

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054276.D
 Acq On : 26 May 2023 11:29
 Operator : JC/MD
 Sample : VU0526WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

Quant Time: May 29 23:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	231022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	364648	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	350985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	157954	52.156	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.320%	
35) Dibromofluoromethane	5.282	113	123682	52.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.340%	
50) Toluene-d8	7.893	98	481071	53.859	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	10.626	95	176877	51.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	51875	20.114	ug/l	97
3) Chloromethane	1.520	50	62075	18.382	ug/l	96
4) Vinyl Chloride	1.604	62	60428	18.755	ug/l	99
5) Bromomethane	1.858	94	35242	19.759	ug/l	98
6) Chloroethane	1.932	64	30335	19.523	ug/l	96
7) Trichlorofluoromethane	2.134	101	80507	18.162	ug/l	96
8) Diethyl Ether	2.372	74	30632	18.667	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	45515	18.965	ug/l	97
10) Methyl Iodide	2.720	142	43744	16.838	ug/l	94
11) Tert butyl alcohol	3.234	59	28807	35.214	ug/l #	54
12) 1,1-Dichloroethene	2.575	96	44508	17.911	ug/l	93
13) Acrolein	2.485	56	73052	85.840	ug/l	99
14) Allyl chloride	2.919	41	76801	17.825	ug/l	88
15) Acrylonitrile	3.311	53	168434	91.833	ug/l	98
16) Acetone	2.636	43	145796	83.987	ug/l	98
17) Carbon Disulfide	2.790	76	127571	17.371	ug/l	100
18) Methyl Acetate	2.948	43	113951	17.978	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	148147	18.213	ug/l	99
20) Methylene Chloride	3.041	84	55611	17.757	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	49143	18.472	ug/l	92
22) Diisopropyl ether	3.986	45	146518	19.186	ug/l #	82
23) Vinyl Acetate	3.948	43	524606	94.143	ug/l	98
24) 1,1-Dichloroethane	3.864	63	90999	18.609	ug/l	99
25) 2-Butanone	4.703	43	206159	89.697	ug/l	96
26) 2,2-Dichloropropane	4.655	77	77080	18.037	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	56179	18.982	ug/l	97
28) Bromochloromethane	4.967	49	47505	20.994	ug/l	85
29) Tetrahydrofuran	5.051	42	131372	90.933	ug/l	92
30) Chloroform	5.083	83	92847	18.679	ug/l	97
31) Cyclohexane	5.382	56	81498	19.058	ug/l	95
32) 1,1,1-Trichloroethane	5.311	97	79371	18.392	ug/l	99
36) 1,1-Dichloropropene	5.523	75	64921	17.602	ug/l	98
37) Ethyl Acetate	4.800	43	77776	17.303	ug/l	96
38) Carbon Tetrachloride	5.520	117	71798	19.019	ug/l	99
39) Methylcyclohexane	6.758	83	77778	18.618	ug/l	90
40) Benzene	5.768	78	201527	19.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	38477	18.521	ug/l	94
42) 1,2-Dichloroethane	5.790	62	72339	18.928	ug/l	99
43) Isopropyl Acetate	5.906	43	109956	17.734	ug/l	97
44) Trichloroethene	6.539	130	54764	18.622	ug/l	92
45) 1,2-Dichloropropane	6.787	63	52407	19.095	ug/l	100
46) Dibromomethane	6.912	93	38683	19.148	ug/l	94
47) Bromodichloromethane	7.099	83	69393	18.367	ug/l	99
48) Methyl methacrylate	6.957	41	51497	18.729	ug/l	93
49) 1,4-Dioxane	7.009	88	28546	359.614	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	376309	90.948	ug/l	99
52) Toluene	7.964	92	126499	18.857	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	79631	18.423	ug/l	98
54) cis-1,3-Dichloropropene	7.604	75	83000	18.400	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	52190	18.773	ug/l	97
56) Ethyl methacrylate	8.330	69	73991	17.880	ug/l	98
57) 1,3-Dichloropropane	8.571	76	88968	18.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	12381	46.664	ug/l	98
59) 2-Hexanone	8.681	43	289144	88.463	ug/l	98
60) Dibromochloromethane	8.806	129	52513	18.592	ug/l	99
61) 1,2-Dibromoethane	8.919	107	56878	18.799	ug/l	99
64) Tetrachloroethene	8.549	164	51463	19.482	ug/l	98
65) Chlorobenzene	9.443	112	132937	18.118	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.530	131	50420	18.942	ug/l	96
67) Ethyl Benzene	9.565	91	232932	18.568	ug/l	98
68) m/p-Xylenes	9.690	106	178429	37.525	ug/l	92
69) o-Xylene	10.095	106	87898	19.096	ug/l	96
70) Styrene	10.112	104	144369	18.913	ug/l	98
71) Bromoform	10.285	173	42278	18.277	ug/l #	100
73) Isopropylbenzene	10.478	105	227218	18.802	ug/l	97
74) N-amyl acetate	10.314	43	91596	17.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	89017	18.204	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	99924	17.546	ug/l	95
77) Bromobenzene	10.777	156	59947	18.064	ug/l	91
78) n-propylbenzene	10.899	91	275417	18.604	ug/l	99
79) 2-Chlorotoluene	10.980	91	166451	18.572	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	196283	19.099	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.539	75	25231	16.870	ug/l	94
82) 4-Chlorotoluene	11.092	91	194964	18.540	ug/l	97
83) tert-Butylbenzene	11.414	119	185076	18.009	ug/l	93
84) 1,2,4-Trimethylbenzene	11.462	105	186959	18.286	ug/l	99
85) sec-Butylbenzene	11.639	105	240369	18.433	ug/l	99
86) p-Isopropyltoluene	11.790	119	199832	18.220	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	116184	18.081	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	118251	17.616	ug/l	98
89) n-Butylbenzene	12.205	91	180101	17.445	ug/l	98
90) Hexachloroethane	12.468	117	34667	17.867	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	115409	18.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	20010	17.943	ug/l	88
93) 1,2,4-Trichlorobenzene	13.835	180	74910	17.785	ug/l	99
94) Hexachlorobutadiene	14.015	225	35645	17.676	ug/l	99
95) Naphthalene	14.082	128	221828	16.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	74865	17.667	ug/l	98

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Response via : Initial Calibration

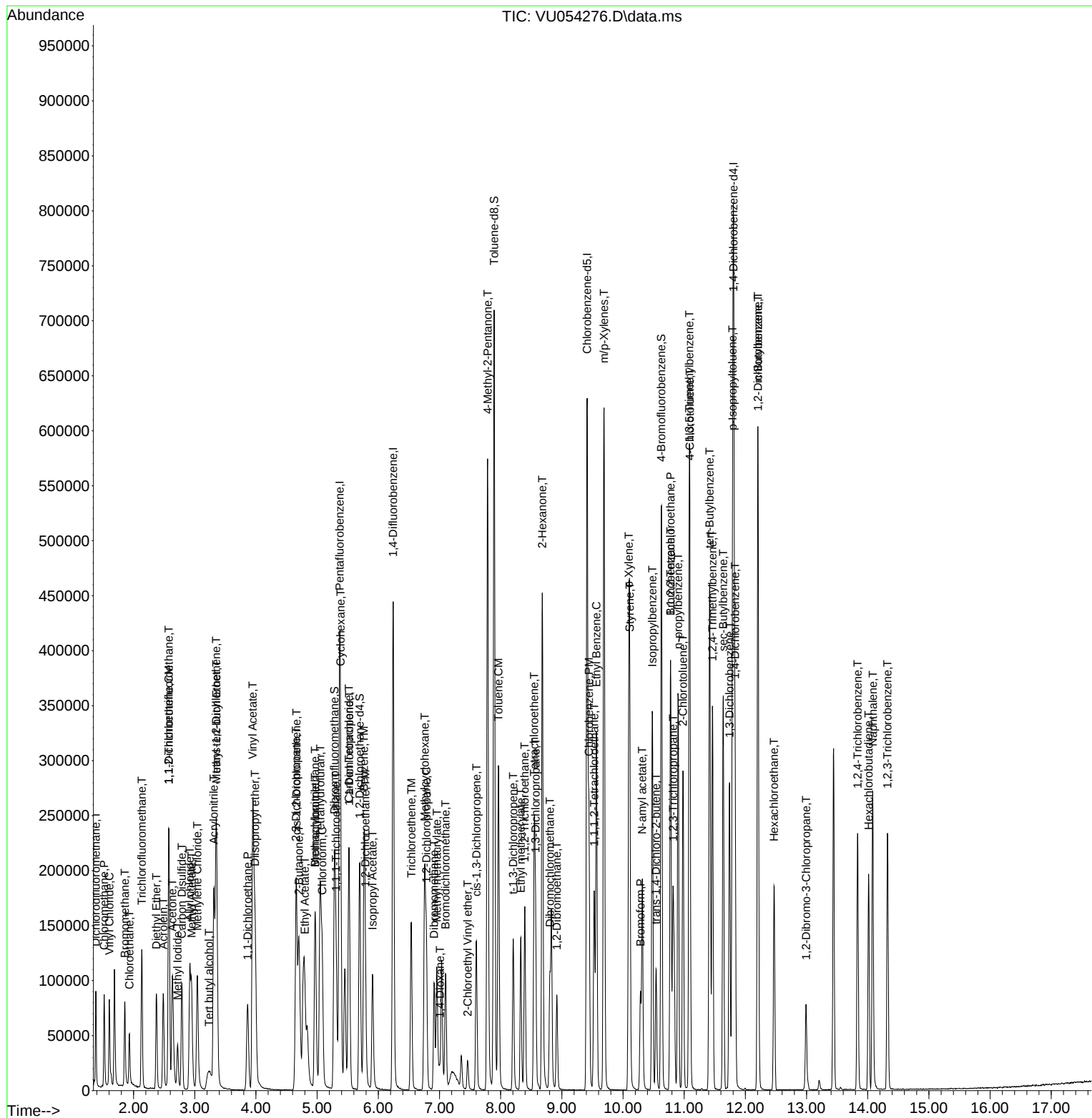
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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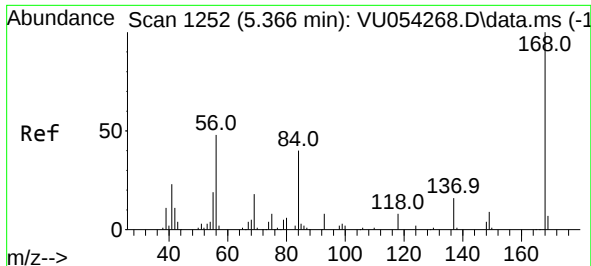
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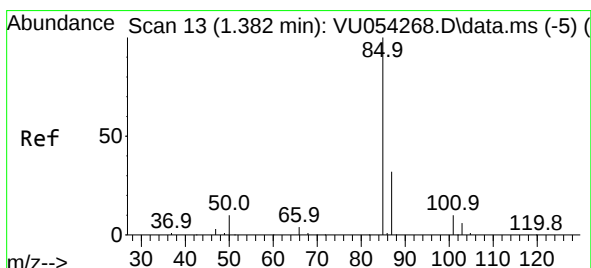
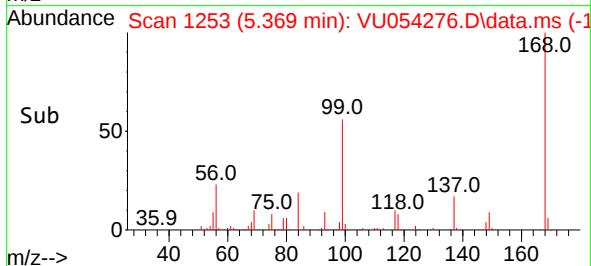
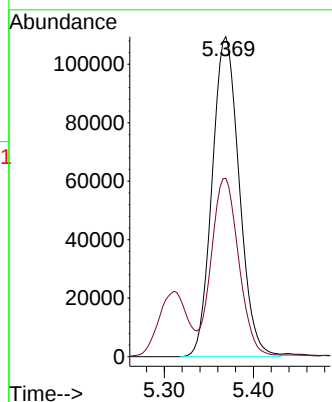
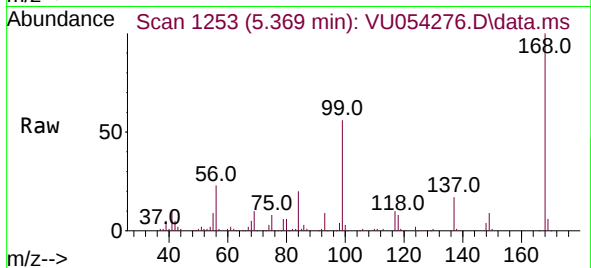




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054276.D
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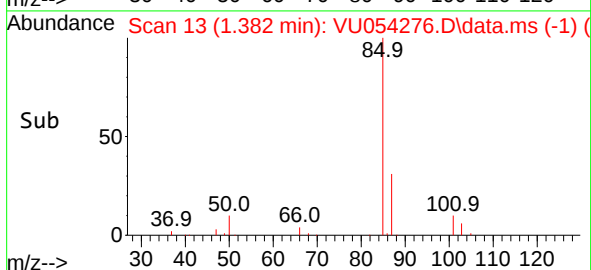
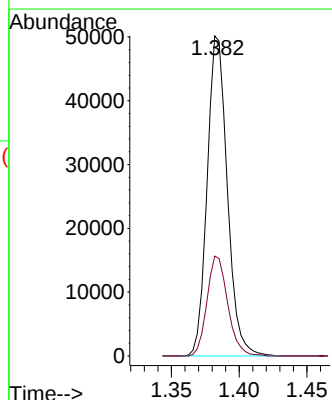
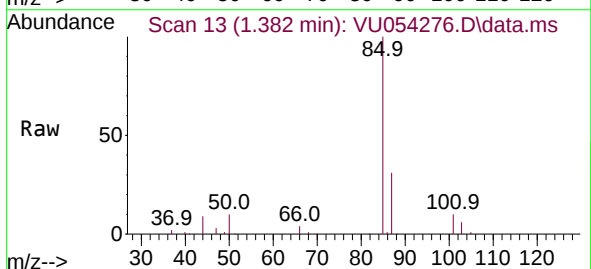
Instrument :
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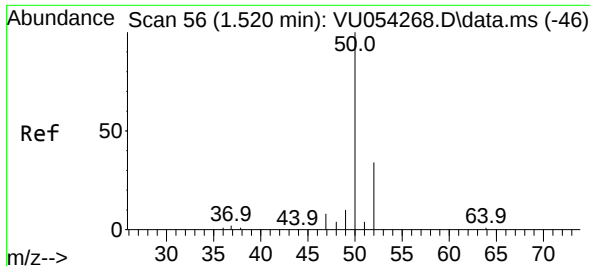
Tgt Ion:168 Resp: 231022
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 20.114 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 85 Resp: 51875
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.2

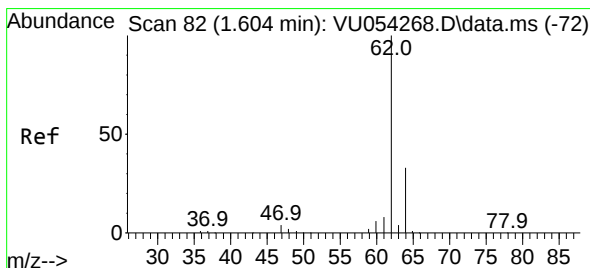
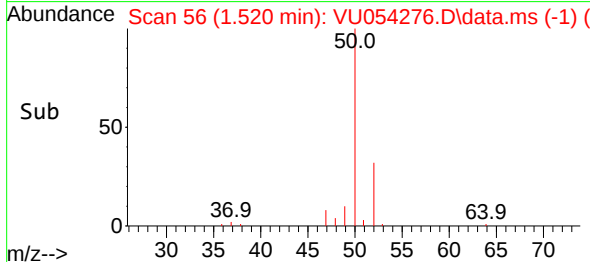
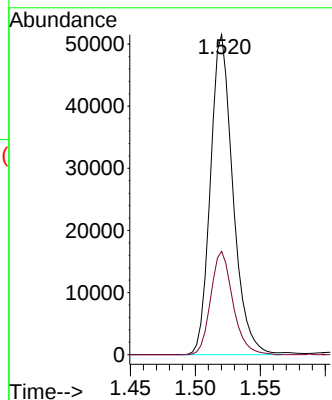
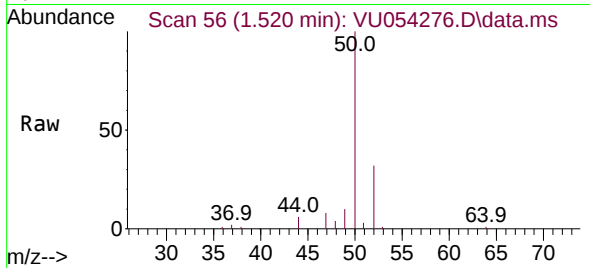




#3
Chloromethane
Concen: 18.382 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

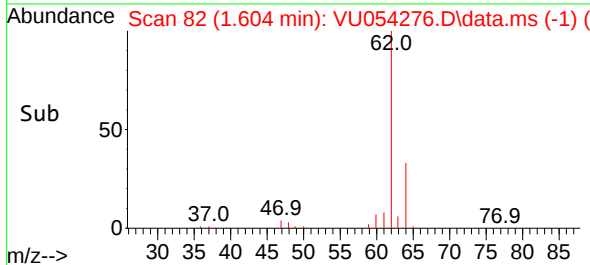
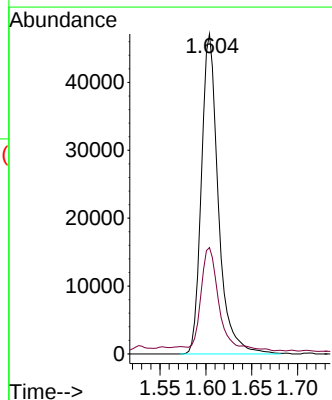
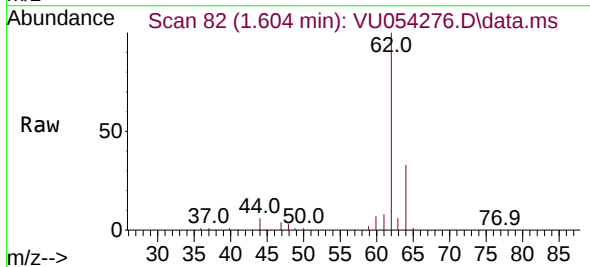
Instrument :
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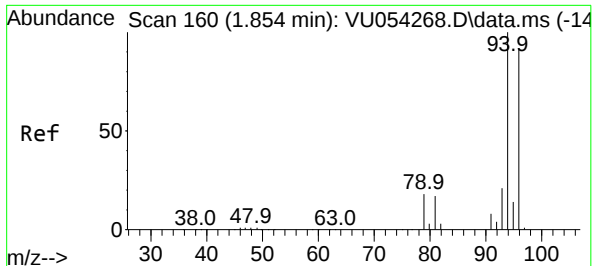
Tgt Ion: 50 Resp: 62075
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.2



#4
Vinyl Chloride
Concen: 18.755 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 62 Resp: 60428
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

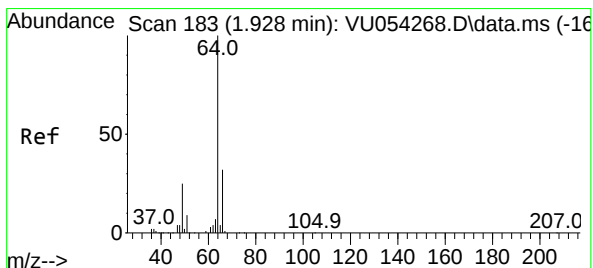
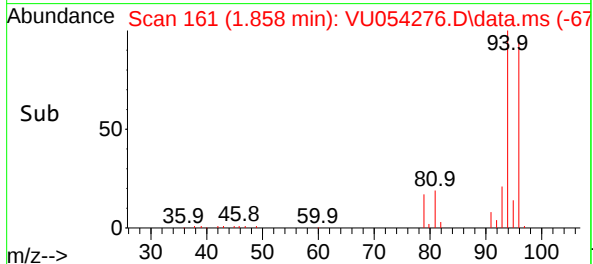
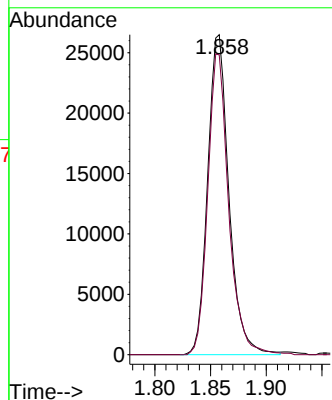
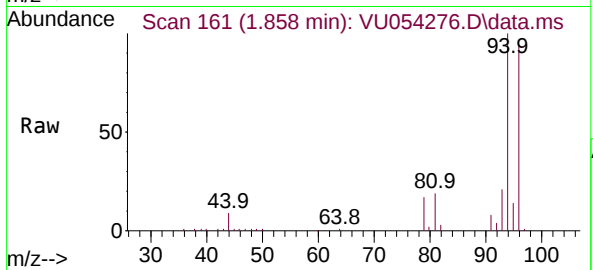




#5
Bromomethane
Concen: 19.759 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU054276.D
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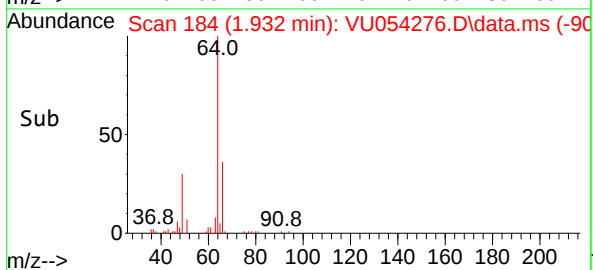
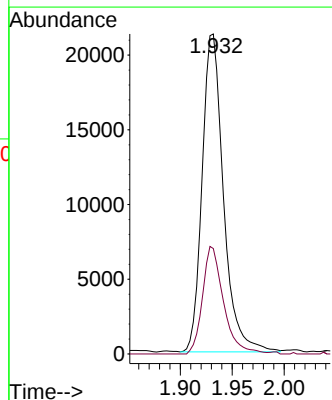
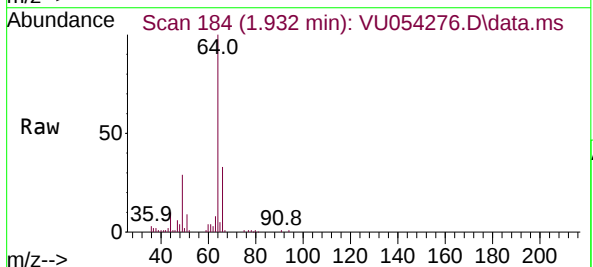
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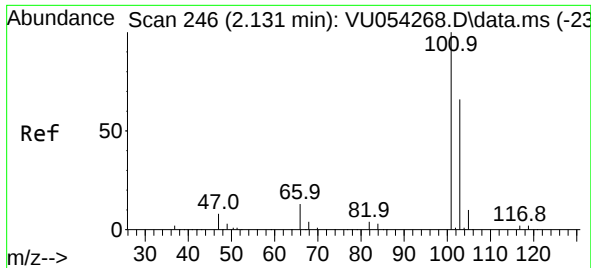
Tgt Ion: 94 Resp: 35242
Ion Ratio Lower Upper
94 100
96 93.7 73.7 110.5



#6
Chloroethane
Concen: 19.523 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 64 Resp: 30335
Ion Ratio Lower Upper
64 100
66 33.1 24.7 37.1

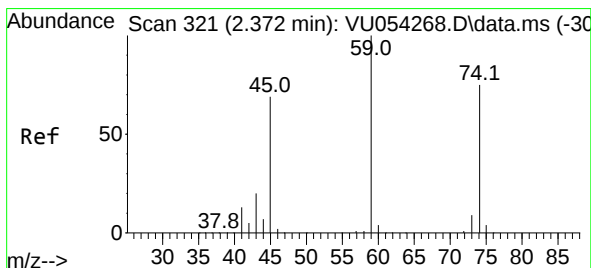
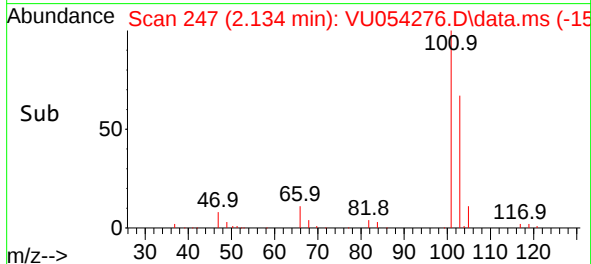
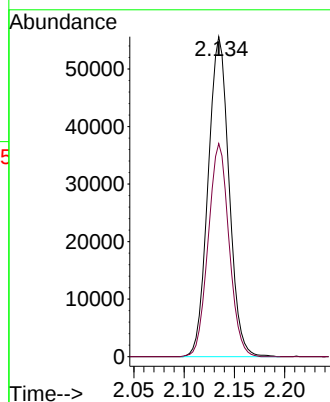
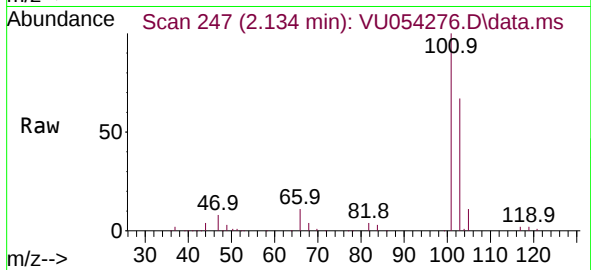




#7
 Trichlorofluoromethane
 Concen: 18.162 ug/l
 RT: 2.134 min Scan# 246
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

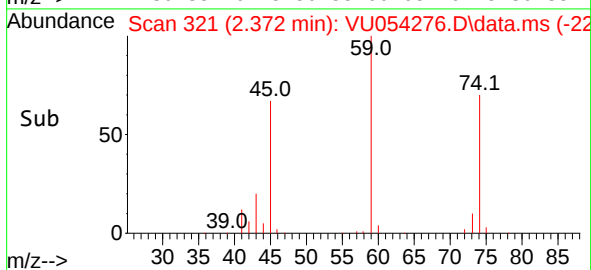
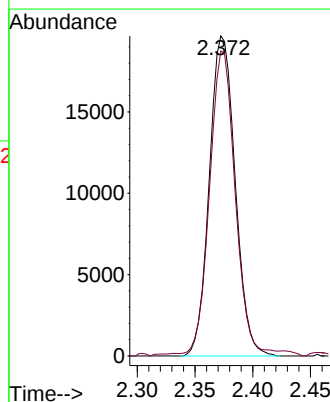
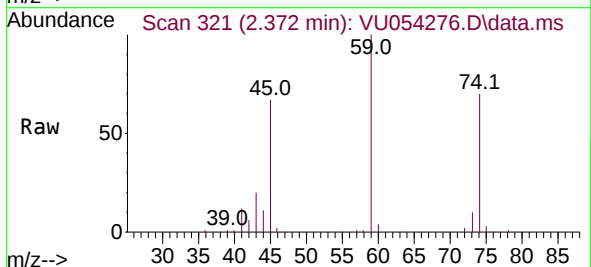
Instrument :
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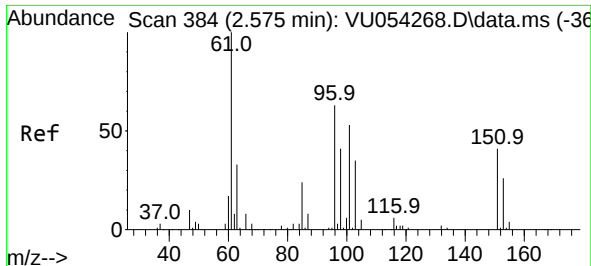
Tgt Ion:101 Resp: 80507
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 18.667 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion: 74 Resp: 30632
 Ion Ratio Lower Upper
 74 100
 45 96.4 44.4 133.2

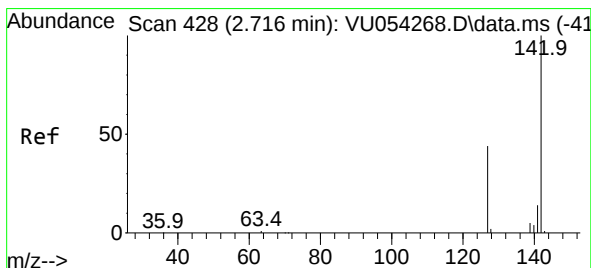
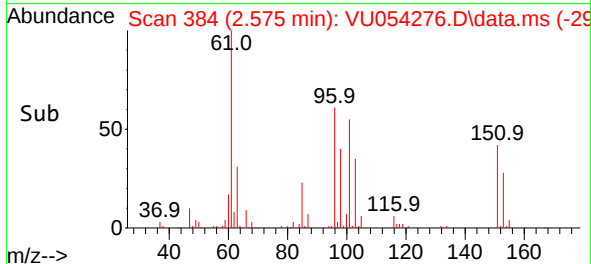
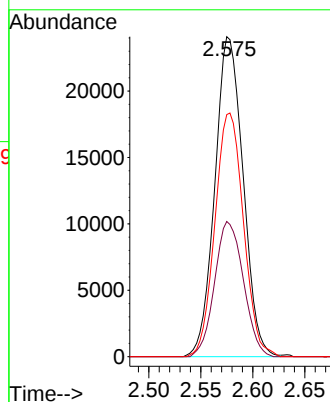
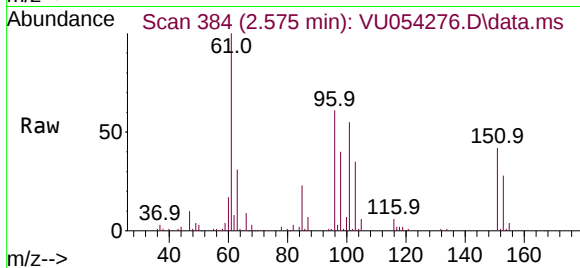




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.965 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

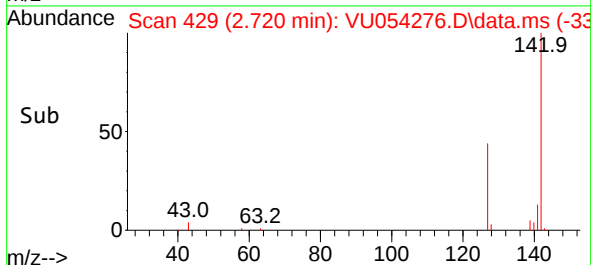
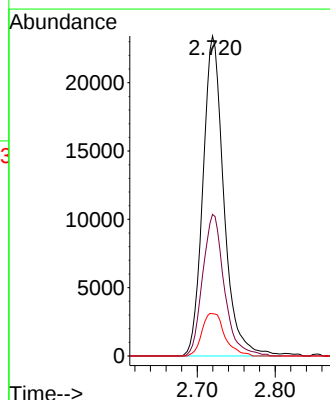
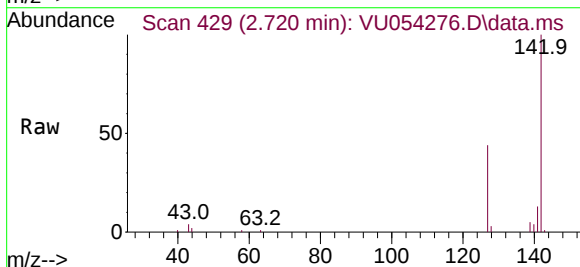
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

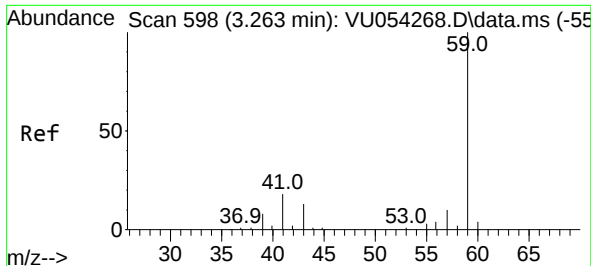
Tgt Ion:	101	Resp:	45515
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	76.9	64.0	96.0



#10
Methyl Iodide
Concen: 16.838 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:	142	Resp:	43744
Ion Ratio	Lower	Upper	
142	100		
127	45.7	32.5	48.7
141	14.4	11.4	17.0

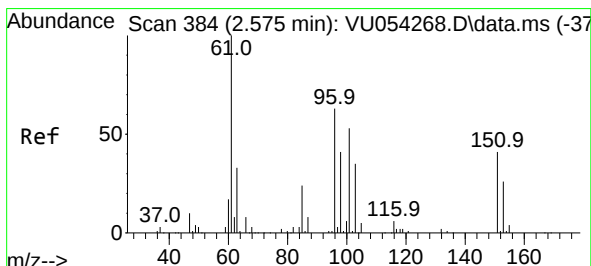
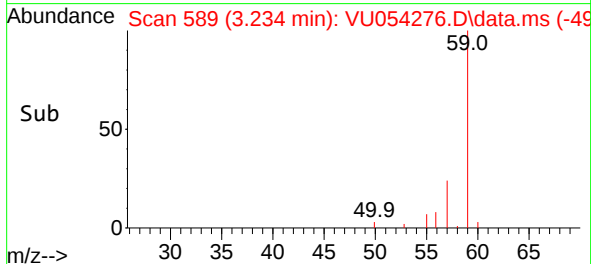
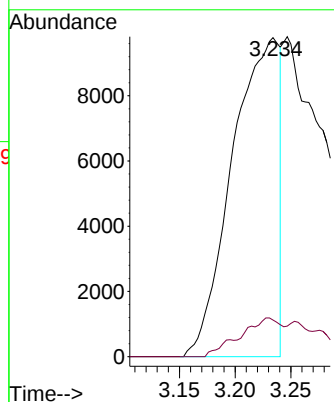
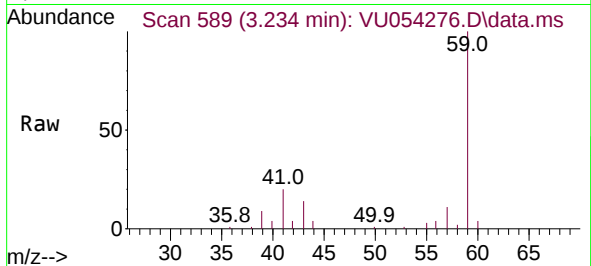




#11
Tert butyl alcohol
Concen: 35.214 ug/l
RT: 3.234 min Scan# 59
Delta R.T. -0.009 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

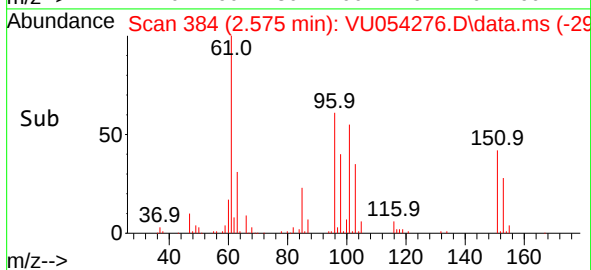
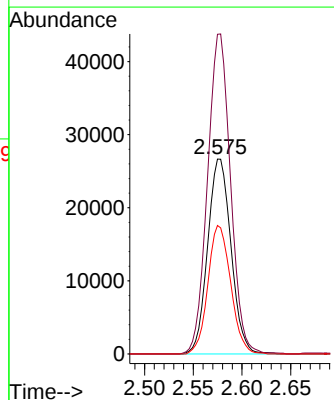
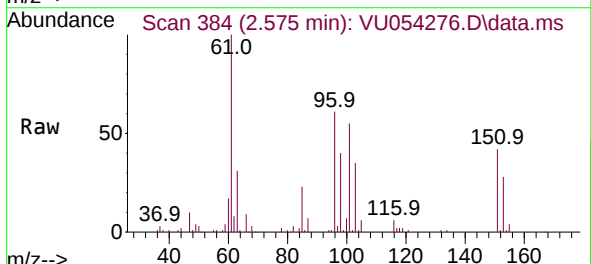
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

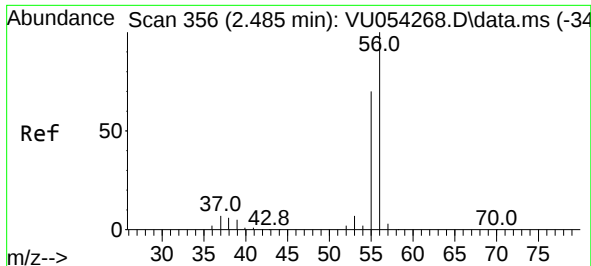
Tgt Ion: 59 Resp: 28807
Ion Ratio Lower Upper
59 100
57 10.6 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 96 Resp: 44508
Ion Ratio Lower Upper
96 100
61 164.1 122.2 183.2
98 65.9 50.7 76.1

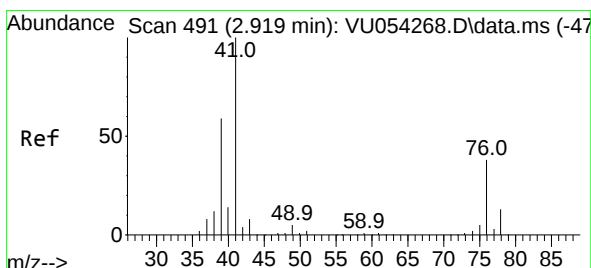
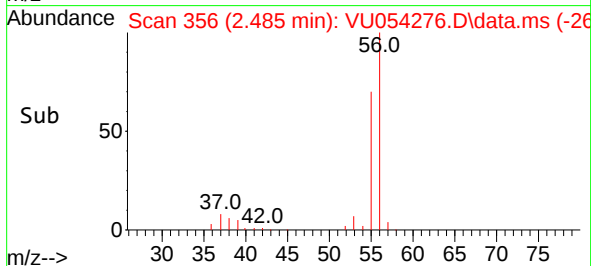
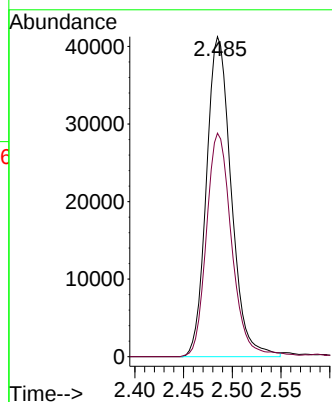
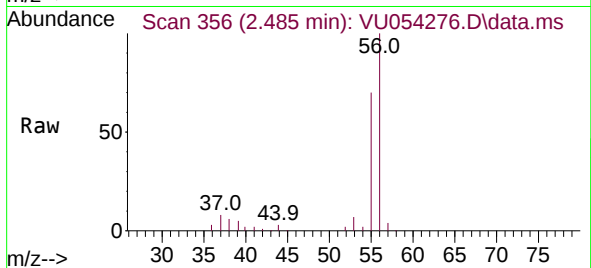




#13
Acrolein
Concen: 85.840 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

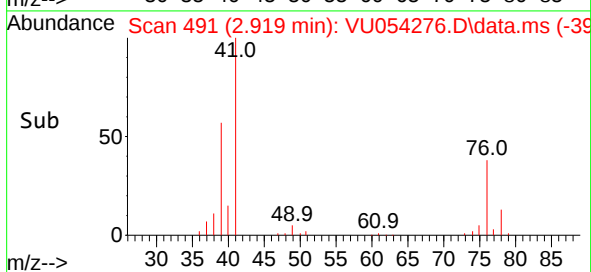
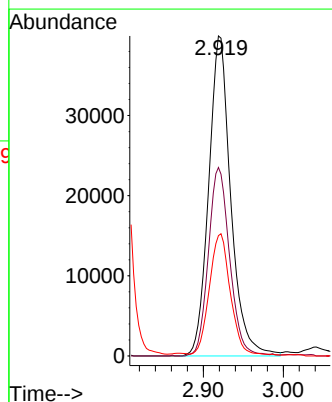
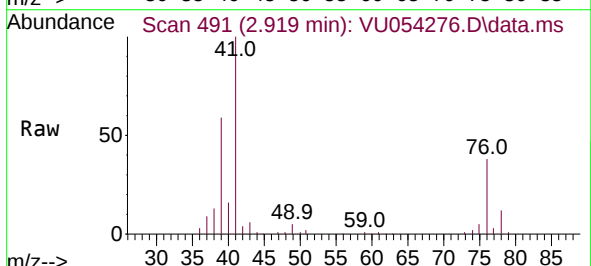
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

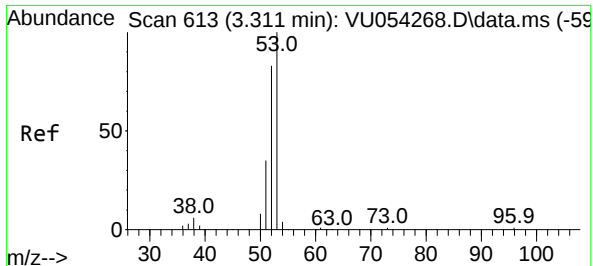
Tgt Ion: 56 Resp: 73052
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0



#14
Allyl chloride
Concen: 17.825 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 41 Resp: 76801
Ion Ratio Lower Upper
41 100
39 56.5 53.4 80.2
76 35.7 33.8 50.6

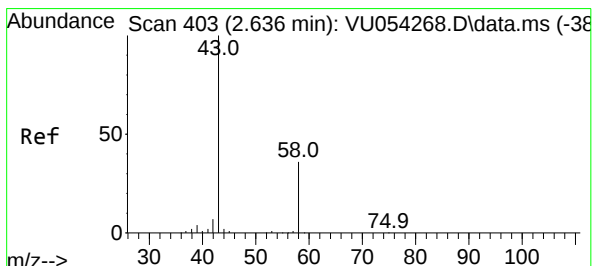
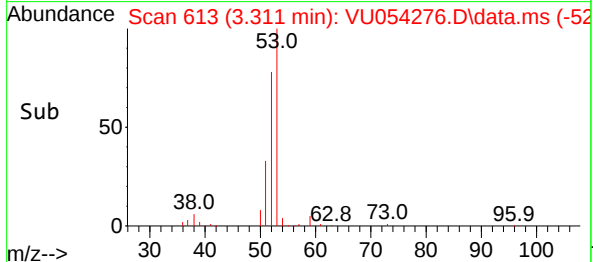
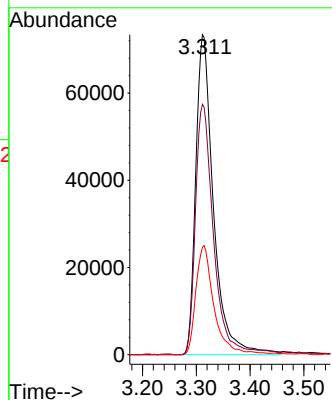
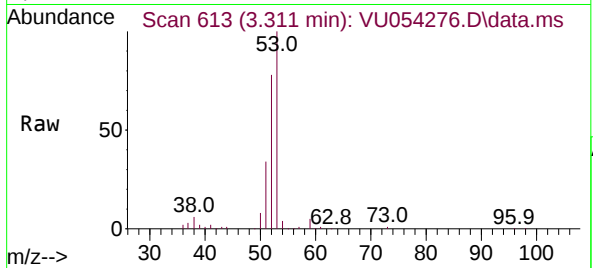




#15
Acrylonitrile
Concen: 91.833 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

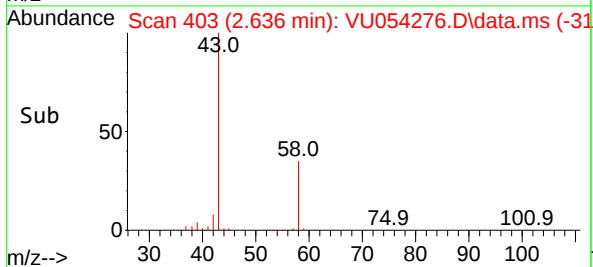
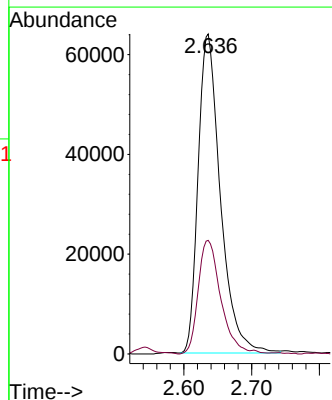
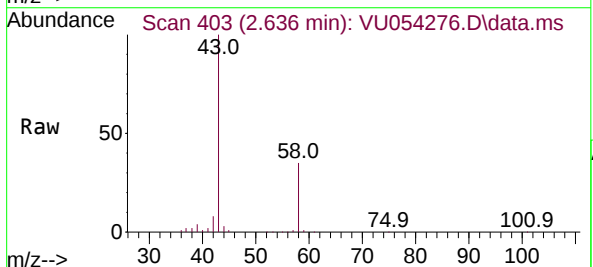
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

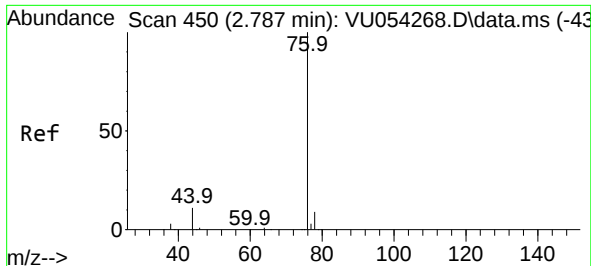
Tgt Ion: 53 Resp: 168434
Ion Ratio Lower Upper
53 100
52 80.0 65.7 98.5
51 34.2 28.2 42.4



#16
Acetone
Concen: 83.987 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 145796
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3

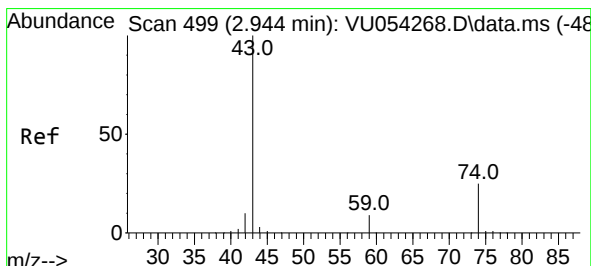
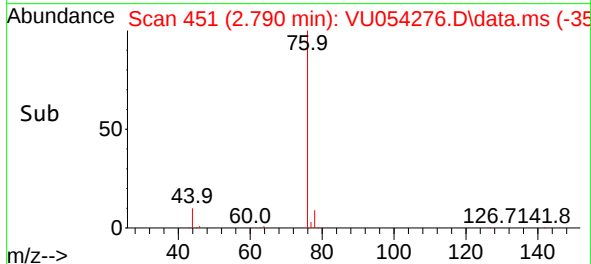
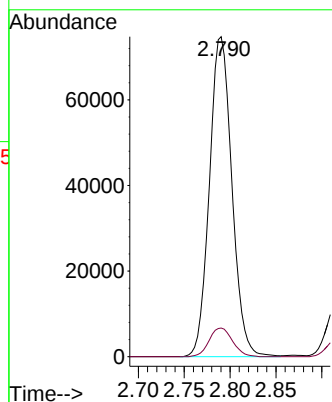
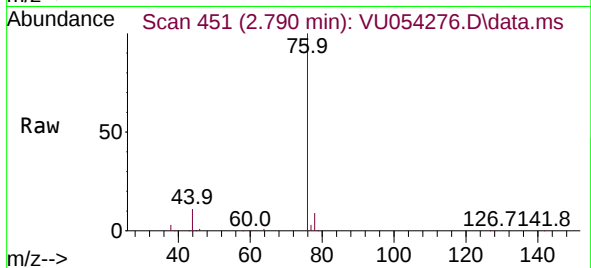




#17
Carbon Disulfide
Concen: 17.371 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

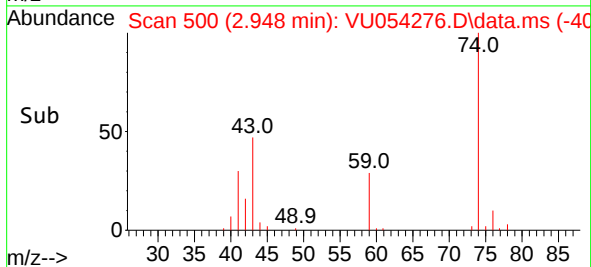
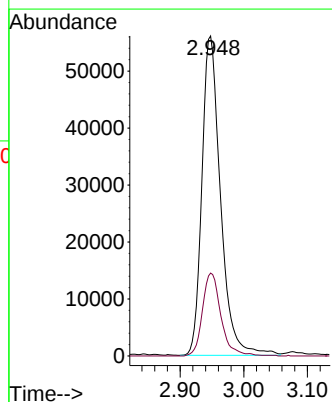
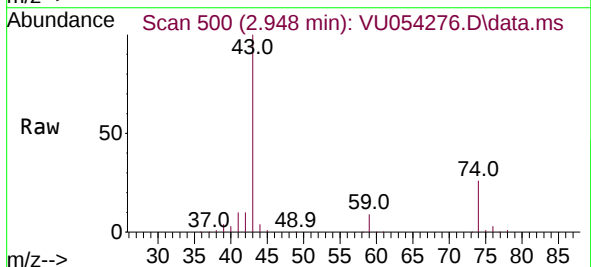
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

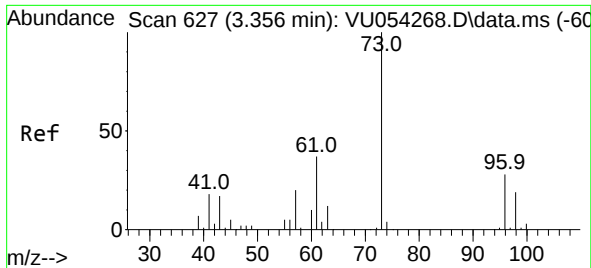
Tgt Ion: 76 Resp: 127571
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 17.978 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 113951
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7

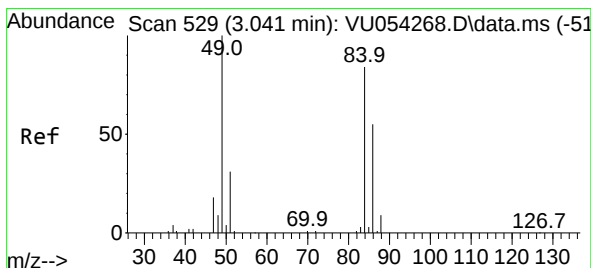
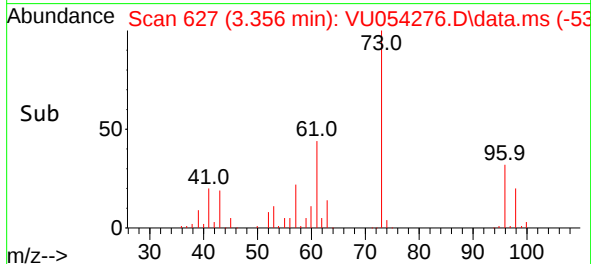
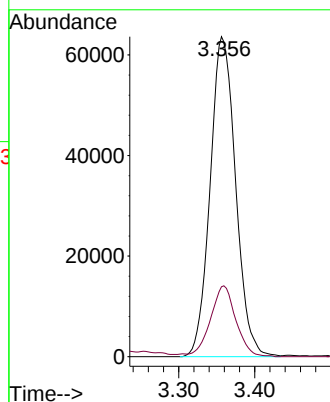
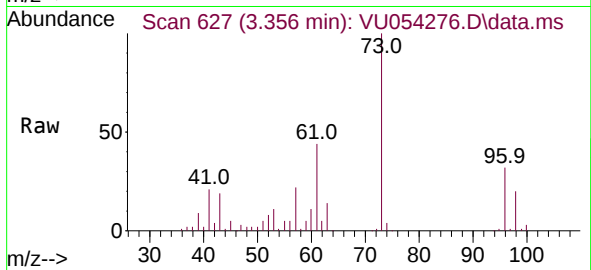




#19
Methyl tert-butyl Ether
Concen: 18.213 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

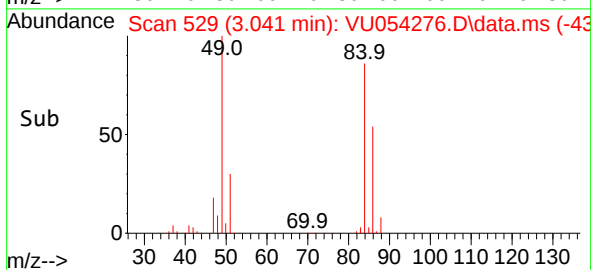
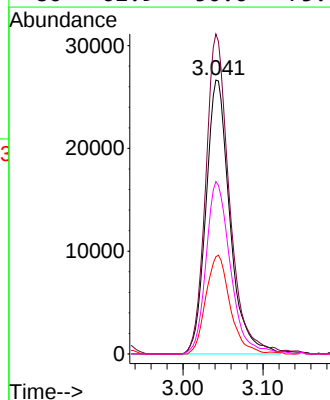
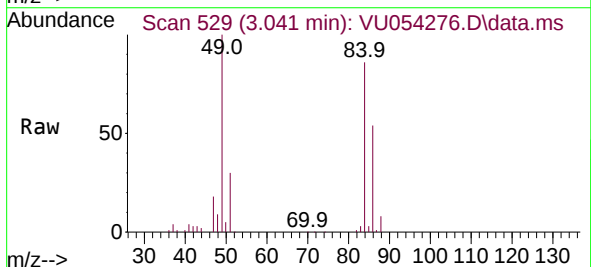
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

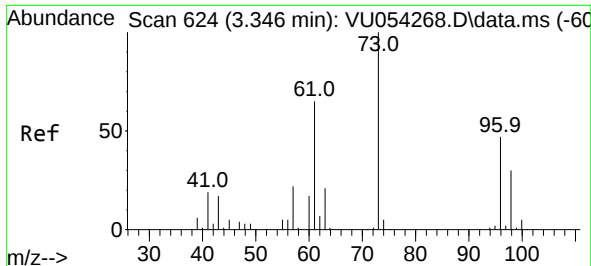
Tgt Ion: 73 Resp: 148147
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 17.757 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 84 Resp: 55611
Ion Ratio Lower Upper
84 100
49 116.8 86.6 129.8
51 35.5 26.6 40.0
86 62.9 50.6 75.8

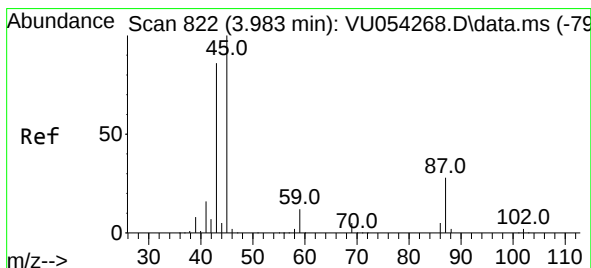
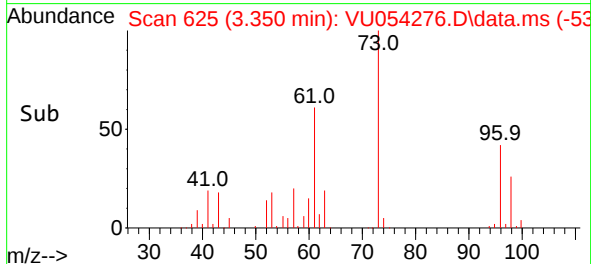
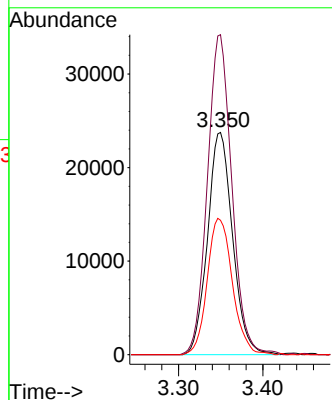
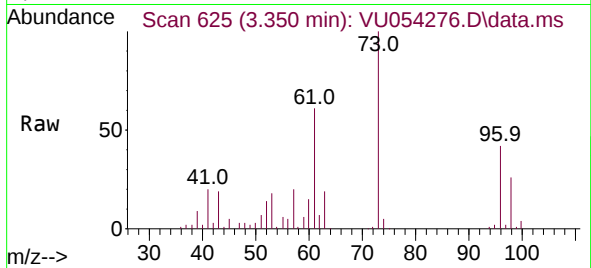




#21
trans-1,2-Dichloroethene
Concen: 18.472 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

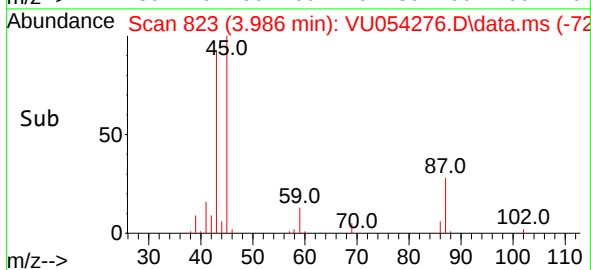
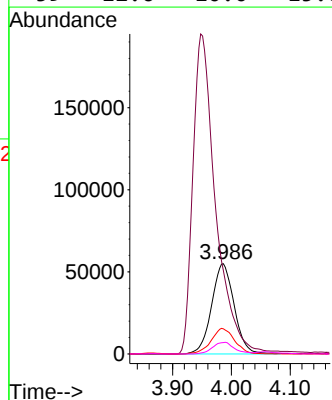
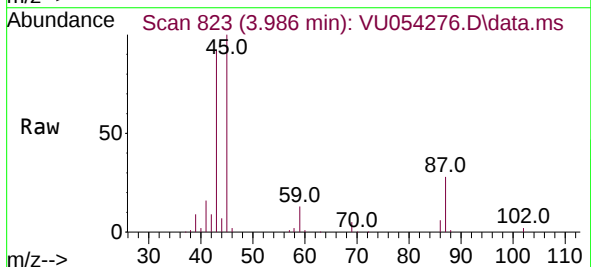
Instrument :
MSVOA_U
ClientSampleId :
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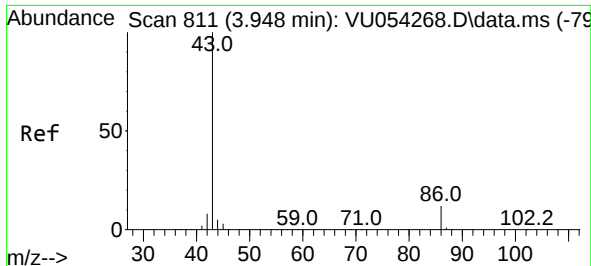
Tgt Ion: 96 Resp: 49143
Ion Ratio Lower Upper
96 100
61 144.0 106.1 159.1
98 60.5 50.8 76.2



#22
Diisopropyl ether
Concen: 19.186 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 45 Resp: 146518
Ion Ratio Lower Upper
45 100
43 90.8 92.9 139.3#
87 27.9 26.2 39.2
59 12.6 10.0 15.0

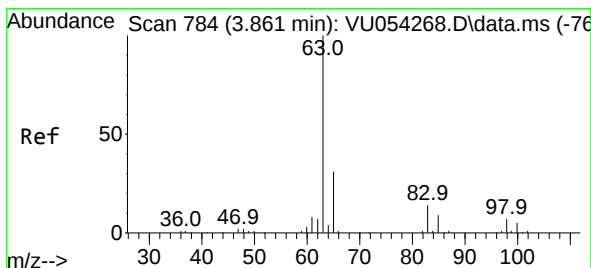
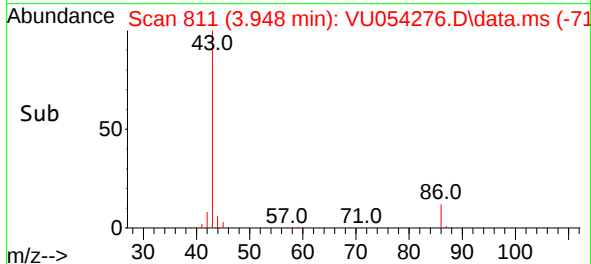
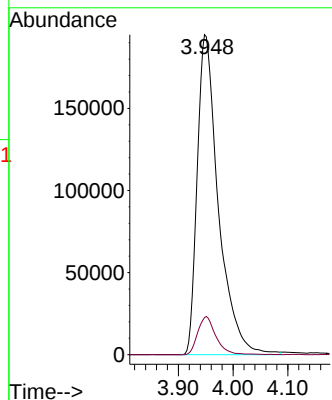
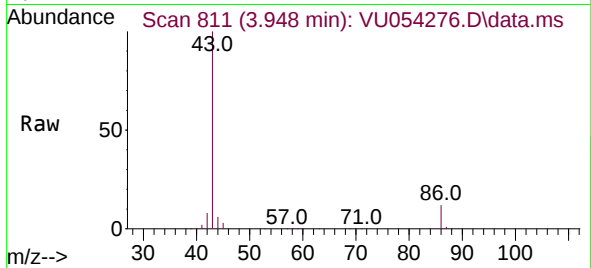




#23
 Vinyl Acetate
 Concen: 94.143 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

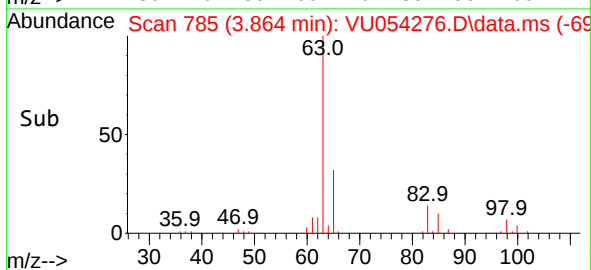
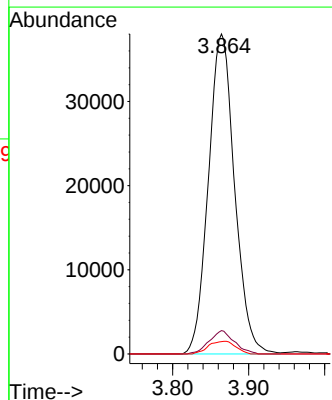
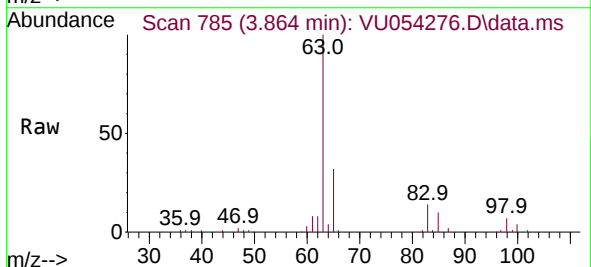
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

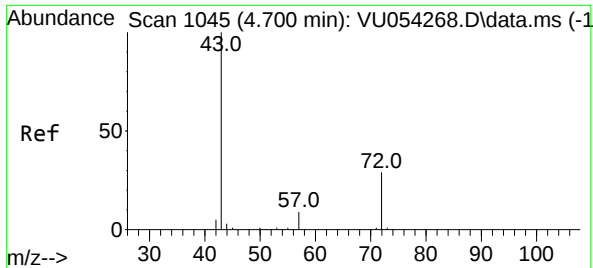
Tgt Ion: 43 Resp: 524606
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.609 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion: 63 Resp: 90999
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.8 2.4 7.2

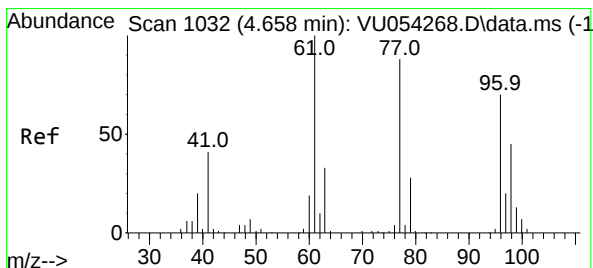
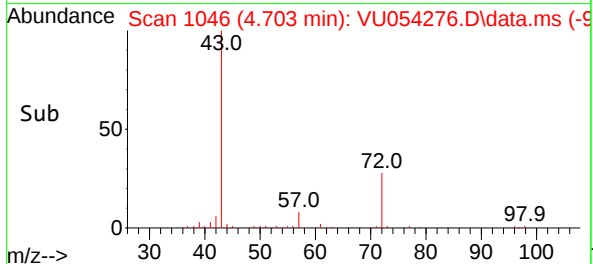
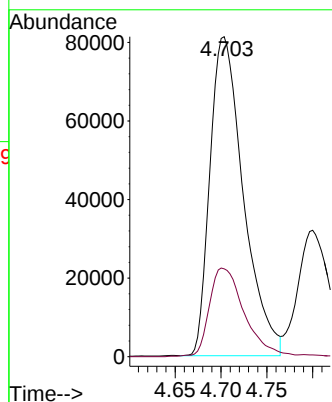
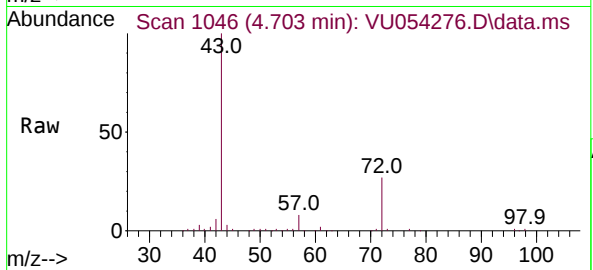




#25
2-Butanone
Concen: 89.697 ug/l
RT: 4.703 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

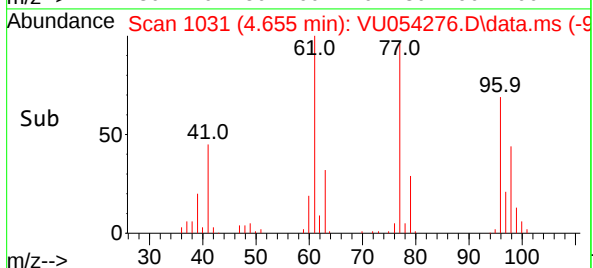
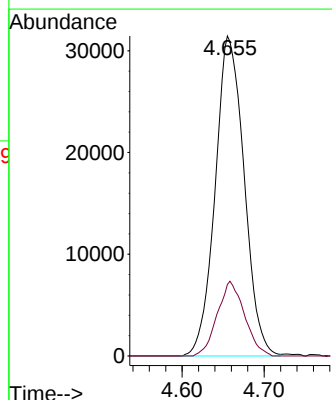
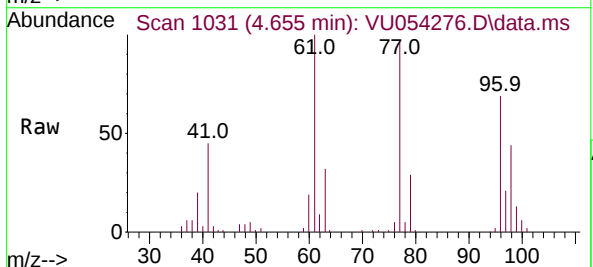
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

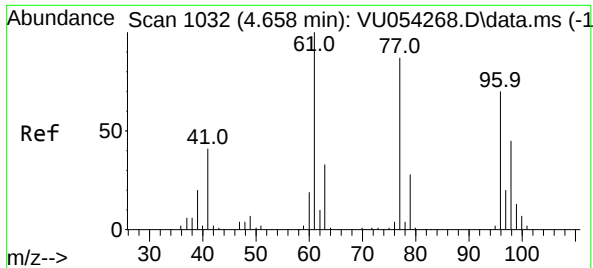
Tgt Ion: 43 Resp: 206159
Ion Ratio Lower Upper
43 100
72 27.3 23.8 35.6



#26
2,2-Dichloropropane
Concen: 18.037 ug/l
RT: 4.655 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 77 Resp: 77080
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8

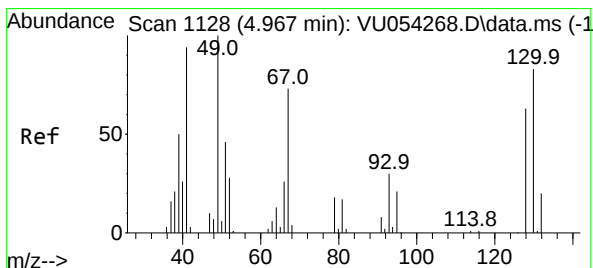
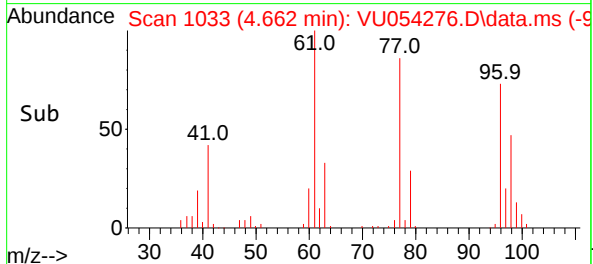
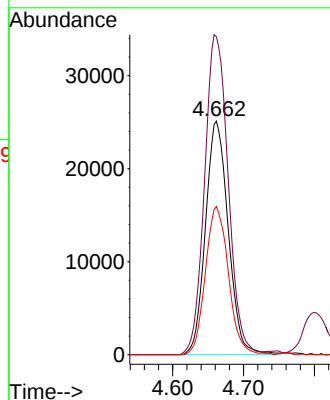
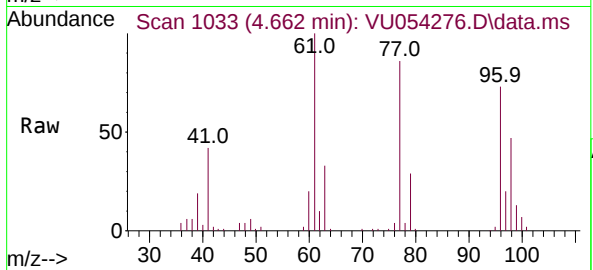




#27
 cis-1,2-Dichloroethene
 Concen: 18.982 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

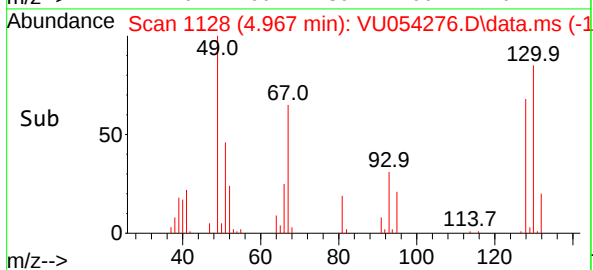
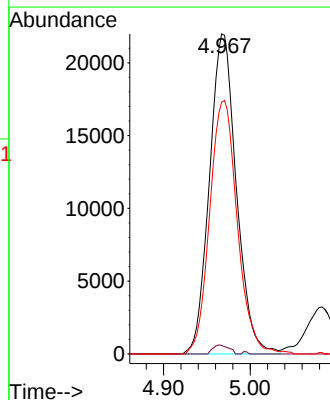
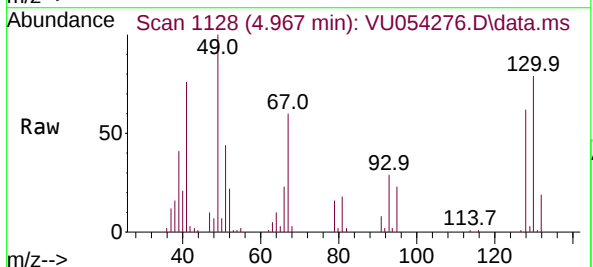
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

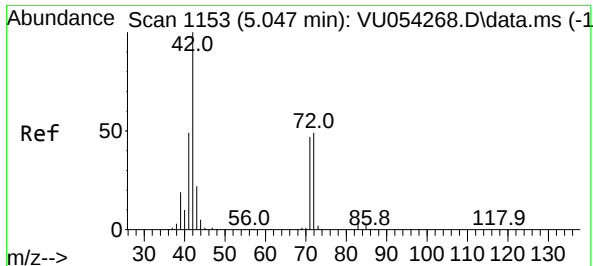
Tgt Ion:	96	Resp:	56179
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	271.6
98	63.9	0.0	128.2



#28
 Bromochloromethane
 Concen: 20.994 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion:	49	Resp:	47505
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	81.1	76.9	115.3





#29

Tetrahydrofuran

Concen: 90.933 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

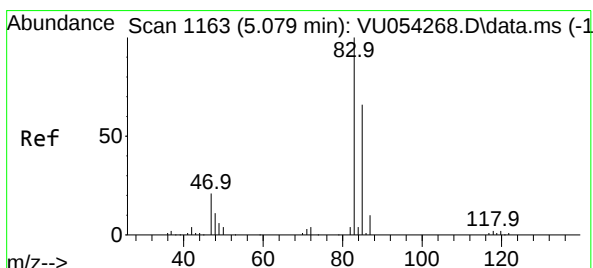
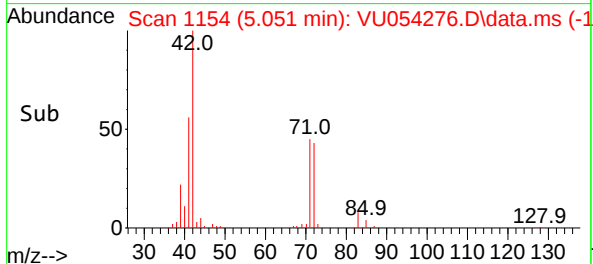
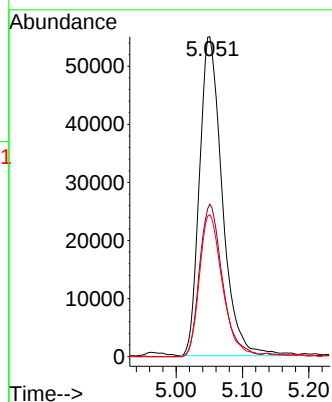
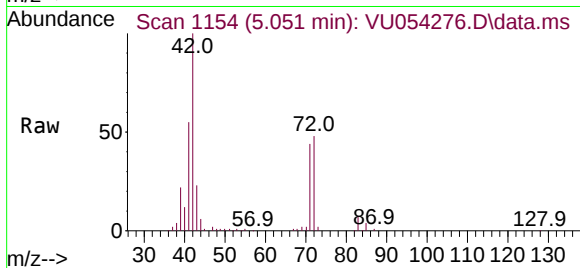
Tgt Ion: 42 Resp: 131372

Ion Ratio Lower Upper

42 100

72 48.1 42.6 63.8

71 44.9 40.3 60.5



#30

Chloroform

Concen: 18.679 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054276.D

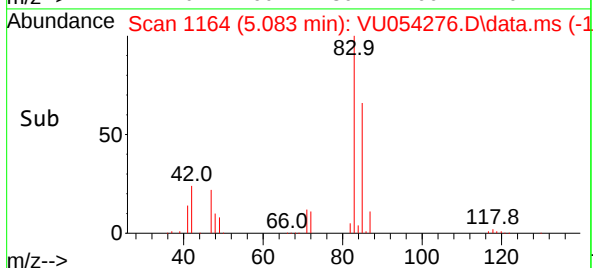
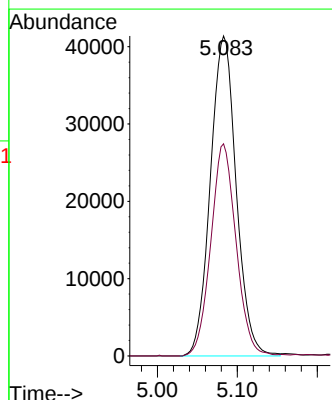
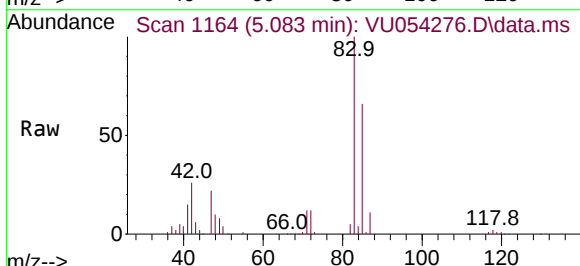
Acq: 26 May 2023 11:29

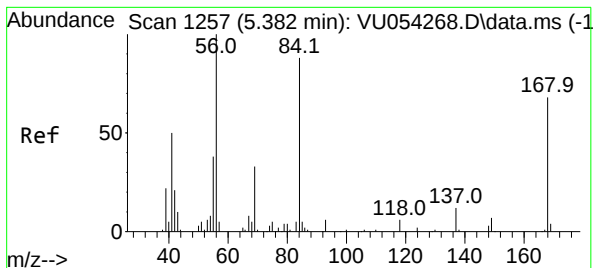
Tgt Ion: 83 Resp: 92847

Ion Ratio Lower Upper

83 100

85 66.3 51.2 76.8





#31

Cyclohexane

Concen: 19.058 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

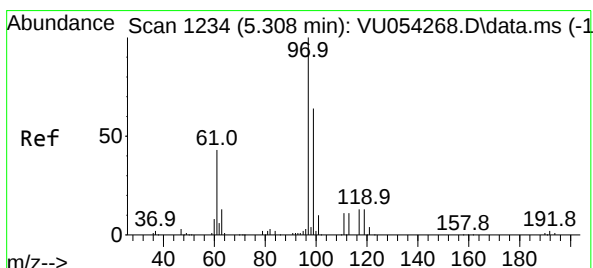
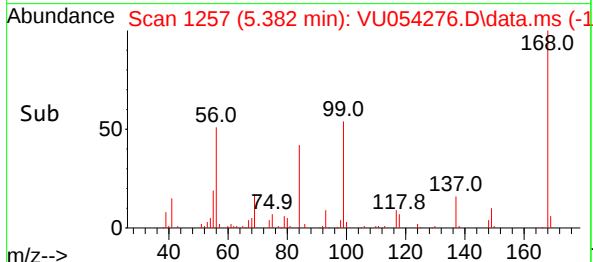
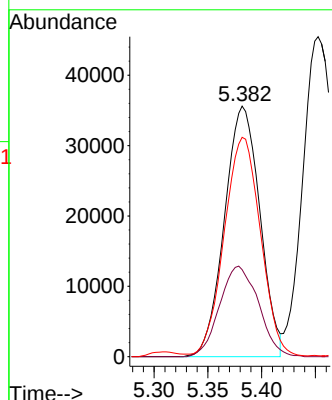
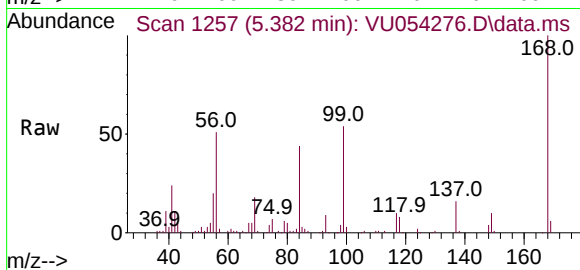
Tgt Ion: 56 Resp: 81498

Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.8

84 86.5 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 18.392 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

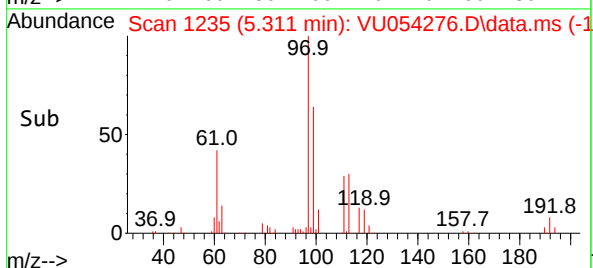
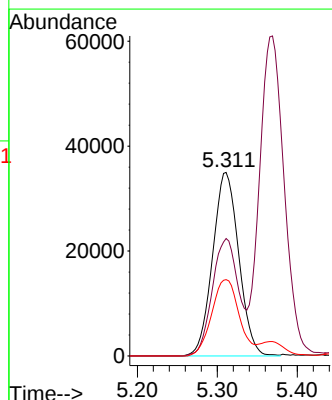
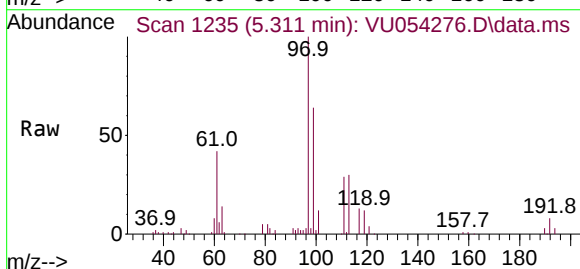
Tgt Ion: 97 Resp: 79371

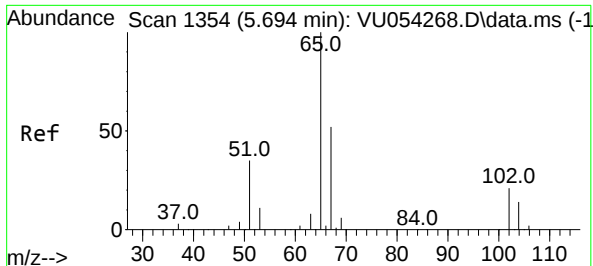
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 43.6 35.1 52.7

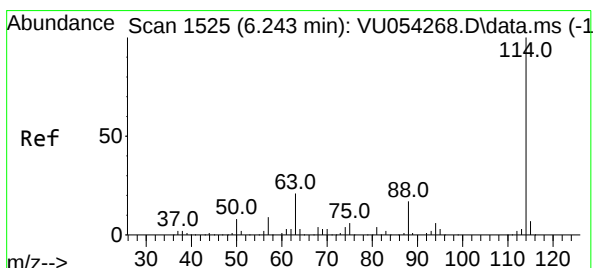
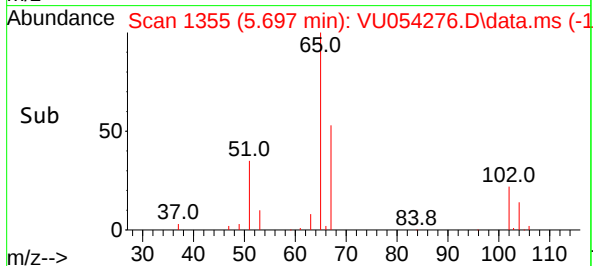
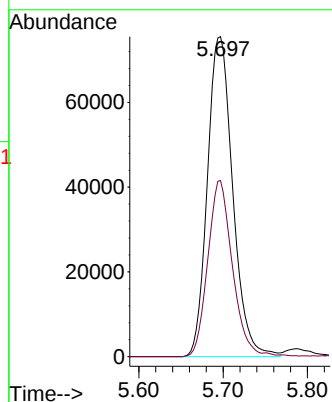
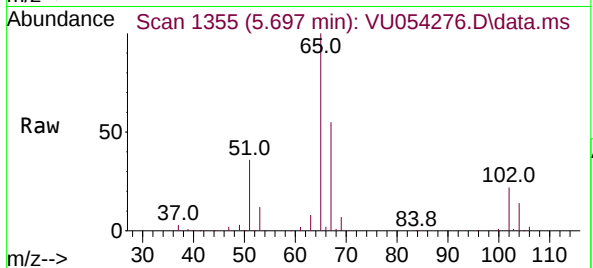




#33
 1,2-Dichloroethane-d4
 Concen: 52.156 ug/l
 RT: 5.697 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

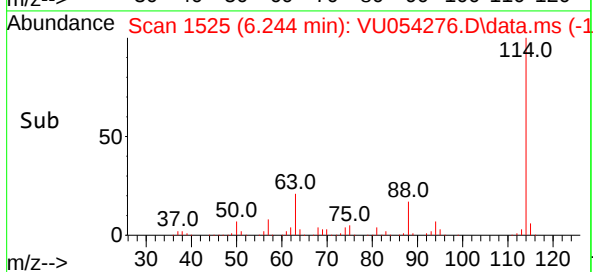
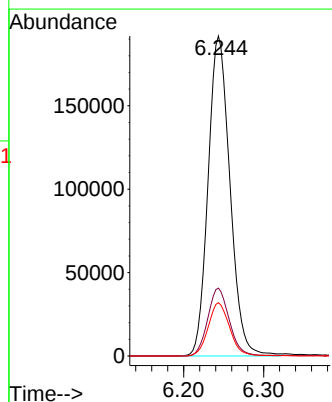
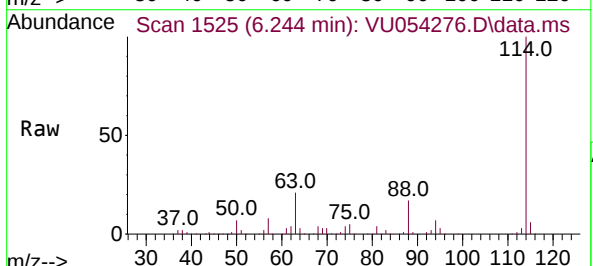
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

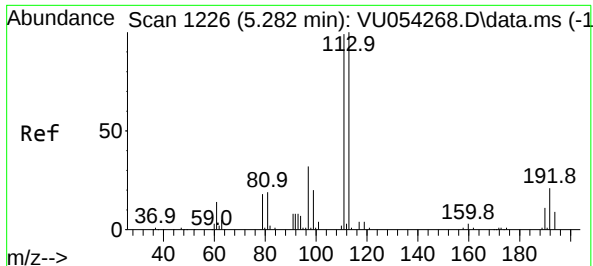
Tgt Ion: 65 Resp: 157954
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.244 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion: 114 Resp: 364648
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.8
 88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.670 ug/l

RT: 5.282 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

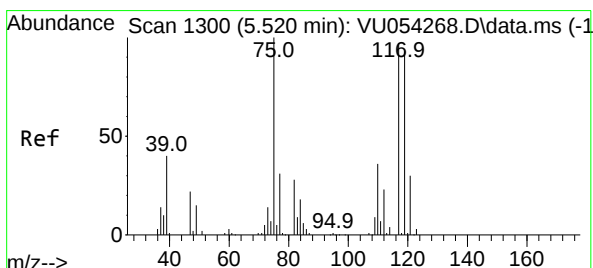
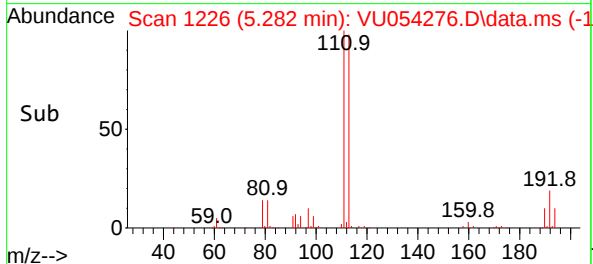
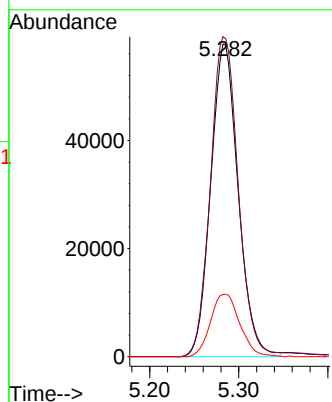
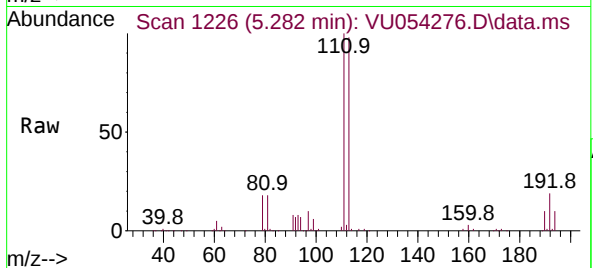
Tgt Ion:113 Resp: 123682

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 21.3 18.0 27.0



#36

1,1-Dichloropropene

Concen: 17.602 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

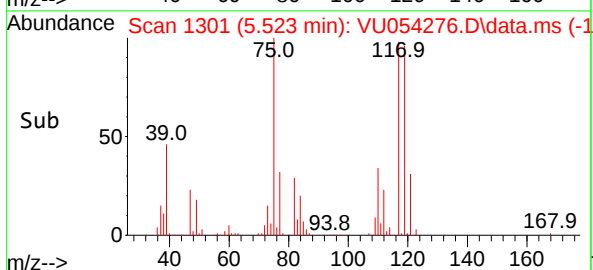
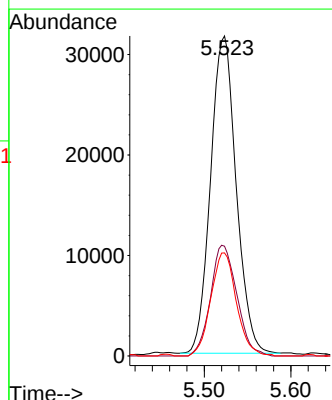
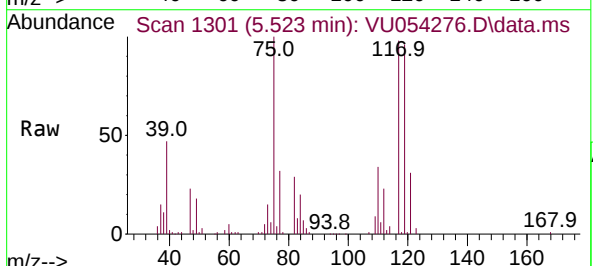
Tgt Ion: 75 Resp: 64921

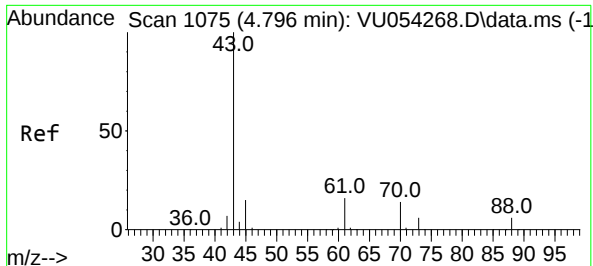
Ion Ratio Lower Upper

75 100

110 35.9 18.4 55.2

77 32.6 25.1 37.7





#37

Ethyl Acetate

Concen: 17.303 ug/l

RT: 4.800 min Scan# 1100

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

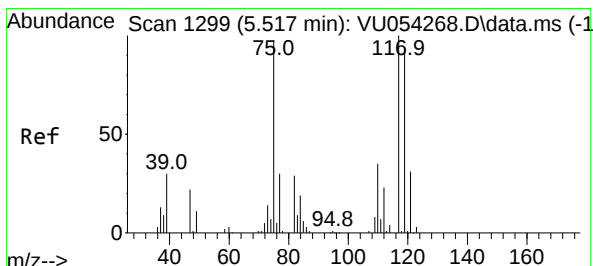
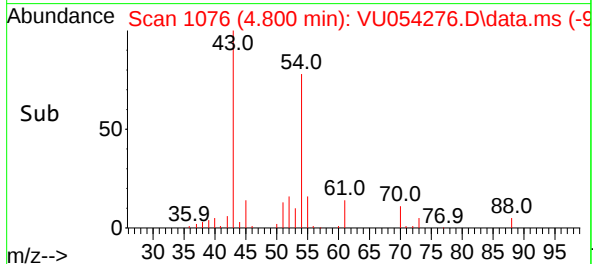
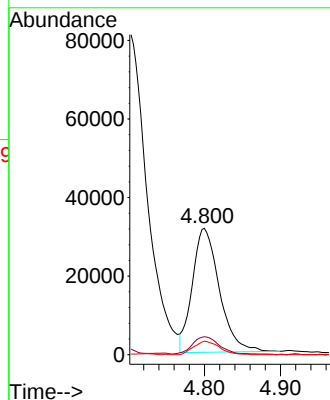
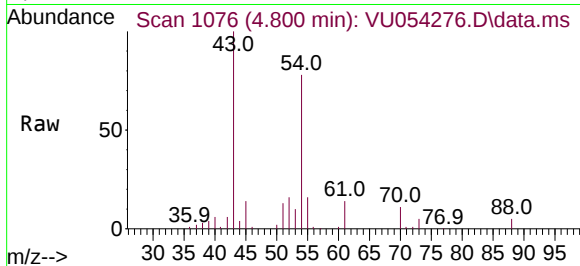
Tgt Ion: 43 Resp: 77776

Ion Ratio Lower Upper

43 100

61 13.7 9.5 14.3

70 10.3 7.5 11.3



#38

Carbon Tetrachloride

Concen: 19.019 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

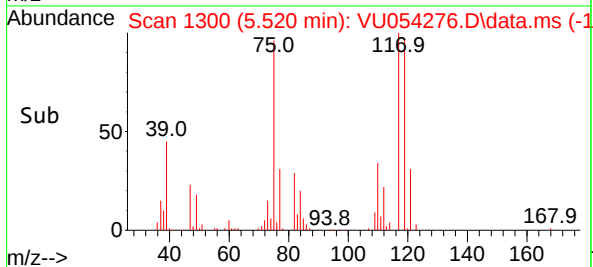
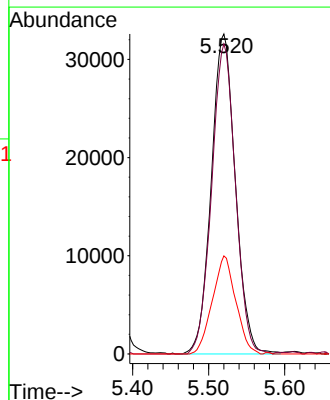
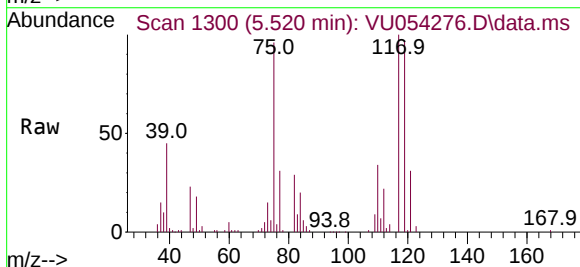
Tgt Ion: 117 Resp: 71798

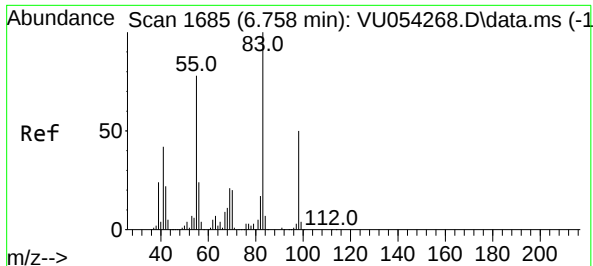
Ion Ratio Lower Upper

117 100

119 96.8 76.8 115.2

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 18.618 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

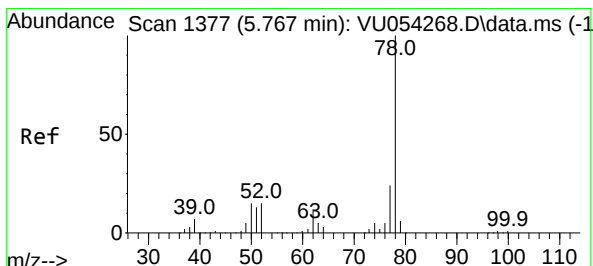
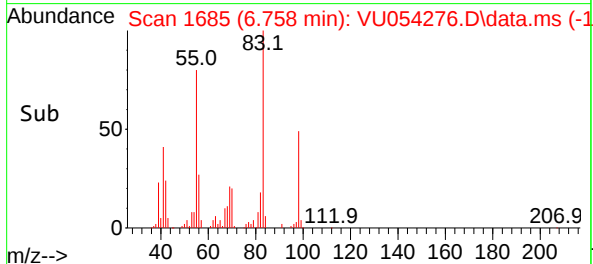
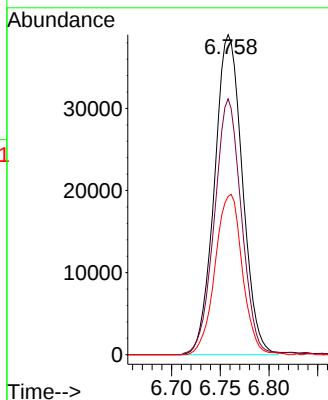
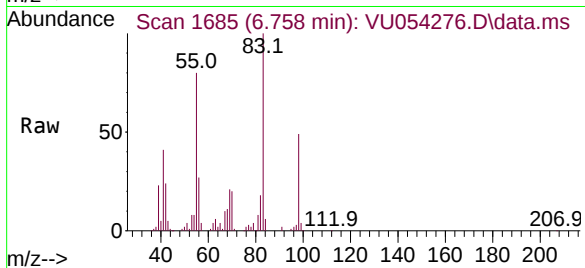
Tgt Ion: 83 Resp: 77778

Ion Ratio Lower Upper

83 100

55 79.9 55.3 82.9

98 49.5 37.3 55.9



#40

Benzene

Concen: 19.156 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054276.D

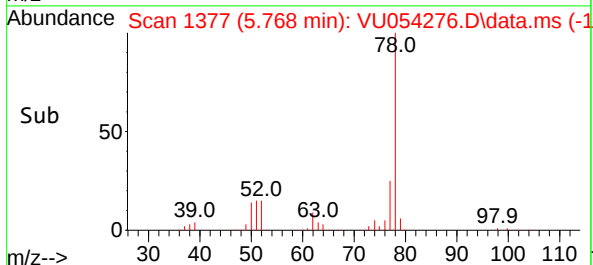
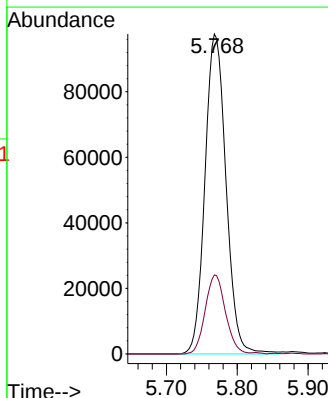
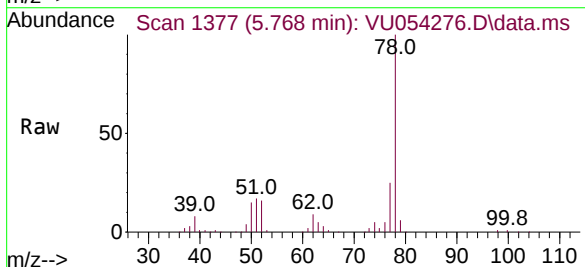
Acq: 26 May 2023 11:29

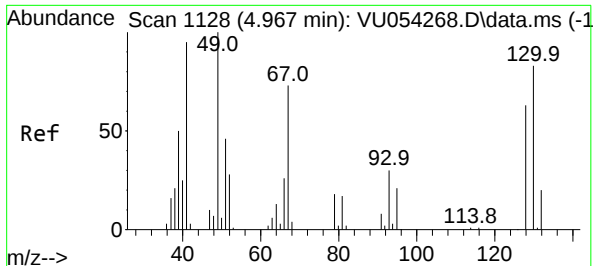
Tgt Ion: 78 Resp: 201527

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2



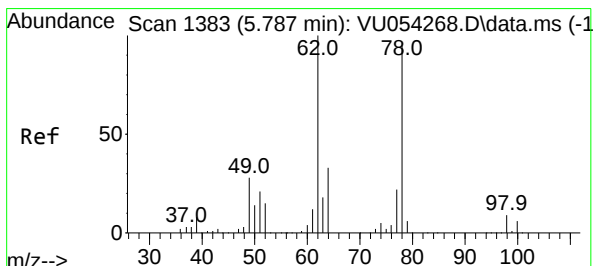
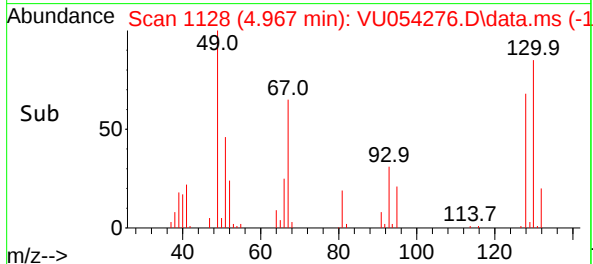
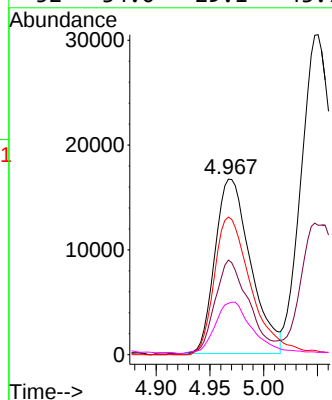
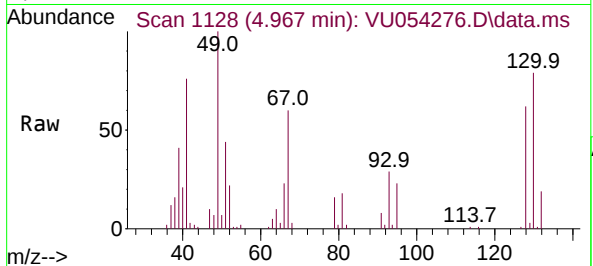


#41
Methacrylonitrile
Concen: 18.521 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 41 Resp: 38477

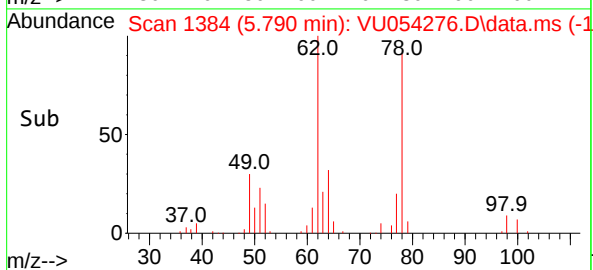
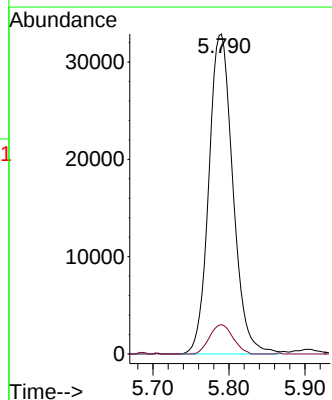
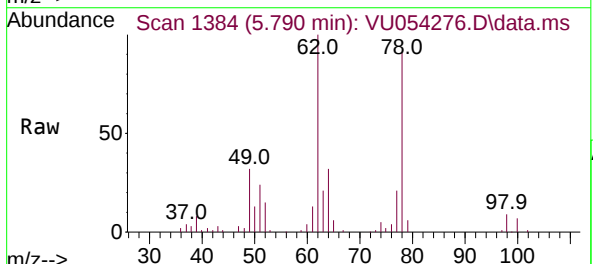
Ion	Ratio	Lower	Upper
41	100		
39	51.3	43.1	64.7
67	82.4	72.3	108.5
52	34.0	29.1	43.7

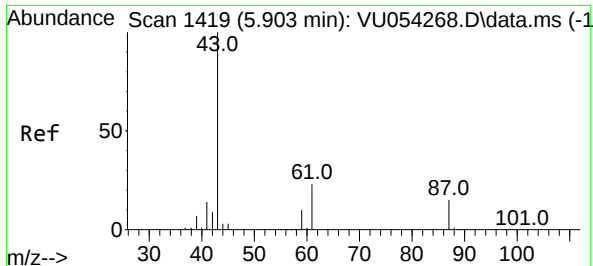


#42
1,2-Dichloroethane
Concen: 18.928 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 62 Resp: 72339

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.734 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

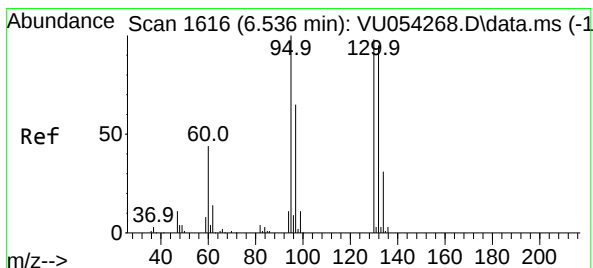
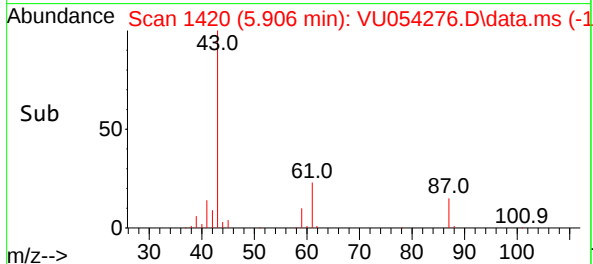
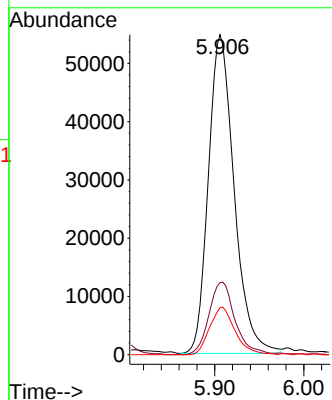
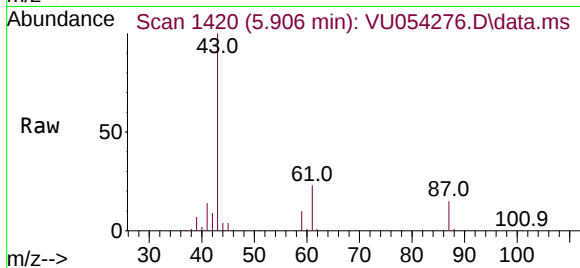
Tgt Ion: 43 Resp: 109956

Ion Ratio Lower Upper

43 100

61 23.0 17.4 26.0

87 14.6 12.6 18.8



#44

Trichloroethene

Concen: 18.622 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU054276.D

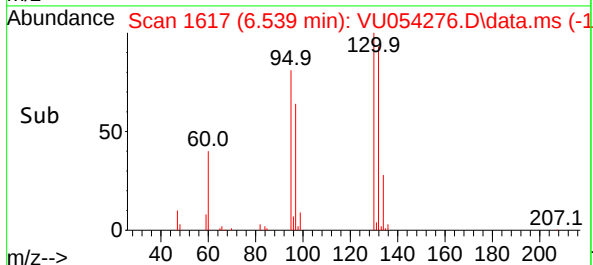
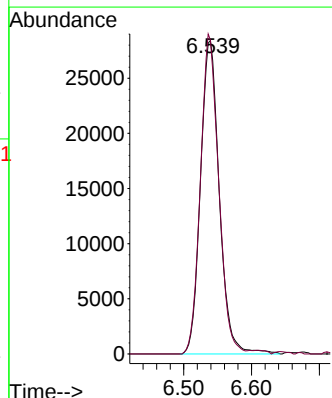
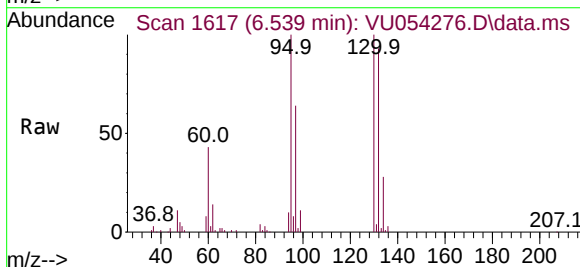
Acq: 26 May 2023 11:29

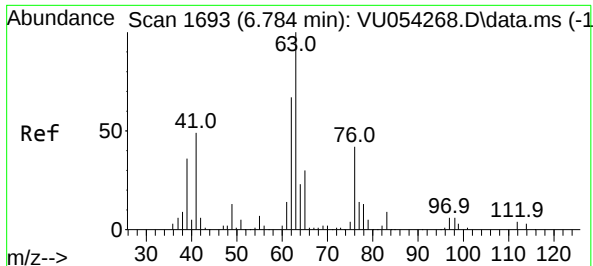
Tgt Ion:130 Resp: 54764

Ion Ratio Lower Upper

130 100

95 100.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

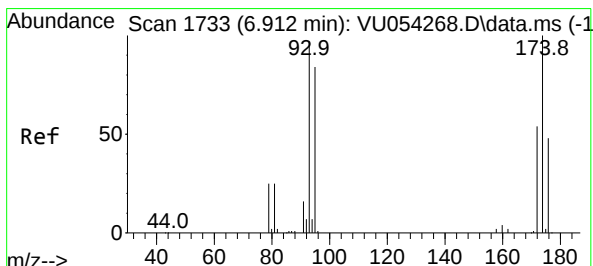
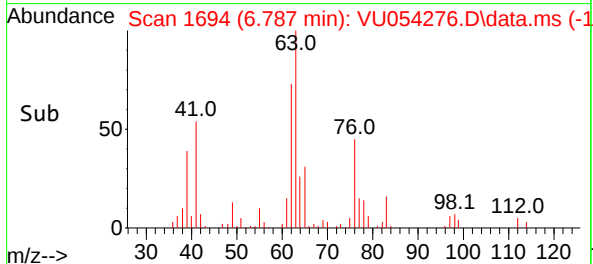
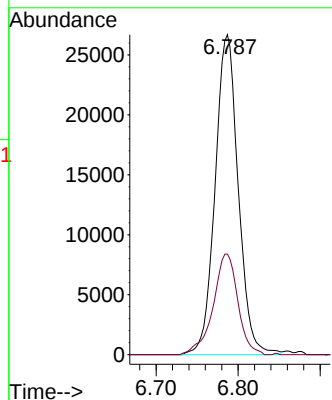
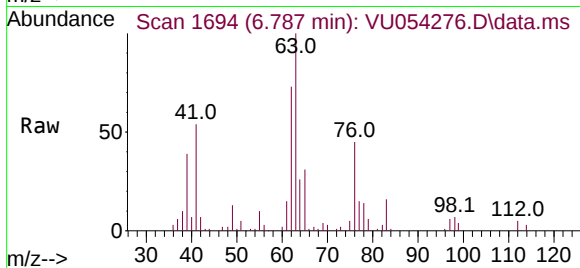
VU0526WBS01

Tgt Ion: 63 Resp: 52407

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 19.148 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

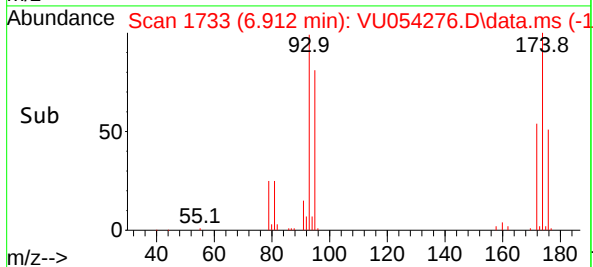
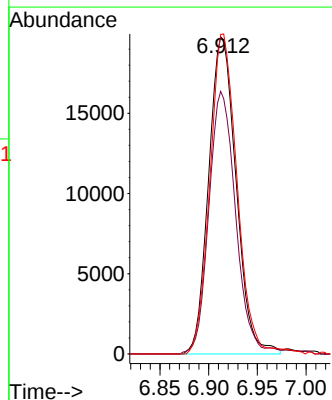
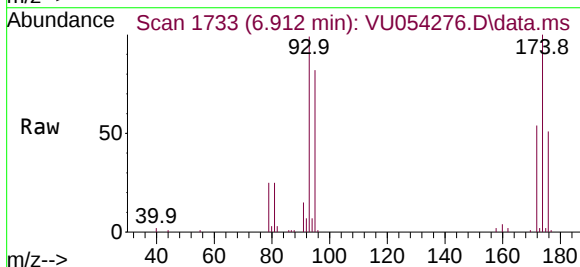
Tgt Ion: 93 Resp: 38683

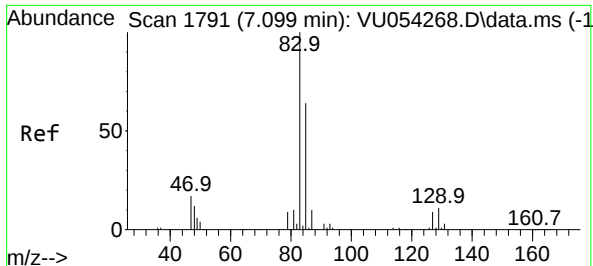
Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 100.1 88.2 132.4





#47

Bromodichloromethane

Concen: 18.367 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

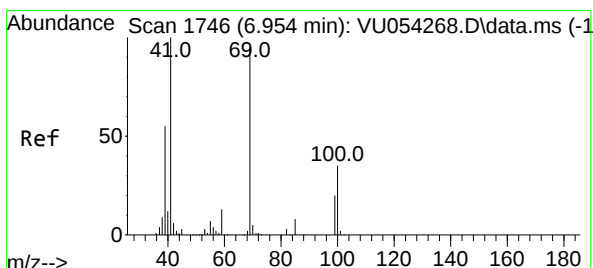
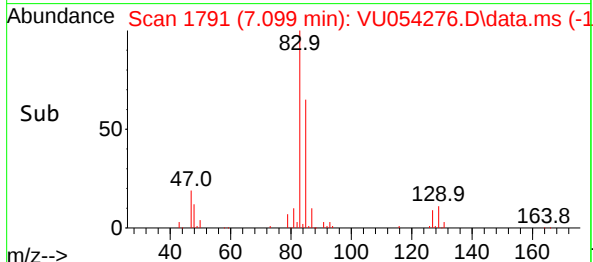
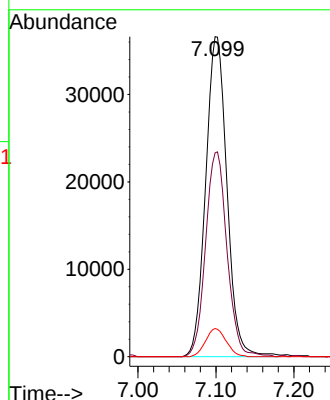
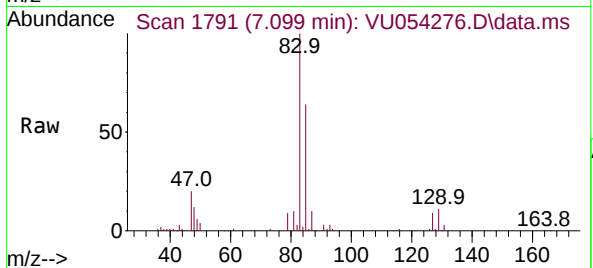
Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion:	83	Resp:	69393
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.2
127	8.8	7.1	10.7



#48

Methyl methacrylate

Concen: 18.729 ug/l

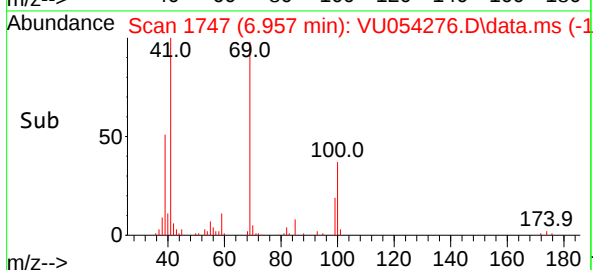
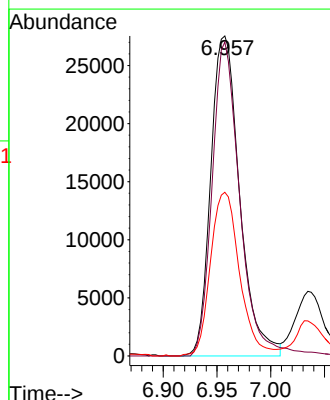
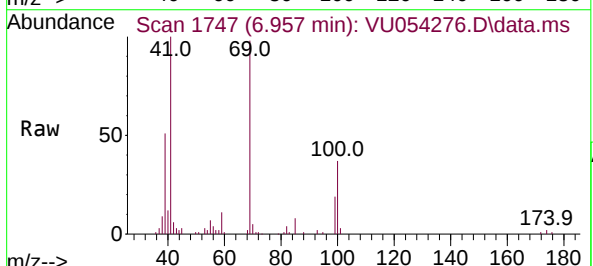
RT: 6.957 min Scan# 1747

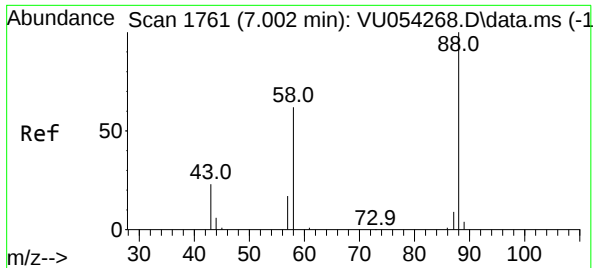
Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:	41	Resp:	51497
Ion	Ratio	Lower	Upper
41	100		
69	94.5	79.8	119.6
39	51.5	47.9	71.9





#49

1,4-Dioxane

Concen: 359.614 ug/l

RT: 7.009 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

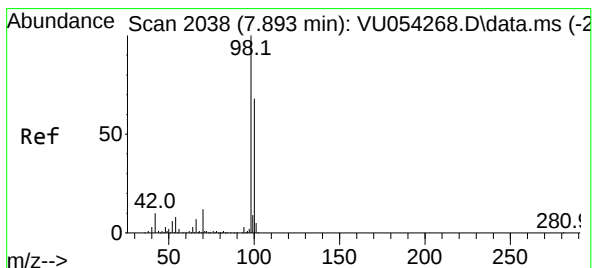
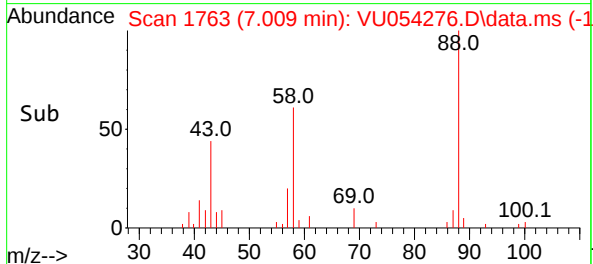
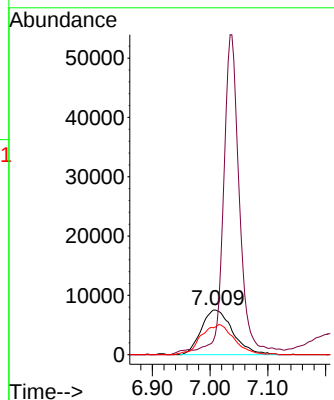
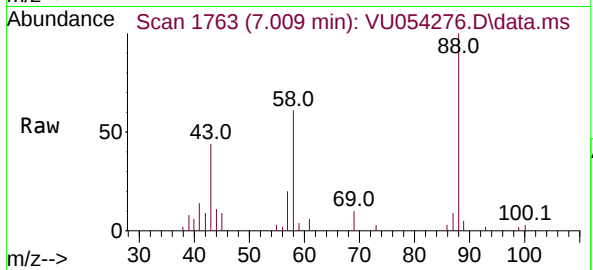
Tgt Ion: 88 Resp: 28546

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.0 15.4 23.0#



#50

Toluene-d8

Concen: 53.859 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054276.D

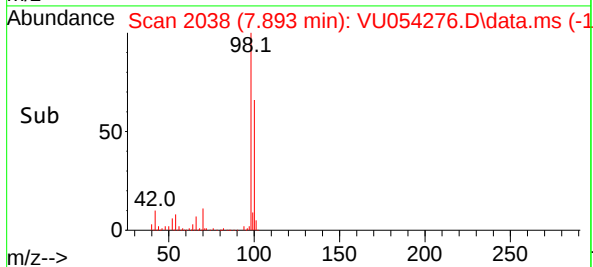
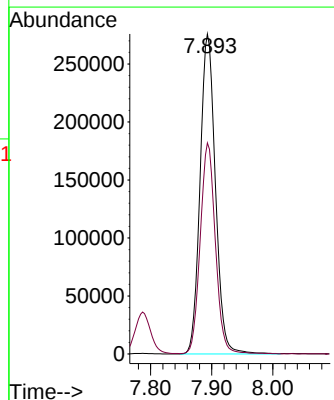
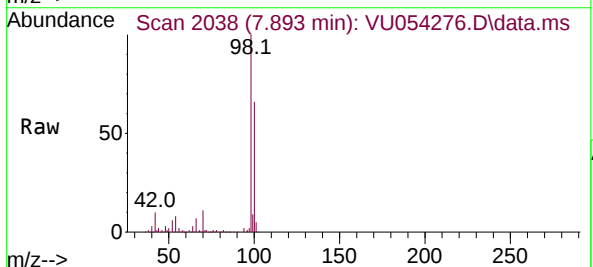
Acq: 26 May 2023 11:29

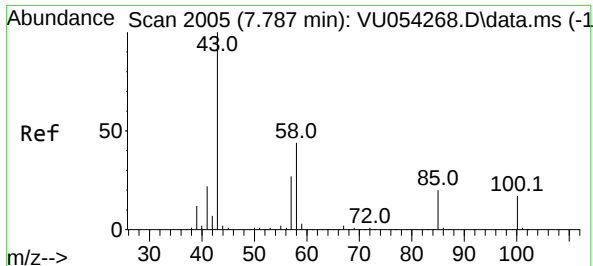
Tgt Ion: 98 Resp: 481071

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

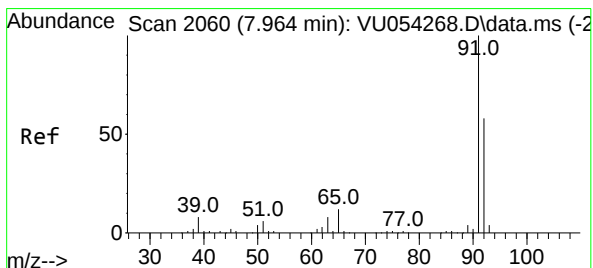
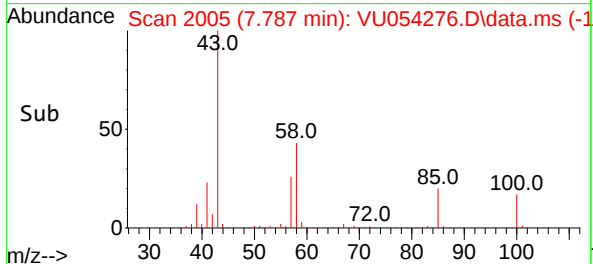
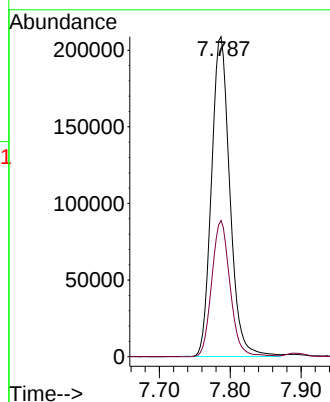
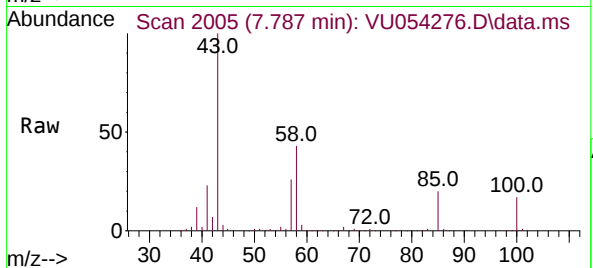




#51
4-Methyl-2-Pentanone
Concen: 90.948 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

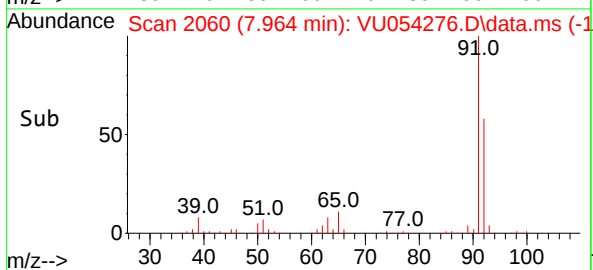
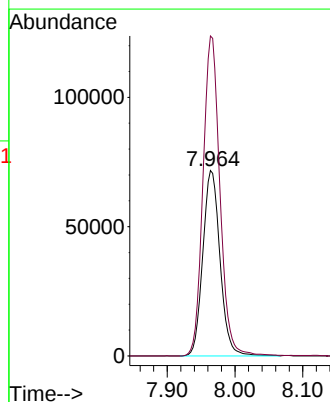
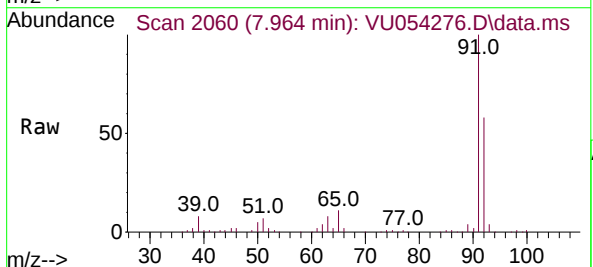
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

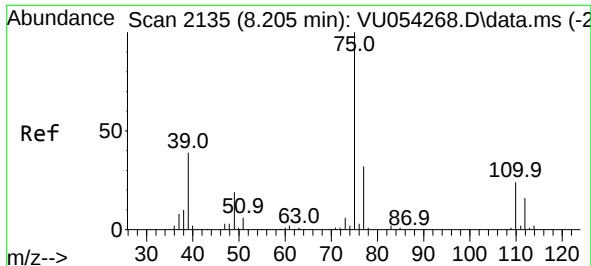
Tgt Ion: 43 Resp: 376309
Ion Ratio Lower Upper
43 100
58 42.5 34.7 52.1



#52
Toluene
Concen: 18.857 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 92 Resp: 126499
Ion Ratio Lower Upper
92 100
91 170.0 138.2 207.4

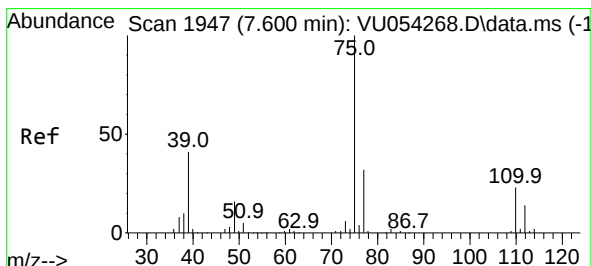
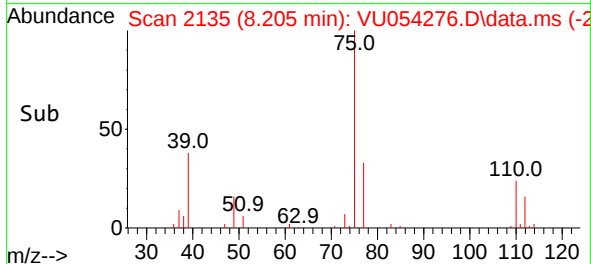
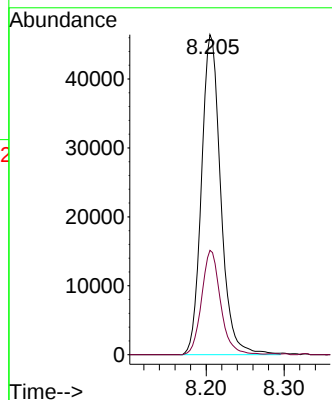
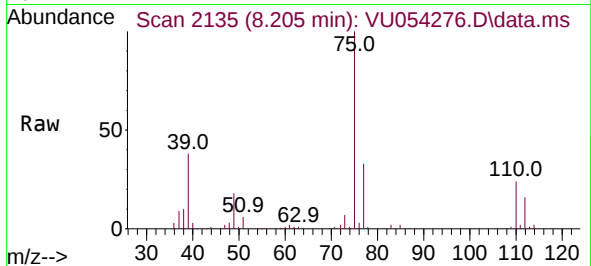




#53
t-1,3-Dichloropropene
Concen: 18.423 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

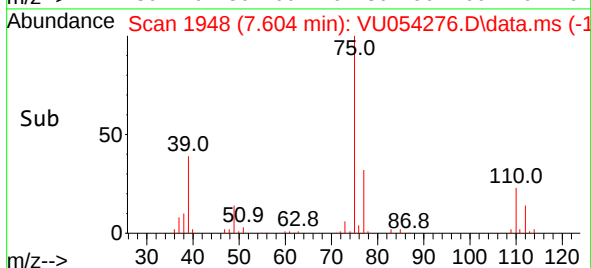
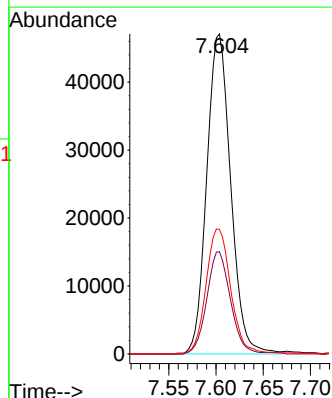
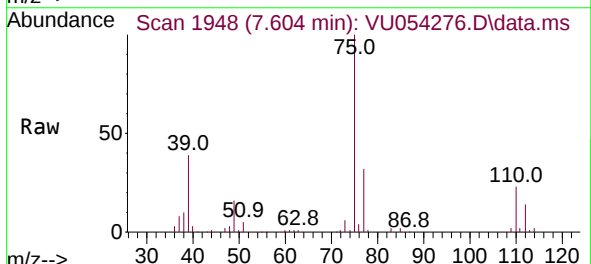
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

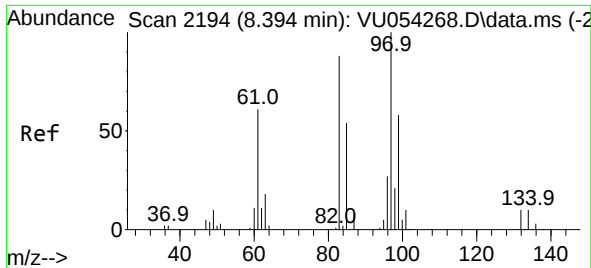
Tgt Ion: 75 Resp: 79631
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.400 ug/l
RT: 7.604 min Scan# 1948
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 75 Resp: 83000
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 38.6 33.0 49.6

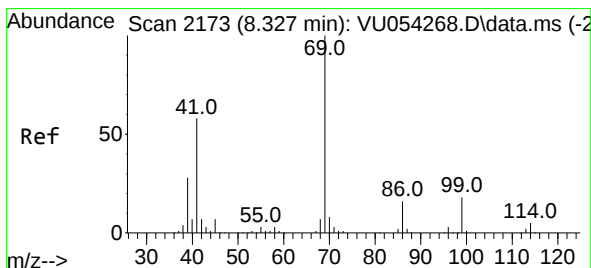
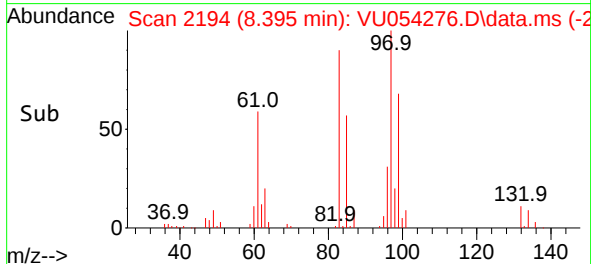
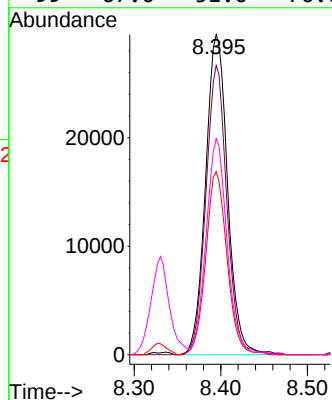
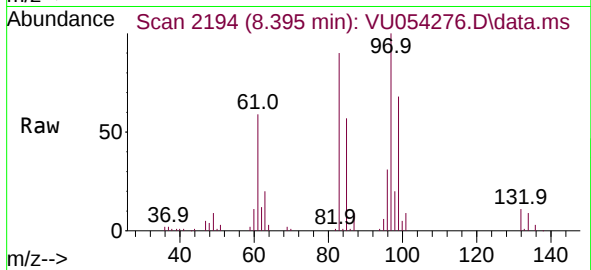




#55
1,1,2-Trichloroethane
Concen: 18.773 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

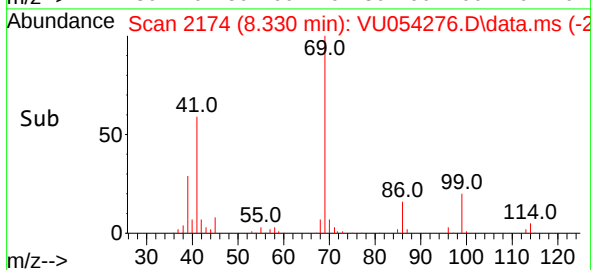
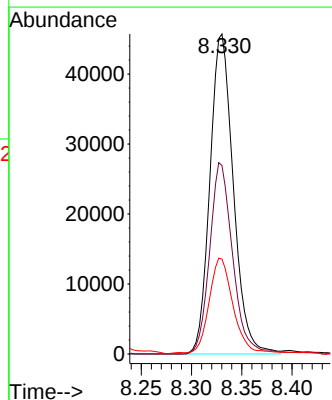
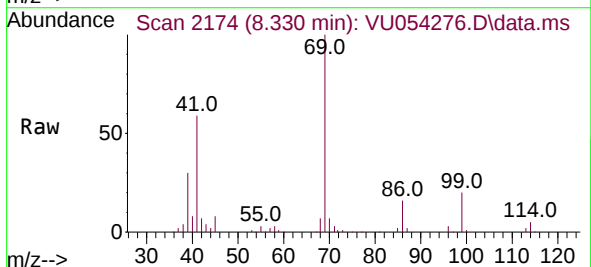
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

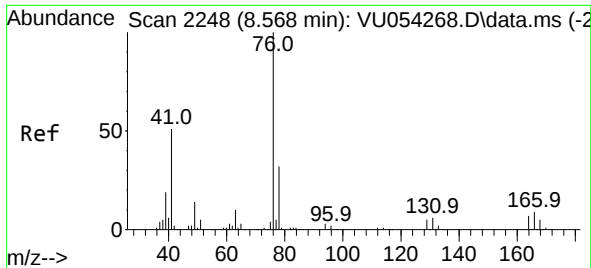
Tgt Ion:	97	Resp:	52190
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.4
85	57.2	44.6	66.8
99	67.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 17.880 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:	69	Resp:	73991
Ion	Ratio	Lower	Upper
69	100		
41	58.9	45.4	68.0
39	31.5	25.7	38.5





#57

1,3-Dichloropropane

Concen: 18.583 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

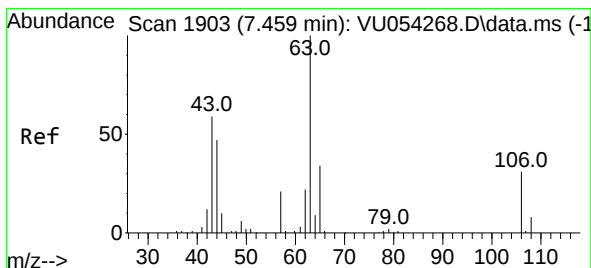
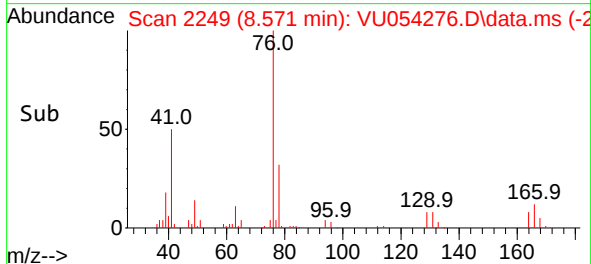
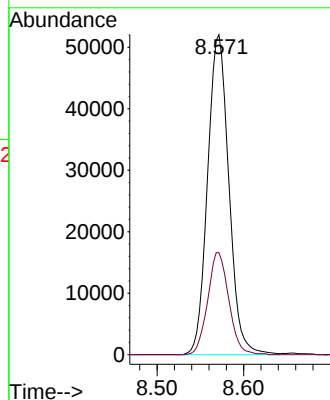
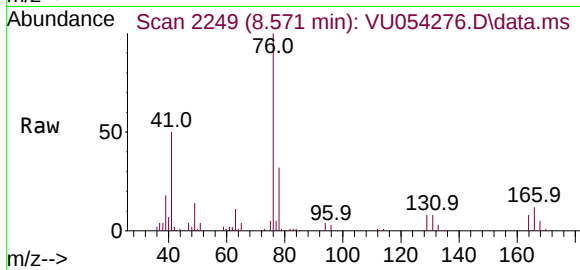
VU0526WBS01

Tgt Ion: 76 Resp: 88968

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 46.664 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VU054276.D

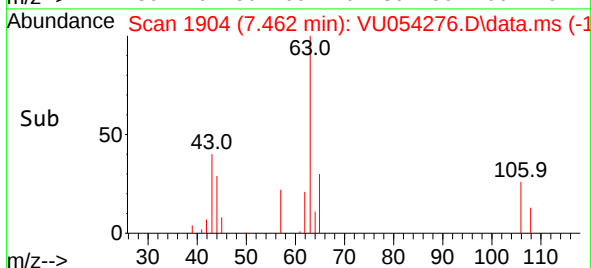
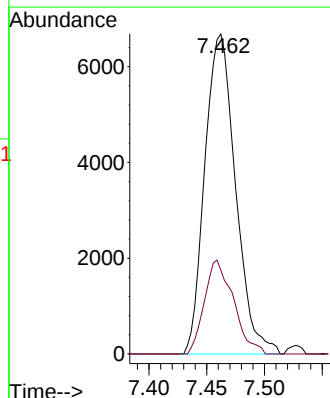
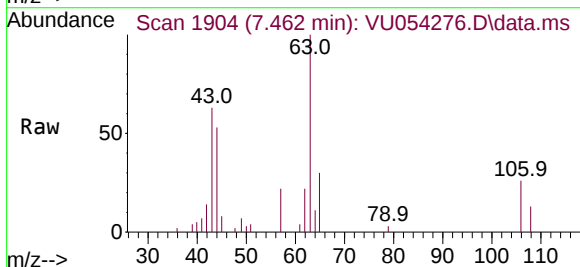
Acq: 26 May 2023 11:29

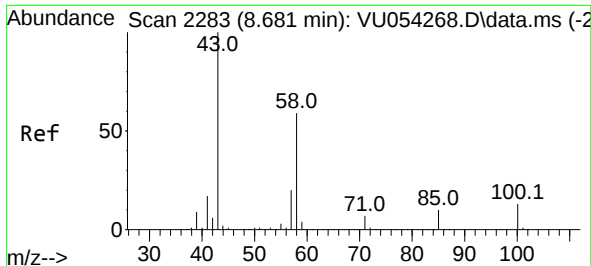
Tgt Ion: 63 Resp: 12381

Ion Ratio Lower Upper

63 100

106 27.7 23.1 34.7

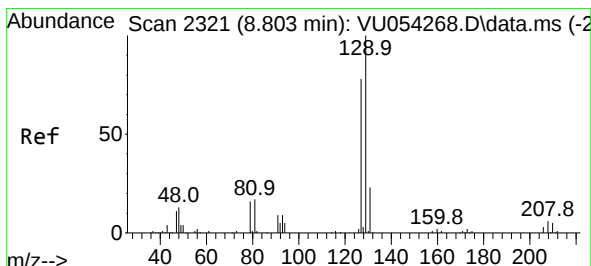
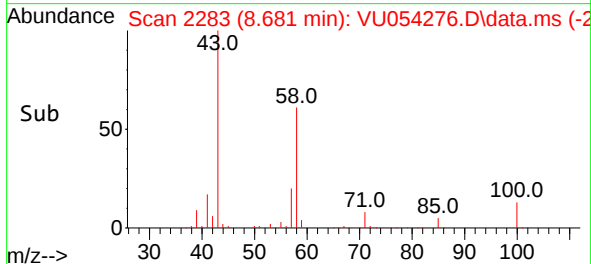
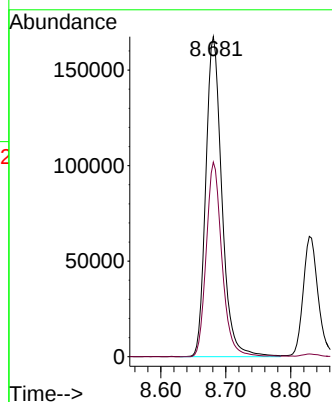
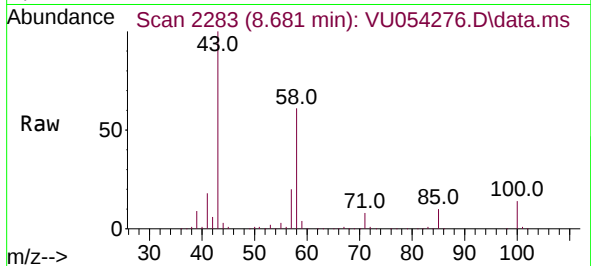




#59
2-Hexanone
Concen: 88.463 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

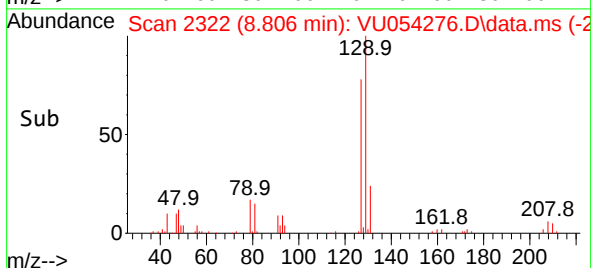
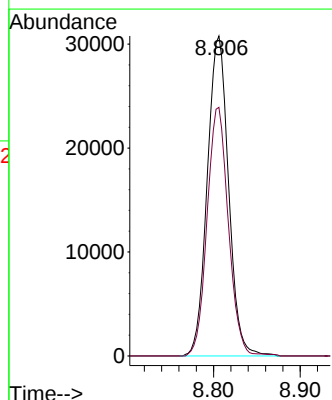
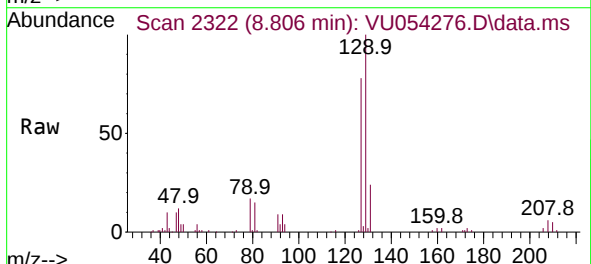
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

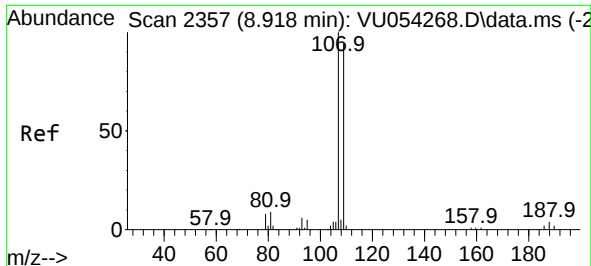
Tgt Ion: 43 Resp: 289144
Ion Ratio Lower Upper
43 100
58 59.3 30.3 90.8



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 129 Resp: 52513
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

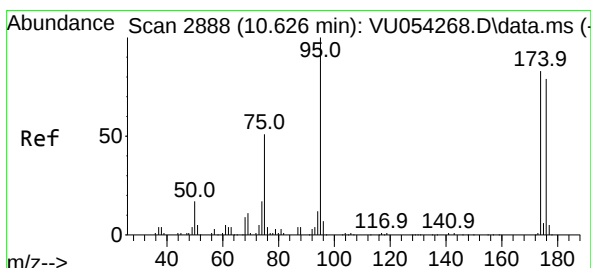
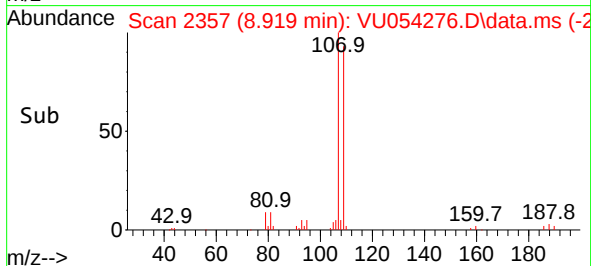
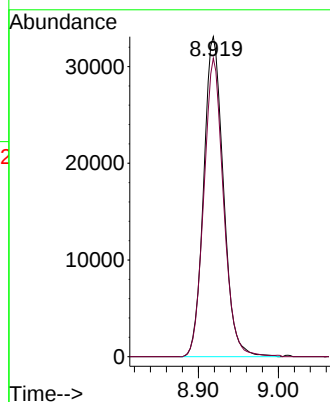
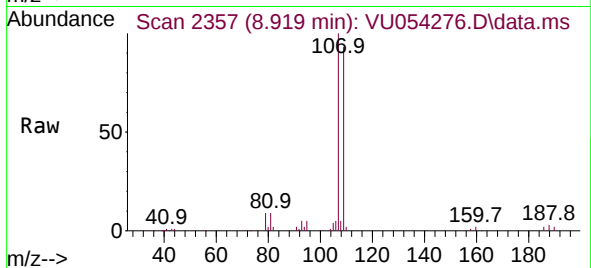




#61
1,2-Dibromoethane
Concen: 18.799 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

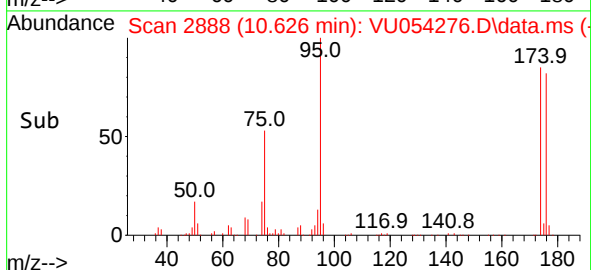
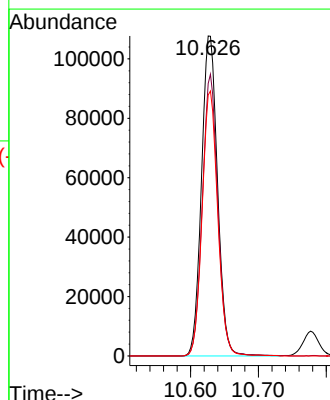
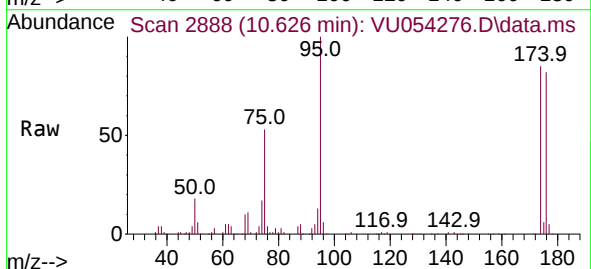
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

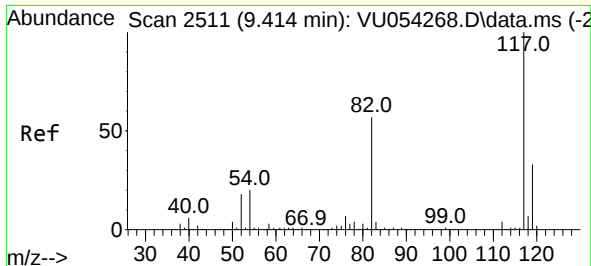
Tgt Ion:107 Resp: 56878
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 51.071 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 95 Resp: 176877
Ion Ratio Lower Upper
95 100
174 84.8 0.0 182.0
176 80.6 0.0 177.8

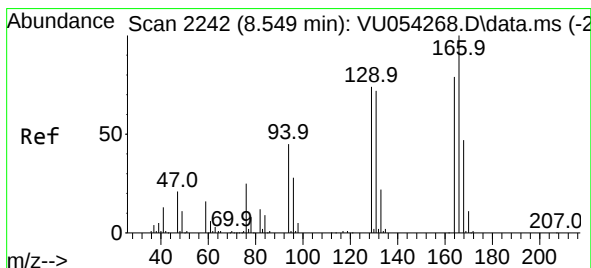
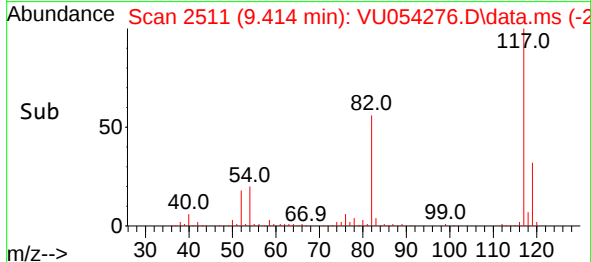
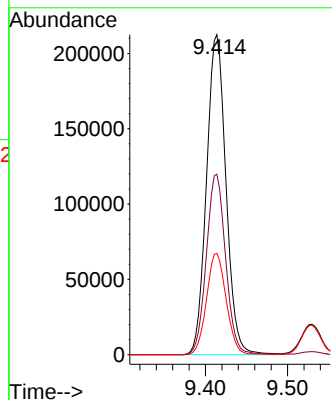
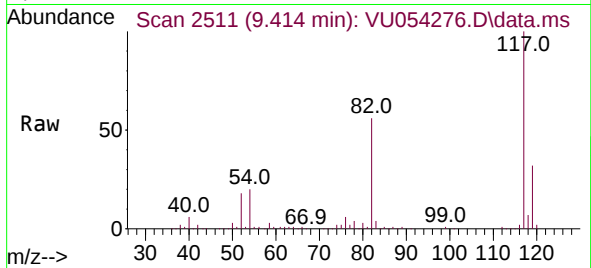




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

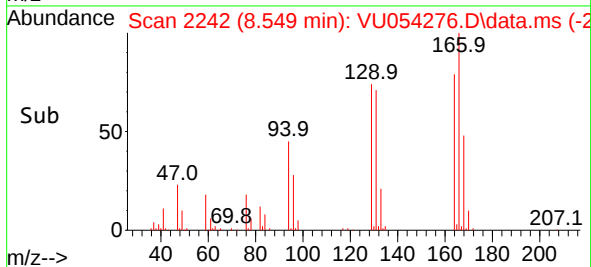
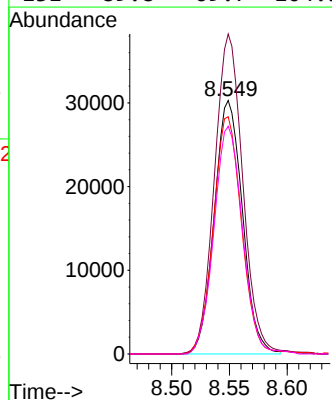
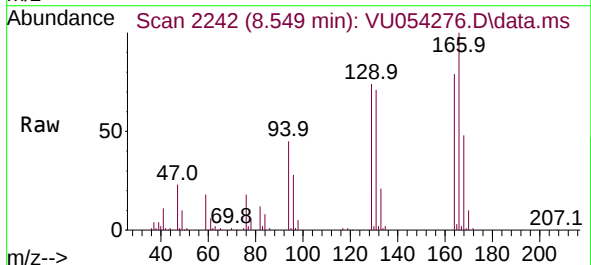
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

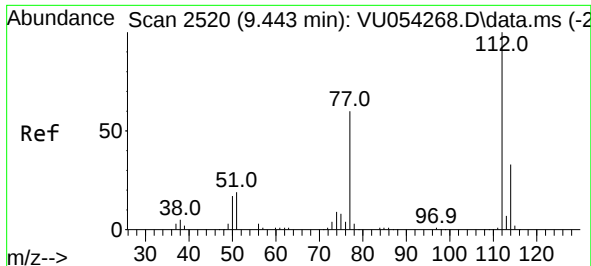
Tgt Ion:117 Resp: 350985
Ion Ratio Lower Upper
117 100
82 56.4 41.7 62.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 19.482 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:164 Resp: 51463
Ion Ratio Lower Upper
164 100
166 126.2 100.0 150.0
129 93.6 72.0 108.0
131 89.8 69.7 104.5

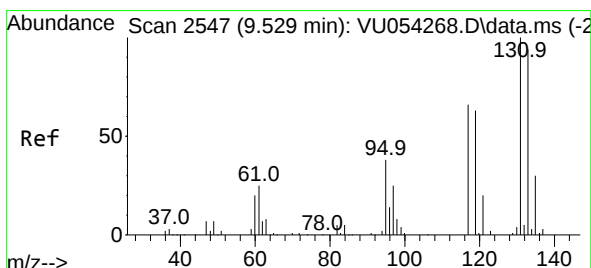
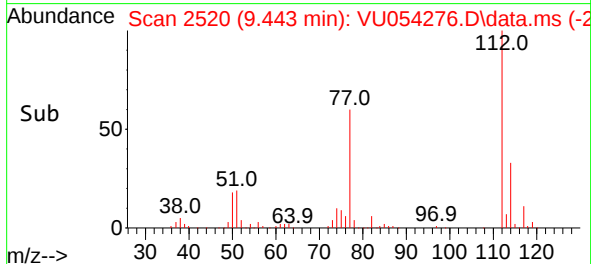
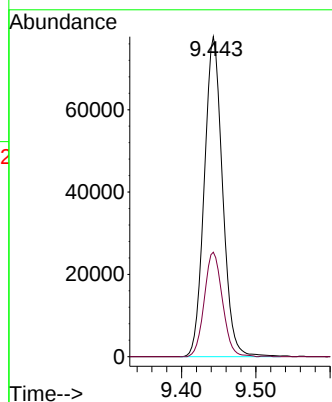
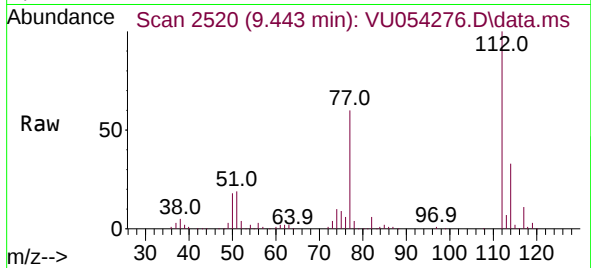




#65
Chlorobenzene
Concen: 18.118 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

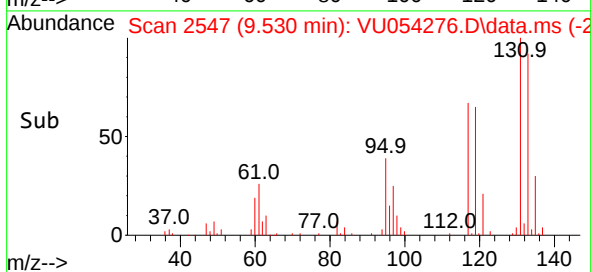
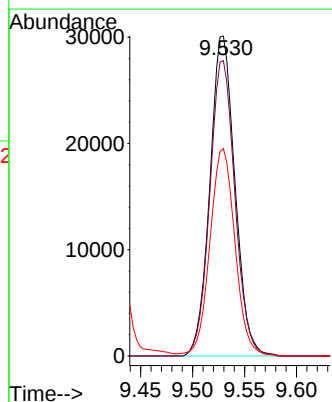
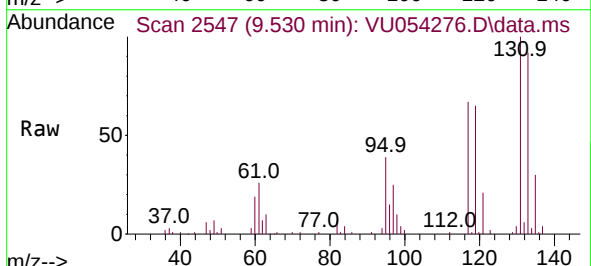
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

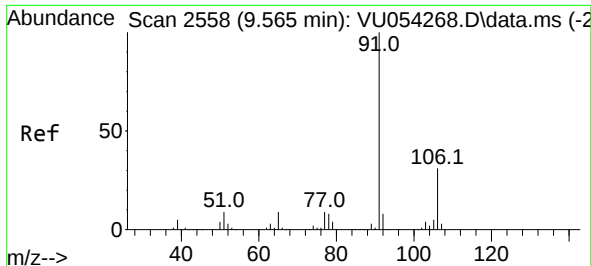
Tgt Ion:112 Resp: 132937
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.942 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:131 Resp: 50420
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.0
119 65.0 33.9 101.6





#67

Ethyl Benzene

Concen: 18.568 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

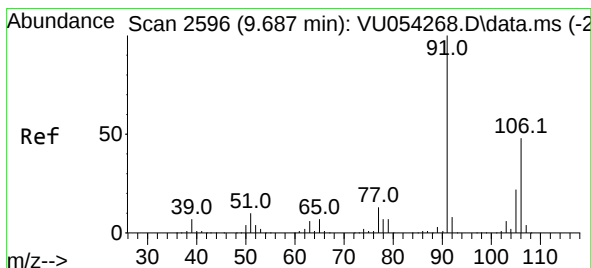
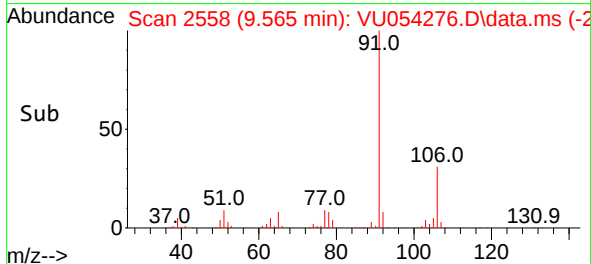
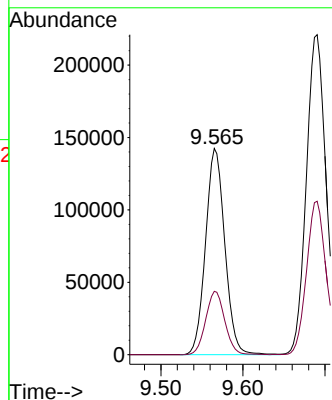
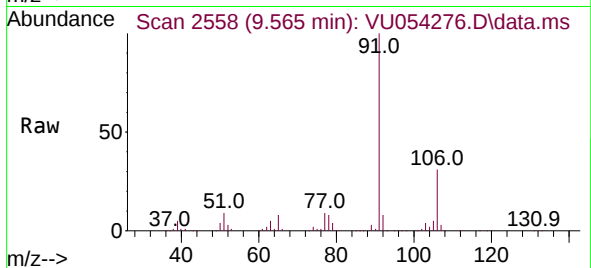
VU0526WBS01

Tgt Ion: 91 Resp: 232932

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 37.525 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054276.D

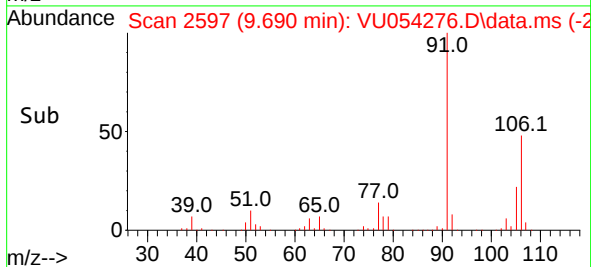
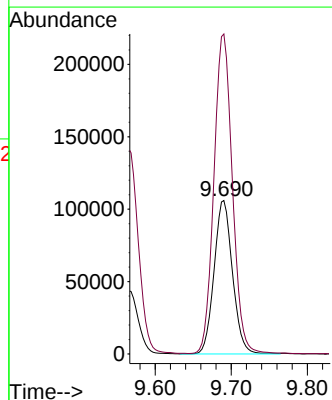
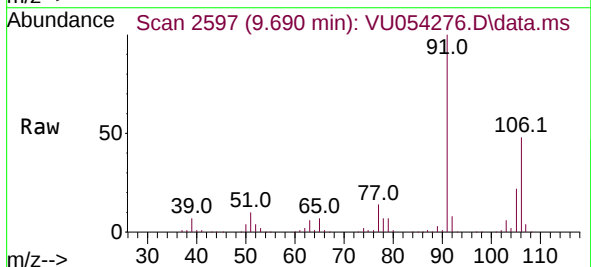
Acq: 26 May 2023 11:29

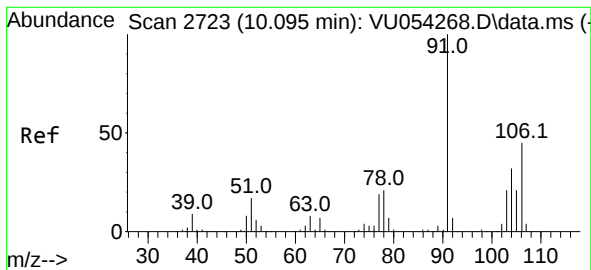
Tgt Ion:106 Resp: 178429

Ion Ratio Lower Upper

106 100

91 208.2 157.2 235.8





#69

o-Xylene

Concen: 19.096 ug/l

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

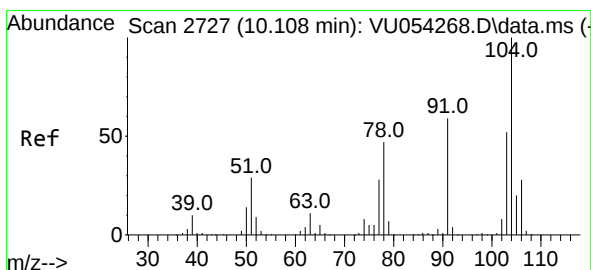
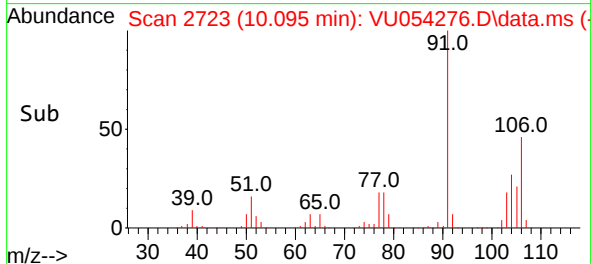
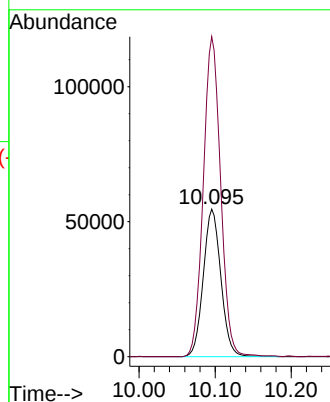
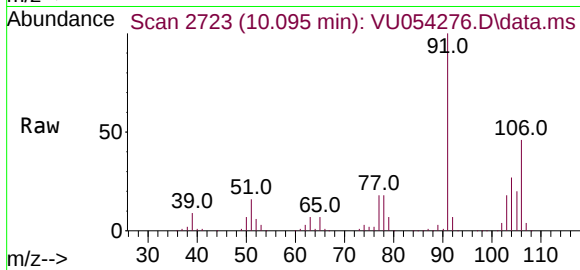
VU0526WBS01

Tgt Ion:106 Resp: 87898

Ion Ratio Lower Upper

106 100

91 213.4 103.5 310.5



#70

Styrene

Concen: 18.913 ug/l

RT: 10.112 min Scan# 2728

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

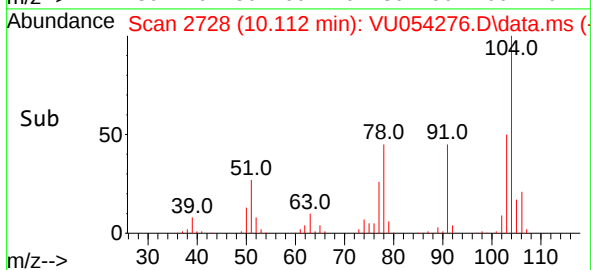
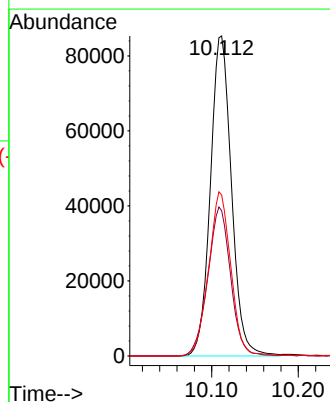
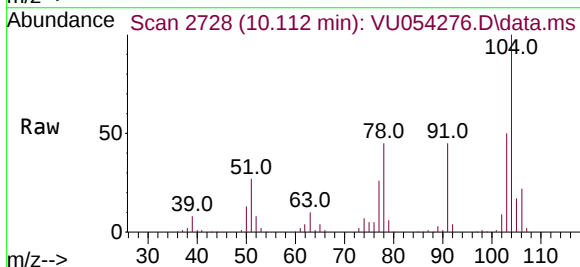
Tgt Ion:104 Resp: 144369

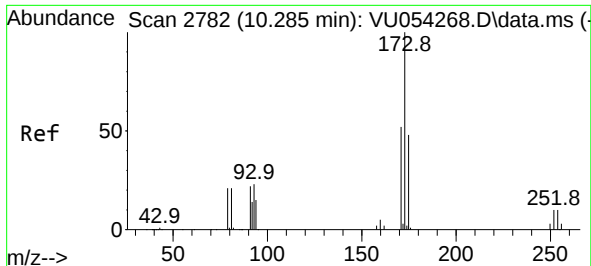
Ion Ratio Lower Upper

104 100

78 50.2 38.0 57.0

103 54.1 43.9 65.9

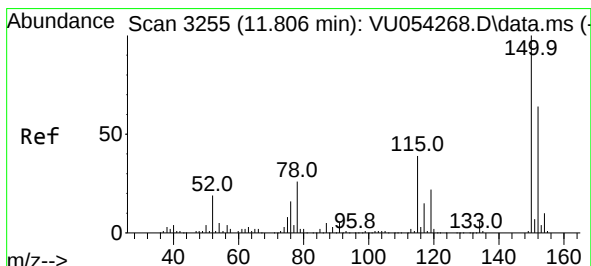
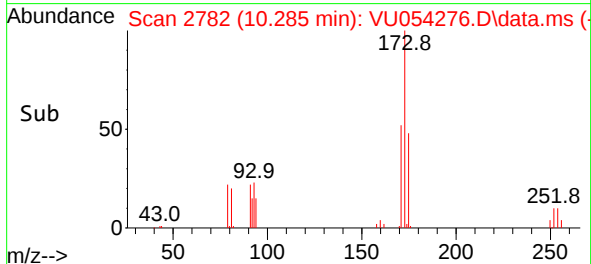
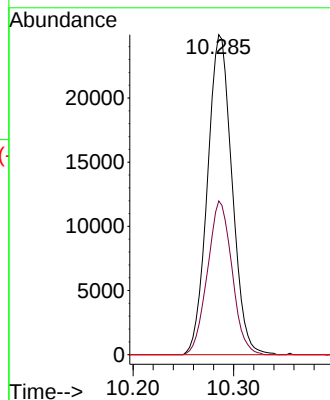
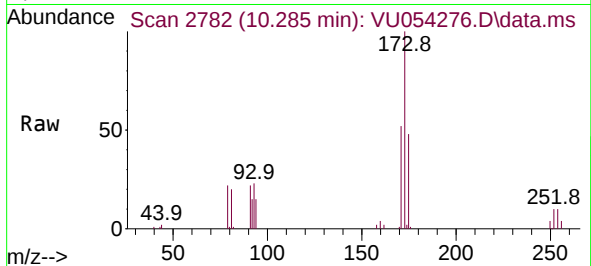




#71
Bromoform
Concen: 18.277 ug/l
RT: 10.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

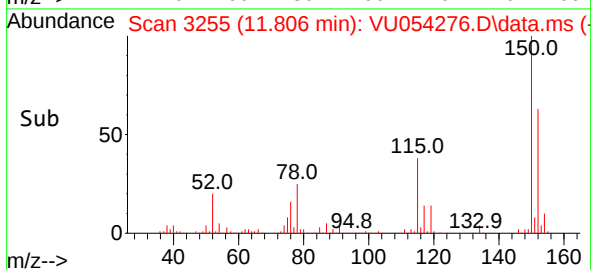
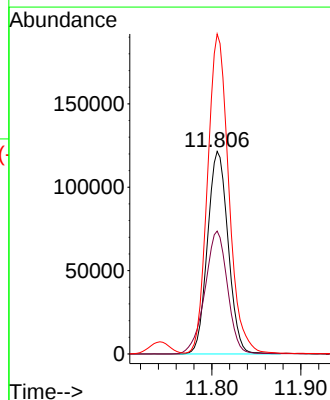
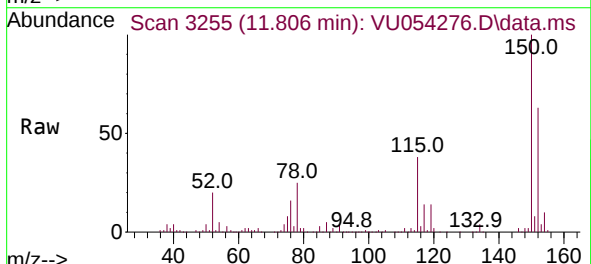
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

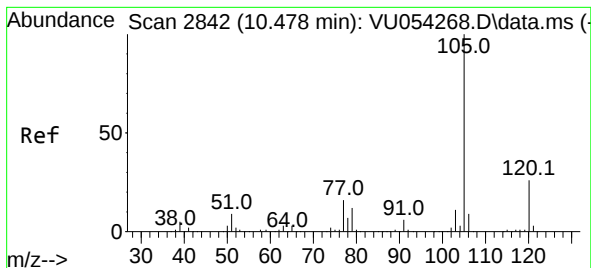
Tgt Ion:173 Resp: 42278
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:152 Resp: 195132
Ion Ratio Lower Upper
152 100
115 66.2 37.0 110.9
150 162.0 0.0 342.2





#73

Isopropylbenzene

Concen: 18.802 ug/l

RT: 10.478 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

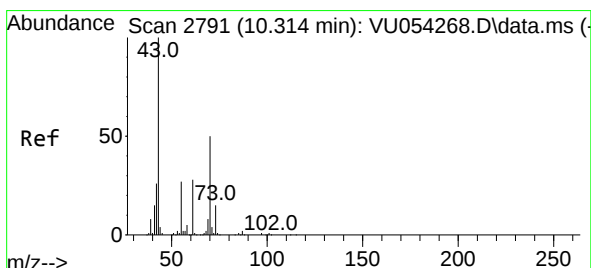
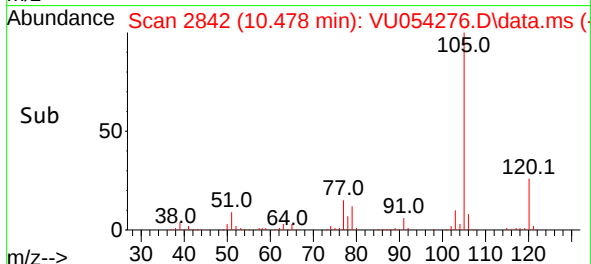
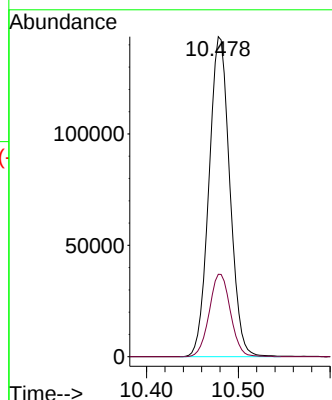
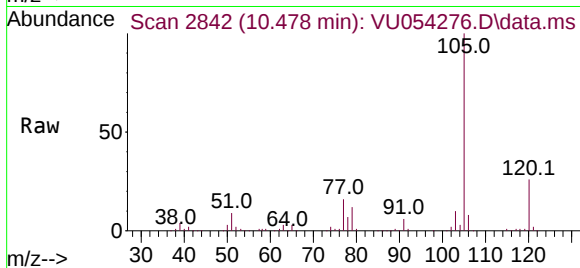
VU0526WBS01

Tgt Ion:105 Resp: 227218

Ion Ratio Lower Upper

105 100

120 26.2 13.8 41.4



#74

N-ethyl acetate

Concen: 17.850 ug/l

RT: 10.314 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 91596

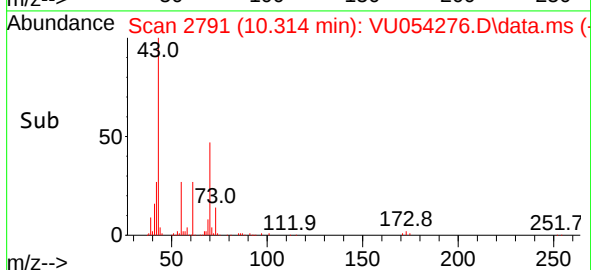
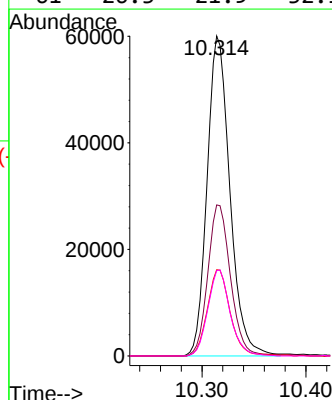
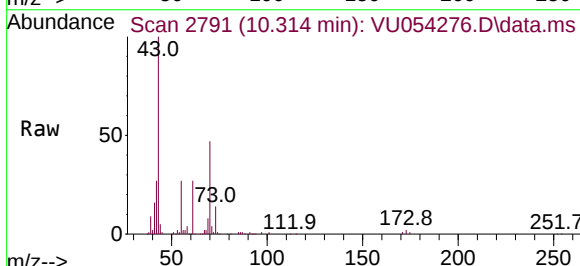
Ion Ratio Lower Upper

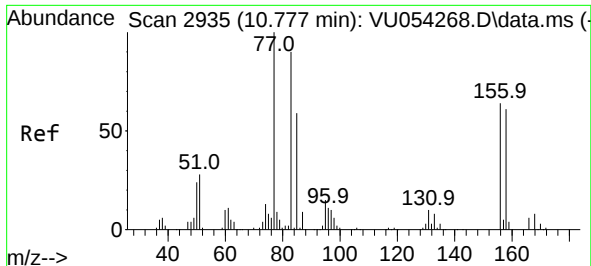
43 100

70 47.0 38.7 58.1

55 26.9 21.8 32.8

61 26.3 21.9 32.9

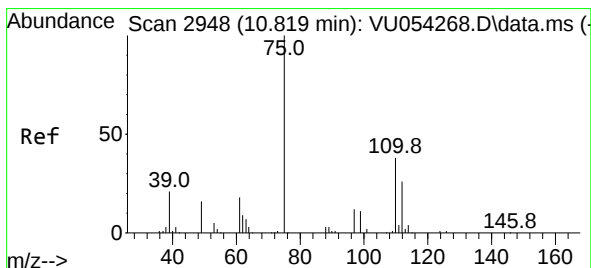
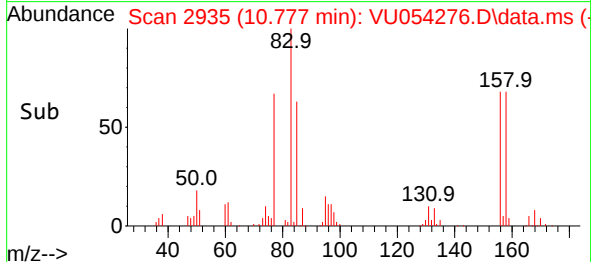
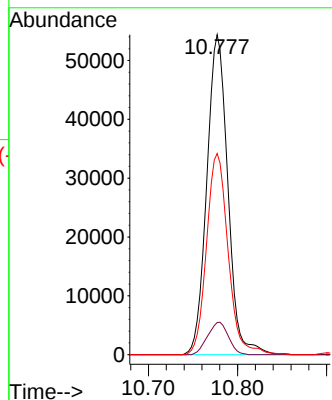
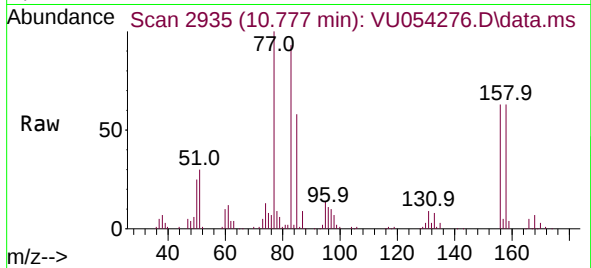




#75
1,1,2,2-Tetrachloroethane
Concen: 18.204 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

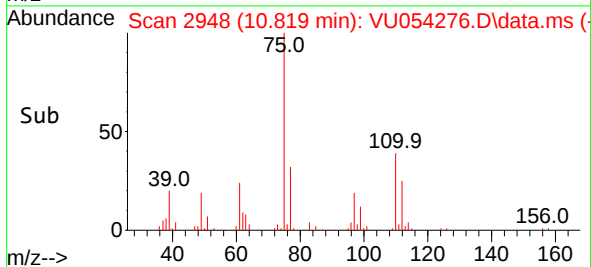
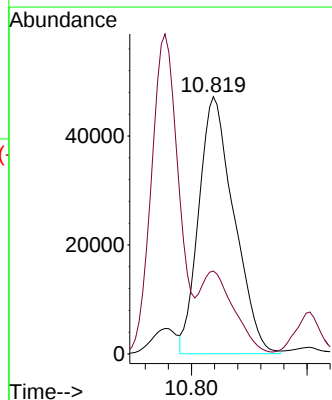
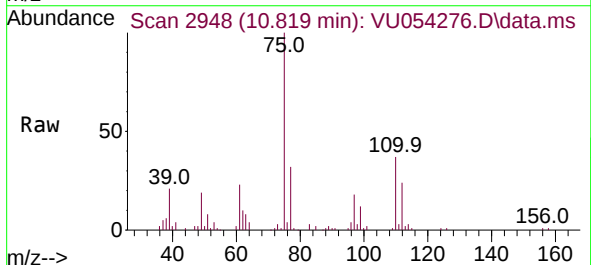
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

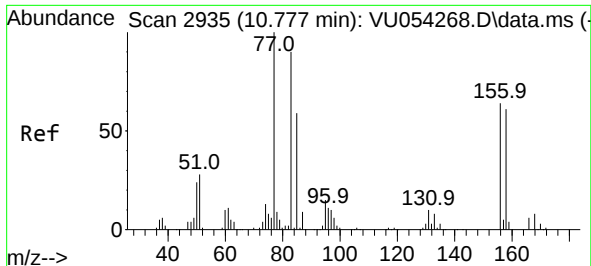
Tgt Ion: 83 Resp: 89017
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 17.546 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 75 Resp: 99924
Ion Ratio Lower Upper
75 100
77 28.5 15.8 47.3

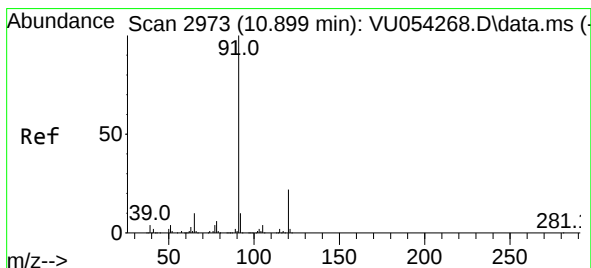
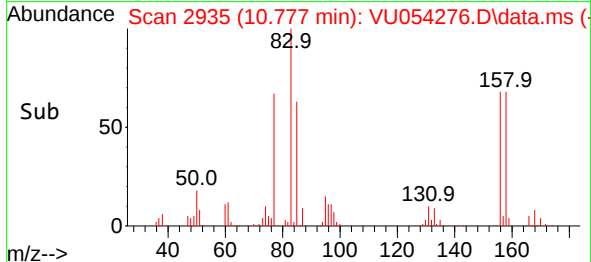
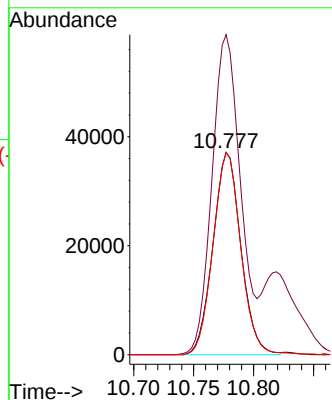
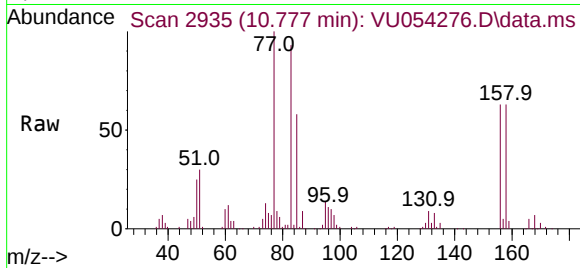




#77
Bromobenzene
Concen: 18.064 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

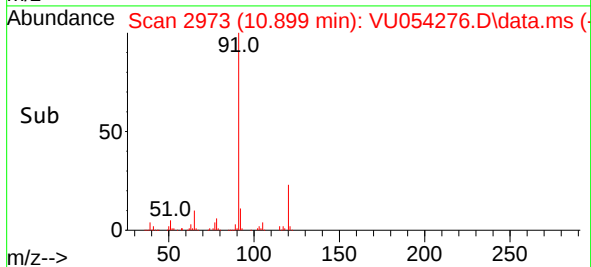
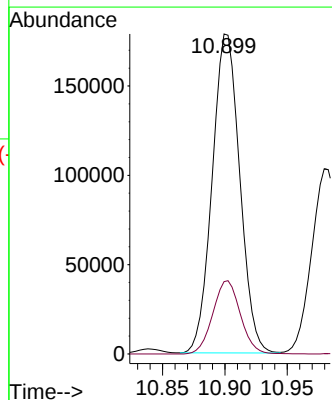
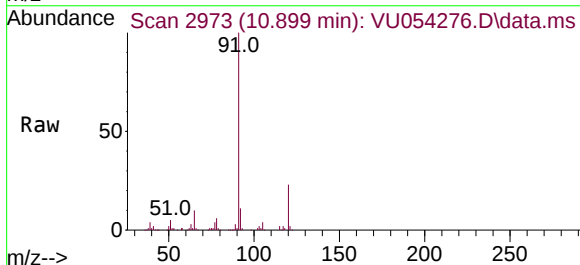
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

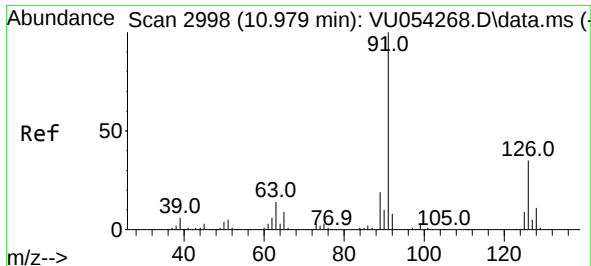
Tgt Ion:156 Resp: 59947
Ion Ratio Lower Upper
156 100
77 161.7 71.9 215.6
158 99.4 48.9 146.8



#78
n-propylbenzene
Concen: 18.604 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 91 Resp: 275417
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 18.572 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.001 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

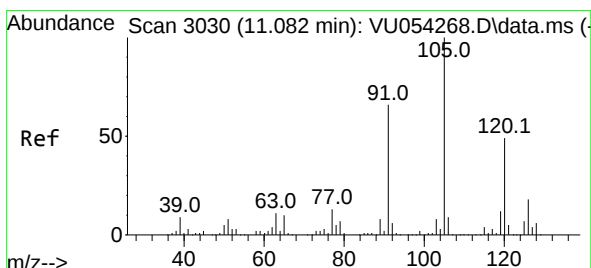
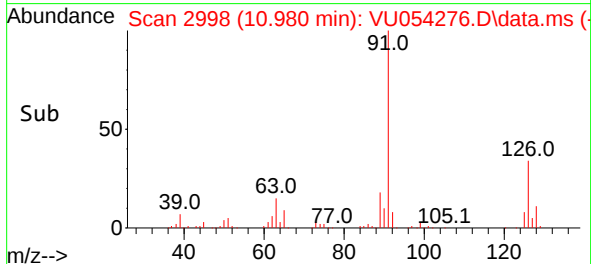
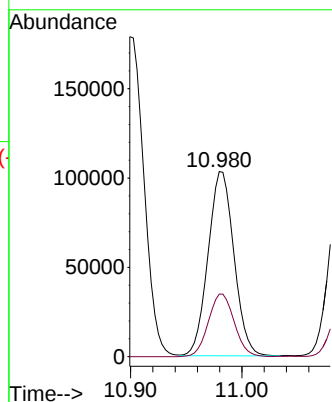
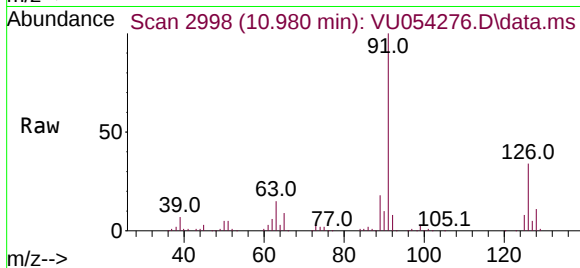
VU0526WBS01

Tgt Ion: 91 Resp: 166451

Ion Ratio Lower Upper

91 100

126 34.1 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 19.099 ug/l

RT: 11.083 min Scan# 3030

Delta R.T. 0.001 min

Lab File: VU054276.D

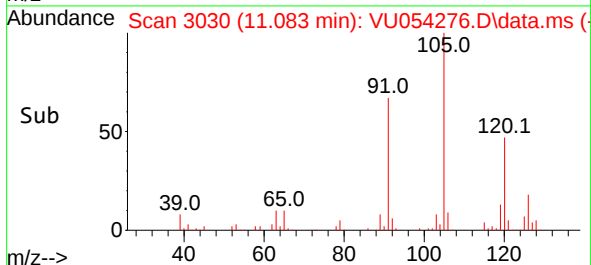
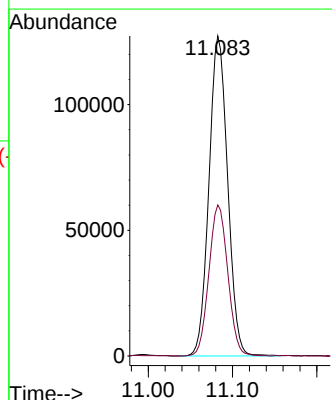
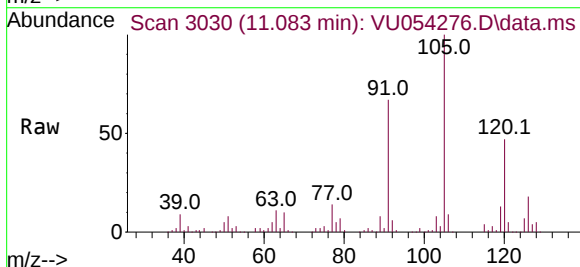
Acq: 26 May 2023 11:29

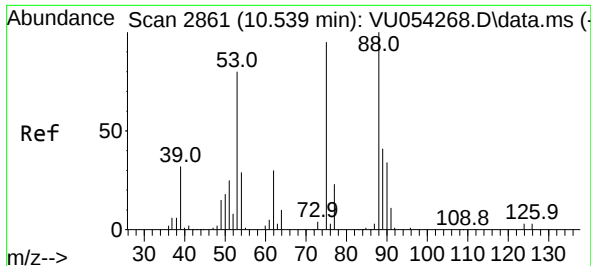
Tgt Ion:105 Resp: 196283

Ion Ratio Lower Upper

105 100

120 47.8 25.3 75.9

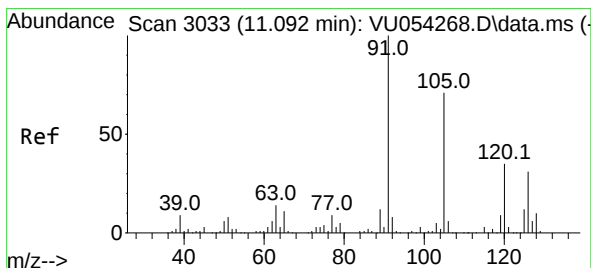
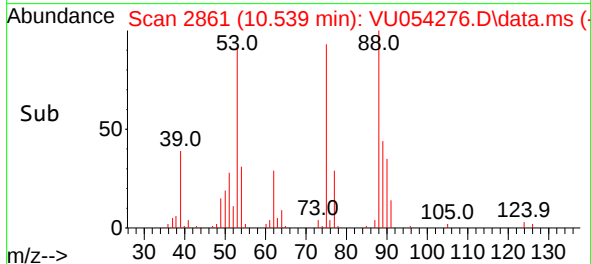
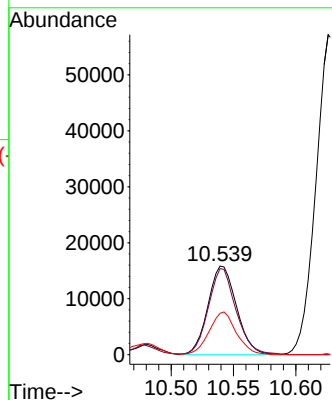
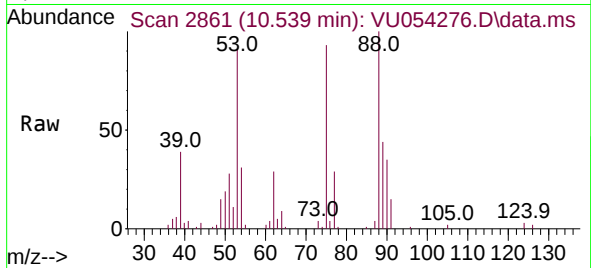




#81
trans-1,4-Dichloro-2-butene
Concen: 16.870 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

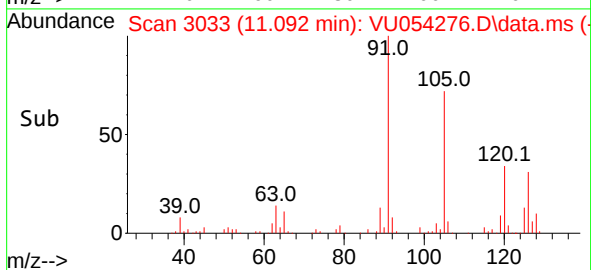
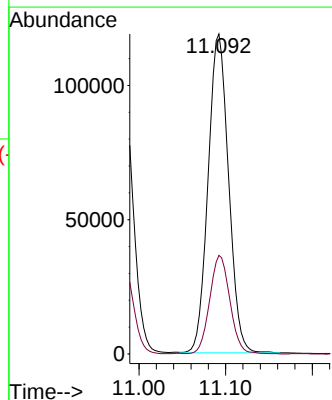
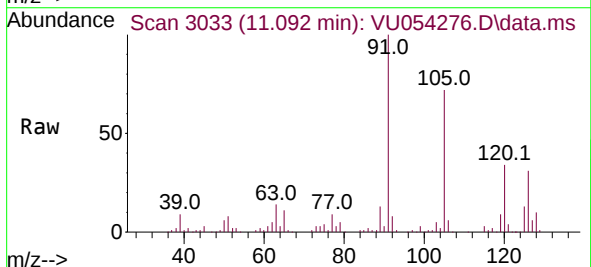
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

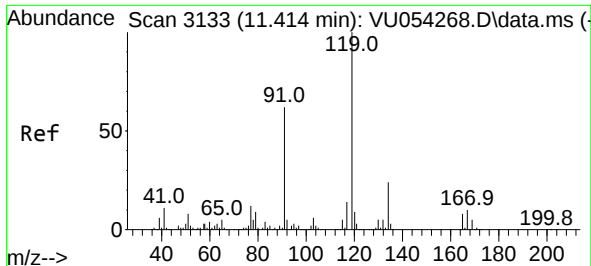
Tgt Ion:	75	Resp:	25231
Ion	Ratio	Lower	Upper
75	100		
53	94.7	69.2	103.8
89	46.0	37.0	55.6



#82
4-Chlorotoluene
Concen: 18.540 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:	91	Resp:	194964
Ion	Ratio	Lower	Upper
91	100		
126	30.6	16.1	48.2

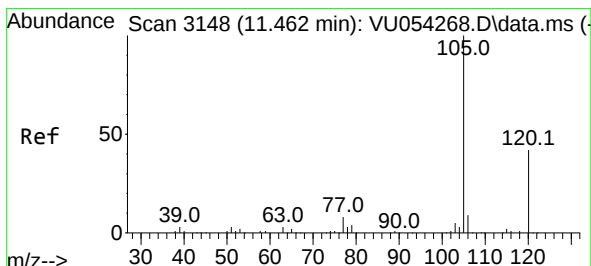
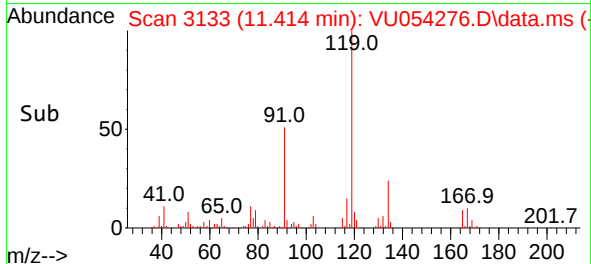
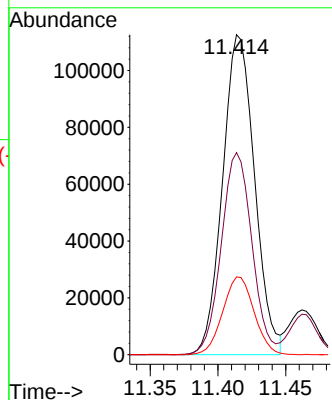
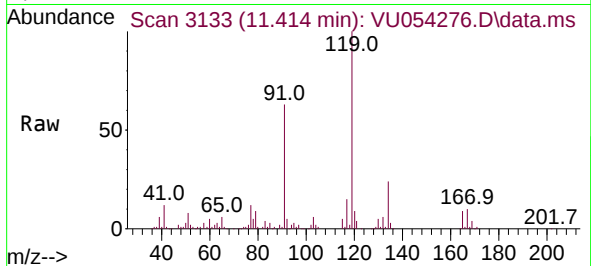




#83
tert-Butylbenzene
Concen: 18.009 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

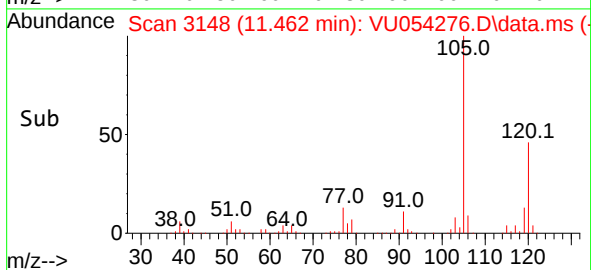
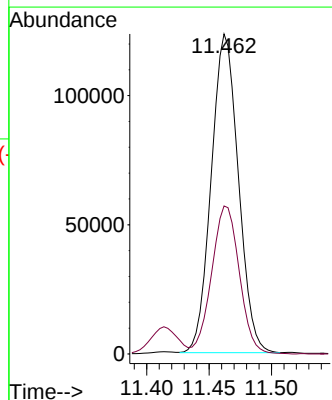
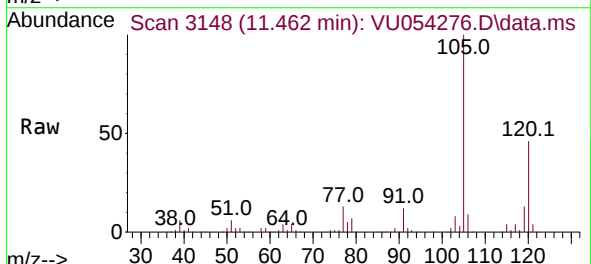
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

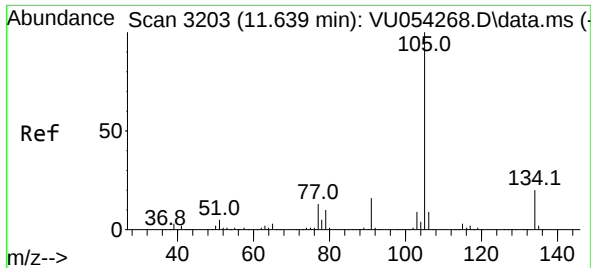
Tgt Ion:119 Resp: 185076
Ion Ratio Lower Upper
119 100
91 60.4 26.8 80.3
134 23.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 18.286 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:105 Resp: 186959
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.3

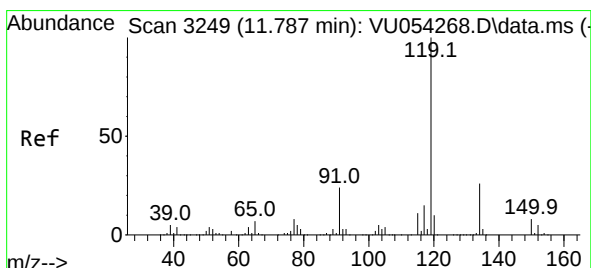
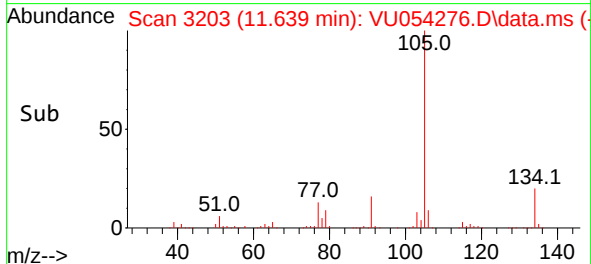
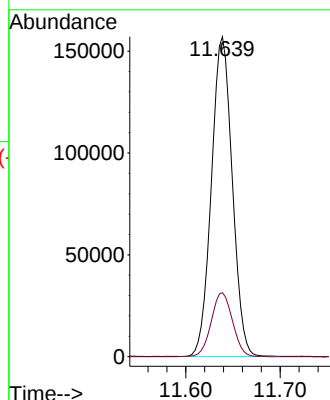
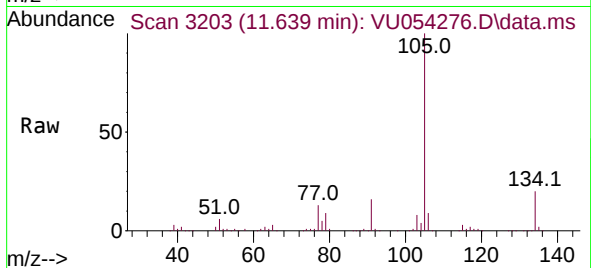




#85
 sec-Butylbenzene
 Concen: 18.433 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

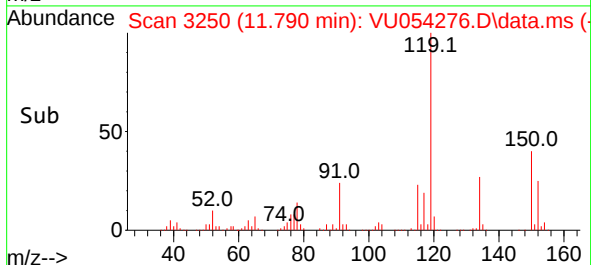
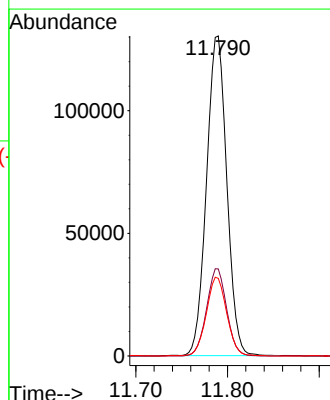
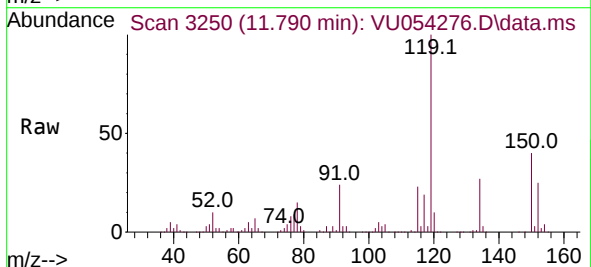
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

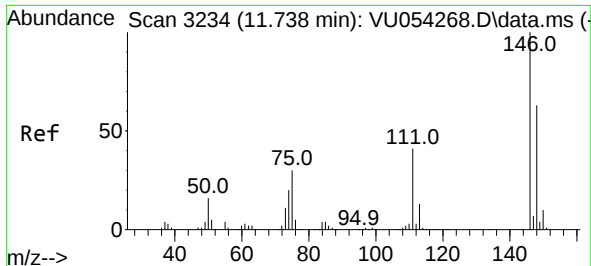
Tgt Ion:105 Resp: 240369
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.220 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion:119 Resp: 199832
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 24.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.081 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

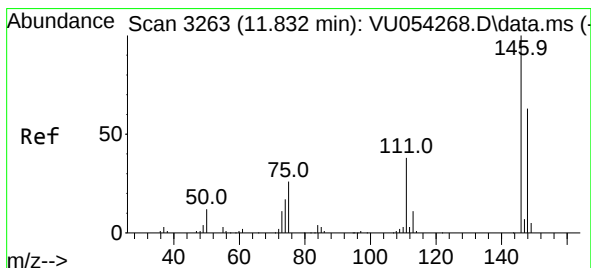
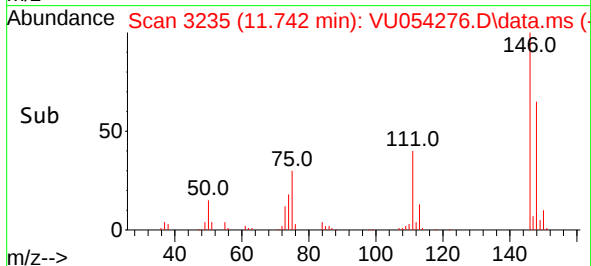
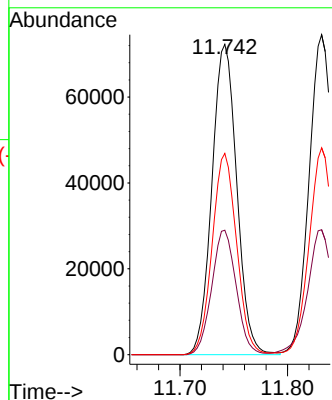
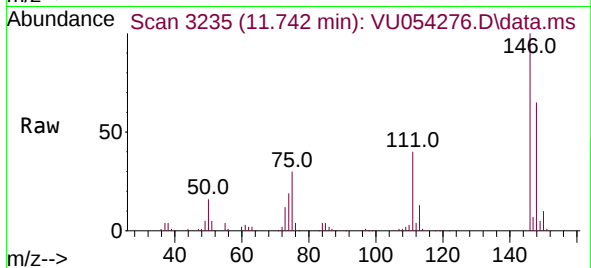
Tgt Ion:146 Resp: 116184

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 17.616 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

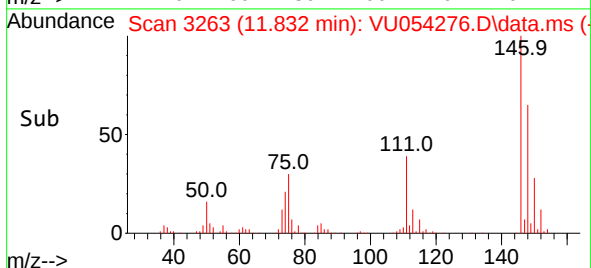
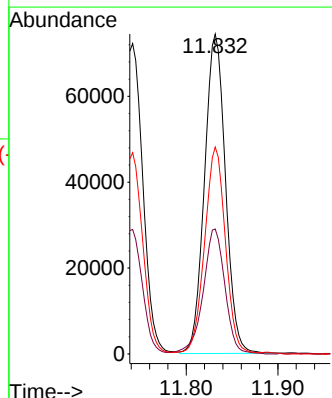
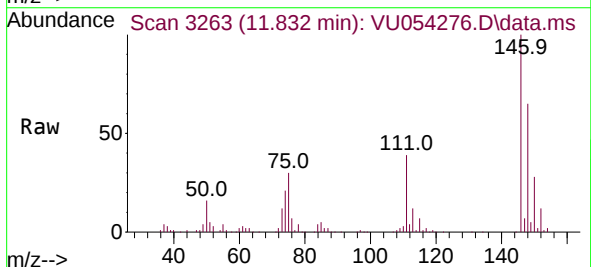
Tgt Ion:146 Resp: 118251

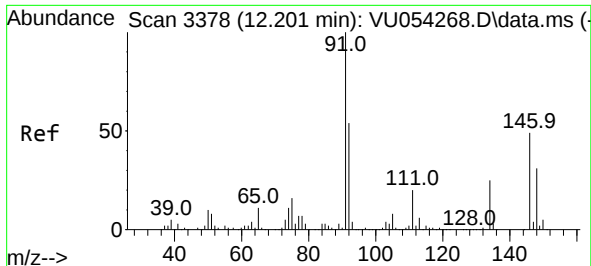
Ion Ratio Lower Upper

146 100

111 40.7 18.5 55.5

148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 17.445 ug/l

RT: 12.205 min Scan# 3378

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

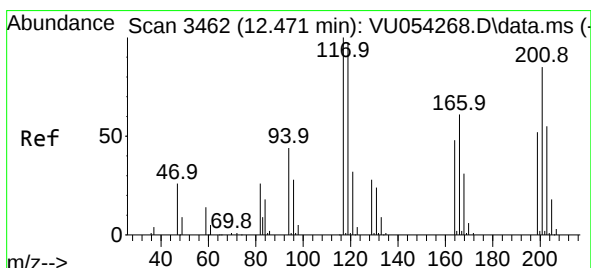
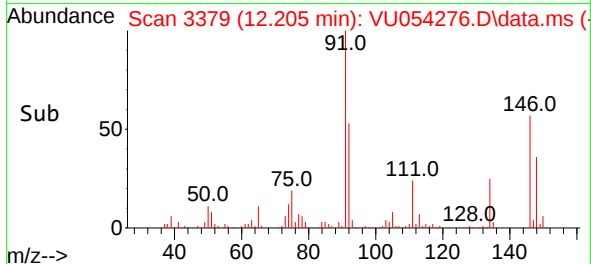
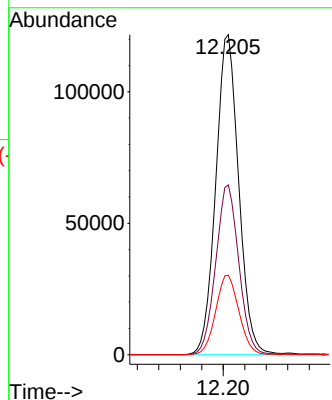
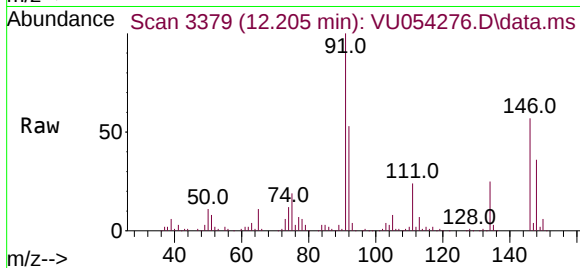
Tgt Ion: 91 Resp: 180101

Ion Ratio Lower Upper

91 100

92 53.4 26.2 78.6

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 17.867 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054276.D

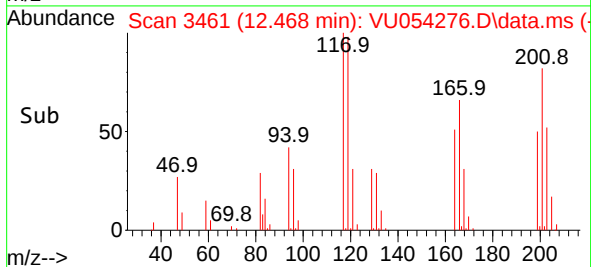
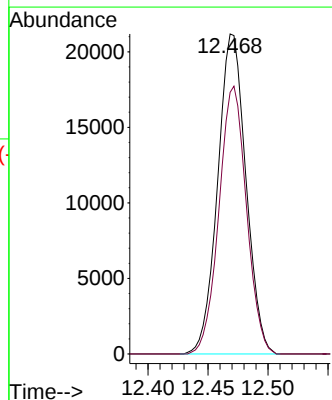
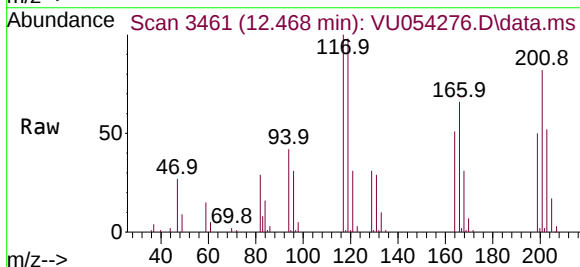
Acq: 26 May 2023 11:29

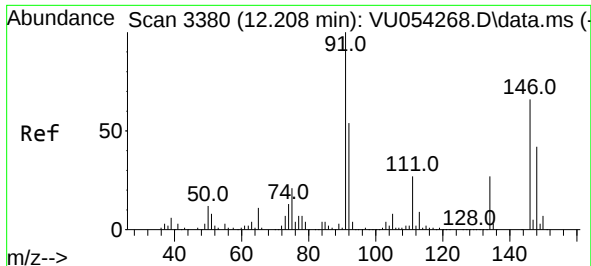
Tgt Ion: 117 Resp: 34667

Ion Ratio Lower Upper

117 100

201 81.4 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 18.257 ug/l

RT: 12.208 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

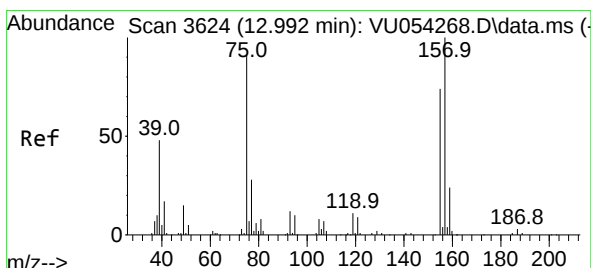
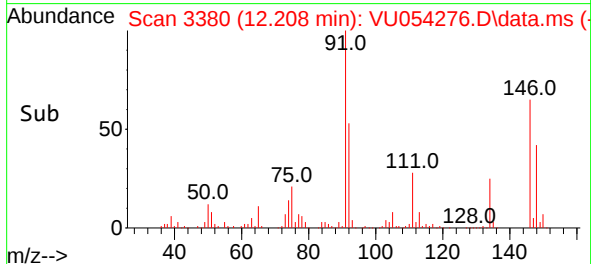
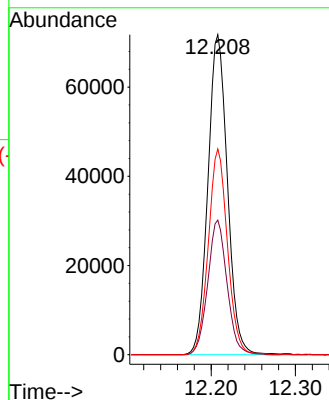
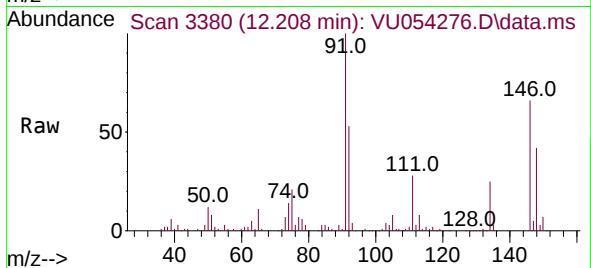
Tgt Ion:146 Resp: 115409

Ion Ratio Lower Upper

146 100

111 41.6 19.9 59.6

148 63.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.943 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

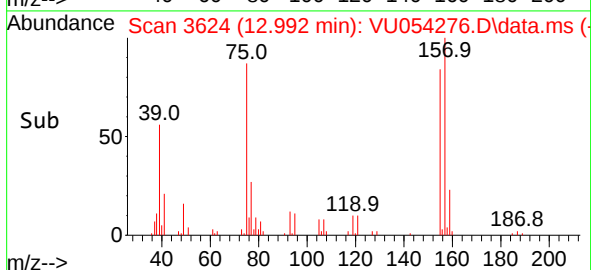
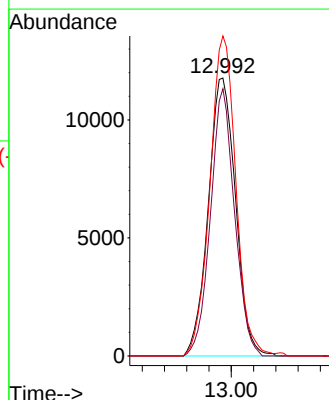
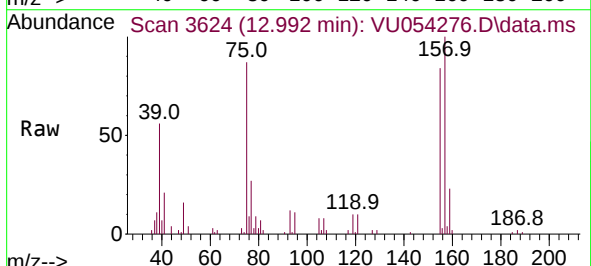
Tgt Ion: 75 Resp: 20010

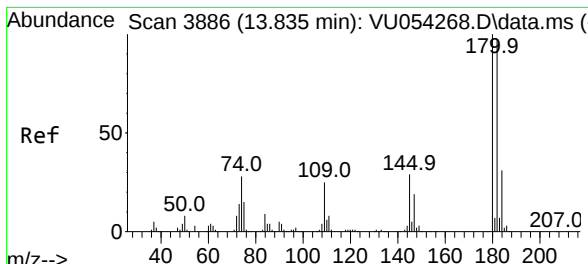
Ion Ratio Lower Upper

75 100

155 85.1 47.8 143.4

157 109.5 62.2 186.5

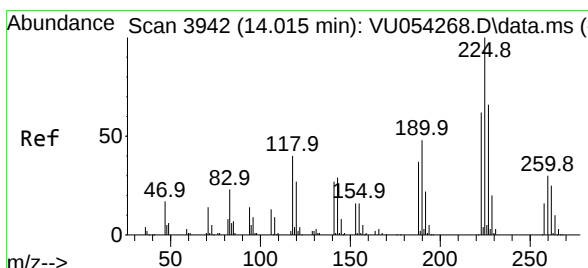
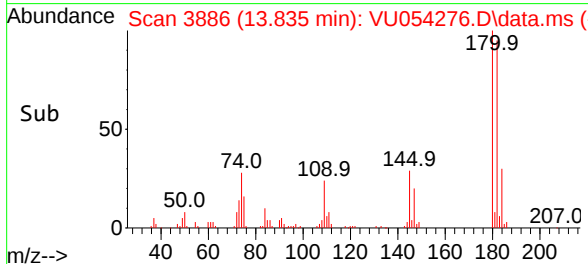
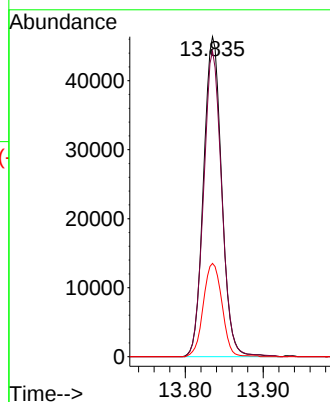
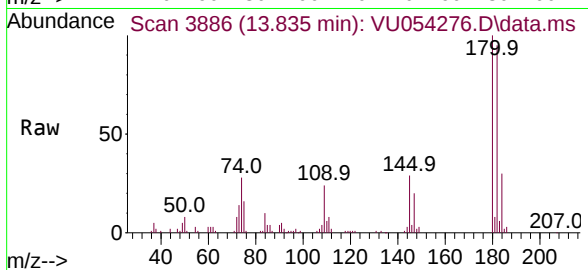




#93
 1,2,4-Trichlorobenzene
 Concen: 17.785 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

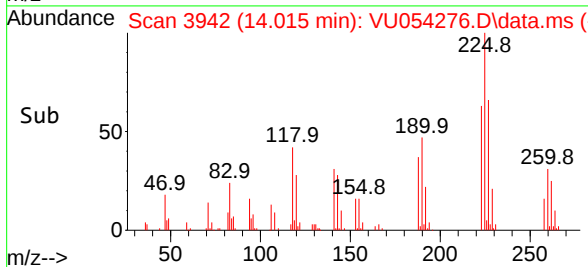
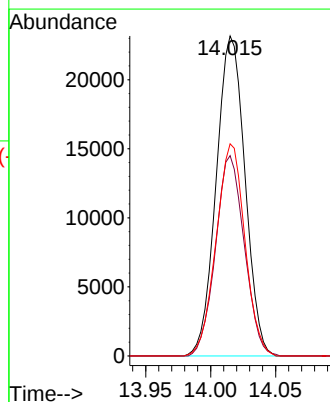
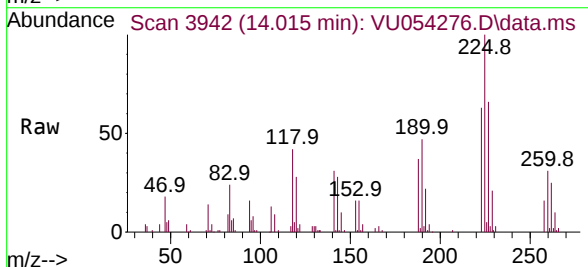
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

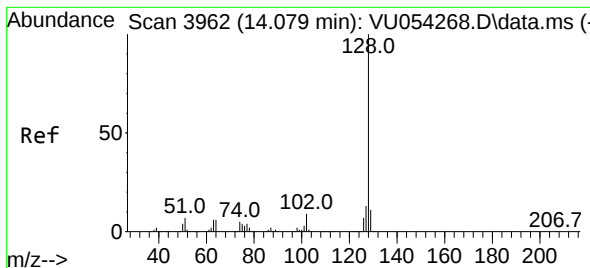
Tgt Ion:180 Resp: 74910
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 30.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 17.676 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Tgt Ion:225 Resp: 35645
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.9
 227 66.2 32.0 96.2





#95

Naphthalene

Concen: 16.749 ug/l

RT: 14.082 min Scan# 3962

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

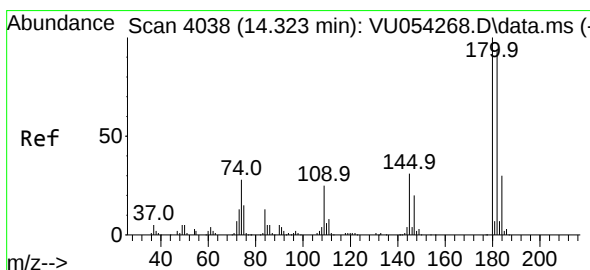
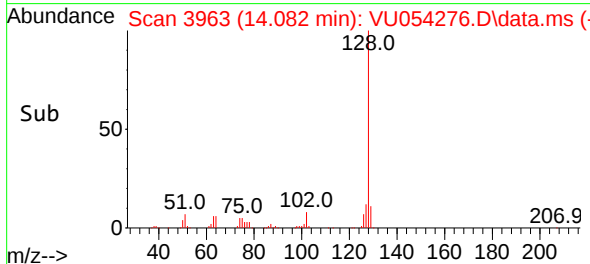
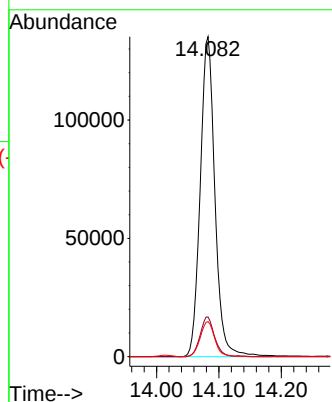
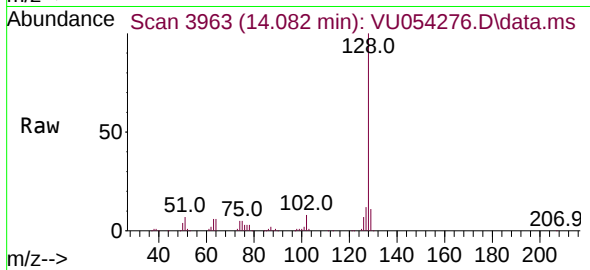
Tgt Ion:128 Resp: 221828

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.667 ug/l

RT: 14.324 min Scan# 4038

Delta R.T. 0.001 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:180 Resp: 74865

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 31.2 14.8 44.4

