

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054274.D
 Acq On : 26 May 2023 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 23:51:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	173456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	271594	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	268810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	147556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	118156	51.963	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.920%
35) Dibromofluoromethane	5.282	113	92139	52.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	7.893	98	353430	53.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.260%
62) 4-Bromofluorobenzene	10.629	95	136630	52.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	100658	51.983	ug/l	99
3) Chloromethane	1.520	50	122693	48.391	ug/l	98
4) Vinyl Chloride	1.604	62	121649	50.286	ug/l	99
5) Bromomethane	1.854	94	60357	45.072	ug/l	99
6) Chloroethane	1.925	64	50538	43.320	ug/l	95
7) Trichlorofluoromethane	2.128	101	155396	46.691	ug/l	97
8) Diethyl Ether	2.372	74	62316	50.578	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.575	101	90551	50.252	ug/l	95
10) Methyl Iodide	2.716	142	92203	43.055	ug/l	96
11) Tert butyl alcohol	3.221	59	38702	63.011	ug/l #	54
12) 1,1-Dichloroethene	2.571	96	86724	46.482	ug/l	96
13) Acrolein	2.481	56	156036	244.200	ug/l	98
14) Allyl chloride	2.915	41	156179	48.278	ug/l	87
15) Acrylonitrile	3.311	53	374721	272.108	ug/l	98
16) Acetone	2.633	43	411812	315.957	ug/l	98
17) Carbon Disulfide	2.787	76	248504	45.068	ug/l	100
18) Methyl Acetate	2.944	43	248705	52.260	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	294749	48.261	ug/l	97
20) Methylene Chloride	3.041	84	115489	49.115	ug/l	95
21) trans-1,2-Dichloroethene	3.346	96	96188	48.154	ug/l	99
22) Diisopropyl ether	3.986	45	290480	50.661	ug/l #	74
23) Vinyl Acetate	3.948	43	1090759	260.705	ug/l	98
24) 1,1-Dichloroethane	3.861	63	181706	49.491	ug/l	99
25) 2-Butanone	4.700	43	504008	292.064	ug/l	97
26) 2,2-Dichloropropane	4.655	77	149031	46.448	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	109454	49.257	ug/l	96
28) Bromochloromethane	4.967	49	89374	52.605	ug/l	85
29) Tetrahydrofuran	5.047	42	297812	274.551	ug/l	93
30) Chloroform	5.083	83	177912	47.670	ug/l	98
31) Cyclohexane	5.382	56	151292	47.121	ug/l	95
32) 1,1,1-Trichloroethane	5.308	97	155754	48.071	ug/l	99
36) 1,1-Dichloropropene	5.520	75	129568	47.165	ug/l	98
37) Ethyl Acetate	4.796	43	172212	51.438	ug/l #	94
38) Carbon Tetrachloride	5.520	117	135681	48.254	ug/l	98
39) Methylcyclohexane	6.758	83	152167	48.904	ug/l	90
40) Benzene	5.767	78	390733	49.865	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	85548	55.288	ug/l	91
42) 1,2-Dichloroethane	5.787	62	142877	50.194	ug/l	99
43) Isopropyl Acetate	5.906	43	234601	50.802	ug/l	98
44) Trichloroethene	6.536	130	103578	47.287	ug/l	92
45) 1,2-Dichloropropane	6.783	63	103491	50.628	ug/l	98
46) Dibromomethane	6.912	93	76257	50.680	ug/l	93
47) Bromodichloromethane	7.099	83	137905	49.008	ug/l	100
48) Methyl methacrylate	6.957	41	109144	53.294	ug/l	95
49) 1,4-Dioxane	7.002	88	64354	1088.482	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	841418	273.031	ug/l	99
52) Toluene	7.963	92	248647	49.765	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	160974	50.001	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	169702	50.510	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	102995	49.741	ug/l	99
56) Ethyl methacrylate	8.330	69	158319	51.366	ug/l	96
57) 1,3-Dichloropropane	8.571	76	179454	50.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	37148	187.983	ug/l	100
59) 2-Hexanone	8.687	43	675337	277.409	ug/l	99
60) Dibromochloromethane	8.806	129	107676	51.183	ug/l	100
61) 1,2-Dibromoethane	8.918	107	114037	50.604	ug/l	99
64) Tetrachloroethene	8.549	164	102467	50.648	ug/l	98
65) Chlorobenzene	9.443	112	270047	48.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	100973	49.529	ug/l	98
67) Ethyl Benzene	9.565	91	471297	49.055	ug/l	97
68) m/p-Xylenes	9.690	106	362430	99.522	ug/l	92
69) o-Xylene	10.095	106	173788	49.297	ug/l	92
70) Styrene	10.111	104	299690	51.262	ug/l	97
71) Bromoform	10.288	173	89730	50.650	ug/l #	98
73) Isopropylbenzene	10.481	105	459367	50.268	ug/l	98
74) N-amyl acetate	10.317	43	192056	49.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	181780	49.160	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	215863	50.124	ug/l	98
77) Bromobenzene	10.780	156	123562	49.239	ug/l	93
78) n-propylbenzene	10.902	91	567703	50.713	ug/l	98
79) 2-Chlorotoluene	10.983	91	342037	50.467	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	399912	51.460	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	57086	50.477	ug/l	95
82) 4-Chlorotoluene	11.092	91	396754	49.893	ug/l	97
83) tert-Butylbenzene	11.417	119	377227	48.542	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	402609	52.073	ug/l	97
85) sec-Butylbenzene	11.639	105	487324	49.420	ug/l	100
86) p-Isopropyltoluene	11.790	119	416835	50.259	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	233665	48.090	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	235040	46.303	ug/l	98
89) n-Butylbenzene	12.204	91	366155	46.901	ug/l	98
90) Hexachloroethane	12.468	117	70713	48.194	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	229723	48.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	44777	53.097	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	154858	45.771	ug/l	99
94) Hexachlorobutadiene	14.015	225	73817	46.981	ug/l	99
95) Naphthalene	14.079	128	497625	45.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	153258	45.687	ug/l	99

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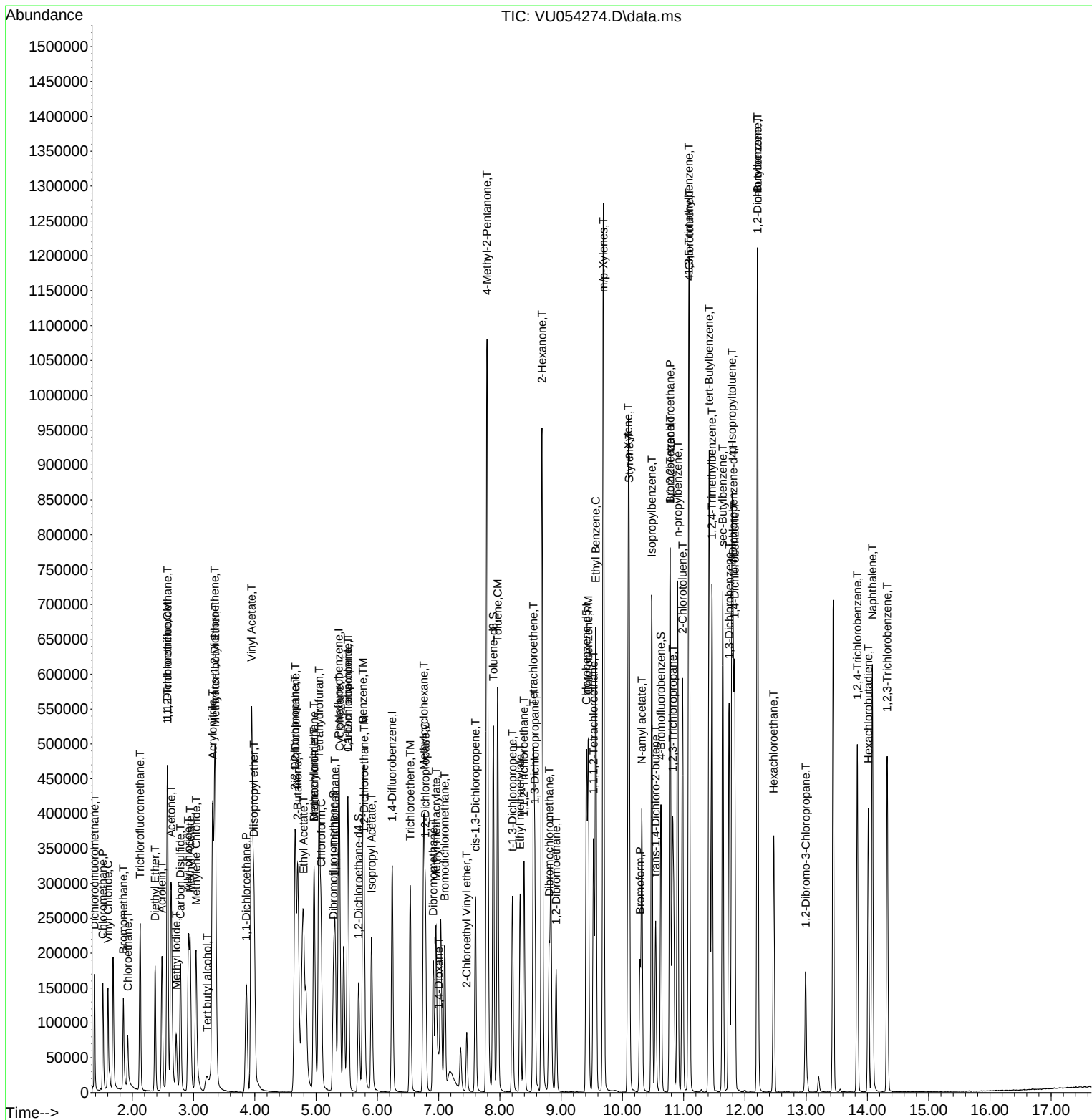
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MSVOA_U
ClientSampleId :
VSTDCCC050

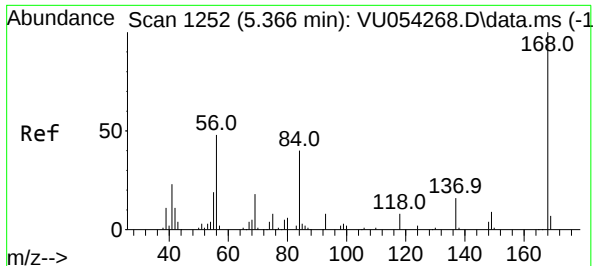
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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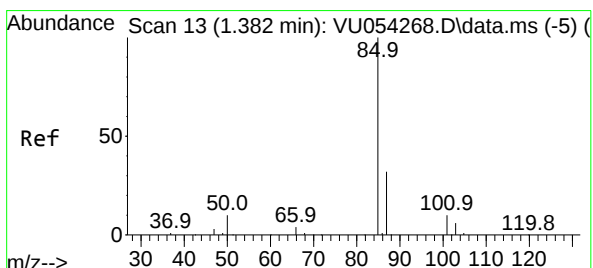
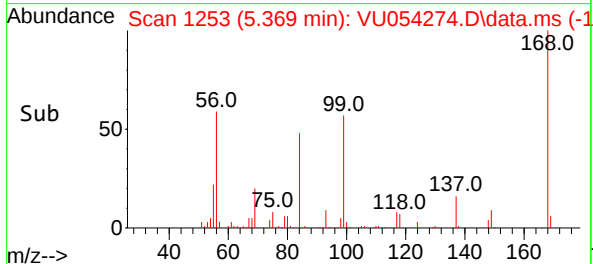
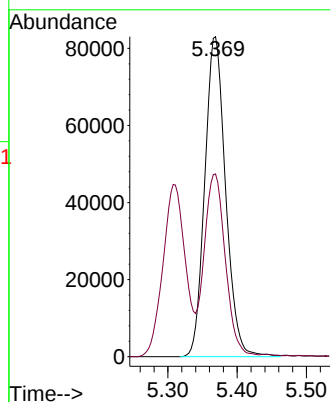
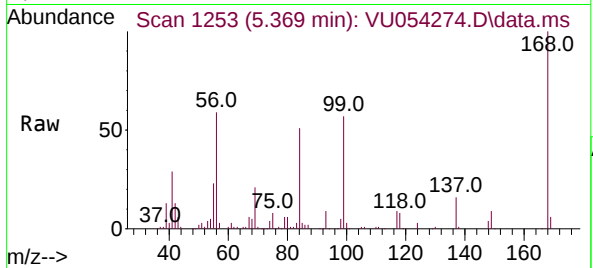




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054274.D
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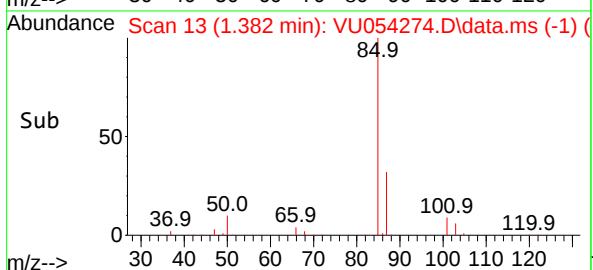
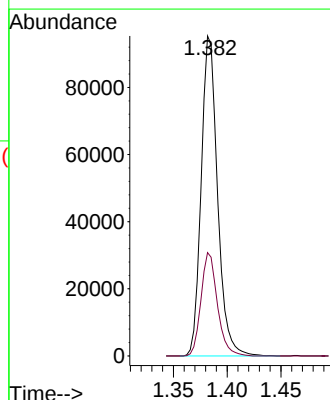
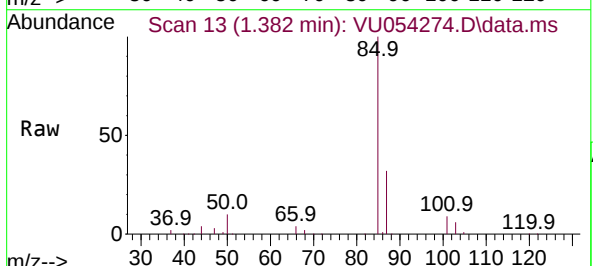
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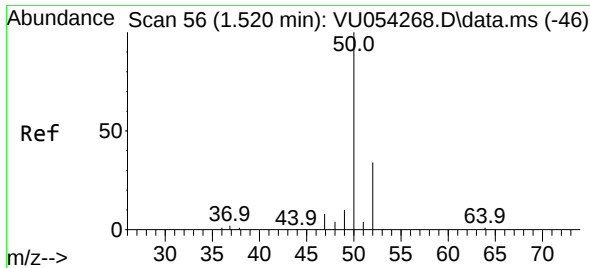
Tgt Ion:168 Resp: 173456
Ion Ratio Lower Upper
168 100
99 56.7 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 51.983 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 85 Resp: 100658
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2

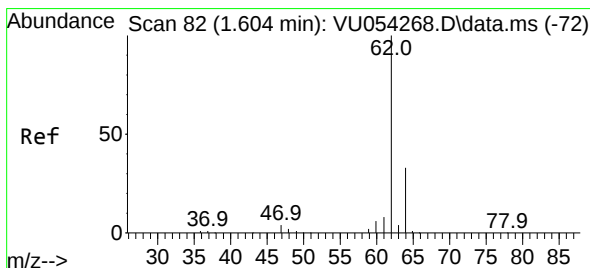
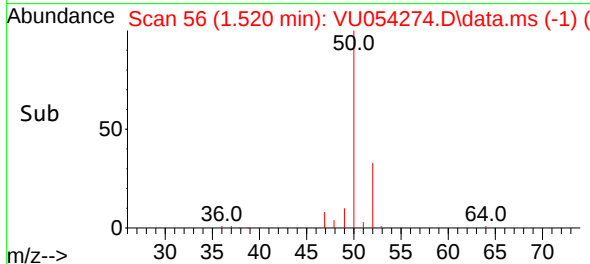
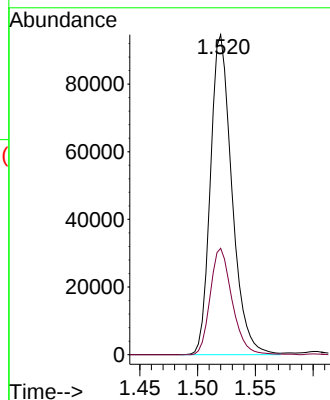
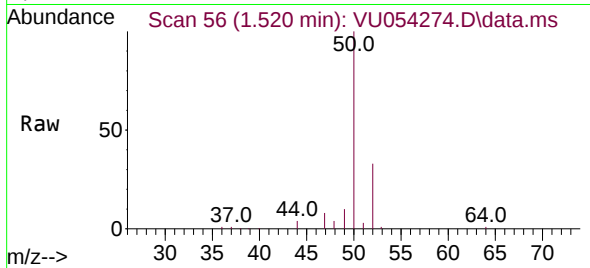




#3
Chloromethane
Concen: 48.391 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

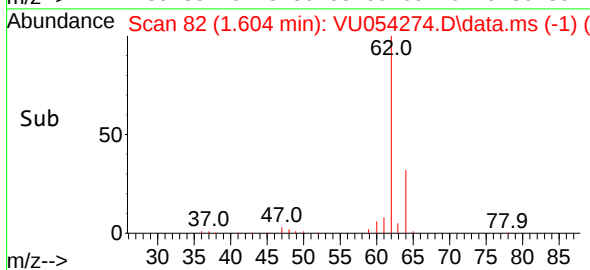
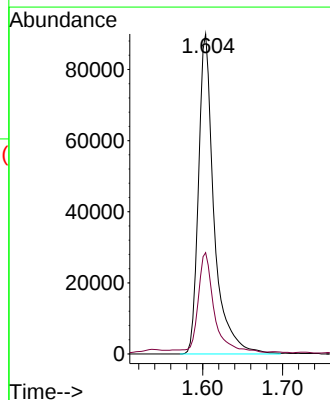
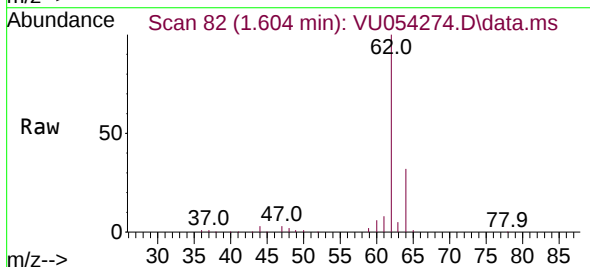
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ClientSampleId :
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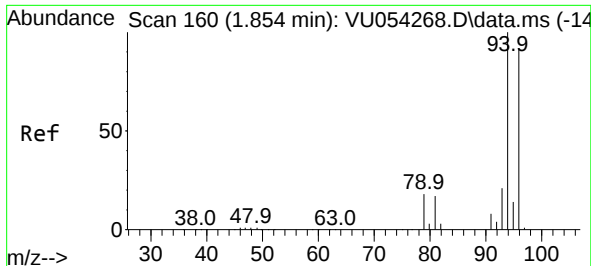
Tgt Ion: 50 Resp: 122693
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.2



#4
Vinyl Chloride
Concen: 50.286 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 62 Resp: 121649
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

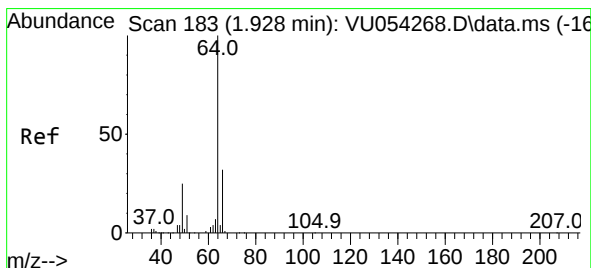
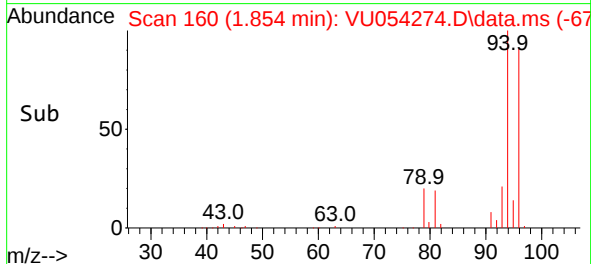
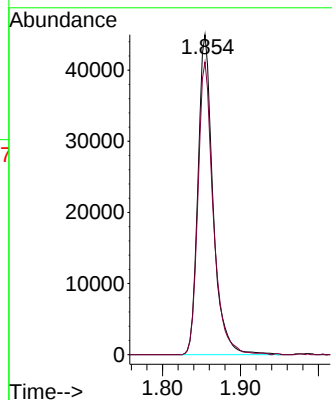
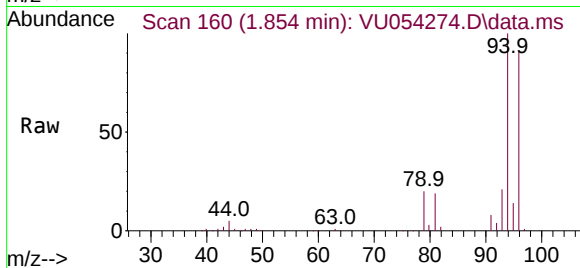




#5
Bromomethane
Concen: 45.072 ug/l
RT: 1.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

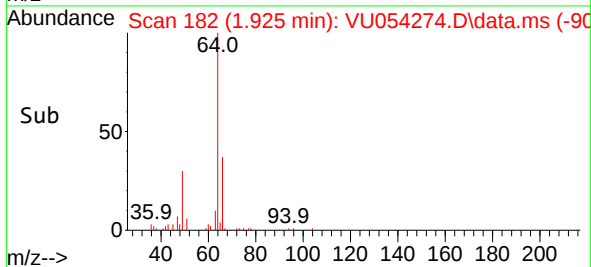
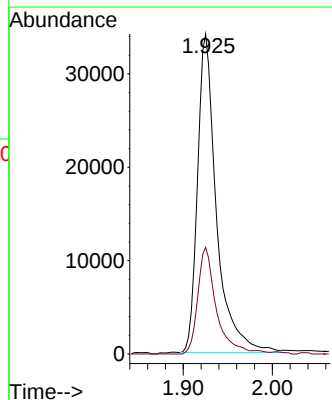
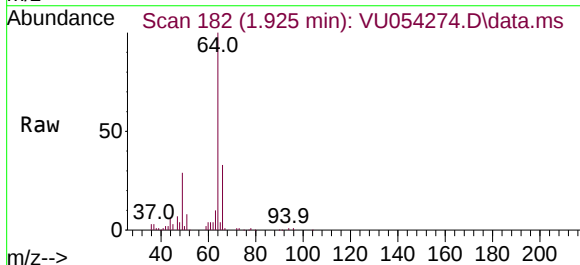
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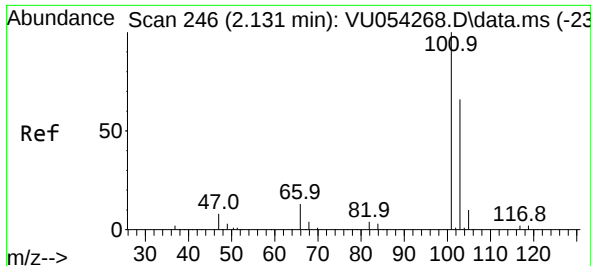
Tgt Ion: 94 Resp: 60357
Ion Ratio Lower Upper
94 100
96 91.5 73.7 110.5



#6
Chloroethane
Concen: 43.320 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 64 Resp: 50538
Ion Ratio Lower Upper
64 100
66 33.4 24.7 37.1

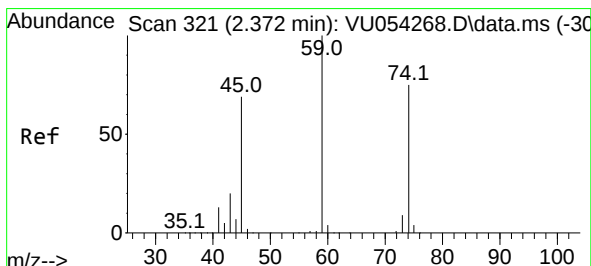
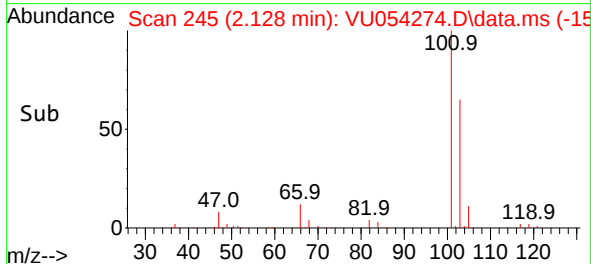
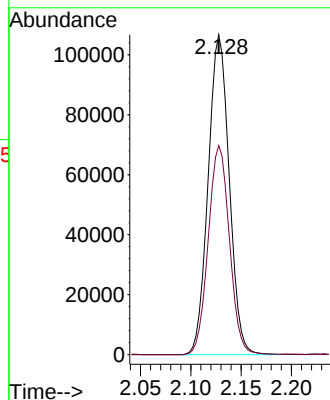
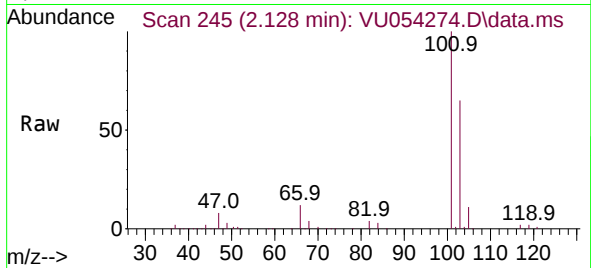




#7
 Trichlorofluoromethane
 Concen: 46.691 ug/l
 RT: 2.128 min Scan# 246
 Delta R.T. -0.003 min
 Lab File: VU054274.D
 Acq: 26 May 2023 10:08

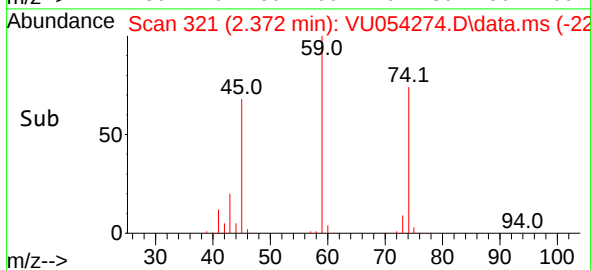
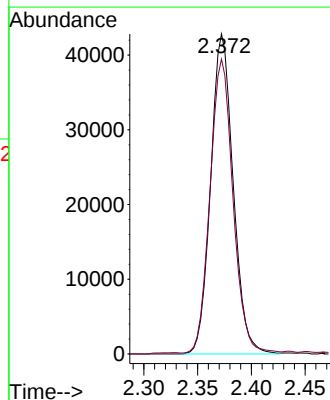
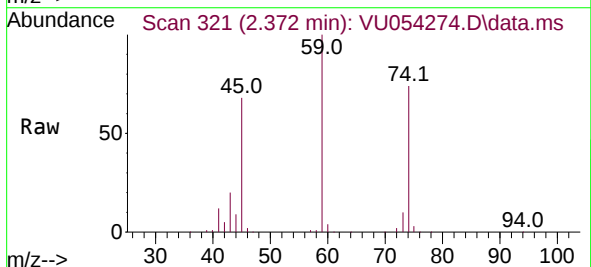
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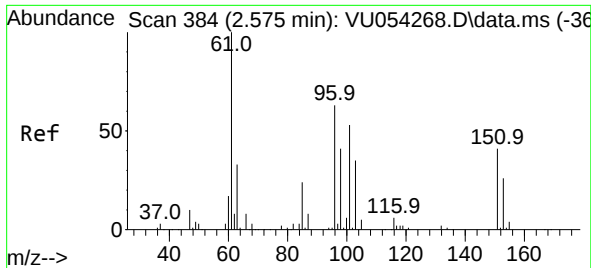
Tgt Ion:101 Resp: 155396
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 75.8



#8
 Diethyl Ether
 Concen: 50.578 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 62316
 Ion Ratio Lower Upper
 74 100
 45 93.5 44.4 133.2

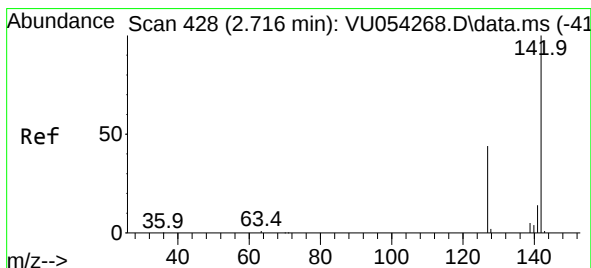
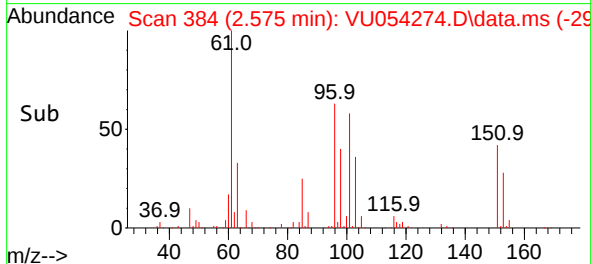
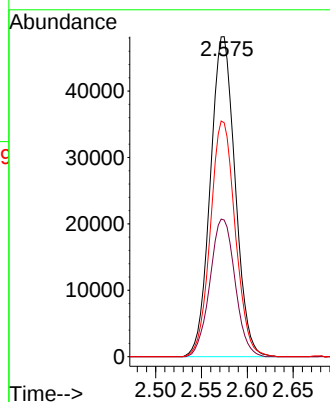
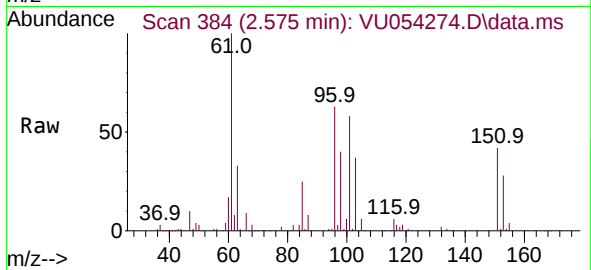




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.252 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

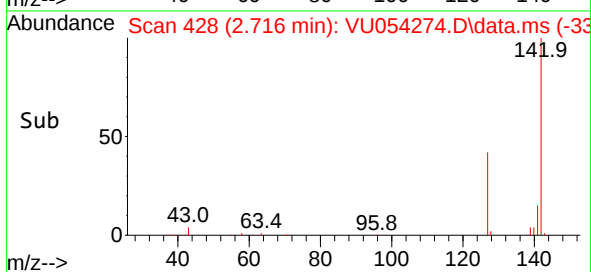
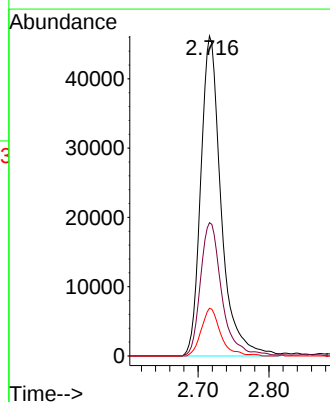
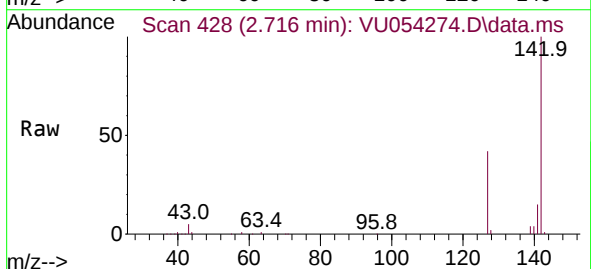
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

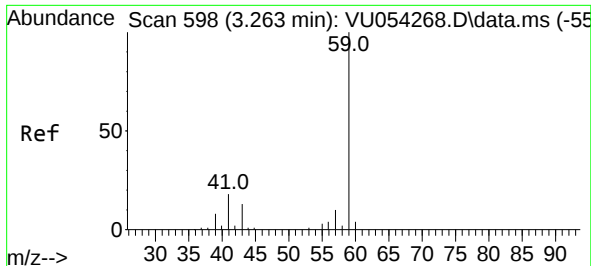
Tgt Ion:101 Resp: 90551
Ion Ratio Lower Upper
101 100
85 43.5 33.9 50.9
151 73.9 64.0 96.0



#10
Methyl Iodide
Concen: 43.055 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:142 Resp: 92203
Ion Ratio Lower Upper
142 100
127 43.7 32.5 48.7
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 63.011 ug/l

RT: 3.221 min Scan# 59

Delta R.T. -0.022 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

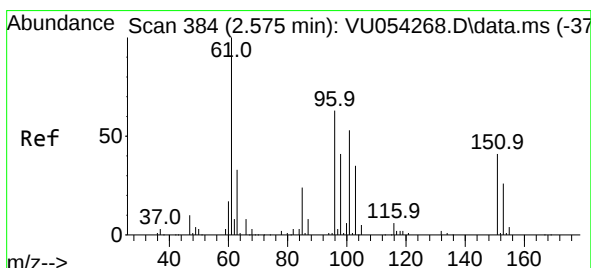
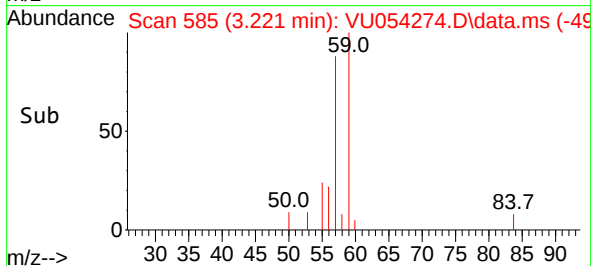
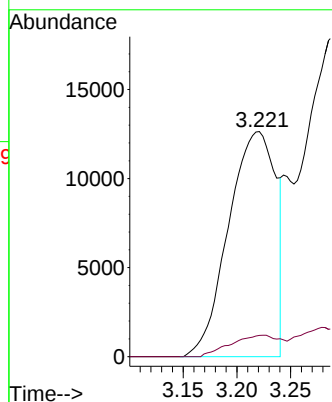
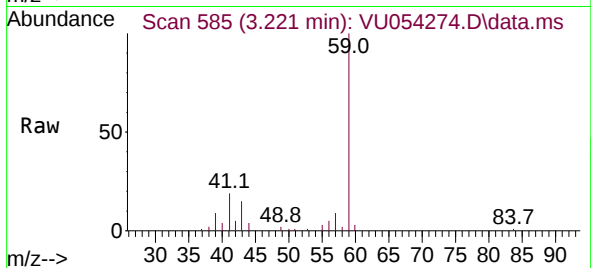
VSTDCCC050

Tgt Ion: 59 Resp: 38702

Ion Ratio Lower Upper

59 100

57 10.2 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 46.482 ug/l

RT: 2.571 min Scan# 383

Delta R.T. -0.004 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

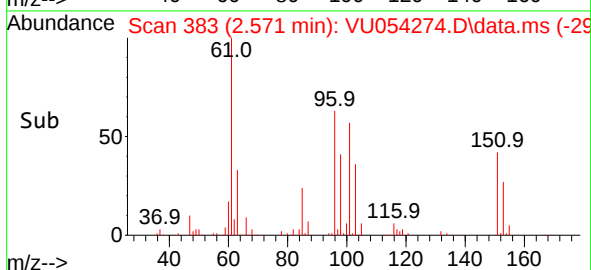
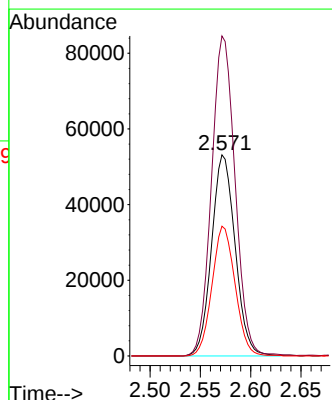
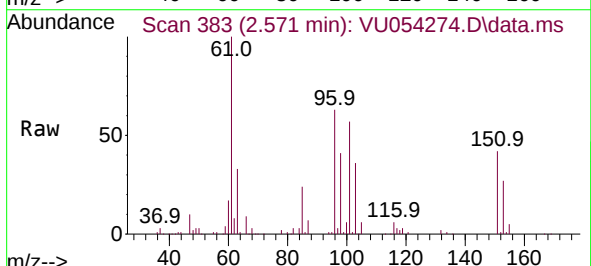
Tgt Ion: 96 Resp: 86724

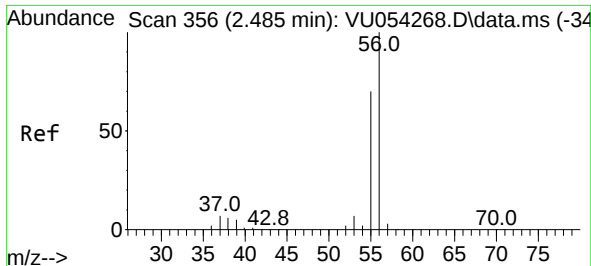
Ion Ratio Lower Upper

96 100

61 159.2 122.2 183.2

98 64.5 50.7 76.1

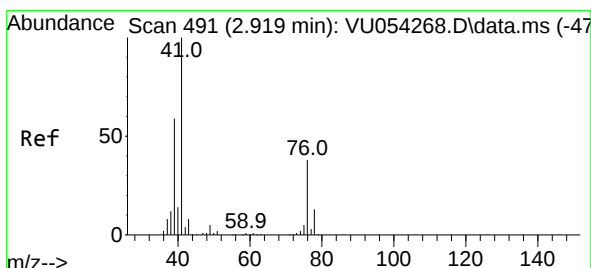
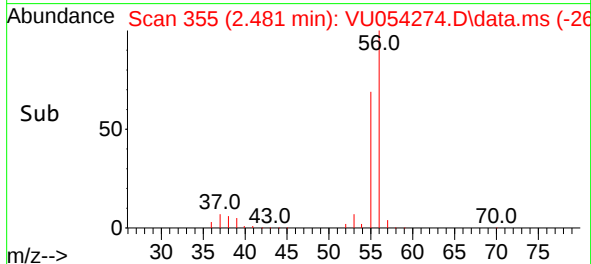
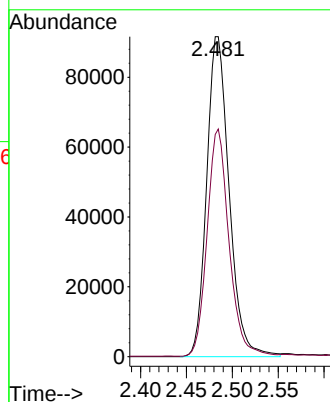
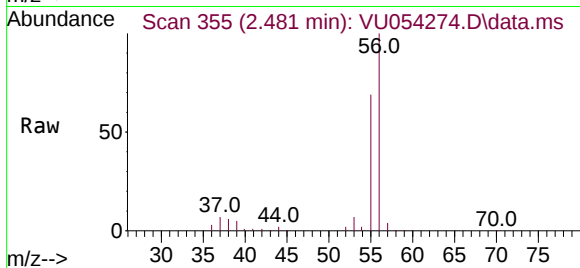




#13
Acrolein
Concen: 244.200 ug/l
RT: 2.481 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

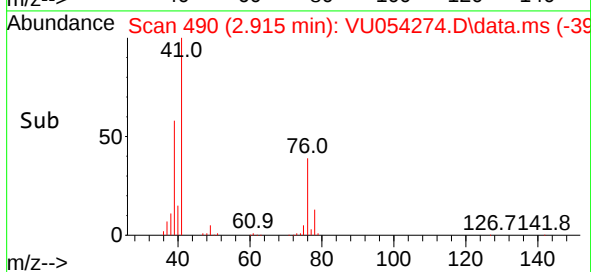
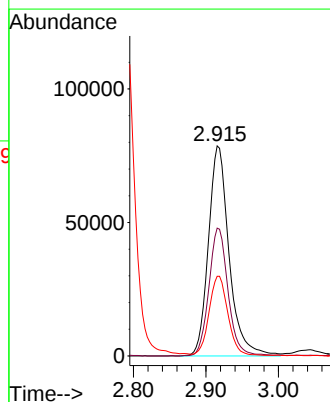
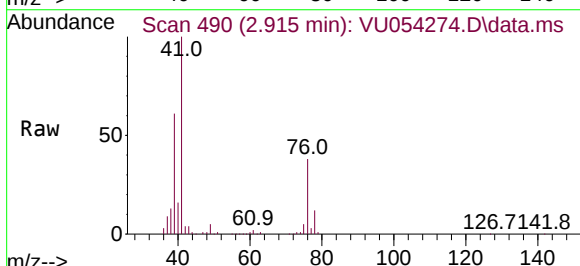
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

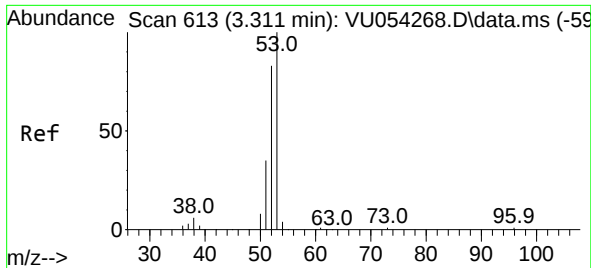
Tgt Ion: 56 Resp: 156036
Ion Ratio Lower Upper
56 100
55 69.1 56.6 85.0



#14
Allyl chloride
Concen: 48.278 ug/l
RT: 2.915 min Scan# 490
Delta R.T. -0.004 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 41 Resp: 156179
Ion Ratio Lower Upper
41 100
39 56.3 53.4 80.2
76 34.2 33.8 50.6

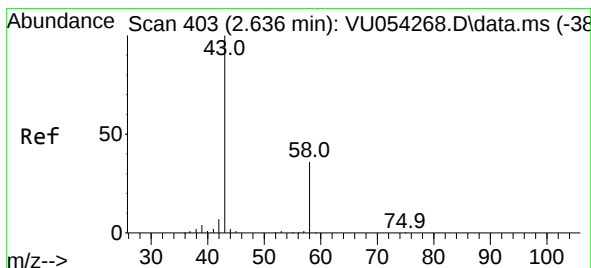
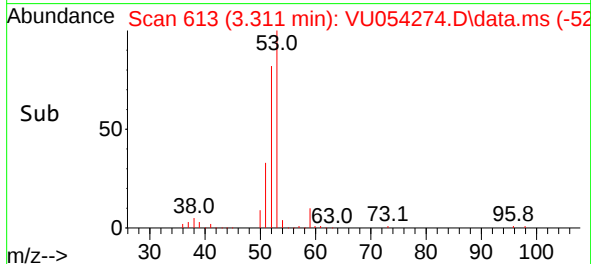
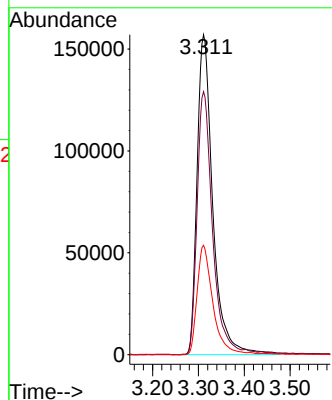
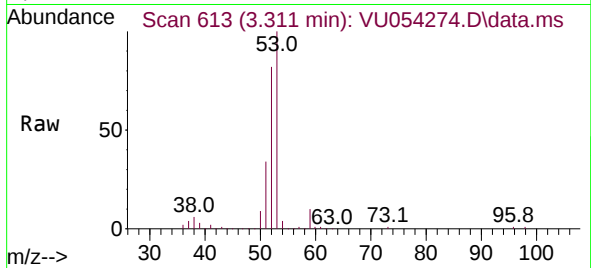




#15
Acrylonitrile
Concen: 272.108 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

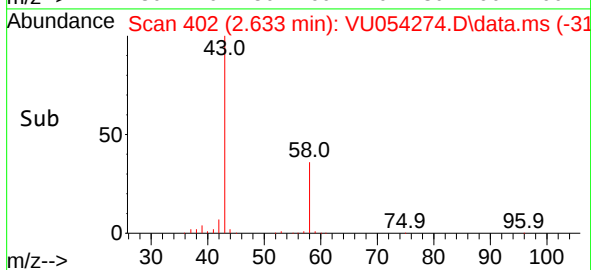
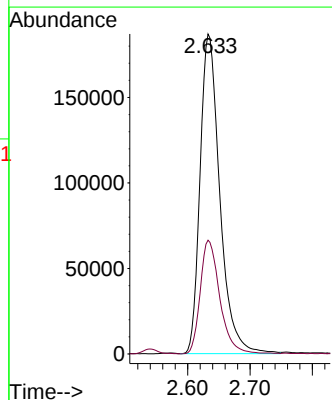
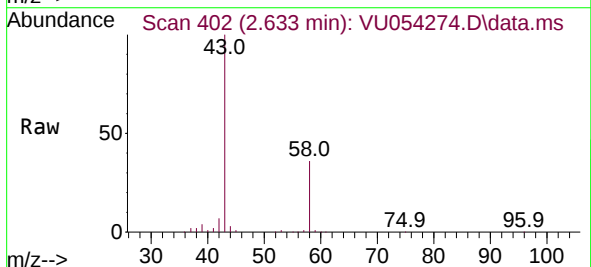
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

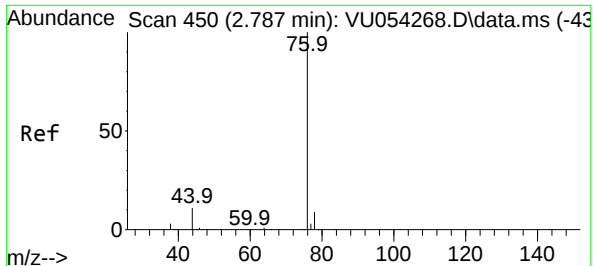
Tgt Ion: 53 Resp: 374721
Ion Ratio Lower Upper
53 100
52 79.8 65.7 98.5
51 34.0 28.2 42.4



#16
Acetone
Concen: 315.957 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 43 Resp: 411812
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3

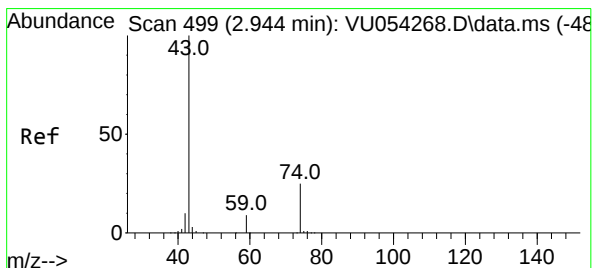
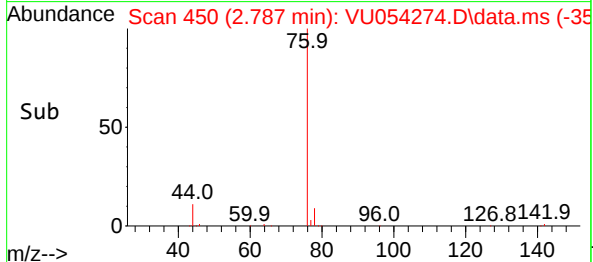
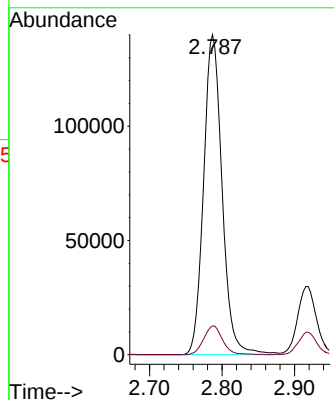
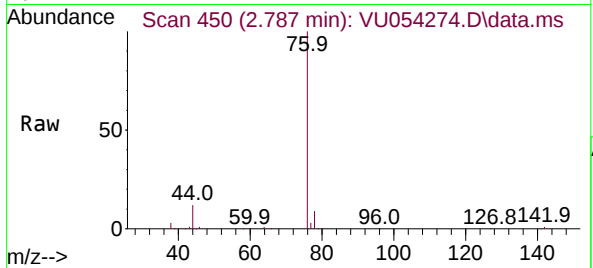




#17
Carbon Disulfide
Concen: 45.068 ug/l
RT: 2.787 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

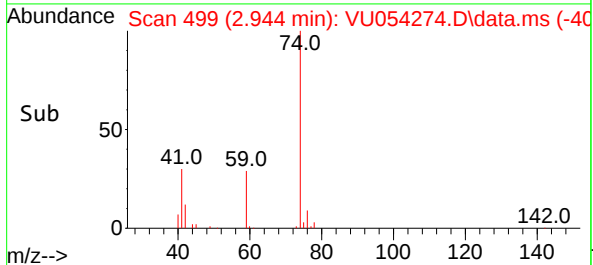
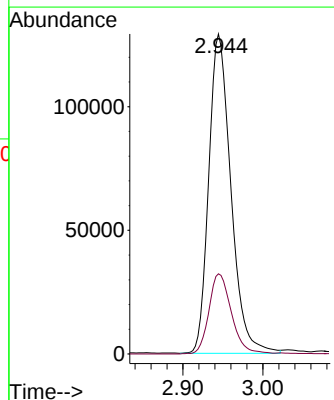
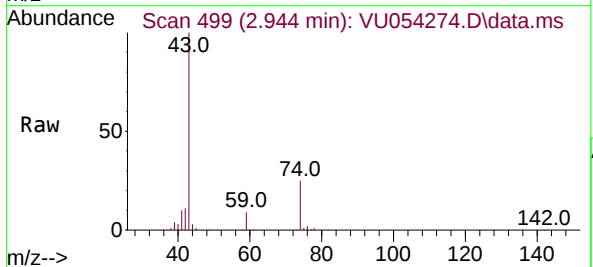
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

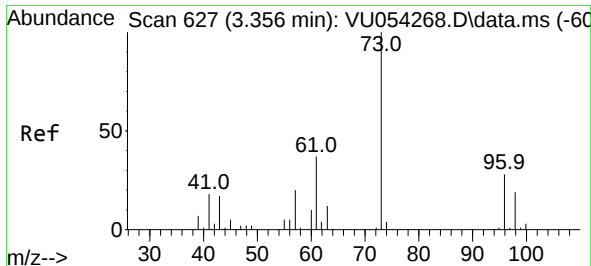
Tgt Ion: 76 Resp: 248504
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 52.260 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 43 Resp: 248705
Ion Ratio Lower Upper
43 100
74 25.5 22.5 33.7

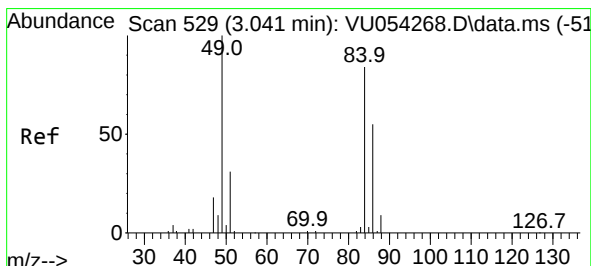
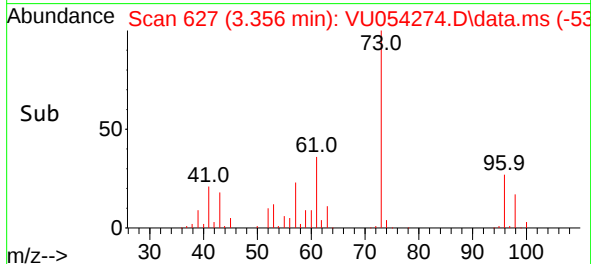
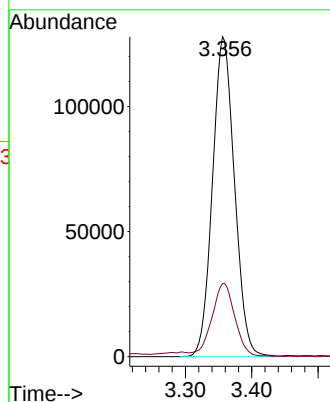
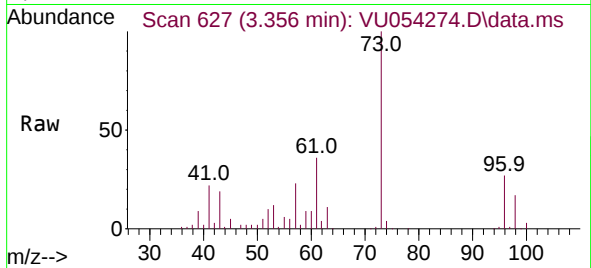




#19
Methyl tert-butyl Ether
Concen: 48.261 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

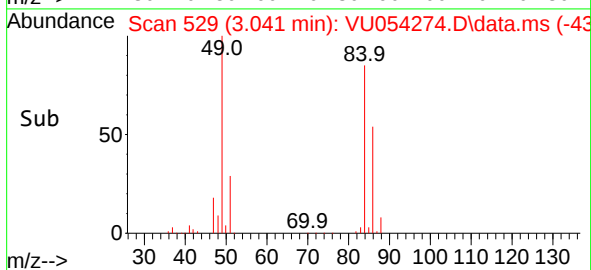
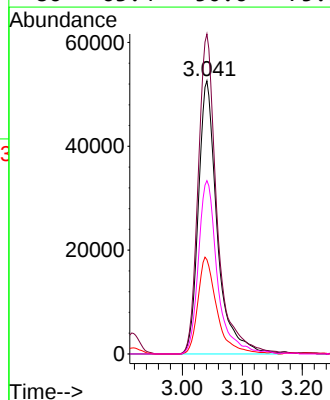
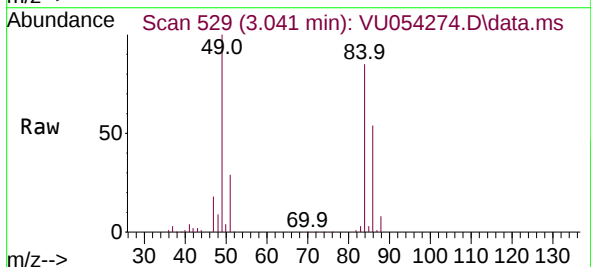
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

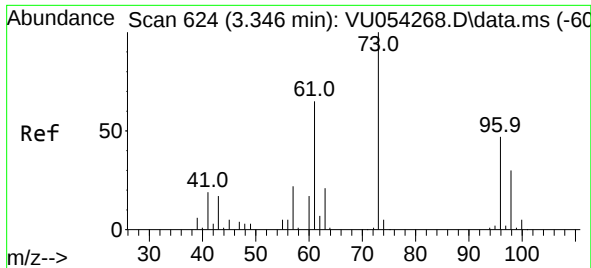
Tgt Ion: 73 Resp: 294749
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 49.115 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 84 Resp: 115489
Ion Ratio Lower Upper
84 100
49 117.1 86.6 129.8
51 34.5 26.6 40.0
86 63.4 50.6 75.8

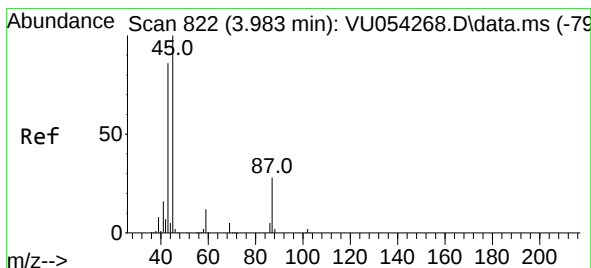
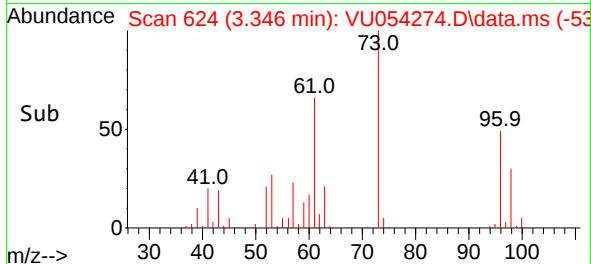
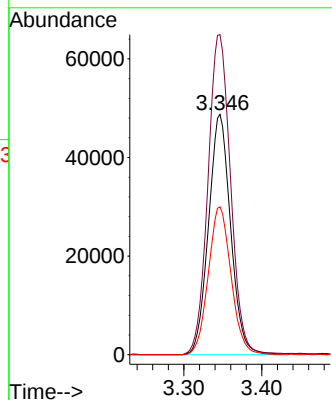
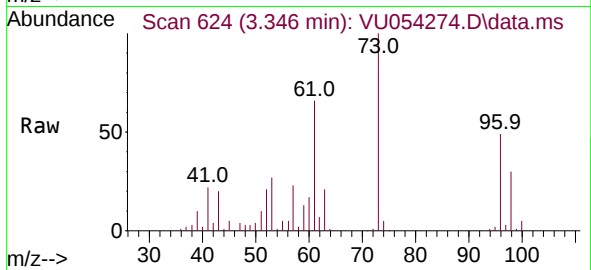




#21
trans-1,2-Dichloroethene
Concen: 48.154 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

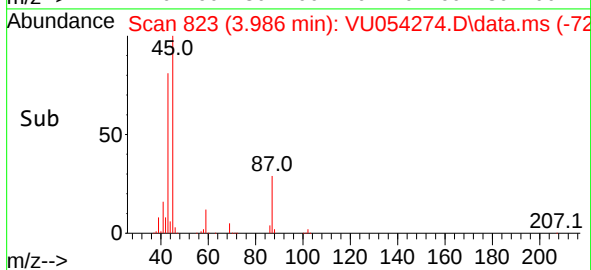
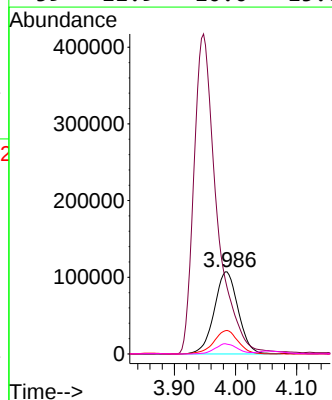
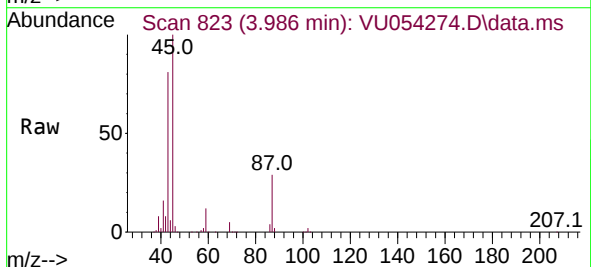
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MSVOA_U
ClientSampleId :
VSTDCCC050

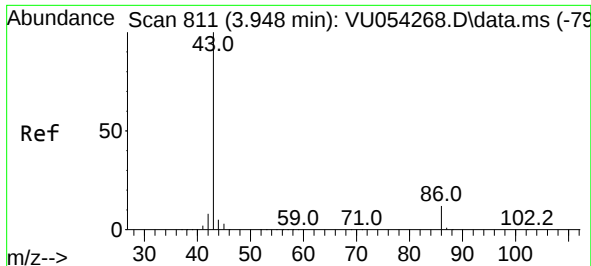
Tgt Ion: 96 Resp: 96188
Ion Ratio Lower Upper
96 100
61 133.2 106.1 159.1
98 61.5 50.8 76.2



#22
Diisopropyl ether
Concen: 50.661 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 45 Resp: 290480
Ion Ratio Lower Upper
45 100
43 79.3 92.9 139.3#
87 28.6 26.2 39.2
59 11.9 10.0 15.0

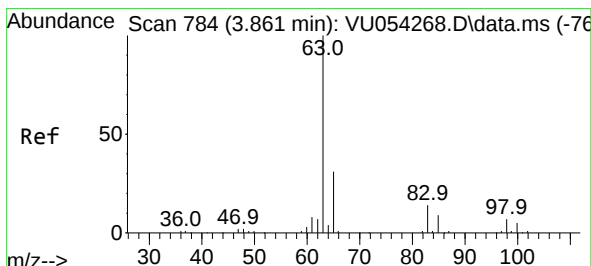
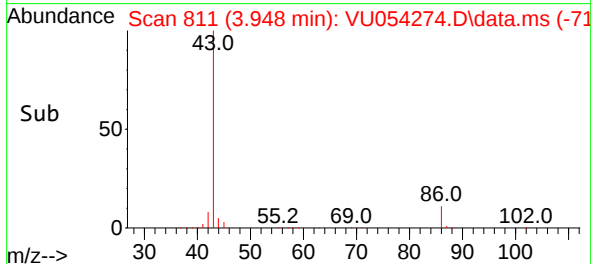
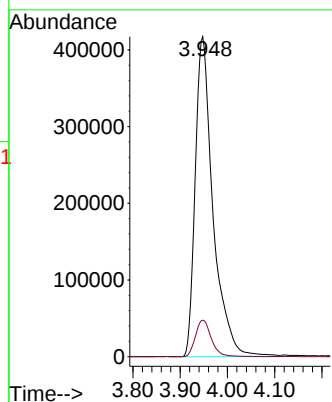
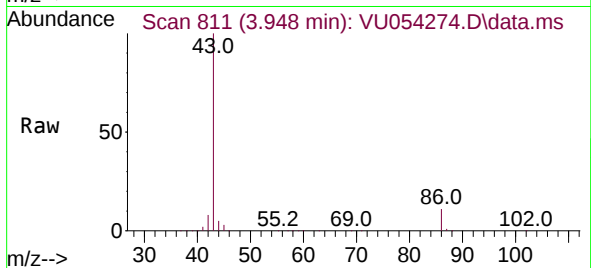




#23
 Vinyl Acetate
 Concen: 260.705 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054274.D
 Acq: 26 May 2023 10:08

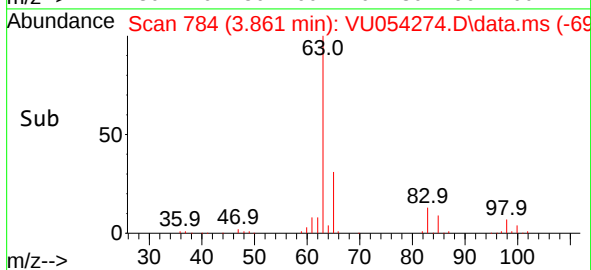
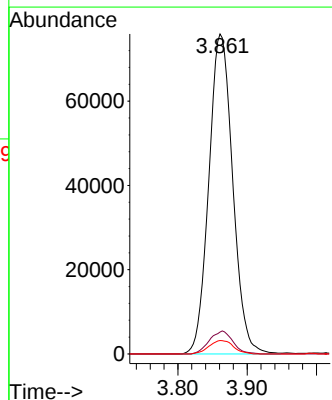
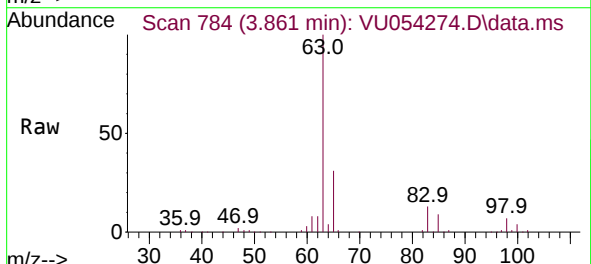
Instrument :
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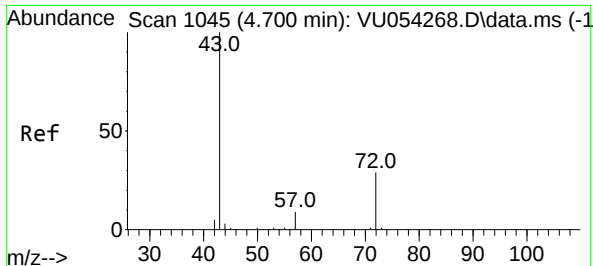
Tgt Ion: 43 Resp: 1090759
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 49.491 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054274.D
 Acq: 26 May 2023 10:08

Tgt Ion: 63 Resp: 181706
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 292.064 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

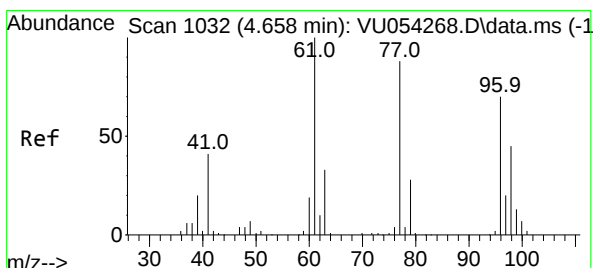
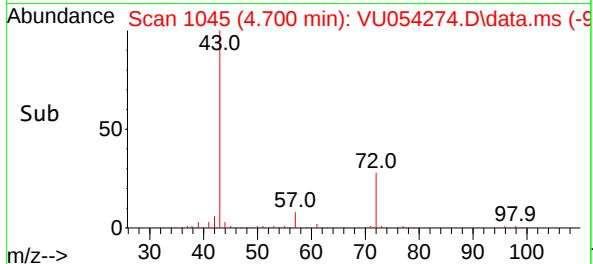
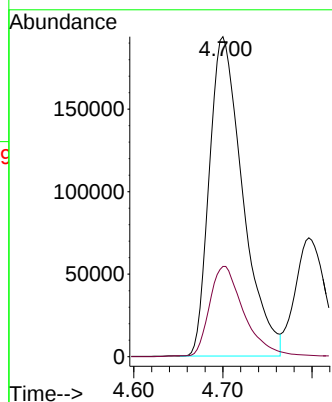
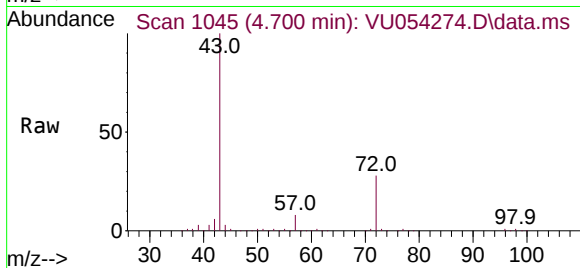
VSTDCCC050

Tgt Ion: 43 Resp: 504008

Ion Ratio Lower Upper

43 100

72 28.0 23.8 35.6



#26

2,2-Dichloropropane

Concen: 46.448 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.003 min

Lab File: VU054274.D

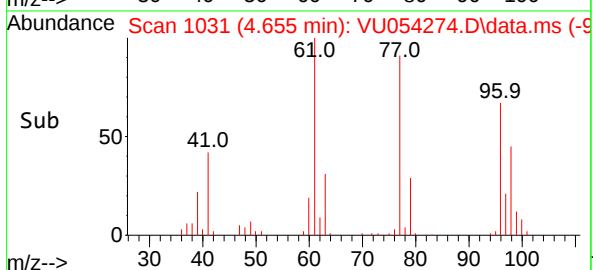
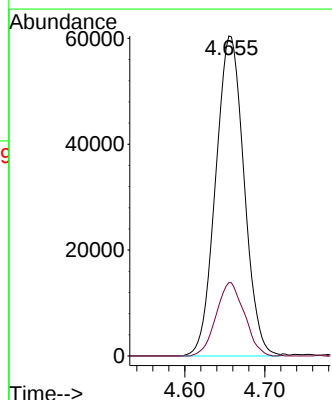
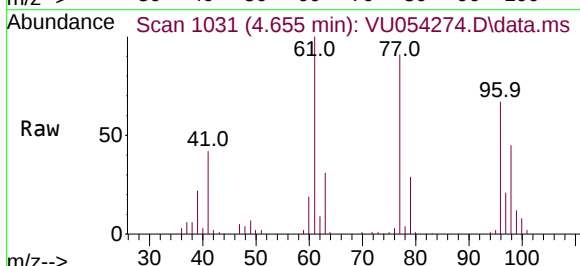
Acq: 26 May 2023 10:08

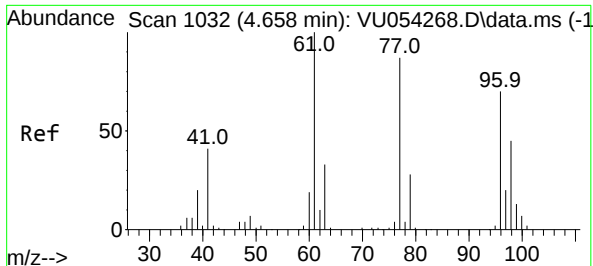
Tgt Ion: 77 Resp: 149031

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8

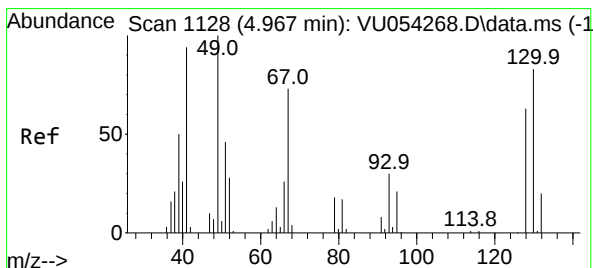
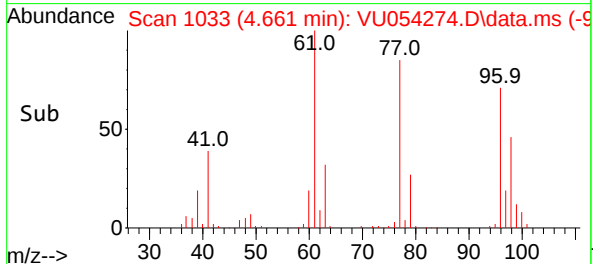
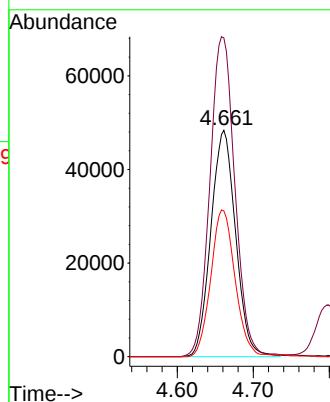
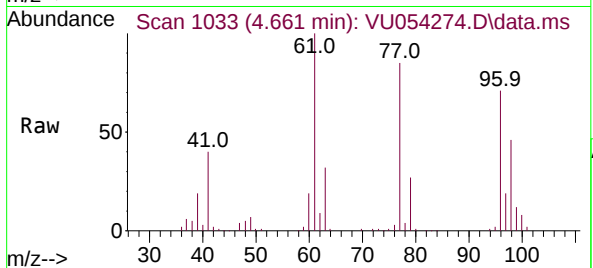




#27
 cis-1,2-Dichloroethene
 Concen: 49.257 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU054274.D
 Acq: 26 May 2023 10:08

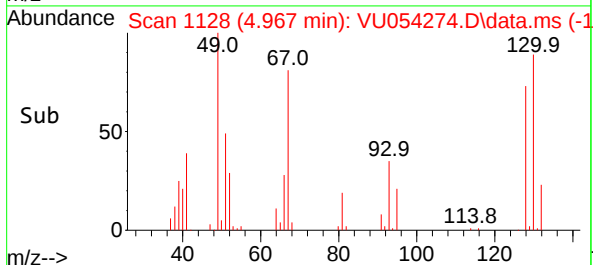
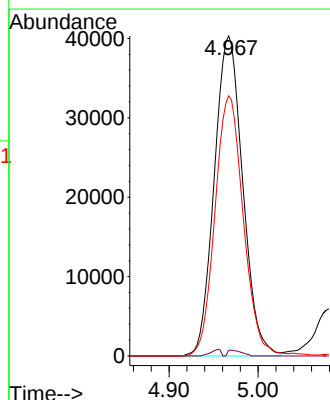
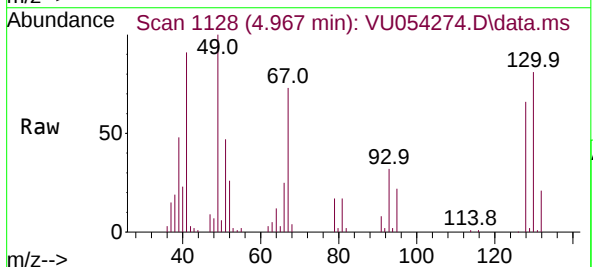
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

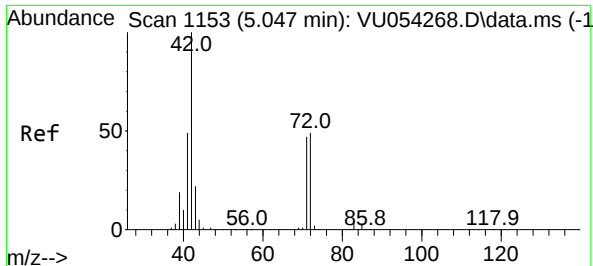
Tgt Ion: 96 Resp: 109454
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 271.6
 98 63.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 52.605 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VU054274.D
 Acq: 26 May 2023 10:08

Tgt Ion: 49 Resp: 89374
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 80.8 76.9 115.3





#29

Tetrahydrofuran

Concen: 274.551 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

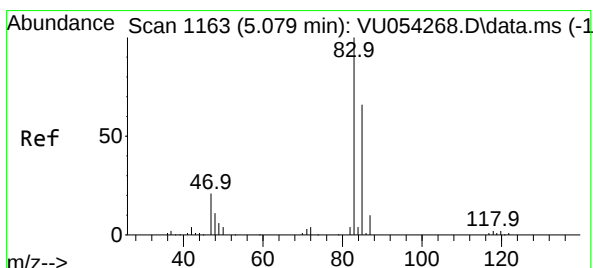
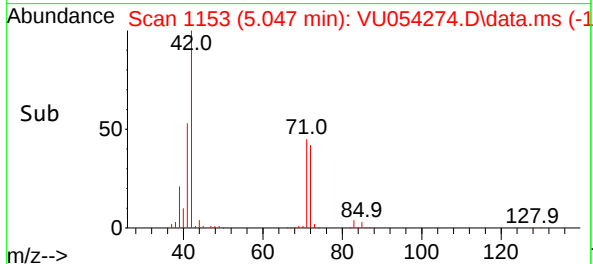
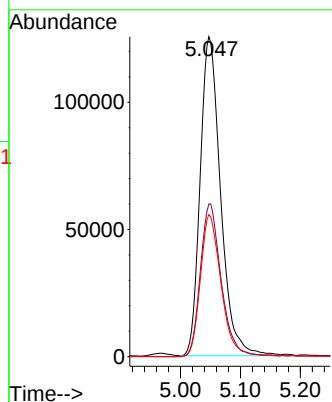
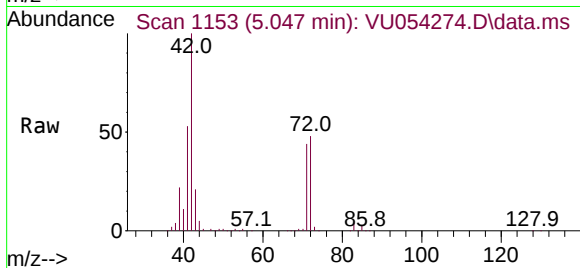
Tgt Ion: 42 Resp: 297812

Ion Ratio Lower Upper

42 100

72 48.6 42.6 63.8

71 44.8 40.3 60.5



#30

Chloroform

Concen: 47.670 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054274.D

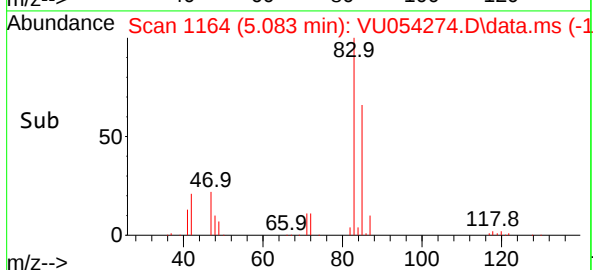
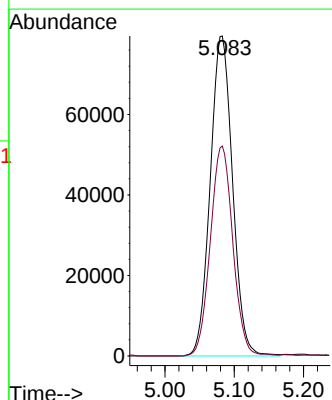
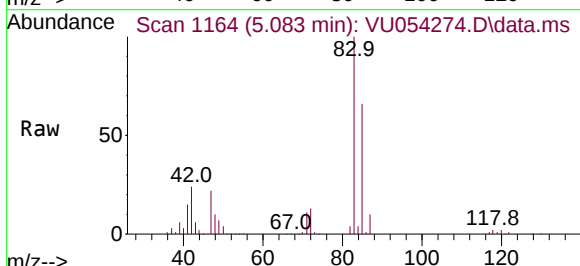
Acq: 26 May 2023 10:08

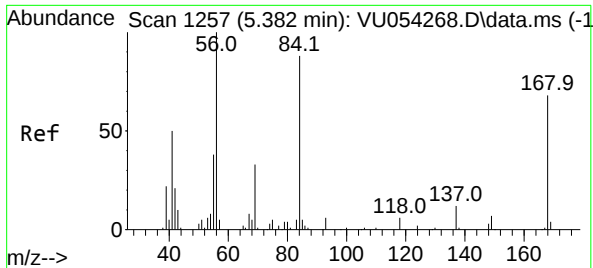
Tgt Ion: 83 Resp: 177912

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

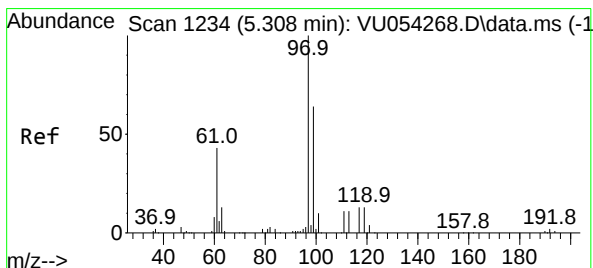
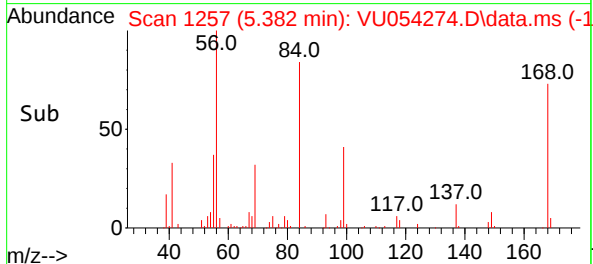
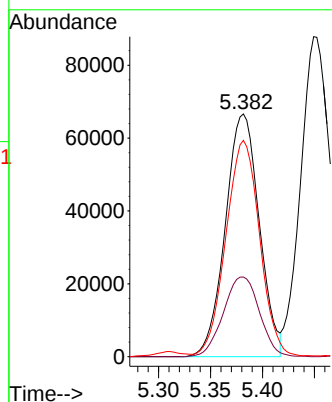
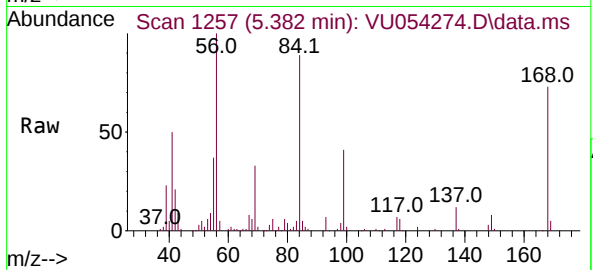




#31
Cyclohexane
Concen: 47.121 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

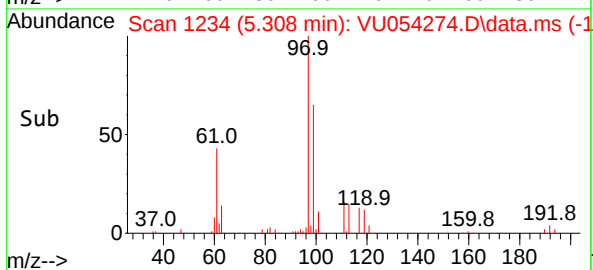
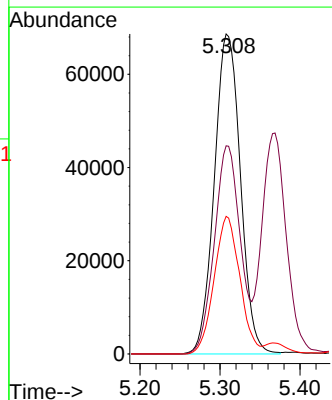
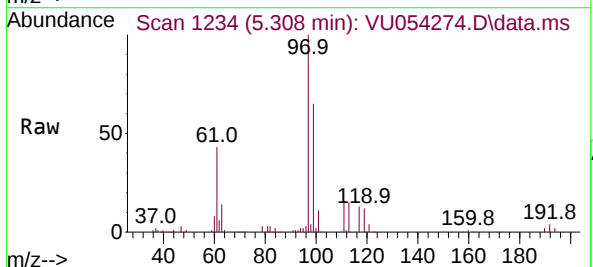
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

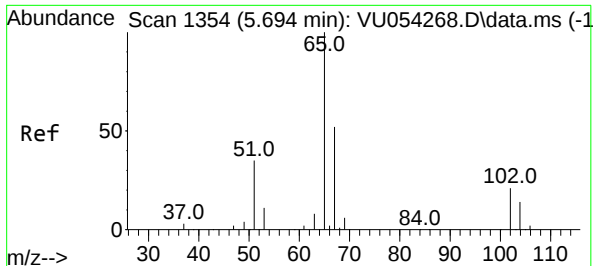
Tgt Ion: 56 Resp: 151292
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.8
84 87.8 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.071 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 97 Resp: 155754
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.963 ug/l

RT: 5.693 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

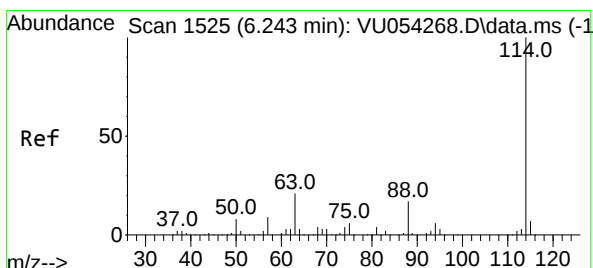
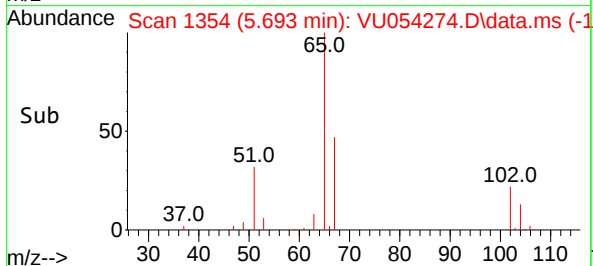
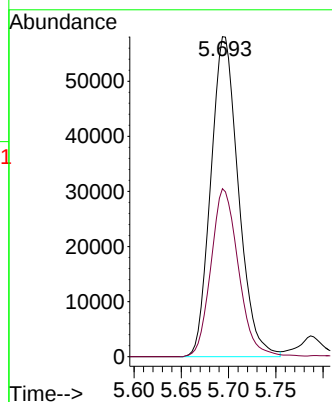
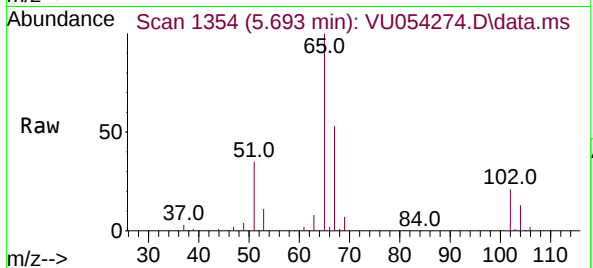
VSTDCCC050

Tgt Ion: 65 Resp: 118156

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

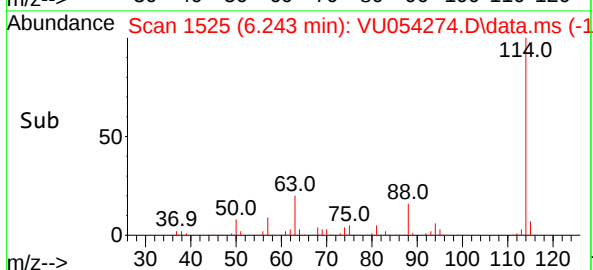
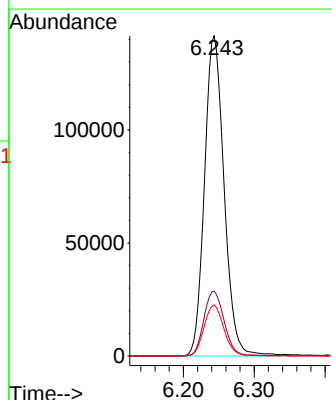
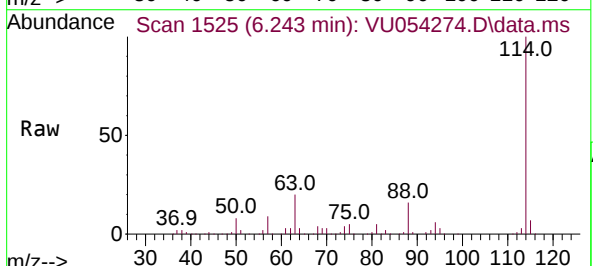
Tgt Ion: 114 Resp: 271594

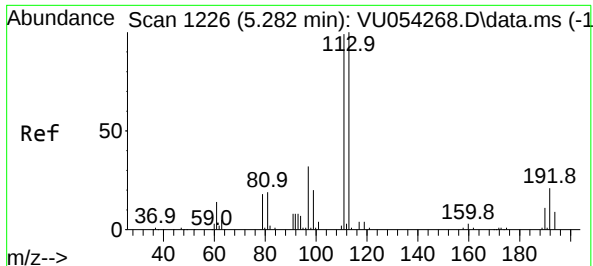
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.8

88 15.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.681 ug/l

RT: 5.282 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

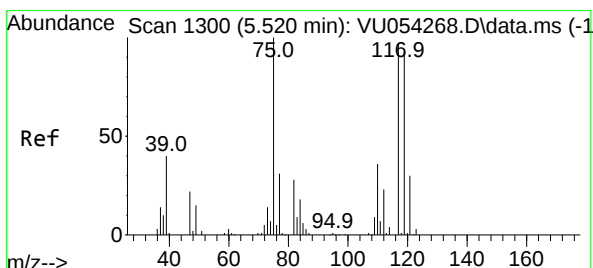
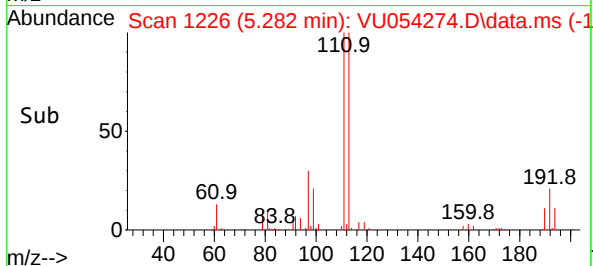
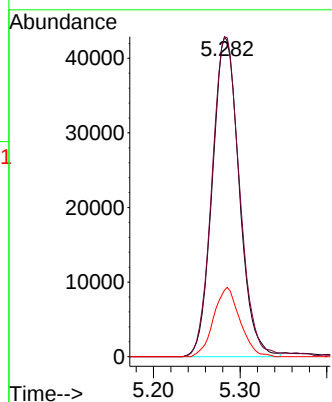
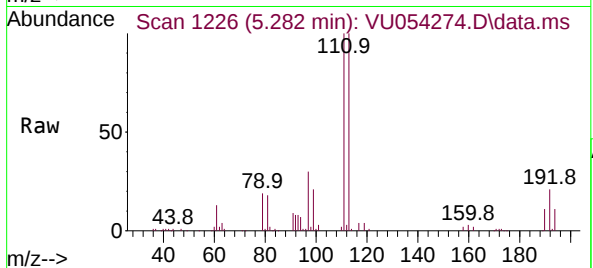
Tgt Ion:113 Resp: 92139

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 21.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 47.165 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

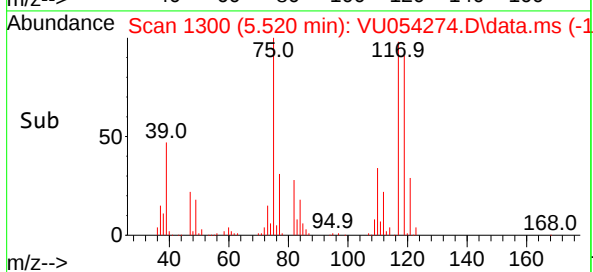
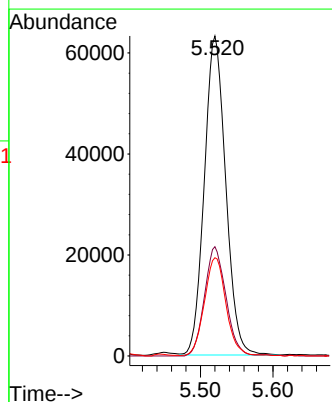
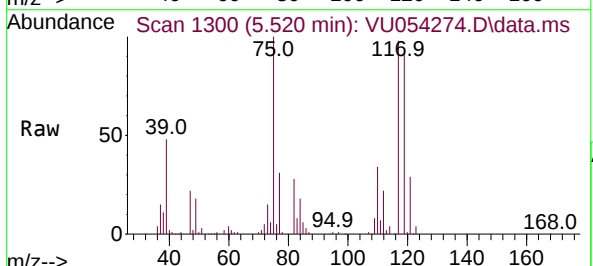
Tgt Ion: 75 Resp: 129568

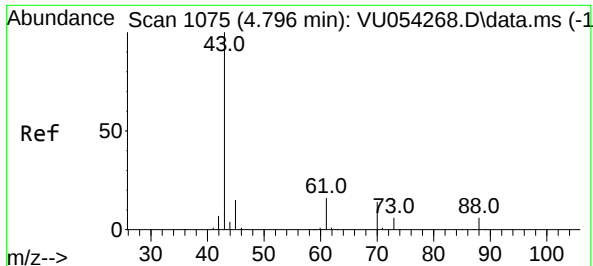
Ion Ratio Lower Upper

75 100

110 34.2 18.4 55.2

77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 51.438 ug/l

RT: 4.796 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

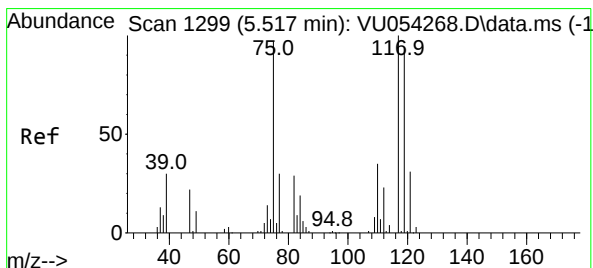
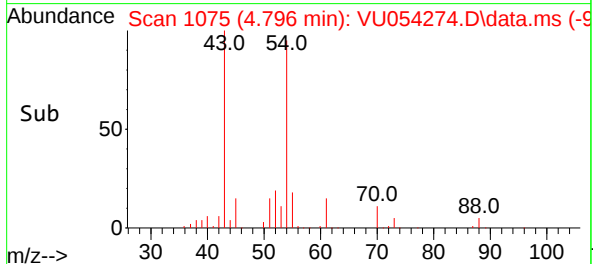
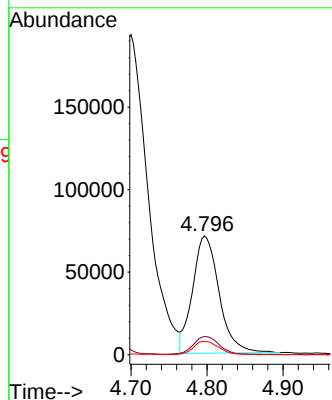
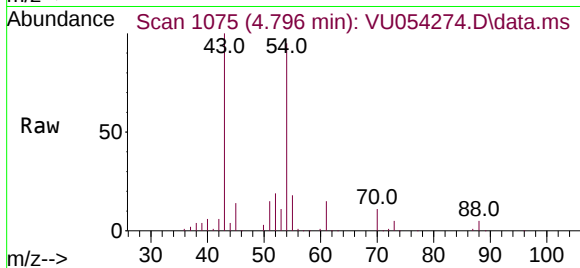
Tgt Ion: 43 Resp: 172212

Ion Ratio Lower Upper

43 100

61 14.5 9.5 14.3#

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 48.254 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

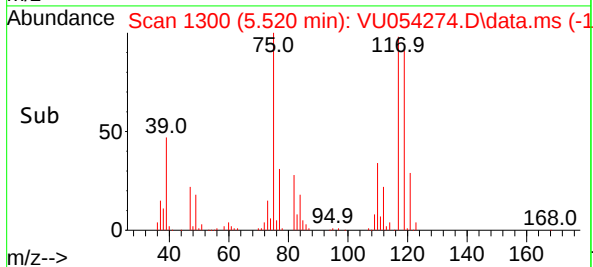
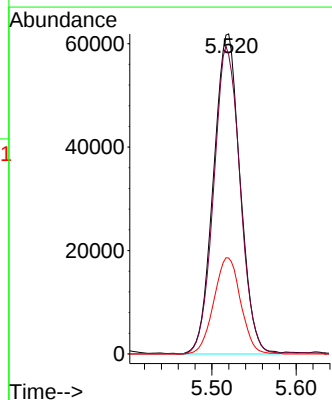
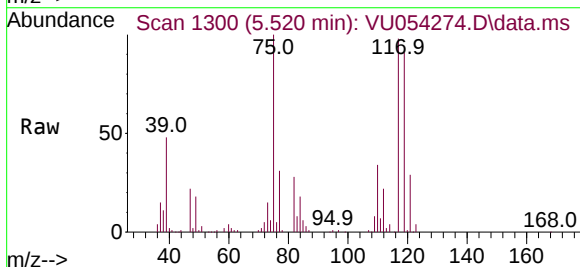
Tgt Ion: 117 Resp: 135681

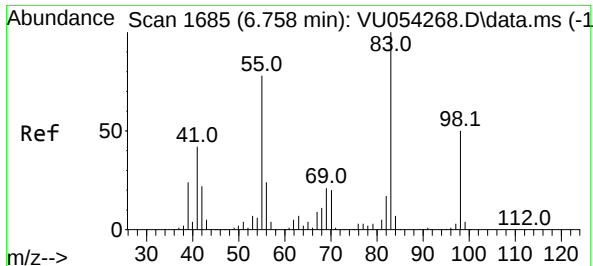
Ion Ratio Lower Upper

117 100

119 93.5 76.8 115.2

121 30.0 24.7 37.1





#39

Methylcyclohexane

Concen: 48.904 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

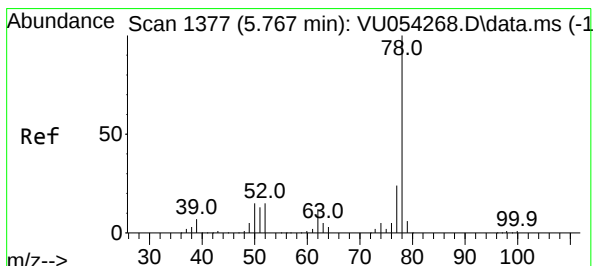
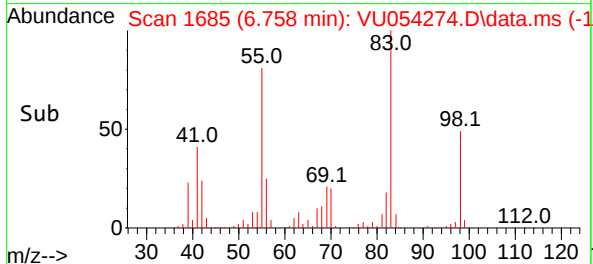
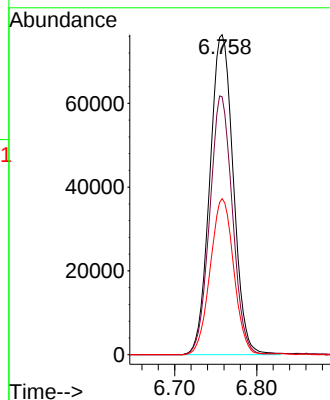
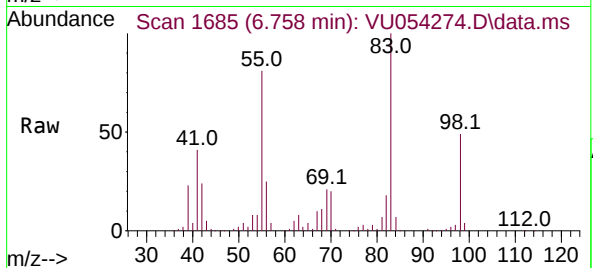
Tgt Ion: 83 Resp: 152167

Ion Ratio Lower Upper

83 100

55 80.6 55.3 82.9

98 48.8 37.3 55.9



#40

Benzene

Concen: 49.865 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VU054274.D

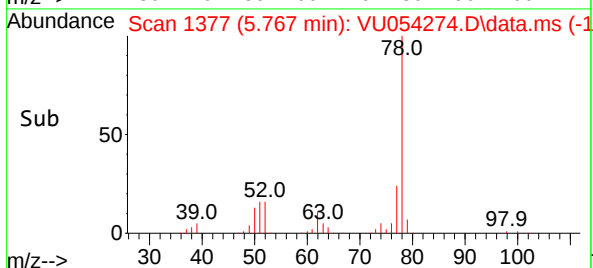
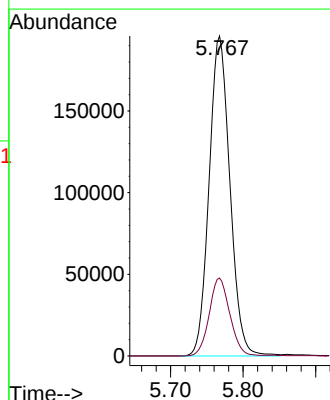
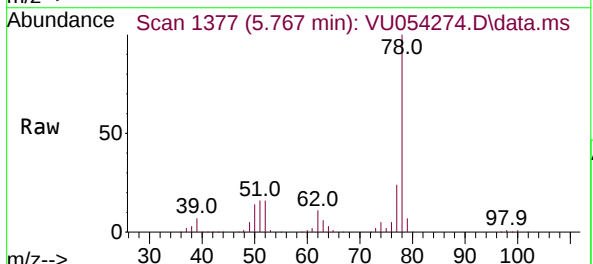
Acq: 26 May 2023 10:08

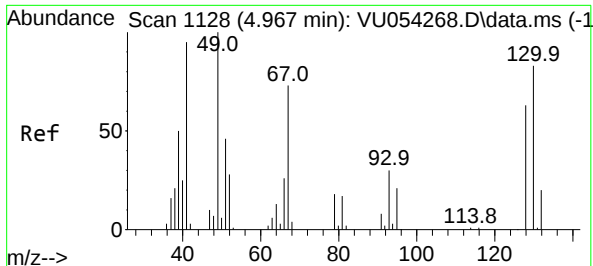
Tgt Ion: 78 Resp: 390733

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2



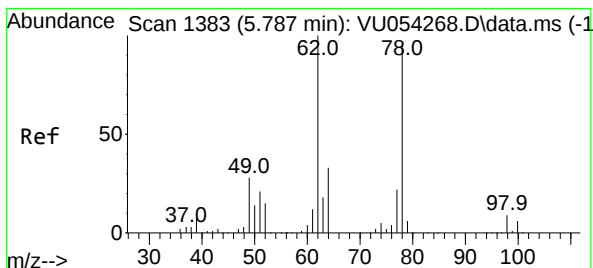
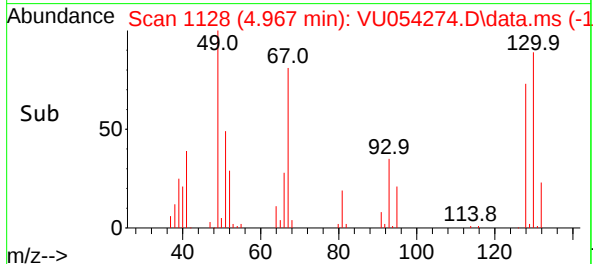
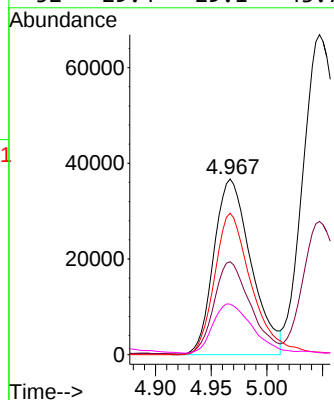
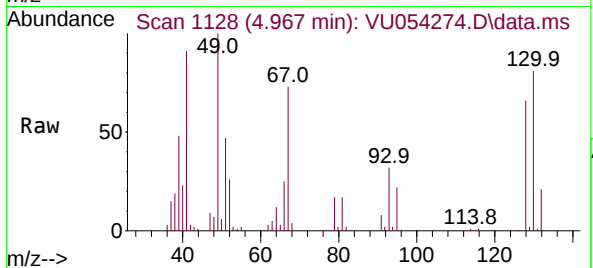


#41
Methacrylonitrile
Concen: 55.288 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 85548

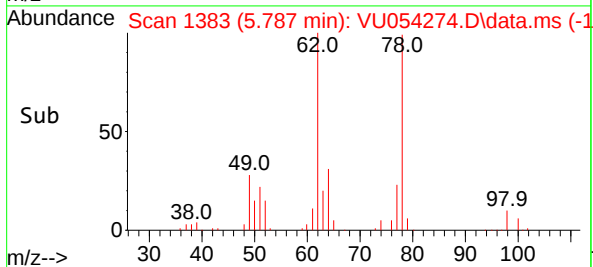
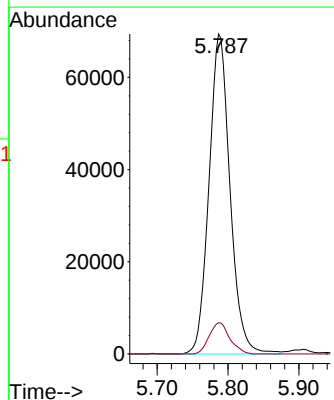
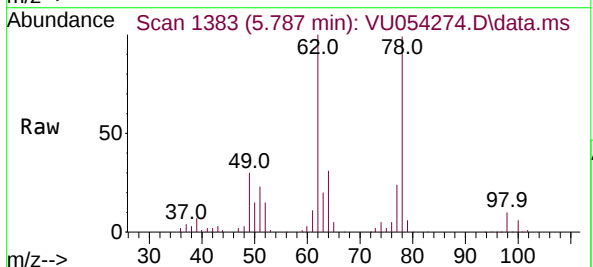
Ion	Ratio	Lower	Upper
41	100		
39	51.2	43.1	64.7
67	80.7	72.3	108.5
52	29.4	29.1	43.7

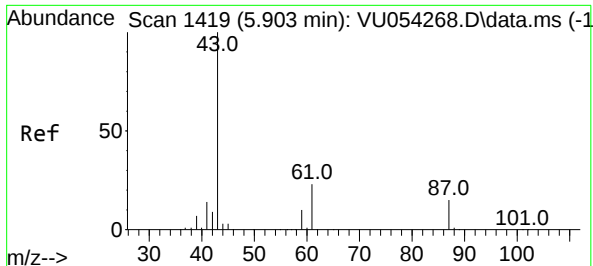


#42
1,2-Dichloroethane
Concen: 50.194 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 62 Resp: 142877

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6

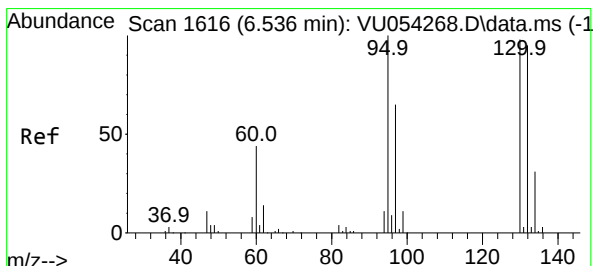
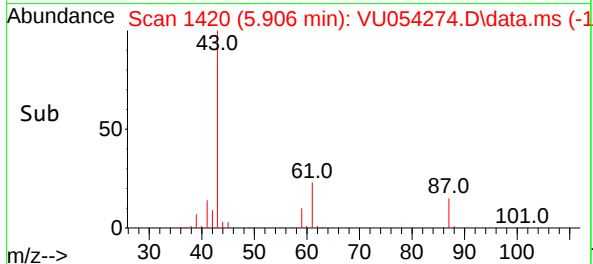
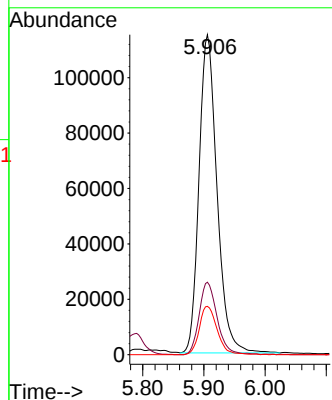
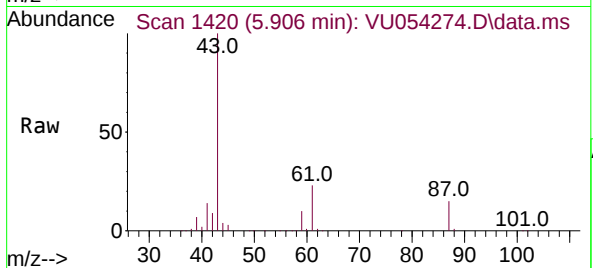




#43
Isopropyl Acetate
Concen: 50.802 ug/l
RT: 5.906 min Scan# 1419
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

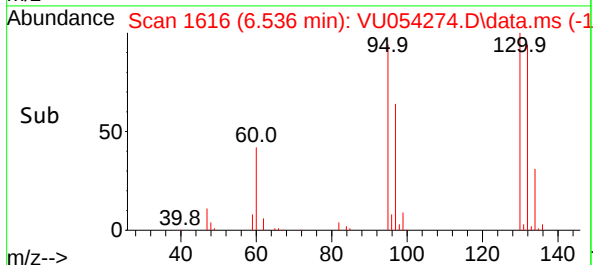
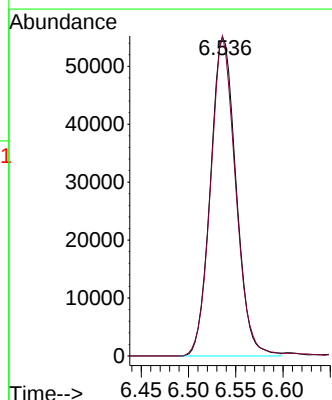
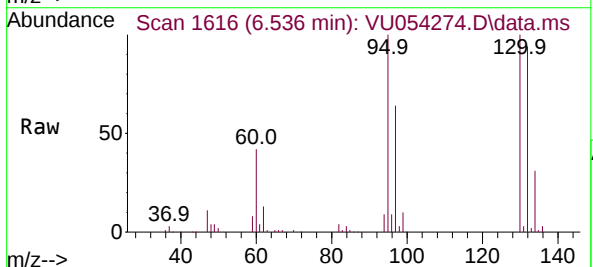
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

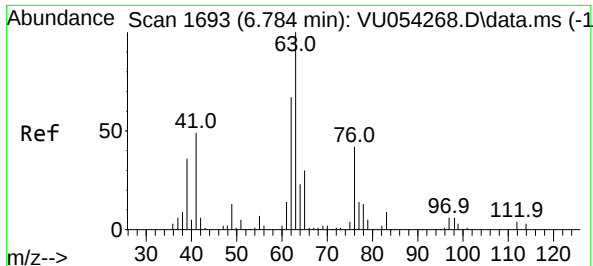
Tgt Ion: 43 Resp: 234601
Ion Ratio Lower Upper
43 100
61 22.8 17.4 26.0
87 15.0 12.6 18.8



#44
Trichloroethene
Concen: 47.287 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:130 Resp: 103578
Ion Ratio Lower Upper
130 100
95 100.3 0.0 184.6





#45

1,2-Dichloropropane

Concen: 50.628 ug/l

RT: 6.783 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

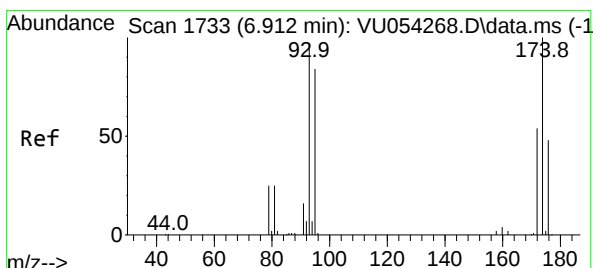
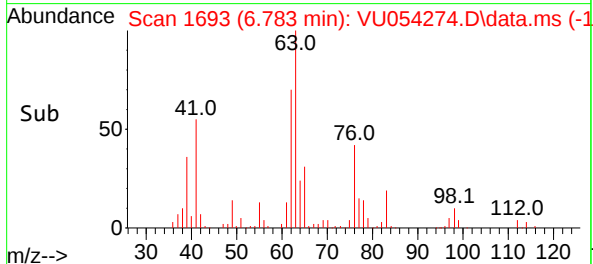
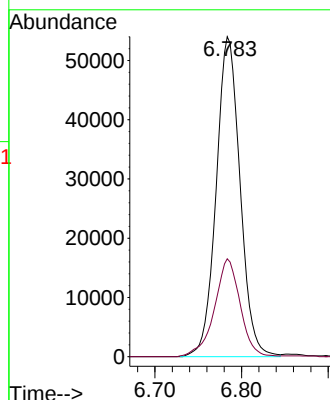
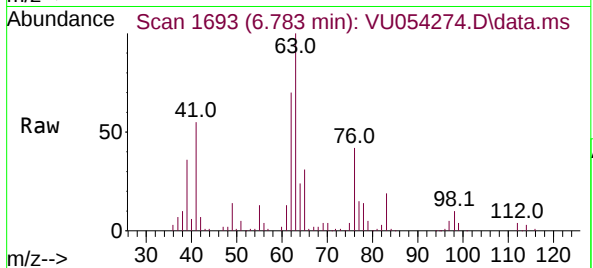
VSTDCCC050

Tgt Ion: 63 Resp: 103491

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 50.680 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

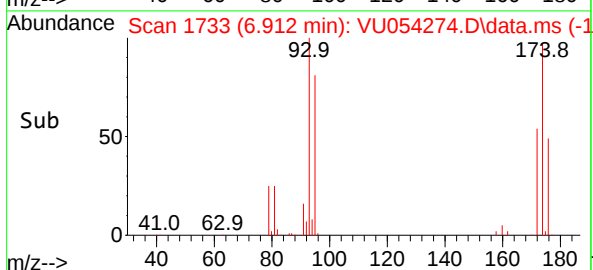
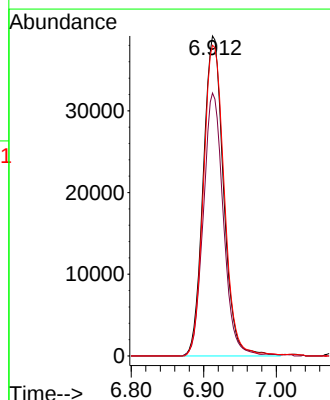
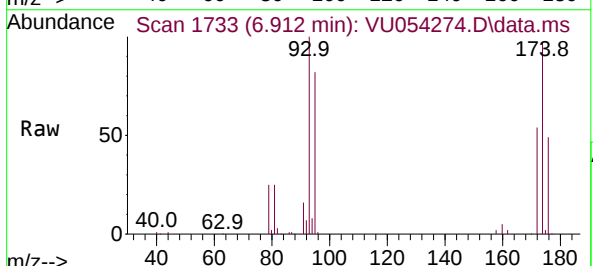
Tgt Ion: 93 Resp: 76257

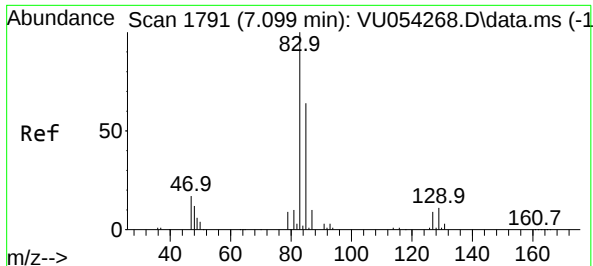
Ion Ratio Lower Upper

93 100

95 80.6 66.3 99.5

174 99.3 88.2 132.4





#47

Bromodichloromethane

Concen: 49.008 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

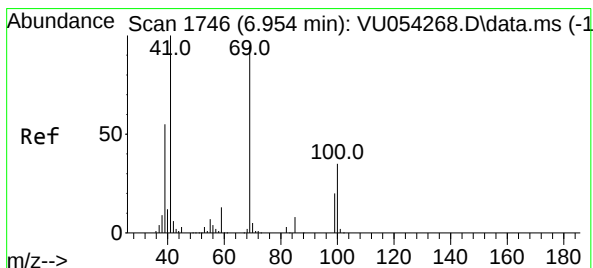
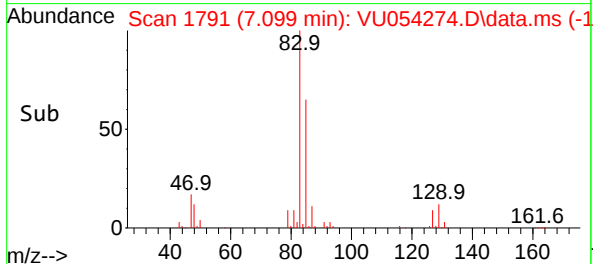
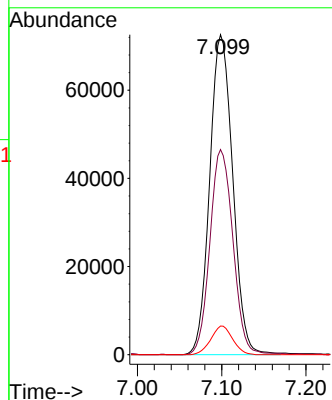
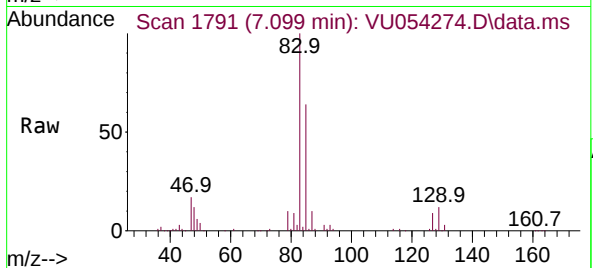
Tgt Ion: 83 Resp: 137905

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 53.294 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

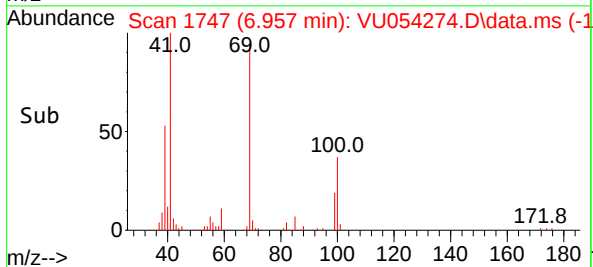
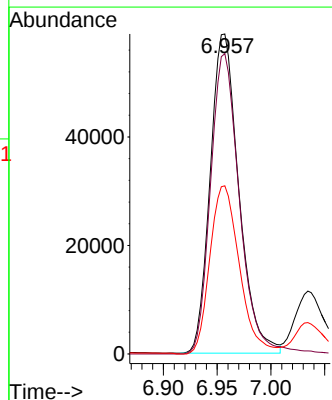
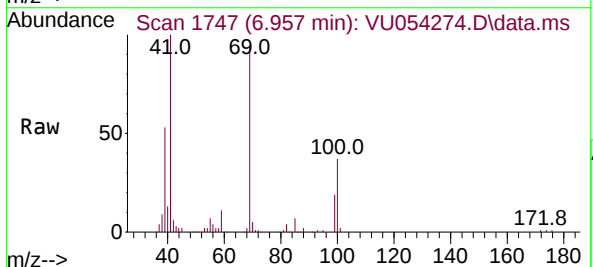
Tgt Ion: 41 Resp: 109144

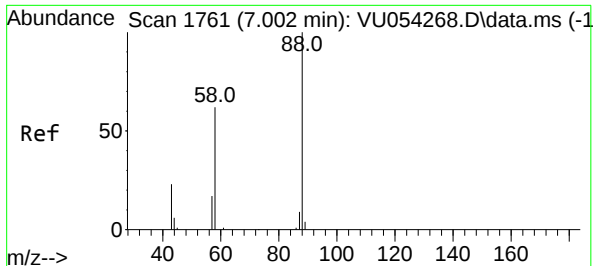
Ion Ratio Lower Upper

41 100

69 95.5 79.8 119.6

39 54.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1088.482 ug/l

RT: 7.002 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

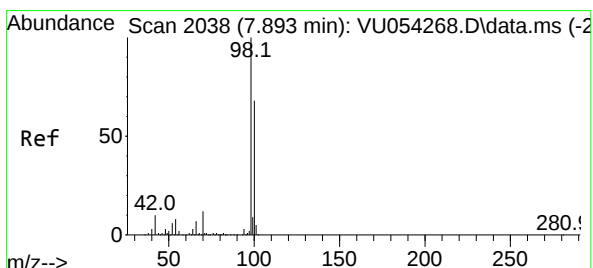
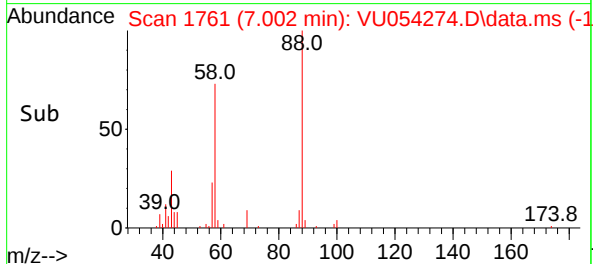
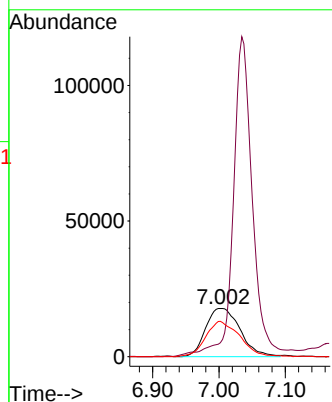
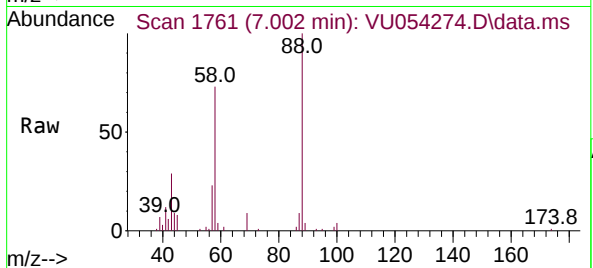
Tgt Ion: 88 Resp: 64354

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.6 15.4 23.0#



#50

Toluene-d8

Concen: 53.126 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054274.D

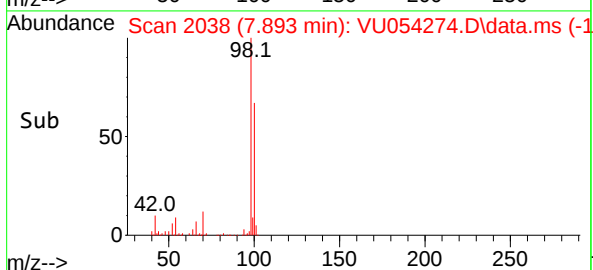
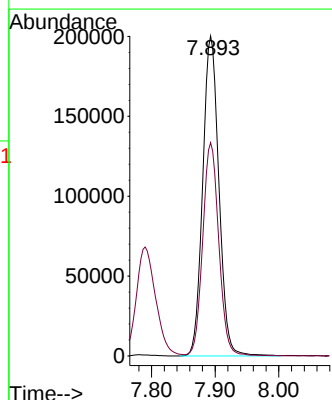
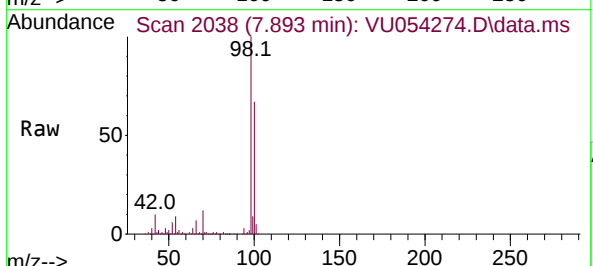
Acq: 26 May 2023 10:08

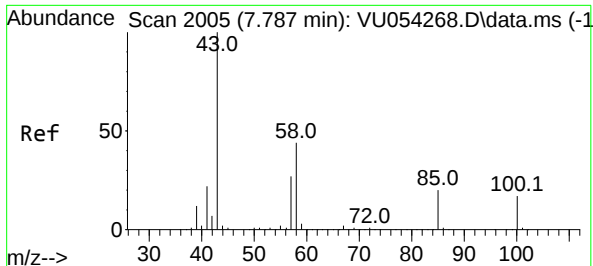
Tgt Ion: 98 Resp: 353430

Ion Ratio Lower Upper

98 100

100 66.3 51.7 77.5

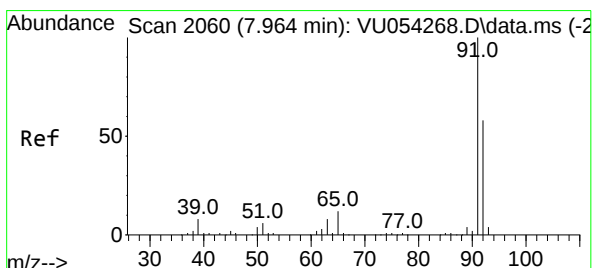
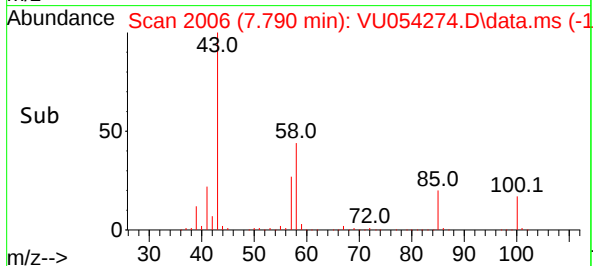
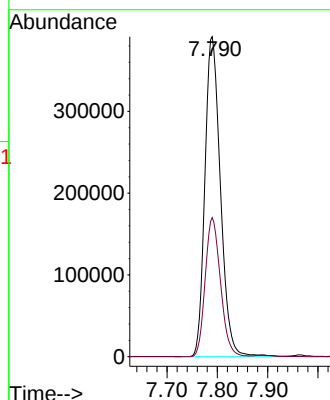
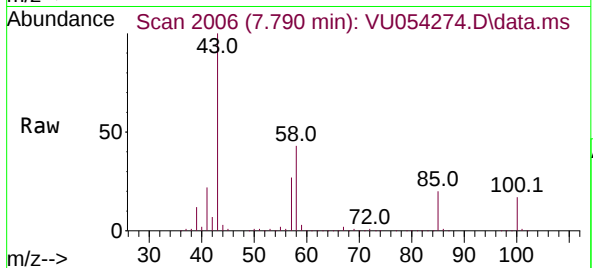




#51
4-Methyl-2-Pentanone
Concen: 273.031 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

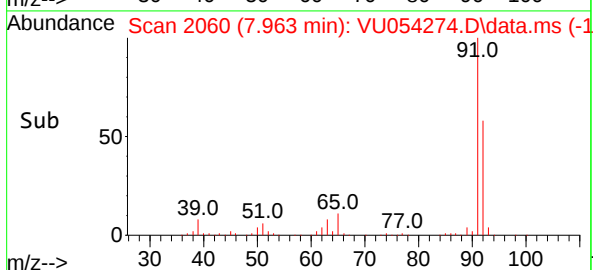
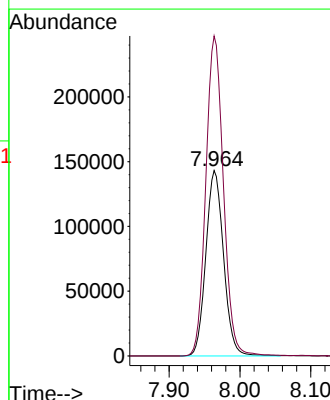
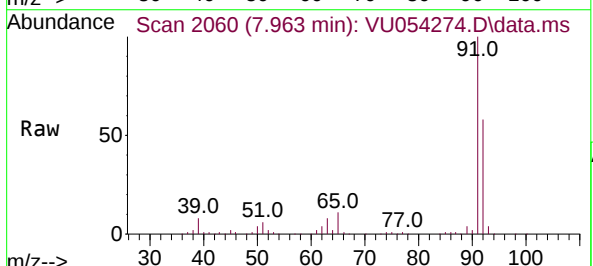
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

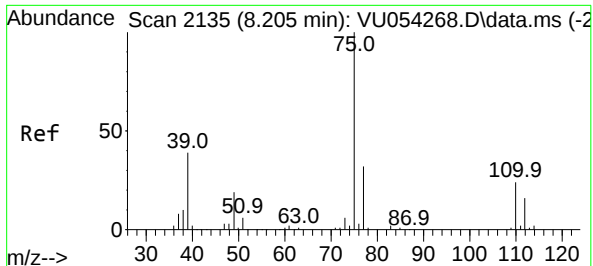
Tgt Ion: 43 Resp: 841418
Ion Ratio Lower Upper
43 100
58 42.7 34.7 52.1



#52
Toluene
Concen: 49.765 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.001 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 92 Resp: 248647
Ion Ratio Lower Upper
92 100
91 171.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 50.001 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

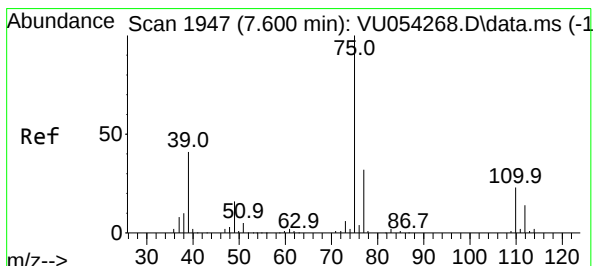
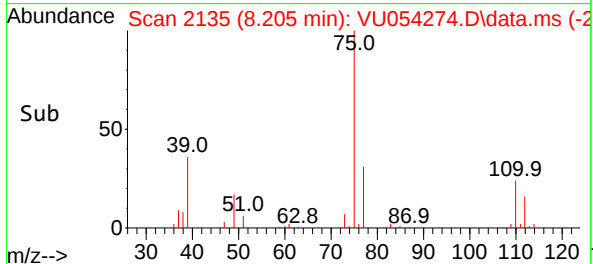
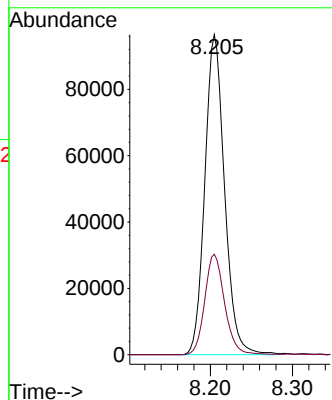
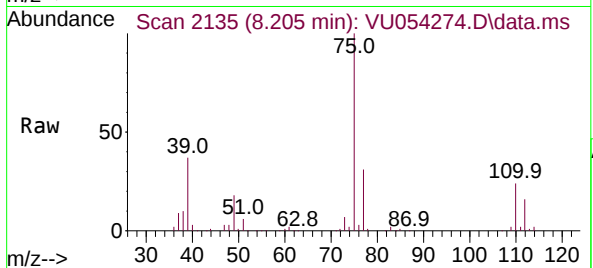
VSTDCCC050

Tgt Ion: 75 Resp: 160974

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.510 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

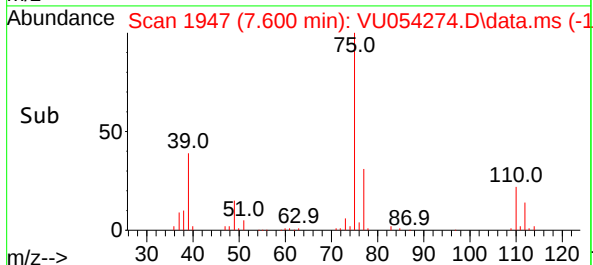
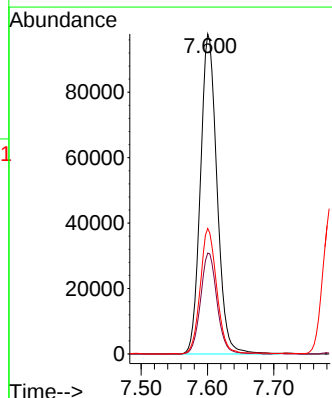
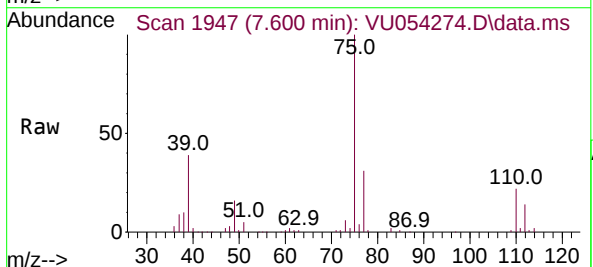
Tgt Ion: 75 Resp: 169702

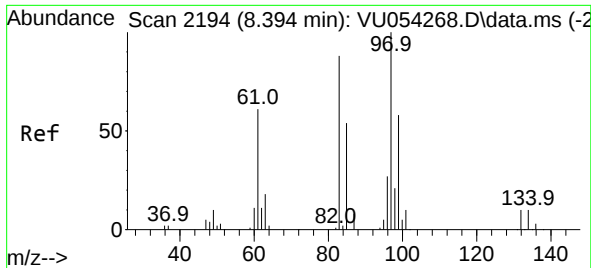
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 39.2 33.0 49.6

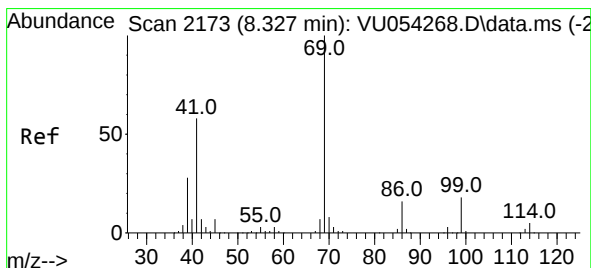
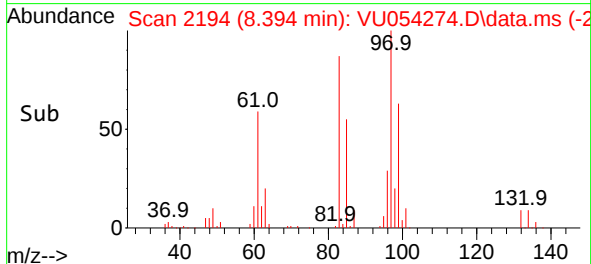
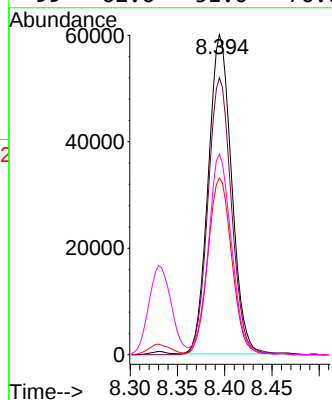
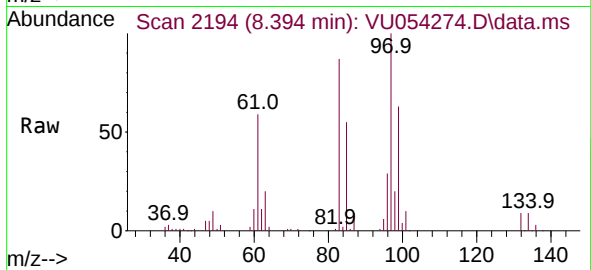




#55
1,1,2-Trichloroethane
Concen: 49.741 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

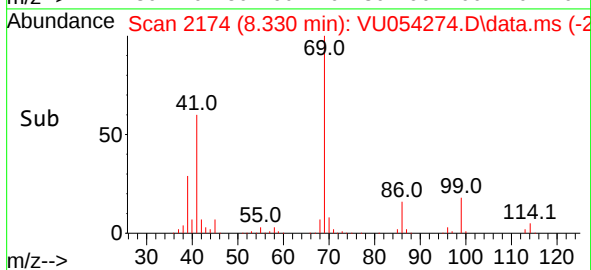
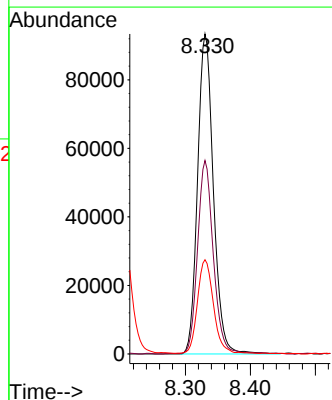
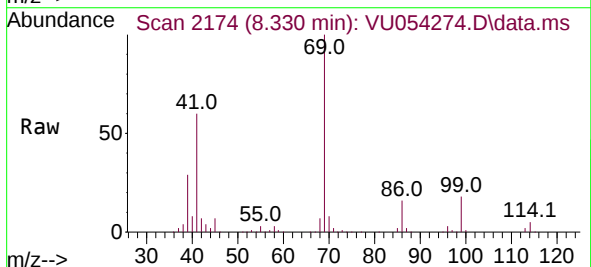
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

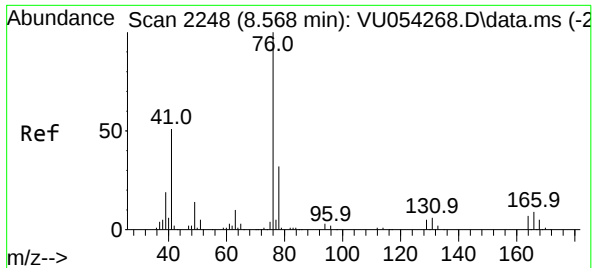
Tgt Ion:	97	Resp:	102995
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.4
85	55.1	44.6	66.8
99	62.6	51.0	76.6



#56
Ethyl methacrylate
Concen: 51.366 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:	69	Resp:	158319
Ion	Ratio	Lower	Upper
69	100		
41	59.5	45.4	68.0
39	29.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 50.326 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

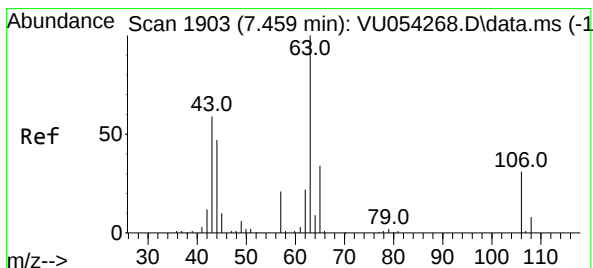
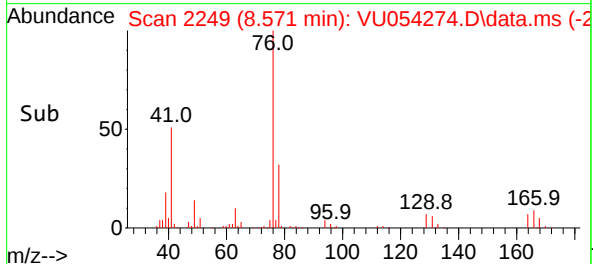
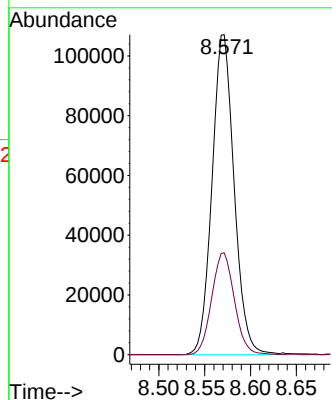
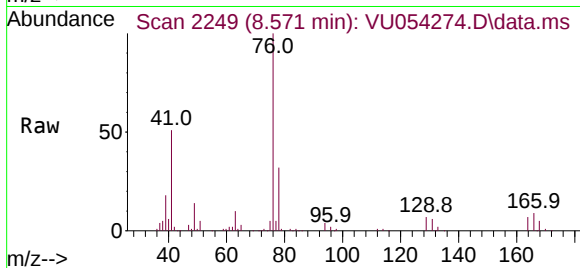
VSTDCCC050

Tgt Ion: 76 Resp: 179454

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 187.983 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054274.D

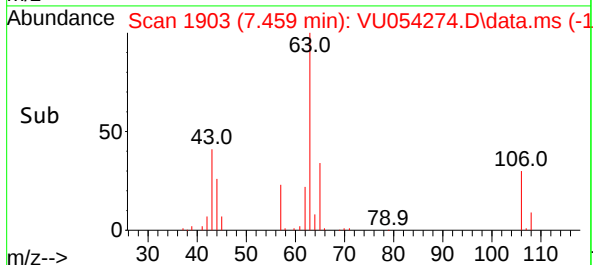
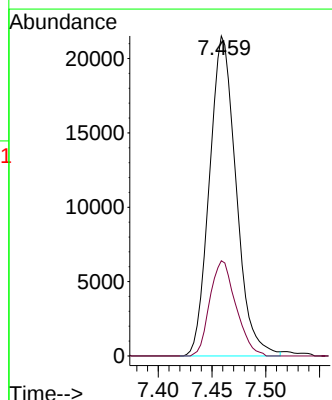
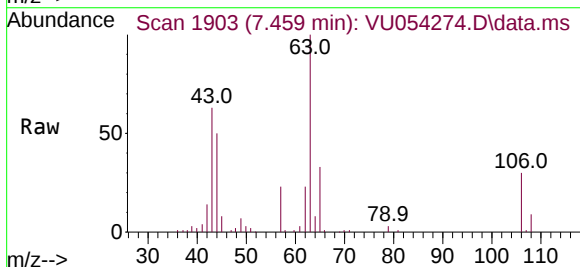
Acq: 26 May 2023 10:08

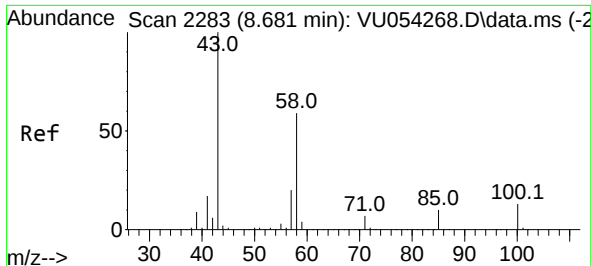
Tgt Ion: 63 Resp: 37148

Ion Ratio Lower Upper

63 100

106 29.0 23.1 34.7

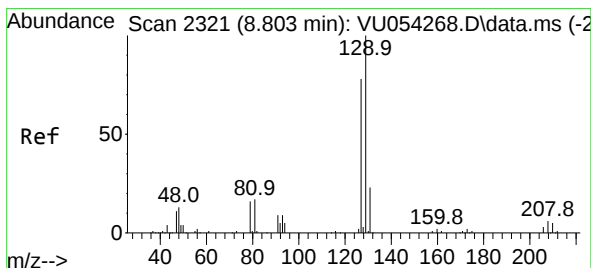
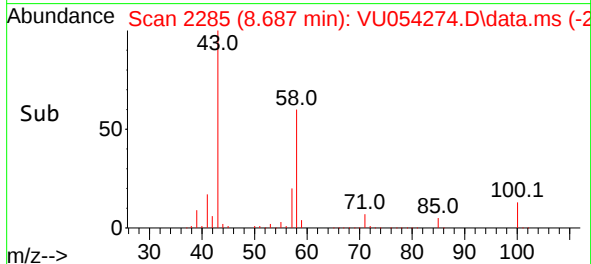
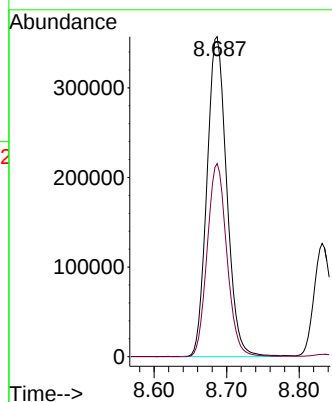
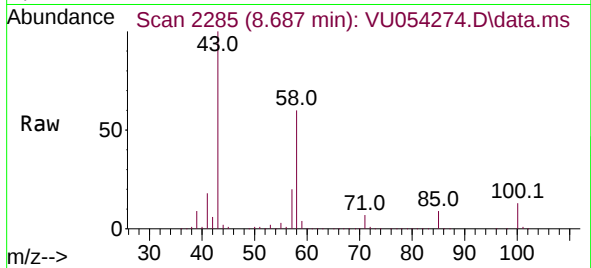




#59
2-Hexanone
Concen: 277.409 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

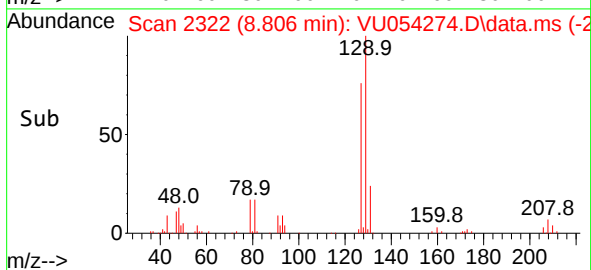
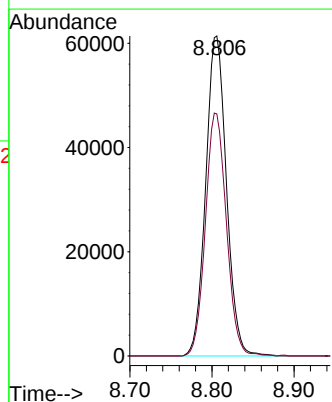
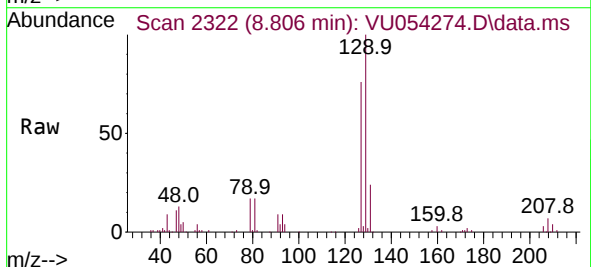
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

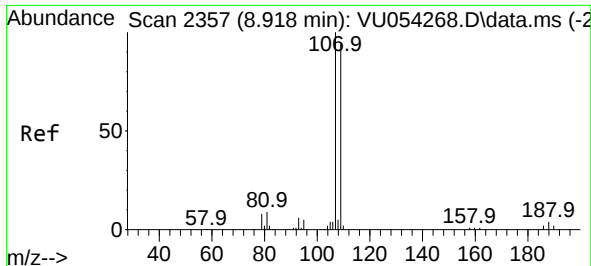
Tgt Ion: 43 Resp: 675337
Ion Ratio Lower Upper
43 100
58 60.1 30.3 90.8



#60
Dibromochloromethane
Concen: 51.183 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 129 Resp: 107676
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

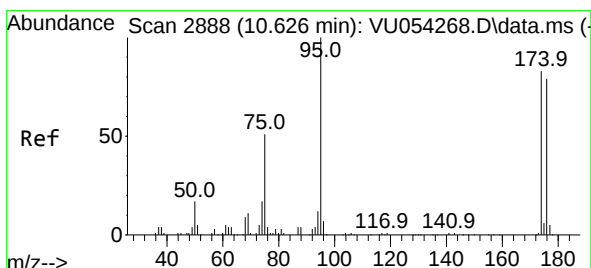
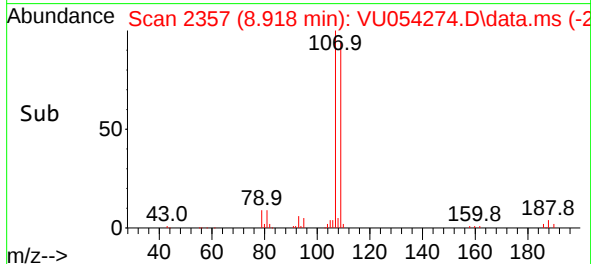
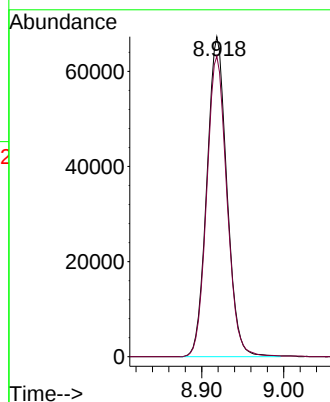
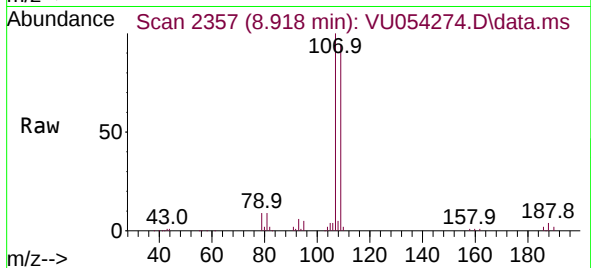




#61
1,2-Dibromoethane
Concen: 50.604 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

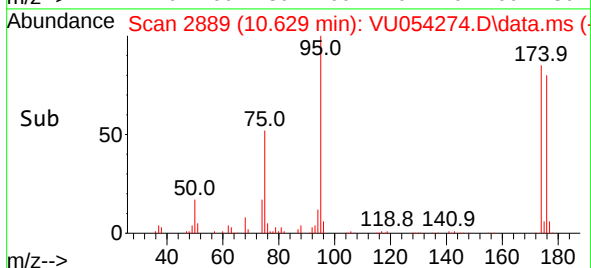
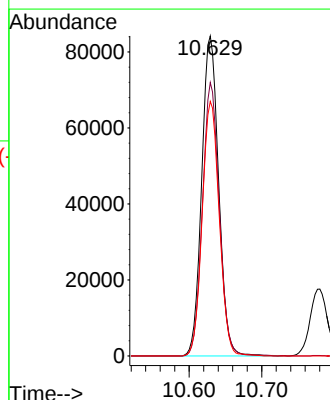
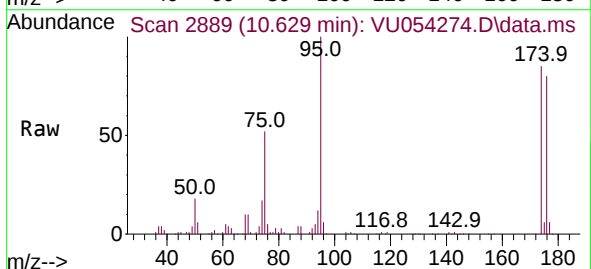
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

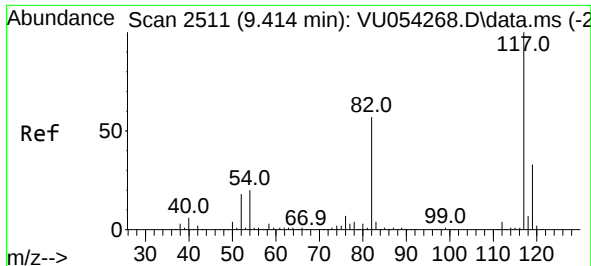
Tgt Ion:107 Resp: 114037
Ion Ratio Lower Upper
107 100
109 94.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 52.967 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 95 Resp: 136630
Ion Ratio Lower Upper
95 100
174 84.7 0.0 182.0
176 80.1 0.0 177.8

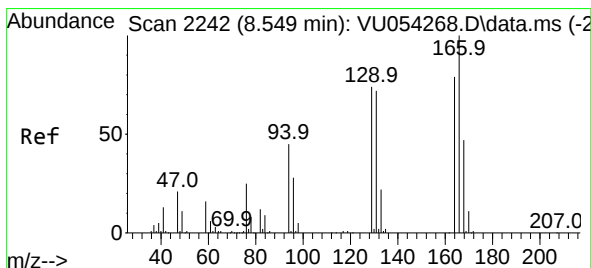
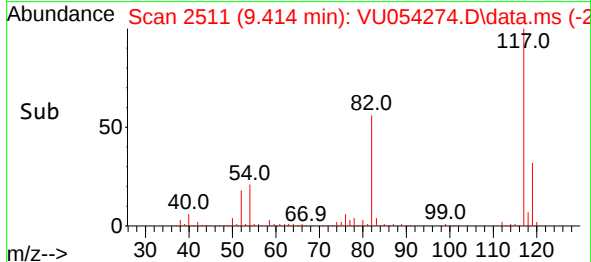
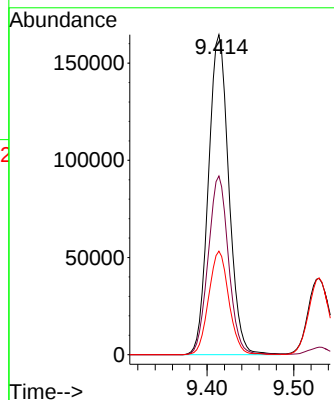
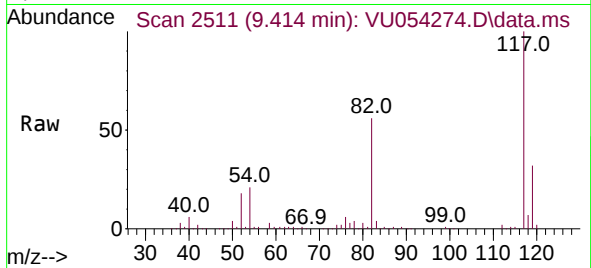




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

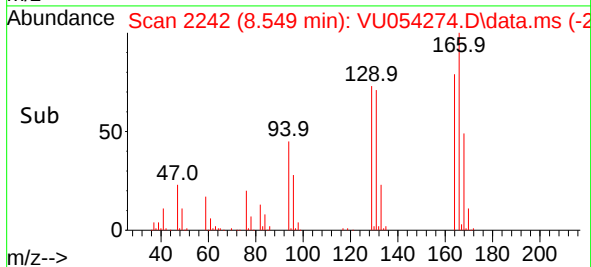
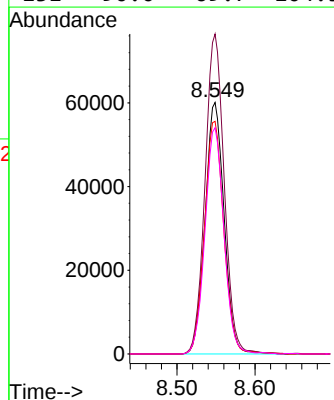
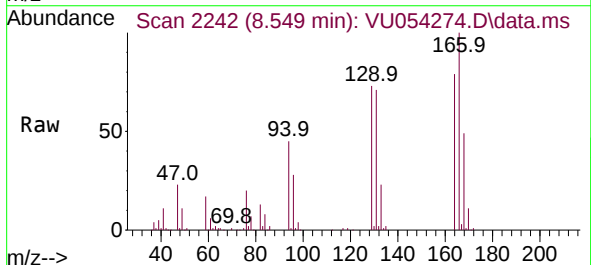
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

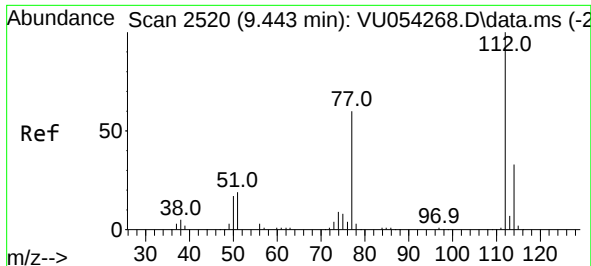
Tgt Ion:117 Resp: 268810
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 50.648 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:164 Resp: 102467
Ion Ratio Lower Upper
164 100
166 127.2 100.0 150.0
129 92.5 72.0 108.0
131 90.0 69.7 104.5

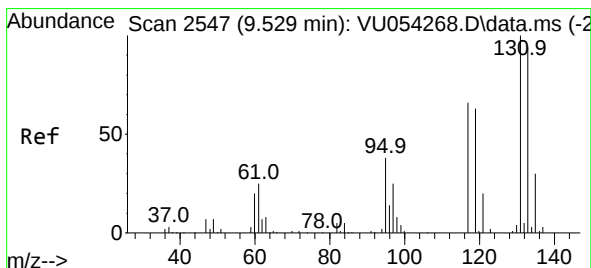
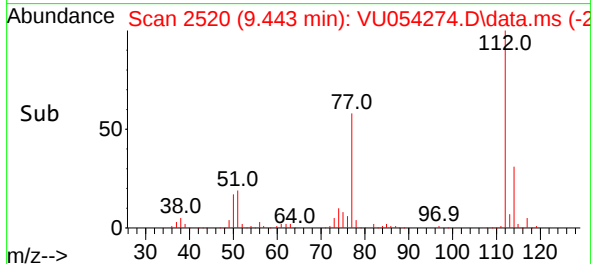
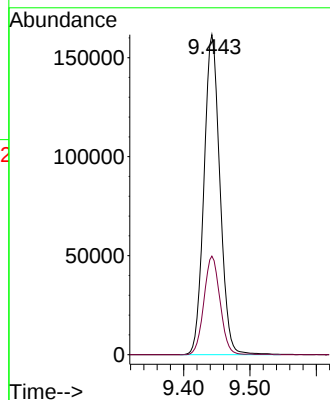
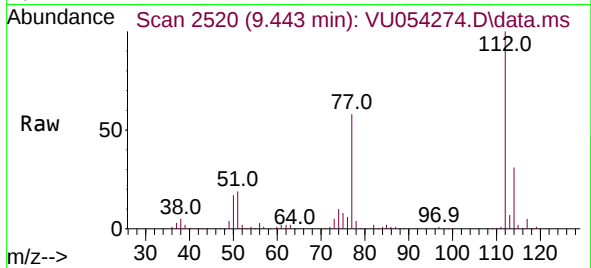




#65
Chlorobenzene
Concen: 48.055 ug/l
RT: 9.443 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

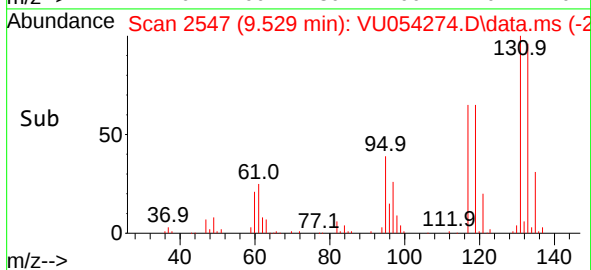
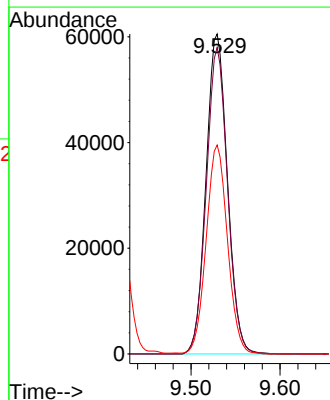
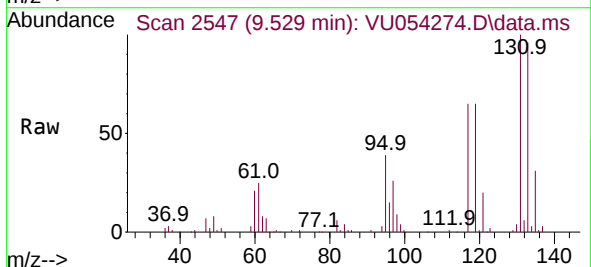
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

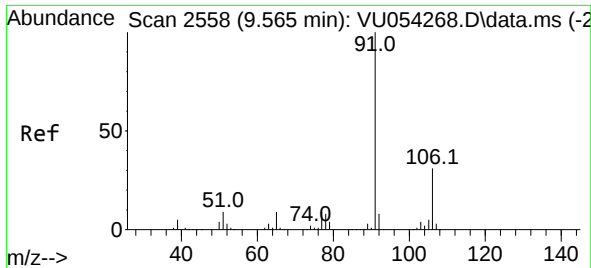
Tgt Ion:112 Resp: 270047
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.529 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:131 Resp: 100973
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 65.0 33.9 101.6

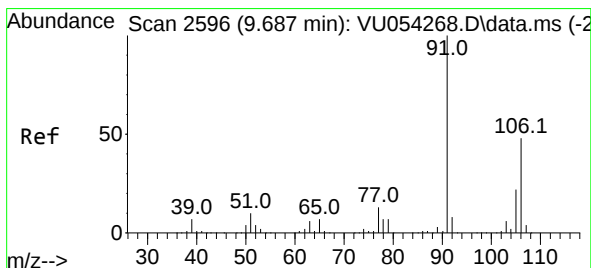
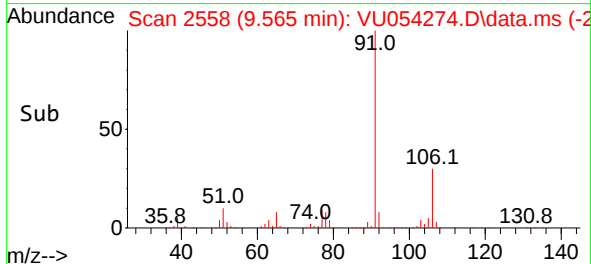
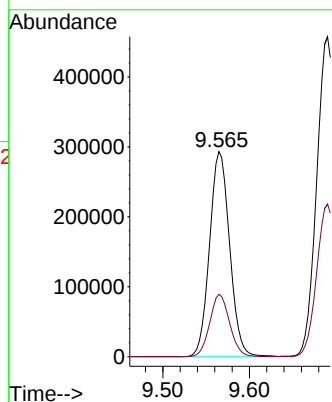
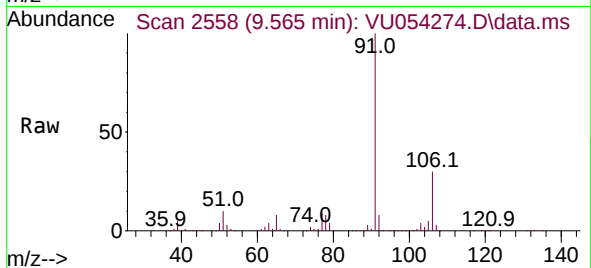




#67
Ethyl Benzene
Concen: 49.055 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

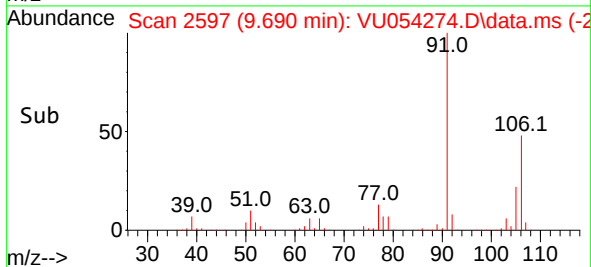
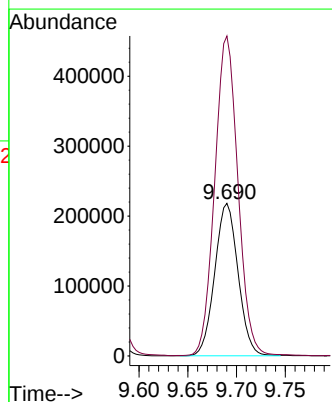
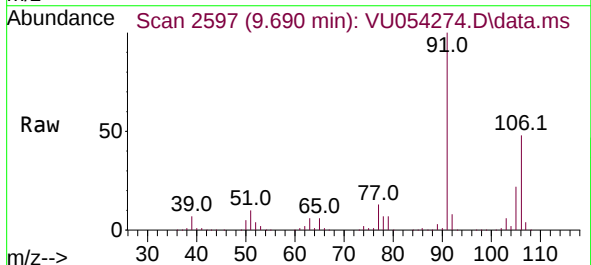
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

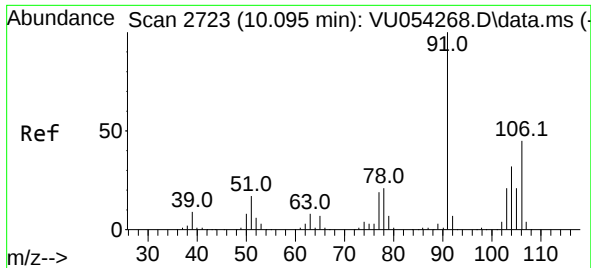
Tgt Ion: 91 Resp: 471297
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 99.522 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:106 Resp: 362430
Ion Ratio Lower Upper
106 100
91 209.2 157.2 235.8

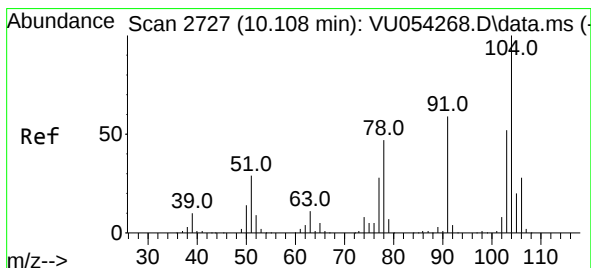
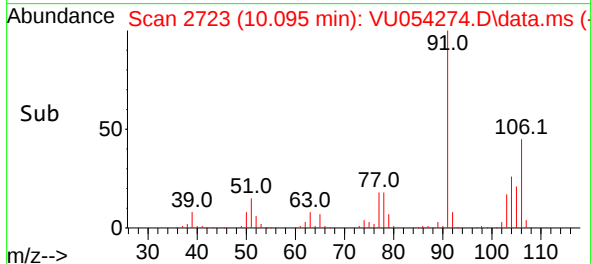
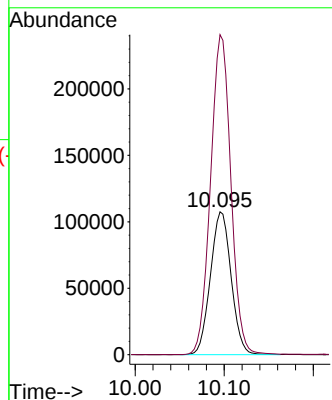
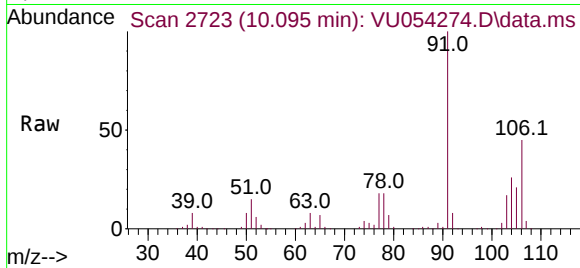




#69
o-Xylene
Concen: 49.297 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

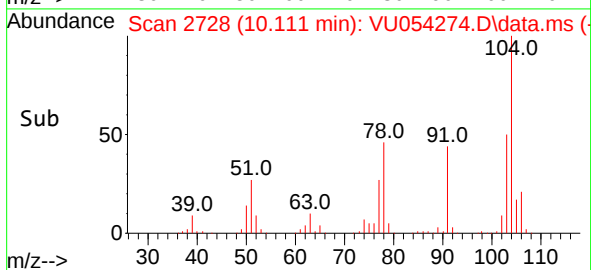
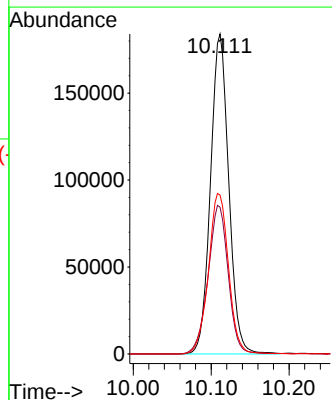
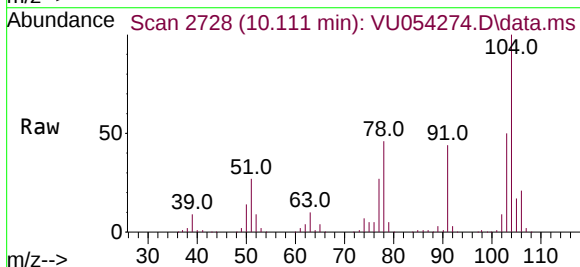
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

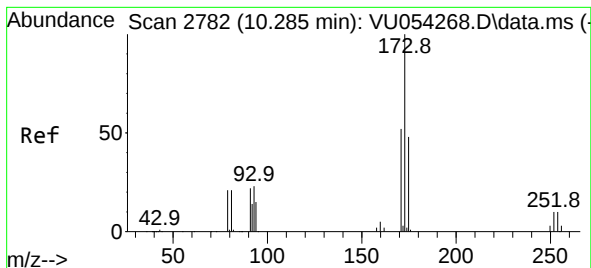
Tgt Ion:106 Resp: 173788
Ion Ratio Lower Upper
106 100
91 219.9 103.5 310.5



#70
Styrene
Concen: 51.262 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:104 Resp: 299690
Ion Ratio Lower Upper
104 100
78 51.1 38.0 57.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 50.650 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

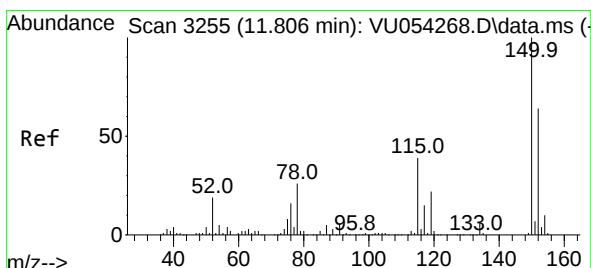
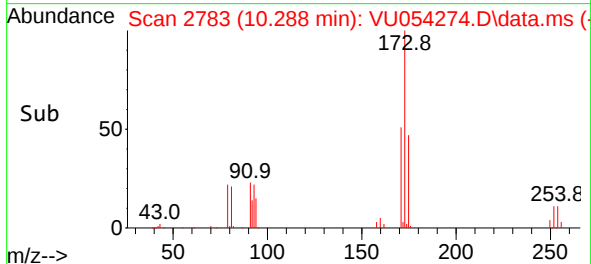
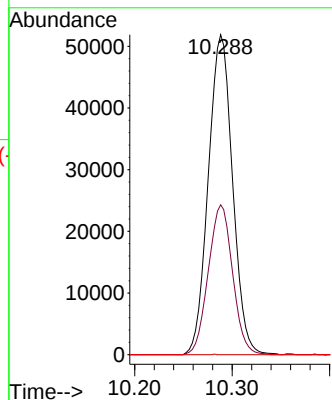
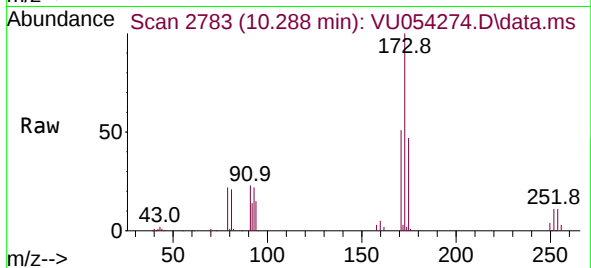
Tgt Ion:173 Resp: 89730

Ion Ratio Lower Upper

173 100

175 46.8 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

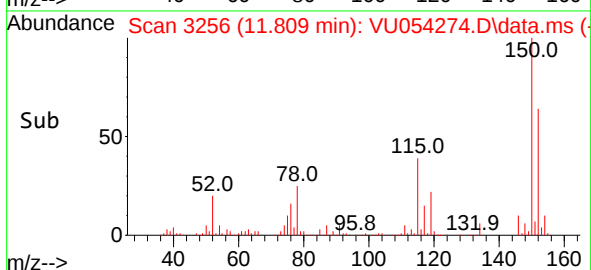
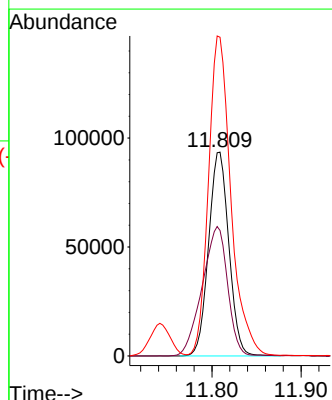
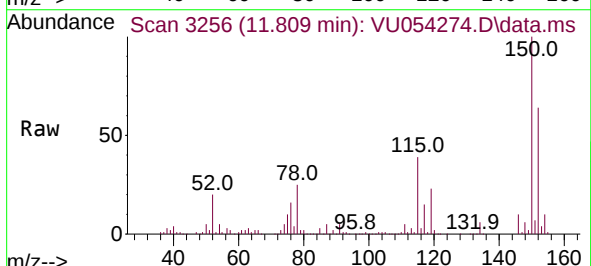
Tgt Ion:152 Resp: 147556

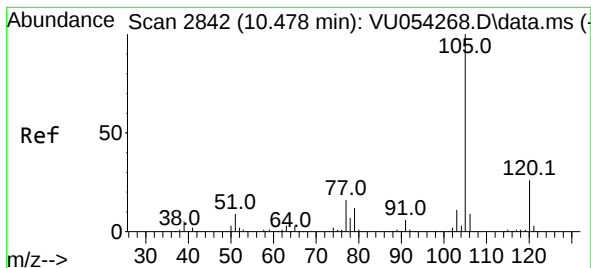
Ion Ratio Lower Upper

152 100

115 79.6 37.0 110.9

150 173.0 0.0 342.2





#73

Isopropylbenzene

Concen: 50.268 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

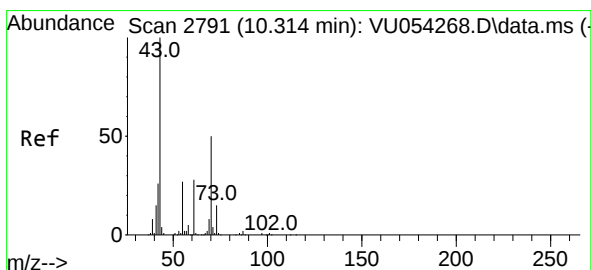
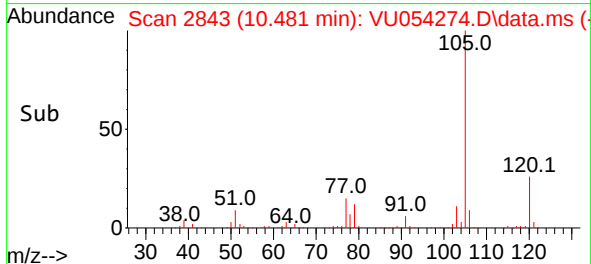
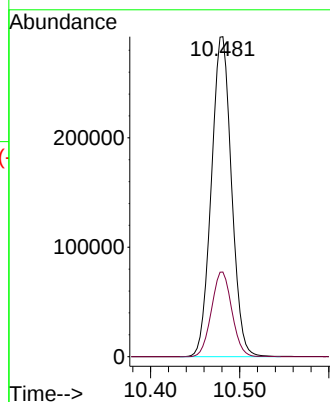
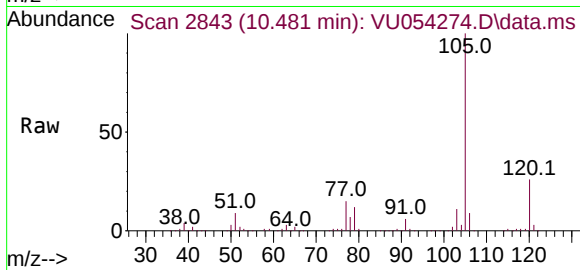
VSTDCCC050

Tgt Ion:105 Resp: 459367

Ion Ratio Lower Upper

105 100

120 26.8 13.8 41.4



#74

N-ethyl acetate

Concen: 49.496 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Tgt Ion: 43 Resp: 192056

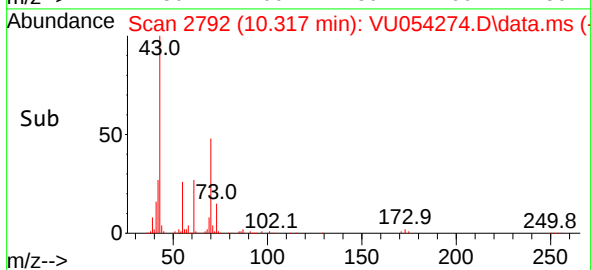
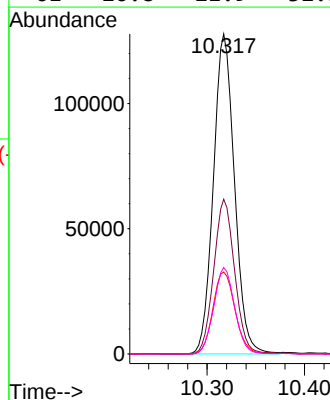
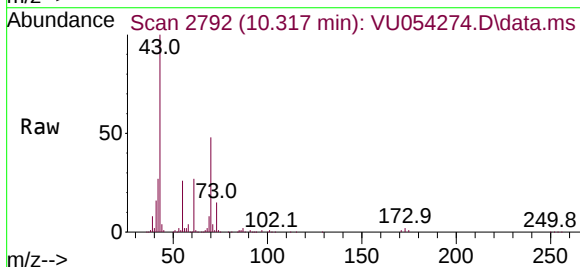
Ion Ratio Lower Upper

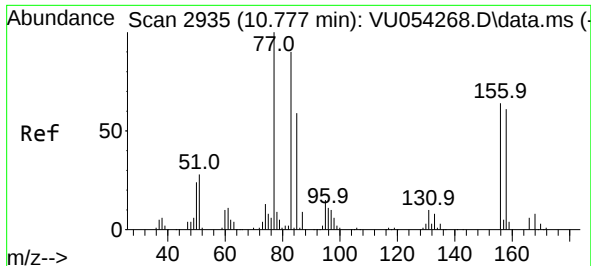
43 100

70 48.0 38.7 58.1

55 27.0 21.8 32.8

61 26.8 21.9 32.9

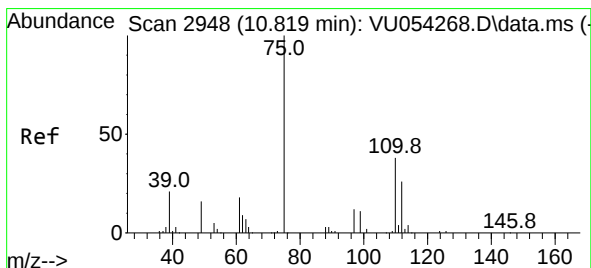
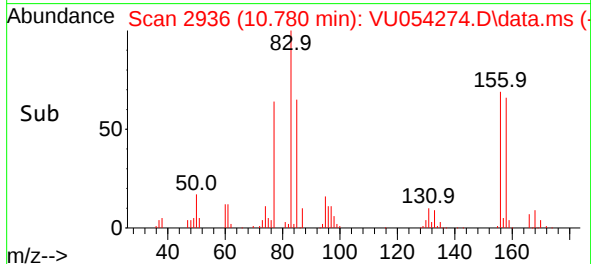
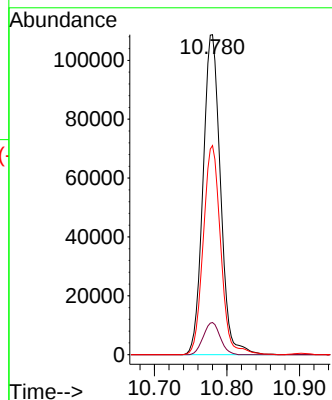
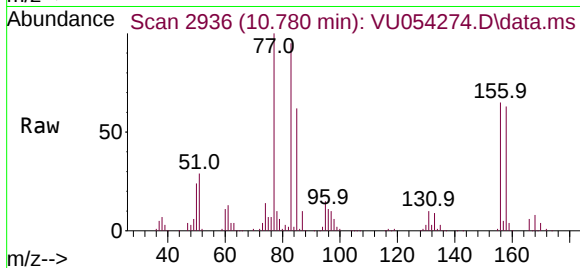




#75
1,1,2,2-Tetrachloroethane
Concen: 49.160 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

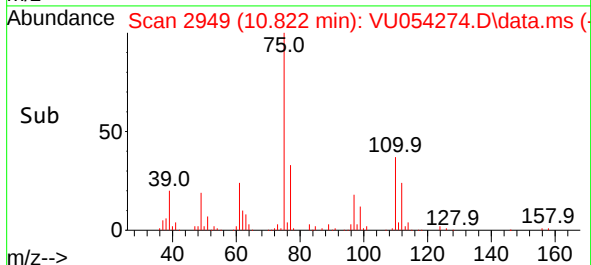
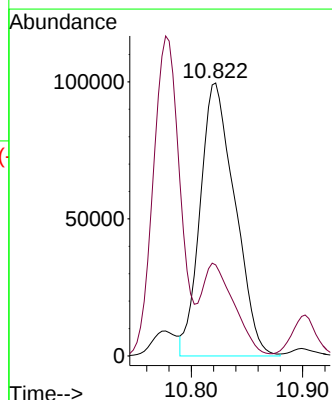
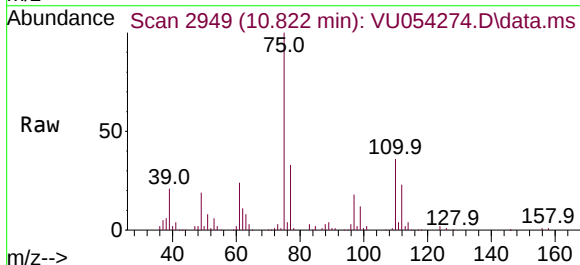
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

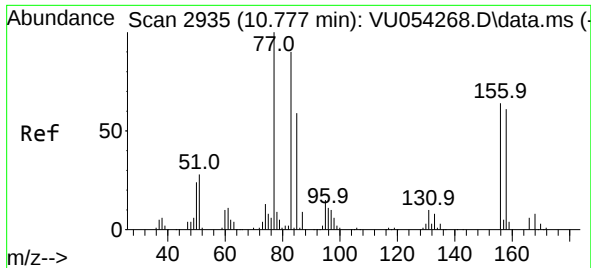
Tgt Ion: 83 Resp: 181780
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.4
85 65.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 50.124 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 75 Resp: 215863
Ion Ratio Lower Upper
75 100
77 30.3 15.8 47.3

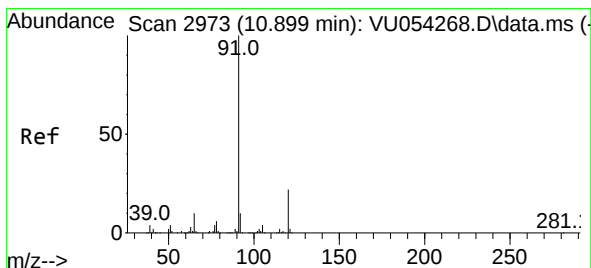
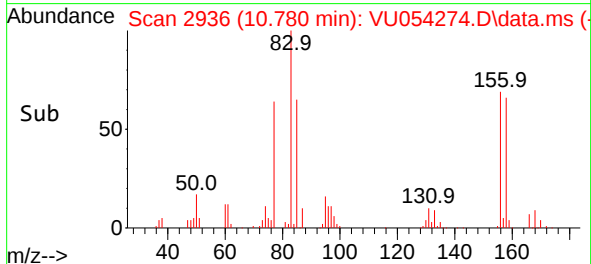
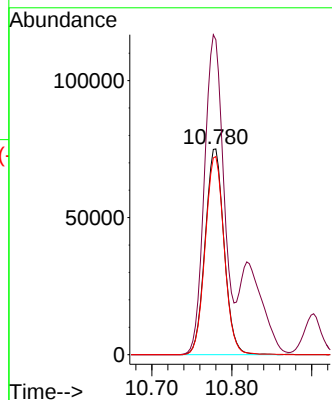
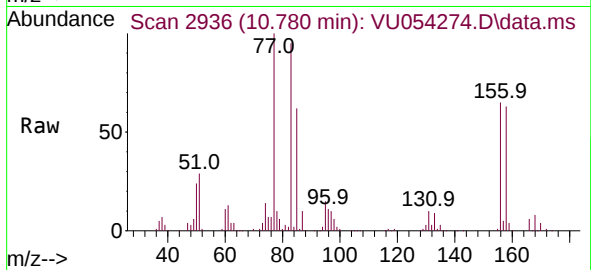




#77
Bromobenzene
Concen: 49.239 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

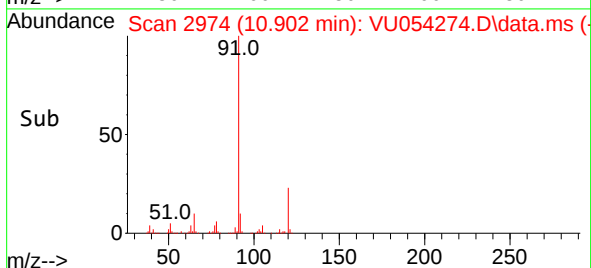
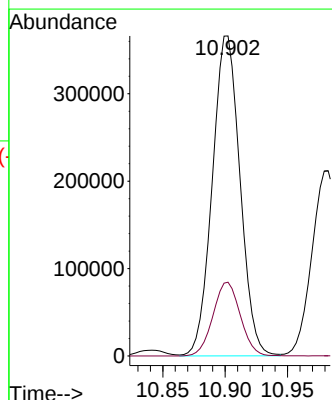
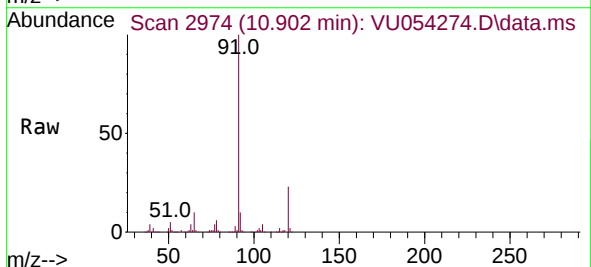
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

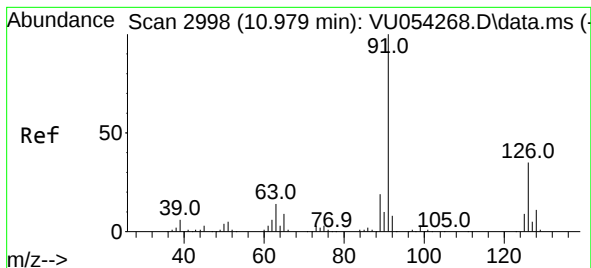
Tgt Ion:156 Resp: 123562
Ion Ratio Lower Upper
156 100
77 157.4 71.9 215.6
158 96.7 48.9 146.8



#78
n-propylbenzene
Concen: 50.713 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 91 Resp: 567703
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.467 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. 0.004 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

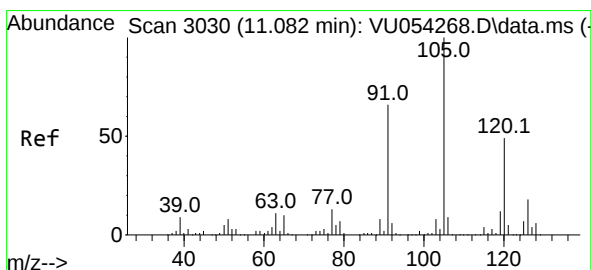
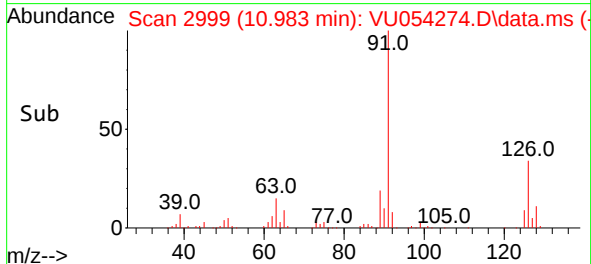
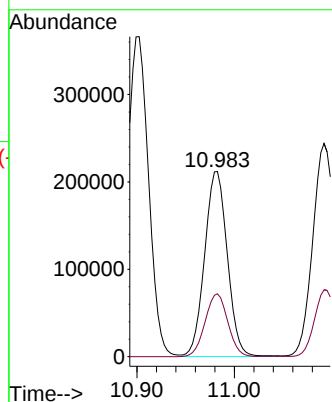
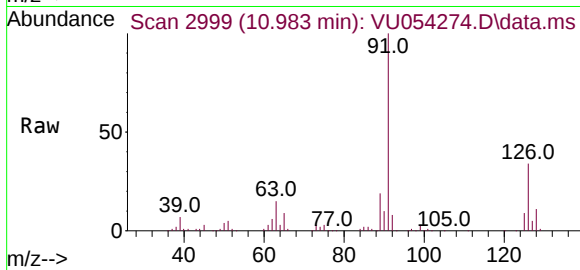
VSTDCCC050

Tgt Ion: 91 Resp: 342037

Ion Ratio Lower Upper

91 100

126 34.0 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 51.460 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054274.D

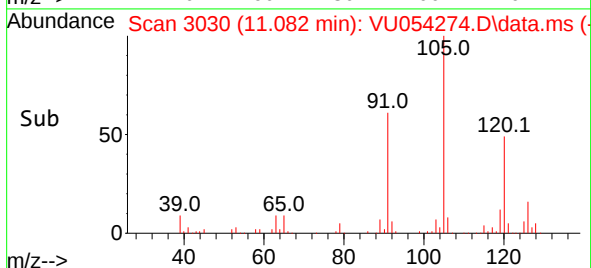
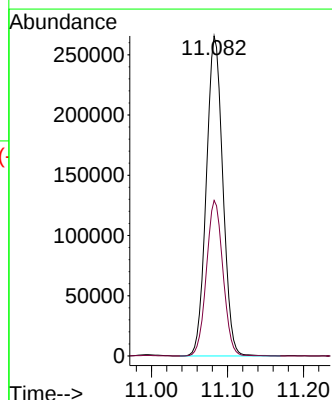
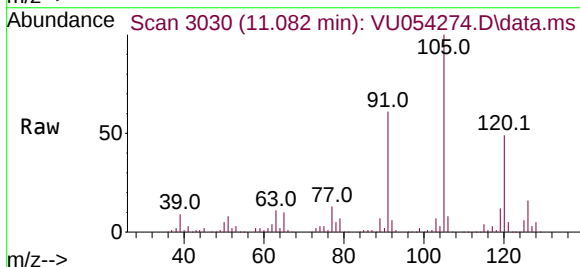
Acq: 26 May 2023 10:08

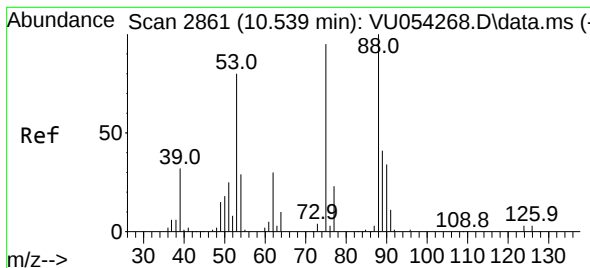
Tgt Ion: 105 Resp: 399912

Ion Ratio Lower Upper

105 100

120 48.8 25.3 75.9

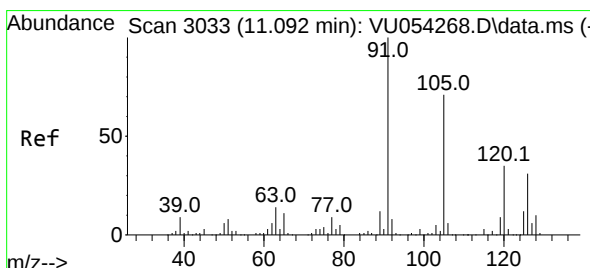
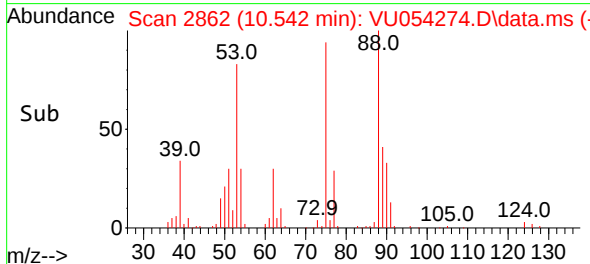
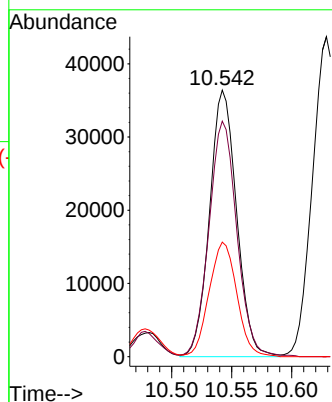
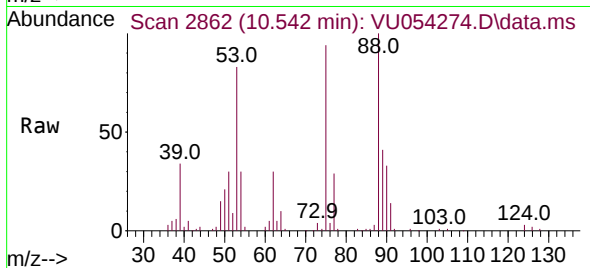




#81
trans-1,4-Dichloro-2-butene
Concen: 50.477 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

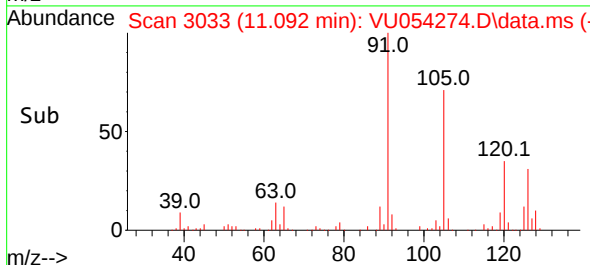
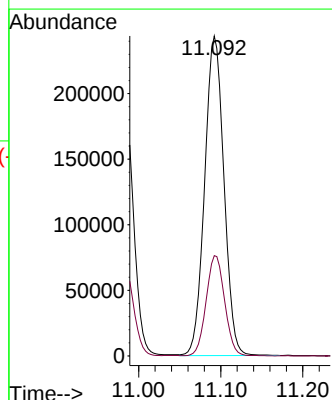
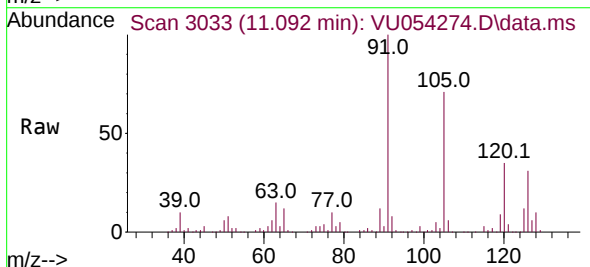
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

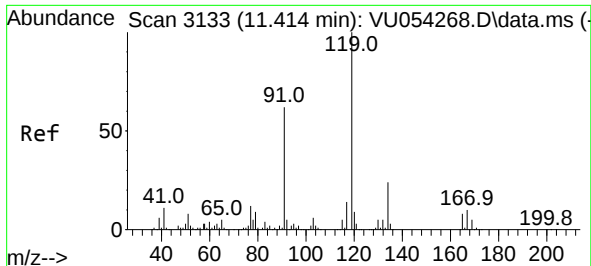
Tgt Ion: 75 Resp: 57086
Ion Ratio Lower Upper
75 100
53 91.4 69.2 103.8
89 44.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.893 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion: 91 Resp: 396754
Ion Ratio Lower Upper
91 100
126 30.2 16.1 48.2

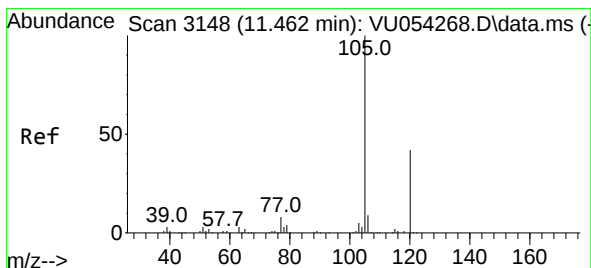
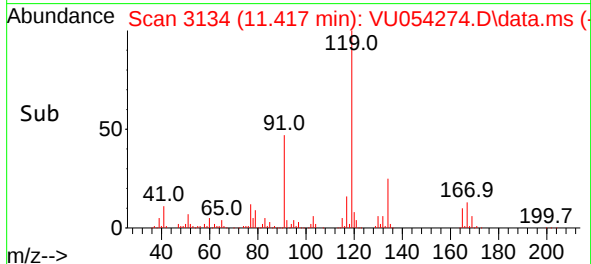
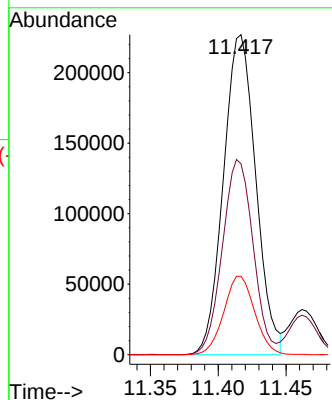
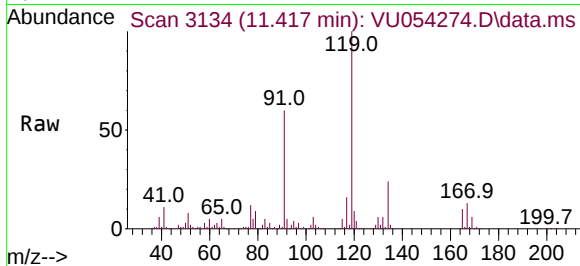




#83
tert-Butylbenzene
Concen: 48.542 ug/l
RT: 11.417 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

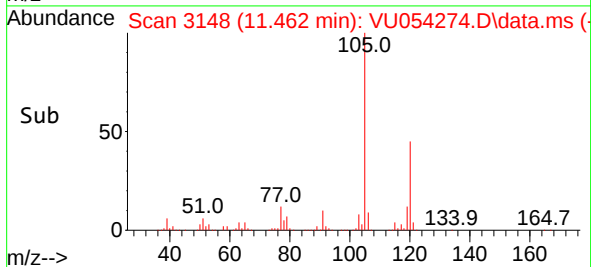
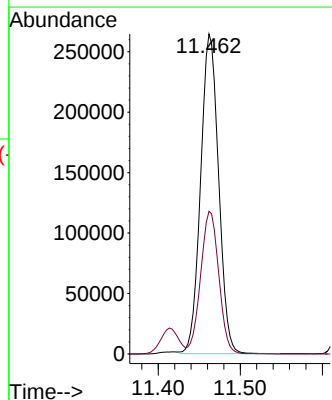
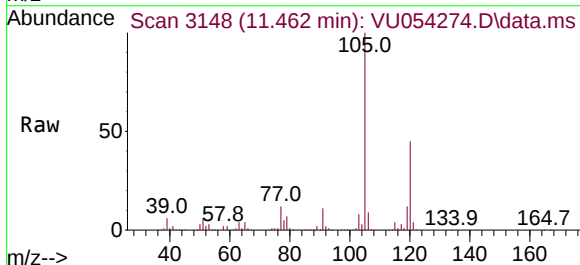
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

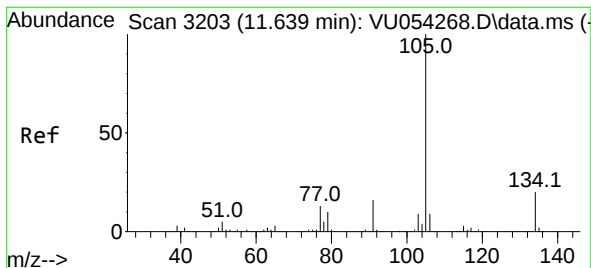
Tgt Ion:119 Resp: 377227
Ion Ratio Lower Upper
119 100
91 57.8 26.8 80.3
134 23.4 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 52.073 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:105 Resp: 402609
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 49.420 ug/l

RT: 11.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

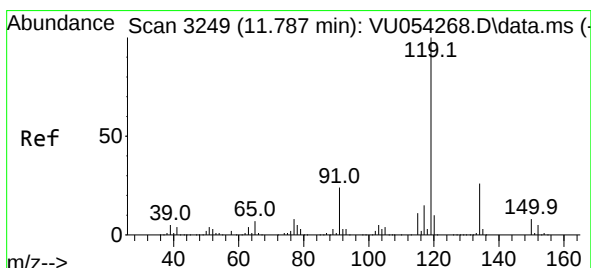
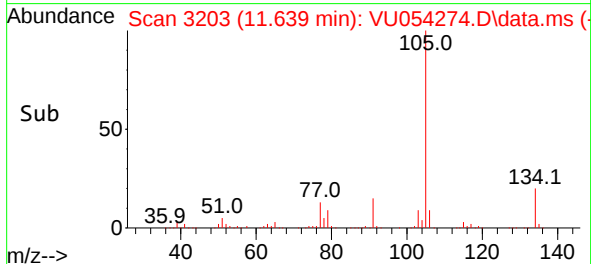
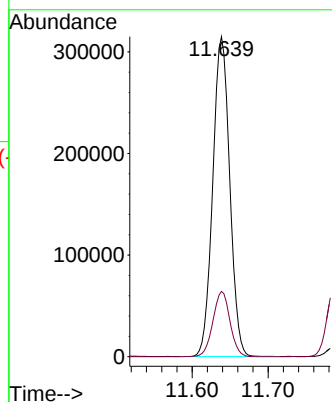
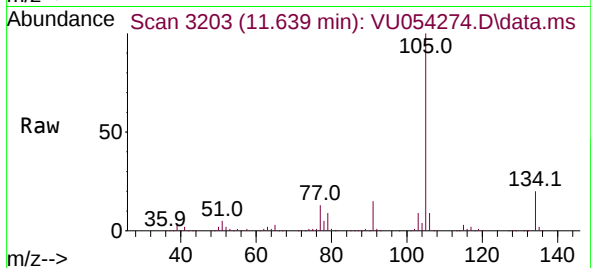
VSTDCCC050

Tgt Ion:105 Resp: 487324

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.259 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

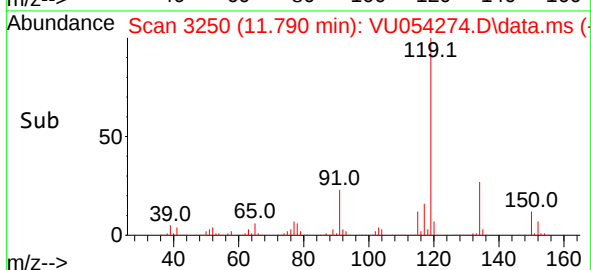
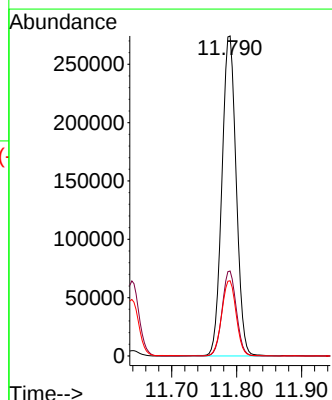
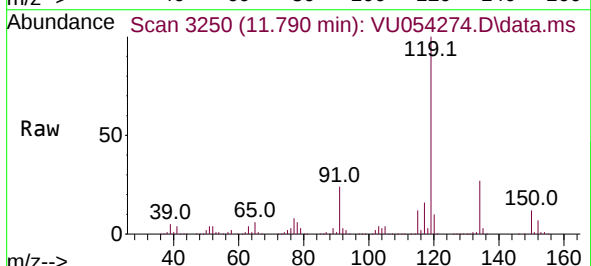
Tgt Ion:119 Resp: 416835

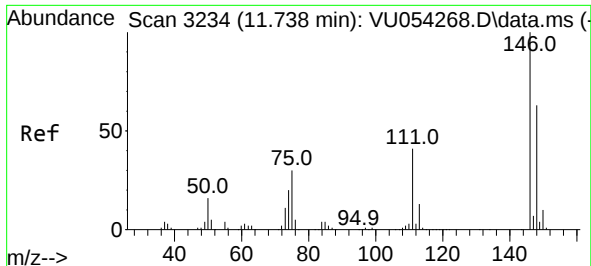
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 23.9 11.2 33.5

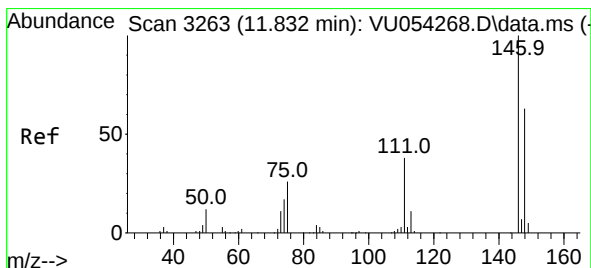
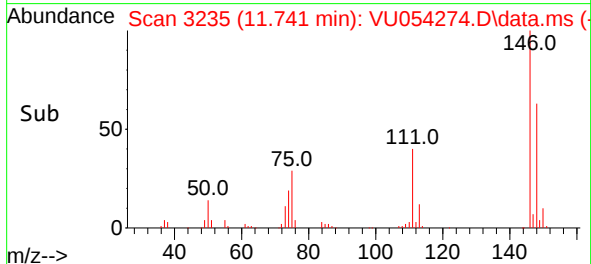
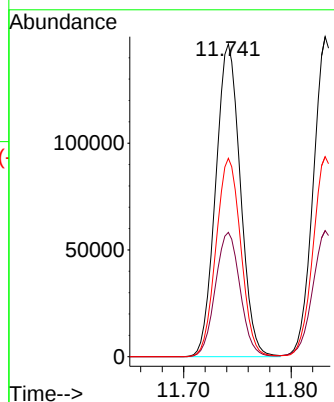
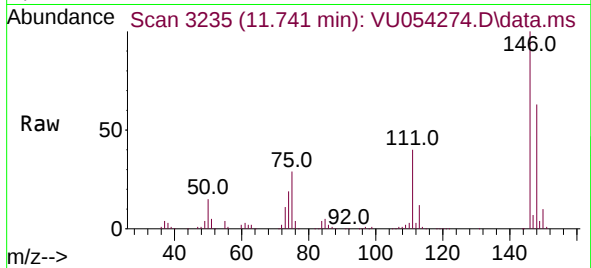




#87
1,3-Dichlorobenzene
Concen: 48.090 ug/l
RT: 11.741 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

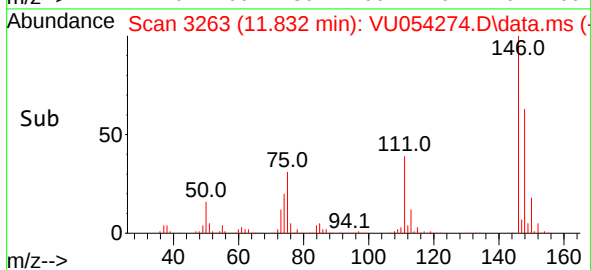
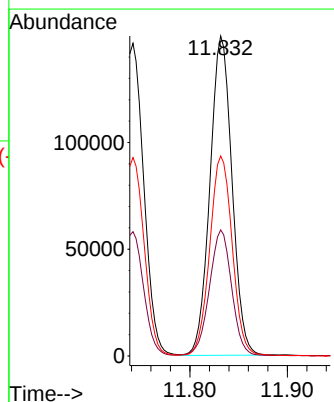
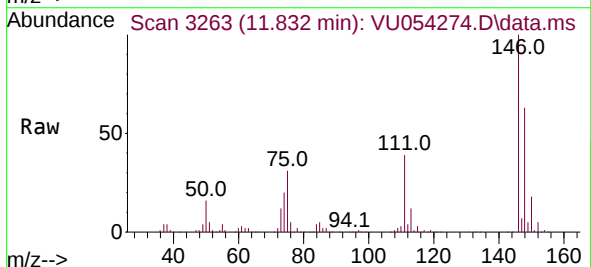
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

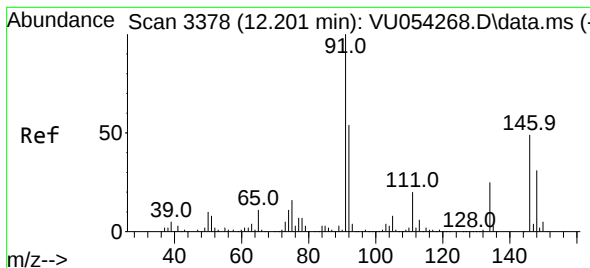
Tgt Ion:146 Resp: 233665
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.5
148 63.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 46.303 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.001 min
Lab File: VU054274.D
Acq: 26 May 2023 10:08

Tgt Ion:146 Resp: 235040
Ion Ratio Lower Upper
146 100
111 39.6 18.5 55.5
148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 46.901 ug/l

RT: 12.204 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

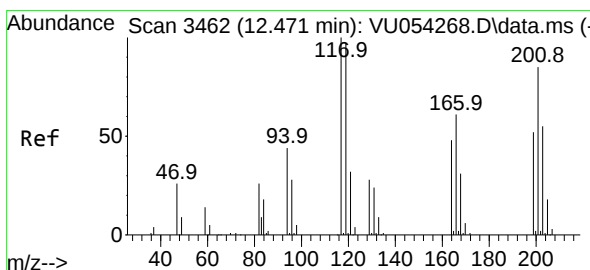
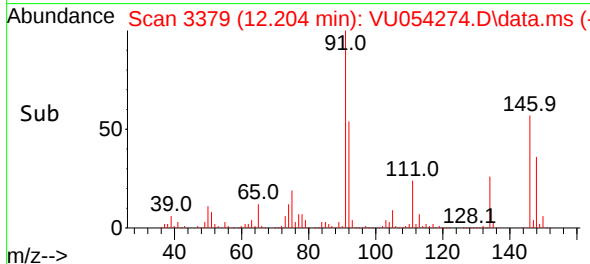
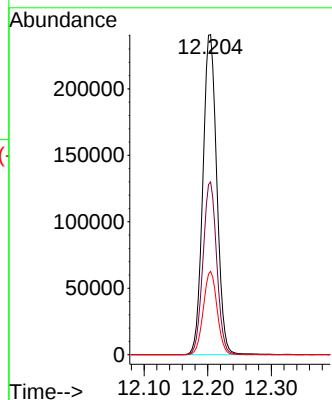
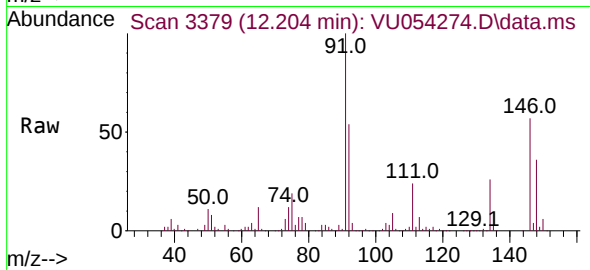
Tgt Ion: 91 Resp: 366155

Ion Ratio Lower Upper

91 100

92 53.6 26.2 78.6

134 25.8 13.5 40.4



#90

Hexachloroethane

Concen: 48.194 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054274.D

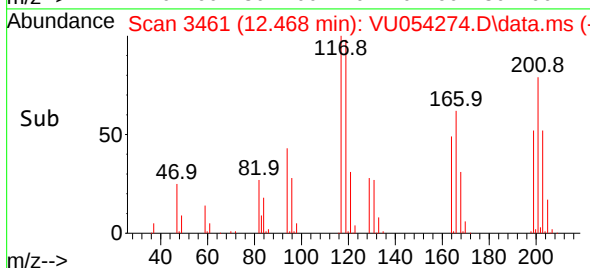
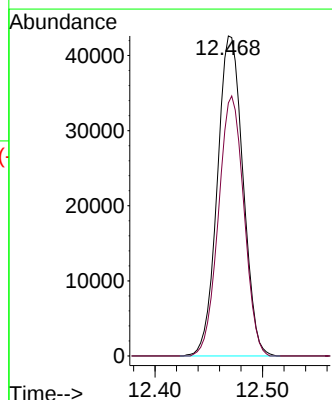
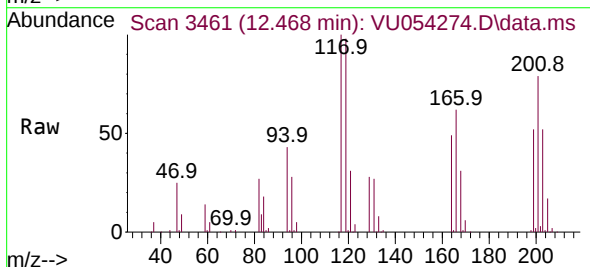
Acq: 26 May 2023 10:08

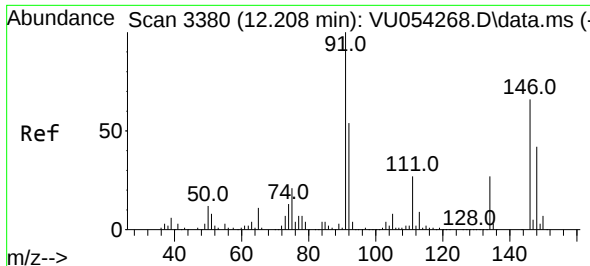
Tgt Ion: 117 Resp: 70713

Ion Ratio Lower Upper

117 100

201 80.4 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 48.059 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

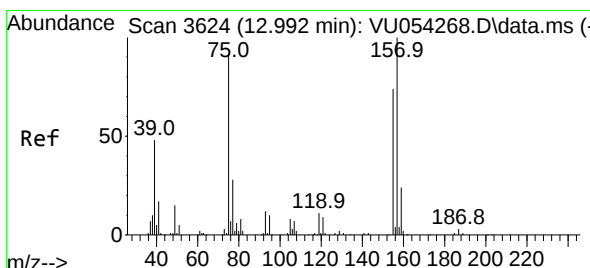
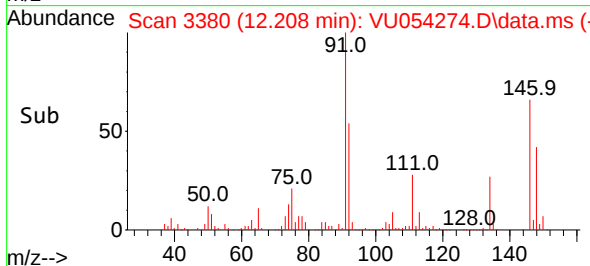
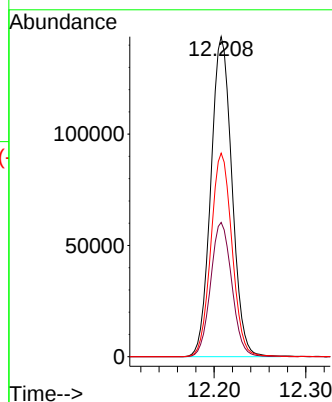
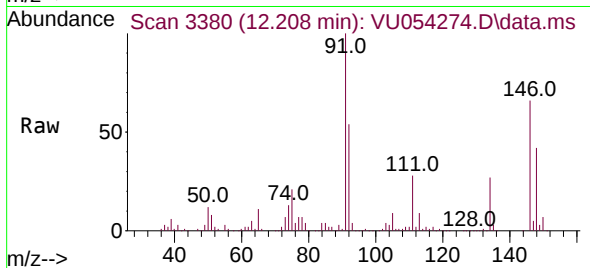
Tgt Ion:146 Resp: 229723

Ion Ratio Lower Upper

146 100

111 42.0 19.9 59.6

148 63.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.097 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

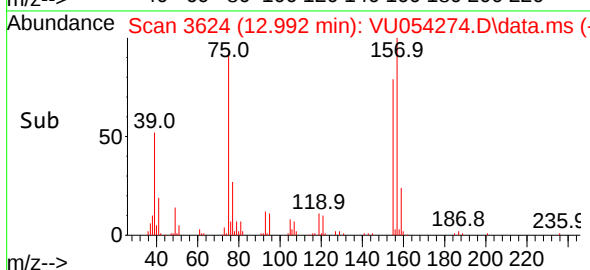
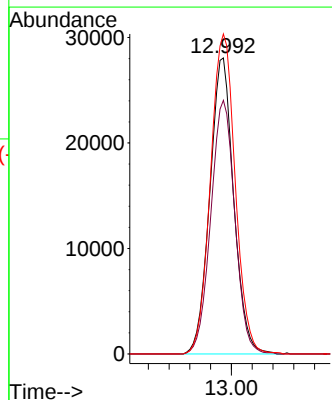
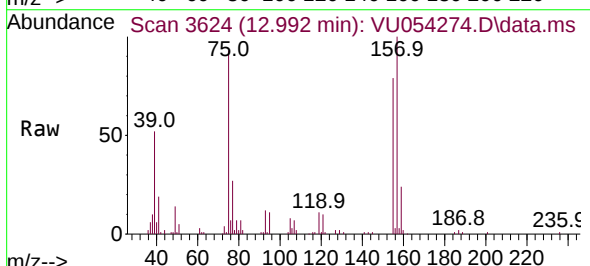
Tgt Ion: 75 Resp: 44777

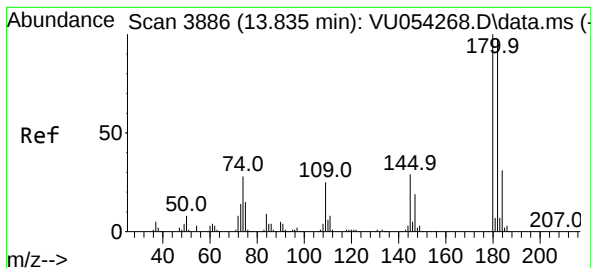
Ion Ratio Lower Upper

75 100

155 86.0 47.8 143.4

157 111.8 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 45.771 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

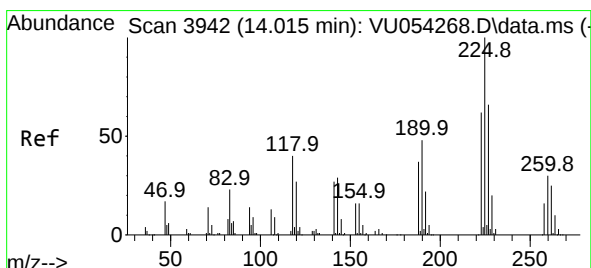
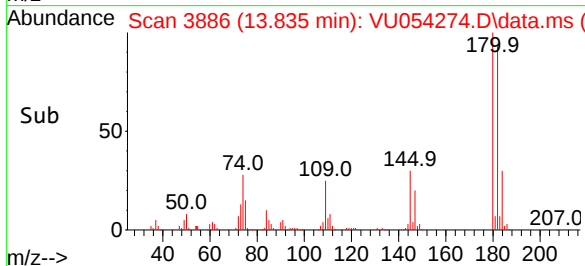
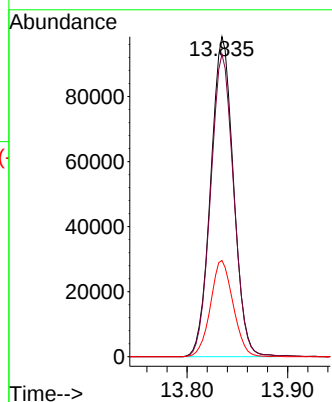
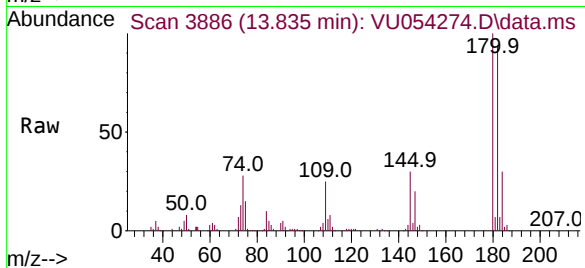
Tgt Ion:180 Resp: 154858

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 29.8 14.0 41.9



#94

Hexachlorobutadiene

Concen: 46.981 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

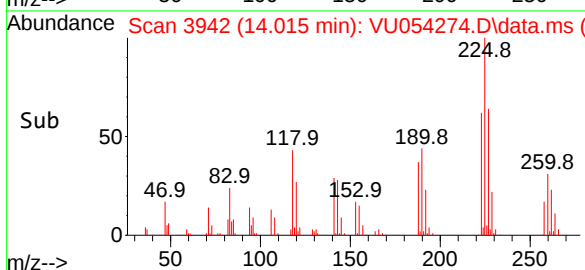
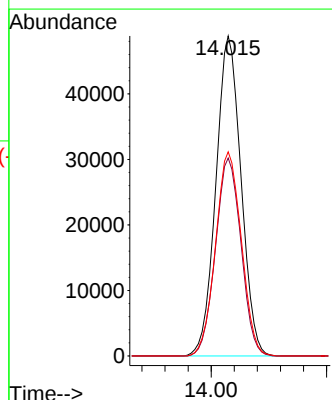
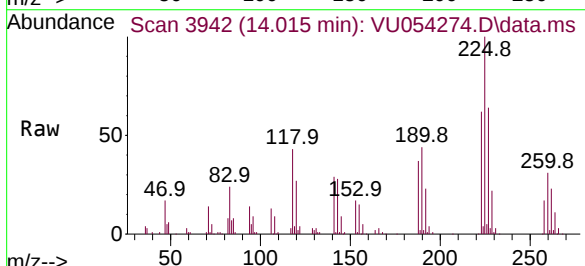
Tgt Ion:225 Resp: 73817

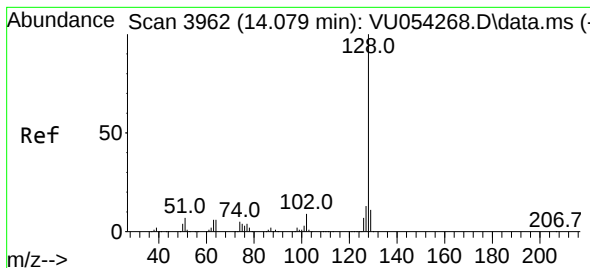
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 65.4 32.0 96.2





#95

Naphthalene

Concen: 45.772 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

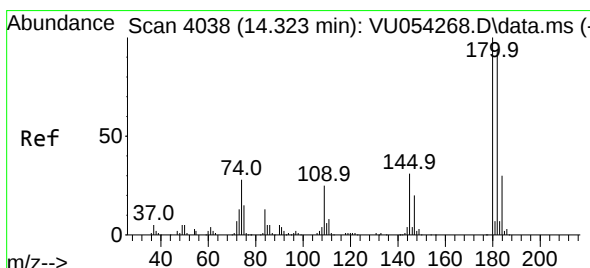
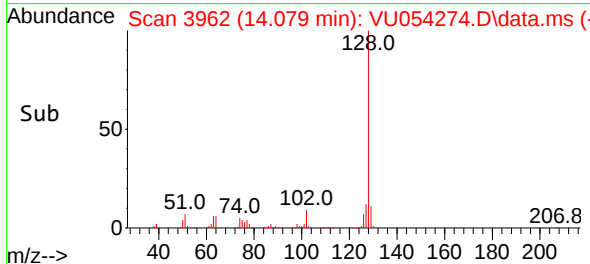
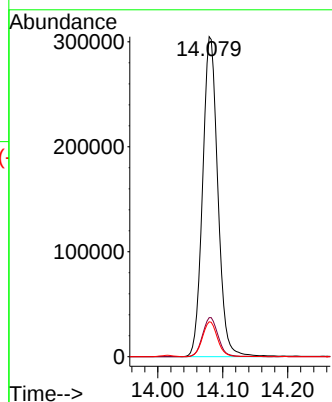
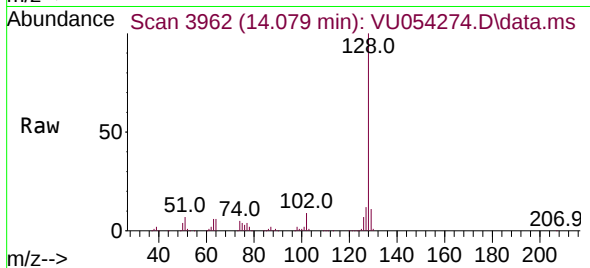
Tgt Ion:128 Resp: 497625

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.687 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054274.D

Acq: 26 May 2023 10:08

Tgt Ion:180 Resp: 153258

Ion Ratio Lower Upper

180 100

182 96.4 48.4 145.0

145 31.4 14.8 44.4

