

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045159.D
 Acq On : 05 Oct 2021 20:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050088

Quant Time: Oct 06 01:48:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	268440	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	256420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	131704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121713	41.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.840%
7) Chloroethane-d5	1.903	69	107429	46.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.260%
11) 1,1-Dichloroethene-d2	2.572	63	227036	46.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
21) 2-Butanone-d5	4.629	46	228092	98.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.180%
24) Chloroform-d	5.067	84	227002	48.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
26) 1,2-Dichloroethane-d4	5.707	65	153043	48.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
32) Benzene-d6	5.732	84	453158	50.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
36) 1,2-Dichloropropane-d6	6.694	67	143348	49.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.820%
41) Toluene-d8	7.903	98	407013	53.006	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.020%
43) trans-1,3-Dichloroprop...	8.182	79	67623	52.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.800%
47) 2-Hexanone-d5	8.639	63	170034	105.757	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	228594	50.599	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	153534	53.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	117179	45.589	ug/L	98
3) Chloromethane	1.520	50	129597	40.451	ug/L	99
5) Vinyl chloride	1.607	62	136458	43.474	ug/L	100
6) Bromomethane	1.848	94	56131	37.284	ug/L	97
8) Chloroethane	1.925	64	93105	47.261	ug/L	100
9) Trichlorofluoromethane	2.134	101	174486	48.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	105670	46.601	ug/L	99
12) 1,1-Dichloroethene	2.581	96	104862	50.444	ug/L	89
13) Acetone	2.636	43	141613	52.732	ug/L	98
14) Carbon disulfide	2.797	76	300523	45.126	ug/L	100
15) Methyl Acetate	2.954	43	153095	46.224	ug/L	96
16) Methylene chloride	3.051	84	123627	46.942	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	108593	49.590	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	389526	53.946	ug/L	99
19) 1,1-Dichloroethane	3.874	63	217385	47.718	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	123871	51.335	ug/L	91
22) 2-Butanone	4.713	43	230653	76.739	ug/L	96
23) Bromochloromethane	4.980	128	60266	49.267	ug/L	91
25) Chloroform	5.092	83	220090	48.596	ug/L	99

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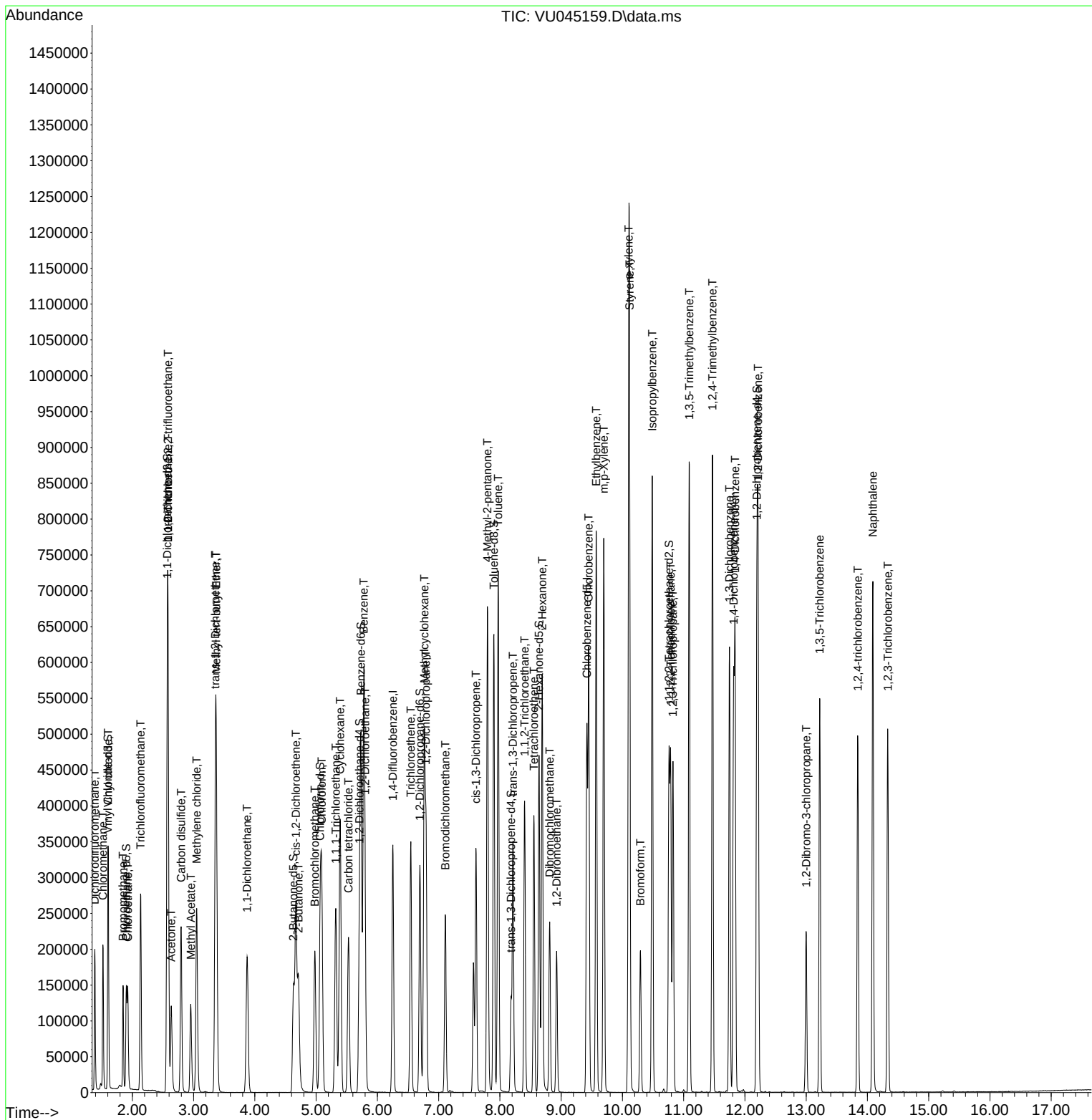
Instrument :
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 ClientSampleId :
 VSTD050088

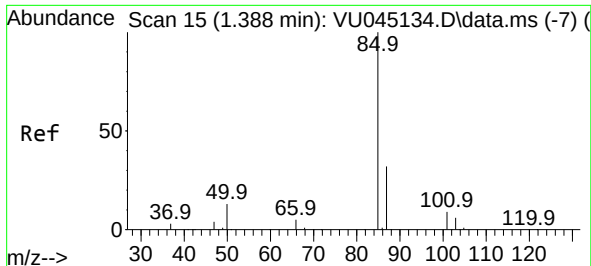
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	184935	48.821	ug/L	100
29) Cyclohexane	5.391	56	196377	50.950	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	181769	51.209	ug/L	98
31) Carbon tetrachloride	5.530	117	139867	49.890	ug/L	98
33) Benzene	5.777	78	486311	51.134	ug/L	100
34) Trichloroethene	6.546	95	117514	51.444	ug/L	99
35) Methylcyclohexane	6.768	83	192510	50.337	ug/L	97
37) 1,2-Dichloropropane	6.793	63	126596	48.890	ug/L	99
38) Bromodichloromethane	7.108	83	160228	50.480	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	191125	51.585	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	439204	101.536	ug/L	97
42) Toluene	7.973	91	514116	53.204	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	183175	51.994	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	120802	51.478	ug/L	98
46) Tetrachloroethene	8.555	164	81578	49.963	ug/L	96
48) 2-Hexanone	8.690	43	359351	93.683	ug/L	98
49) Dibromochloromethane	8.813	129	118337	50.989	ug/L	99
50) 1,2-Dibromoethane	8.925	107	130366	53.060	ug/L	97
51) Chlorobenzene	9.449	112	307848	51.604	ug/L	98
52) Ethylbenzene	9.571	91	549610	53.840	ug/L	99
53) m,p-Xylene	9.697	106	210147	54.342	ug/L	99
54) o-xylene	10.102	106	211545	55.669	ug/L	100
55) Styrene	10.118	104	356822	54.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	230748	51.354	ug/L	99
59) Bromoform	10.295	173	84965	52.017	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	185449	50.910	ug/L	98
61) Isopropylbenzene	10.488	105	541079	56.136	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	458169	56.918	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	473213	57.408	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	231796	52.038	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	233089	51.002	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	239117	52.291	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	56241	53.725	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	157915	51.084	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	137233	53.423	ug/L	100
71) Naphthalene	14.089	128	538618	60.507	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	140890	53.606	ug/L	100

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

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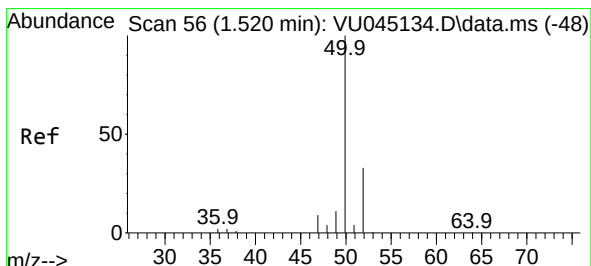
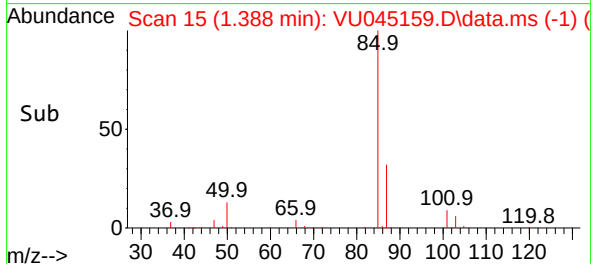
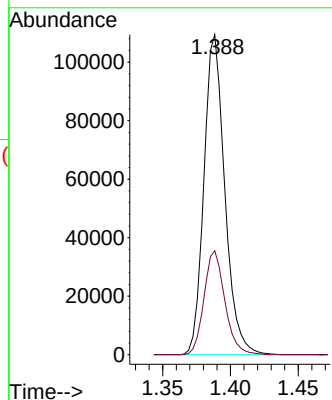
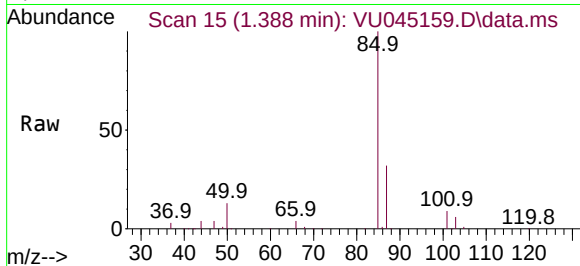




#2
Dichlorodifluoromethane
Concen: 45.589 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

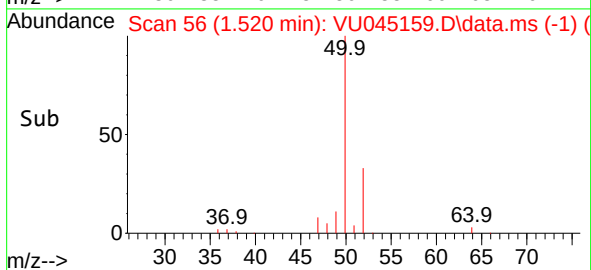
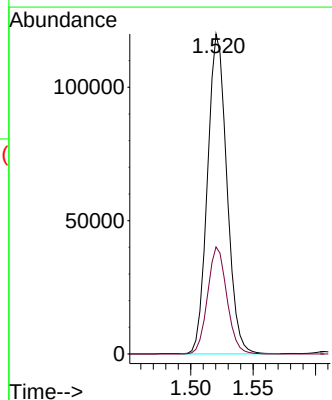
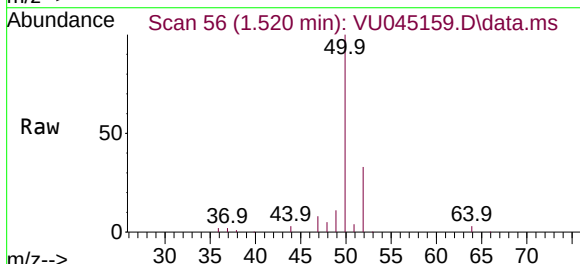
Instrument :
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VSTD050088

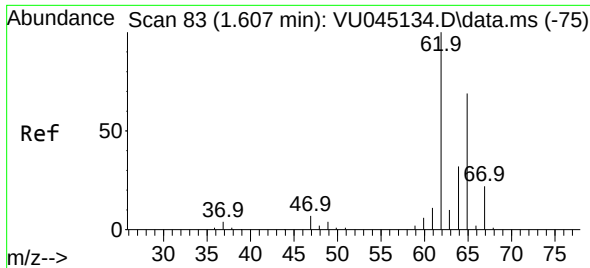
Tgt Ion: 85 Resp: 117179
Ion Ratio Lower Upper
85 100
87 32.4 25.2 37.8



#3
Chloromethane
Concen: 40.451 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 50 Resp: 129597
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8

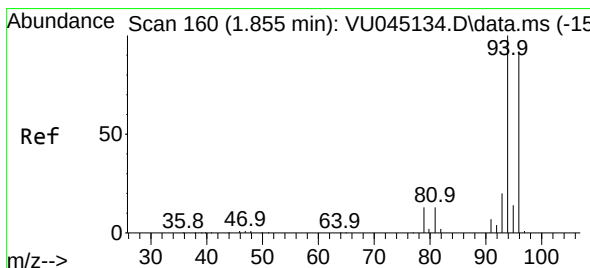
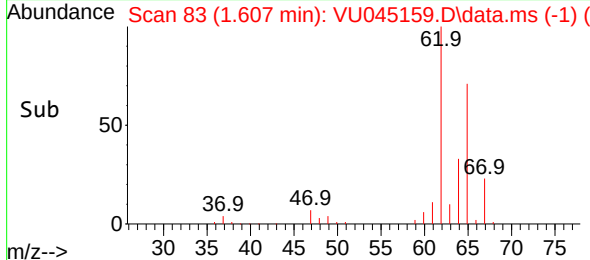
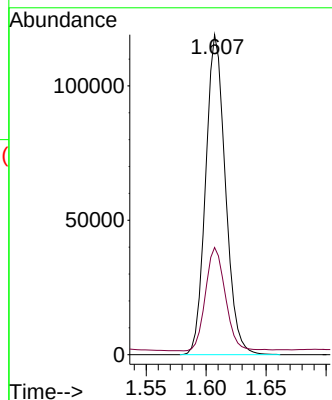
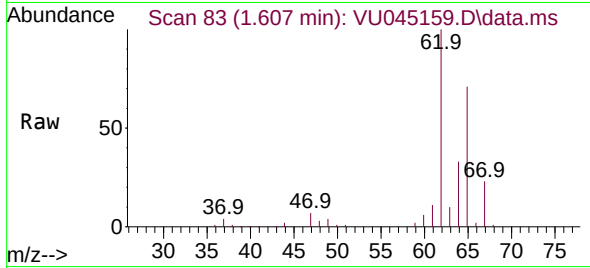




#5
 Vinyl chloride
 Concen: 43.474 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

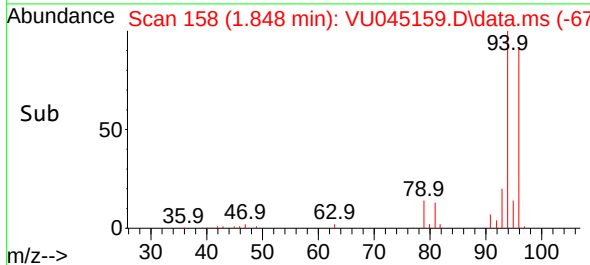
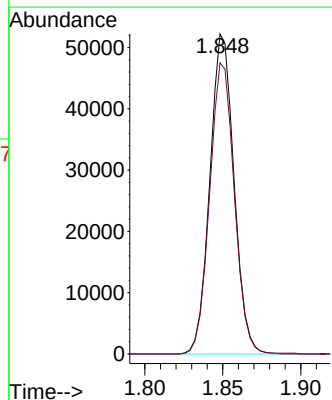
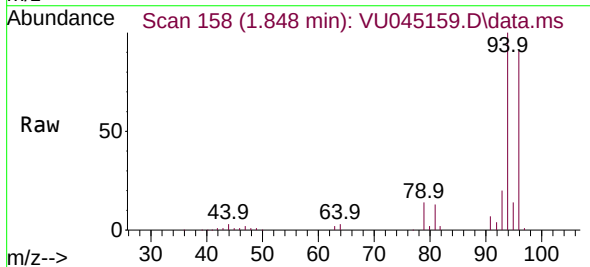
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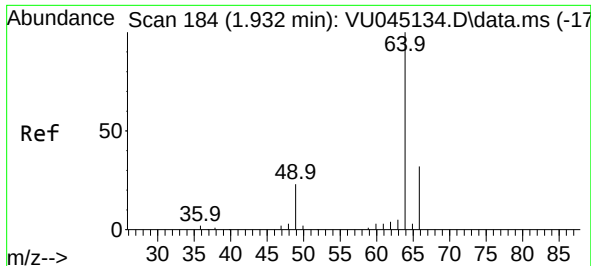
Tgt Ion: 62 Resp: 136458
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 37.284 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.006 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

Tgt Ion: 94 Resp: 56131
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.7 121.9

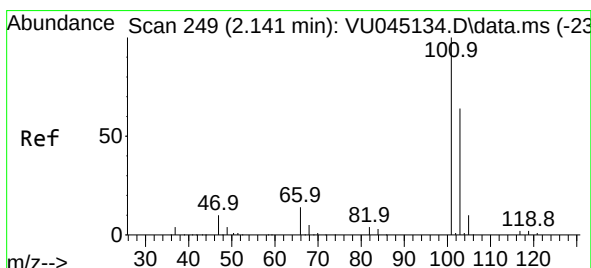
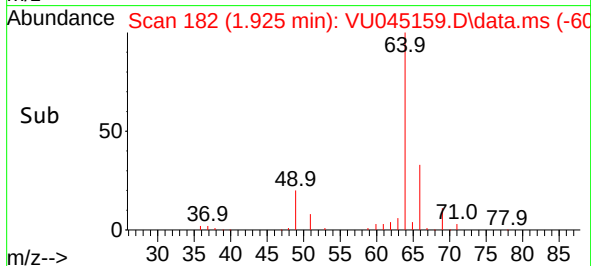
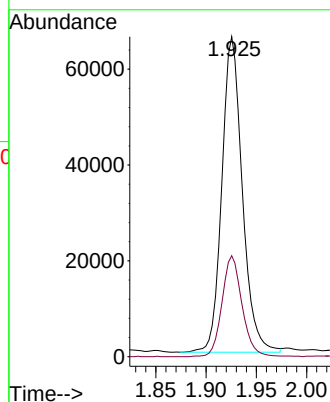
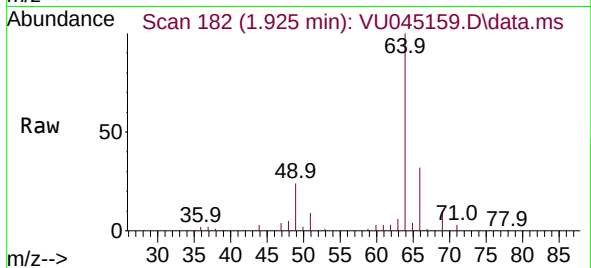




#8
Chloroethane
Concen: 47.261 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.006 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

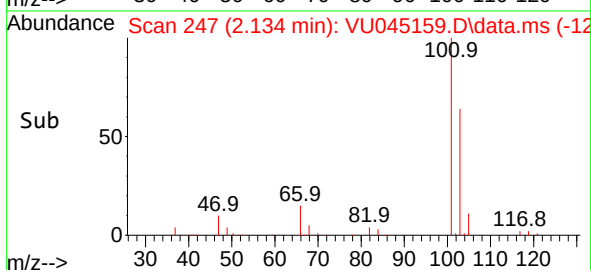
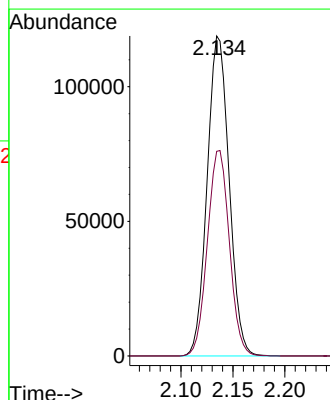
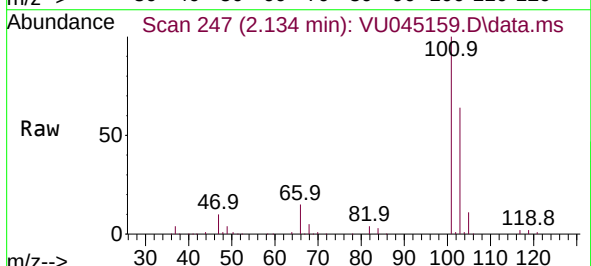
Instrument :
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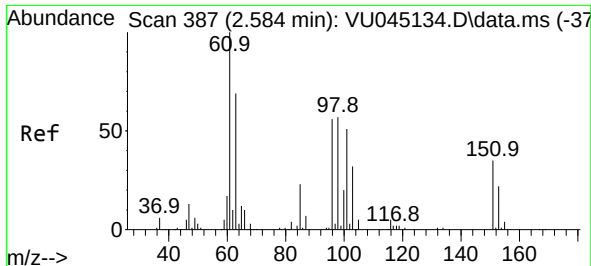
Tgt Ion: 64 Resp: 93105
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.568 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:101 Resp: 174486
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

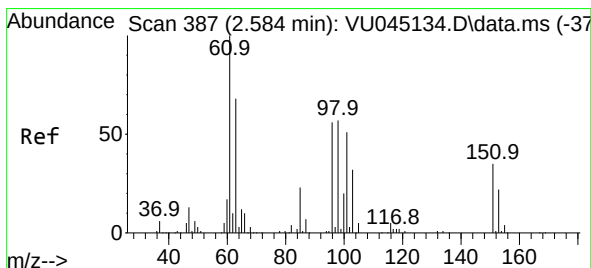
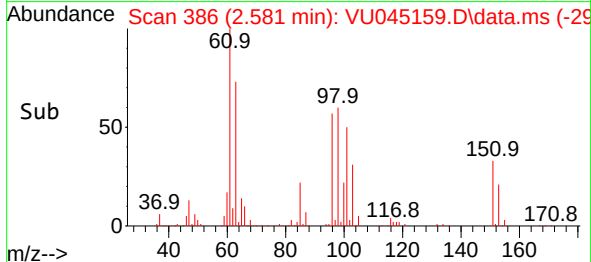
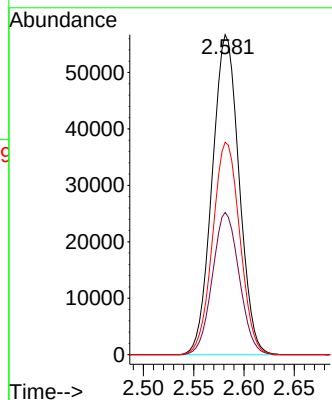
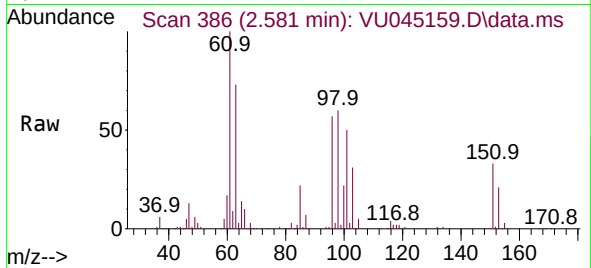




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.601 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

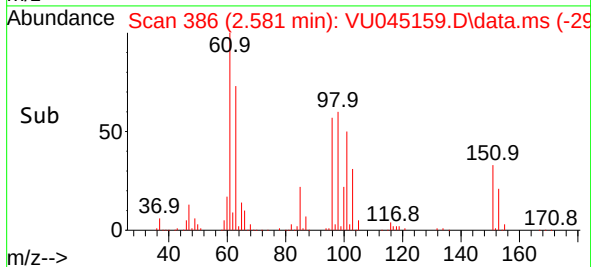
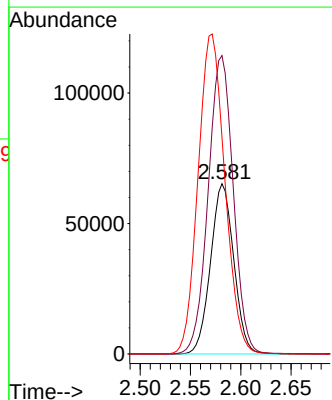
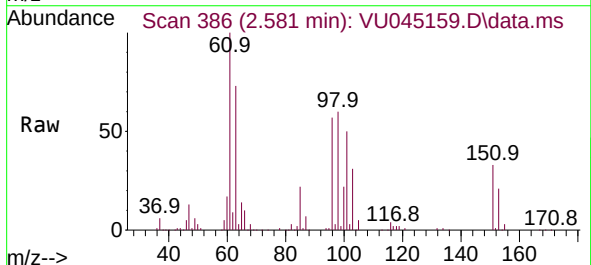
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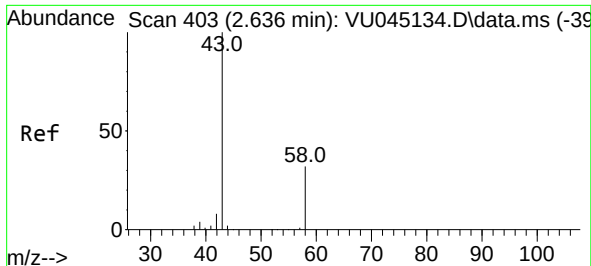
Tgt Ion:101 Resp: 105670
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 67.3 54.4 81.6



#12
1,1-Dichloroethene
Concen: 50.444 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 96 Resp: 104862
Ion Ratio Lower Upper
96 100
61 175.3 131.3 243.9
63 127.3 102.5 190.3

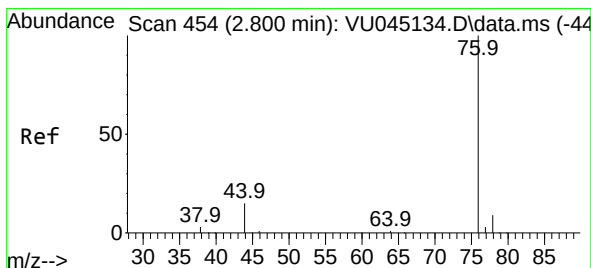
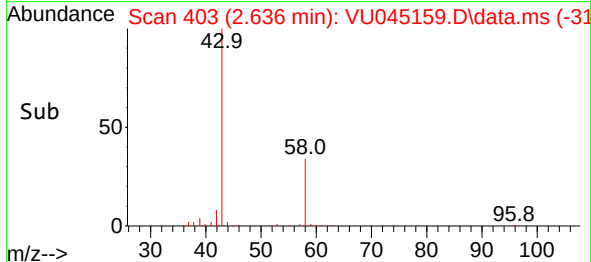
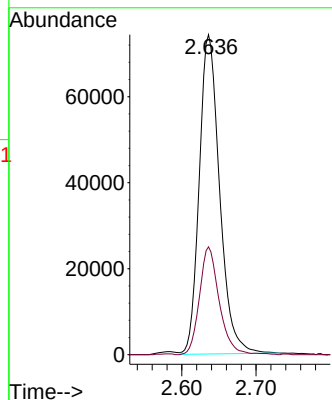
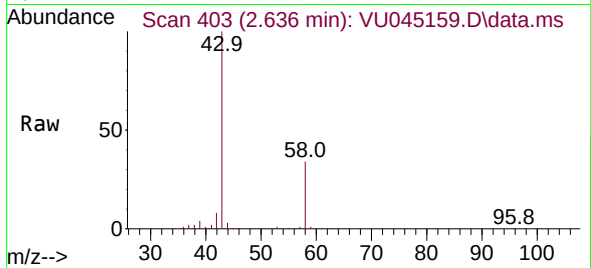




#13
Acetone
Concen: 52.732 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

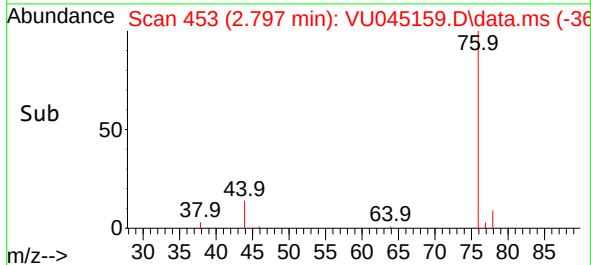
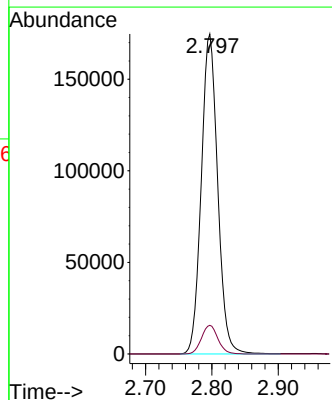
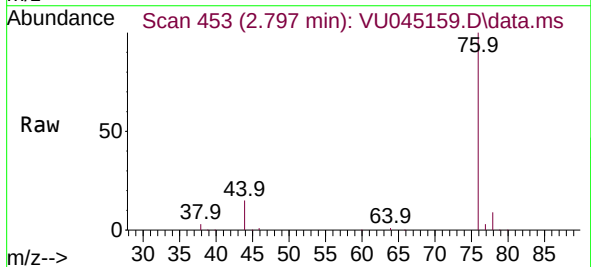
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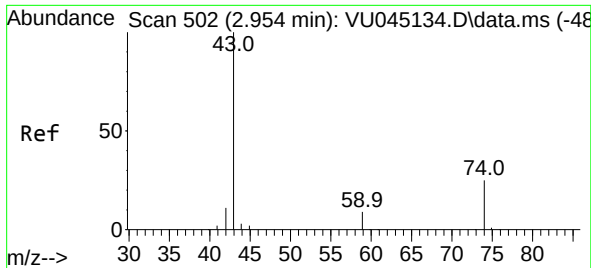
Tgt Ion: 43 Resp: 141613
Ion Ratio Lower Upper
43 100
58 32.5 0.0 62.8



#14
Carbon disulfide
Concen: 45.126 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
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Acq: 05 Oct 2021 20:50

Tgt Ion: 76 Resp: 300523
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

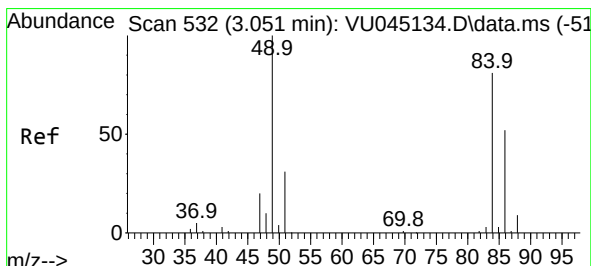
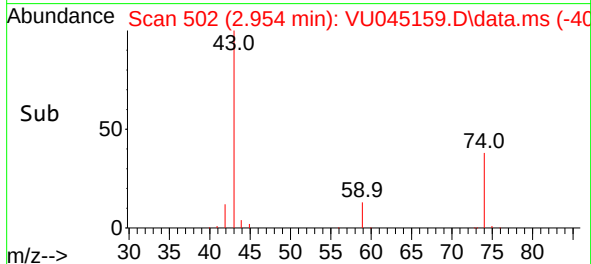
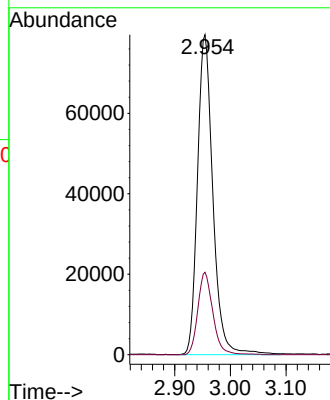
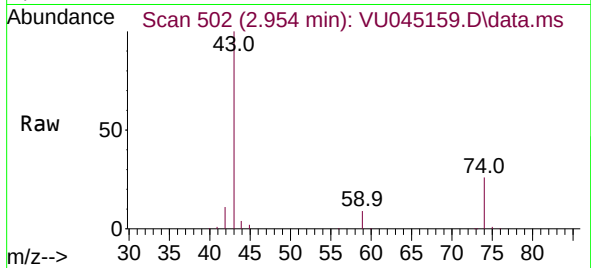




#15
Methyl Acetate
Concen: 46.224 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

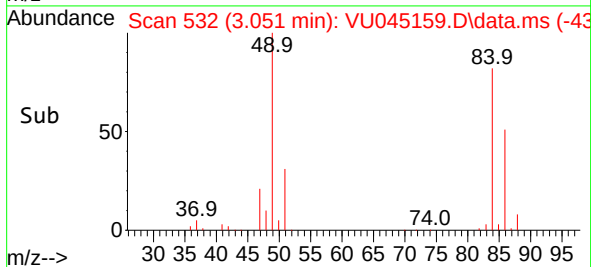
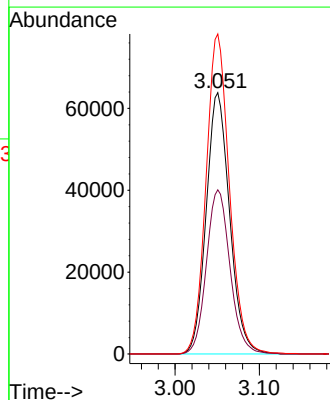
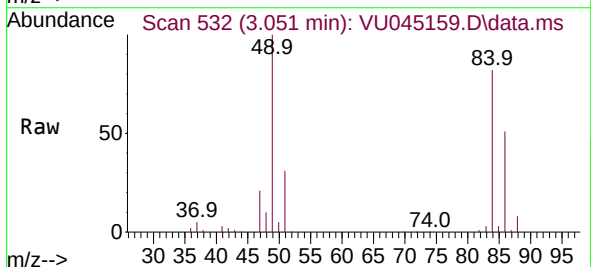
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

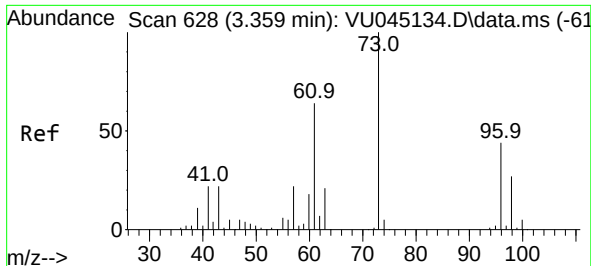
Tgt Ion: 43 Resp: 153095
Ion Ratio Lower Upper
43 100
74 24.9 18.4 27.6



#16
Methylene chloride
Concen: 46.942 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 84 Resp: 123627
Ion Ratio Lower Upper
84 100
86 62.8 44.7 83.1
49 122.5 92.9 172.5

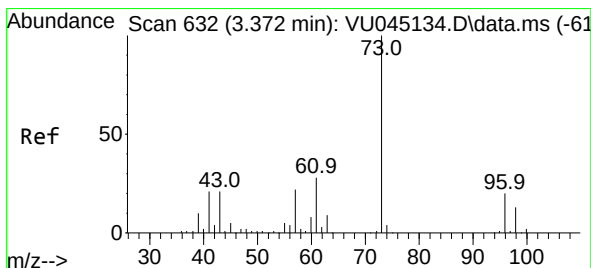
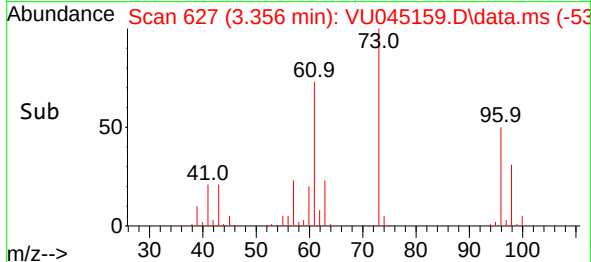
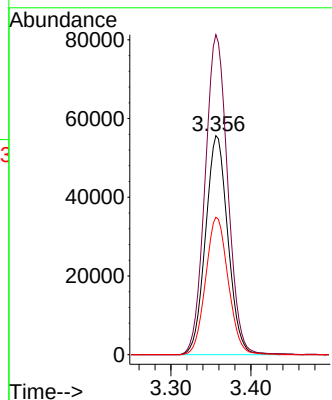
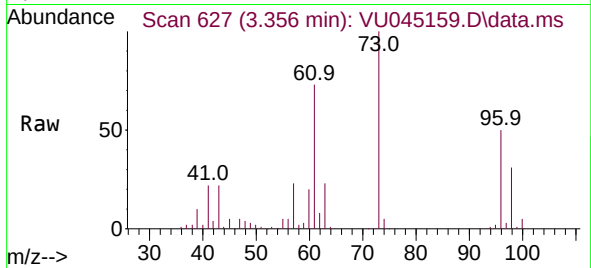




#17
trans-1,2-Dichloroethene
Concen: 49.590 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

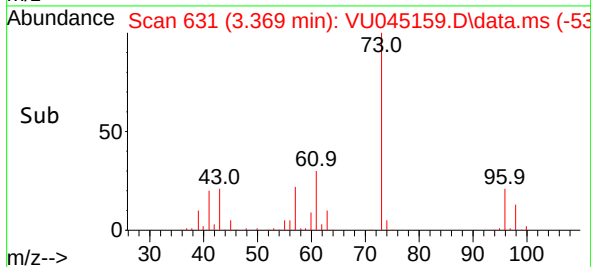
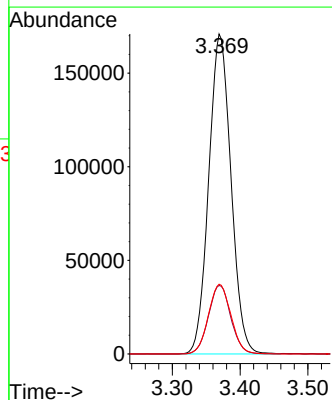
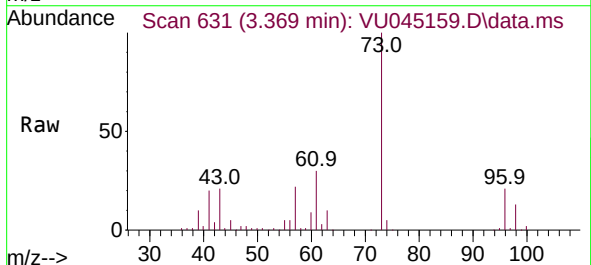
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

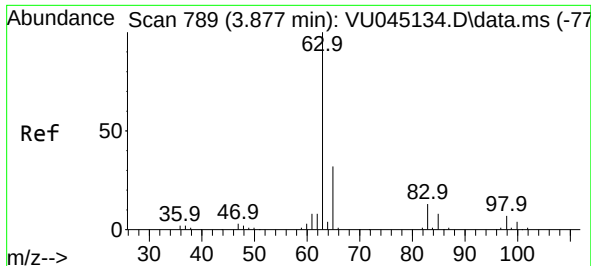
Tgt Ion: 96 Resp: 108593
Ion Ratio Lower Upper
96 100
61 146.1 105.1 195.3
98 62.8 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 53.946 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 73 Resp: 389526
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 22.1 18.7 28.1





#19

1,1-Dichloroethane

Concen: 47.718 ug/L

RT: 3.874 min Scan# 788

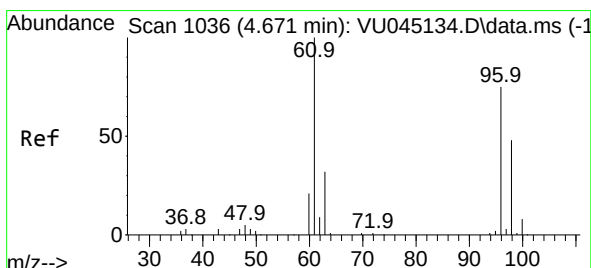
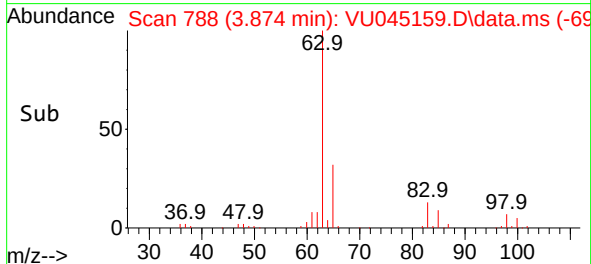
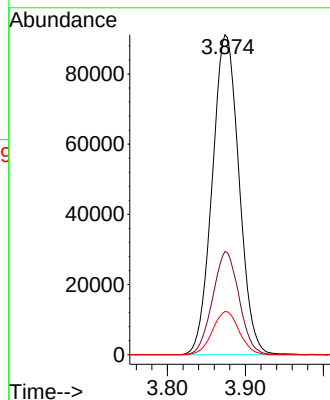
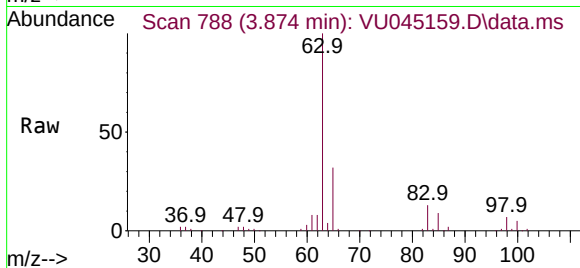
Delta R.T. -0.003 min

Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion: 63 Resp: 217385

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	40.8
83	13.5	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 51.335 ug/L

RT: 4.671 min Scan# 1036

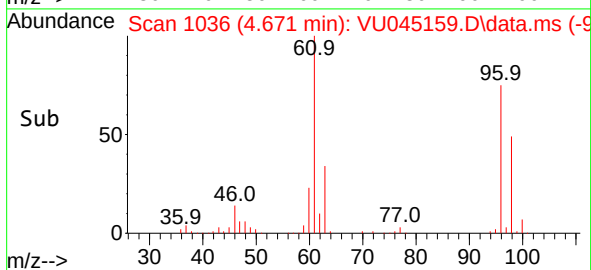
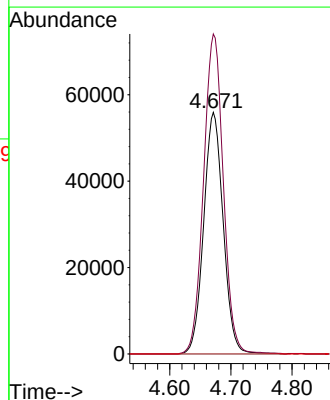
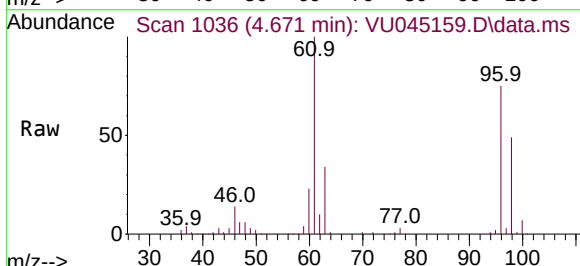
Delta R.T. 0.000 min

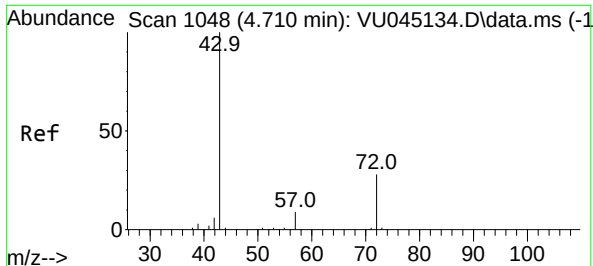
Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion: 96 Resp: 123871

Ion	Ratio	Lower	Upper
96	100		
61	132.5	100.2	186.0
68	0.0	0.0	0.0

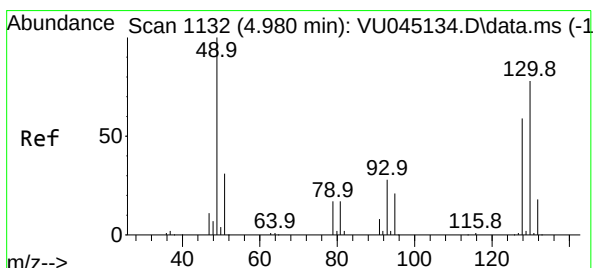
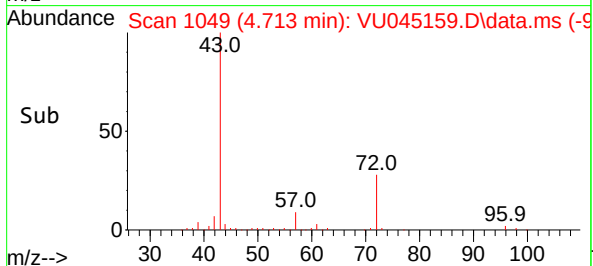
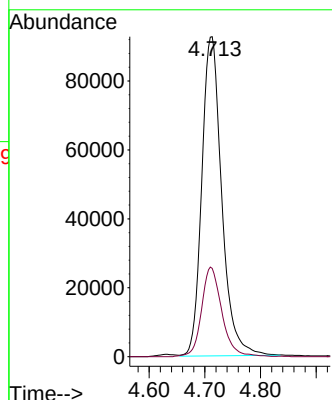
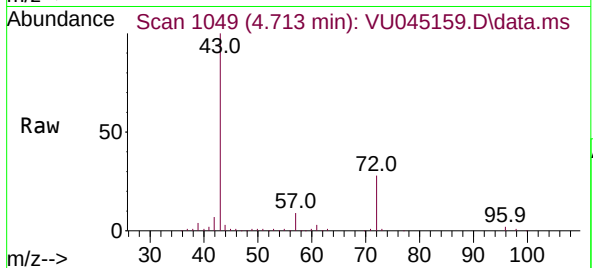




#22
2-Butanone
Concen: 76.739 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

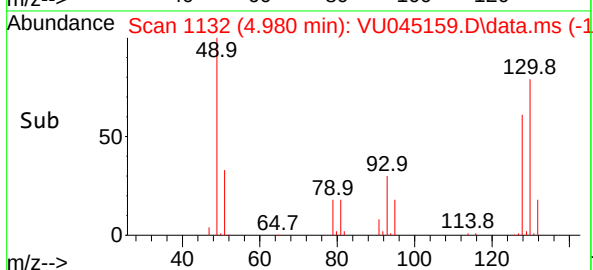
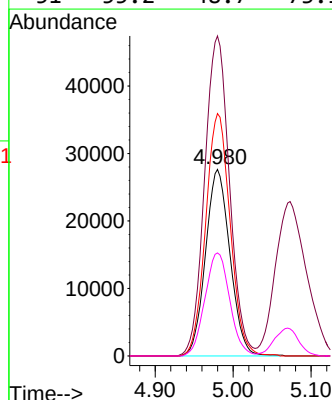
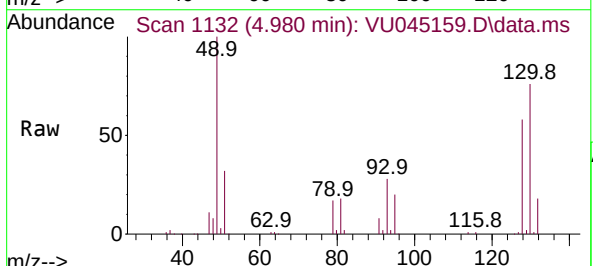
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

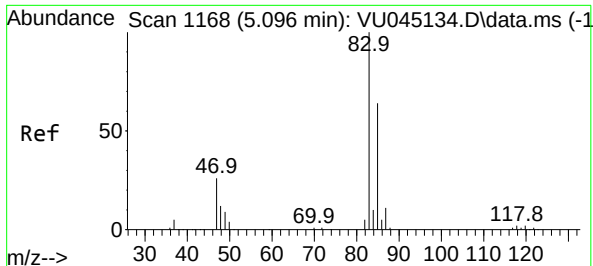
Tgt Ion: 43 Resp: 230653
Ion Ratio Lower Upper
43 100
72 28.4 13.3 39.9



#23
Bromochloromethane
Concen: 49.267 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:128 Resp: 60266
Ion Ratio Lower Upper
128 100
49 171.4 132.9 246.7
130 129.9 88.2 163.8
51 55.2 48.7 73.1



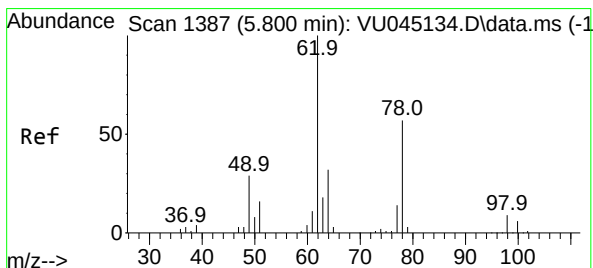
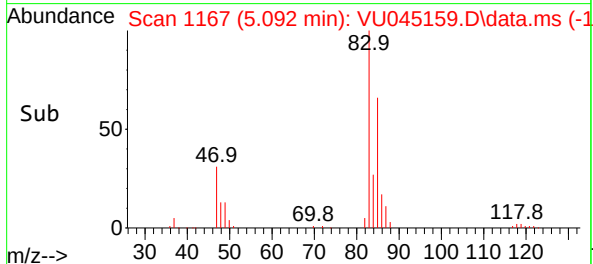
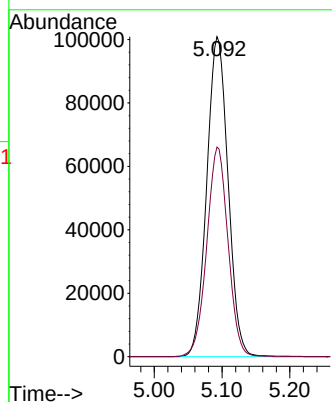
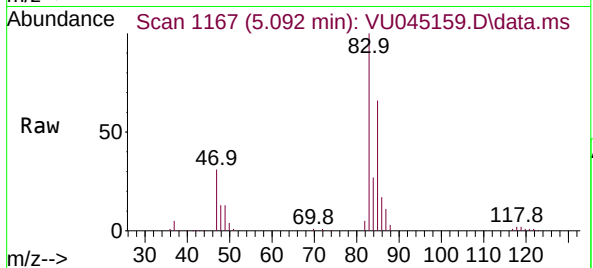


#25

Chloroform
Concen: 48.596 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

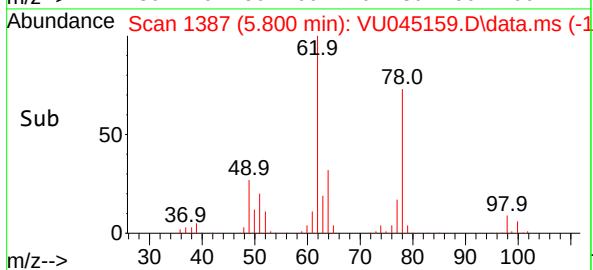
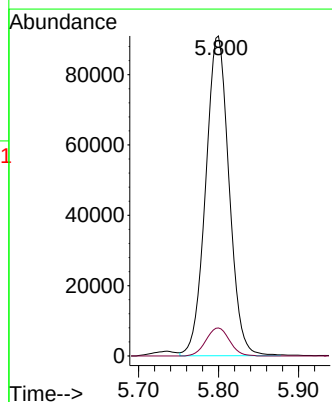
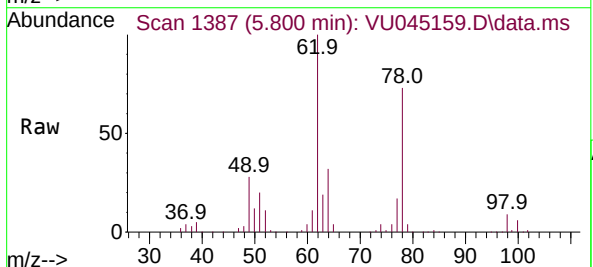
Tgt Ion: 83 Resp: 220090
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6

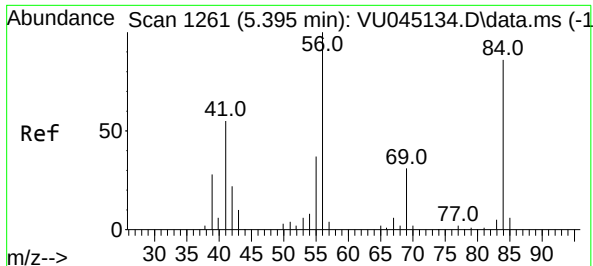


#27

1,2-Dichloroethane
Concen: 48.821 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 62 Resp: 184935
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 50.950 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

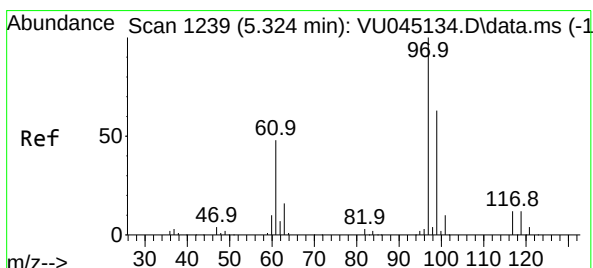
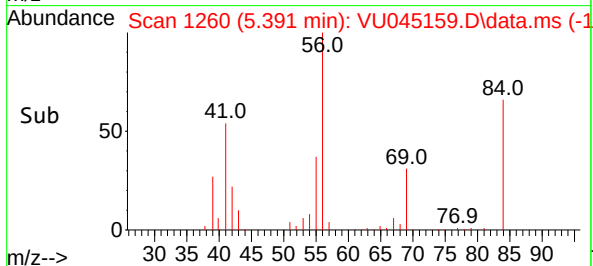
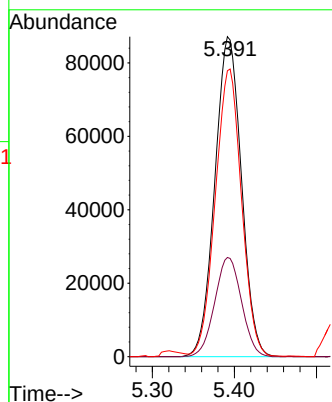
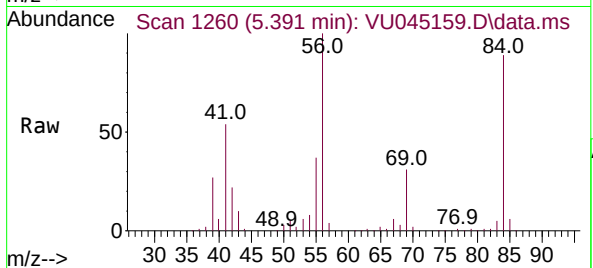
Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion: 56 Resp: 196377

Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.8	35.8
84	88.7	66.8	100.2

Instrument :
MSVOA_U
ClientSampleId :
VSTD050088



#30

1,1,1-Trichloroethane

Concen: 51.209 ug/L

RT: 5.321 min Scan# 1238

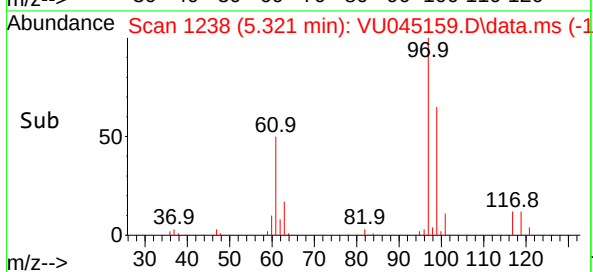
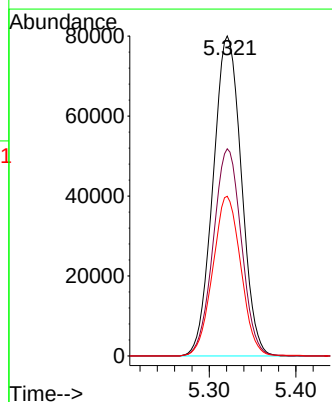
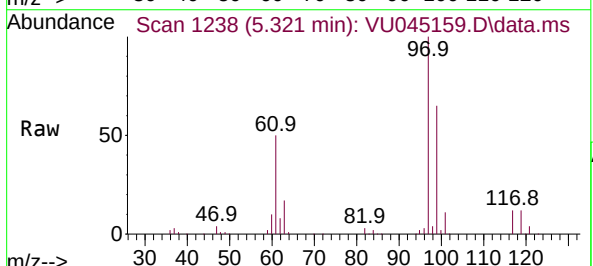
Delta R.T. -0.003 min

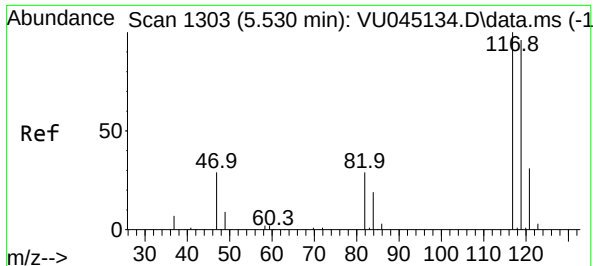
Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion: 97 Resp: 181769

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	75.8
61	49.5	41.3	61.9

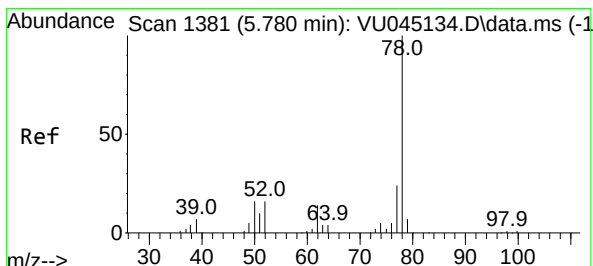
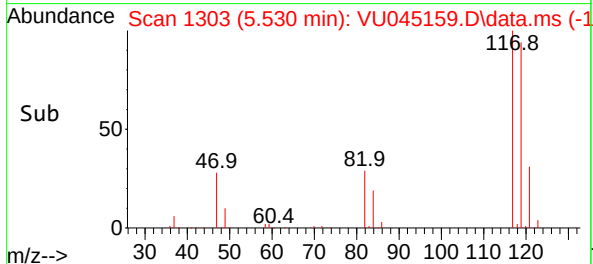
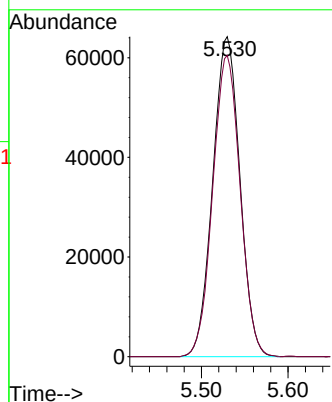
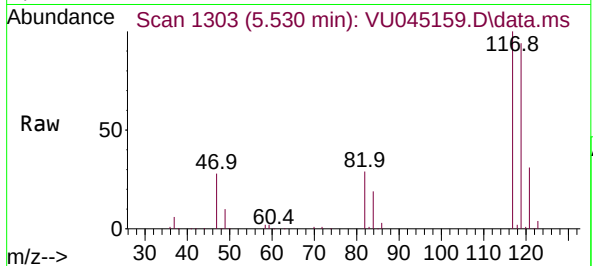




#31
Carbon tetrachloride
Concen: 49.890 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

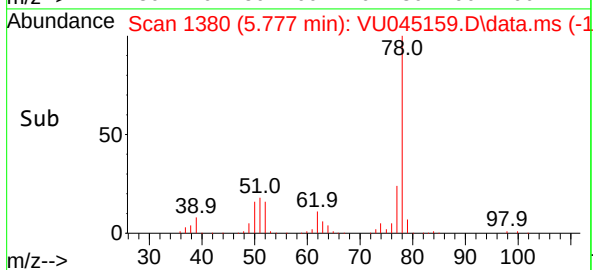
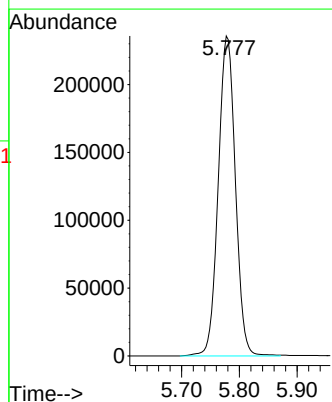
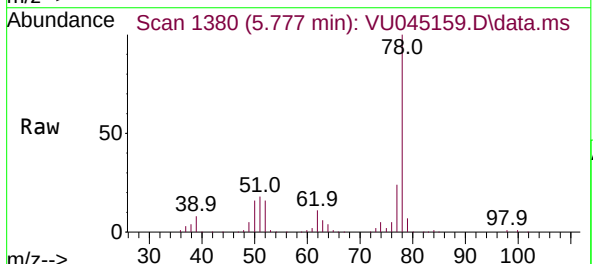
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

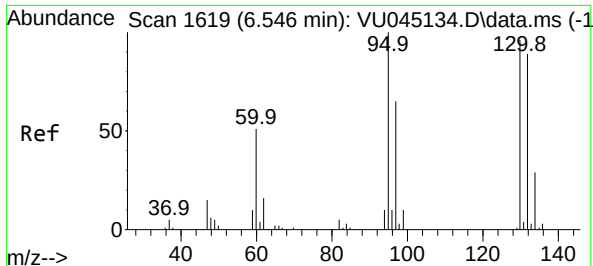
Tgt Ion:117 Resp: 139867
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5



#33
Benzene
Concen: 51.134 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 78 Resp: 486311





#34

Trichloroethene

Concen: 51.444 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion: 95 Resp: 117514

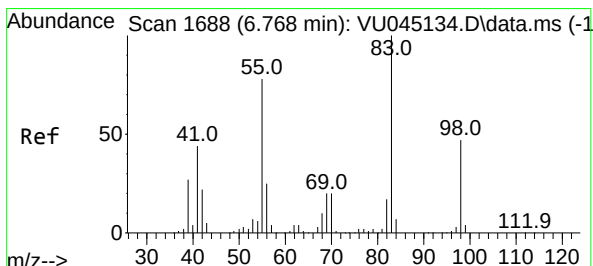
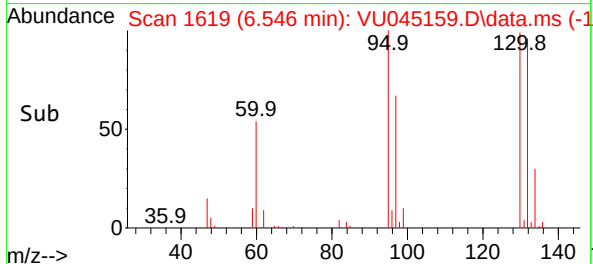
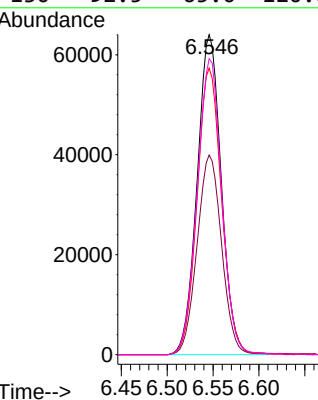
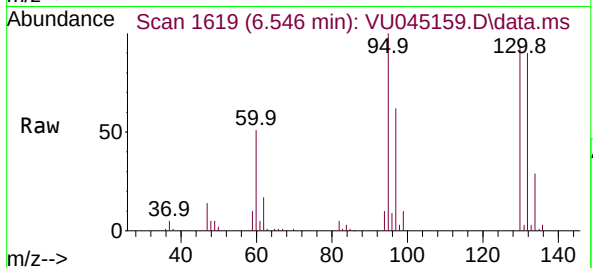
Ion Ratio Lower Upper

95 100

97 62.4 44.4 82.4

132 89.5 62.9 116.9

130 92.5 65.0 120.8



#35

Methylcyclohexane

Concen: 50.337 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

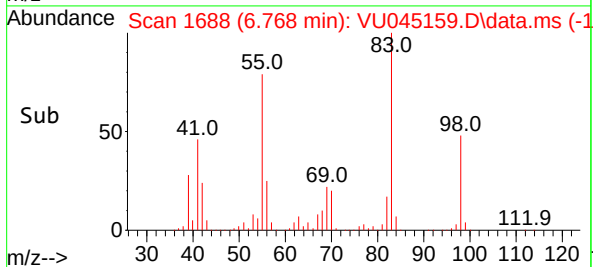
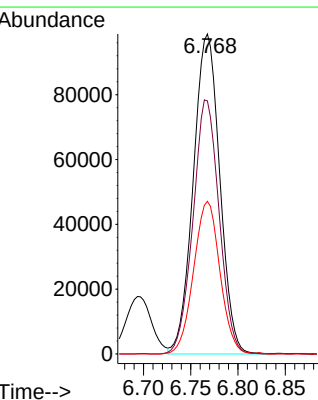
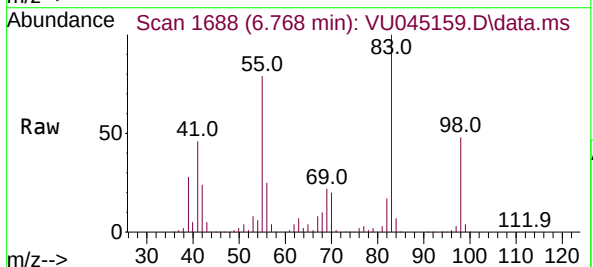
Tgt Ion: 83 Resp: 192510

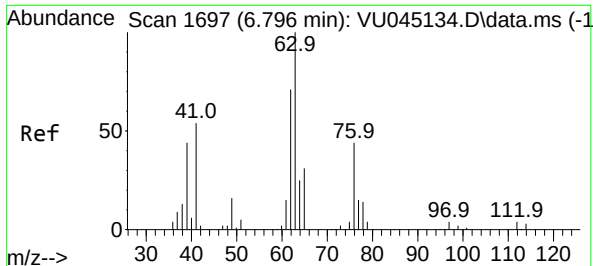
Ion Ratio Lower Upper

83 100

55 78.2 65.8 98.6

98 47.3 37.1 55.7



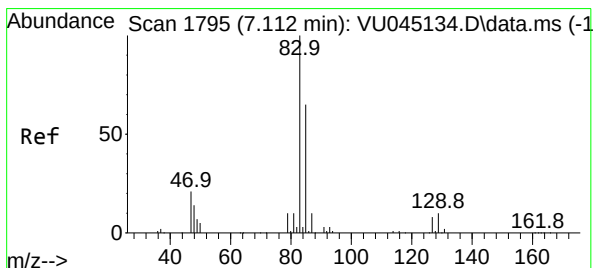
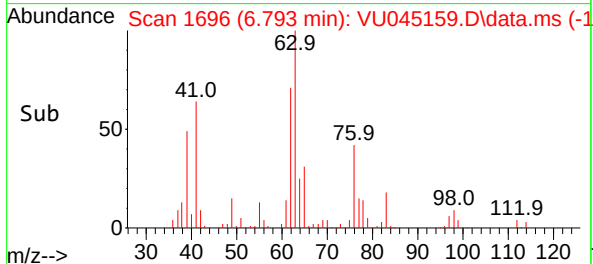
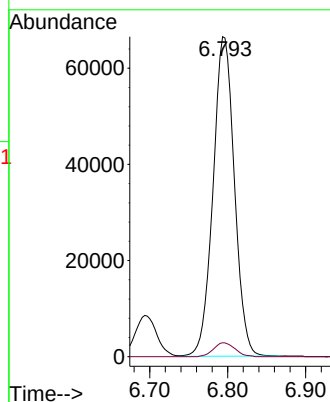
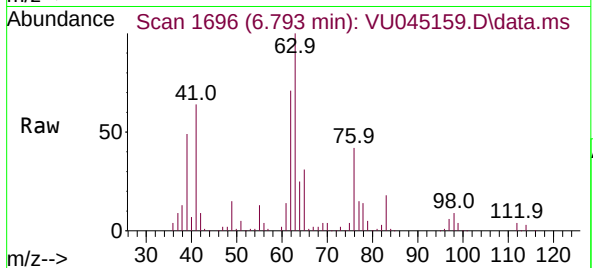


#37

1,2-Dichloropropane
Concen: 48.890 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

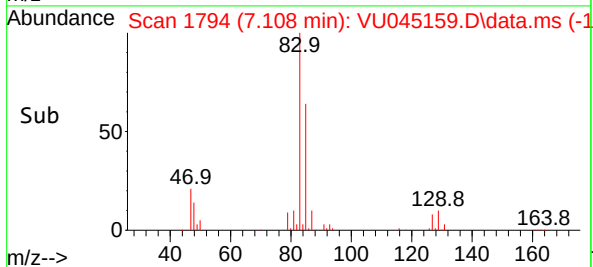
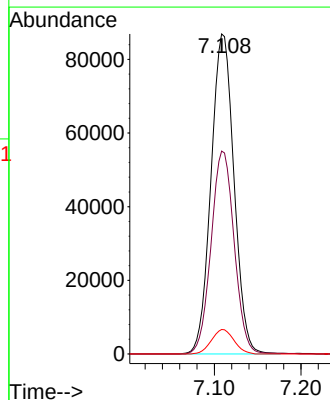
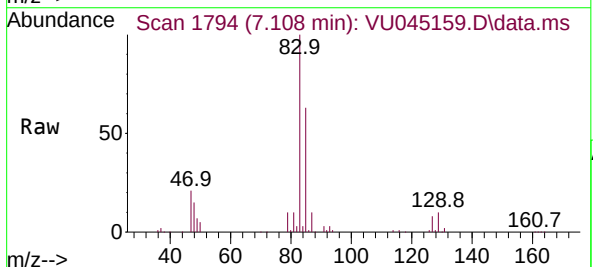
Tgt Ion: 63 Resp: 126596
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8

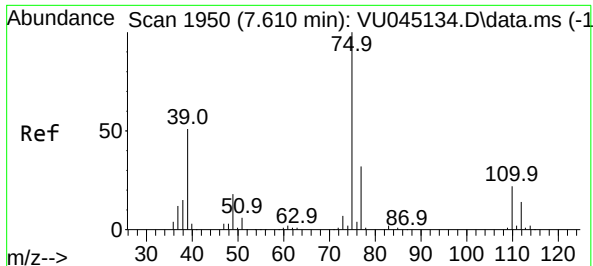


#38

Bromodichloromethane
Concen: 50.480 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 83 Resp: 160228
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8
127 7.7 6.2 9.2



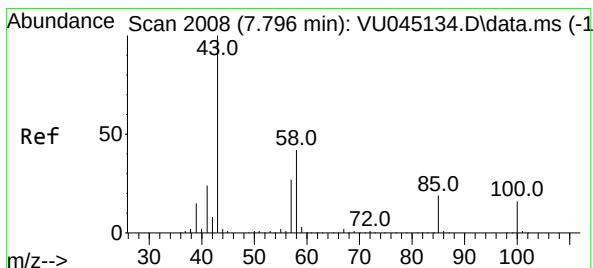
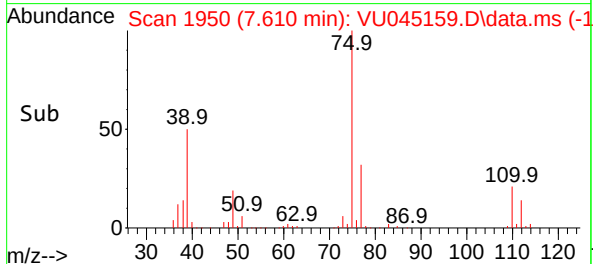
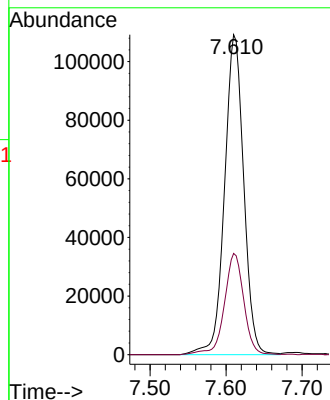
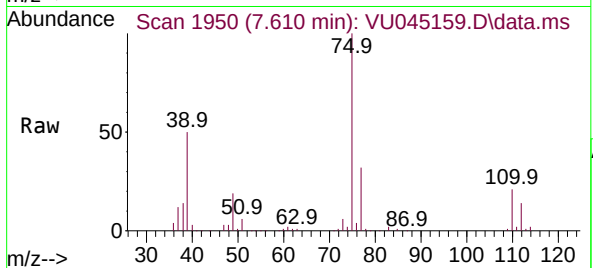


#39

cis-1,3-Dichloropropene
 Concen: 51.585 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050088

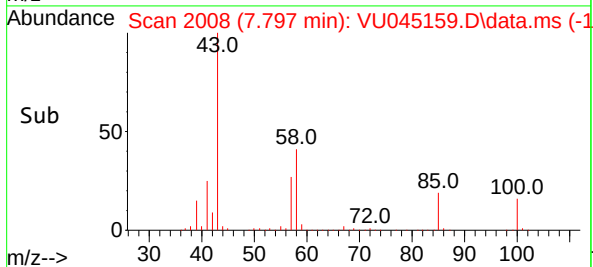
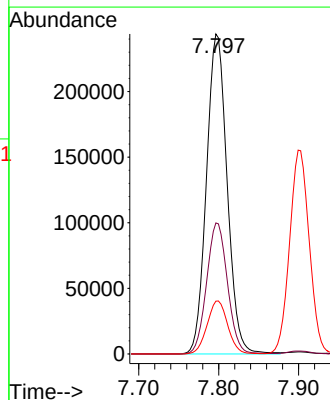
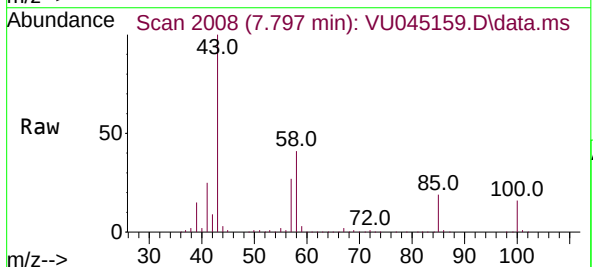
Tgt Ion: 75 Resp: 191125
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.4 41.6

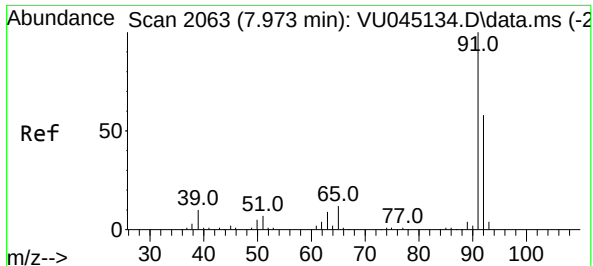


#40

4-Methyl-2-pentanone
 Concen: 101.536 ug/L
 RT: 7.797 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

Tgt Ion: 43 Resp: 439204
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.8 47.8
 100 16.5 11.8 17.6

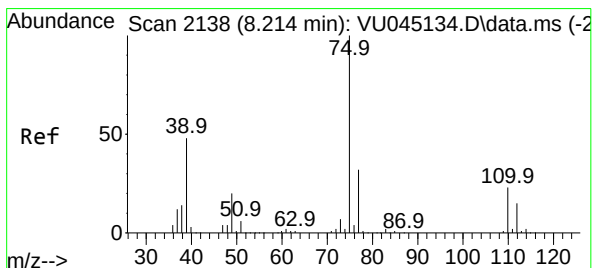
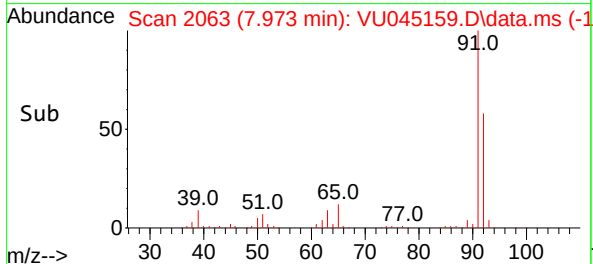
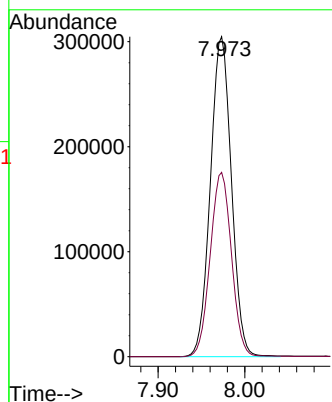
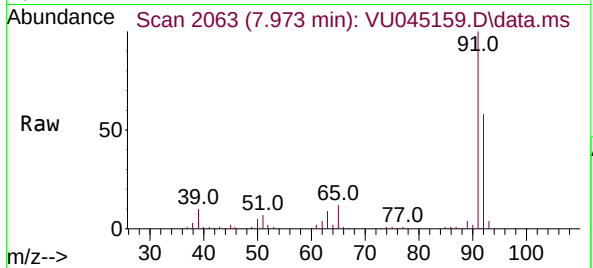




#42
Toluene
Concen: 53.204 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

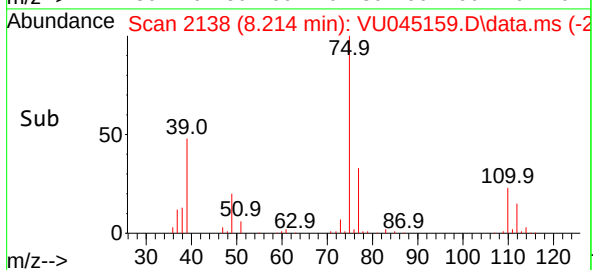
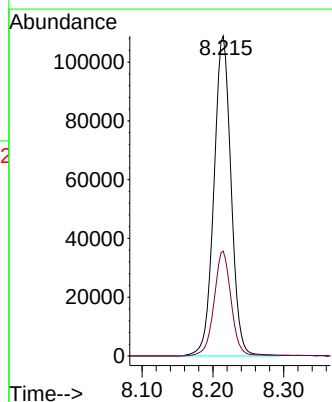
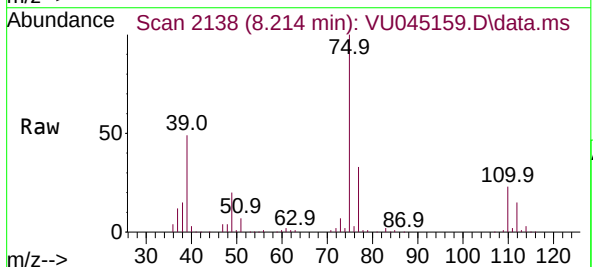
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

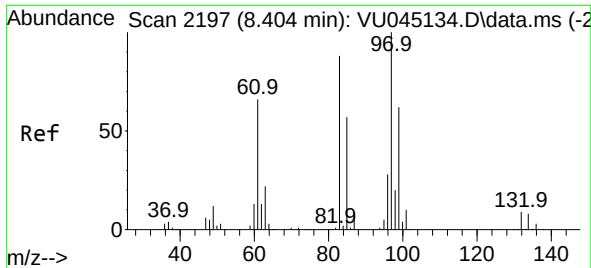
Tgt Ion: 91 Resp: 514116
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 51.994 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 75 Resp: 183175
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3

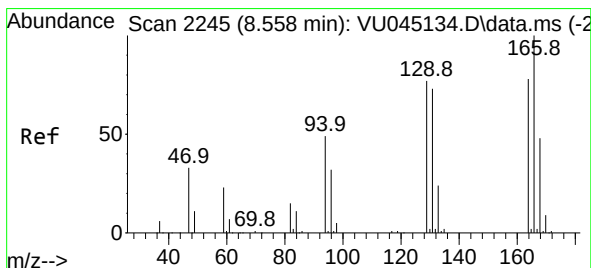
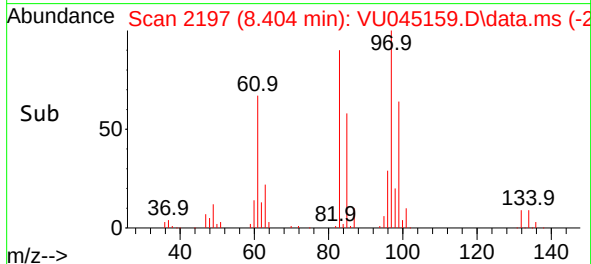
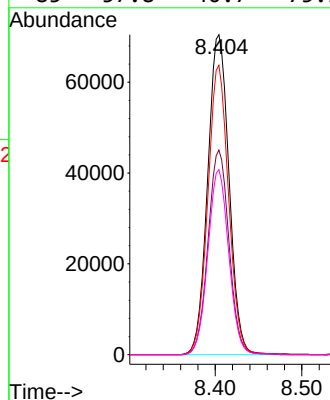
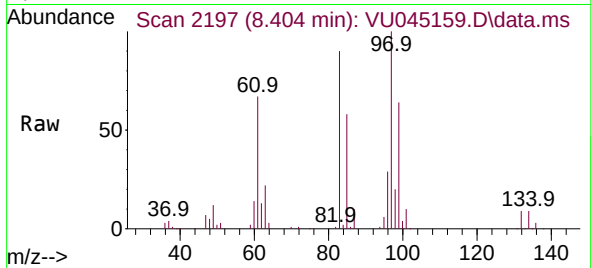




#45
1,1,2-Trichloroethane
Concen: 51.478 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

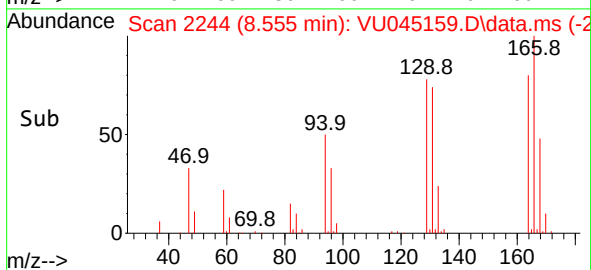
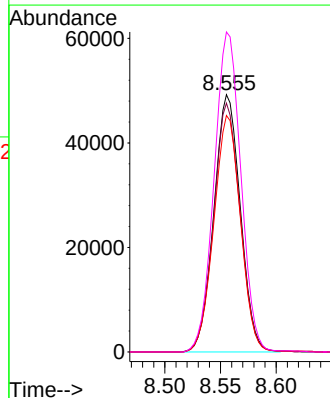
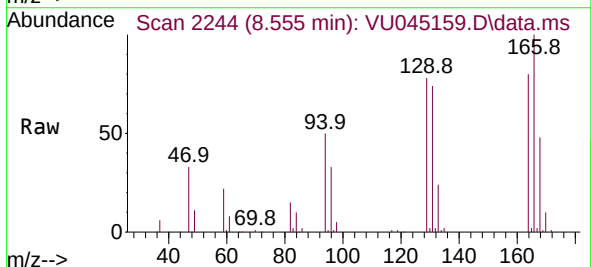
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

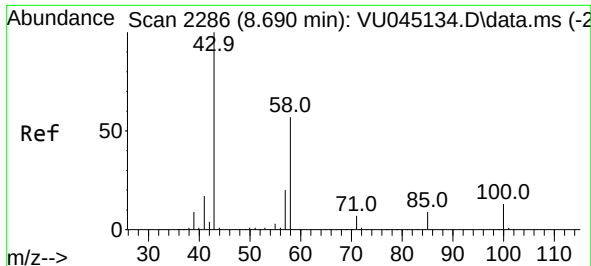
Tgt Ion:	97	Resp:	120802
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.7	81.1
83	90.4	61.9	115.1
85	57.8	40.7	75.5



#46
Tetrachloroethene
Concen: 49.963 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:	164	Resp:	81578
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.8	129.6
131	91.9	66.4	123.2
166	124.4	91.1	169.3

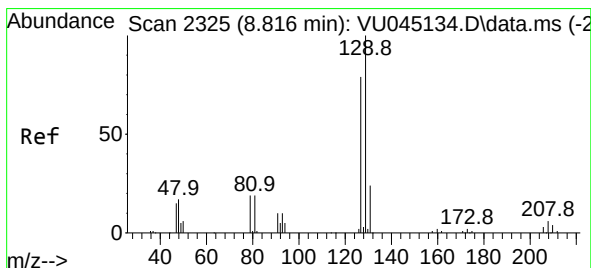
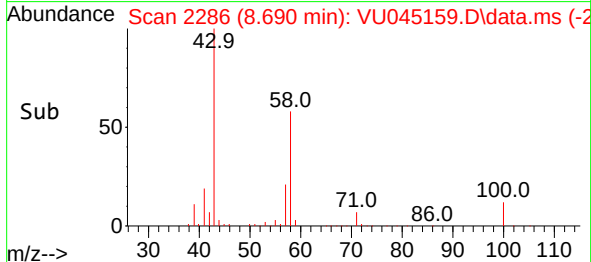
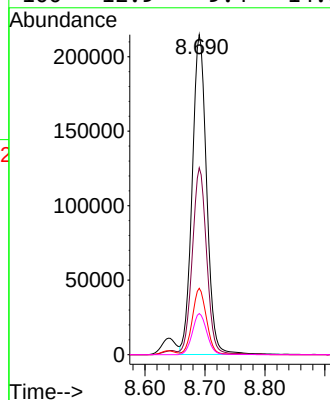
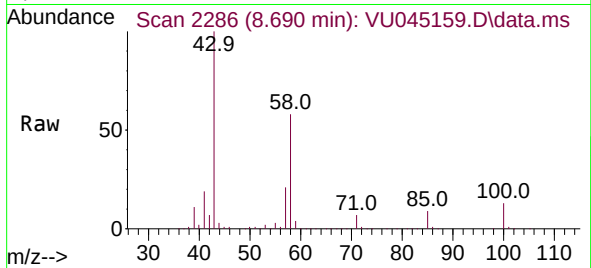




#48
2-Hexanone
Concen: 93.683 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

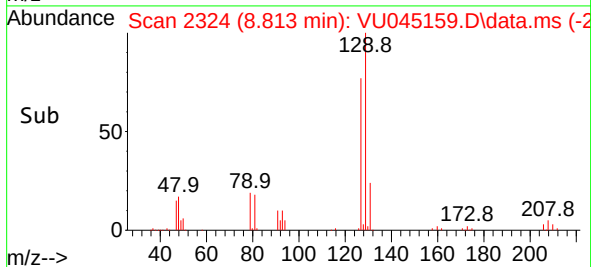
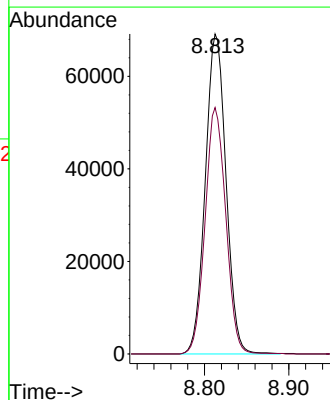
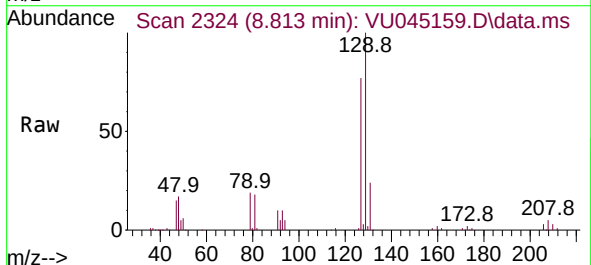
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

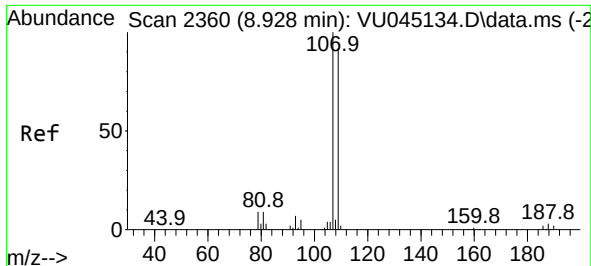
Tgt Ion:	43	Resp:	359351
Ion	Ratio	Lower	Upper
43	100		
58	57.7	44.9	67.3
57	20.2	15.5	23.3
100	12.9	9.4	14.0



#49
Dibromochloromethane
Concen: 50.989 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:	129	Resp:	118337
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.3	100.8





#50

1,2-Dibromoethane

Concen: 53.060 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

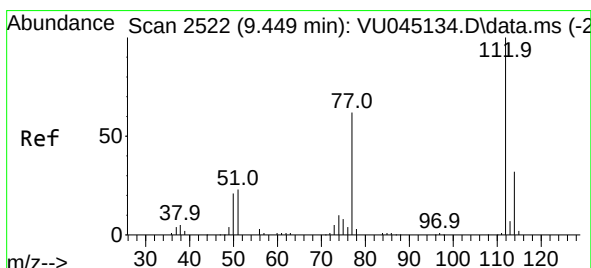
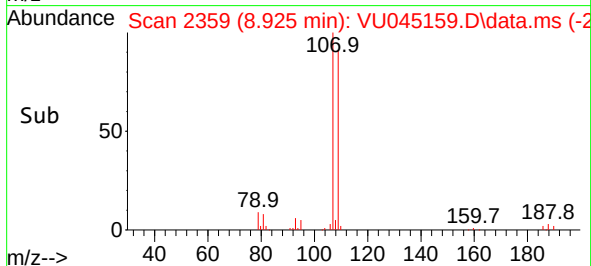
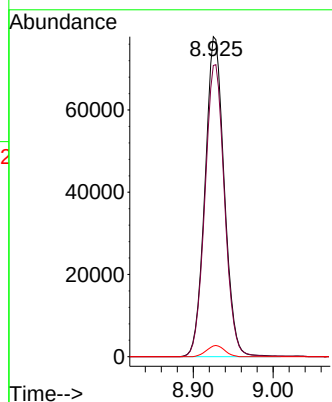
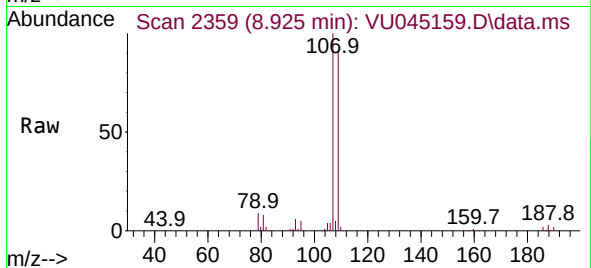
Instrument :

MSVOA_U

ClientSampleId :

VSTD050088

Tgt Ion:	107	Resp:	130366
Ion	Ratio	Lower	Upper
107	100		
109	91.0	65.5	121.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 51.604 ug/L

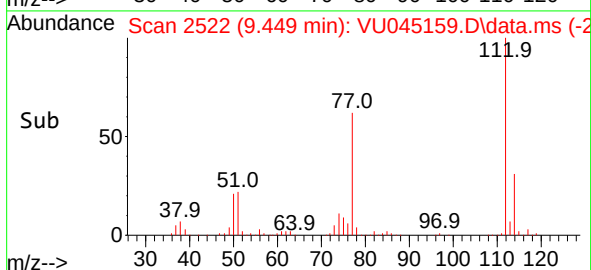
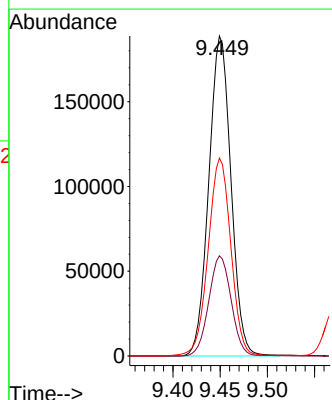
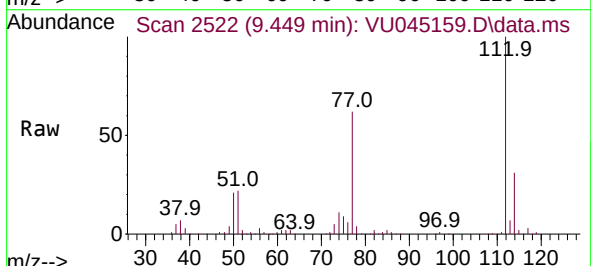
RT: 9.449 min Scan# 2522

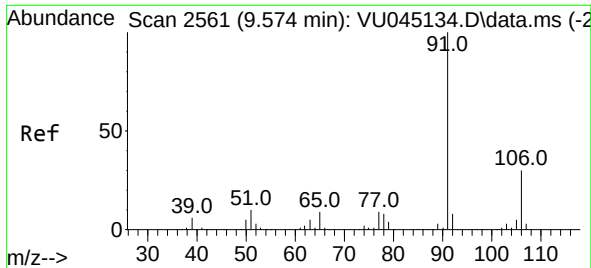
Delta R.T. 0.000 min

Lab File: VU045159.D

Acq: 05 Oct 2021 20:50

Tgt Ion:	112	Resp:	307848
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	61.8	50.6	75.8

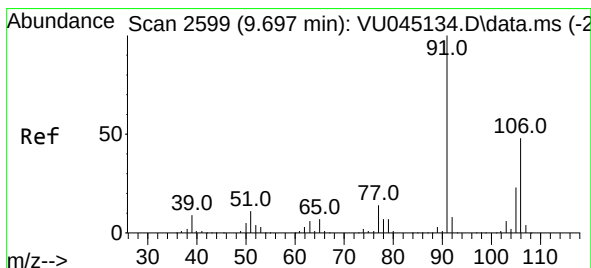
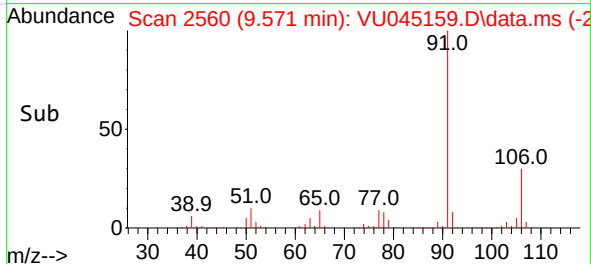
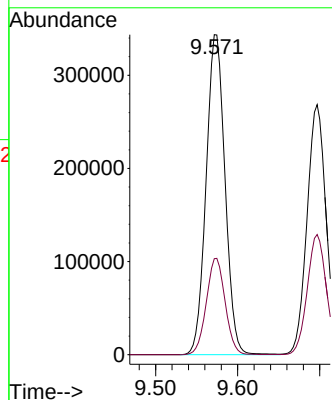
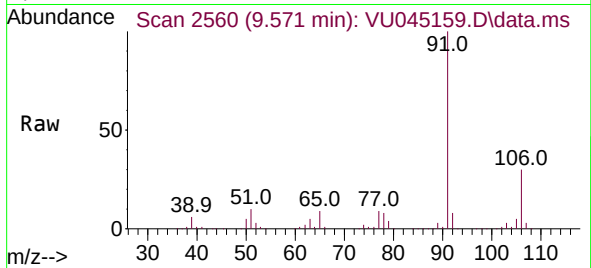




#52
Ethylbenzene
Concen: 53.840 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

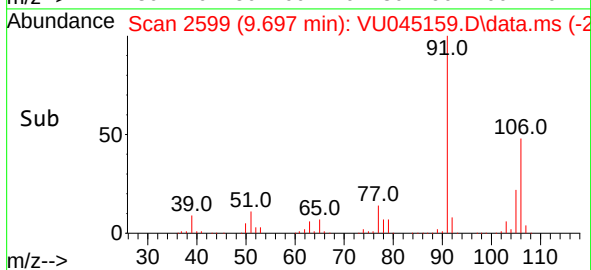
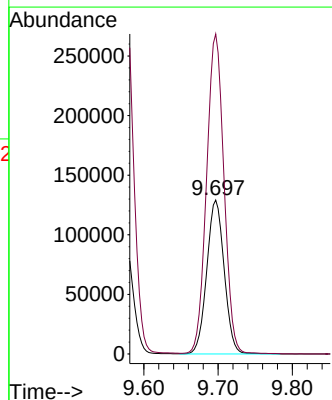
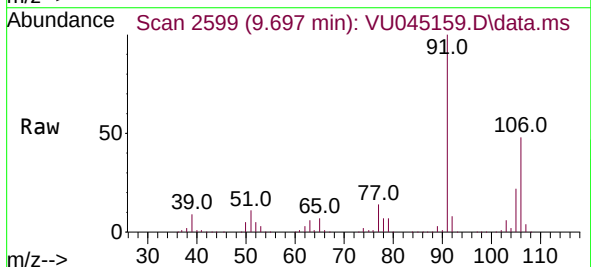
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

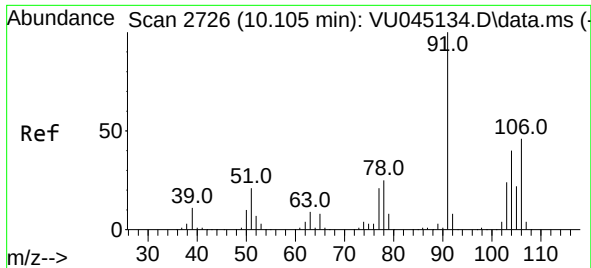
Tgt Ion: 91 Resp: 549610
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 54.342 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:106 Resp: 210147
Ion Ratio Lower Upper
106 100
91 207.9 146.7 272.4

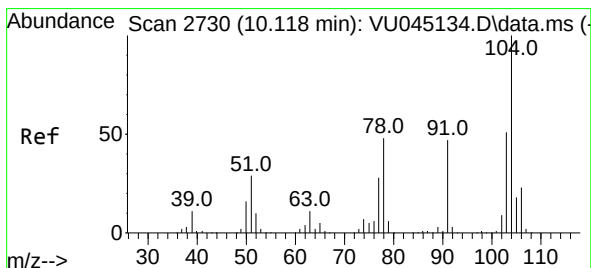
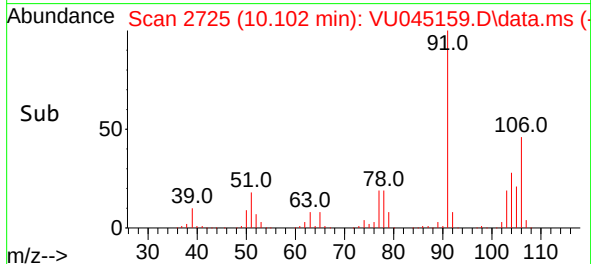
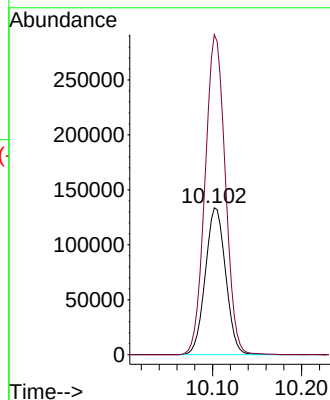
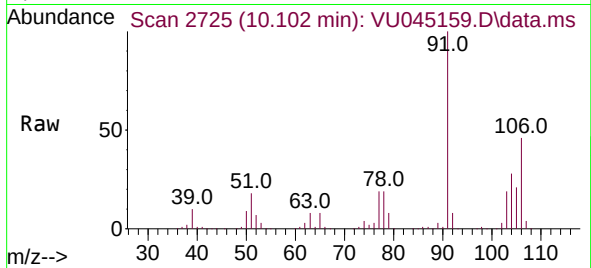




#54
o-xylene
Concen: 55.669 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

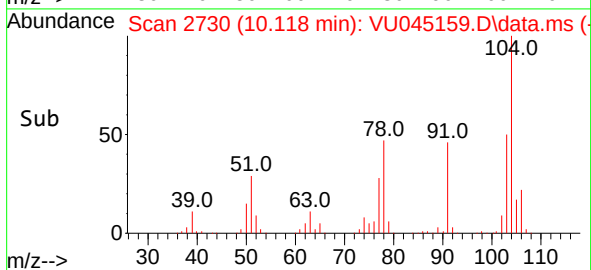
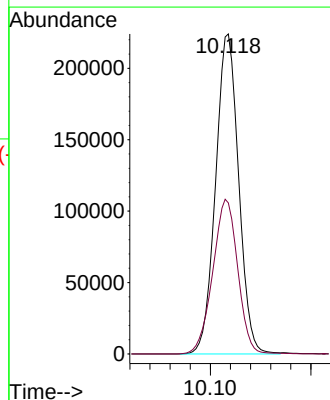
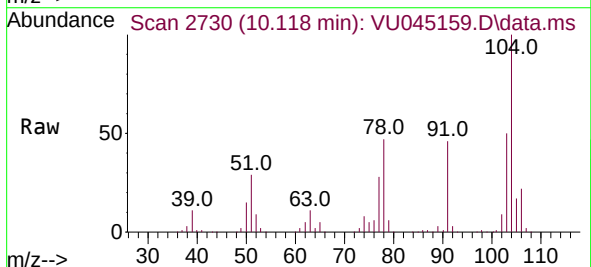
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

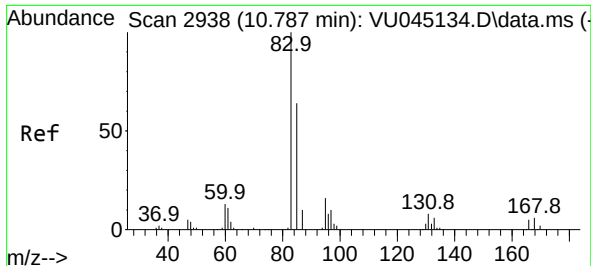
Tgt Ion:106 Resp: 211545
Ion Ratio Lower Upper
106 100
91 217.9 152.9 283.9



#55
Styrene
Concen: 54.602 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:104 Resp: 356822
Ion Ratio Lower Upper
104 100
78 47.2 33.3 61.9

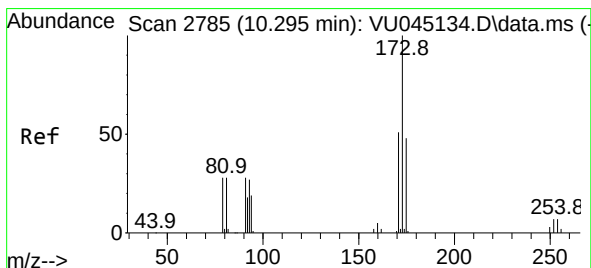
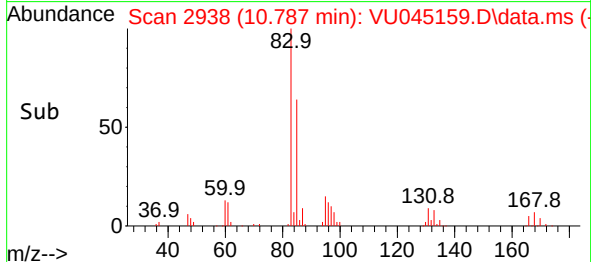
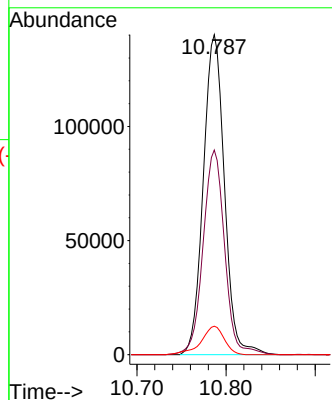
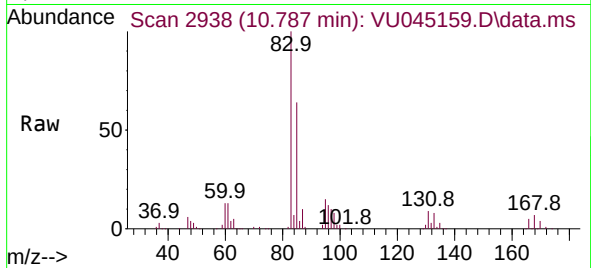




#57
1,1,2,2-Tetrachloroethane
Concen: 51.354 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

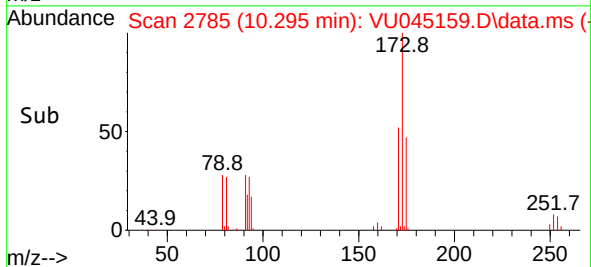
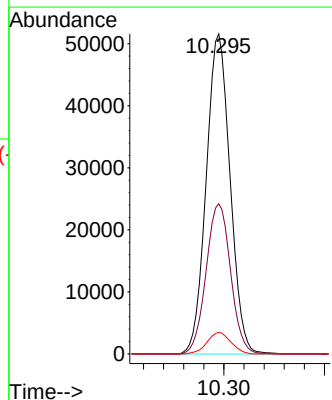
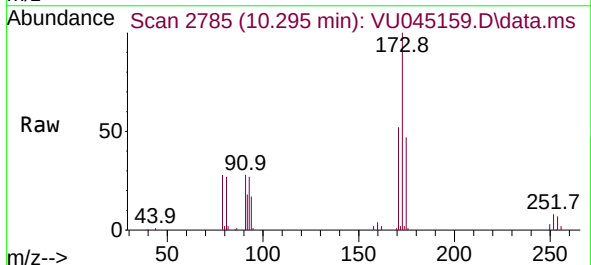
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

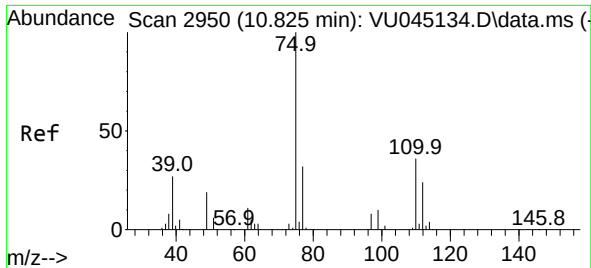
Tgt Ion: 83 Resp: 230748
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 52.017 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:173 Resp: 84965
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 6.7 5.3 7.9

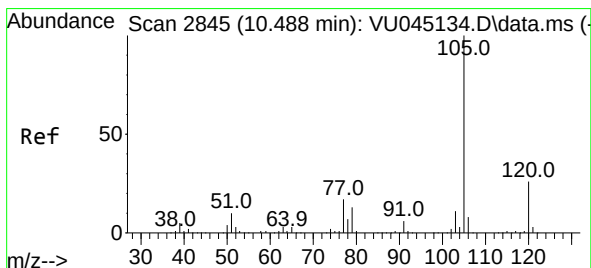
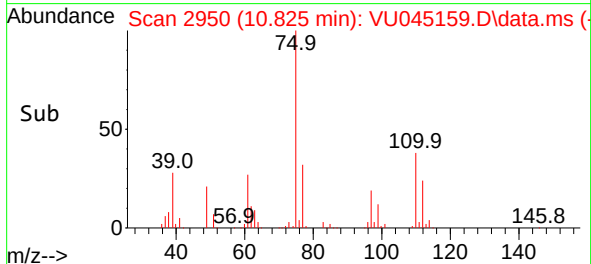
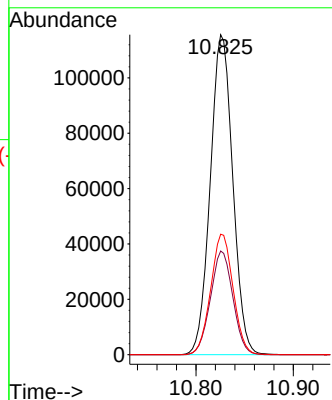
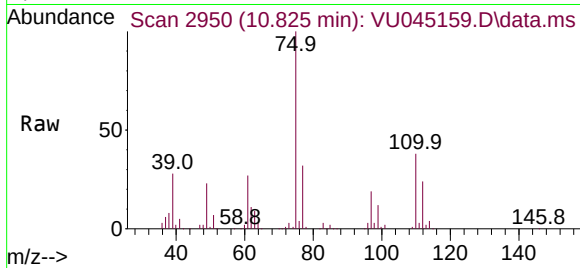




#60
1,2,3-Trichloropropane
Concen: 50.910 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

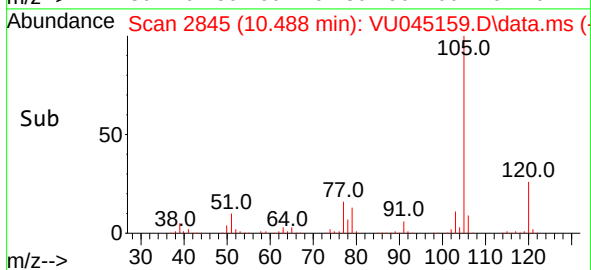
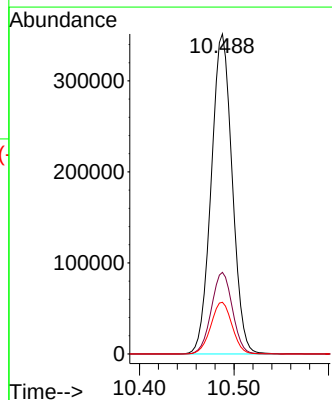
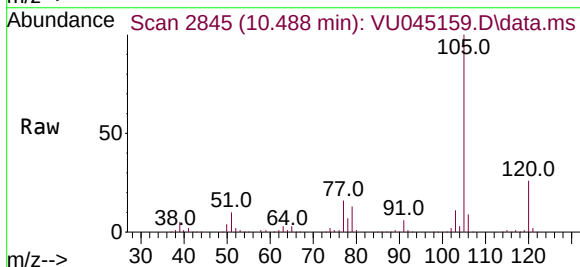
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

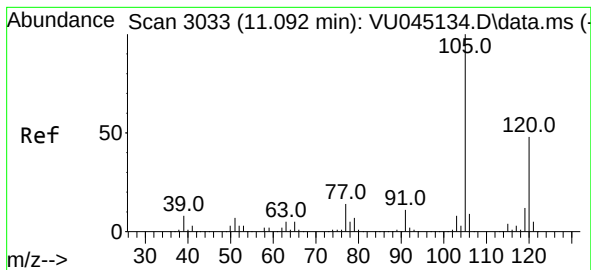
Tgt Ion: 75 Resp: 185449
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 37.5 29.0 43.4



#61
Isopropylbenzene
Concen: 56.136 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 105 Resp: 541079
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.4 13.5 20.3

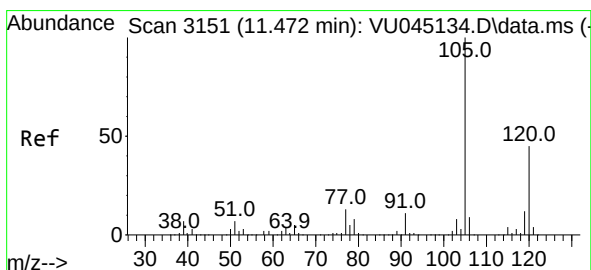
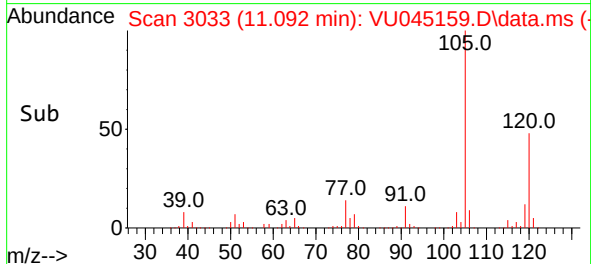
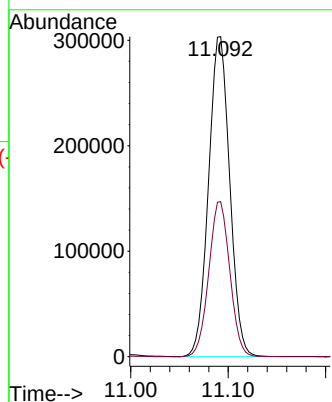
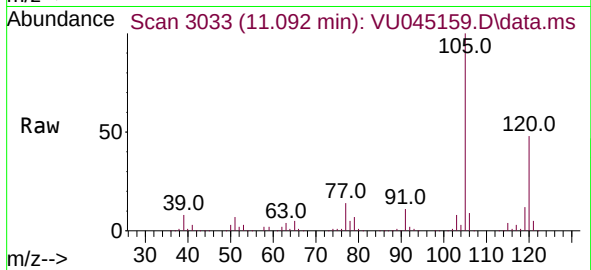




#62
1,3,5-Trimethylbenzene
Concen: 56.918 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

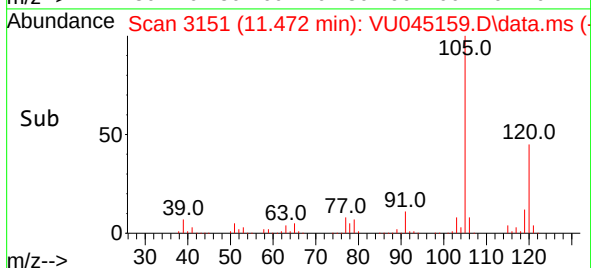
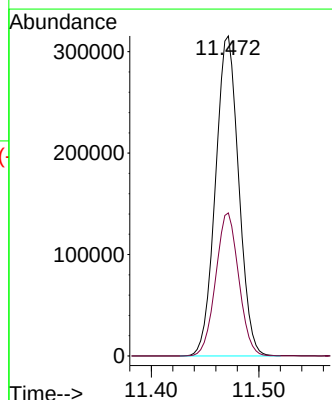
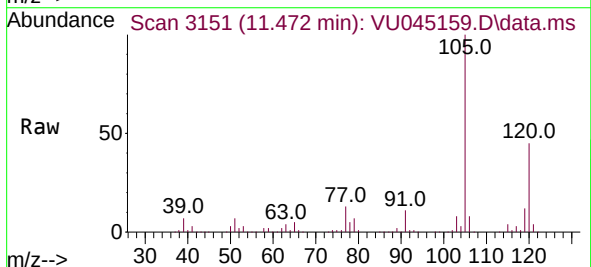
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

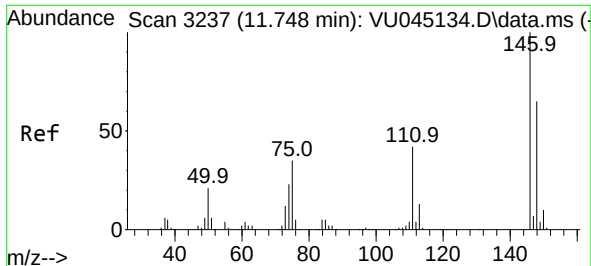
Tgt Ion:105 Resp: 458169
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 57.408 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:105 Resp: 473213
Ion Ratio Lower Upper
105 100
120 44.4 35.7 53.5

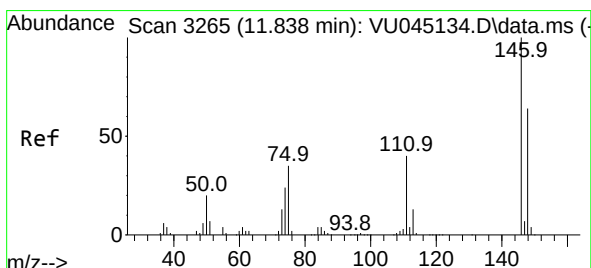
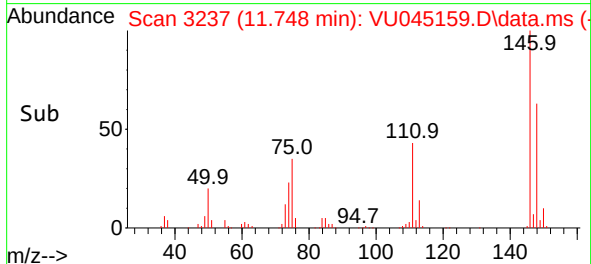
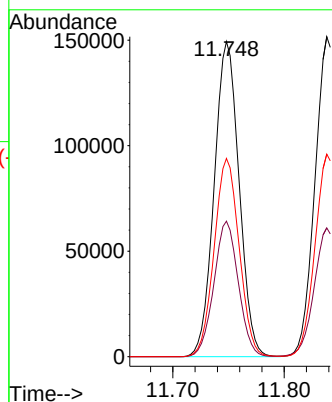
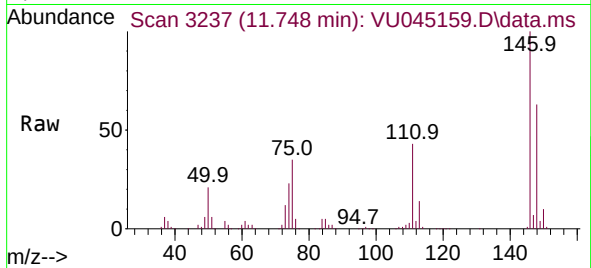




#64
1,3-Dichlorobenzene
Concen: 52.038 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

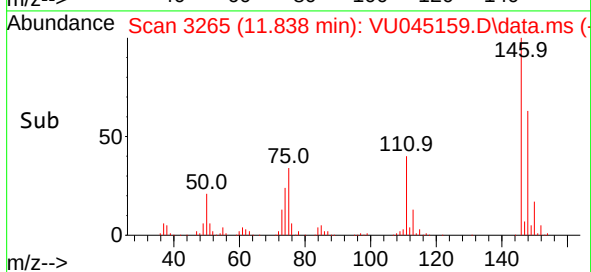
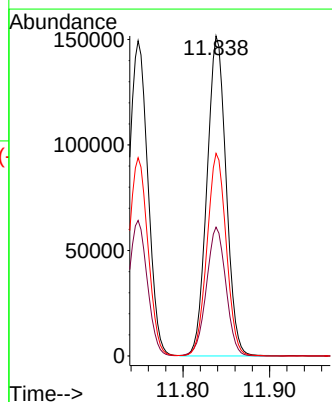
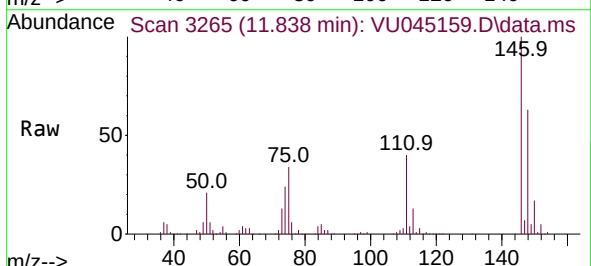
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

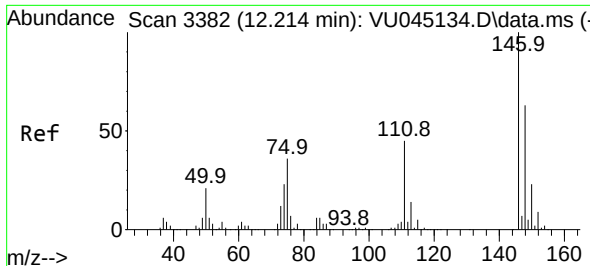
Tgt Ion:146 Resp: 231796
Ion Ratio Lower Upper
146 100
111 43.0 29.0 53.8
148 62.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.002 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:146 Resp: 233089
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 63.3 45.5 84.5

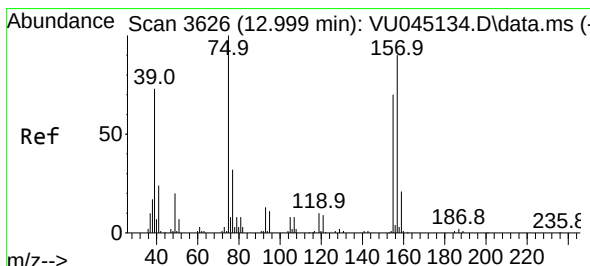
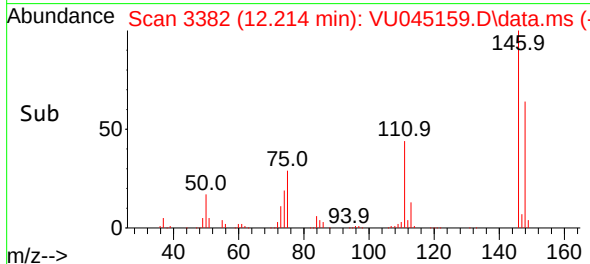
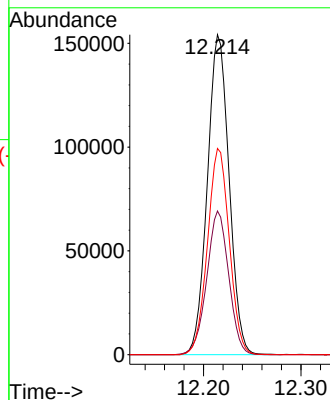
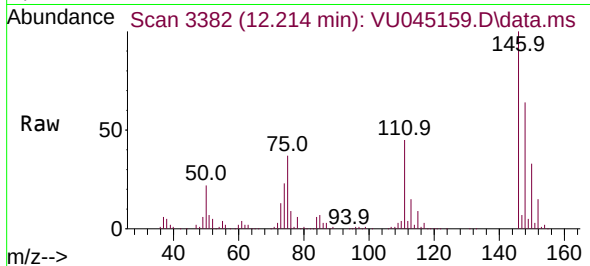




#67
1,2-Dichlorobenzene
Concen: 52.291 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

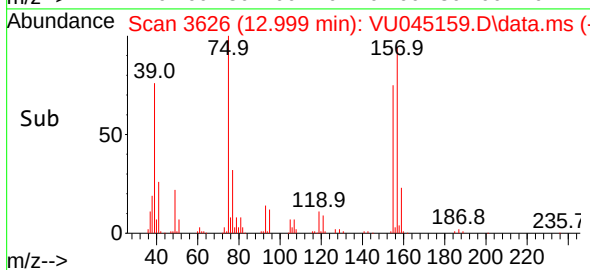
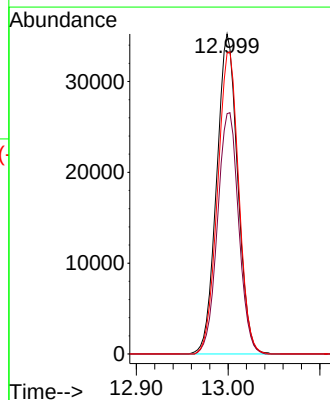
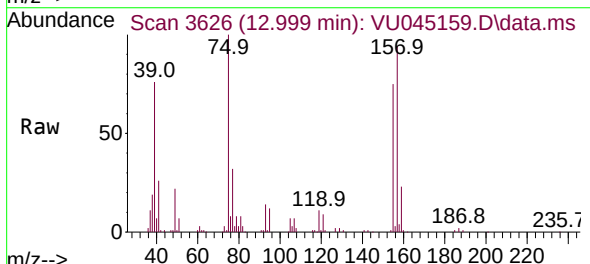
Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

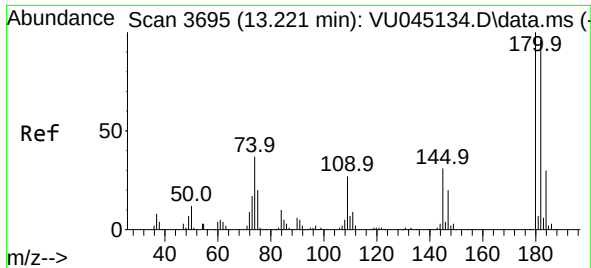
Tgt Ion:146 Resp: 239117
Ion Ratio Lower Upper
146 100
111 44.9 34.7 52.1
148 64.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 53.725 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion: 75 Resp: 56241
Ion Ratio Lower Upper
75 100
155 75.1 58.5 87.7
157 98.3 77.7 116.5

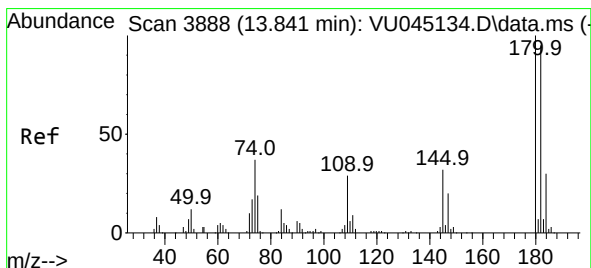
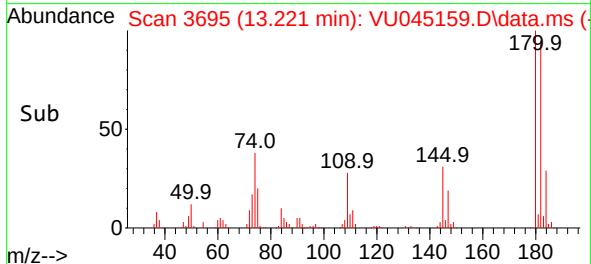
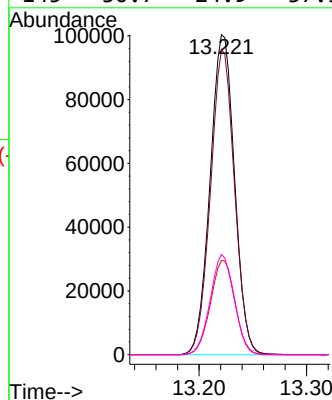
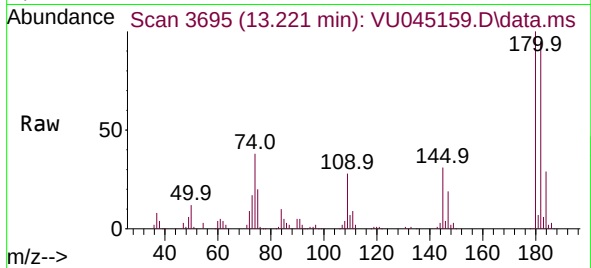




#69
 1,3,5-Trichlorobenzene
 Concen: 51.084 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

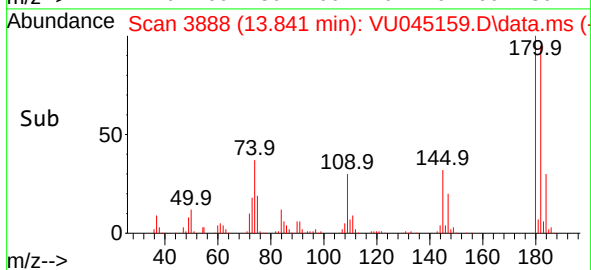
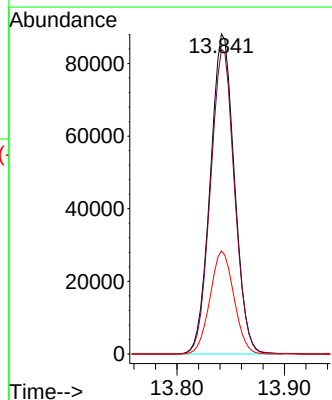
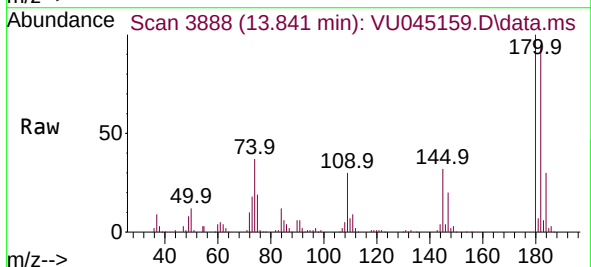
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050088

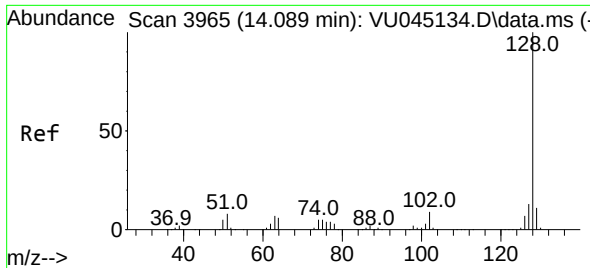
Tgt Ion:180 Resp: 157915
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.8 115.2
 184 29.7 24.4 36.6
 145 30.7 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 53.423 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045159.D
 Acq: 05 Oct 2021 20:50

Tgt Ion:180 Resp: 137233
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 31.9 25.4 38.0

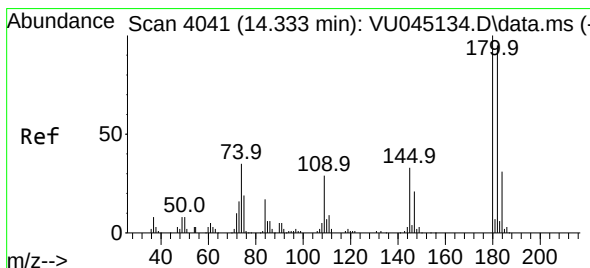
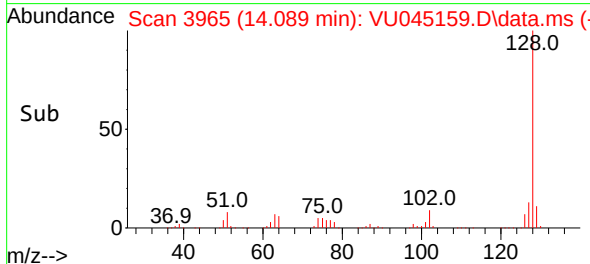
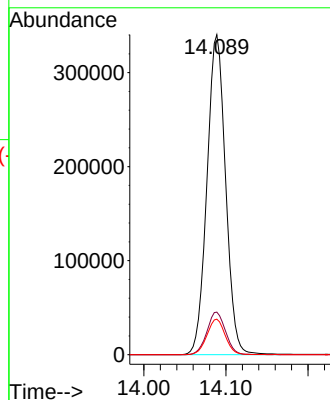
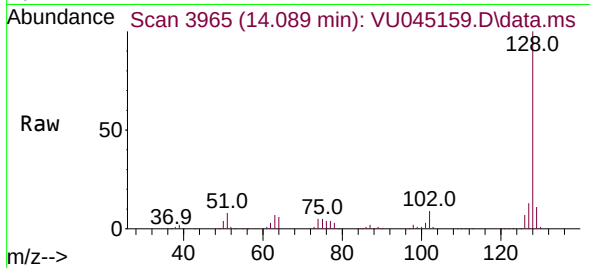




#71
Naphthalene
Concen: 60.507 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050088

Tgt Ion:	128	Resp:	538618
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.606 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045159.D
Acq: 05 Oct 2021 20:50

Tgt Ion:	180	Resp:	140890
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.8	115.2
145	33.9	26.5	39.7

