

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054300.D
 Acq On : 26 May 2023 20:57
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 30 00:08:20 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	5.366	168	219361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	354092	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	336589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	184182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	144882	50.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.760%	
35) Dibromofluoromethane	5.282	113	117123	51.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	7.893	98	441809	50.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	10.626	95	165994	49.358	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	126656	51.721	ug/l	99
3) Chloromethane	1.517	50	158575	49.455	ug/l	97
4) Vinyl Chloride	1.604	62	160353	52.414	ug/l	100
5) Bromomethane	1.845	94	74125	43.770	ug/l	98
6) Chloroethane	1.922	64	97672	66.201	ug/l	99
7) Trichlorofluoromethane	2.131	101	206137	48.976	ug/l	99
8) Diethyl Ether	2.372	74	78718	50.520	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	115404	50.642	ug/l	95
10) Methyl Iodide	2.719	142	143995	52.621	ug/l	96
11) Tert butyl alcohol	3.182	59	68703	88.448	ug/l #	50
12) 1,1-Dichloroethene	2.575	96	114717	48.618	ug/l	96
13) Acrolein	2.481	56	158574	196.238	ug/l	100
14) Allyl chloride	2.916	41	195926	47.890	ug/l	90
15) Acrylonitrile	3.305	53	379907	218.142	ug/l	99
16) Acetone	2.623	43	283090	171.745	ug/l	97
17) Carbon Disulfide	2.787	76	337070	48.337	ug/l	100
18) Methyl Acetate	2.941	43	265427	44.102	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	383232	49.618	ug/l	99
20) Methylene Chloride	3.041	84	146509	49.269	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	127392	50.429	ug/l	95
22) Diisopropyl ether	3.983	45	382358	52.730	ug/l #	76
23) Vinyl Acetate	3.944	43	1366470	258.256	ug/l	98
24) 1,1-Dichloroethane	3.861	63	236467	50.929	ug/l	99
25) 2-Butanone	4.694	43	461627	211.525	ug/l	98
26) 2,2-Dichloropropane	4.655	77	176327	43.455	ug/l	100
27) cis-1,2-Dichloroethene	4.658	96	143836	51.184	ug/l	96
28) Bromochloromethane	4.964	49	112667	52.437	ug/l	86
29) Tetrahydrofuran	5.044	42	297988	217.225	ug/l	93
30) Chloroform	5.079	83	234298	49.641	ug/l	99
31) Cyclohexane	5.378	56	200260	49.320	ug/l	92
32) 1,1,1-Trichloroethane	5.308	97	205740	50.210	ug/l	99
36) 1,1-Dichloropropene	5.520	75	172555	48.179	ug/l	97
37) Ethyl Acetate	4.797	43	180829	41.428	ug/l #	92
38) Carbon Tetrachloride	5.517	117	179734	49.029	ug/l	99
39) Methylcyclohexane	6.758	83	197386	48.657	ug/l	94
40) Benzene	5.768	78	510082	49.930	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	93330	46.264	ug/l	94
42) 1,2-Dichloroethane	5.787	62	182534	49.185	ug/l	98
43) Isopropyl Acetate	5.903	43	281033	46.678	ug/l	98
44) Trichloroethene	6.536	130	141028	49.384	ug/l	95
45) 1,2-Dichloropropane	6.784	63	134519	50.475	ug/l	99
46) Dibromomethane	6.912	93	96651	49.268	ug/l	94
47) Bromodichloromethane	7.099	83	182327	49.698	ug/l	99
48) Methyl methacrylate	6.954	41	129278	48.418	ug/l	95
49) 1,4-Dioxane	6.973	88	65129	844.936	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	901523	224.379	ug/l	99
52) Toluene	7.964	92	320006	49.126	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	205261	48.903	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	215361	49.166	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	128899	47.748	ug/l	98
56) Ethyl methacrylate	8.327	69	199233	49.580	ug/l	96
57) 1,3-Dichloropropane	8.568	76	226597	48.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	39435	153.063	ug/l	98
59) 2-Hexanone	8.677	43	687296	216.545	ug/l	99
60) Dibromochloromethane	8.803	129	137307	50.062	ug/l	99
61) 1,2-Dibromoethane	8.919	107	144987	49.348	ug/l	98
64) Tetrachloroethene	8.549	164	129189	50.997	ug/l	97
65) Chlorobenzene	9.443	112	342533	48.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.526	131	127364	49.894	ug/l	98
67) Ethyl Benzene	9.565	91	607904	50.532	ug/l	98
68) m/p-Xylenes	9.687	106	471080	103.308	ug/l	94
69) o-Xylene	10.095	106	227084	51.444	ug/l	93
70) Styrene	10.108	104	387101	52.880	ug/l	98
71) Bromoform	10.285	173	107083	48.273	ug/l #	98
73) Isopropylbenzene	10.478	105	588986	51.635	ug/l	97
74) N-amyl acetate	10.314	43	247791	51.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	220039	47.674	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	243002	45.205	ug/l	98
77) Bromobenzene	10.777	156	155039	49.496	ug/l	92
78) n-propylbenzene	10.899	91	724649	51.860	ug/l	97
79) 2-Chlorotoluene	10.980	91	427583	50.544	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	509423	52.516	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	64341	45.578	ug/l	98
82) 4-Chlorotoluene	11.092	91	503442	50.720	ug/l	96
83) tert-Butylbenzene	11.414	119	490497	50.566	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	505353	52.365	ug/l	98
85) sec-Butylbenzene	11.639	105	633836	51.496	ug/l	99
86) p-Isopropyltoluene	11.787	119	533692	51.552	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	297020	48.973	ug/l	98
88) 1,4-Dichlorobenzene	11.828	146	301033	47.511	ug/l	99
89) n-Butylbenzene	12.201	91	480231	49.281	ug/l	98
90) Hexachloroethane	12.468	117	90426	49.374	ug/l	91
91) 1,2-Dichlorobenzene	12.205	146	296812	49.746	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	49626	47.145	ug/l	89
93) 1,2,4-Trichlorobenzene	13.835	180	212129	50.071	ug/l	99
94) Hexachlorobutadiene	14.015	225	91912	46.866	ug/l	99
95) Naphthalene	14.079	128	666005	48.934	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	215683	51.350	ug/l	97

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ClientSampleId :
VSTDCCC050EC

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QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

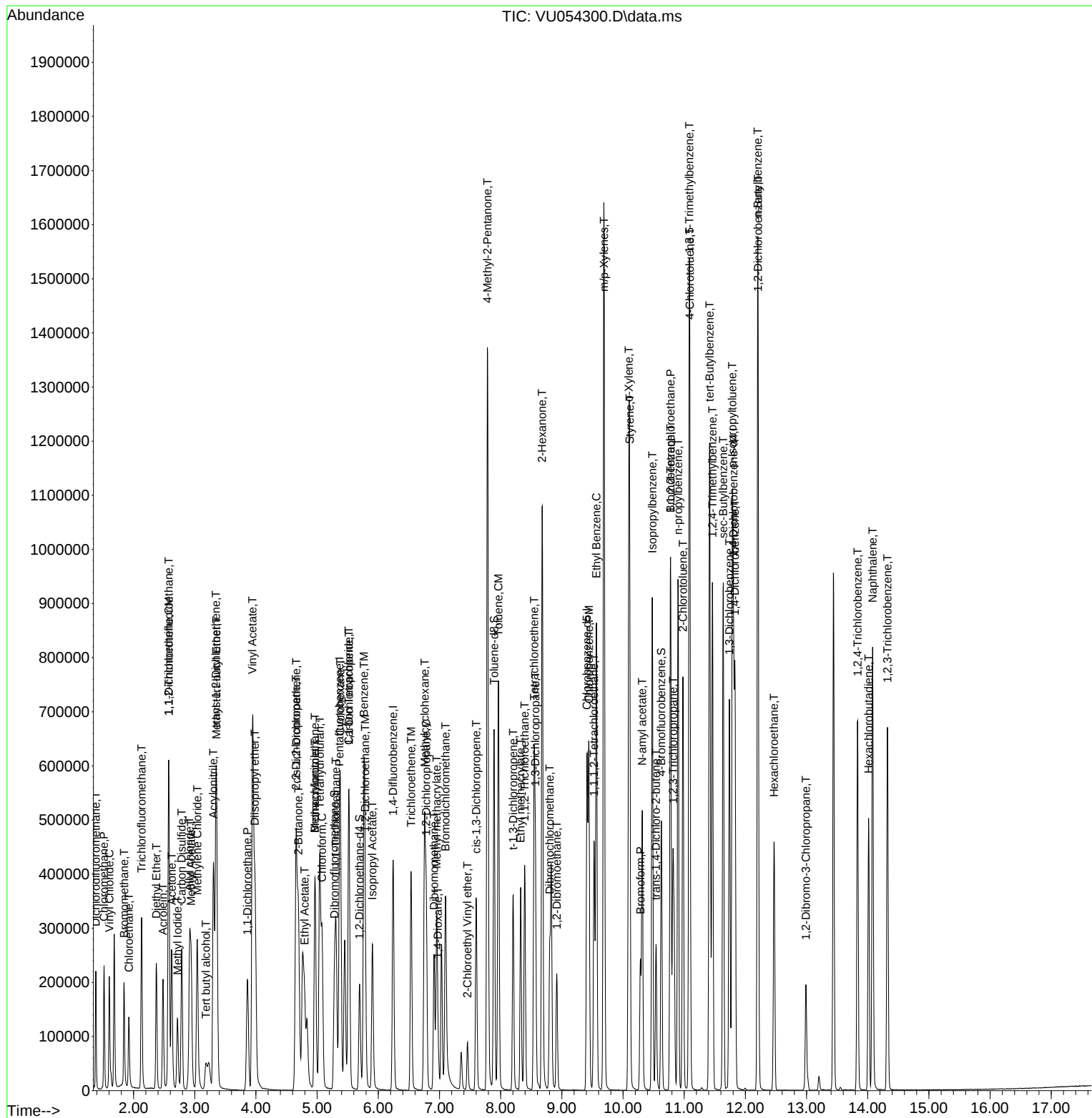
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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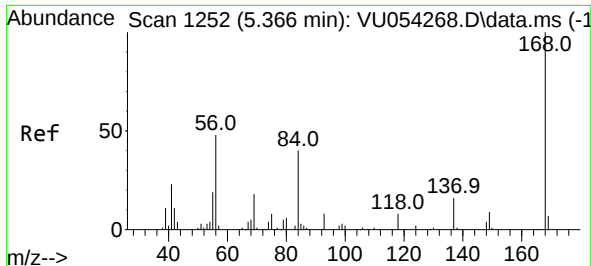
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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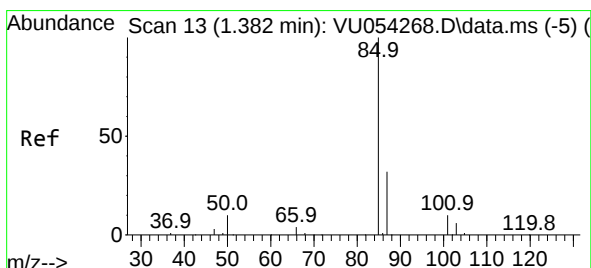
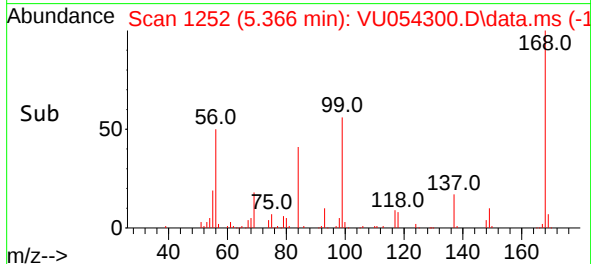
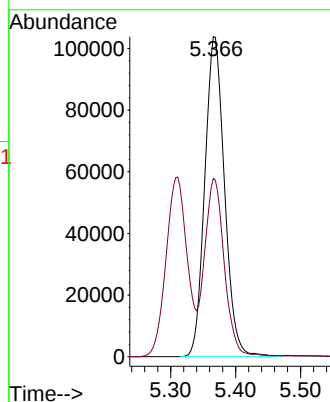
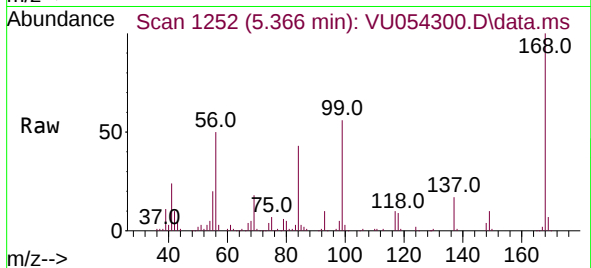




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
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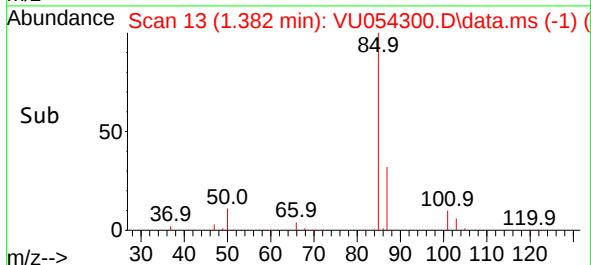
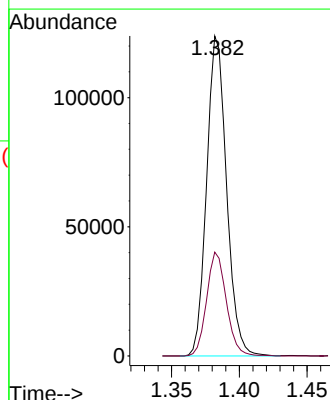
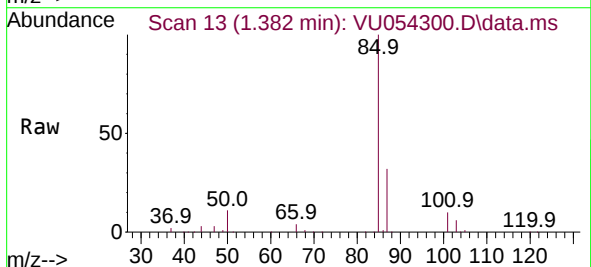
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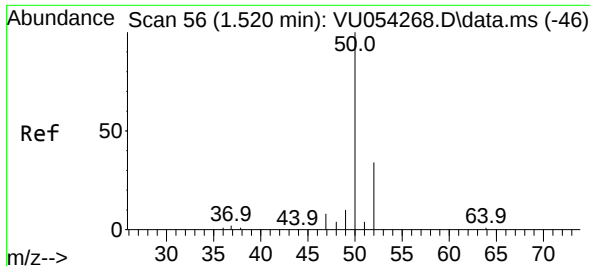
Tgt Ion:168 Resp: 219361
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 51.721 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 85 Resp: 126656
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

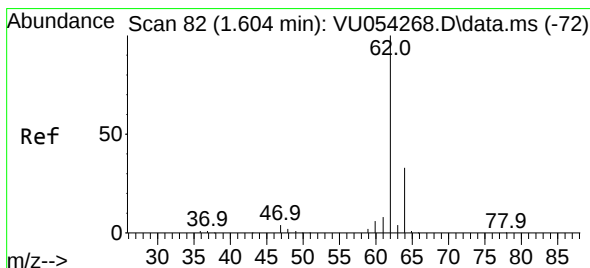
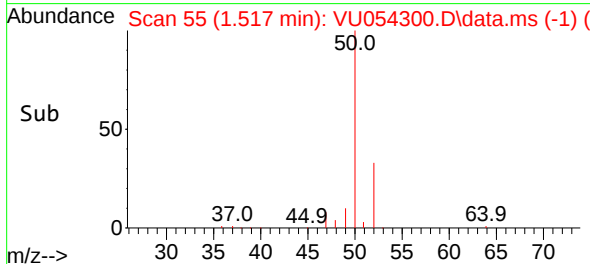
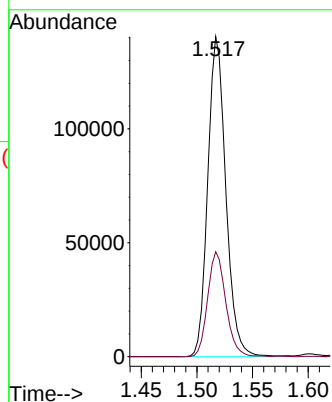
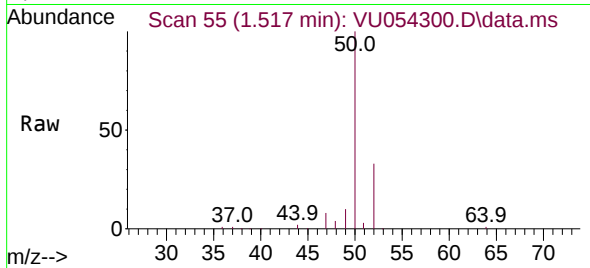




#3
Chloromethane
Concen: 49.455 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

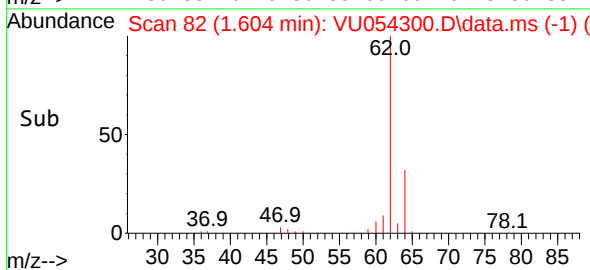
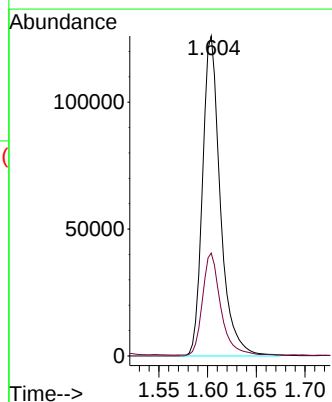
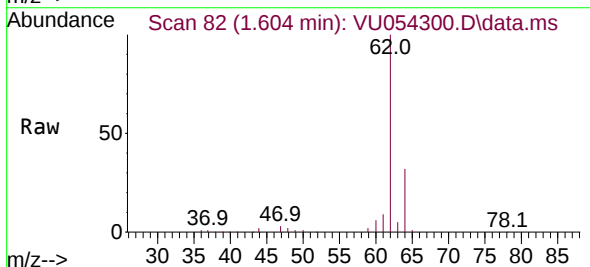
Instrument :
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ClientSampleId :
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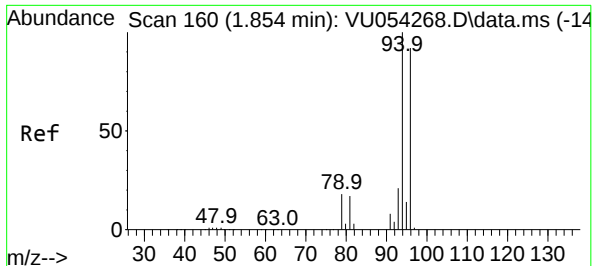
Tgt Ion: 50 Resp: 158575
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.2



#4
Vinyl Chloride
Concen: 52.414 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 62 Resp: 160353
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

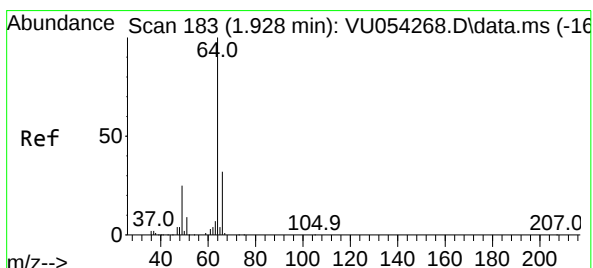
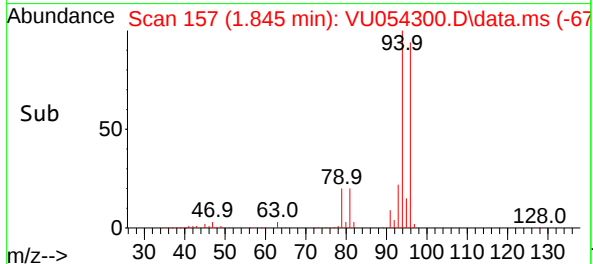
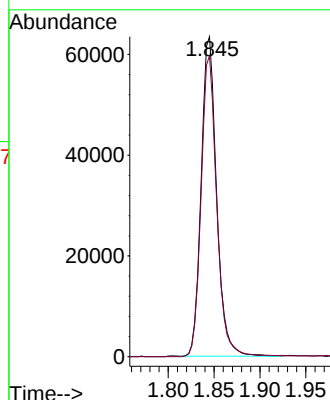
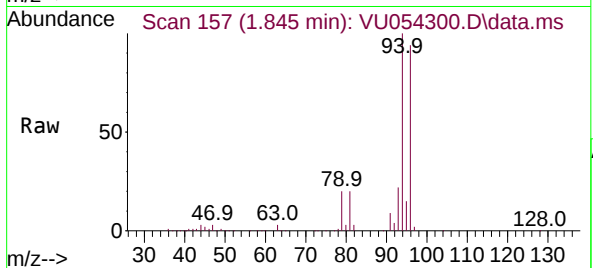




#5
Bromomethane
Concen: 43.770 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU054300.D
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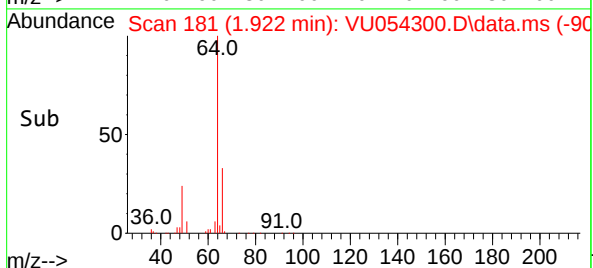
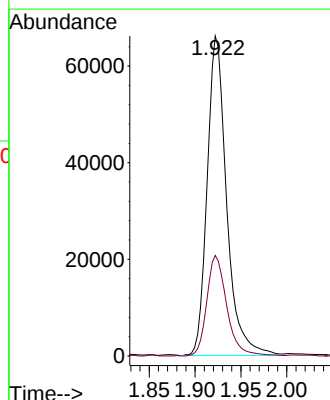
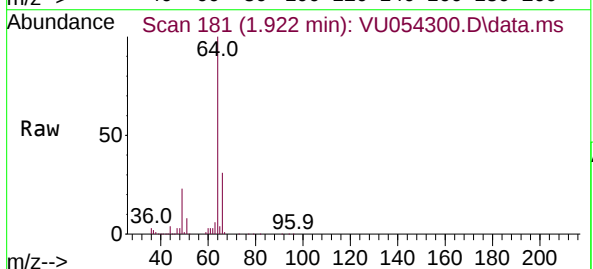
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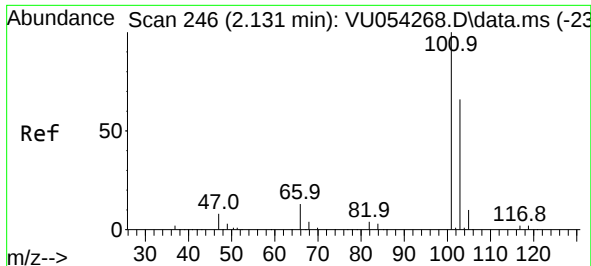
Tgt Ion: 94 Resp: 74125
Ion Ratio Lower Upper
94 100
96 94.2 73.7 110.5



#6
Chloroethane
Concen: 66.201 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 64 Resp: 97672
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1

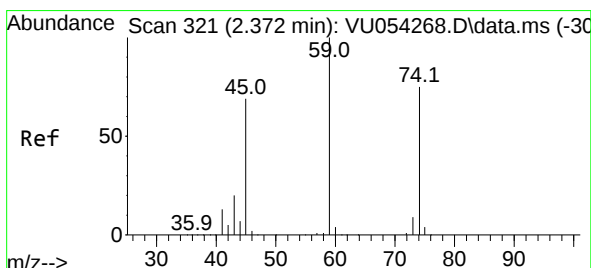
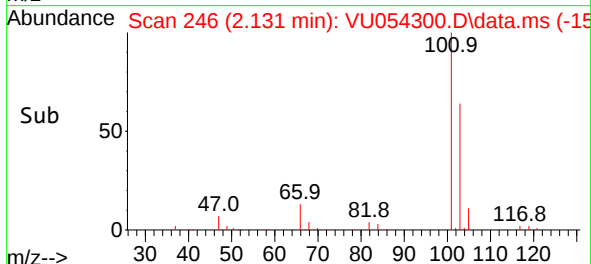
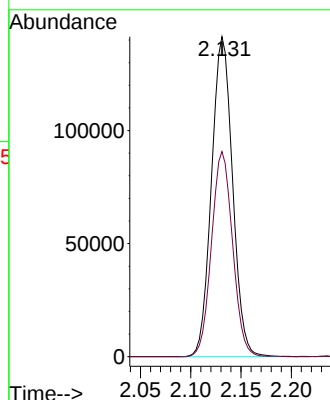
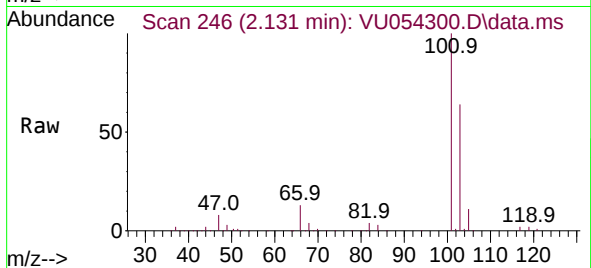




#7
 Trichlorofluoromethane
 Concen: 48.976 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

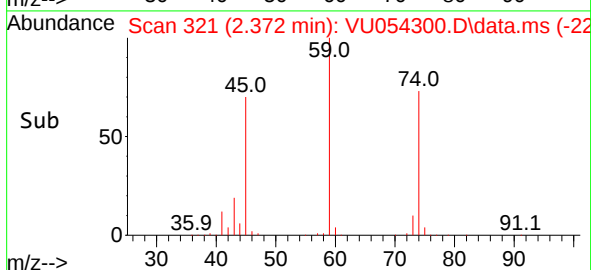
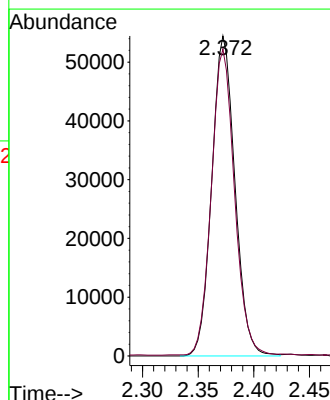
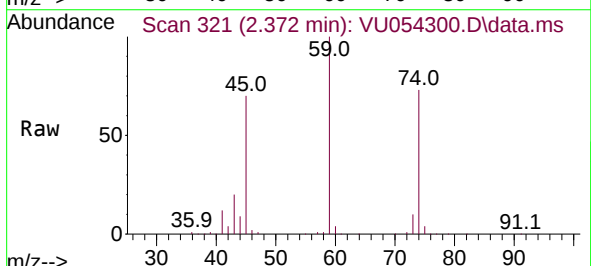
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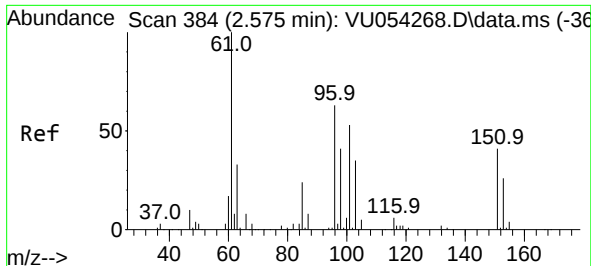
Tgt Ion:101 Resp: 206137
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 75.8



#8
 Diethyl Ether
 Concen: 50.520 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion: 74 Resp: 78718
 Ion Ratio Lower Upper
 74 100
 45 95.3 44.4 133.2

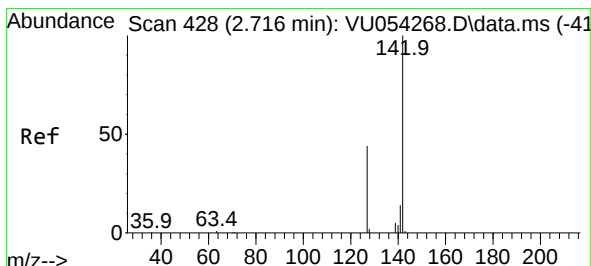
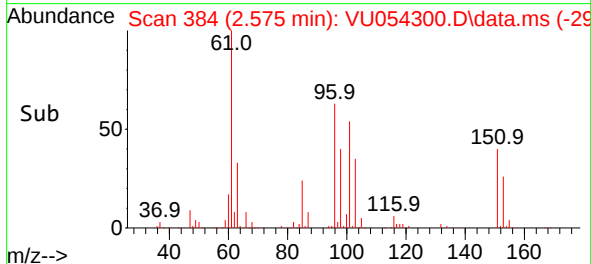
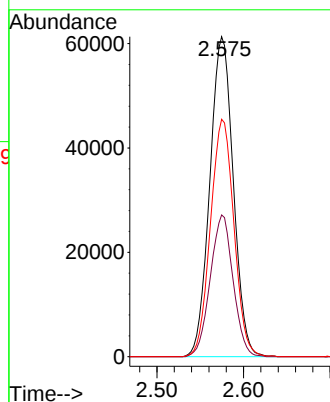
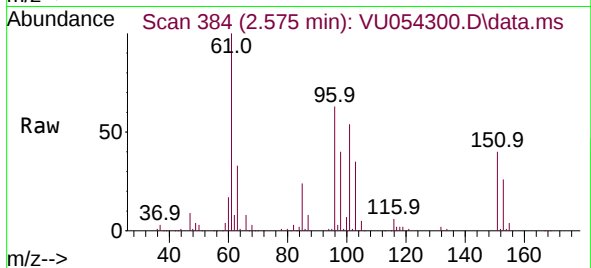




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.642 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

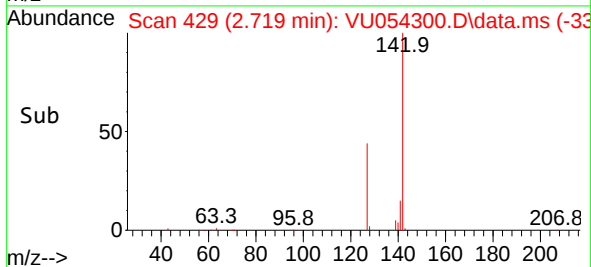
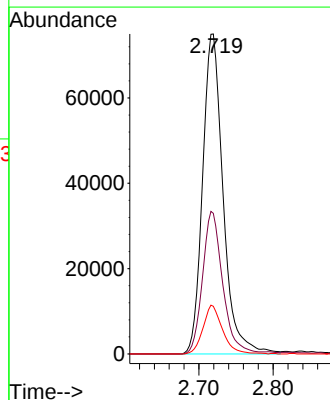
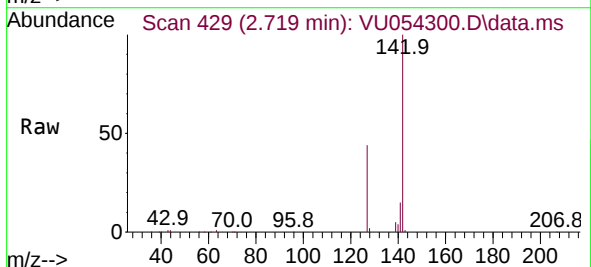
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

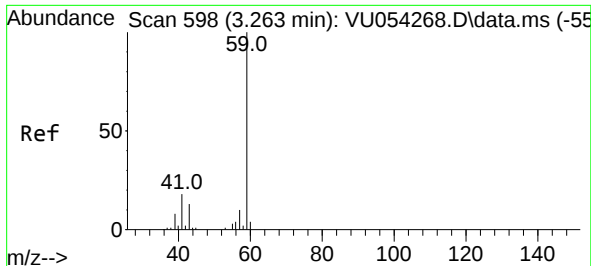
Tgt Ion:101 Resp: 115404
Ion Ratio Lower Upper
101 100
85 43.1 33.9 50.9
151 74.4 64.0 96.0



#10
Methyl Iodide
Concen: 52.621 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:142 Resp: 143995
Ion Ratio Lower Upper
142 100
127 43.7 32.5 48.7
141 14.5 11.4 17.0

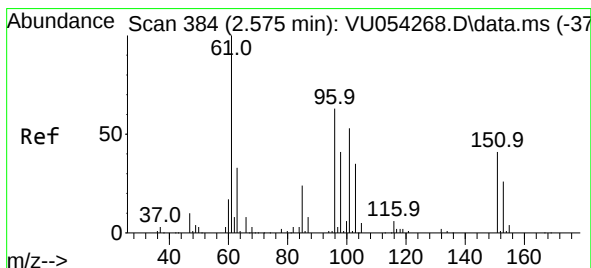
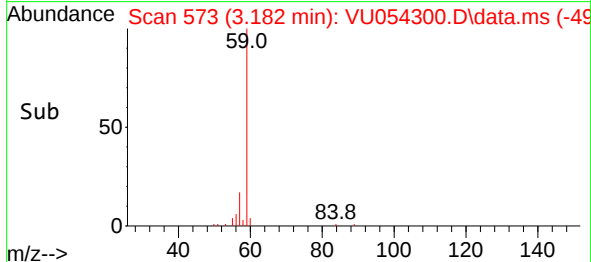
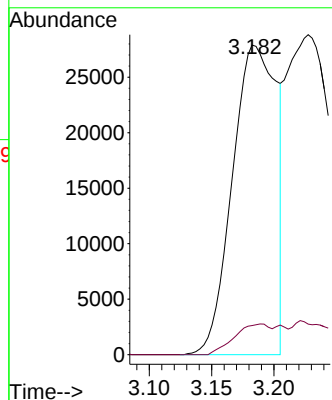
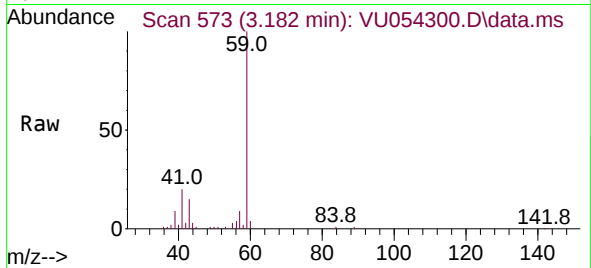




#11
Tert butyl alcohol
Concen: 88.448 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.061 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

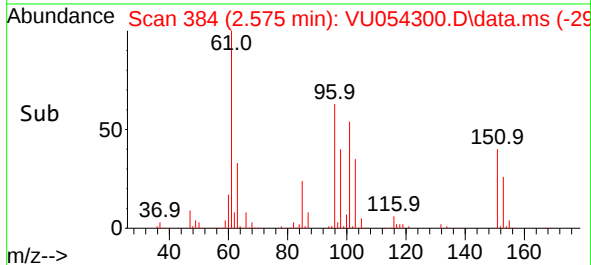
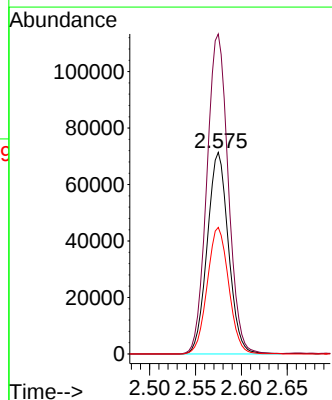
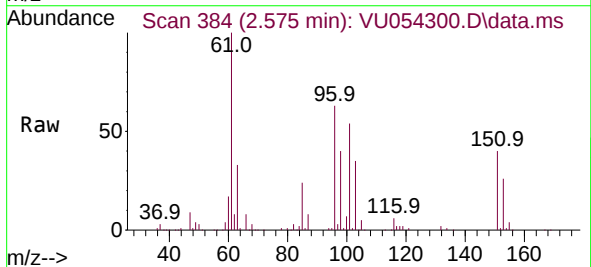
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

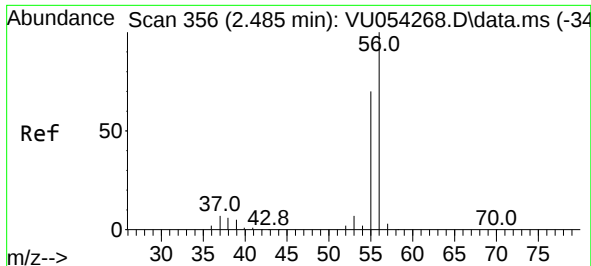
Tgt Ion: 59 Resp: 68703
Ion Ratio Lower Upper
59 100
57 8.1 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 48.618 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 96 Resp: 114717
Ion Ratio Lower Upper
96 100
61 158.7 122.2 183.2
98 62.8 50.7 76.1

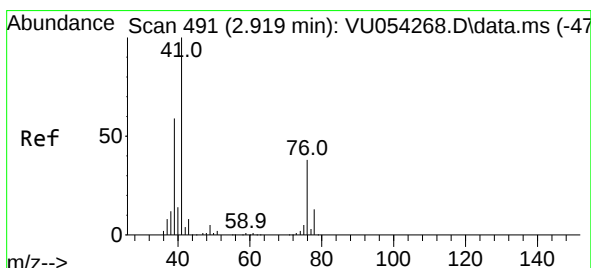
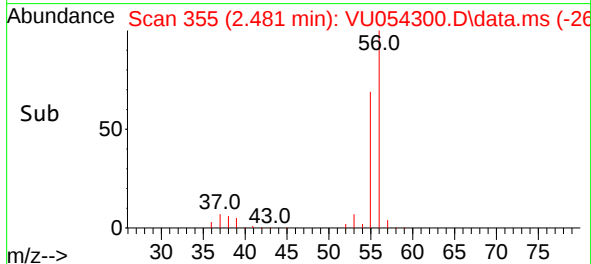
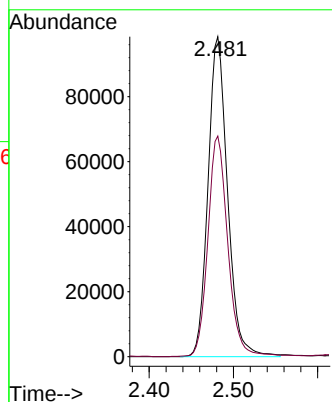
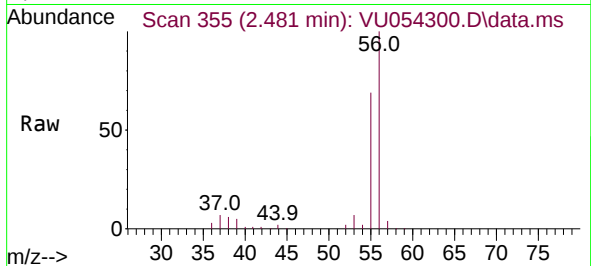




#13
Acrolein
Concen: 196.238 ug/l
RT: 2.481 min Scan# 356
Delta R.T. -0.004 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

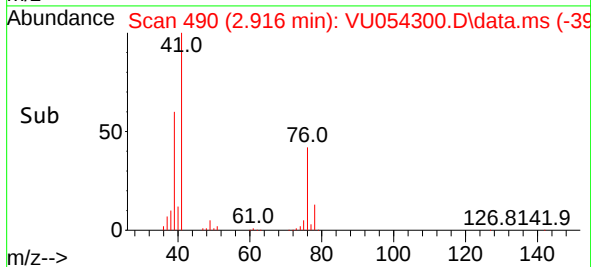
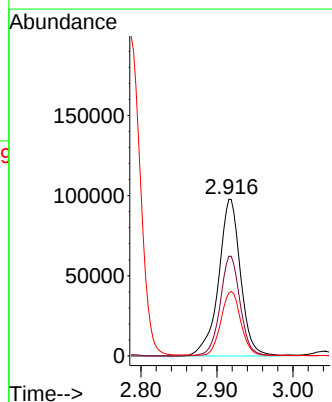
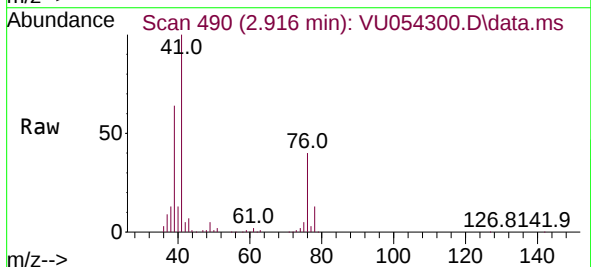
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

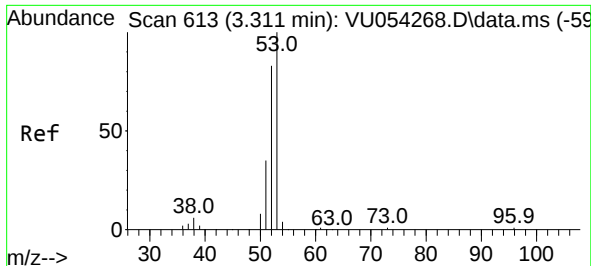
Tgt Ion: 56 Resp: 158574
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0



#14
Allyl chloride
Concen: 47.890 ug/l
RT: 2.916 min Scan# 490
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 41 Resp: 195926
Ion Ratio Lower Upper
41 100
39 58.4 53.4 80.2
76 36.6 33.8 50.6

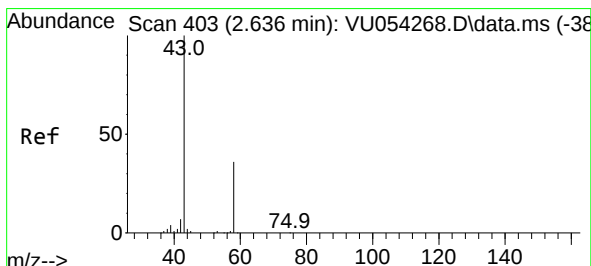
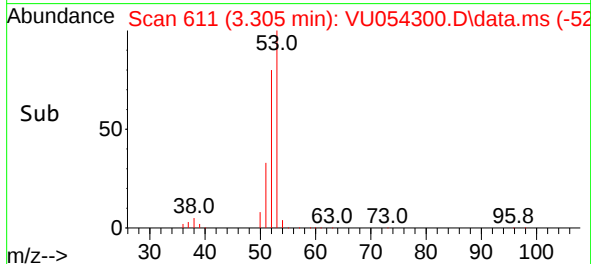
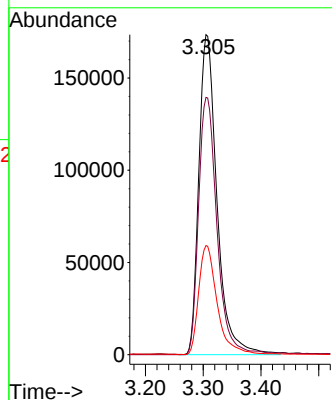
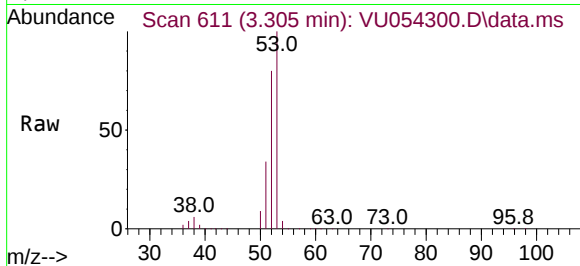




#15
Acrylonitrile
Concen: 218.142 ug/l
RT: 3.305 min Scan# 613
Delta R.T. -0.006 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

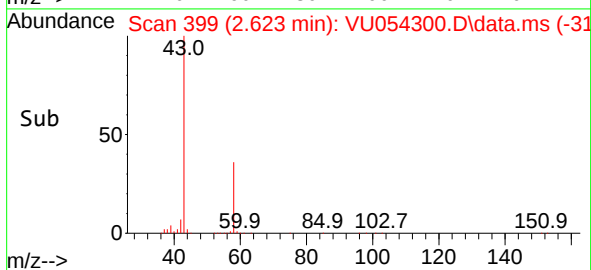
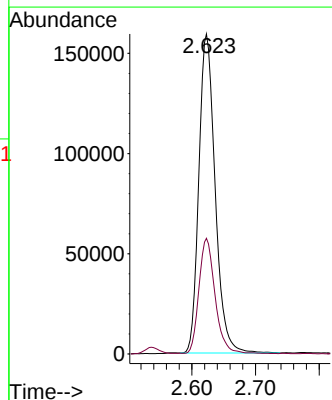
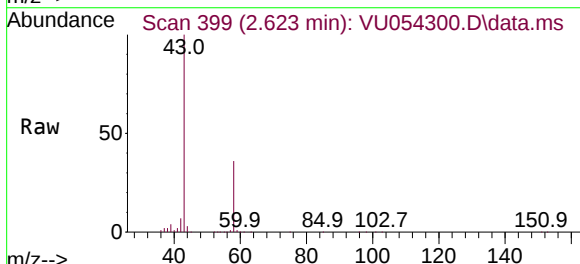
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

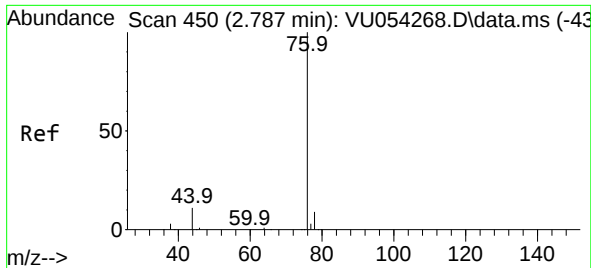
Tgt Ion: 53 Resp: 379907
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.8 28.2 42.4



#16
Acetone
Concen: 171.745 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 43 Resp: 283090
Ion Ratio Lower Upper
43 100
58 36.1 27.5 41.3

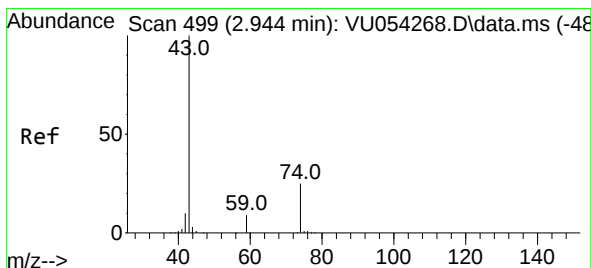
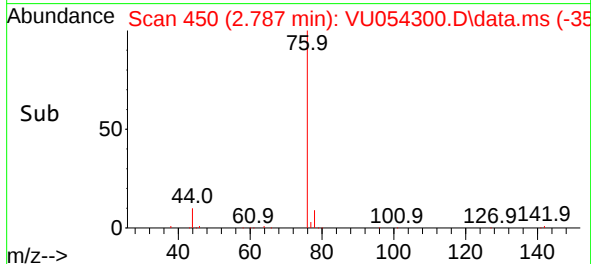
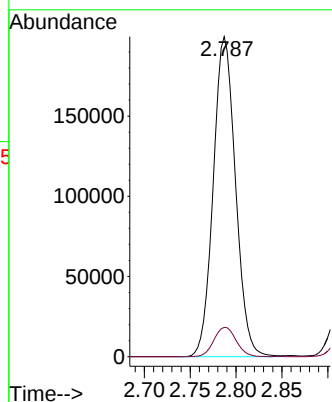
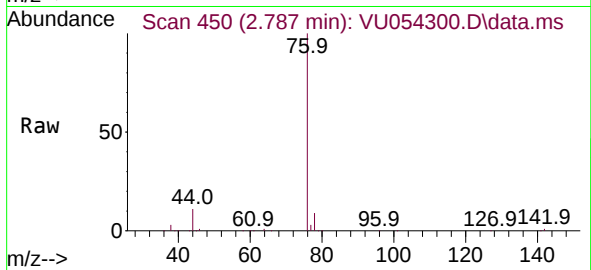




#17
Carbon Disulfide
Concen: 48.337 ug/l
RT: 2.787 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

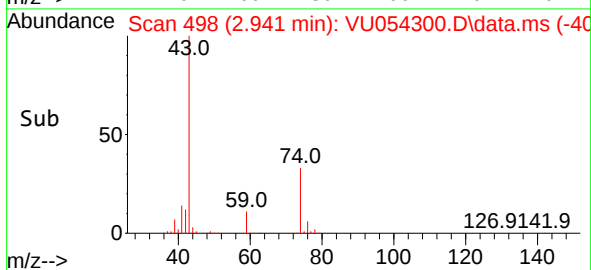
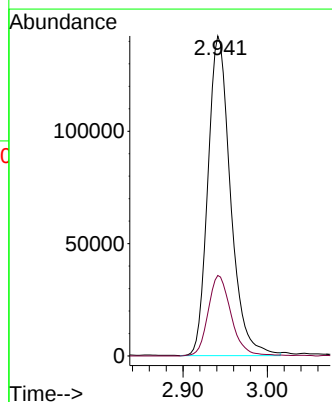
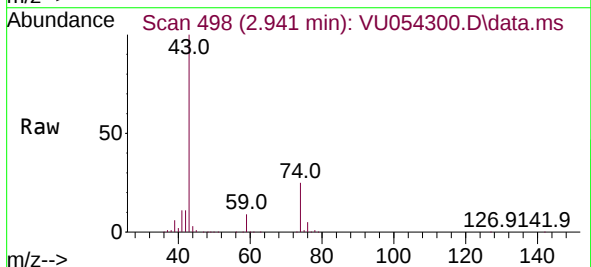
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

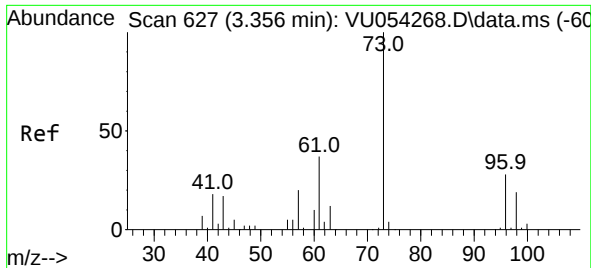
Tgt Ion: 76 Resp: 337070
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 44.102 ug/l
RT: 2.941 min Scan# 498
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 43 Resp: 265427
Ion Ratio Lower Upper
43 100
74 25.7 22.5 33.7

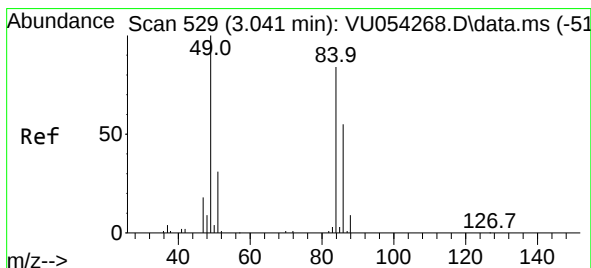
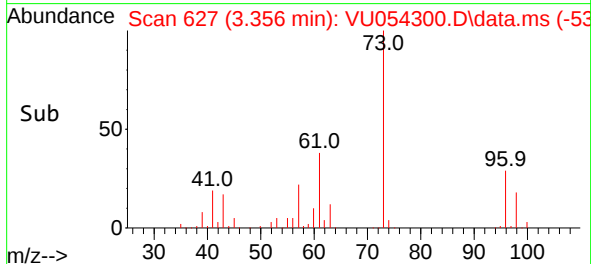
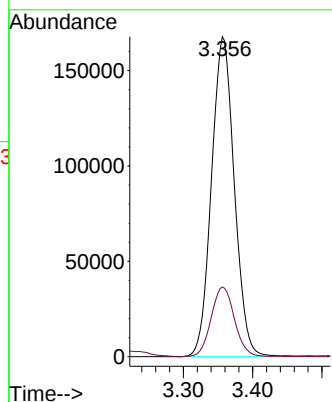
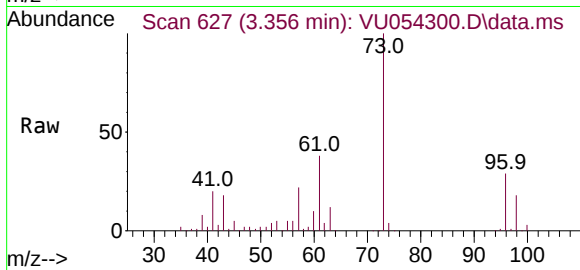




#19
Methyl tert-butyl Ether
Concen: 49.618 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

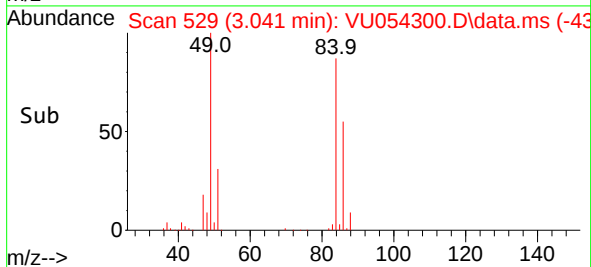
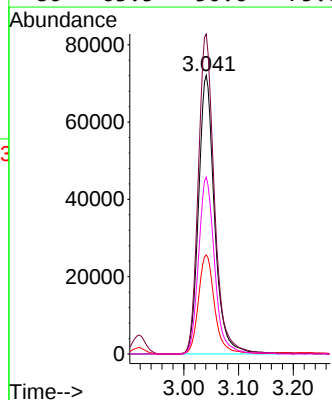
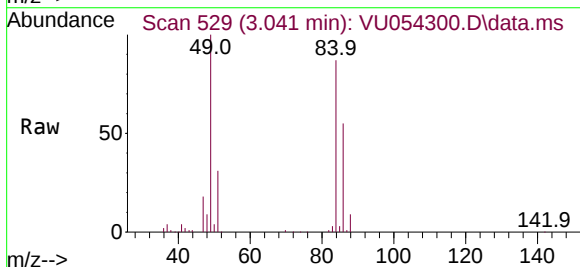
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

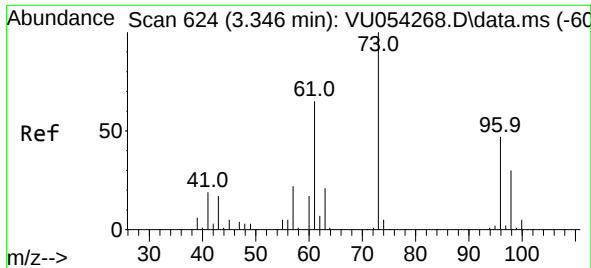
Tgt Ion: 73 Resp: 383232
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 49.269 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 84 Resp: 146509
Ion Ratio Lower Upper
84 100
49 114.9 86.6 129.8
51 35.6 26.6 40.0
86 63.5 50.6 75.8

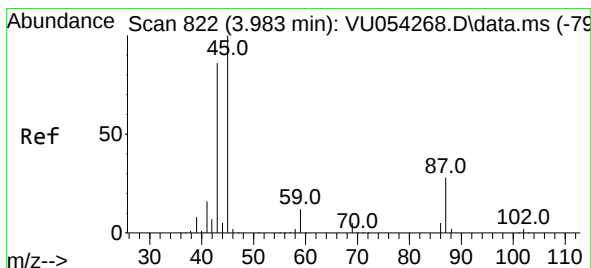
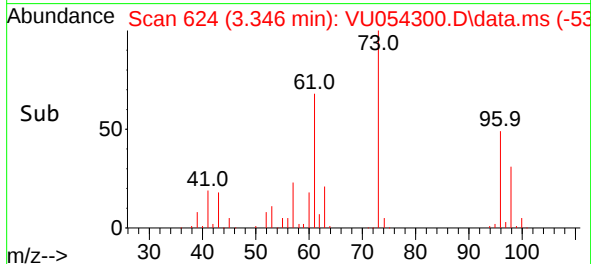
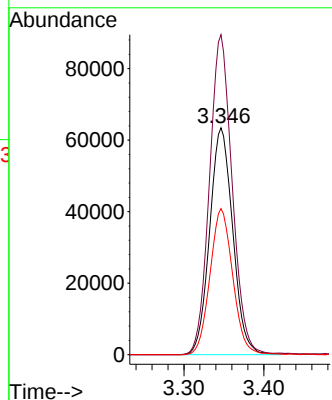
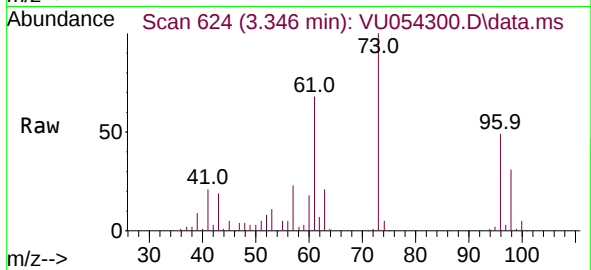




#21
trans-1,2-Dichloroethene
Concen: 50.429 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

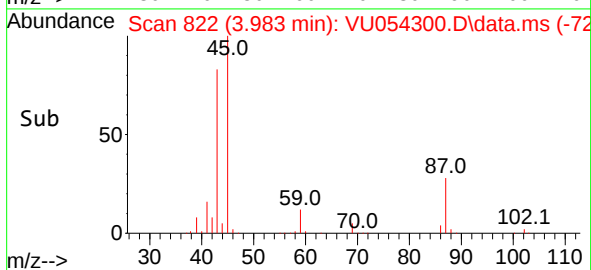
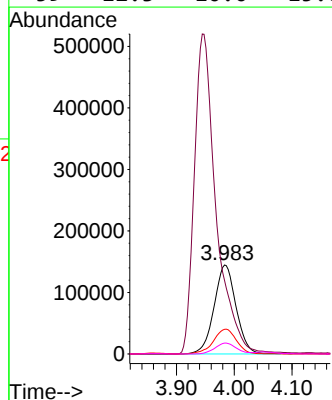
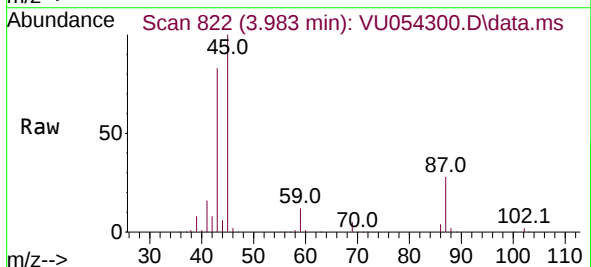
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

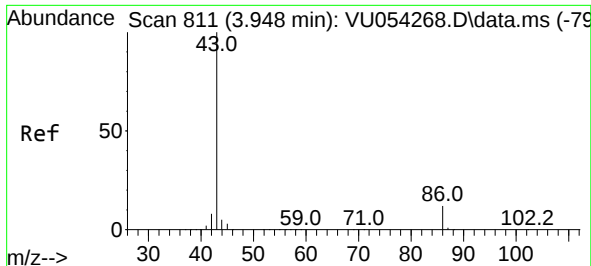
Tgt Ion: 96 Resp: 127392
Ion Ratio Lower Upper
96 100
61 141.0 106.1 159.1
98 64.4 50.8 76.2



#22
Diisopropyl ether
Concen: 52.730 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 45 Resp: 382358
Ion Ratio Lower Upper
45 100
43 82.2 92.9 139.3#
87 27.7 26.2 39.2
59 12.3 10.0 15.0

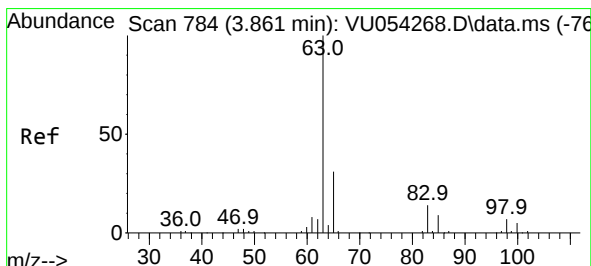
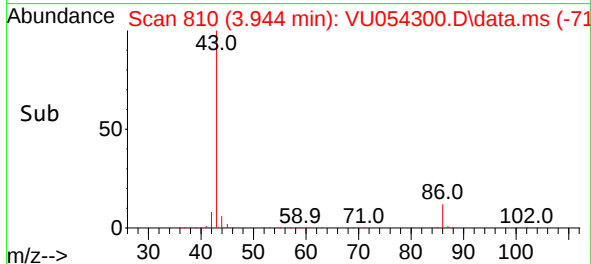
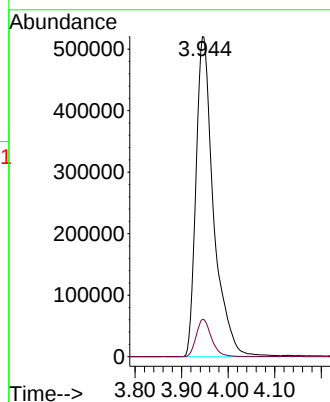
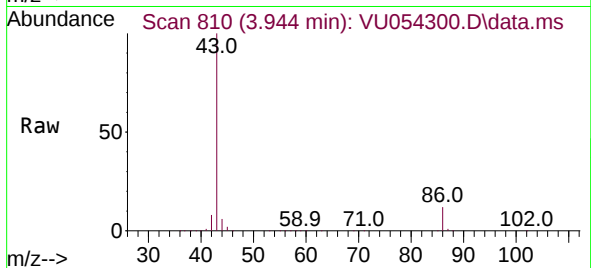




#23
 Vinyl Acetate
 Concen: 258.256 ug/l
 RT: 3.944 min Scan# 811
 Delta R.T. -0.004 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

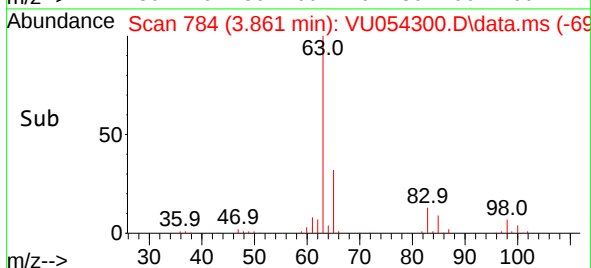
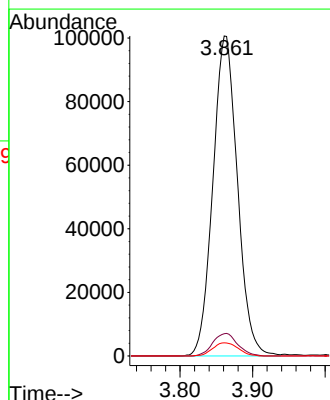
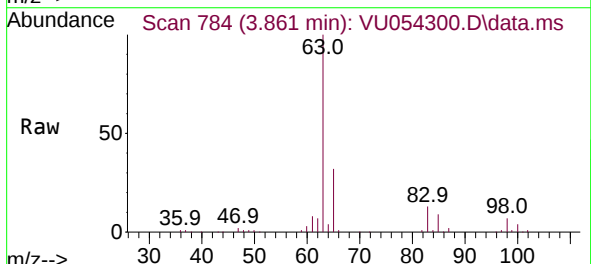
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

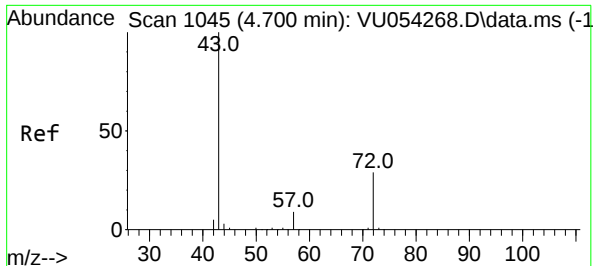
Tgt Ion: 43 Resp: 1366470
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 50.929 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion: 63 Resp: 236467
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 211.525 ug/l

RT: 4.694 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

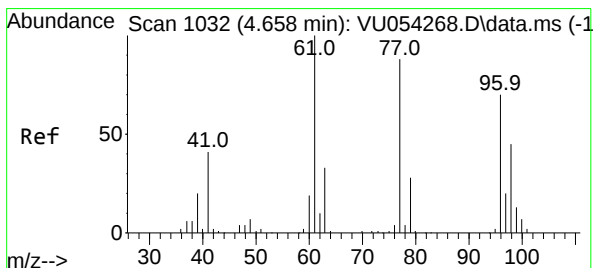
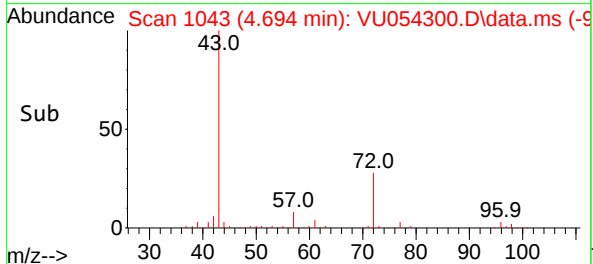
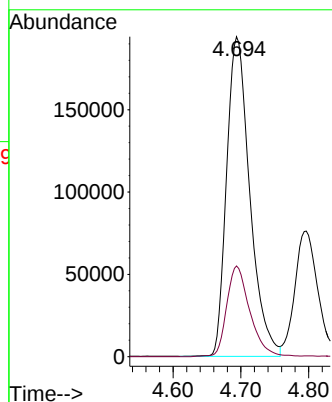
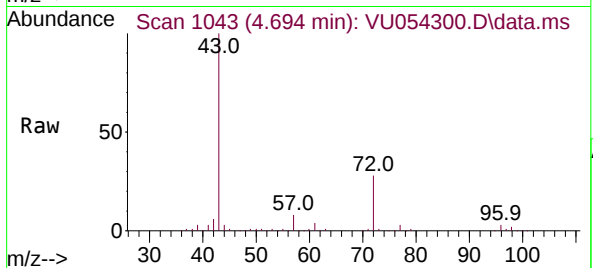
VSTDCCC050EC

Tgt Ion: 43 Resp: 461627

Ion Ratio Lower Upper

43 100

72 28.4 23.8 35.6



#26

2,2-Dichloropropane

Concen: 43.455 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.003 min

Lab File: VU054300.D

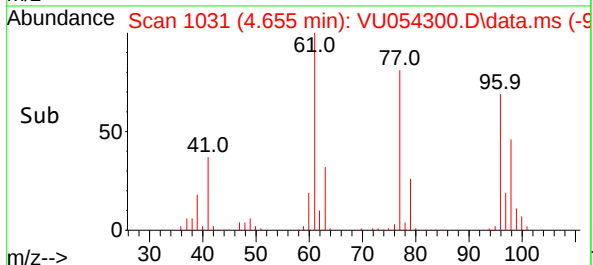
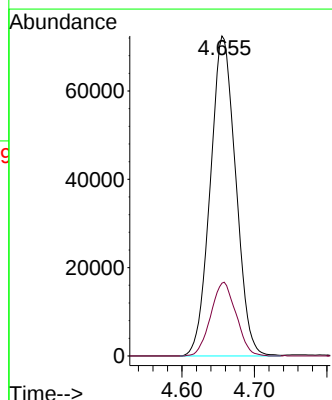
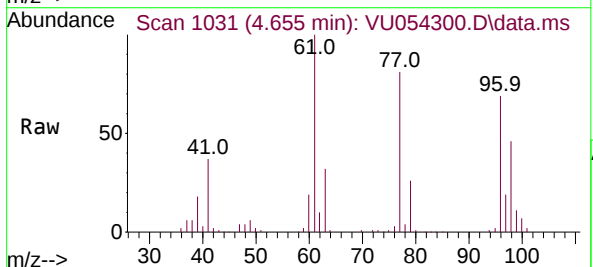
Acq: 26 May 2023 20:57

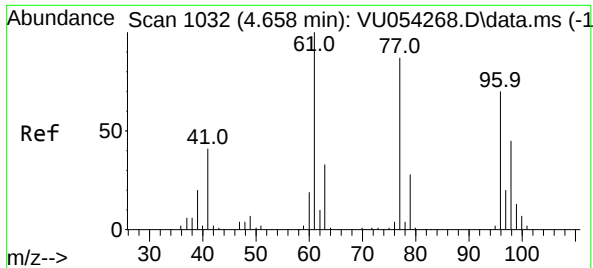
Tgt Ion: 77 Resp: 176327

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8

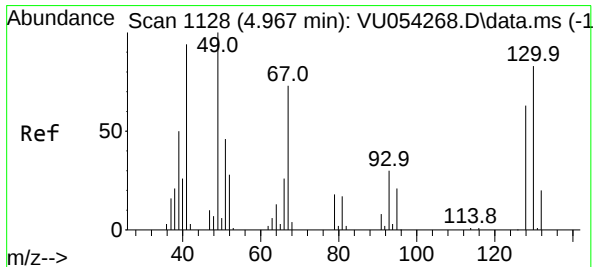
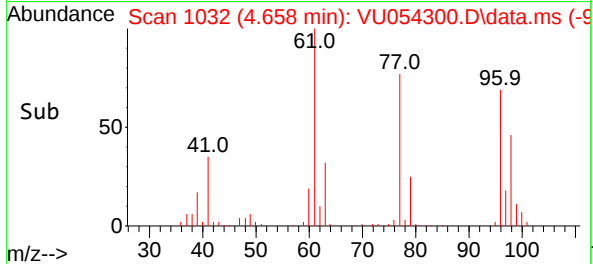
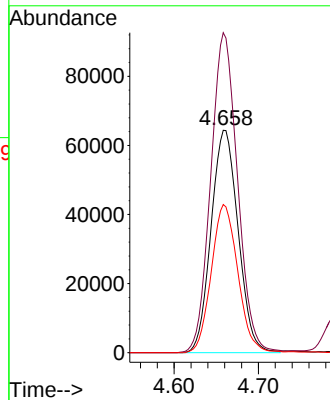
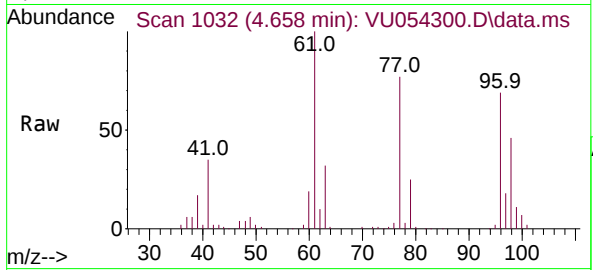




#27
 cis-1,2-Dichloroethene
 Concen: 51.184 ug/l
 RT: 4.658 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

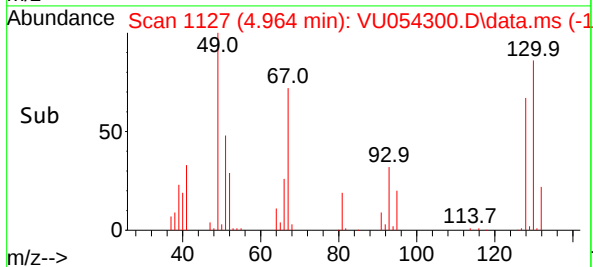
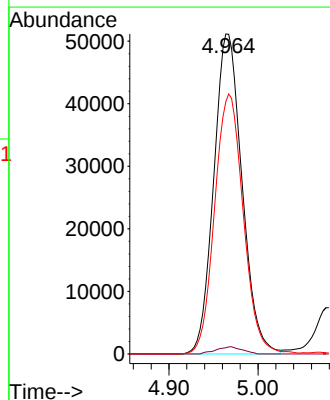
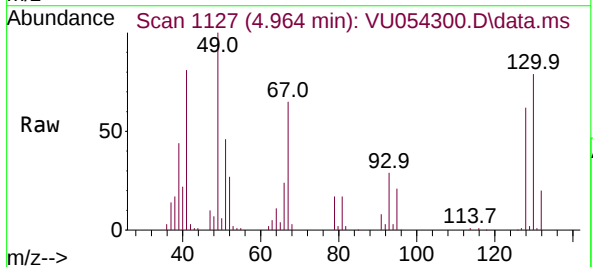
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

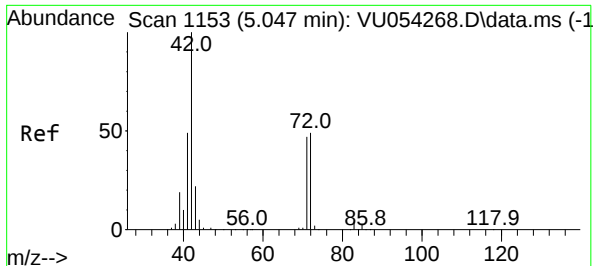
Tgt Ion: 96 Resp: 143836
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 271.6
 98 65.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 52.437 ug/l
 RT: 4.964 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion: 49 Resp: 112667
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.5 76.9 115.3





#29

Tetrahydrofuran

Concen: 217.225 ug/l

RT: 5.044 min Scan# 1152

Delta R.T. -0.003 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

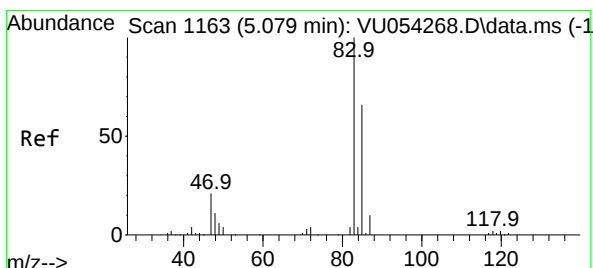
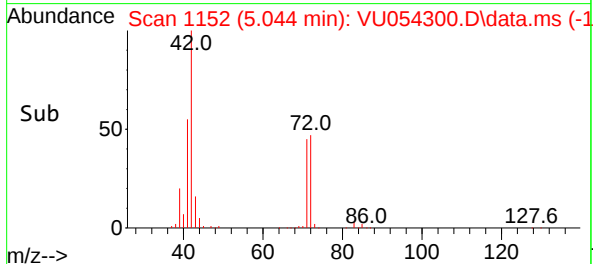
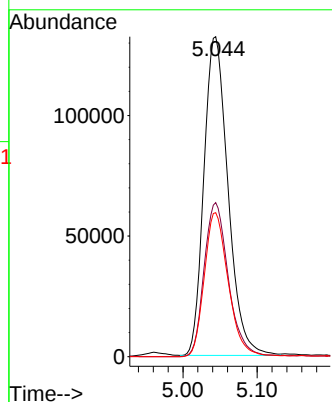
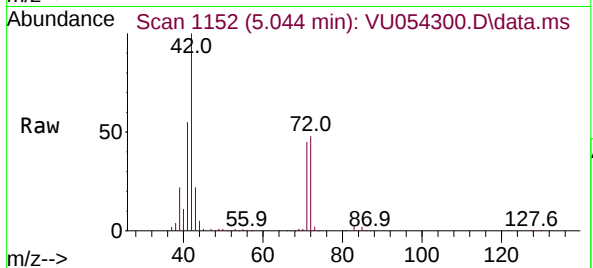
Tgt Ion: 42 Resp: 297988

Ion Ratio Lower Upper

42 100

72 48.9 42.6 63.8

71 45.1 40.3 60.5



#30

Chloroform

Concen: 49.641 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VU054300.D

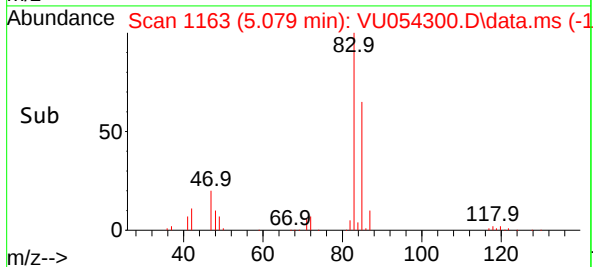
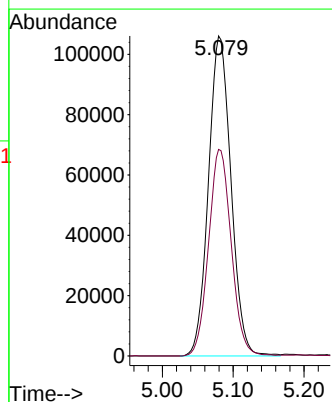
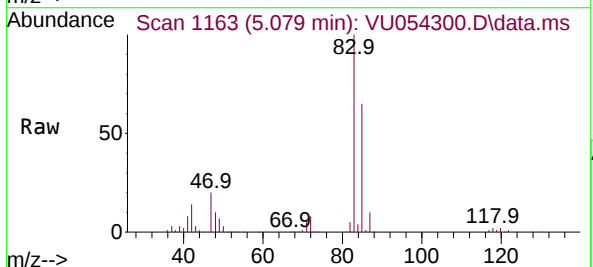
Acq: 26 May 2023 20:57

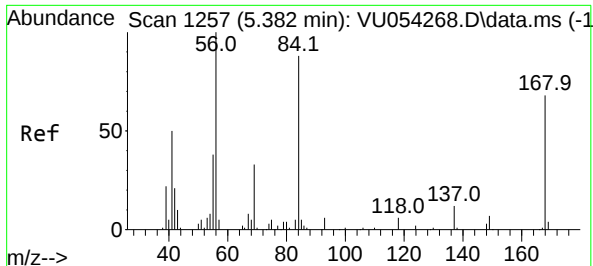
Tgt Ion: 83 Resp: 234298

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

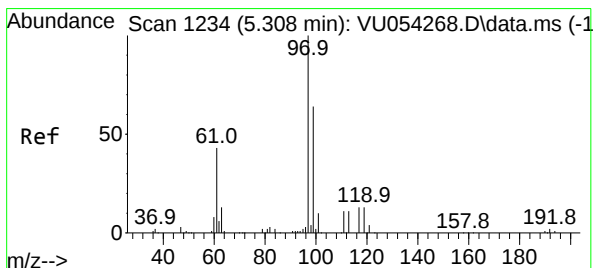
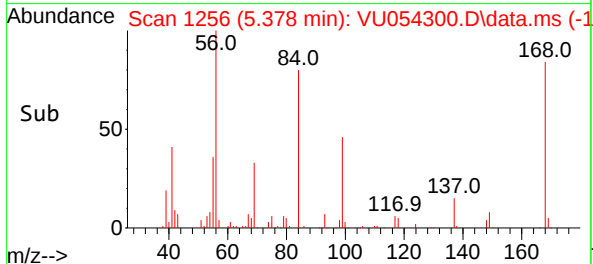
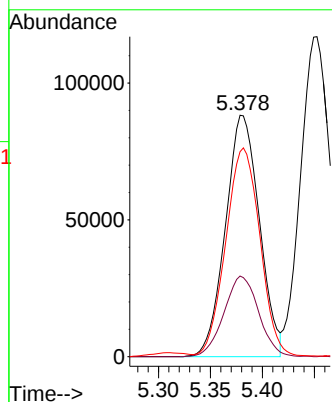
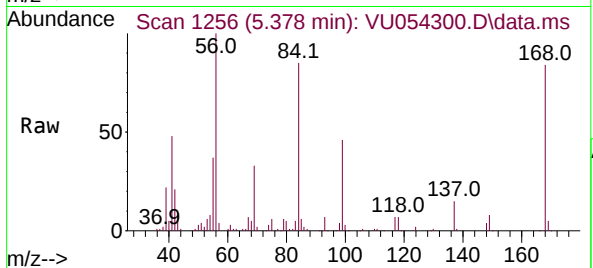




#31
Cyclohexane
Concen: 49.320 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.004 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

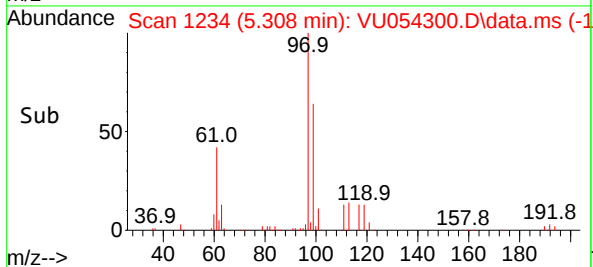
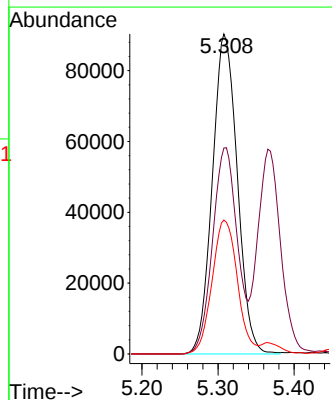
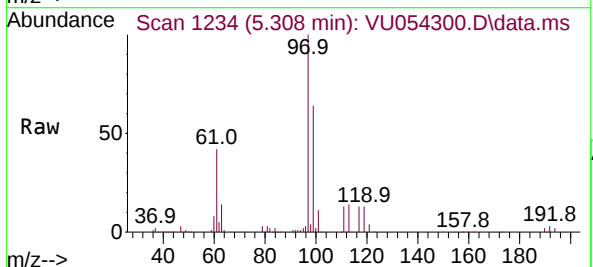
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

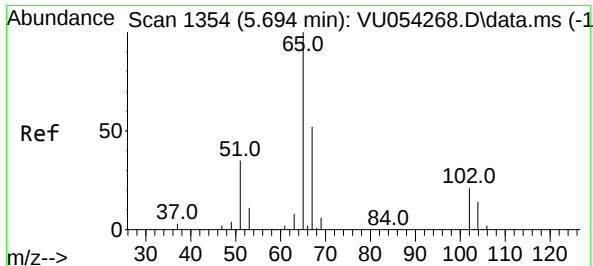
Tgt Ion: 56 Resp: 200260
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.8
84 83.5 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 50.210 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 97 Resp: 205740
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.383 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

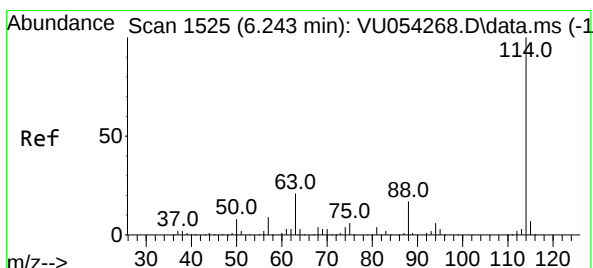
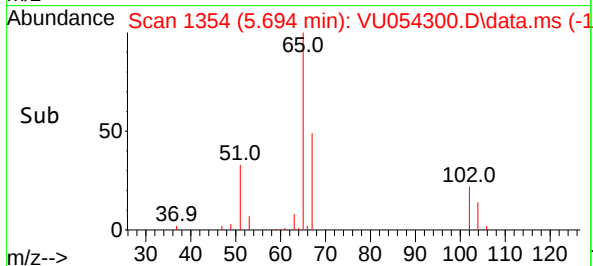
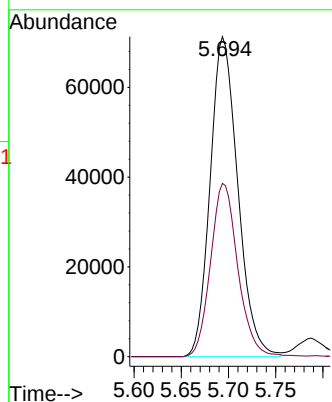
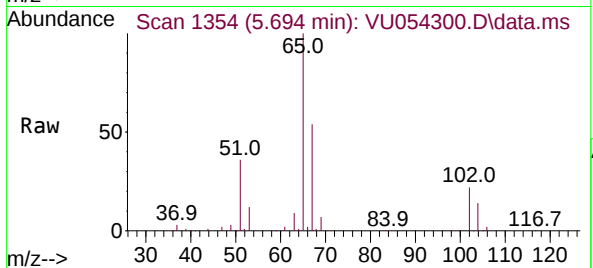
VSTDCCC050EC

Tgt Ion: 65 Resp: 144882

Ion Ratio Lower Upper

65 100

67 53.6 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: VU054300.D

Acq: 26 May 2023 20:57

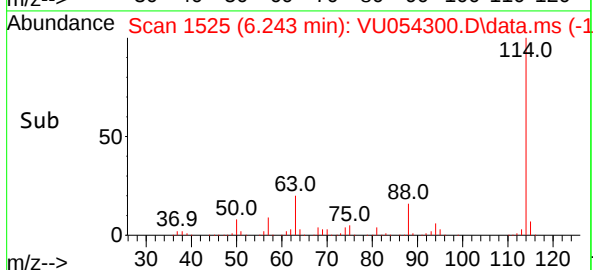
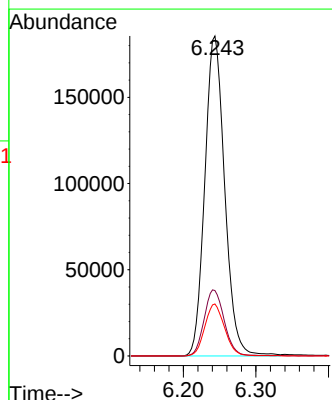
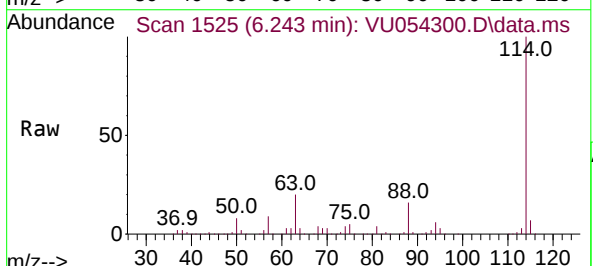
Tgt Ion: 114 Resp: 354092

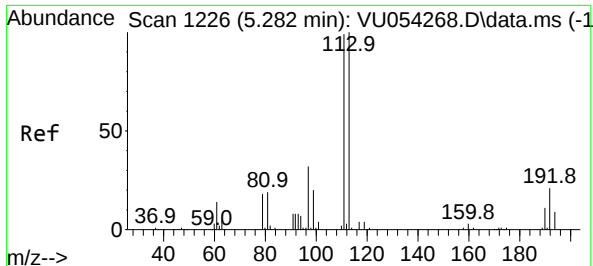
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.8

88 16.2 0.0 29.2

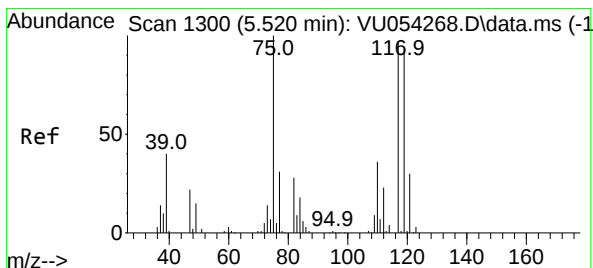
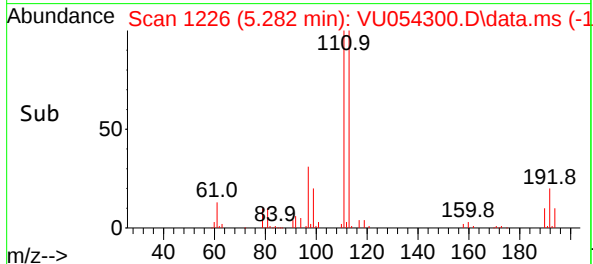
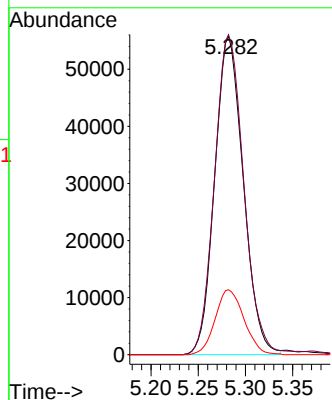
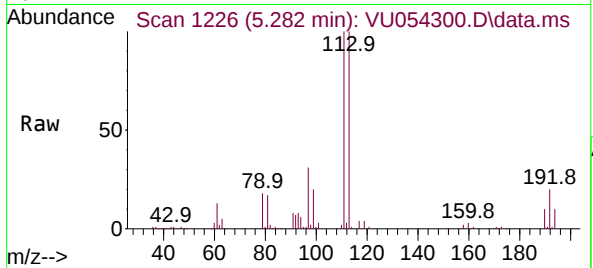




#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 5.282 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

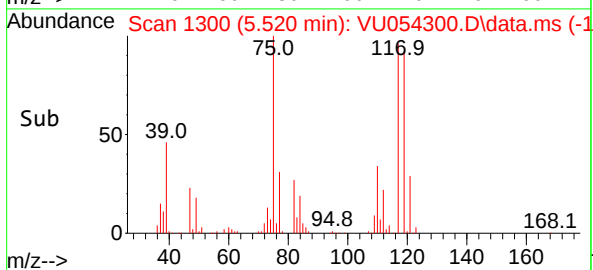
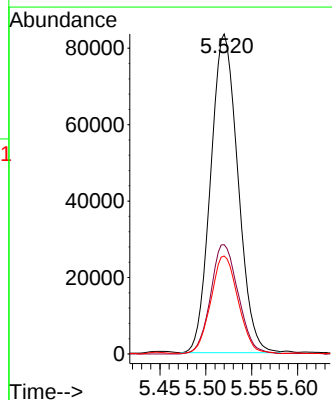
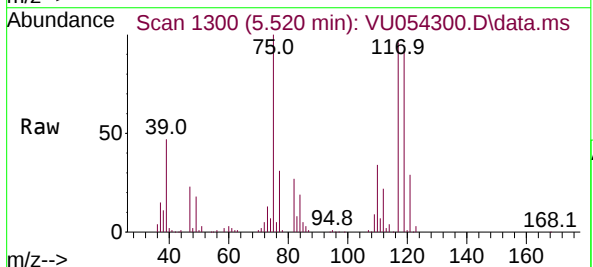
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

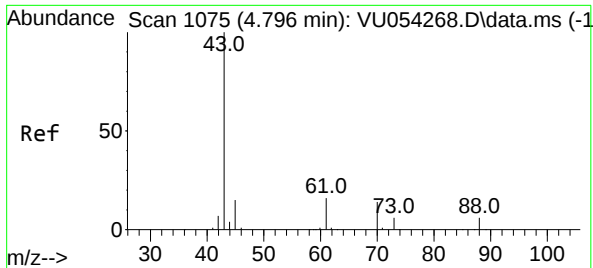
Tgt Ion:113 Resp: 117123
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 20.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 48.179 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 75 Resp: 172555
Ion Ratio Lower Upper
75 100
110 34.8 18.4 55.2
77 30.3 25.1 37.7

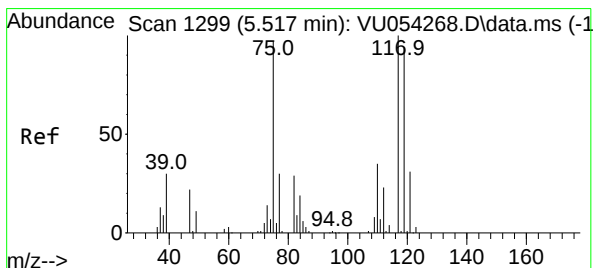
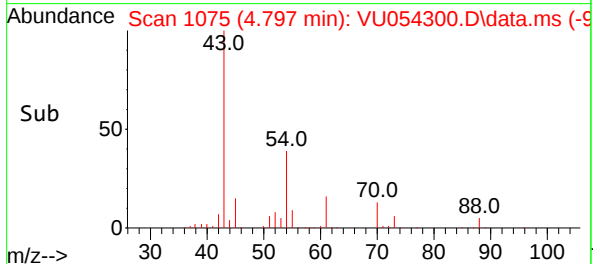
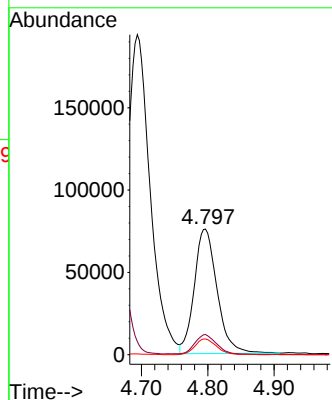
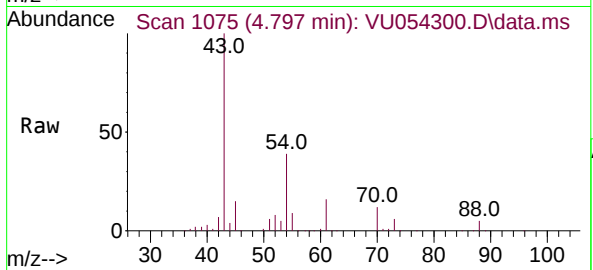




#37
Ethyl Acetate
Concen: 41.428 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

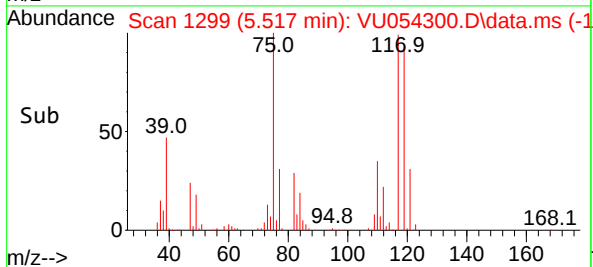
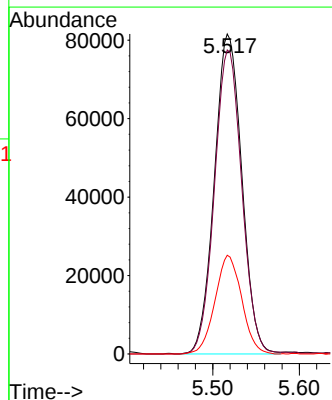
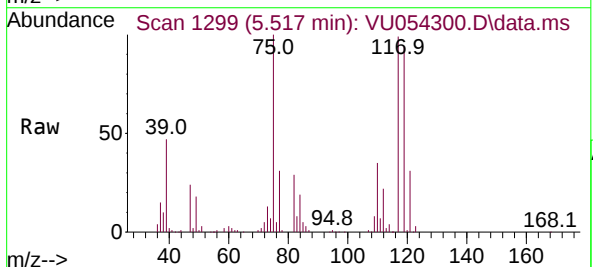
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

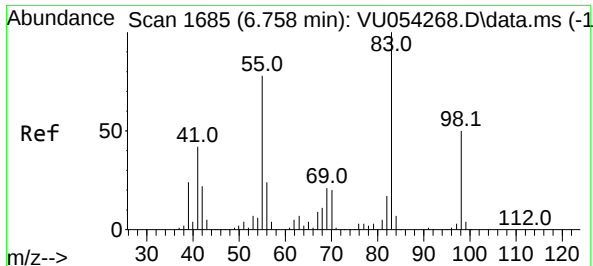
Tgt Ion: 43 Resp: 180829
Ion Ratio Lower Upper
43 100
61 15.3 9.5 14.3#
70 11.9 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 49.029 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:117 Resp: 179734
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 48.657 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

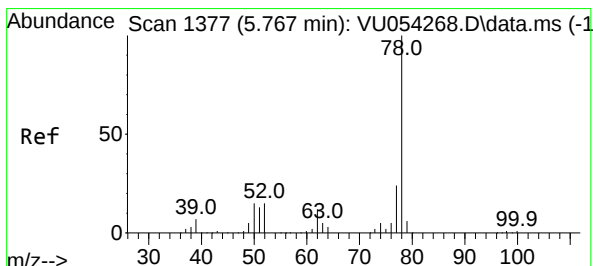
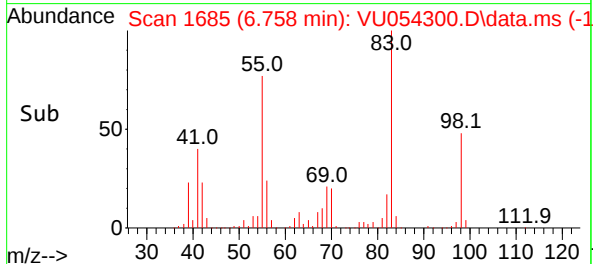
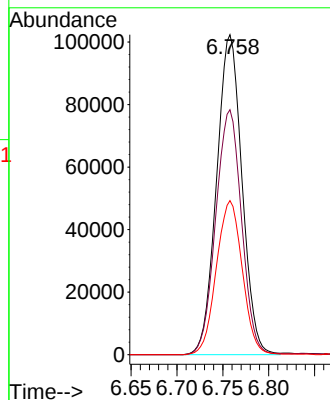
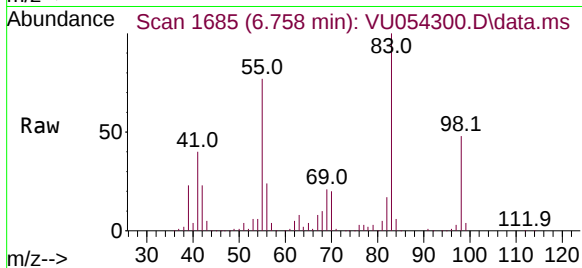
Tgt Ion: 83 Resp: 197386

Ion Ratio Lower Upper

83 100

55 76.5 55.3 82.9

98 48.2 37.3 55.9



#40

Benzene

Concen: 49.930 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054300.D

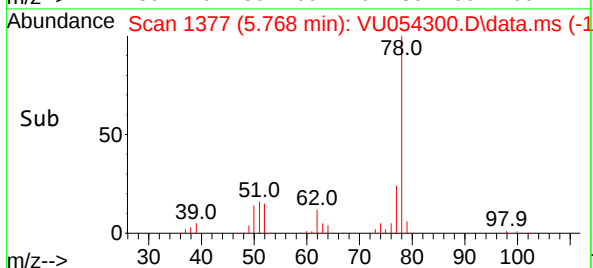
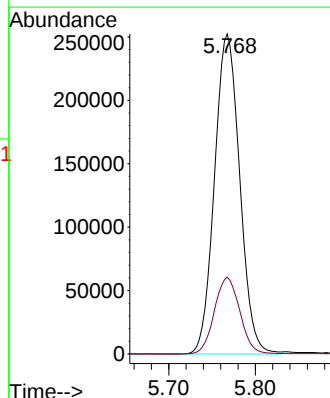
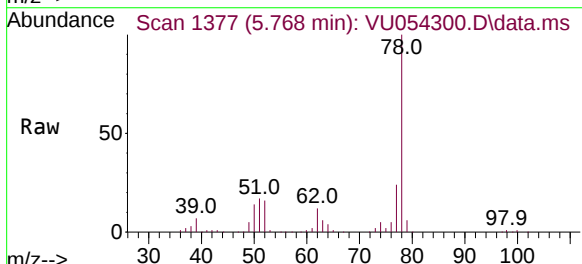
Acq: 26 May 2023 20:57

Tgt Ion: 78 Resp: 510082

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



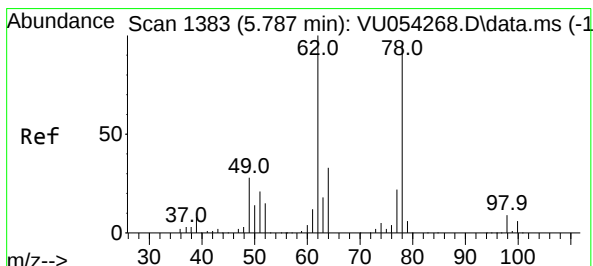
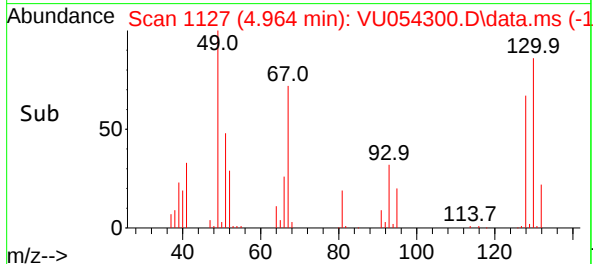
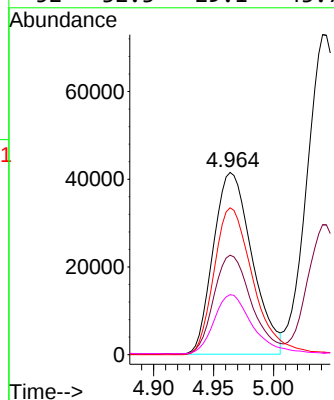
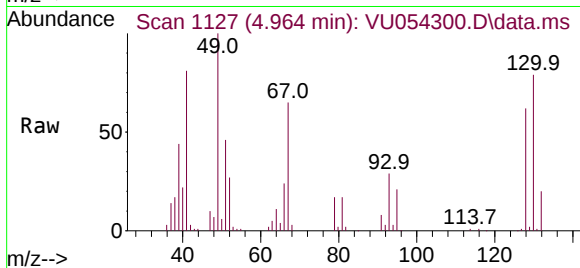


#41
Methacrylonitrile
Concen: 46.264 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 93330

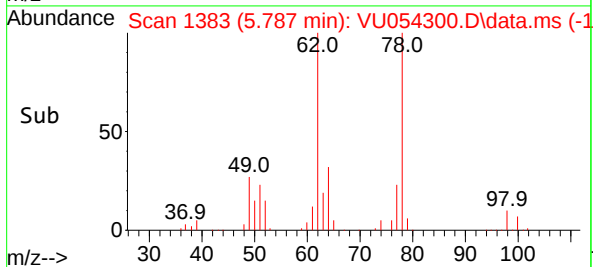
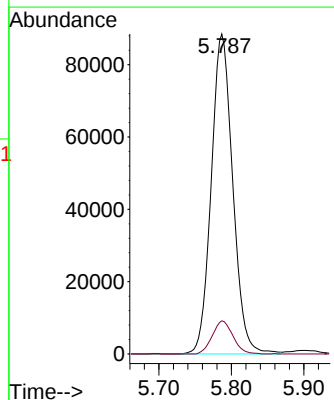
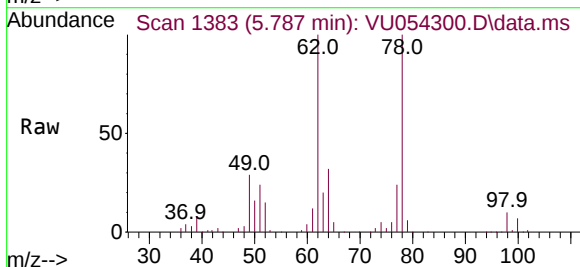
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.1	64.7
67	82.6	72.3	108.5
52	32.3	29.1	43.7



#42
1,2-Dichloroethane
Concen: 49.185 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 62 Resp: 182534

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6

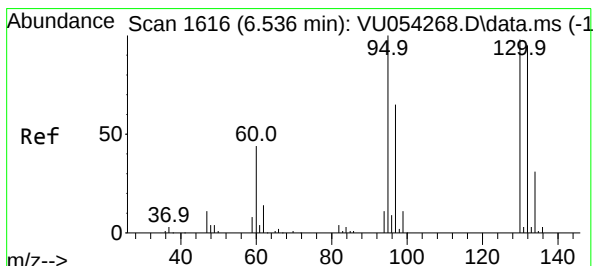
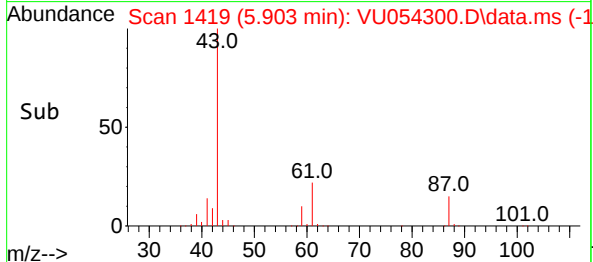
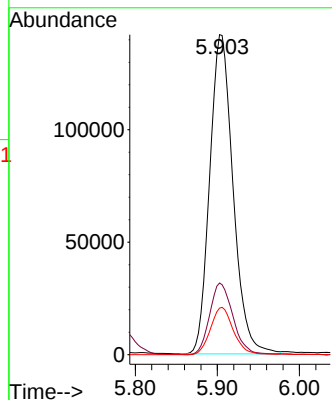
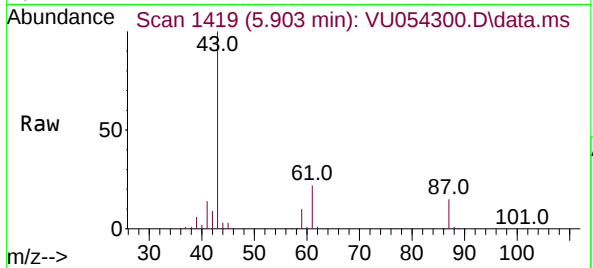




#43
Isopropyl Acetate
Concen: 46.678 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

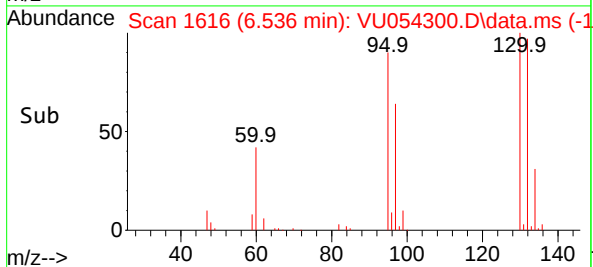
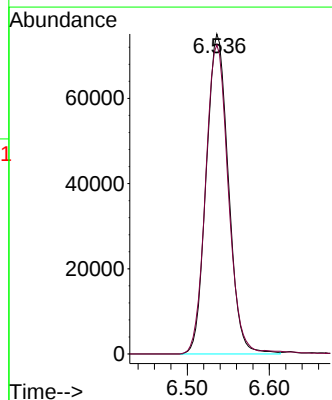
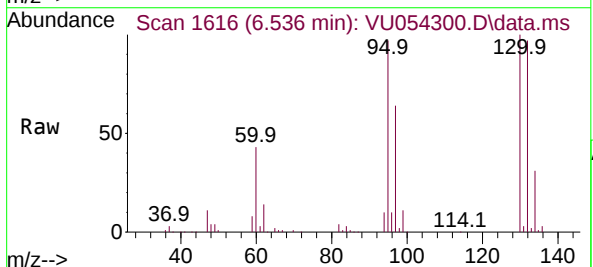
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

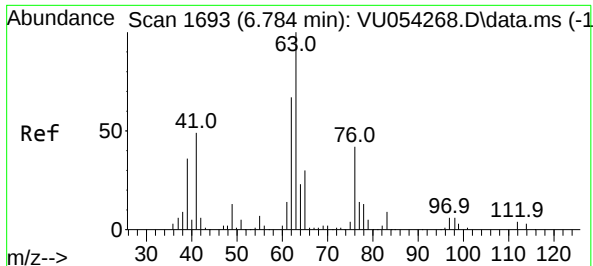
Tgt Ion: 43 Resp: 281033
Ion Ratio Lower Upper
43 100
61 22.4 17.4 26.0
87 14.5 12.6 18.8



#44
Trichloroethene
Concen: 49.384 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 130 Resp: 141028
Ion Ratio Lower Upper
130 100
95 96.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 50.475 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

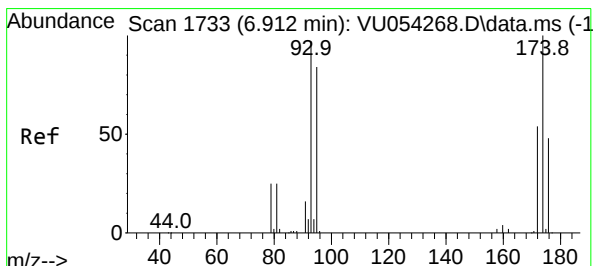
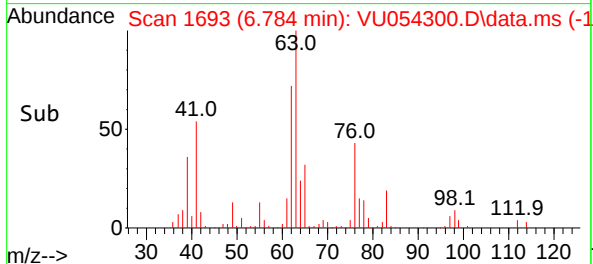
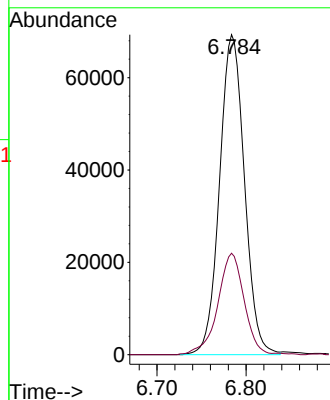
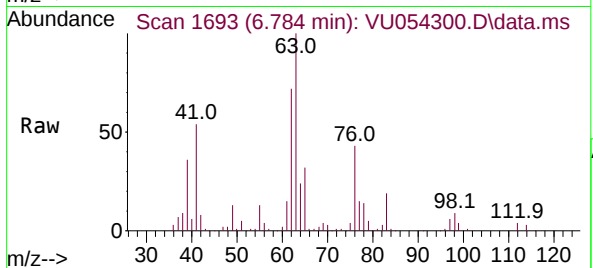
VSTDCCC050EC

Tgt Ion: 63 Resp: 134519

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 49.268 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

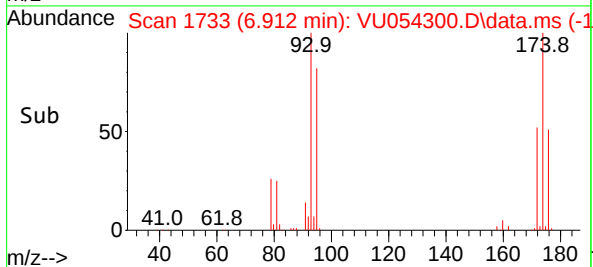
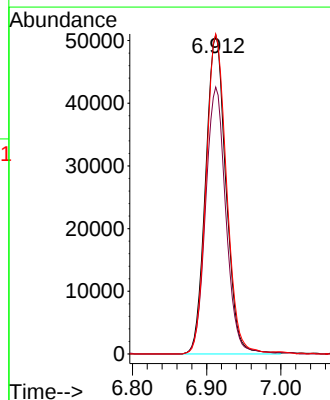
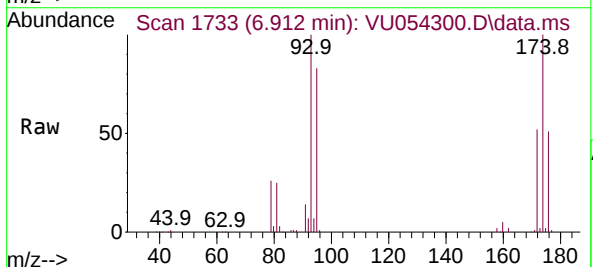
Tgt Ion: 93 Resp: 96651

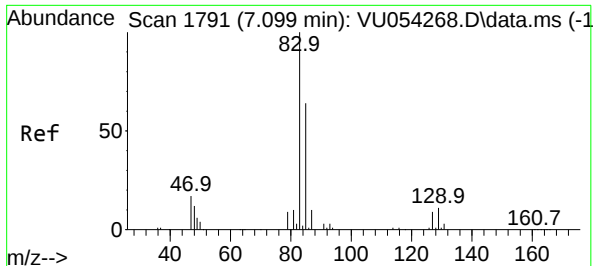
Ion Ratio Lower Upper

93 100

95 83.2 66.3 99.5

174 100.4 88.2 132.4





#47

Bromodichloromethane

Concen: 49.698 ug/l

RT: 7.099 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

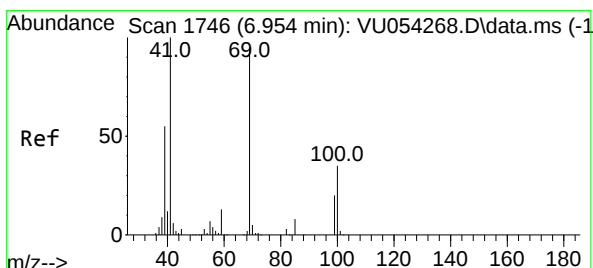
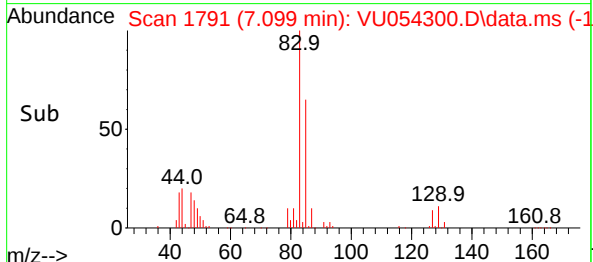
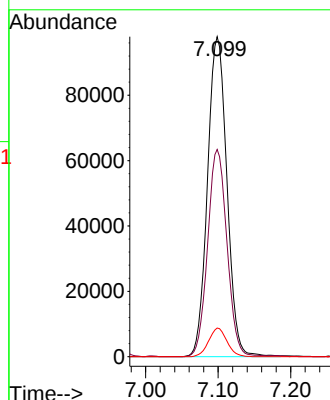
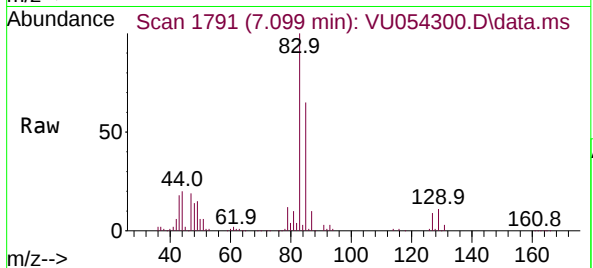
Tgt Ion: 83 Resp: 182327

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 48.418 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

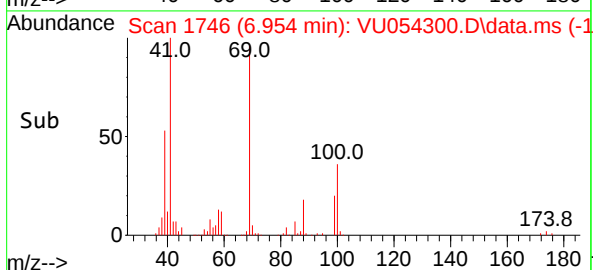
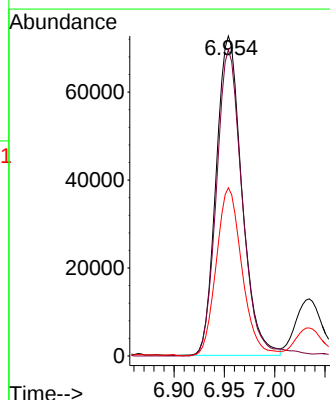
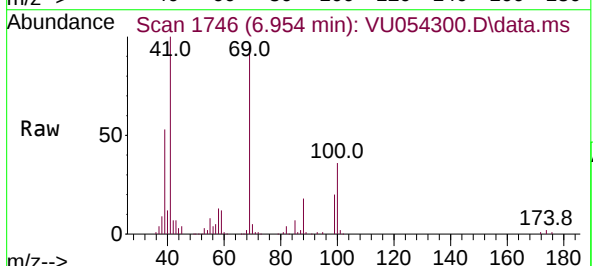
Tgt Ion: 41 Resp: 129278

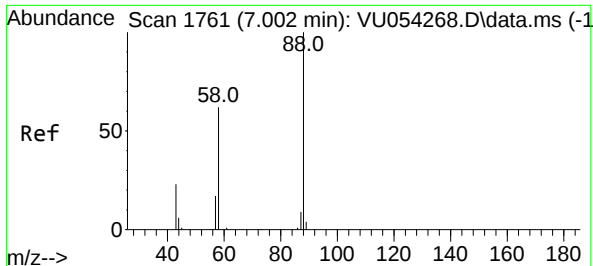
Ion Ratio Lower Upper

41 100

69 96.6 79.8 119.6

39 52.8 47.9 71.9





#49

1,4-Dioxane

Concen: 844.936 ug/l

RT: 6.973 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

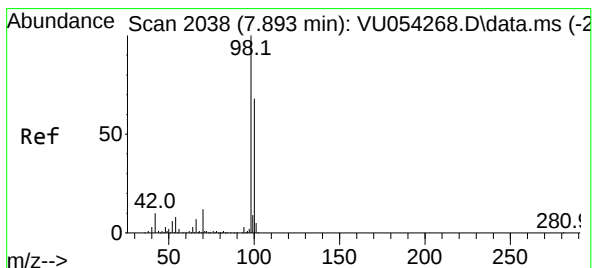
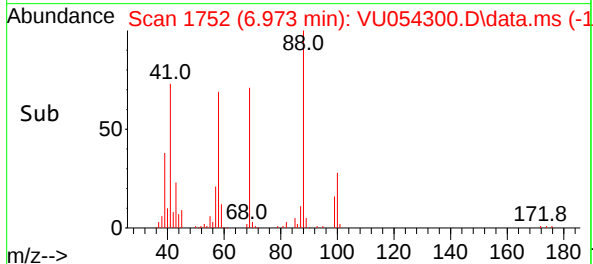
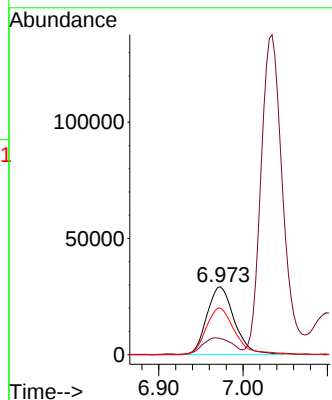
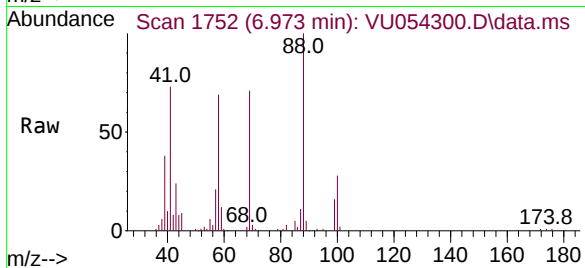
Tgt Ion: 88 Resp: 65129

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 74.2 15.4 23.0#



#50

Toluene-d8

Concen: 50.938 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054300.D

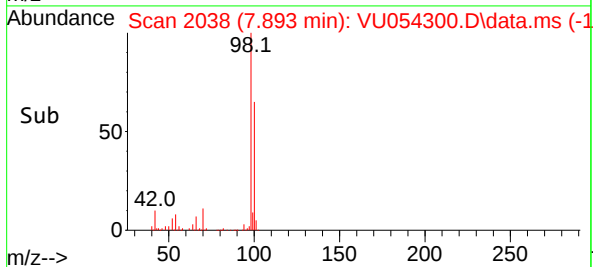
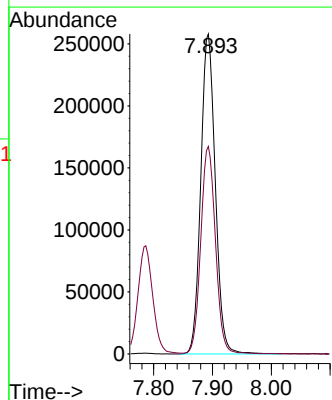
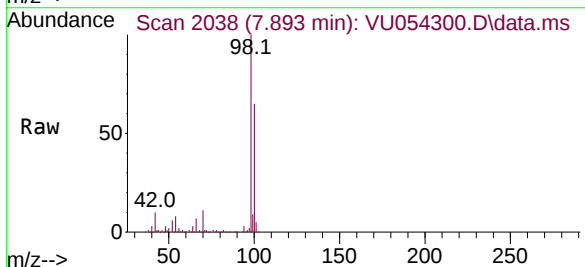
Acq: 26 May 2023 20:57

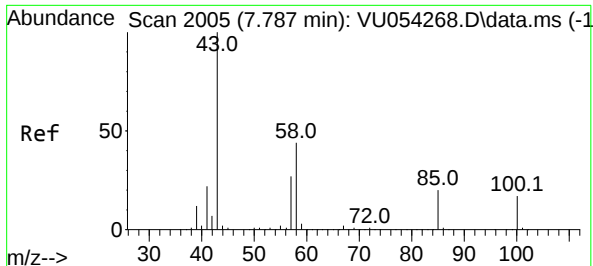
Tgt Ion: 98 Resp: 441809

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 224.379 ug/l

RT: 7.784 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

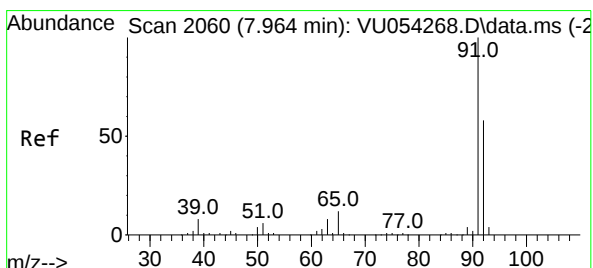
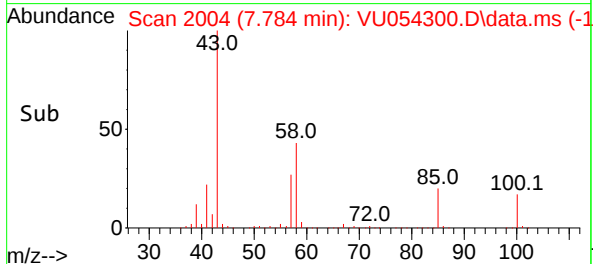
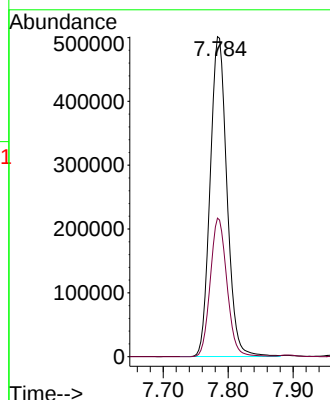
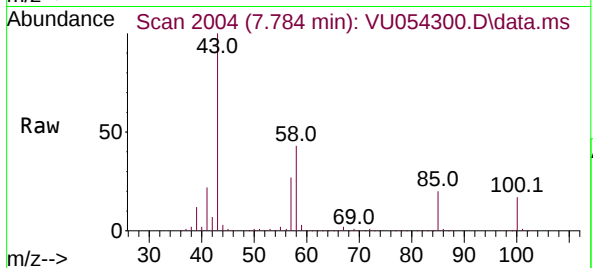
VSTDCCC050EC

Tgt Ion: 43 Resp: 901523

Ion Ratio Lower Upper

43 100

58 43.0 34.7 52.1



#52

Toluene

Concen: 49.126 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054300.D

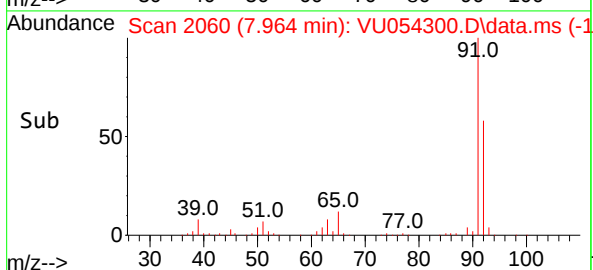
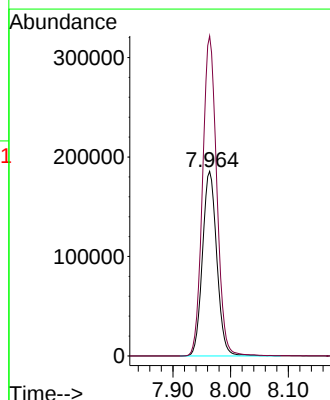
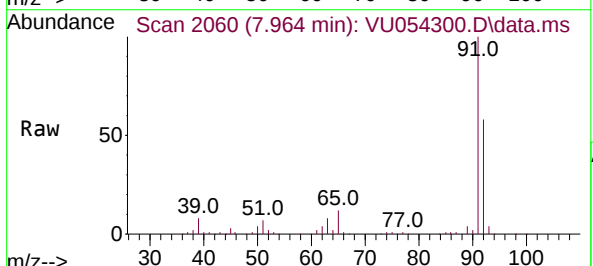
Acq: 26 May 2023 20:57

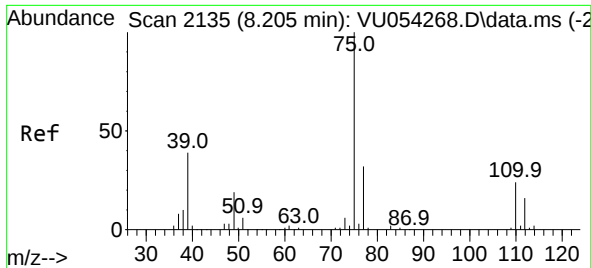
Tgt Ion: 92 Resp: 320006

Ion Ratio Lower Upper

92 100

91 172.0 138.2 207.4

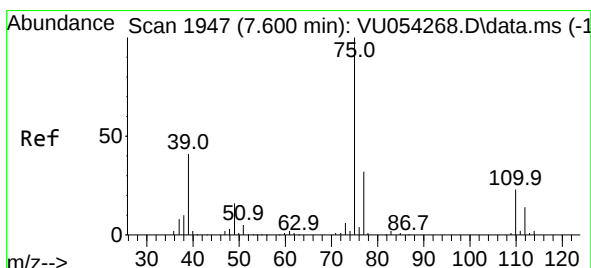
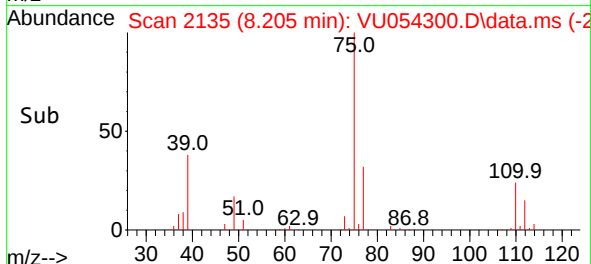
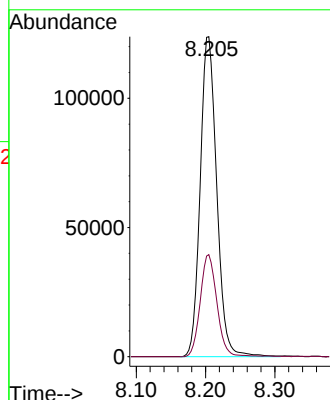
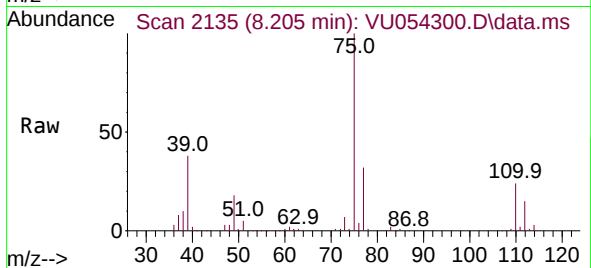




#53
 t-1,3-Dichloropropene
 Concen: 48.903 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

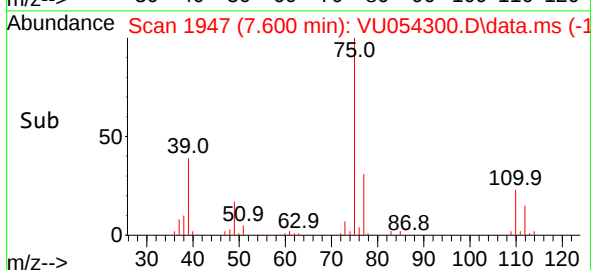
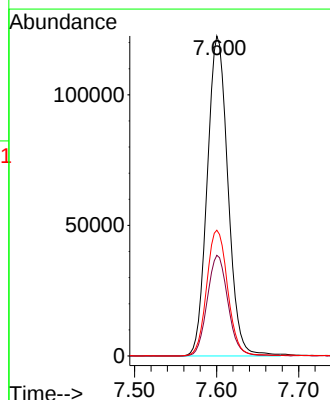
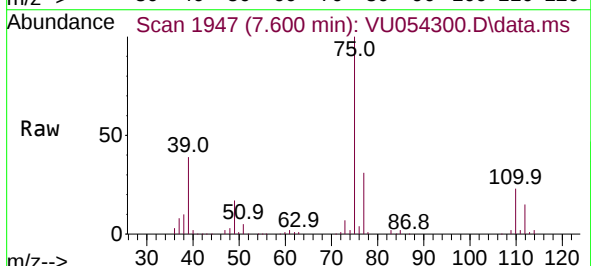
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

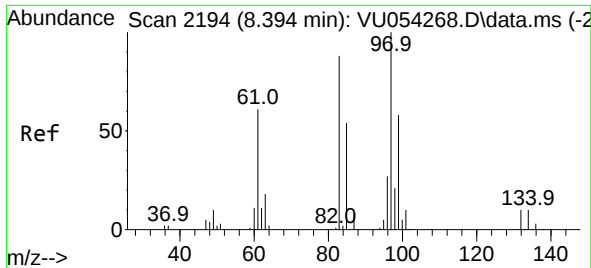
Tgt Ion: 75 Resp: 205261
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.166 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion: 75 Resp: 215361
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 39.3 33.0 49.6

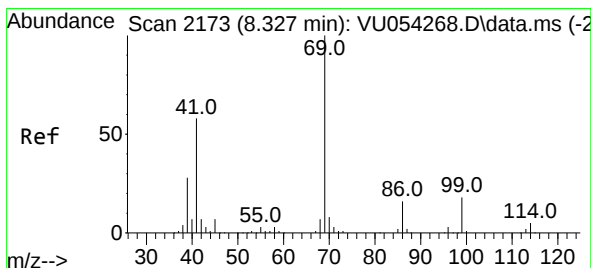
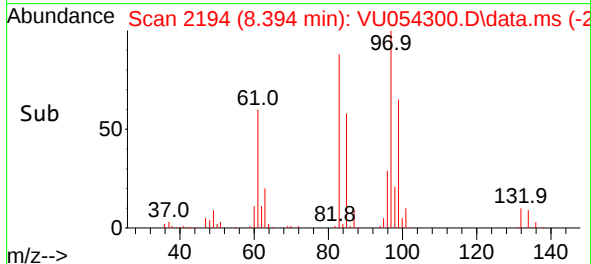
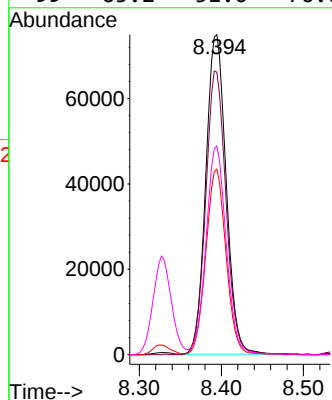
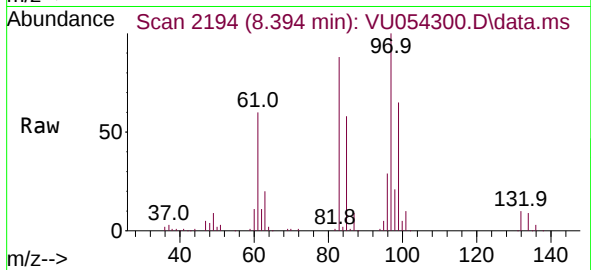




#55
1,1,2-Trichloroethane
Concen: 47.748 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

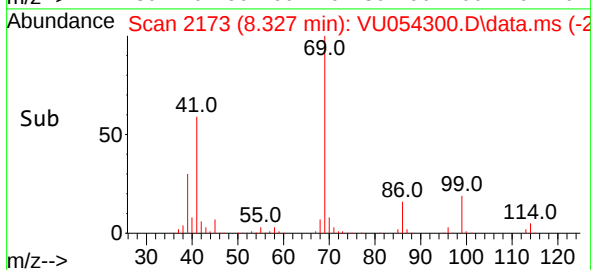
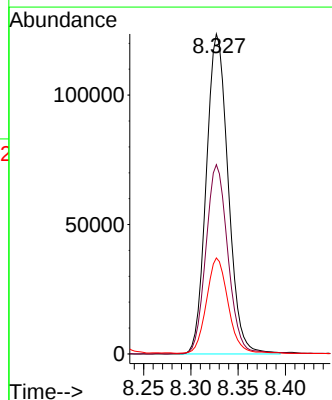
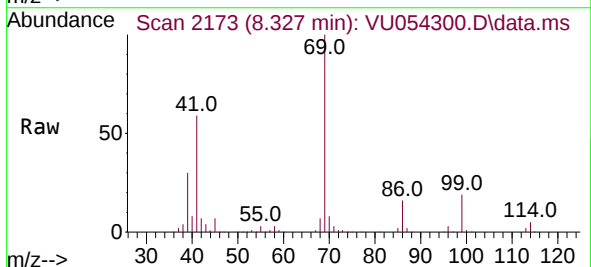
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

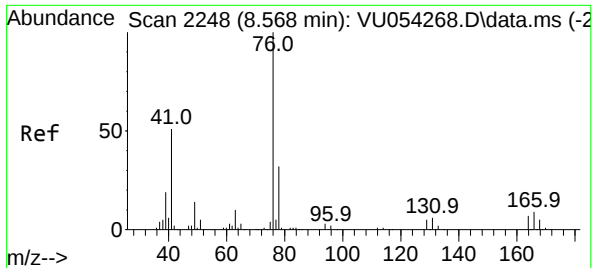
Tgt Ion:	97	Resp:	128899
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.4
85	57.9	44.6	66.8
99	65.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 49.580 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:	69	Resp:	199233
Ion	Ratio	Lower	Upper
69	100		
41	59.9	45.4	68.0
39	29.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.741 ug/l

RT: 8.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

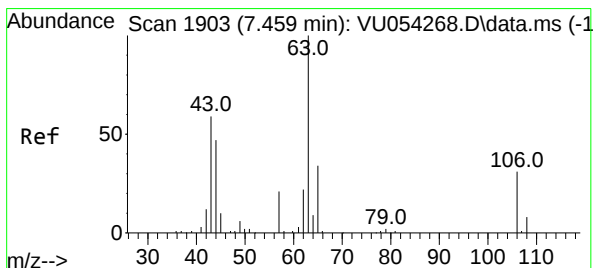
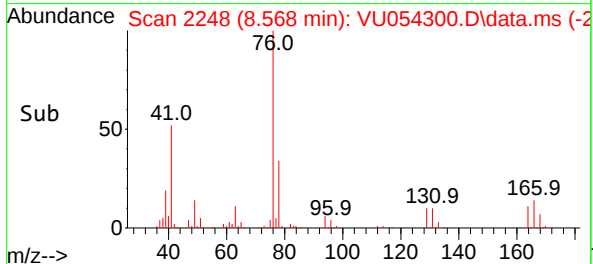
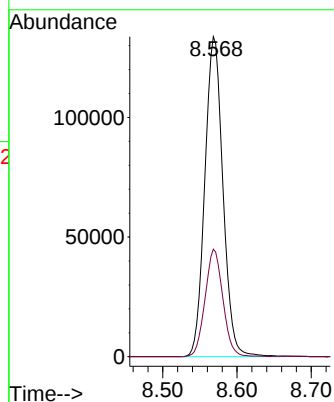
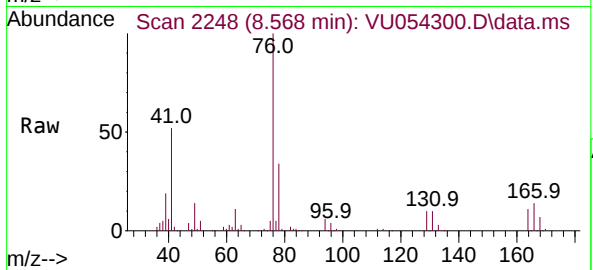
VSTDCCC050EC

Tgt Ion: 76 Resp: 226597

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 153.063 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054300.D

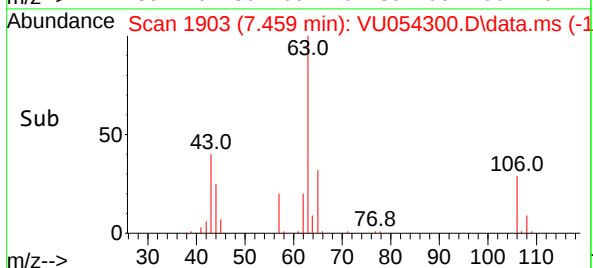
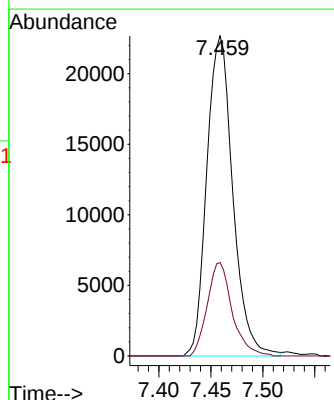
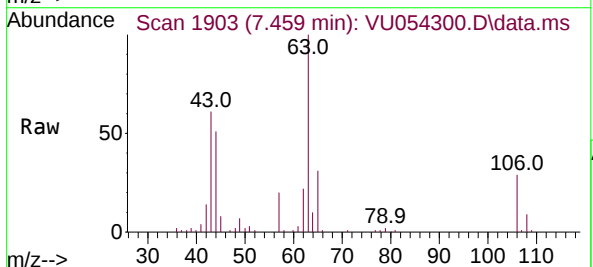
Acq: 26 May 2023 20:57

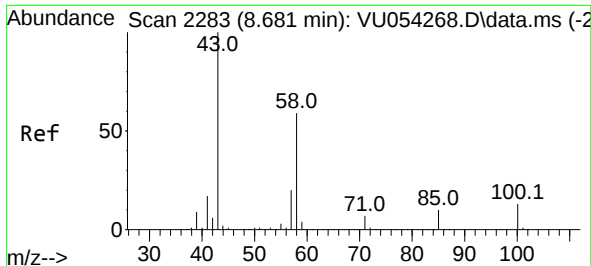
Tgt Ion: 63 Resp: 39435

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7





#59

2-Hexanone

Concen: 216.545 ug/l

RT: 8.677 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

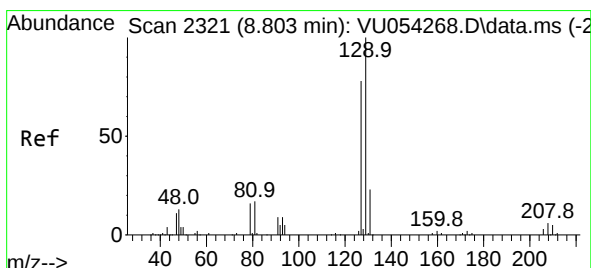
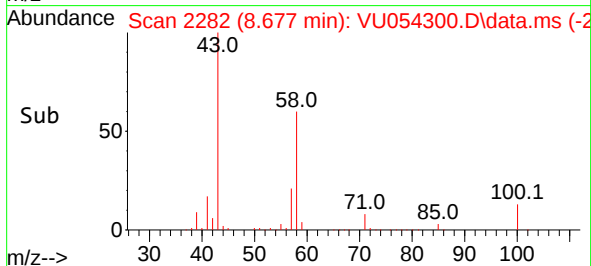
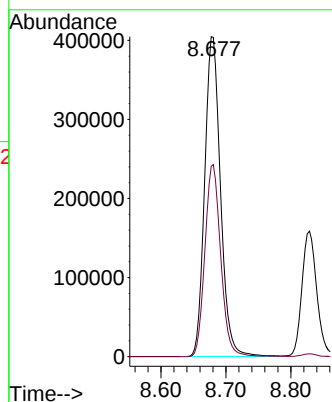
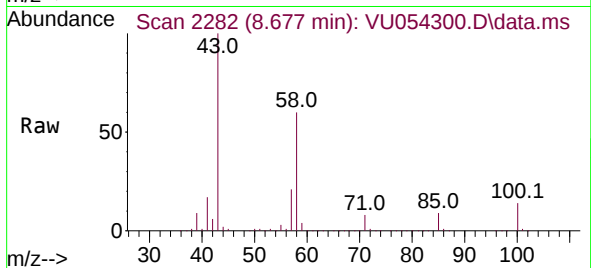
VSTDCCC050EC

Tgt Ion: 43 Resp: 687296

Ion Ratio Lower Upper

43 100

58 60.0 30.3 90.8



#60

Dibromochloromethane

Concen: 50.062 ug/l

RT: 8.803 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VU054300.D

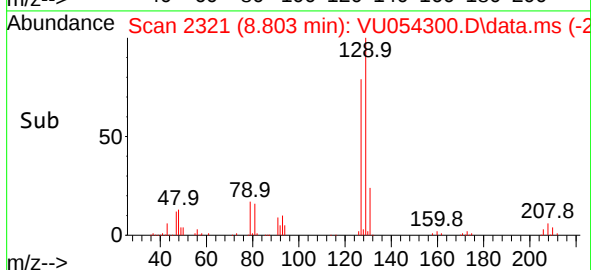
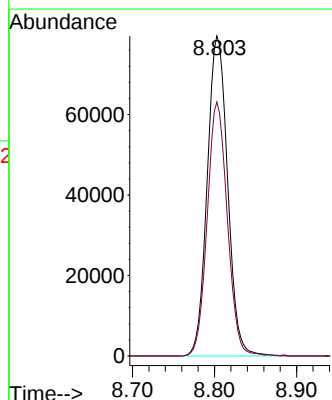
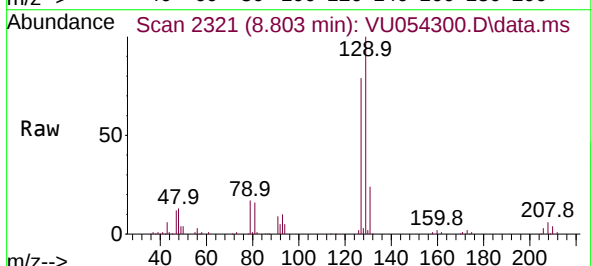
Acq: 26 May 2023 20:57

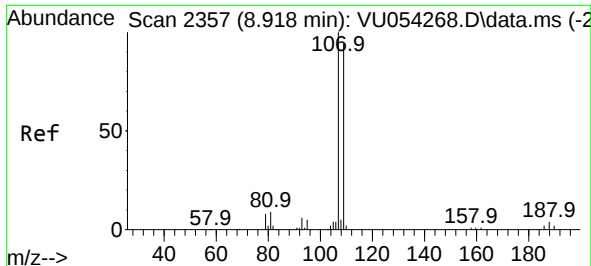
Tgt Ion: 129 Resp: 137307

Ion Ratio Lower Upper

129 100

127 78.2 38.6 116.0

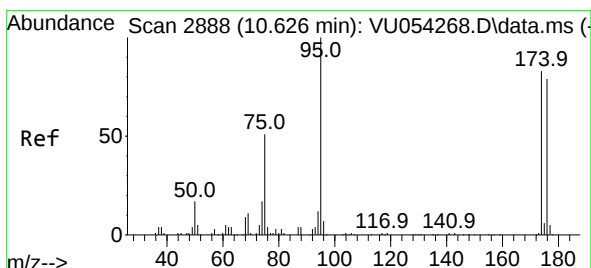
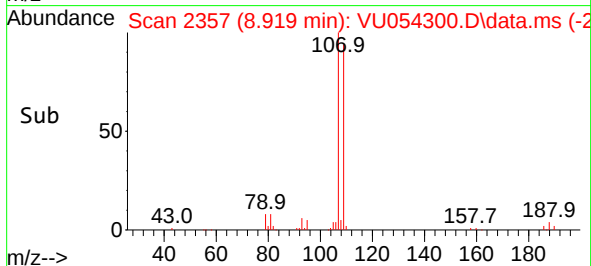
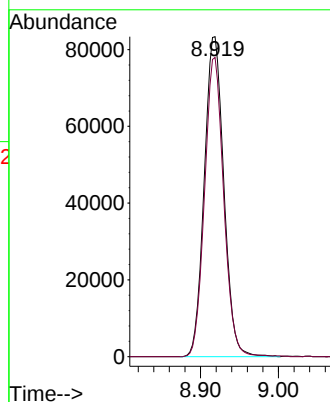
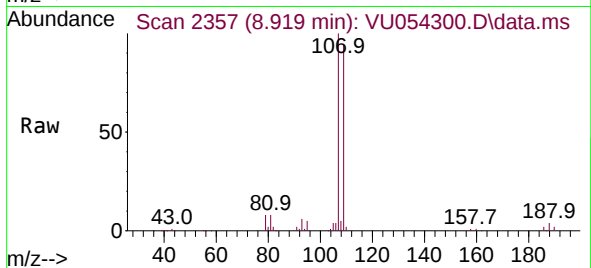




#61
1,2-Dibromoethane
Concen: 49.348 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

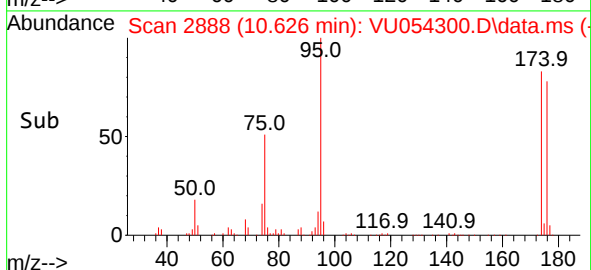
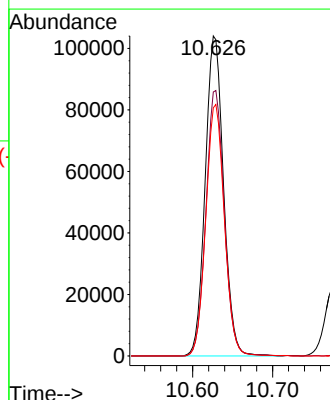
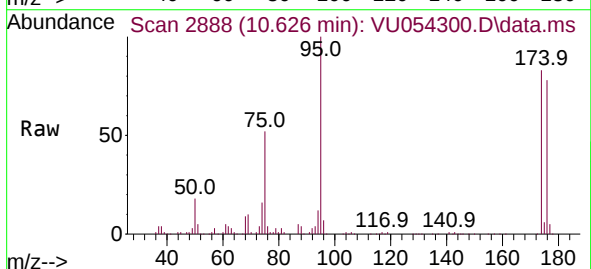
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

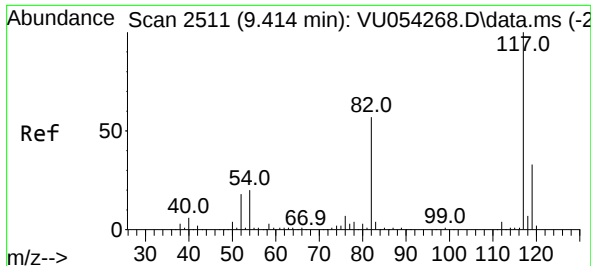
Tgt Ion:107 Resp: 144987
Ion Ratio Lower Upper
107 100
109 91.7 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.358 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 95 Resp: 165994
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.0
176 79.7 0.0 177.8

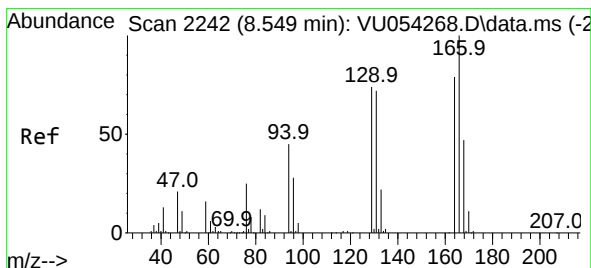
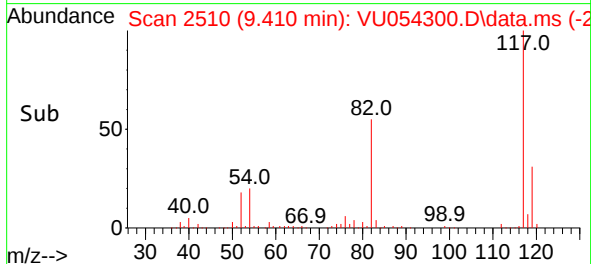
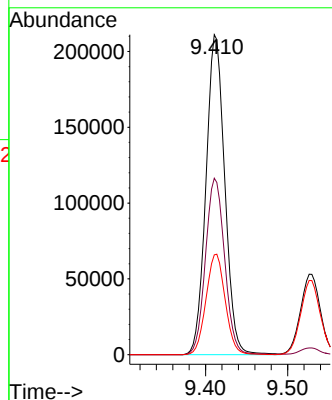
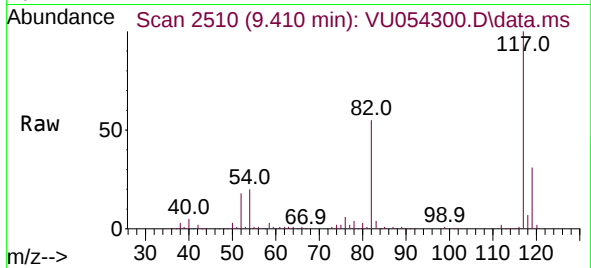




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

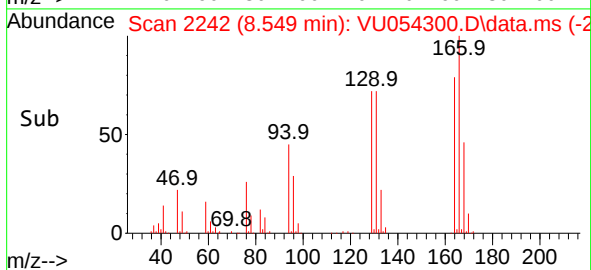
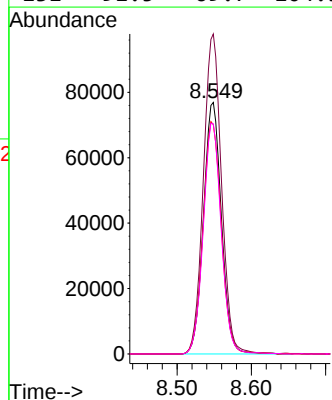
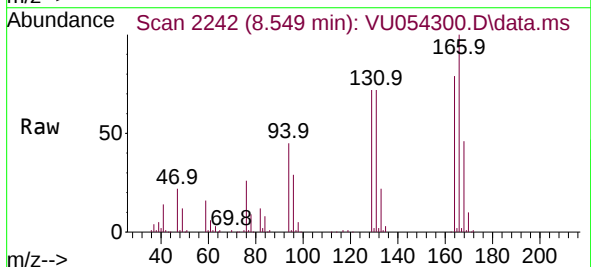
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

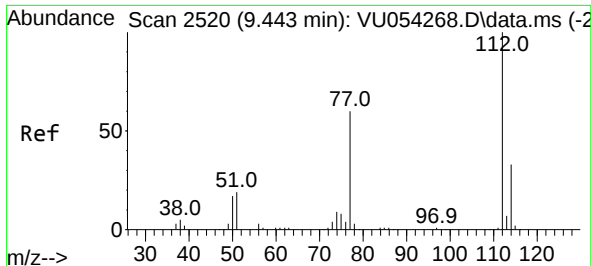
Tgt Ion:117 Resp: 336589
Ion Ratio Lower Upper
117 100
82 55.1 41.7 62.5
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 50.997 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:164 Resp: 129189
Ion Ratio Lower Upper
164 100
166 127.2 100.0 150.0
129 91.2 72.0 108.0
131 91.5 69.7 104.5

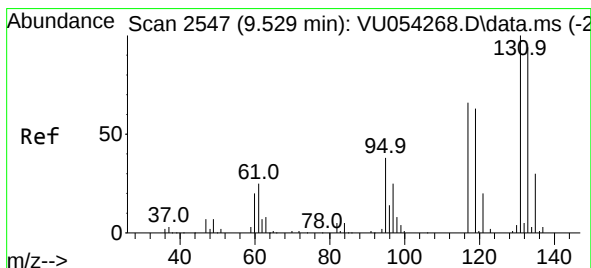
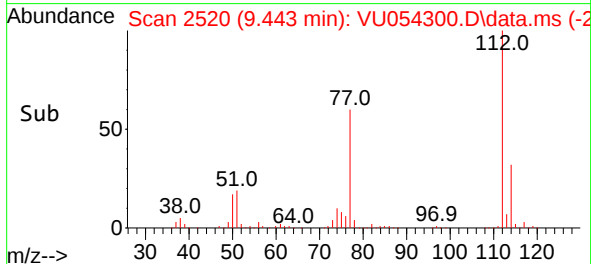
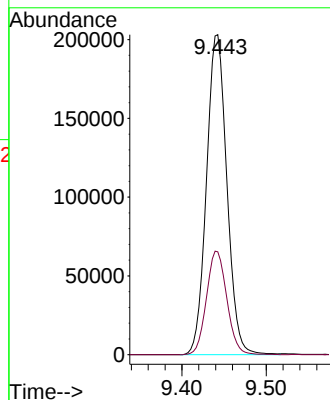
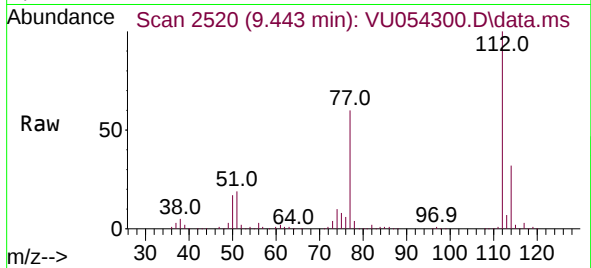




#65
Chlorobenzene
Concen: 48.679 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

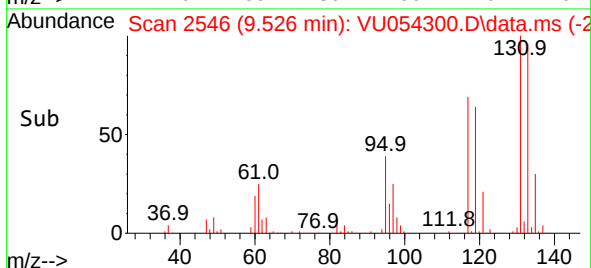
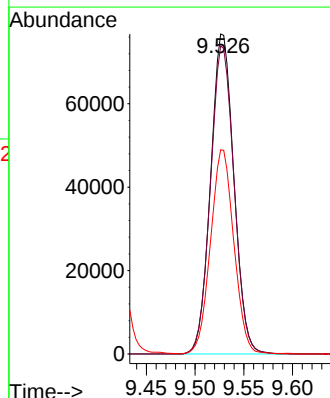
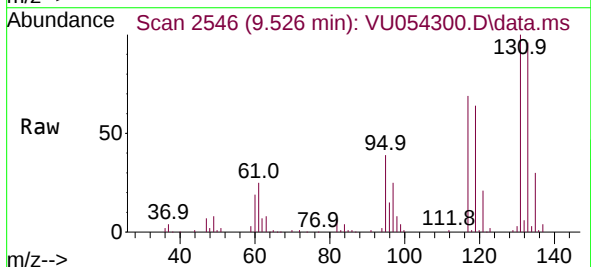
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

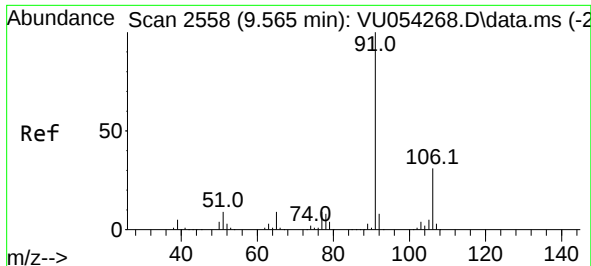
Tgt Ion:112 Resp: 342533
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.894 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:131 Resp: 127364
Ion Ratio Lower Upper
131 100
133 97.5 48.4 145.0
119 64.1 33.9 101.6





#67

Ethyl Benzene

Concen: 50.532 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

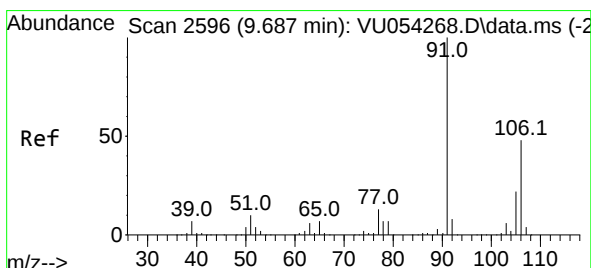
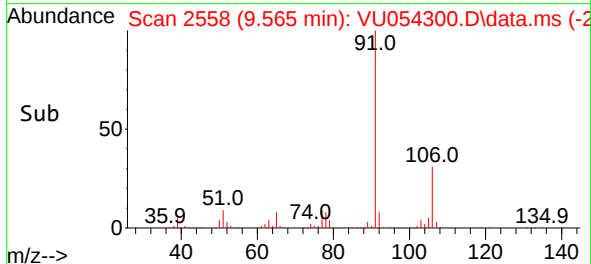
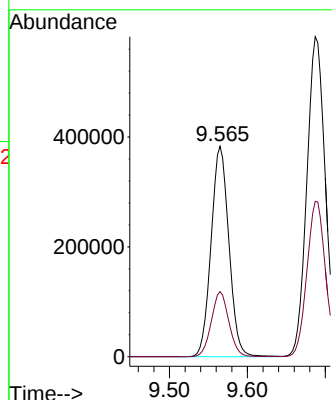
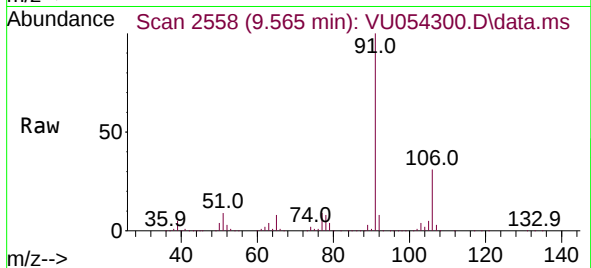
VSTDCCC050EC

Tgt Ion: 91 Resp: 607904

Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4



#68

m/p-Xylenes

Concen: 103.308 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. -0.000 min

Lab File: VU054300.D

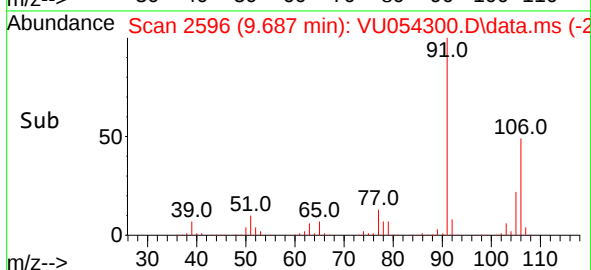
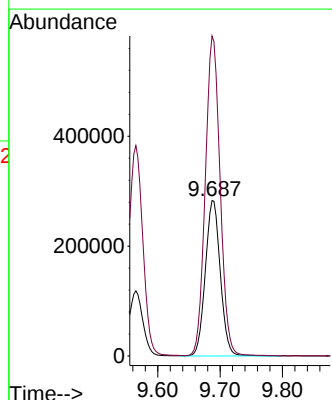
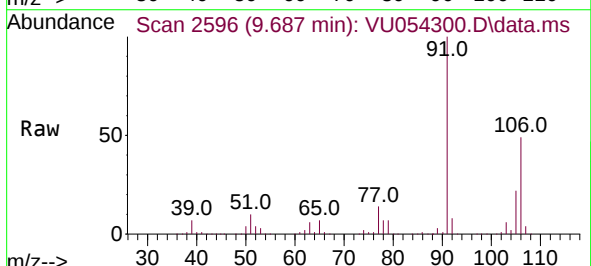
Acq: 26 May 2023 20:57

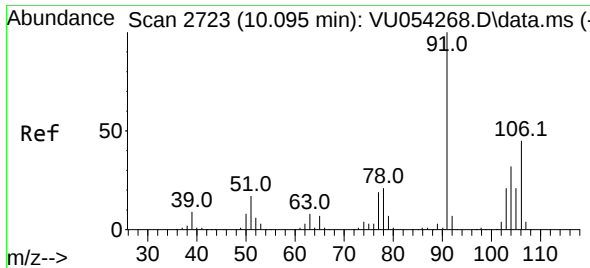
Tgt Ion:106 Resp: 471080

Ion Ratio Lower Upper

106 100

91 204.8 157.2 235.8

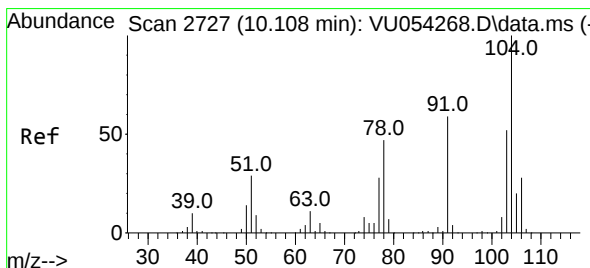
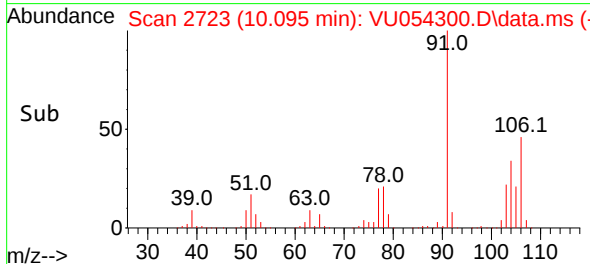
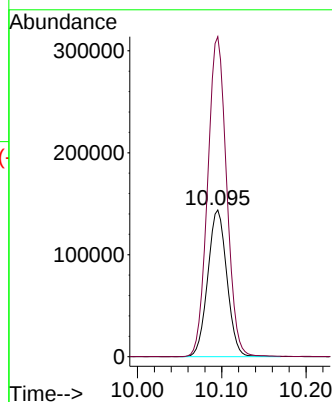
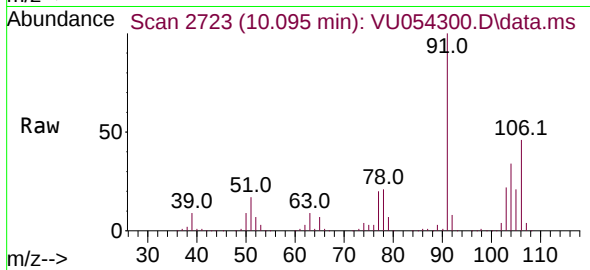




#69
o-Xylene
Concen: 51.444 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

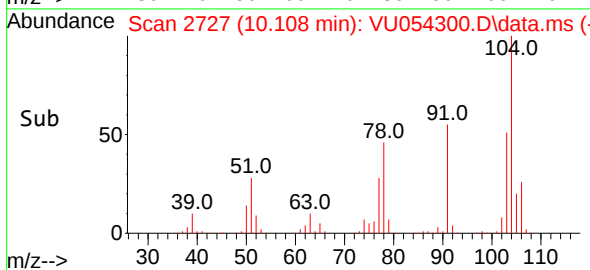
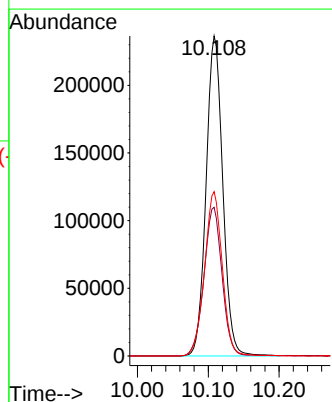
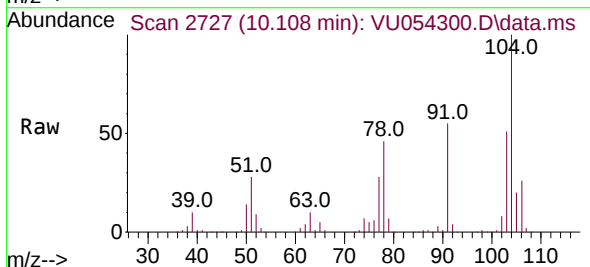
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

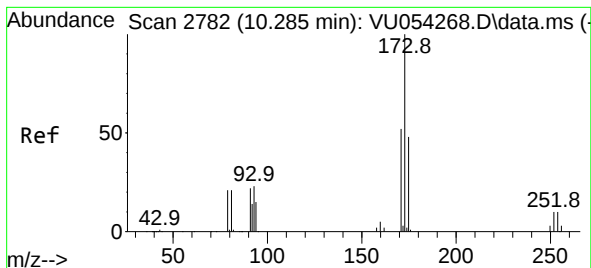
Tgt Ion:106 Resp: 227084
Ion Ratio Lower Upper
106 100
91 217.3 103.5 310.5



#70
Styrene
Concen: 52.880 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:104 Resp: 387101
Ion Ratio Lower Upper
104 100
78 50.2 38.0 57.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 48.273 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

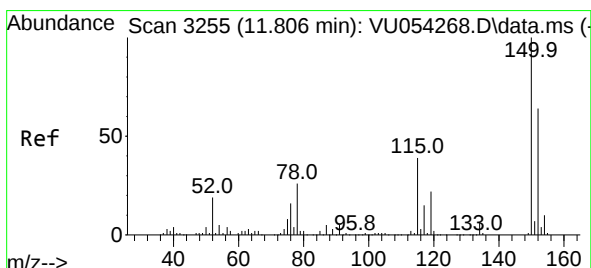
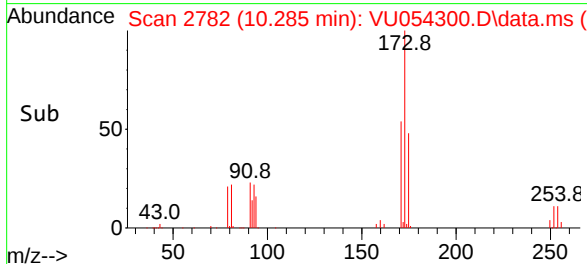
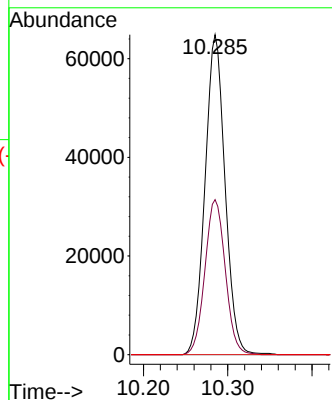
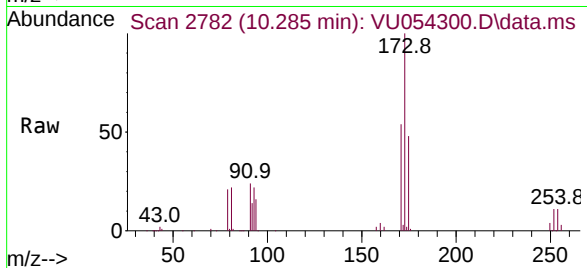
Tgt Ion:173 Resp: 107083

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

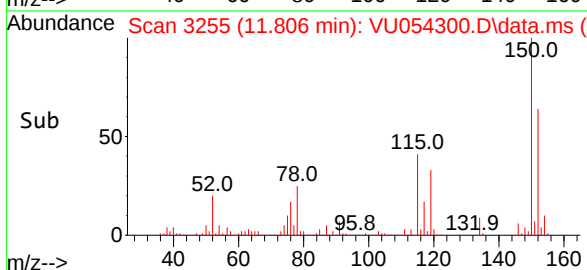
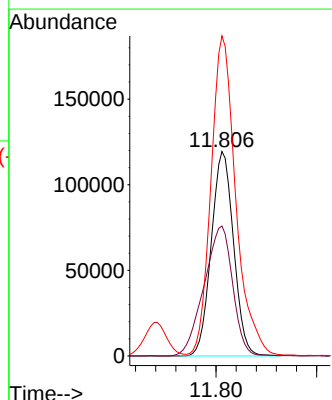
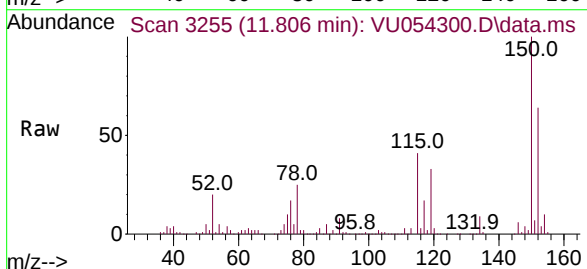
Tgt Ion:152 Resp: 184182

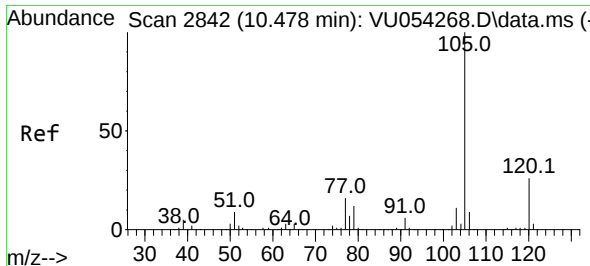
Ion Ratio Lower Upper

152 100

115 81.3 37.0 110.9

150 173.7 0.0 342.2

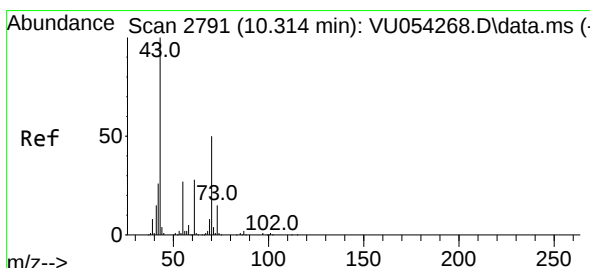
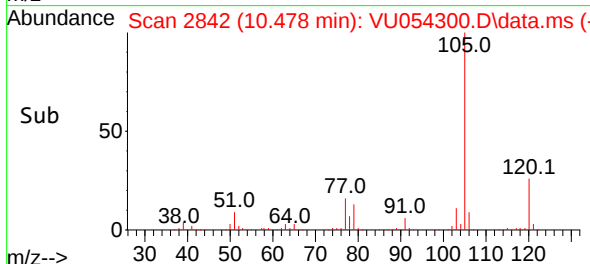
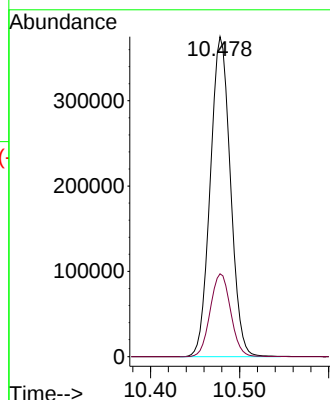
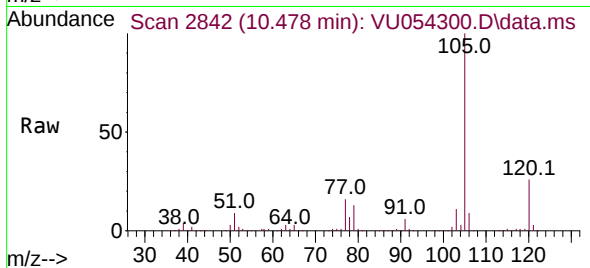




#73
Isopropylbenzene
Concen: 51.635 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

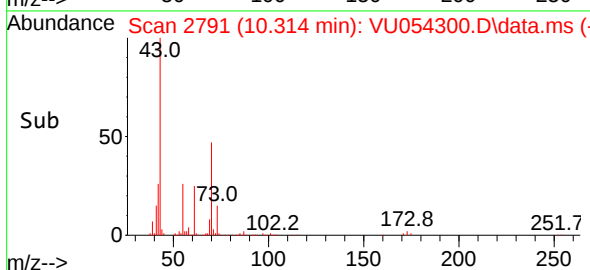
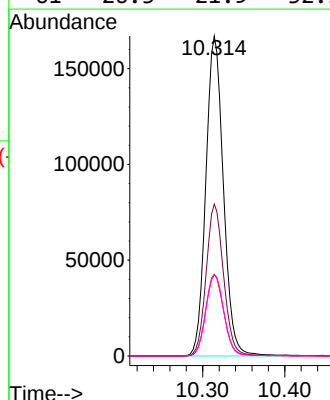
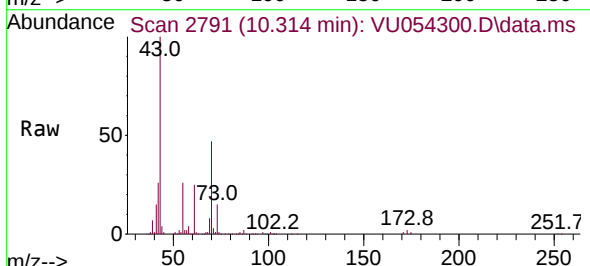
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

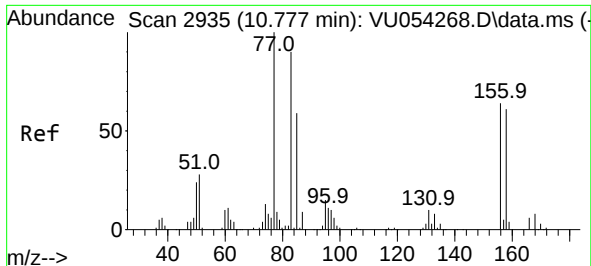
Tgt Ion:105 Resp: 588986
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4



#74
N-ethyl acetate
Concen: 51.161 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 43 Resp: 247791
Ion Ratio Lower Upper
43 100
70 47.4 38.7 58.1
55 26.4 21.8 32.8
61 26.3 21.9 32.9

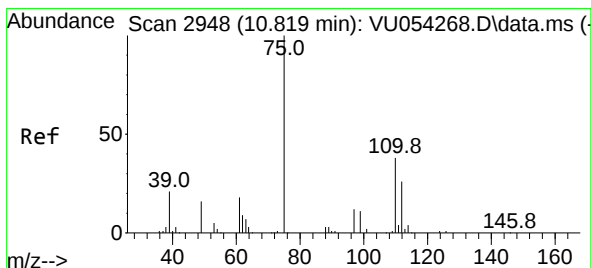
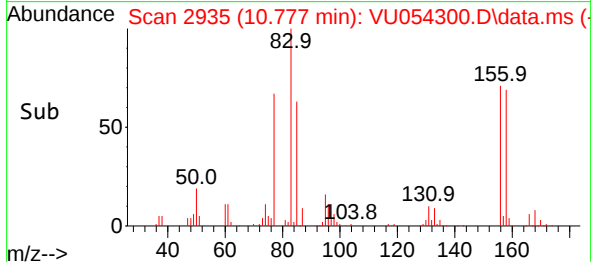
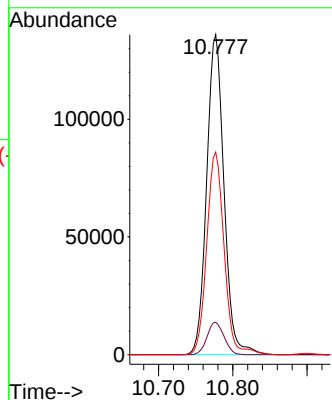
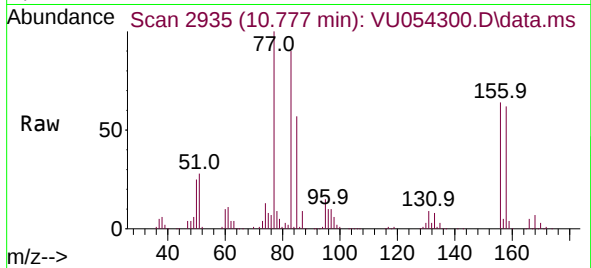




#75
1,1,2,2-Tetrachloroethane
Concen: 47.674 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

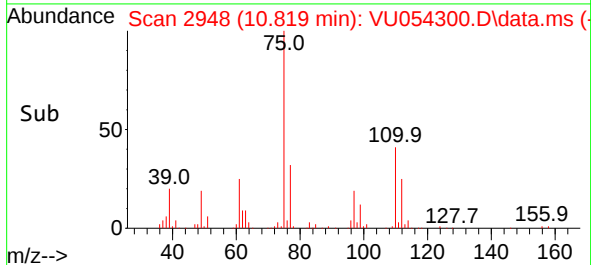
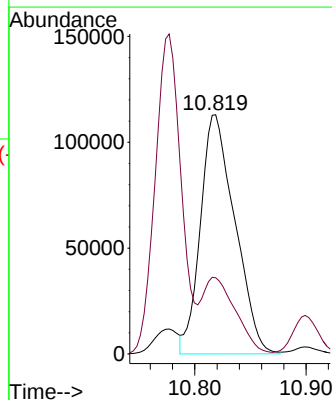
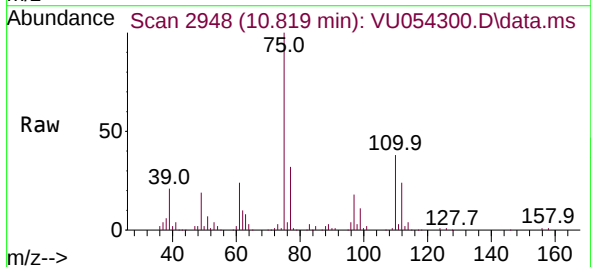
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

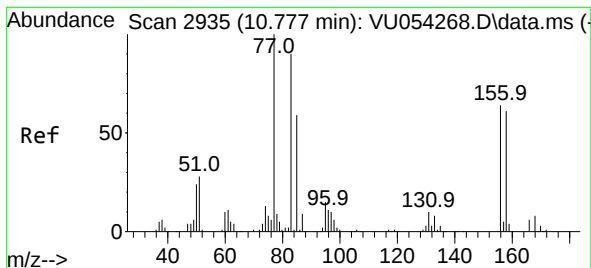
Tgt Ion: 83 Resp: 220039
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 63.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 45.205 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 75 Resp: 243002
Ion Ratio Lower Upper
75 100
77 30.2 15.8 47.3





#77

Bromobenzene

Concen: 49.496 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

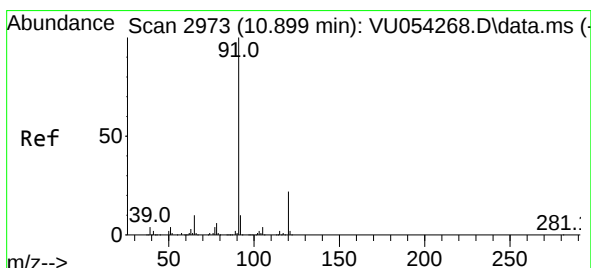
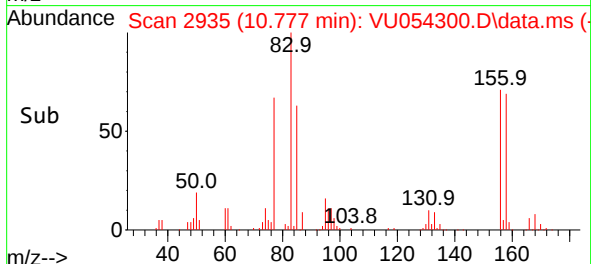
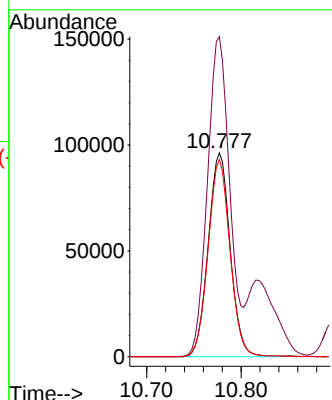
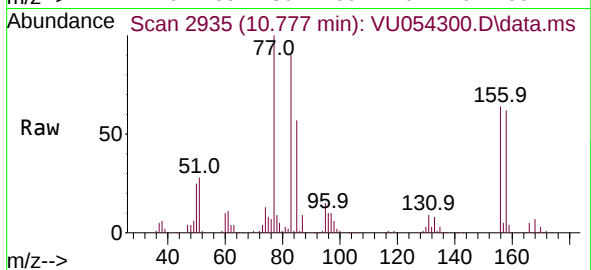
Tgt Ion:156 Resp: 155039

Ion Ratio Lower Upper

156 100

77 159.9 71.9 215.6

158 96.4 48.9 146.8



#78

n-propylbenzene

Concen: 51.860 ug/l

RT: 10.899 min Scan# 2973

Delta R.T. 0.000 min

Lab File: VU054300.D

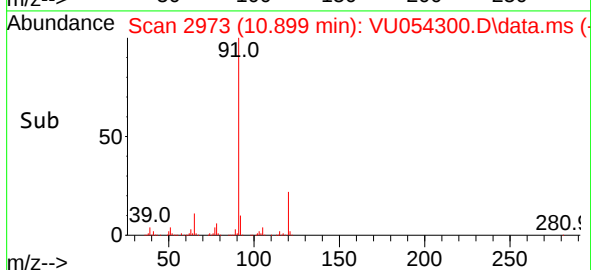
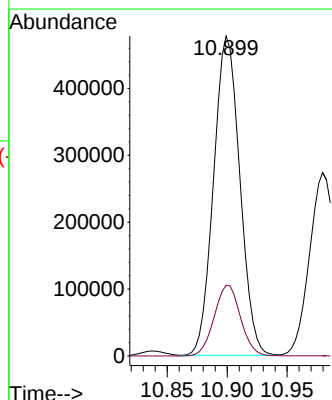
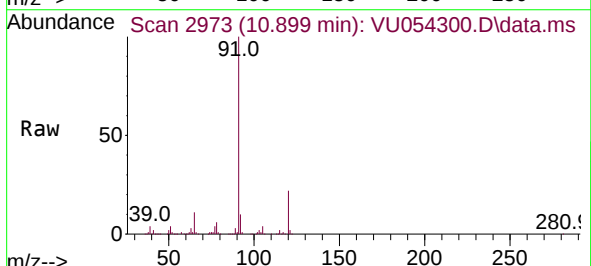
Acq: 26 May 2023 20:57

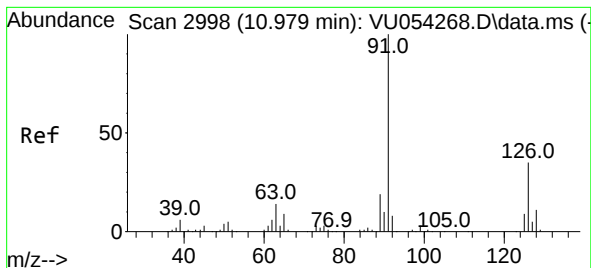
Tgt Ion: 91 Resp: 724649

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.544 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.001 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

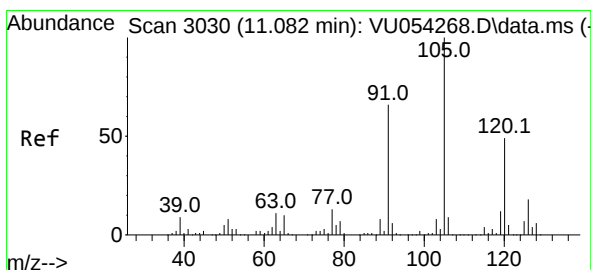
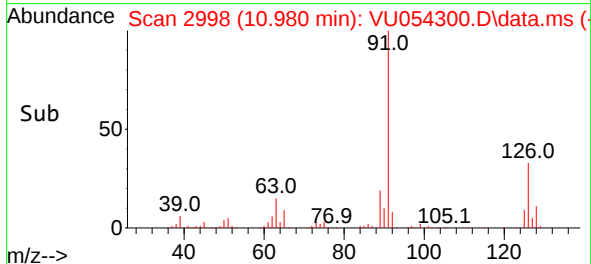
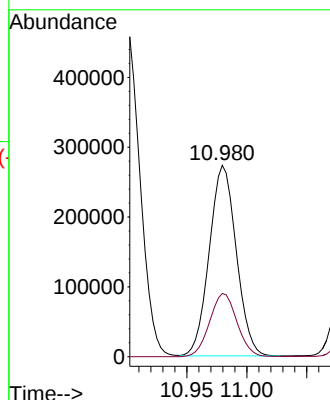
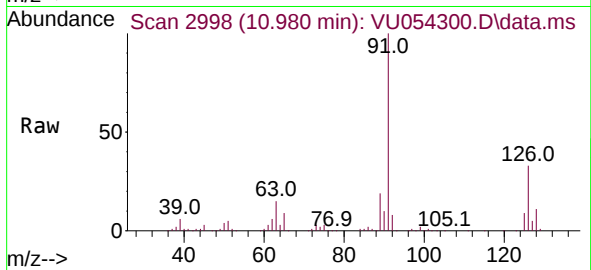
VSTDCCC050EC

Tgt Ion: 91 Resp: 427583

Ion Ratio Lower Upper

91 100

126 33.7 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 52.516 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054300.D

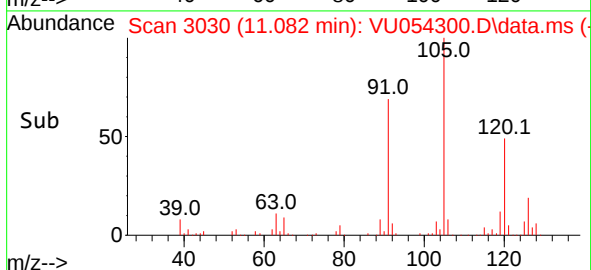
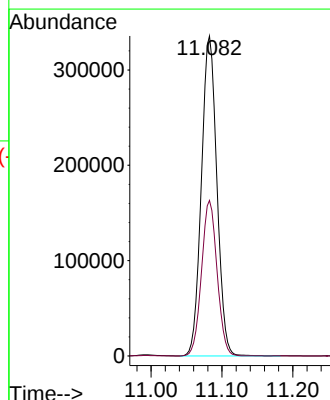
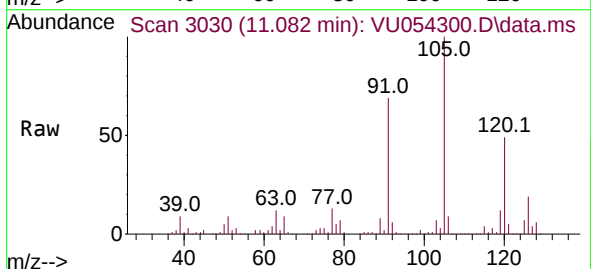
Acq: 26 May 2023 20:57

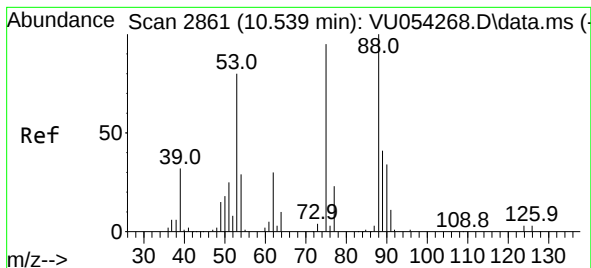
Tgt Ion:105 Resp: 509423

Ion Ratio Lower Upper

105 100

120 48.7 25.3 75.9

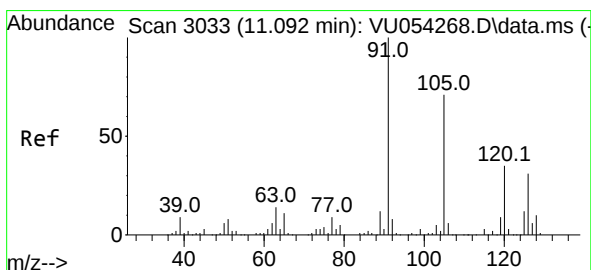
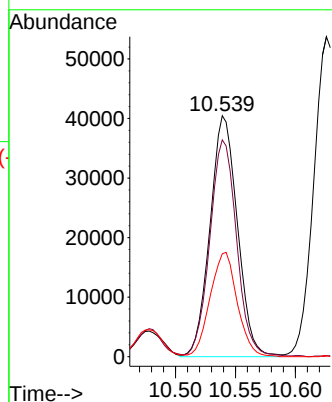
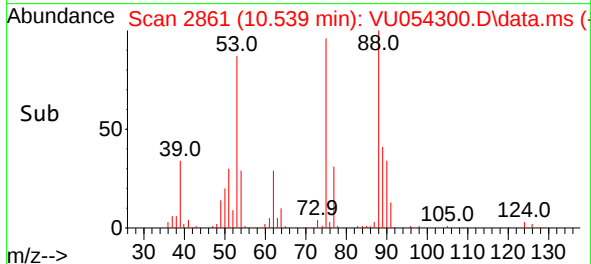
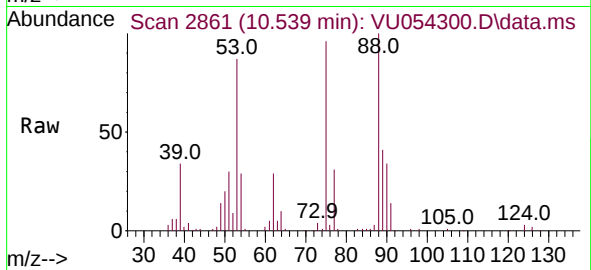




#81
trans-1,4-Dichloro-2-butene
Concen: 45.578 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

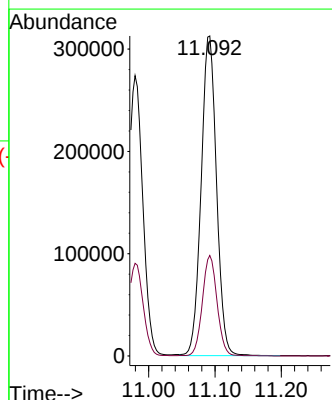
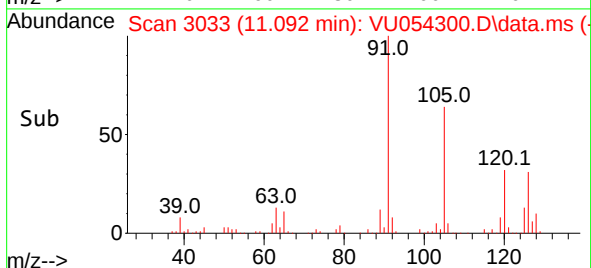
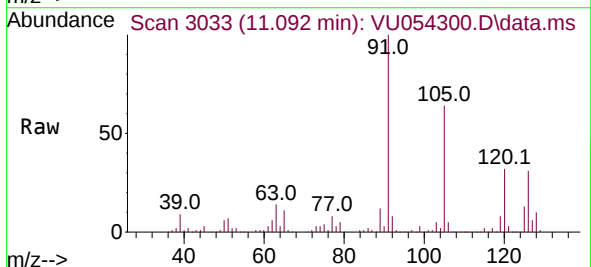
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

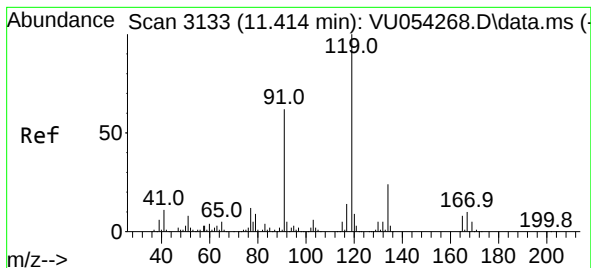
Tgt Ion: 75 Resp: 64341
Ion Ratio Lower Upper
75 100
53 87.2 69.2 103.8
89 42.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.720 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 91 Resp: 503442
Ion Ratio Lower Upper
91 100
126 29.7 16.1 48.2





#83

tert-Butylbenzene

Concen: 50.566 ug/l

RT: 11.414 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

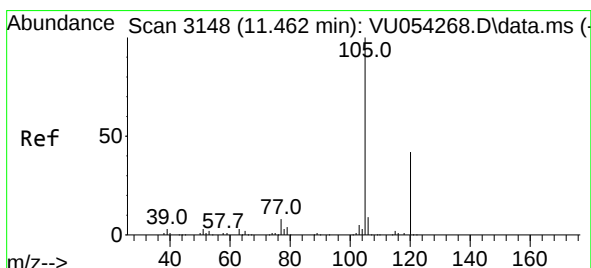
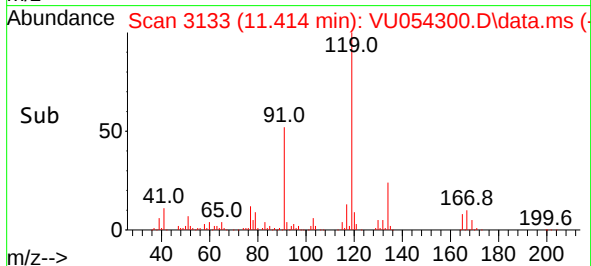
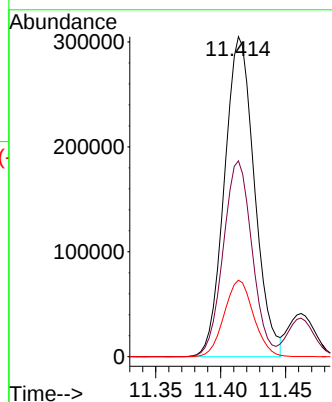
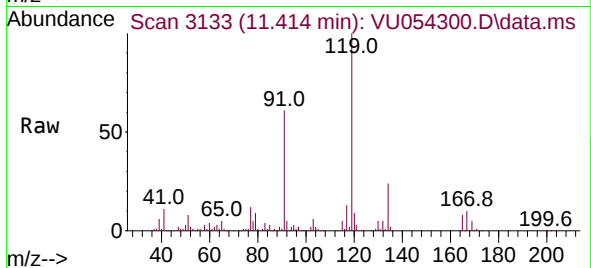
Tgt Ion:119 Resp: 490497

Ion Ratio Lower Upper

119 100

91 59.0 26.8 80.3

134 23.4 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 52.365 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU054300.D

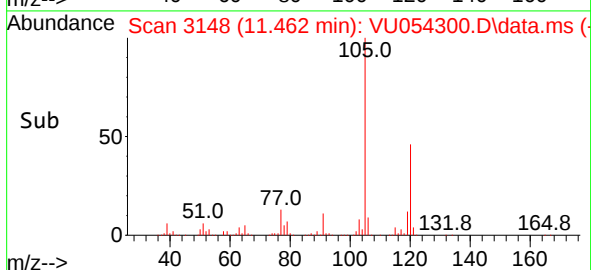
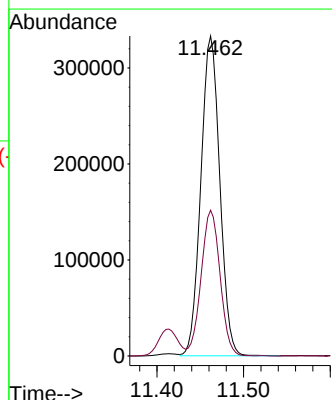
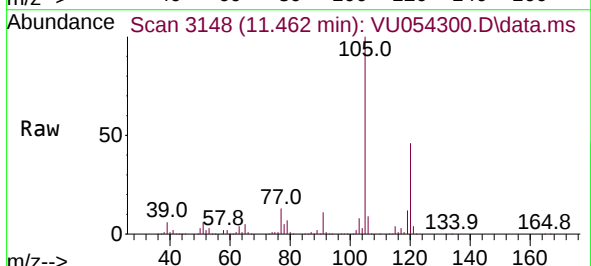
Acq: 26 May 2023 20:57

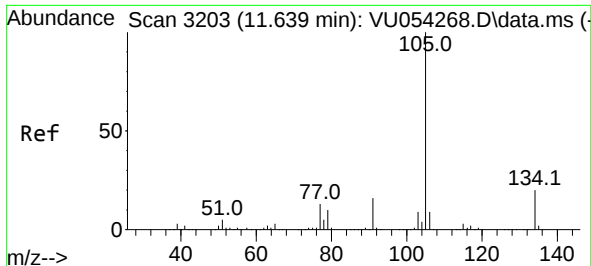
Tgt Ion:105 Resp: 505353

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.3

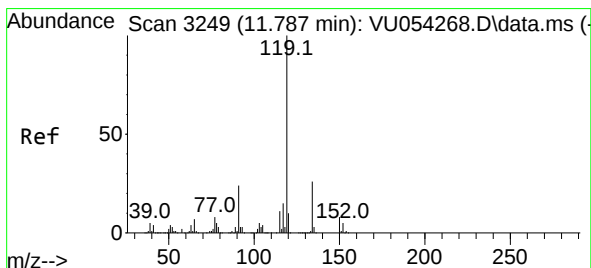
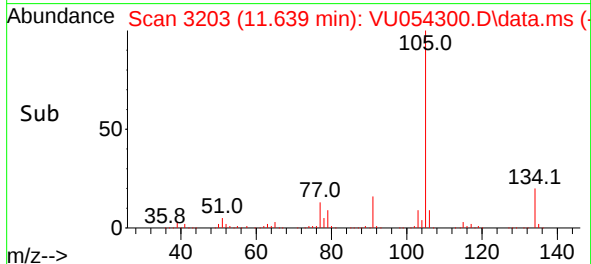
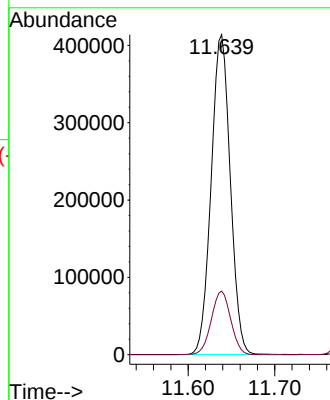
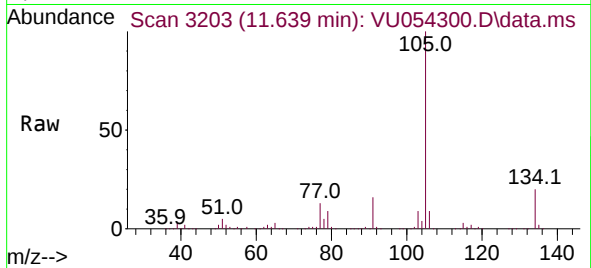




#85
 sec-Butylbenzene
 Concen: 51.496 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

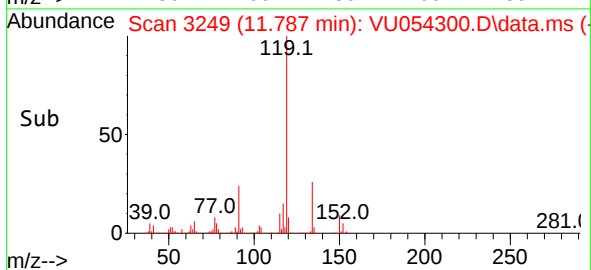
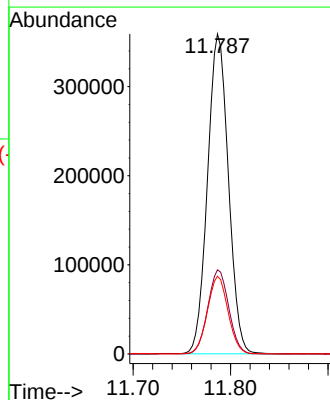
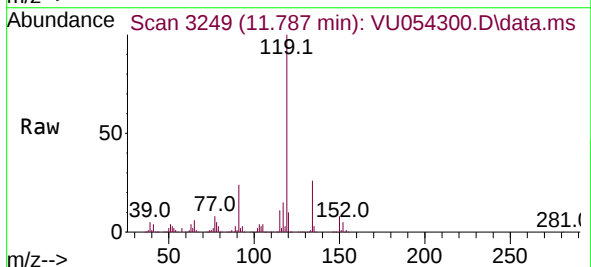
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

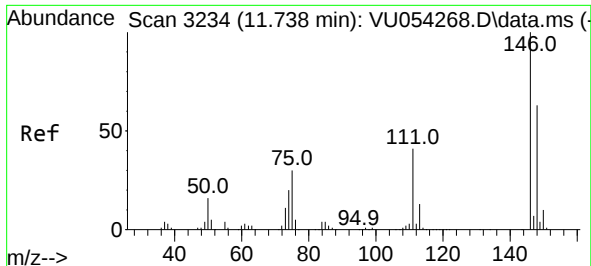
Tgt Ion:105 Resp: 633836
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.552 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion:119 Resp: 533692
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 24.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.973 ug/l

RT: 11.738 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

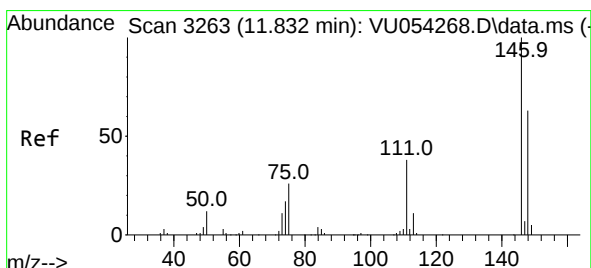
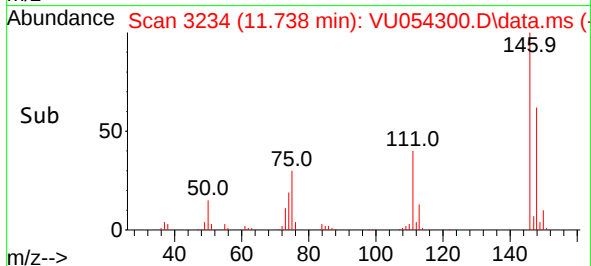
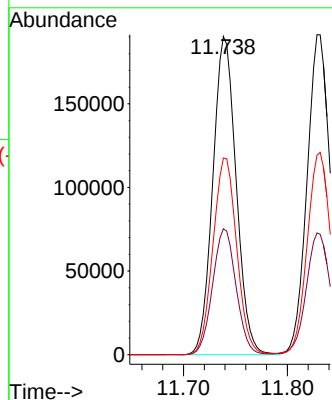
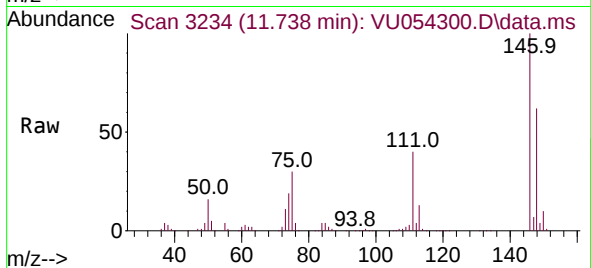
Tgt Ion:146 Resp: 297020

Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.5

148 62.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.511 ug/l

RT: 11.828 min Scan# 3262

Delta R.T. -0.004 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

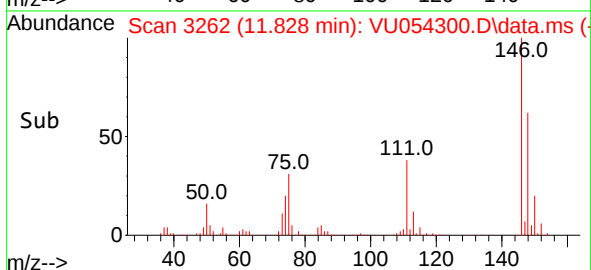
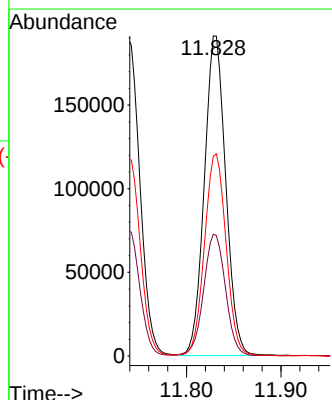
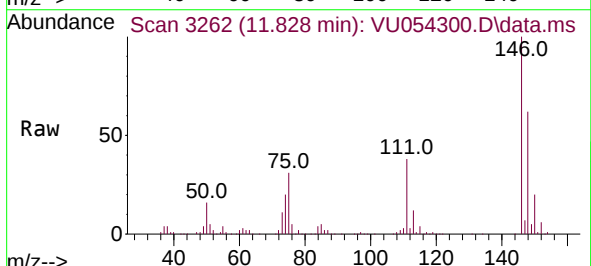
Tgt Ion:146 Resp: 301033

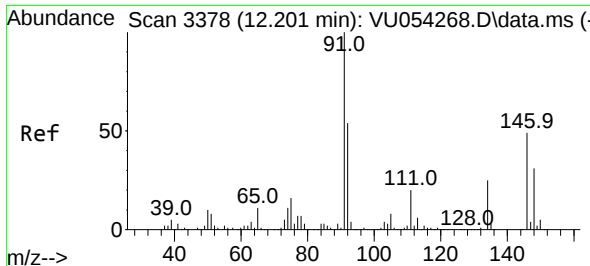
Ion Ratio Lower Upper

146 100

111 39.1 18.5 55.5

148 63.6 31.9 95.7

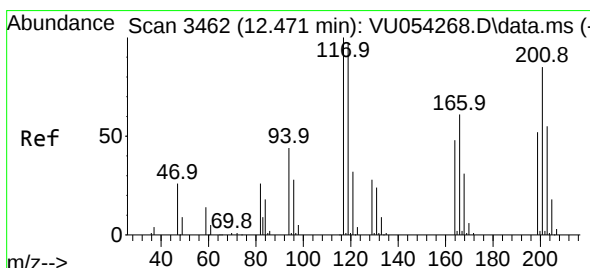
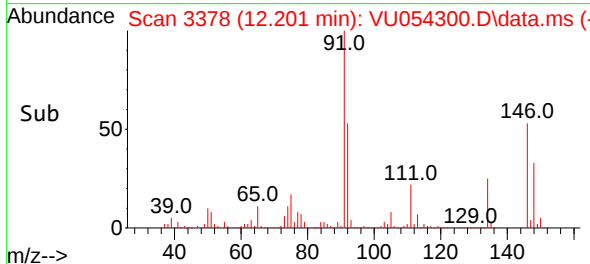
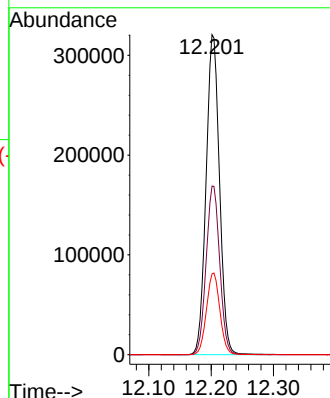
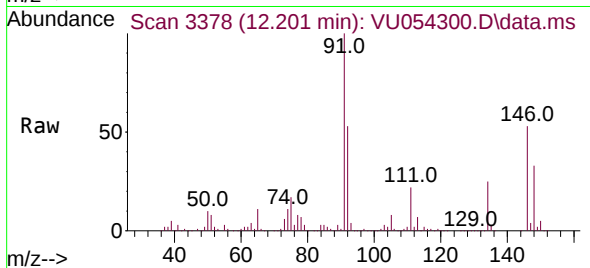




#89
n-Butylbenzene
Concen: 49.281 ug/l
RT: 12.201 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

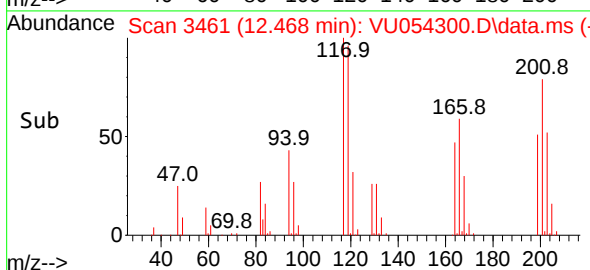
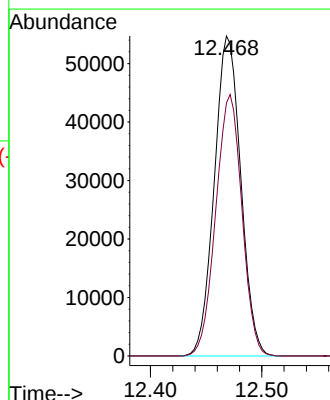
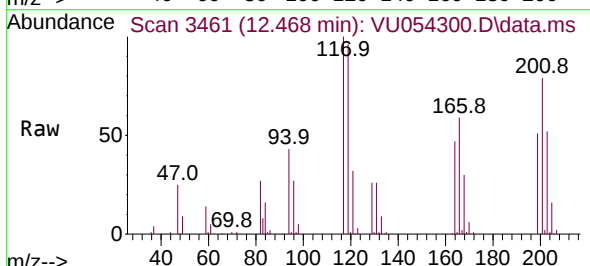
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

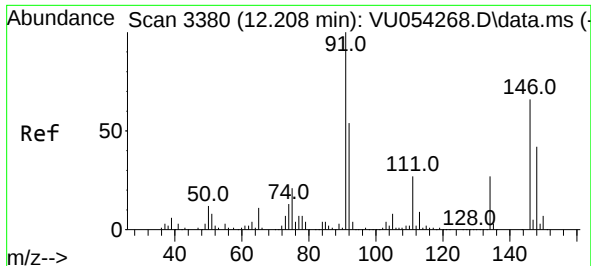
Tgt Ion: 91 Resp: 480231
Ion Ratio Lower Upper
91 100
92 53.5 26.2 78.6
134 25.4 13.5 40.4



#90
Hexachloroethane
Concen: 49.374 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion: 117 Resp: 90426
Ion Ratio Lower Upper
117 100
201 80.6 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 49.746 ug/l

RT: 12.205 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

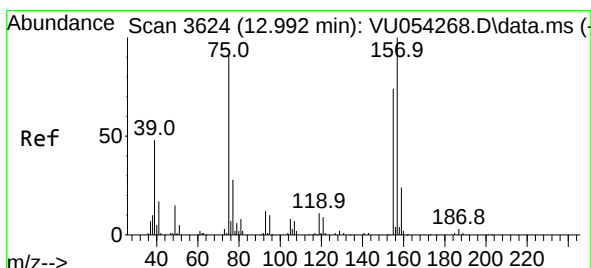
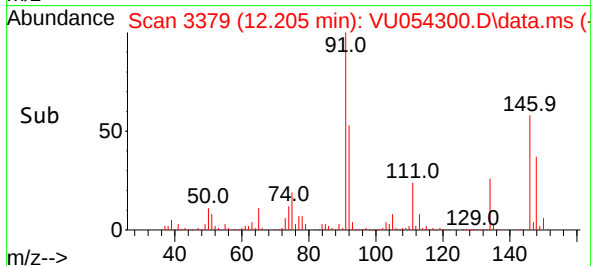
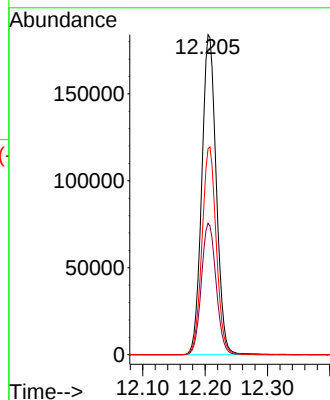
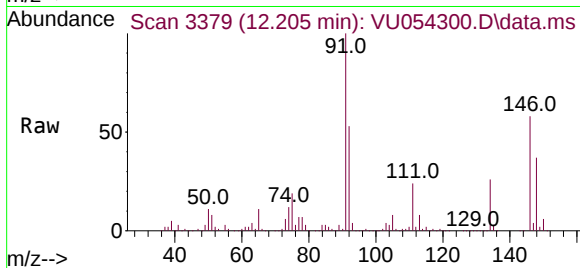
Tgt Ion:146 Resp: 296812

Ion Ratio Lower Upper

146 100

111 41.8 19.9 59.6

148 64.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.145 ug/l

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU054300.D

Acq: 26 May 2023 20:57

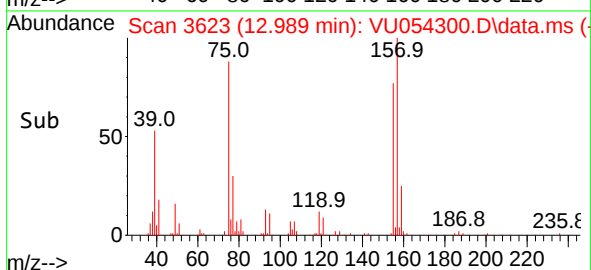
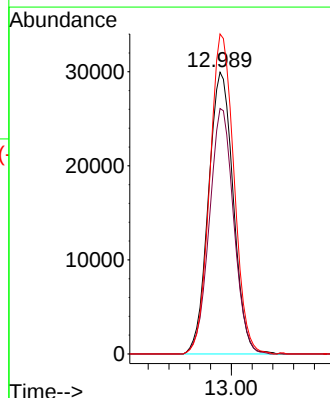
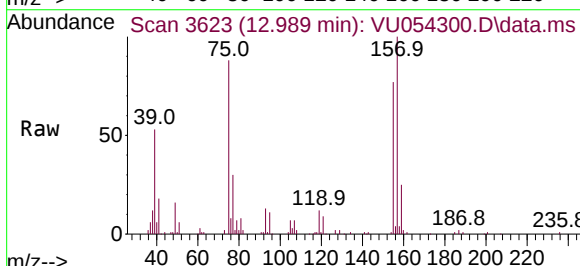
Tgt Ion: 75 Resp: 49626

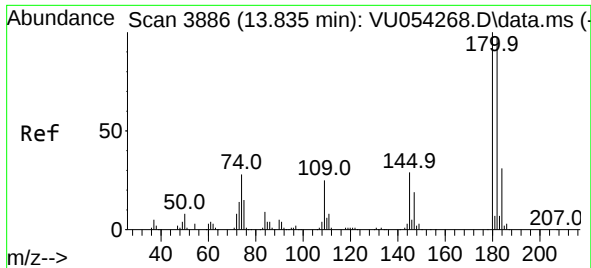
Ion Ratio Lower Upper

75 100

155 85.3 47.8 143.4

157 110.9 62.2 186.5

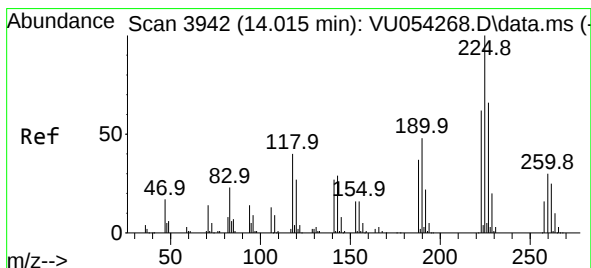
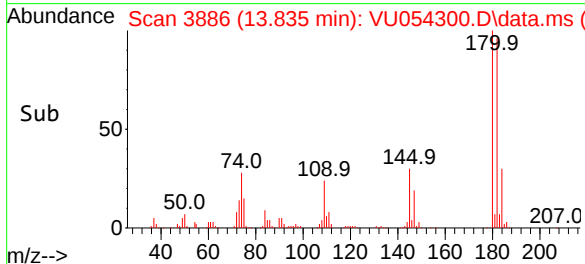
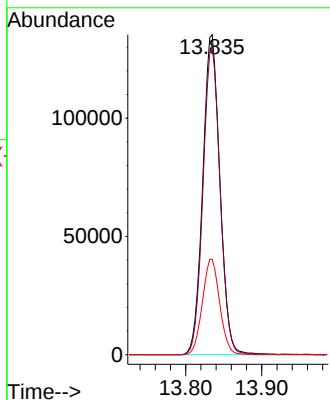
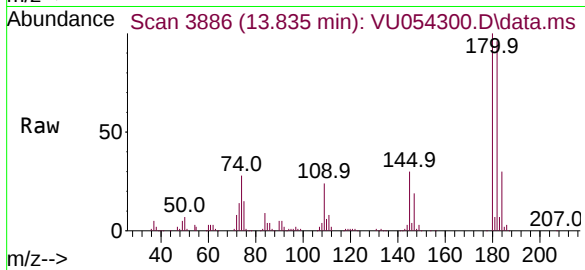




#93
 1,2,4-Trichlorobenzene
 Concen: 50.071 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

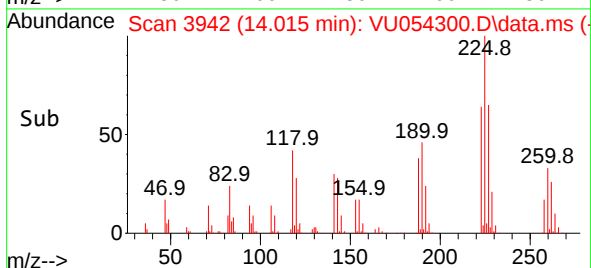
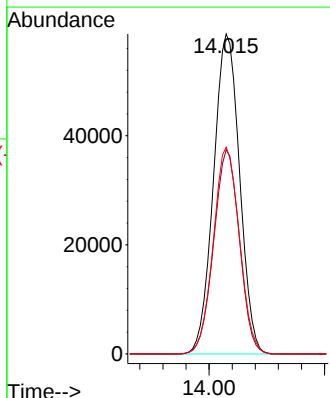
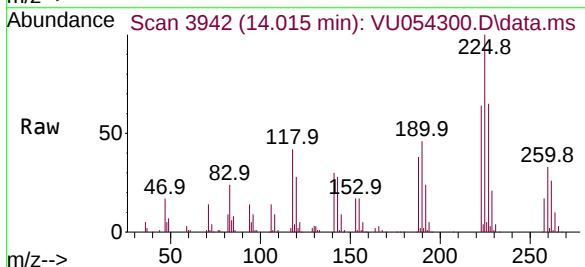
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

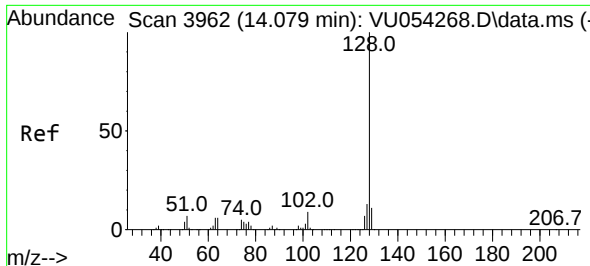
Tgt Ion:180 Resp: 212129
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.6
 145 30.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 46.866 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054300.D
 Acq: 26 May 2023 20:57

Tgt Ion:225 Resp: 91912
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 64.6 32.0 96.2

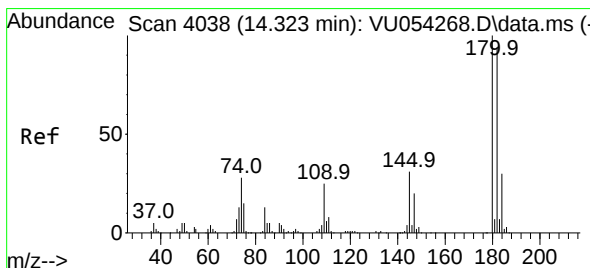
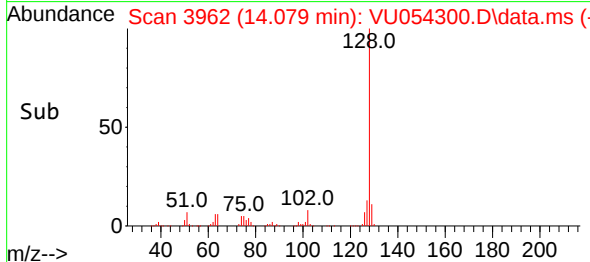
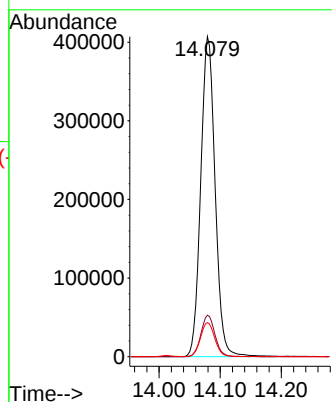
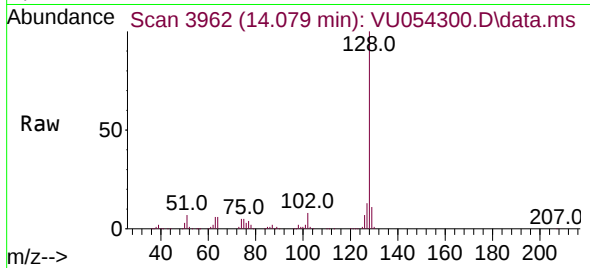




#95
Naphthalene
Concen: 48.934 ug/l
RT: 14.079 min Scan# 3962
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 666005
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.350 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054300.D
Acq: 26 May 2023 20:57

Tgt Ion:180 Resp: 215683
Ion Ratio Lower Upper
180 100
182 93.9 48.4 145.0
145 31.0 14.8 44.4

