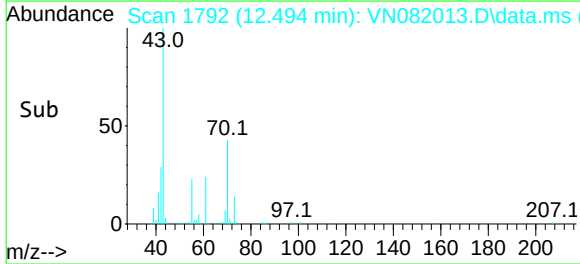
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 100234
Ion Ratio Lower Upper
43 100
55 23.9 23.4 35.2

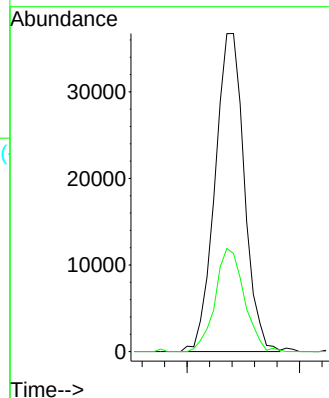
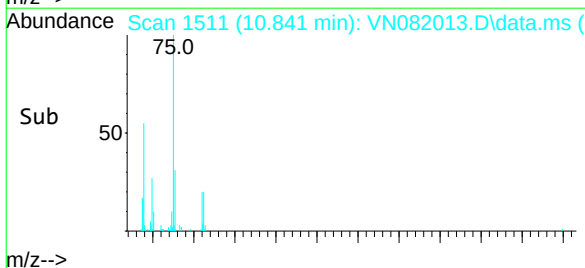
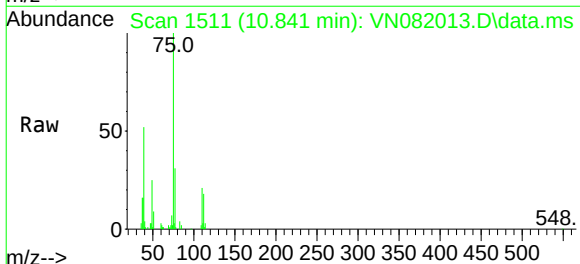
Manual Integrations
APPROVED

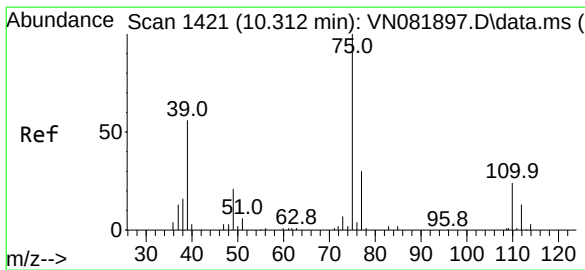
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#48
t-1,3-Dichloropropene
Concen: 18.644 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 75 Resp: 66428
Ion Ratio Lower Upper
75 100
77 30.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.178 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

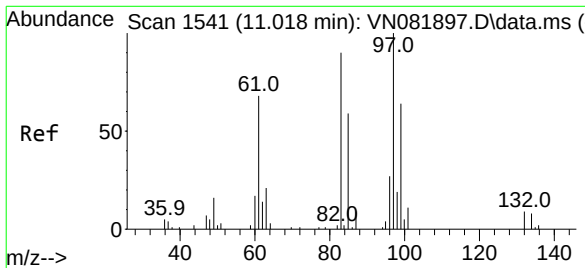
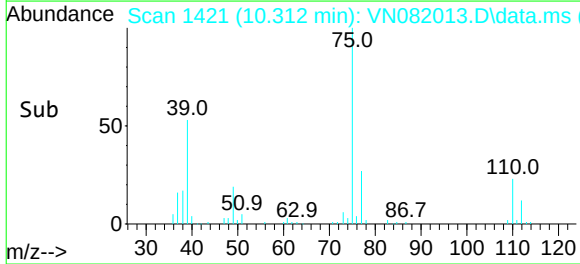
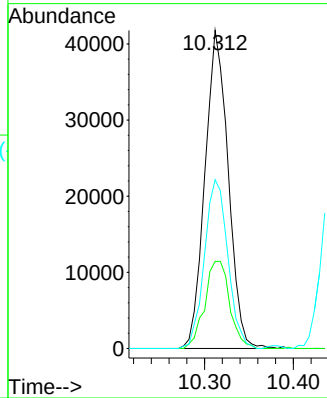
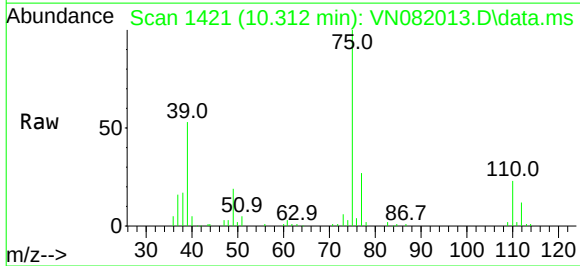
Tgt Ion:	75	Resp:	76012
Ion	Ratio	Lower	Upper
75	100		
77	27.4	24.9	37.3
39	53.1	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#50

1,1,2-Trichloroethane

Concen: 20.411 ug/l

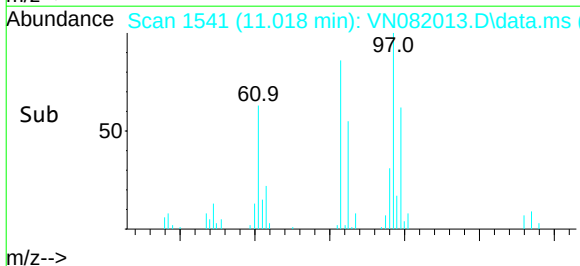
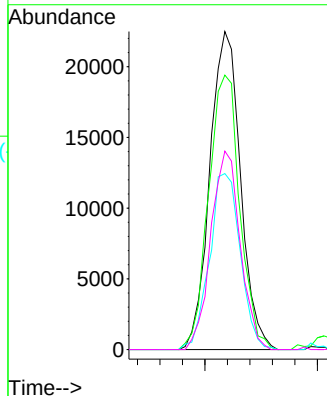
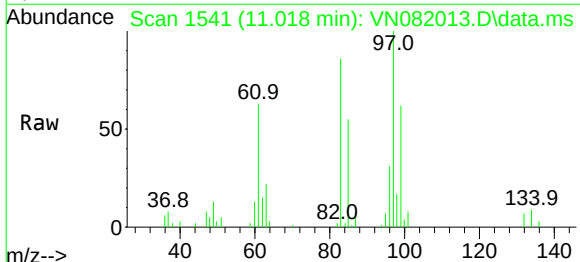
RT: 11.018 min Scan# 1541

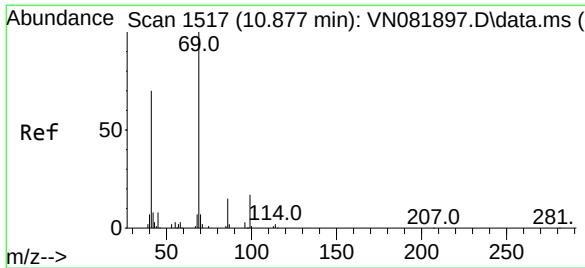
Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

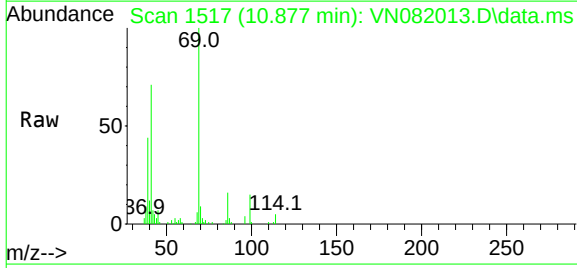
Tgt Ion:	97	Resp:	42567
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.1	102.1
85	55.3	41.8	62.6
99	62.4	47.0	70.4





#51
Ethyl methacrylate
Concen: 19.323 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

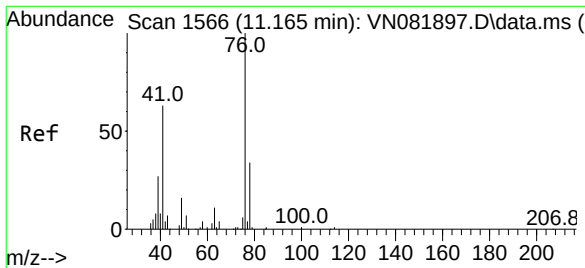
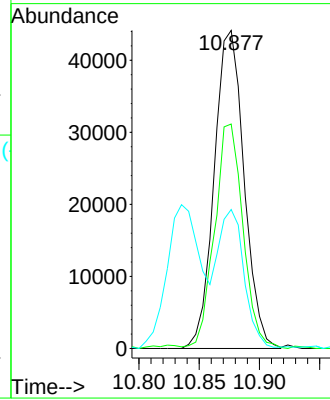
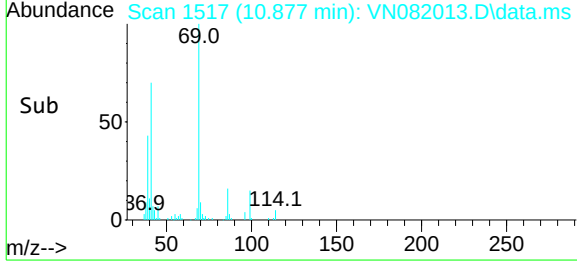
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 76057
Ion Ratio Lower Upper
69 100
41 70.2 25.5 76.5
39 42.3 16.0 47.9

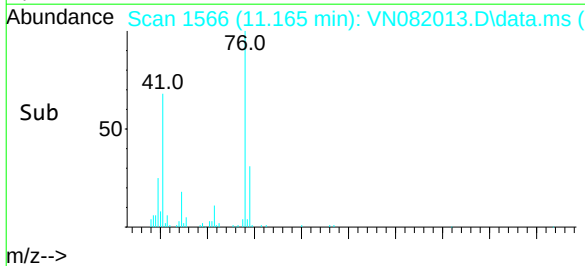
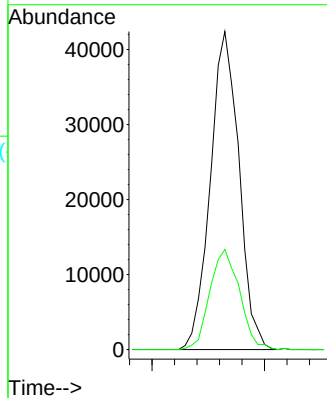
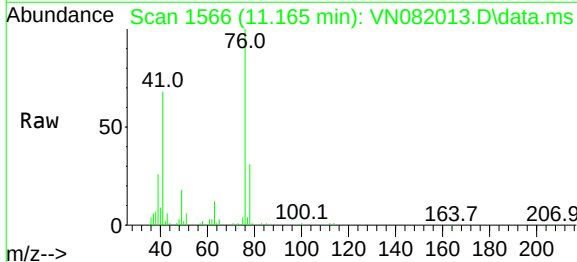
Manual Integrations
APPROVED

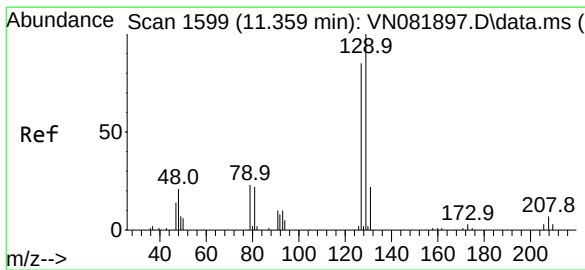
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#52
1,3-Dichloropropane
Concen: 19.613 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 76 Resp: 75148
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.8





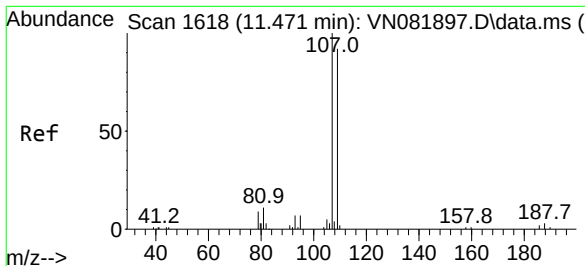
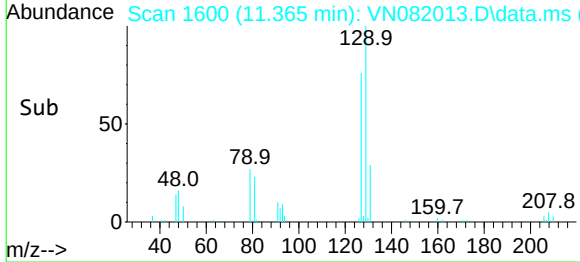
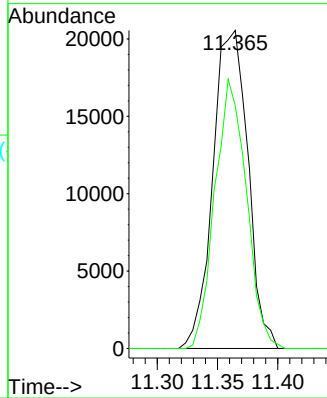
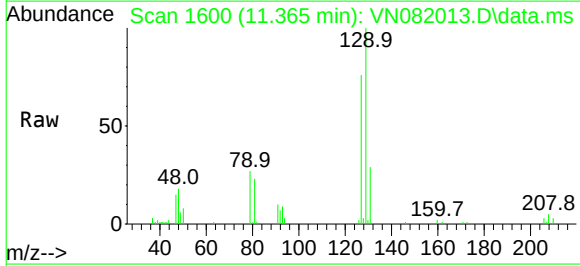
#53
Dibromochloromethane
Concen: 18.299 ug/l
RT: 11.365 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 41523
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1

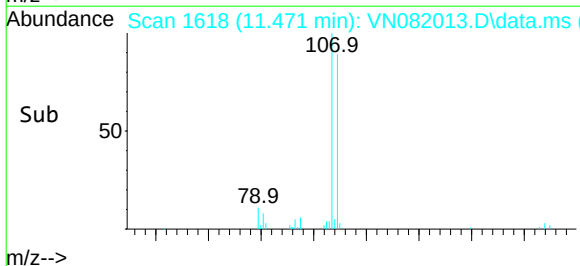
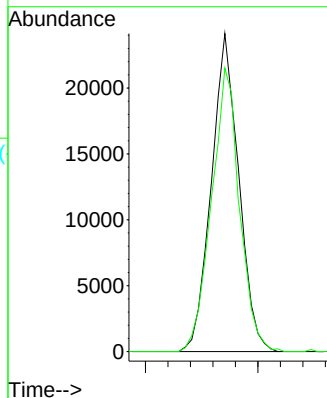
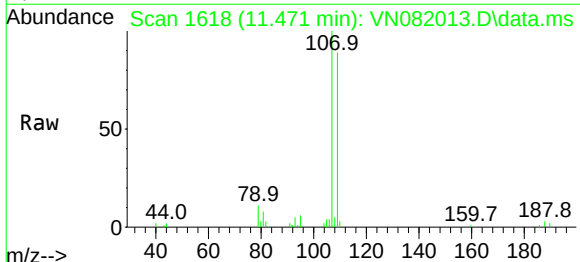
Manual Integrations
APPROVED

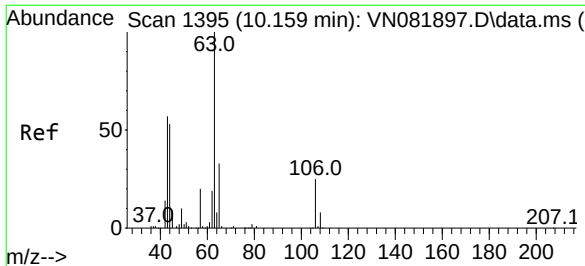
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#54
1,2-Dibromoethane
Concen: 19.635 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:107 Resp: 40839
Ion Ratio Lower Upper
107 100
109 91.0 74.7 112.1





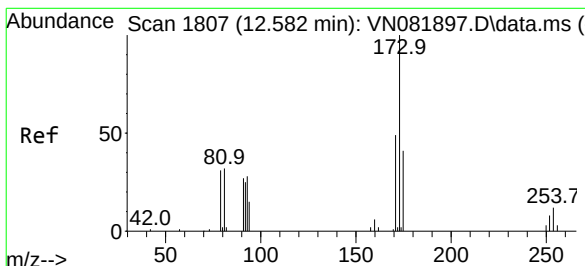
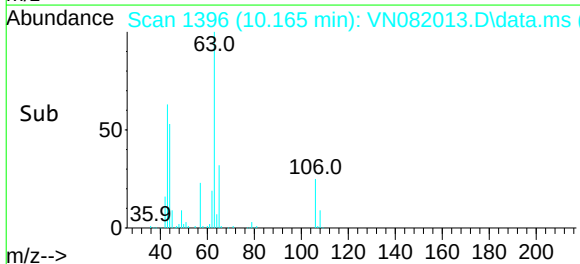
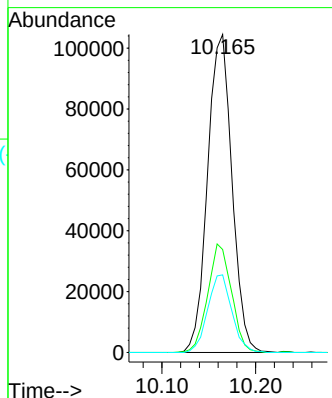
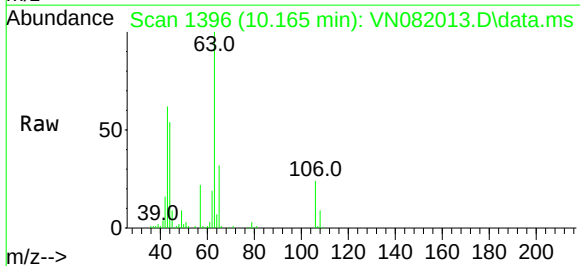
#55
2-Chloroethyl vinyl ether
Concen: 96.051 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.1	26.2	39.2
106	24.1	23.8	35.8

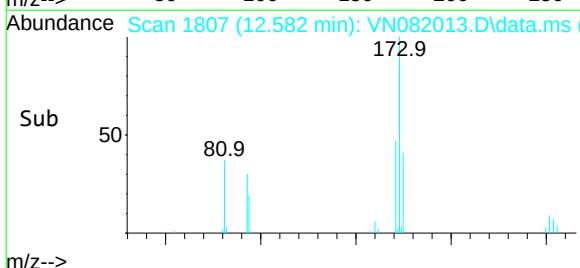
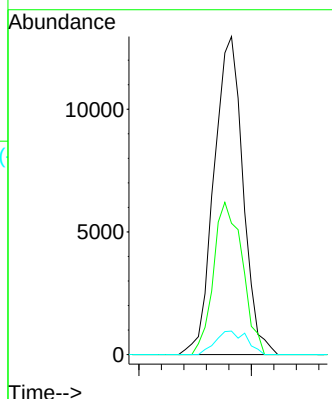
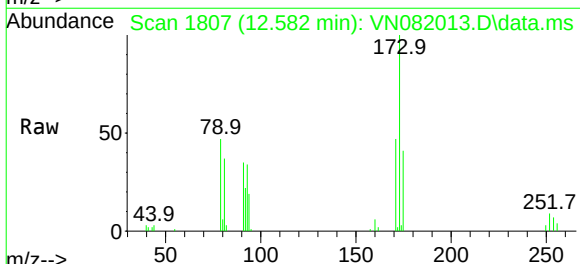
Manual Integrations
APPROVED

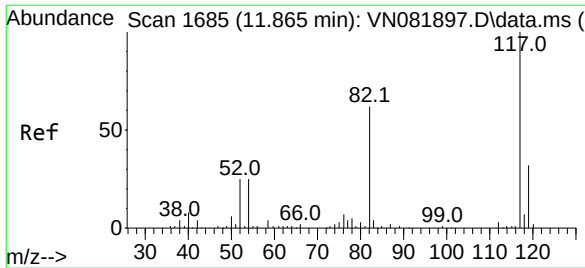
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#56
Bromoform
Concen: 16.821 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	40.0	60.0
254	8.0	8.3	12.5





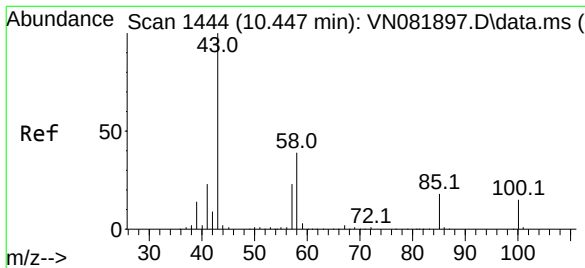
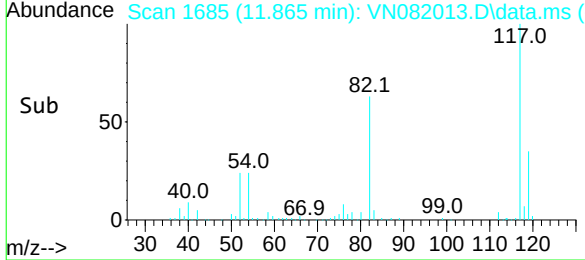
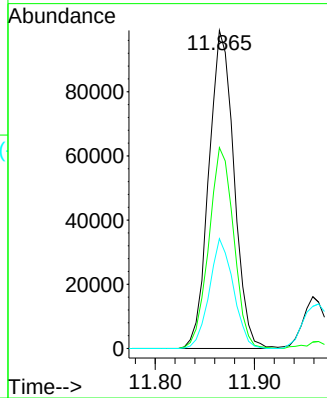
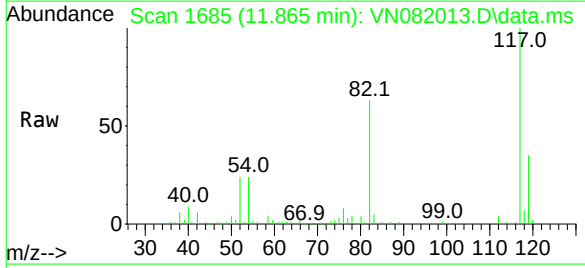
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 174635
Ion Ratio Lower Upper
117 100
82 62.5 46.6 69.8
119 33.0 25.4 38.2

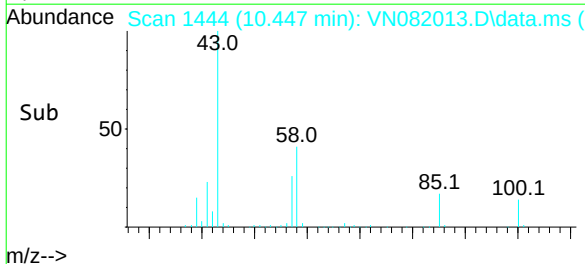
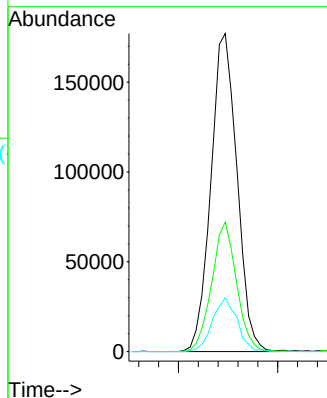
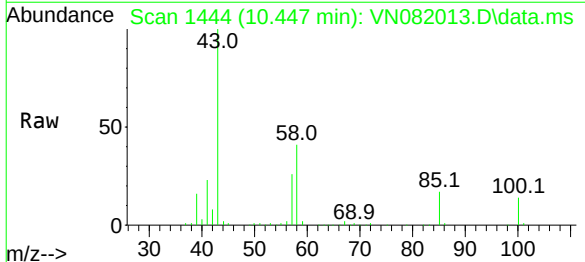
Manual Integrations
APPROVED

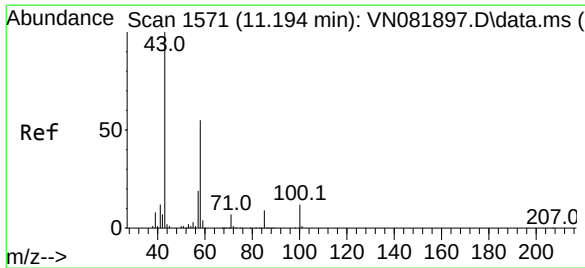
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#58
4-Methyl-2-Pentanone
Concen: 95.379 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

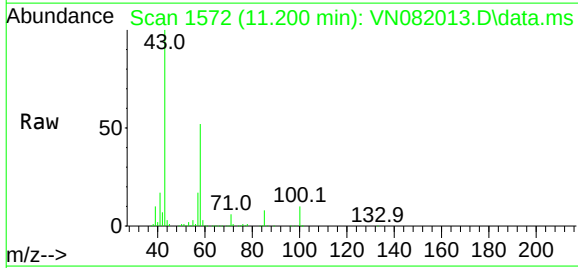
Tgt Ion: 43 Resp: 323419
Ion Ratio Lower Upper
43 100
58 38.8 36.5 54.7
85 15.9 19.5 29.3#





#59
2-Hexanone
Concen: 95.087 ug/l m
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

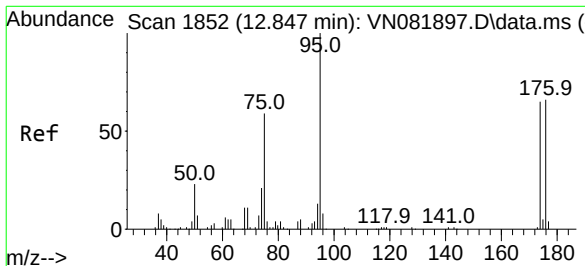
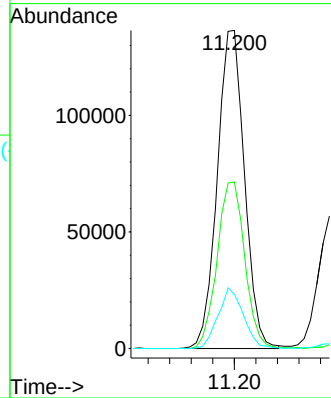
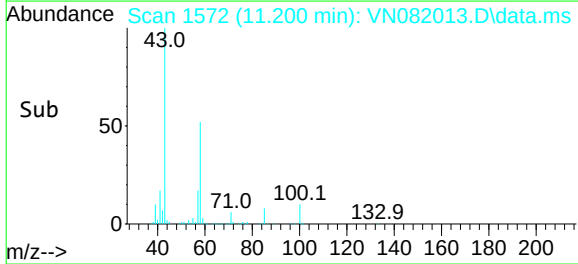
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



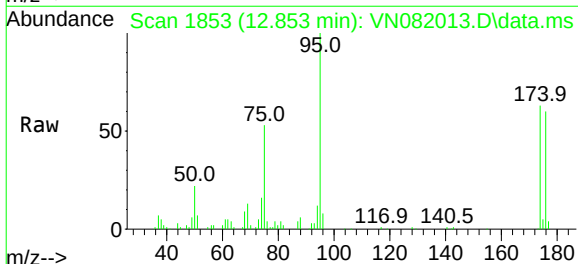
Tgt Ion: 43 Resp: 239063
Ion Ratio Lower Upper
43 100
58 0.9 50.4 75.6#
57 0.4 18.6 27.8#

Manual Integrations
APPROVED

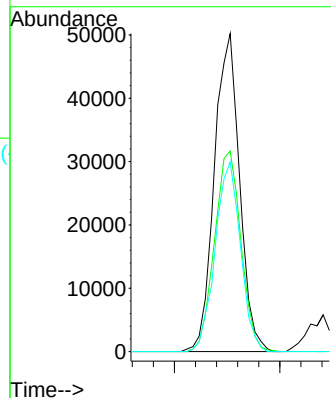
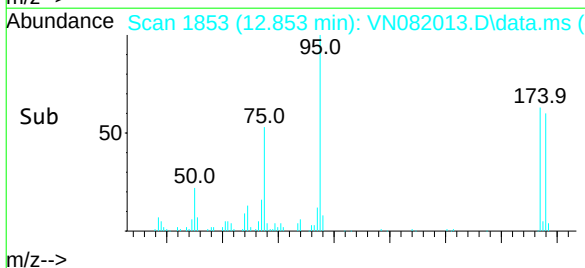
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

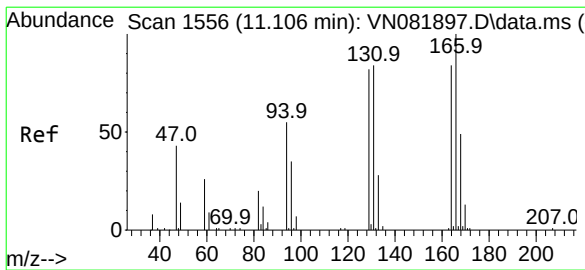


#60
4-Bromofluorobenzene
Concen: 28.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20



Tgt Ion: 95 Resp: 83474
Ion Ratio Lower Upper
95 100
174 66.0 60.5 90.7
176 59.9 57.8 86.6





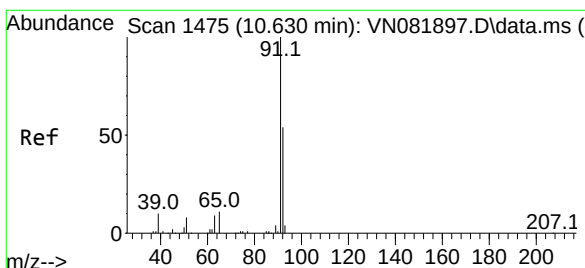
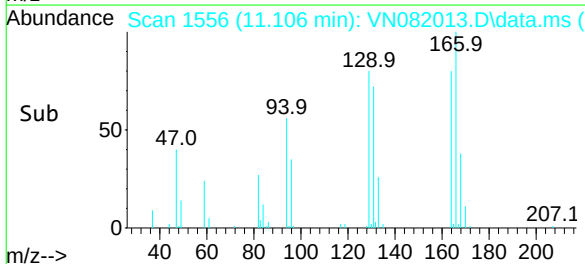
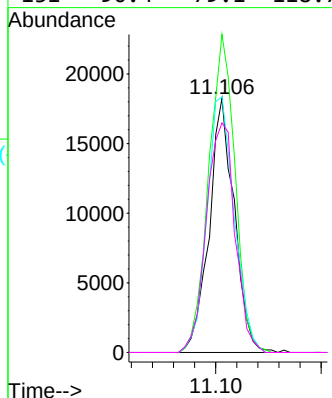
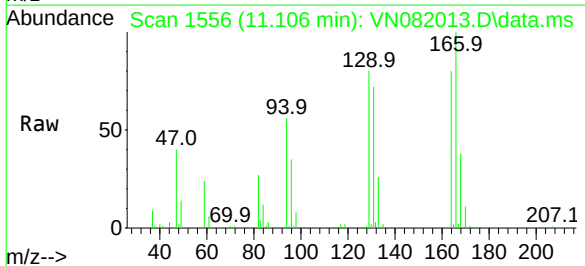
#61
Tetrachloroethene
Concen: 15.540 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 30113
Ion Ratio Lower Upper
164 100
166 125.2 106.7 160.1
129 100.6 85.8 128.6
131 90.4 79.1 118.7

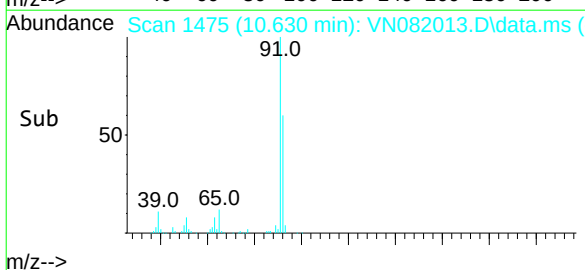
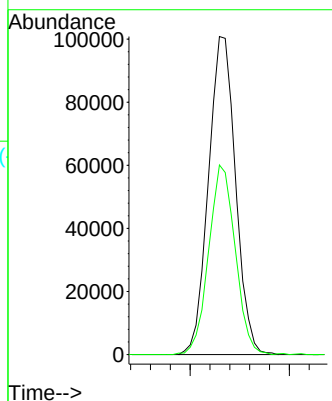
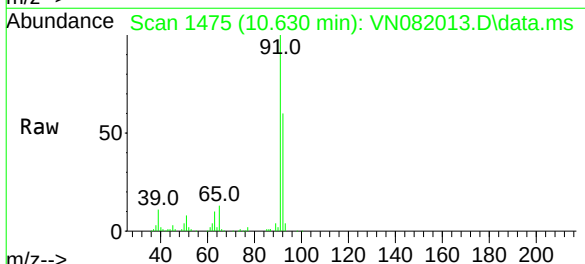
Manual Integrations
APPROVED

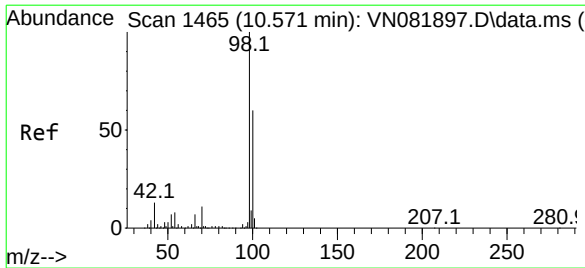
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#62
Toluene
Concen: 19.492 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

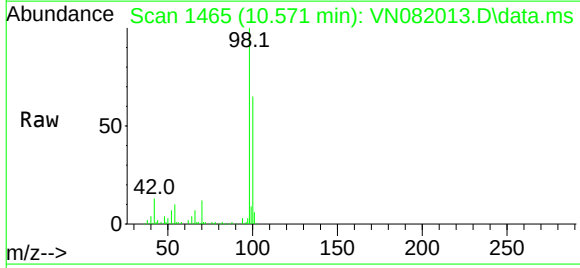
Tgt Ion: 91 Resp: 191525
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





#63
Toluene-d8
Concen: 30.575 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

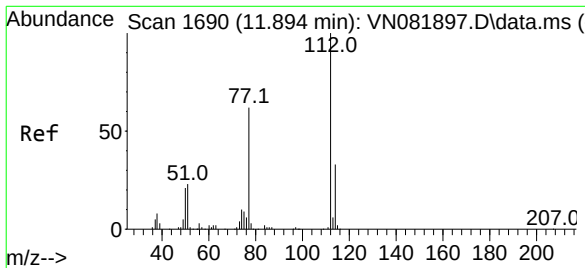
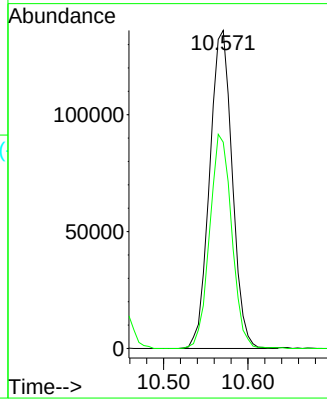
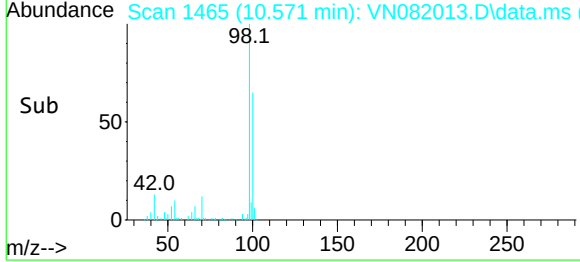
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 253572
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

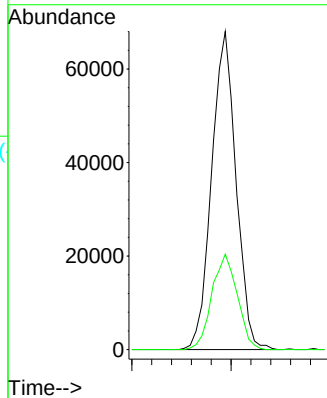
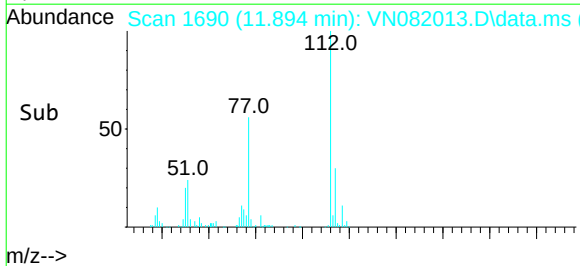
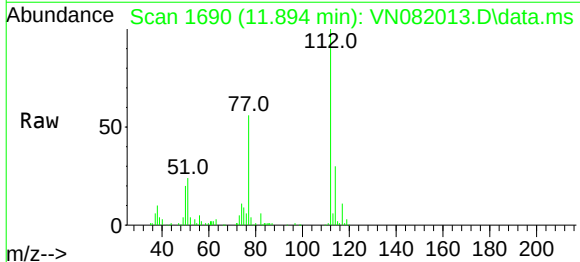
Manual Integrations
APPROVED

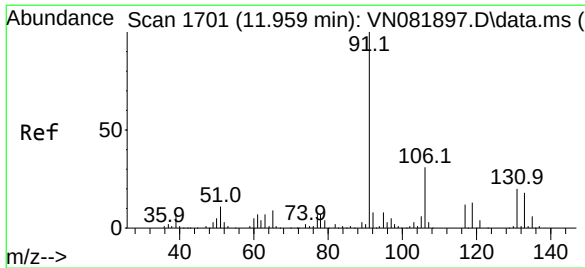
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#64
Chlorobenzene
Concen: 19.329 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:112 Resp: 116167
Ion Ratio Lower Upper
112 100
114 30.0 26.6 39.8





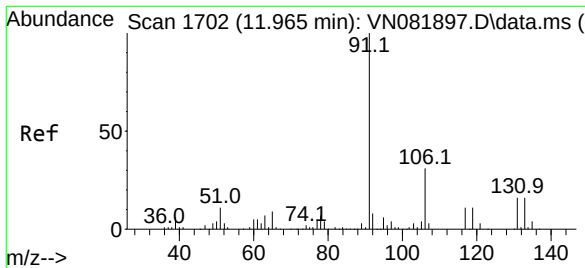
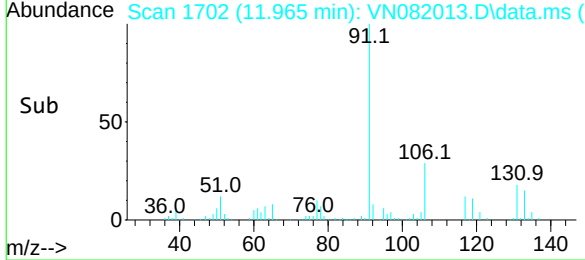
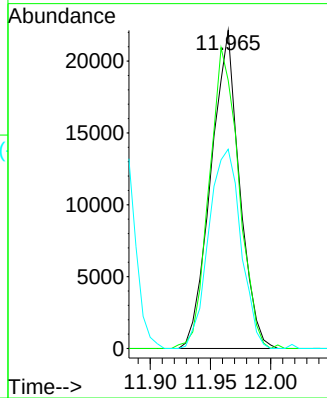
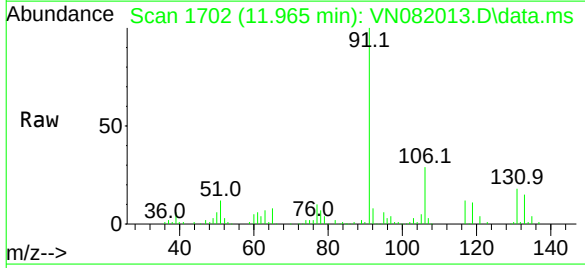
#65
1,1,1,2-Tetrachloroethane
Concen: 18.593 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	0.0	188.0
119	70.3	0.0	122.8

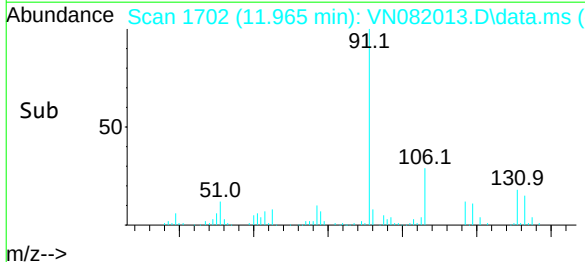
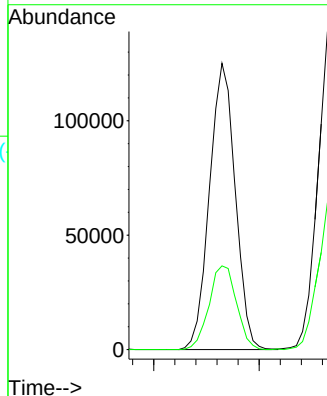
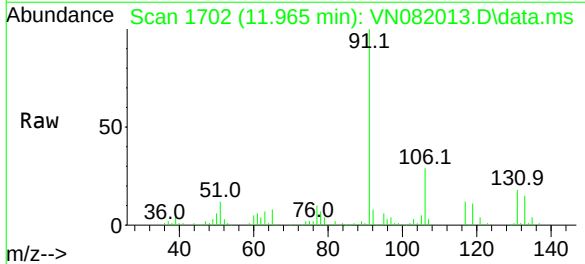
Manual Integrations
APPROVED

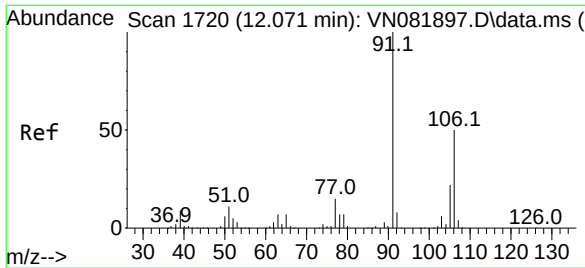
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#66
Ethyl Benzene
Concen: 19.731 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.4	36.6





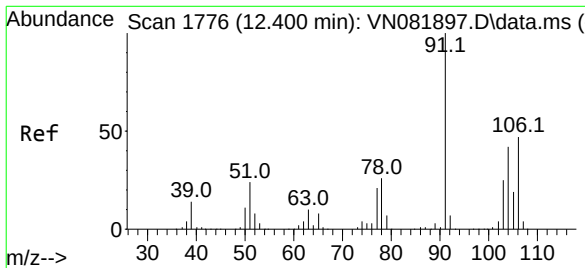
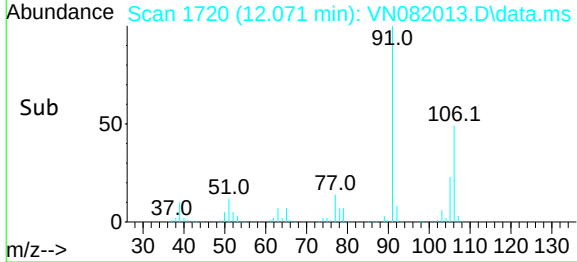
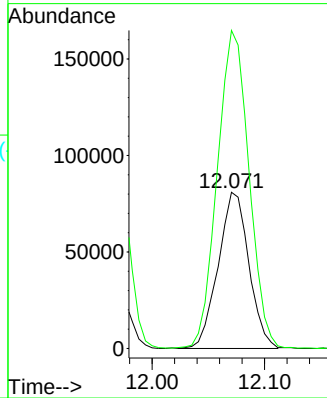
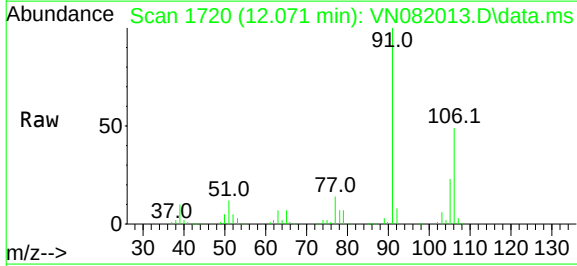
#67
m/p-Xylenes
Concen: 38.449 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 153539
Ion Ratio Lower Upper
106 100
91 210.3 166.6 249.8

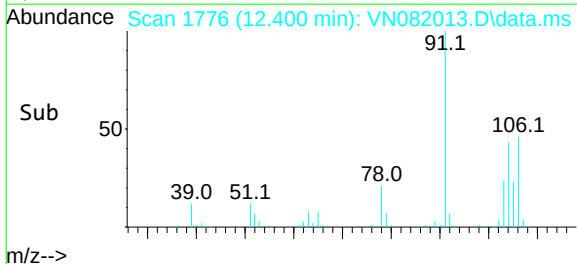
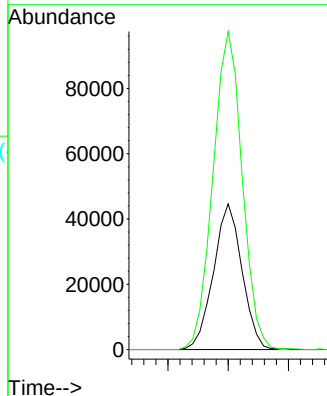
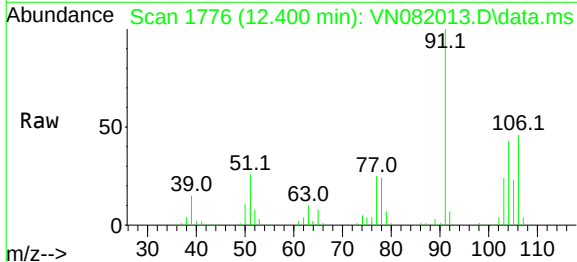
Manual Integrations
APPROVED

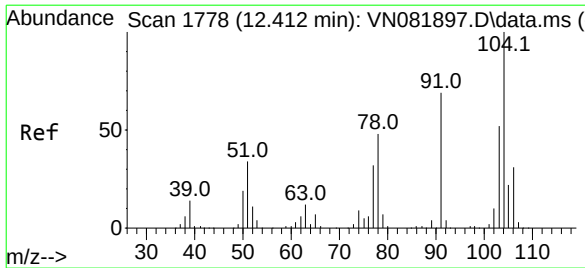
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#68
o-Xylene
Concen: 18.590 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:106 Resp: 73449
Ion Ratio Lower Upper
106 100
91 223.3 110.0 330.0





#69

Styrene

Concen: 19.111 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

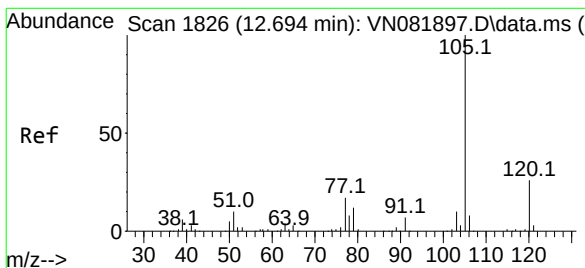
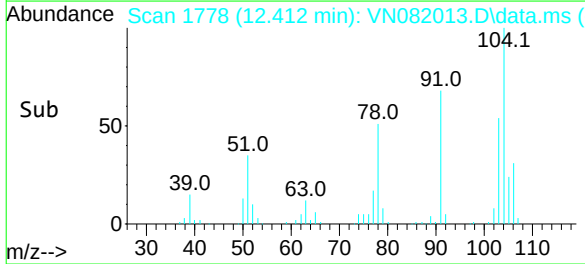
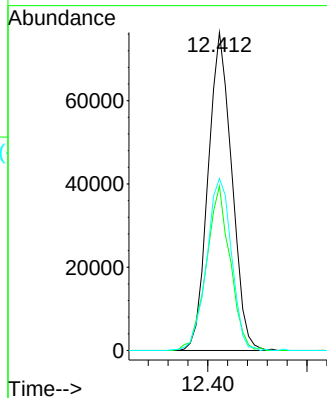
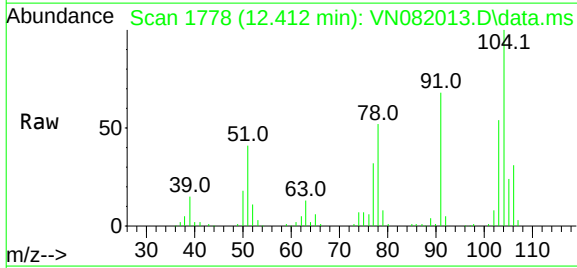
Tgt Ion:	104	Resp:	126747
Ion	Ratio	Lower	Upper
104	100		
78	51.8	42.6	64.0
103	56.5	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#70

Isopropylbenzene

Concen: 18.935 ug/l

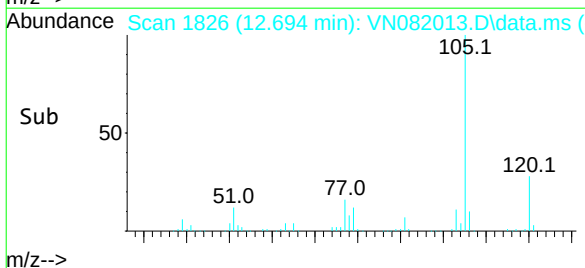
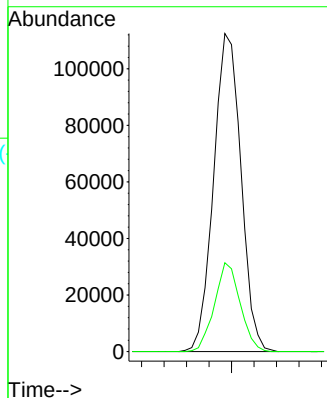
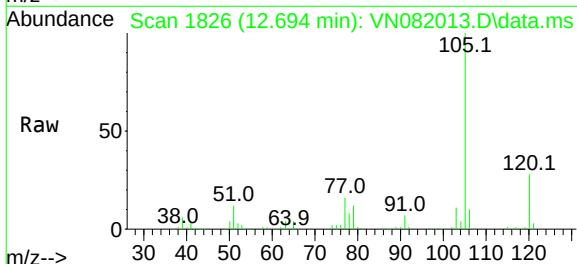
RT: 12.694 min Scan# 1826

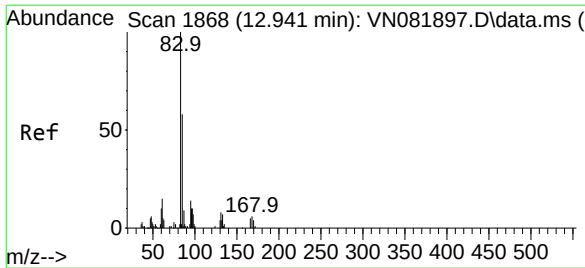
Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Tgt Ion:	105	Resp:	190003
Ion	Ratio	Lower	Upper
105	100		
120	26.2	17.8	33.1





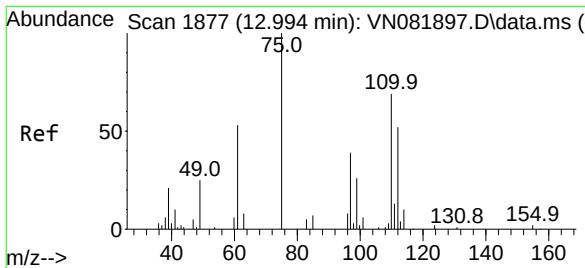
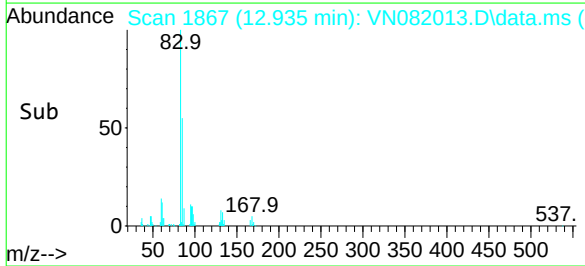
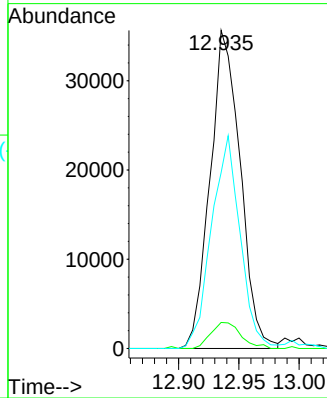
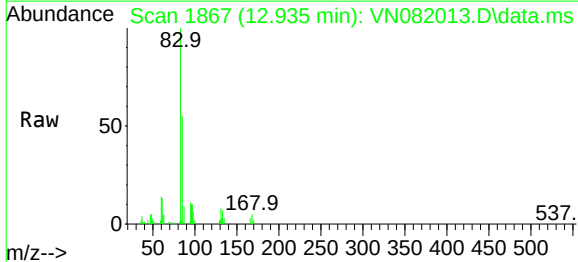
#71
1,1,2,2-Tetrachloroethane
Concen: 21.524 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	83	Resp:	62154
Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.2	15.6
85	63.4	32.3	96.8

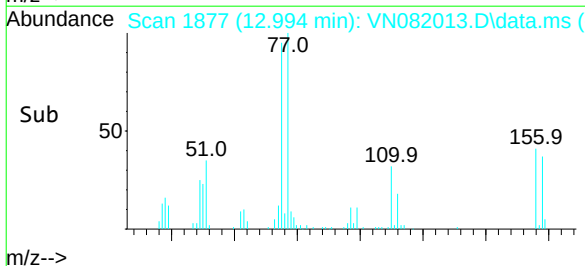
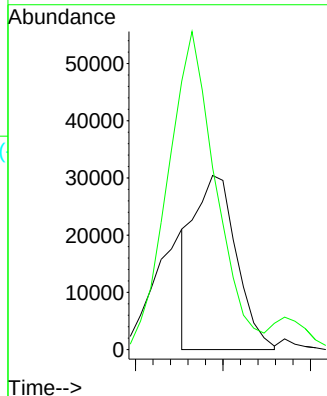
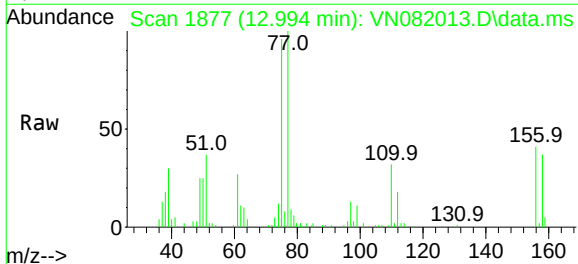
Manual Integrations
APPROVED

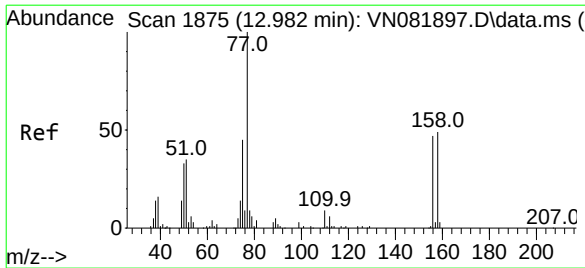
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#72
1,2,3-Trichloropropane
Concen: 19.076 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:	75	Resp:	51499
Ion	Ratio	Lower	Upper
75	100		
77	206.1	0.0	367.6





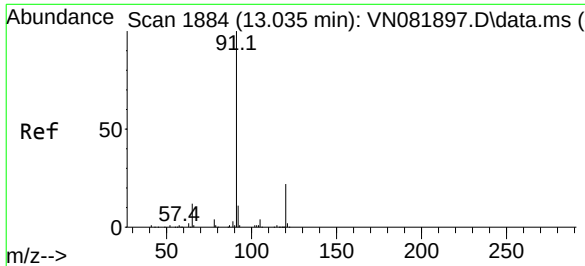
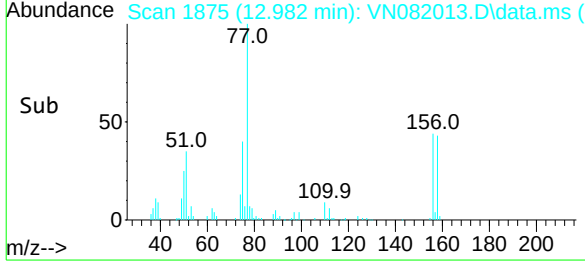
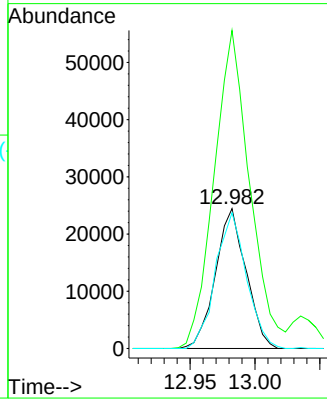
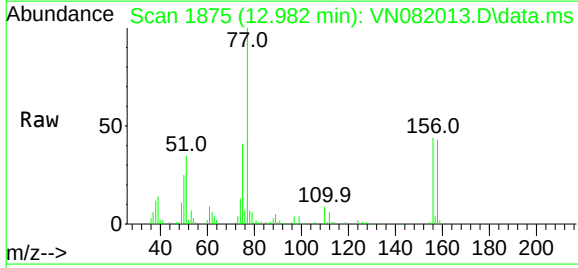
#73
Bromobenzene
Concen: 18.700 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 40166
Ion Ratio Lower Upper
156 100
77 264.3 0.0 437.6
158 98.3 0.0 203.8

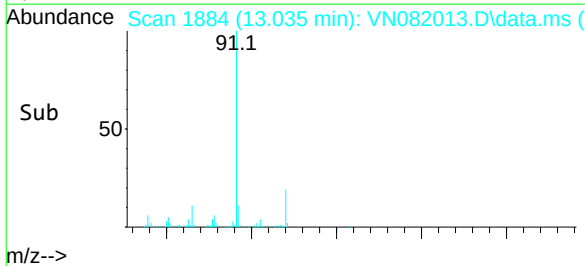
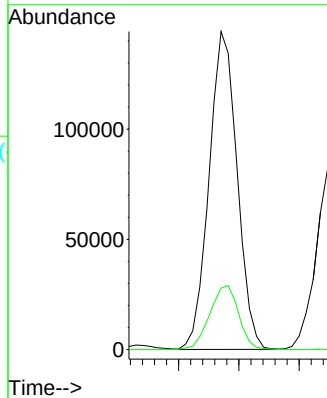
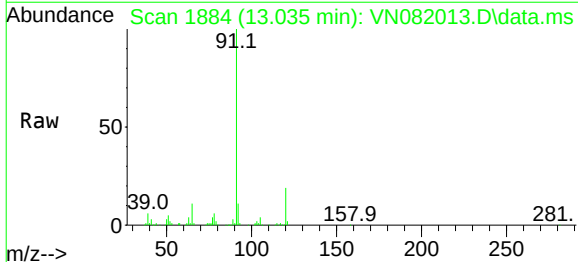
Manual Integrations
APPROVED

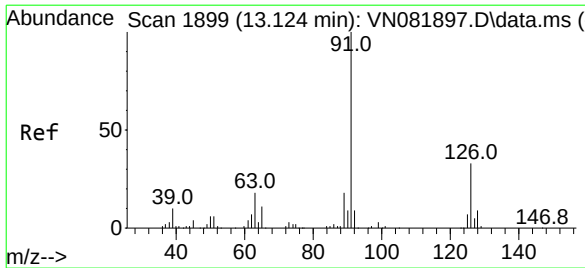
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#74
n-propylbenzene
Concen: 19.712 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 91 Resp: 233359
Ion Ratio Lower Upper
91 100
120 20.7 0.0 43.8





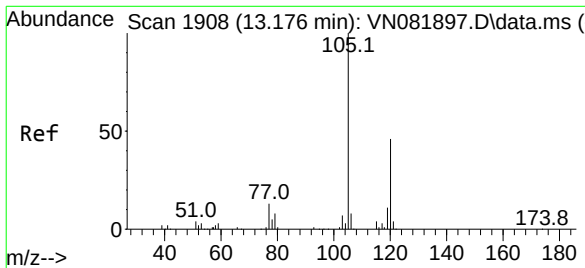
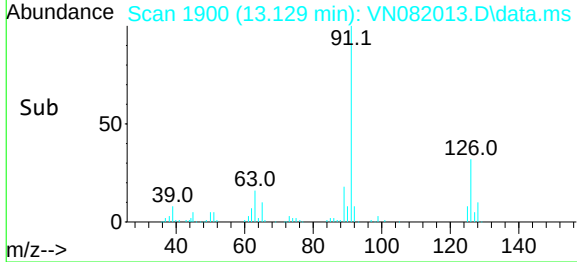
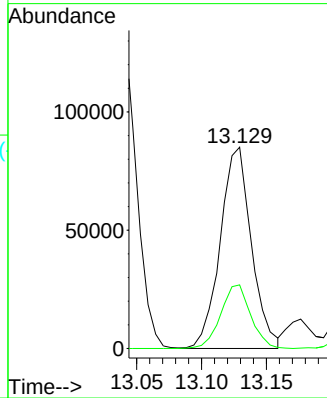
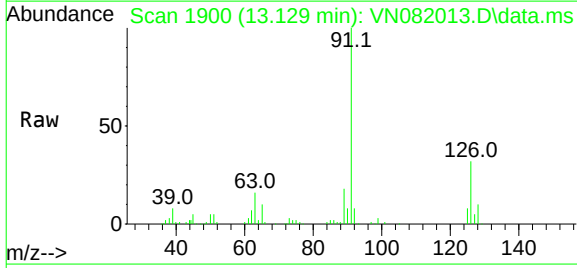
#75
2-Chlorotoluene
Concen: 19.437 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 142352
Ion Ratio Lower Upper
91 100
126 30.3 0.0 61.2

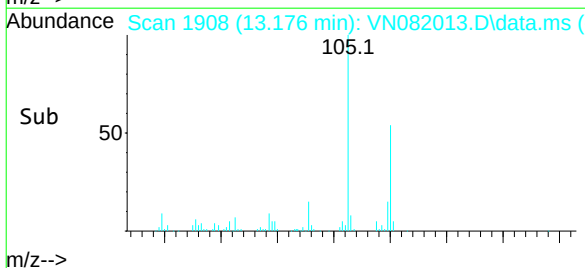
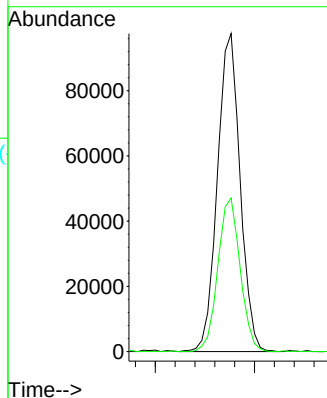
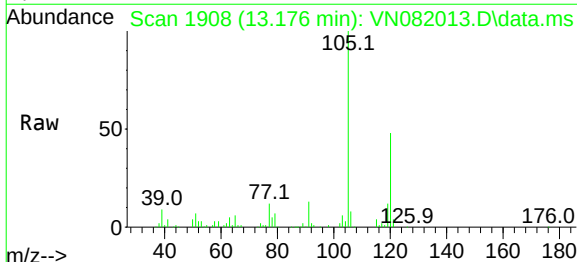
Manual Integrations
APPROVED

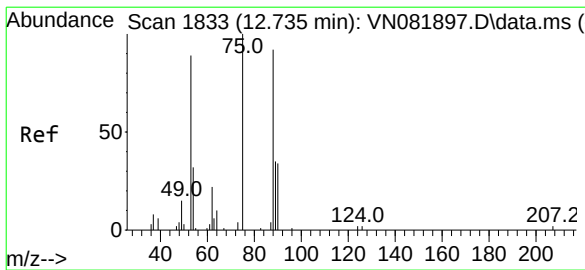
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.113 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

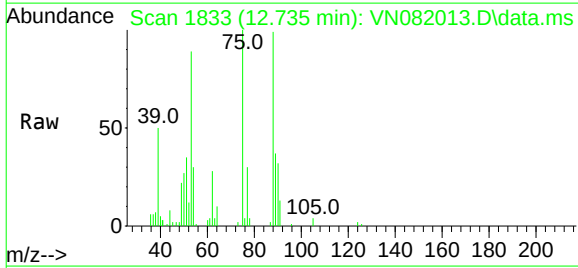
Tgt Ion:105 Resp: 155240
Ion Ratio Lower Upper
105 100
120 47.3 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.031 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

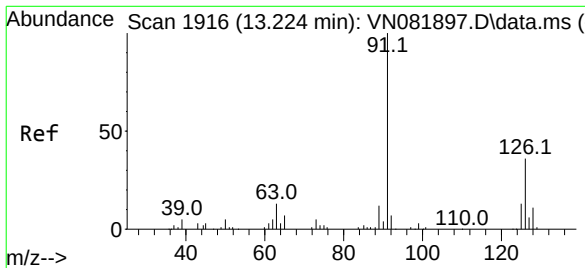
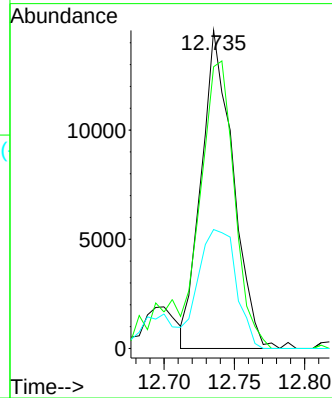
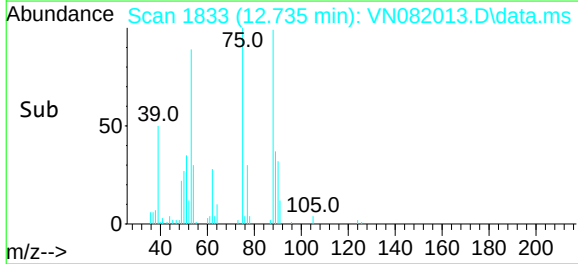
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 22867
Ion Ratio Lower Upper
75 100
53 88.6 45.9 137.7
89 37.4 25.9 77.7

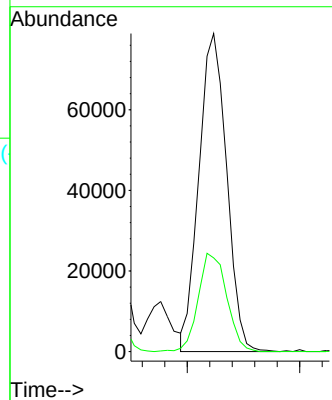
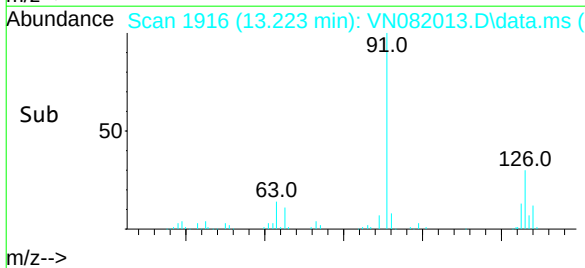
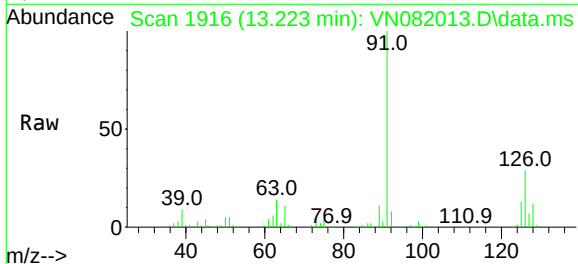
Manual Integrations
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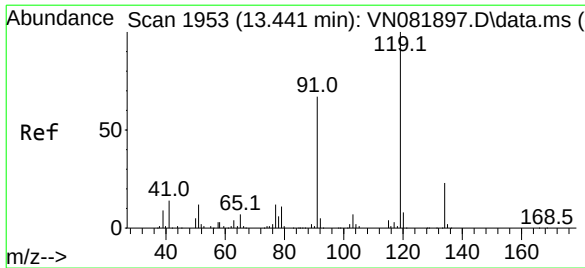
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#78
4-Chlorotoluene
Concen: 18.822 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion: 91 Resp: 135046
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.8





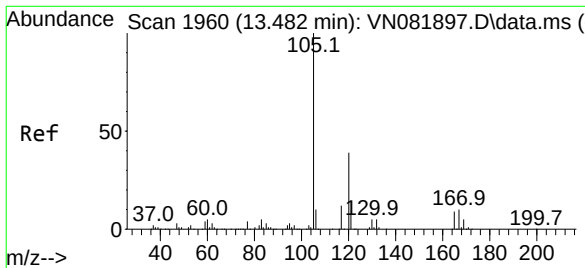
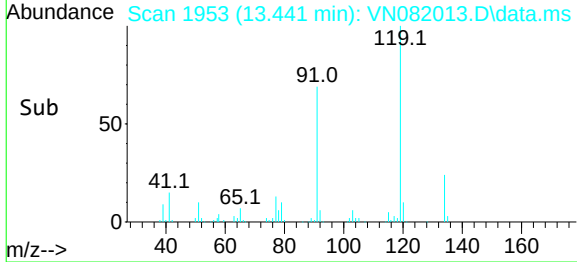
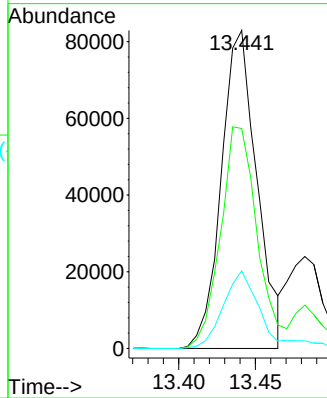
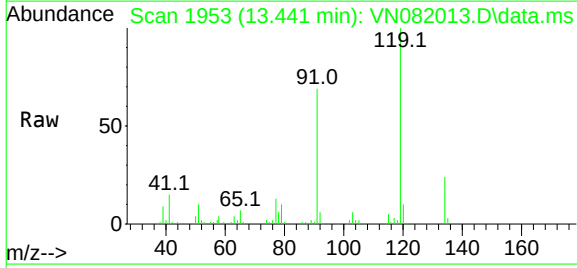
#79
tert-butylbenzene
Concen: 19.123 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 133730
Ion Ratio Lower Upper
119 100
91 72.1 0.0 138.8
134 23.5 0.0 48.6

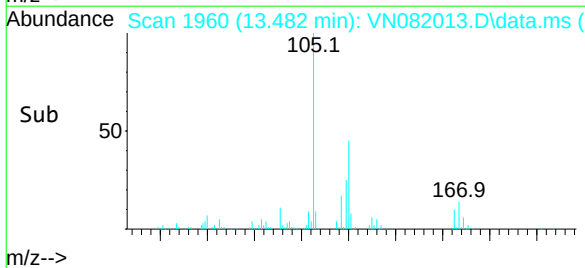
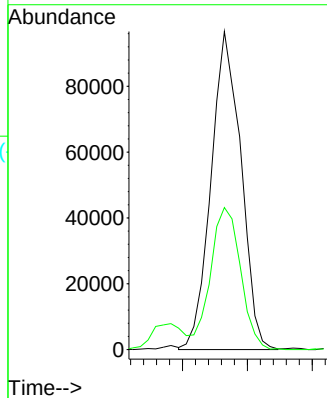
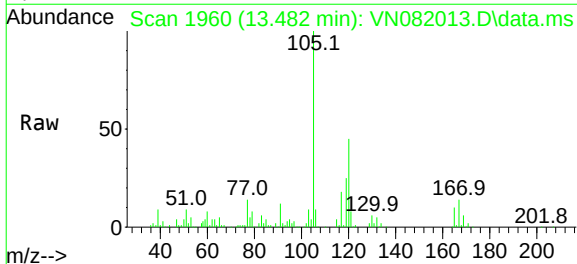
Manual Integrations
APPROVED

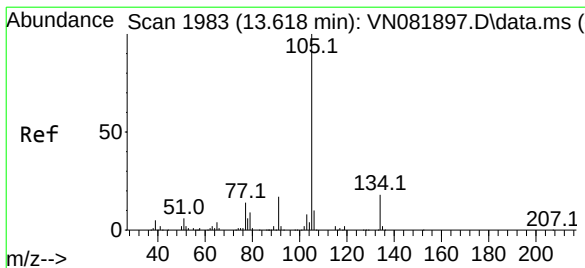
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.978 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:105 Resp: 154831
Ion Ratio Lower Upper
105 100
120 45.0 0.0 86.8





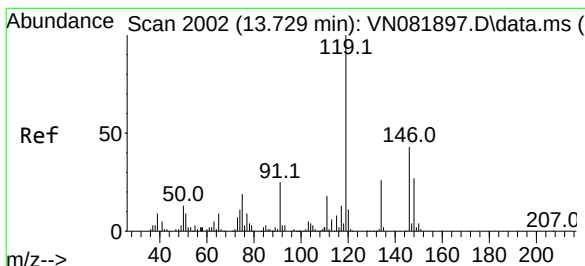
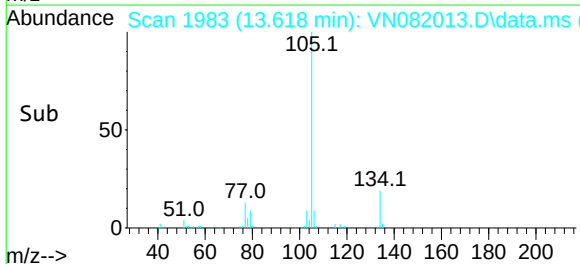
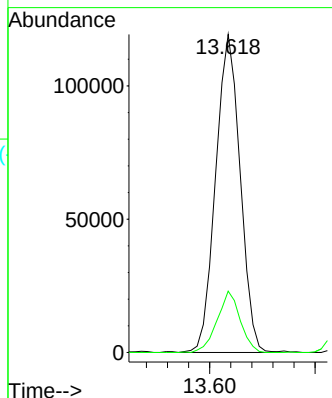
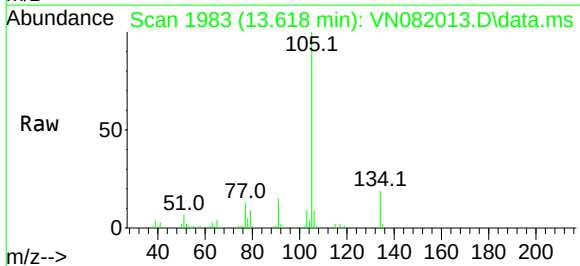
#81
sec-Butylbenzene
Concen: 19.639 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 192515
Ion Ratio Lower Upper
105 100
134 18.1 0.0 39.0

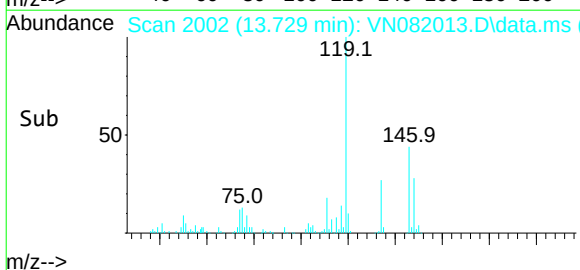
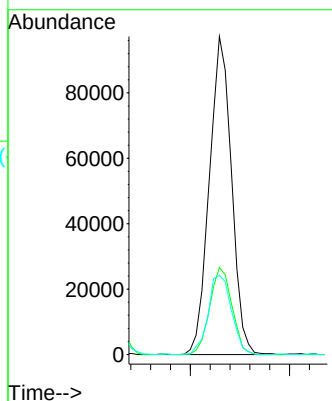
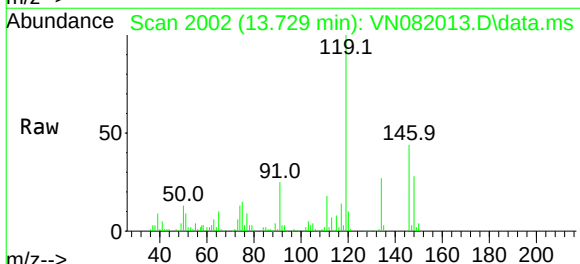
Manual Integrations
APPROVED

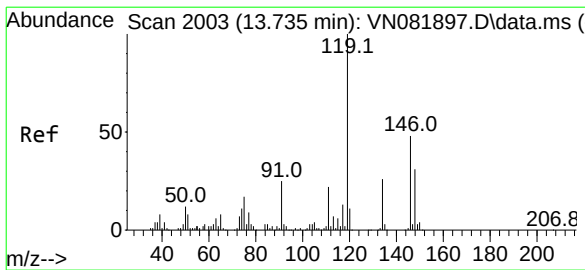
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#82
p-Isopropyltoluene
Concen: 19.511 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

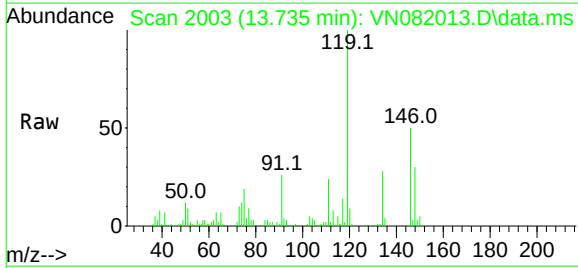
Tgt Ion:119 Resp: 151234
Ion Ratio Lower Upper
119 100
134 27.4 0.0 49.2
91 26.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 18.612 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

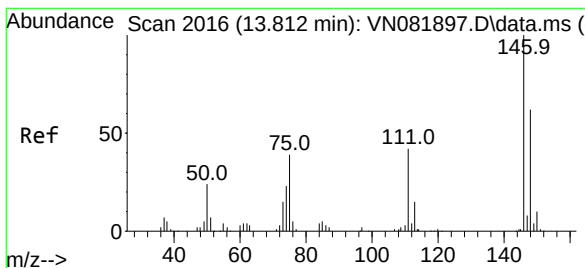
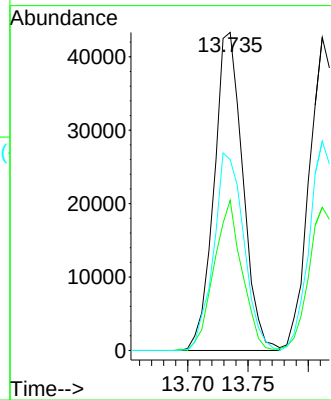
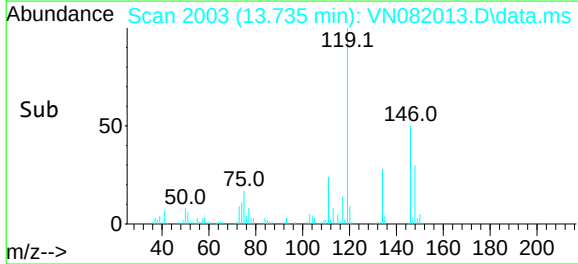
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 71984
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 65.0 32.1 96.5

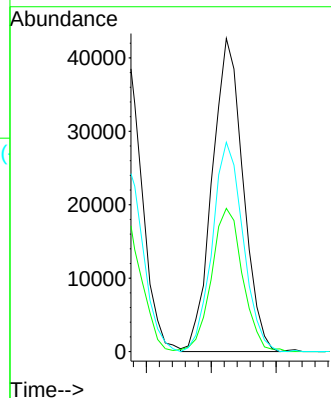
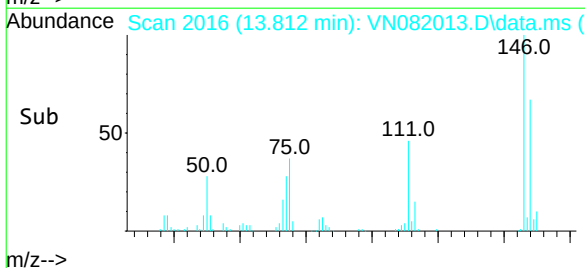
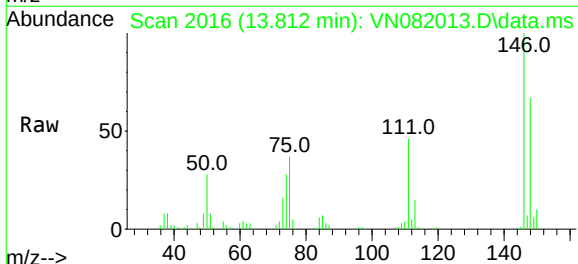
Manual Integrations
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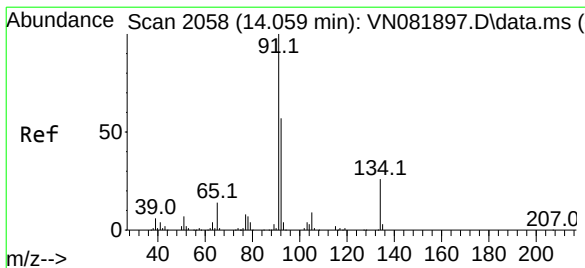
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#84
1,4-Dichlorobenzene
Concen: 18.128 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:146 Resp: 70471
Ion Ratio Lower Upper
146 100
111 45.9 21.3 63.9
148 66.7 31.9 95.5





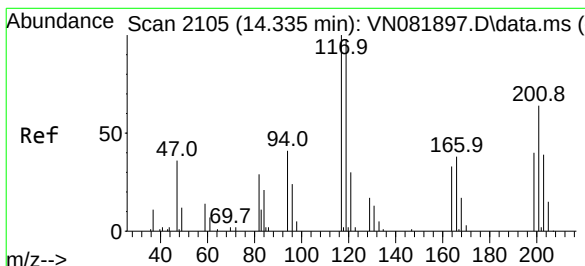
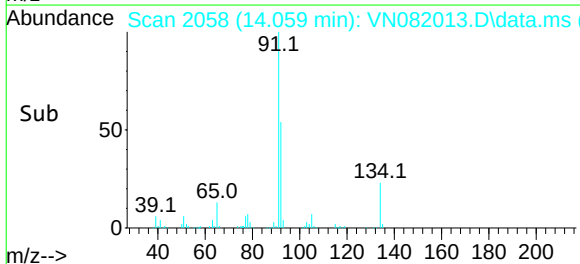
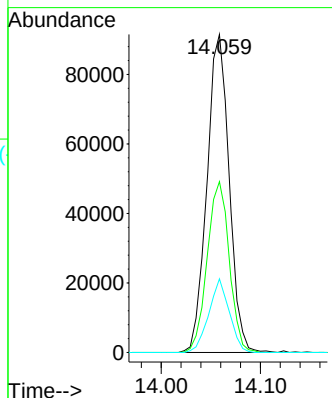
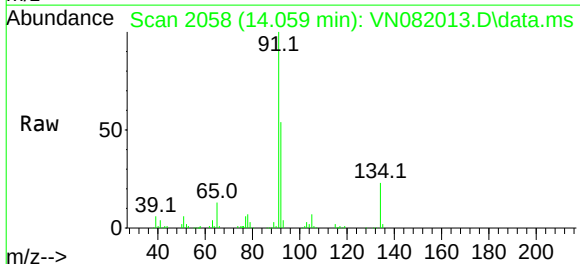
#85
n-Butylbenzene
Concen: 20.117 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	0.0	105.0
134	21.4	0.0	51.8

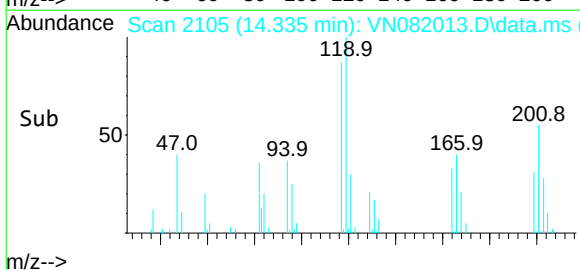
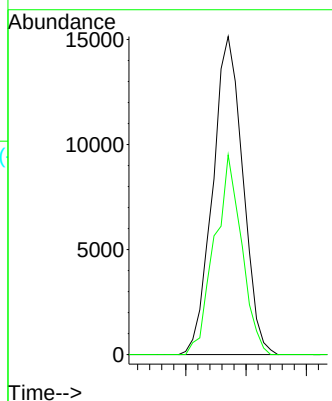
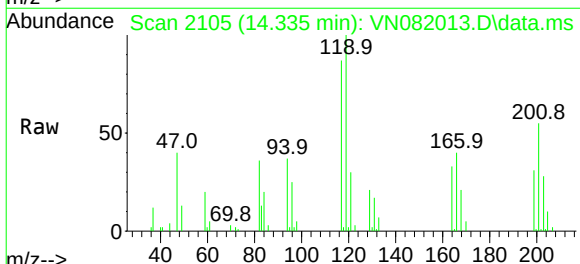
Manual Integrations
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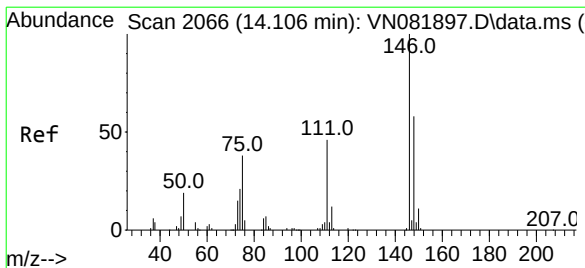
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#86
Hexachloroethane
Concen: 17.054 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	56.6	38.0	114.0





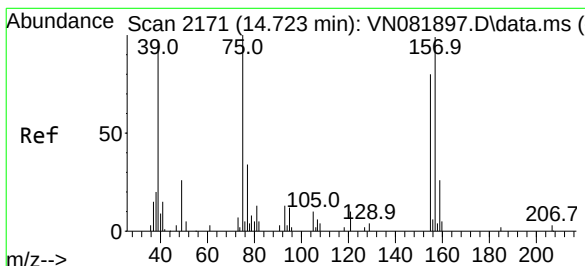
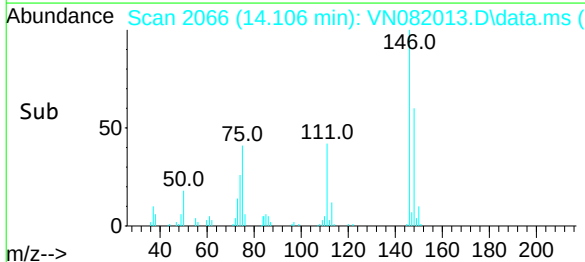
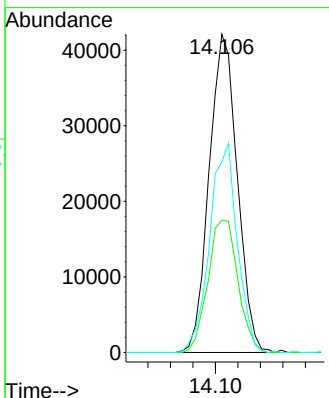
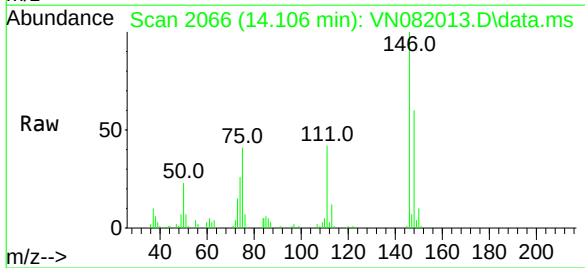
#87
1,2-Dichlorobenzene
Concen: 19.006 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.6	67.8
148	64.5	31.3	93.8

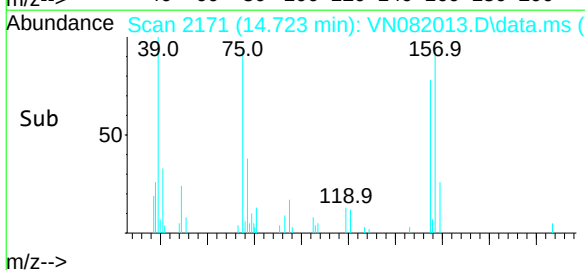
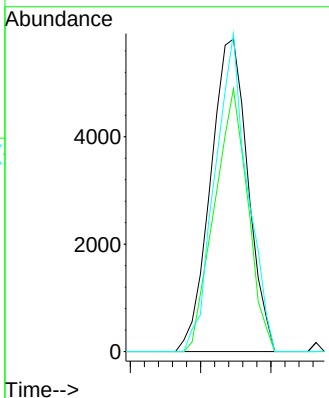
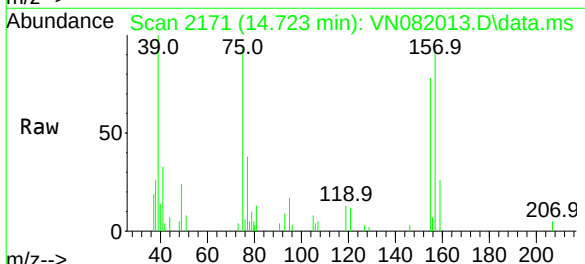
Manual Integrations
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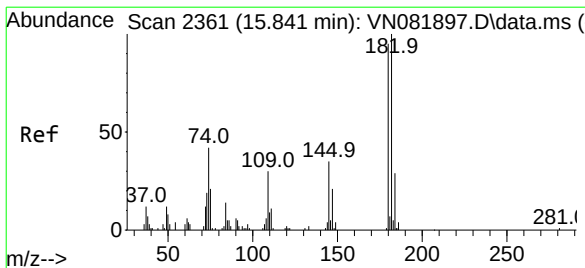
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.583 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	61.7	92.5
157	88.7	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 16.943 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

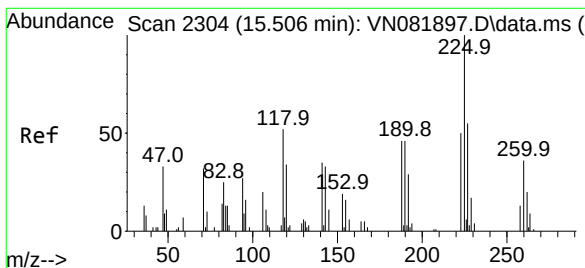
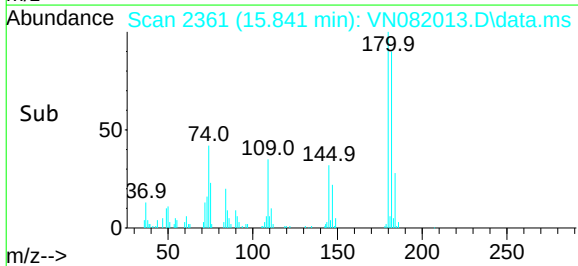
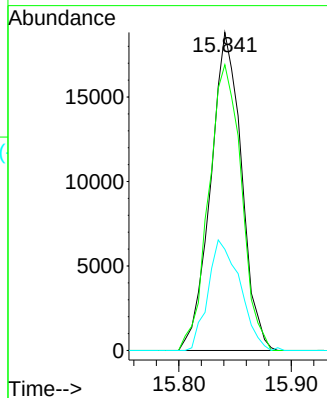
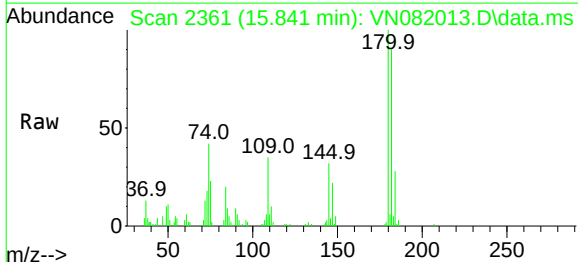
Tgt Ion:	180	Resp:	35937
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.4	114.6
145	35.9	28.4	42.6

Manual Integrations

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Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#90

Hexachlorobutadiene

Concen: 15.086 ug/l

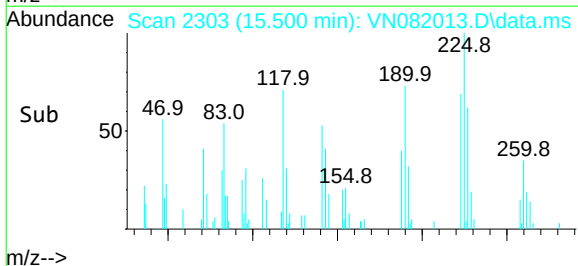
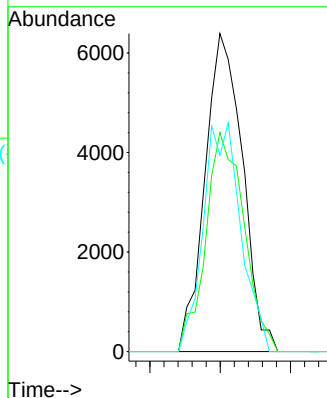
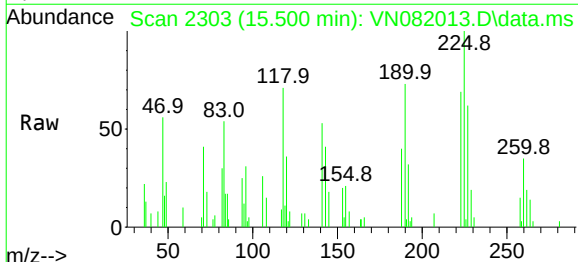
RT: 15.500 min Scan# 2303

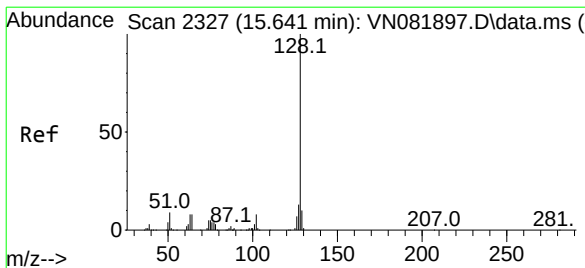
Delta R.T. -0.006 min

Lab File: VN082013.D

Acq: 06 May 2024 17:20

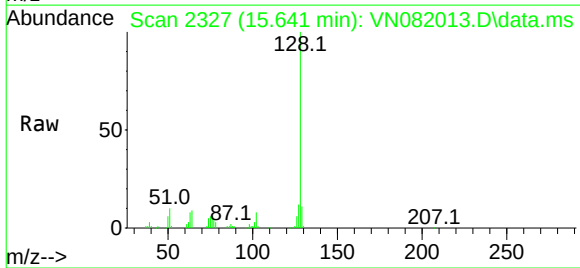
Tgt Ion:	225	Resp:	11851
Ion Ratio	Lower	Upper	
225	100		
223	70.3	0.0	126.6
227	71.7	0.0	126.6





#91
Naphthalene
Concen: 17.901 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

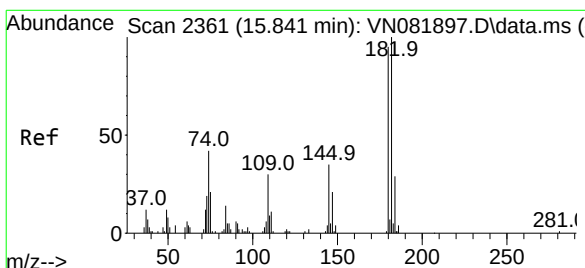
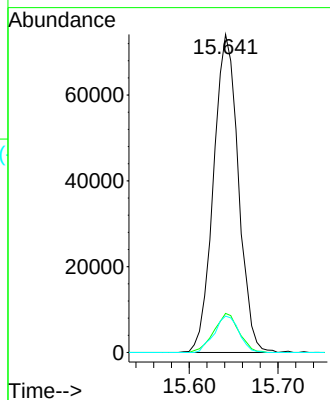
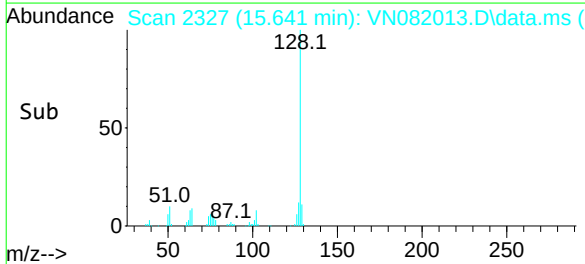
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 144339
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.943 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082013.D
Acq: 06 May 2024 17:20

Tgt Ion:180 Resp: 35937
Ion Ratio Lower Upper
180 100
182 95.0 0.0 191.0
145 35.9 0.0 71.0

