

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082721\
 Data File : VU044526.D
 Acq On : 27 Aug 2021 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 28 01:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 25 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36191	3.897	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.915	69	35410	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.571	65	17724	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.639	46	106116	41.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.620%
24) Chloroform-d	5.073	84	83342	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.710	65	44038	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.735	84	158219	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.697	67	51402	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.906	98	140765	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.185	79	19307	5.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.645	63	111149	54.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44832	5.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	49134	5.054	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58903	4.988	ug/L	100
3) Chloromethane	1.520	50	72204	4.667	ug/L	98
5) Vinyl chloride	1.607	62	72649	5.079	ug/L	98
6) Bromomethane	1.861	94	39771	5.116	ug/L	99
8) Chloroethane	1.938	64	42673	4.881	ug/L	95
9) Trichlorofluoromethane	2.144	101	82820	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	48198	5.357	ug/L	99
12) 1,1-Dichloroethene	2.587	96	45947	5.206	ug/L	90
13) Acetone	2.645	43	52175	24.462	ug/L	74
14) Carbon disulfide	2.800	76	143439	5.011	ug/L	99
15) Methyl Acetate	2.960	43	15803	4.536	ug/L	94
16) Methylene chloride	3.054	84	56336	4.296	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	118627	5.198	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48031	5.223	ug/L	99
19) 1,1-Dichloroethane	3.877	63	93709	5.257	ug/L	98
21) 2-Butanone	4.719	43	105182	34.606	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	51343	5.222	ug/L	98
23) Bromochloromethane	4.983	128	22987	5.304	ug/L	98
25) Chloroform	5.095	83	93818	5.130	ug/L	99

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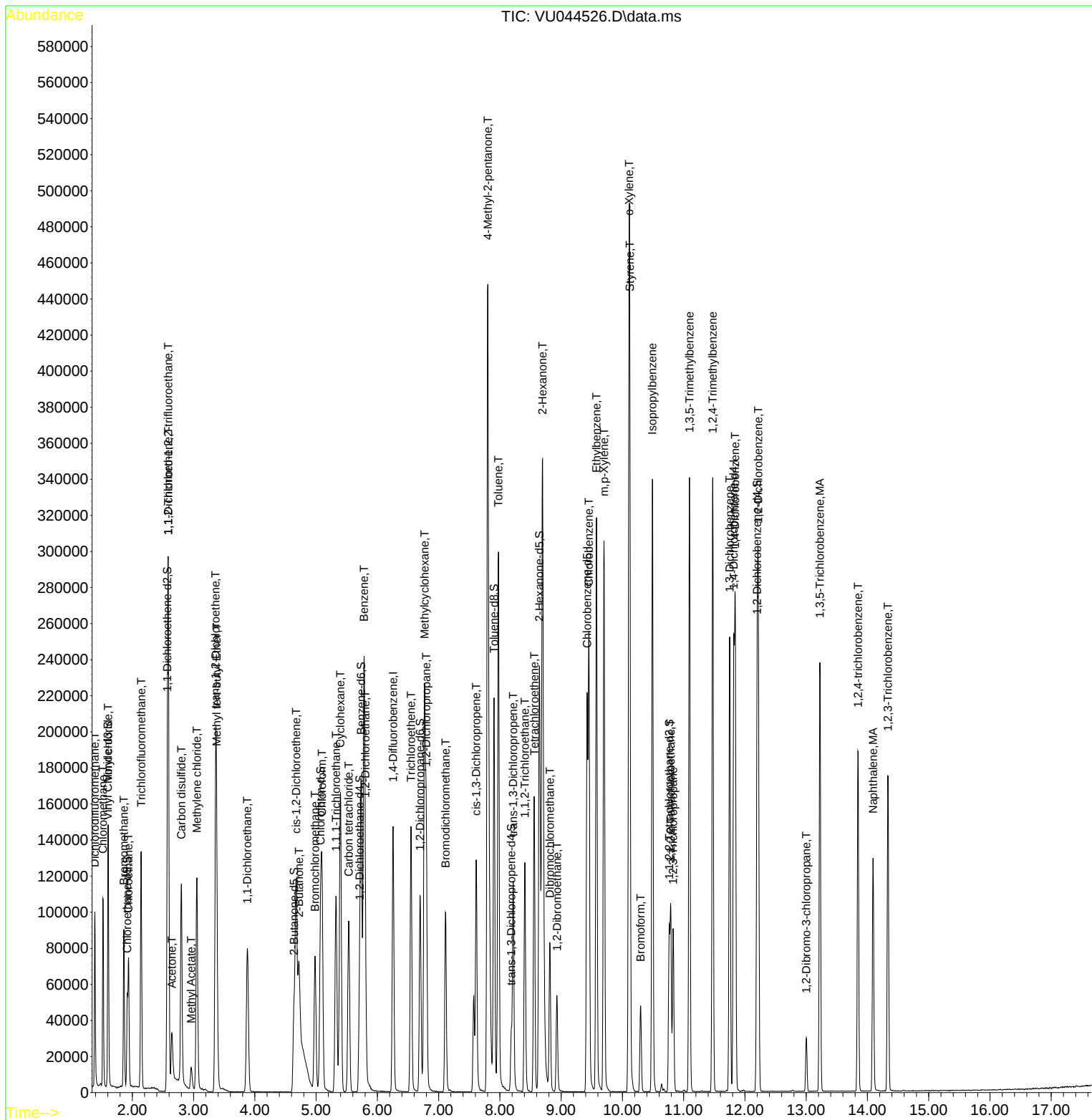
Instrument :
 MSVOA_U
 ClientSampleId :

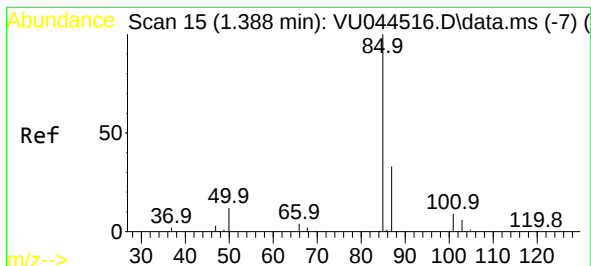
Quant Time: Aug 28 01:12:08 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62190	5.098	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	77476	5.294	ug/L	99
30) Cyclohexane	5.398	56	83527	5.163	ug/L	98
31) Carbon tetrachloride	5.533	117	63397	5.272	ug/L	99
33) Benzene	5.780	78	208876	5.265	ug/L	100
34) Trichloroethene	6.549	95	51202	5.221	ug/L	98
35) Methylcyclohexane	6.771	83	82610	5.050	ug/L	99
37) 1,2-Dichloropropane	6.799	63	54418	5.239	ug/L	99
38) Bromodichloromethane	7.111	83	67310	5.277	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	76055	5.221	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	385940	54.719	ug/L	99
42) Toluene	7.976	91	214150	5.182	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	65584	5.312	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	39737	5.364	ug/L	92
47) Tetrachloroethene	8.561	164	34871	5.142	ug/L	99
48) 2-Hexanone	8.697	43	277532	55.146	ug/L	100
49) Dibromochloromethane	8.815	129	42022	5.361	ug/L	97
50) 1,2-Dibromoethane	8.931	107	37172	5.246	ug/L	98
51) Chlorobenzene	9.452	112	128344	5.061	ug/L	99
52) Ethylbenzene	9.578	91	226023	5.178	ug/L	98
53) m,p-Xylene	9.700	106	86188	5.252	ug/L	99
54) o-Xylene	10.108	106	83759	5.240	ug/L	99
55) Styrene	10.121	104	147586	5.631	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	50983	5.227	ug/L	97
59) Bromoform	10.298	173	21164	5.206	ug/L	97
60) Isopropylbenzene	10.491	105	218587	5.205	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	38581	5.366	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	181749	5.293	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	184517	5.240	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	96120	5.213	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	96636	5.187	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	94177	5.359	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8494	5.775	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	65933	5.079	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	53538	5.262	ug/L	99
71) Naphthalene	14.092	128	101193	5.216	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	49866	5.353	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 4.988 ug/L

RT: 1.388 min Scan# 15

Delta R.T. -0.000 min

Lab File: VU044526.D

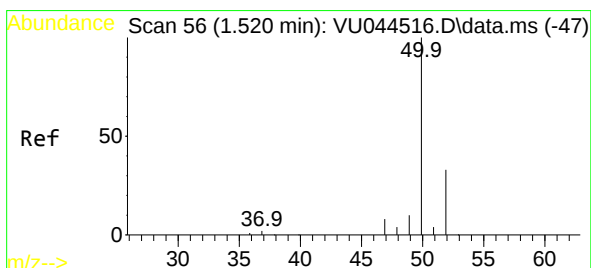
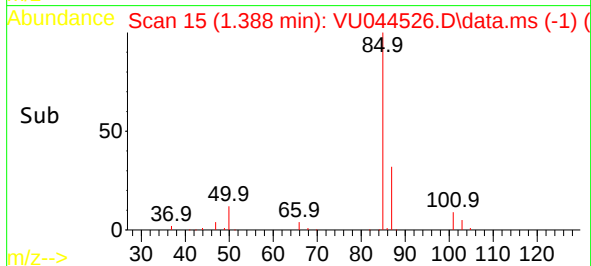
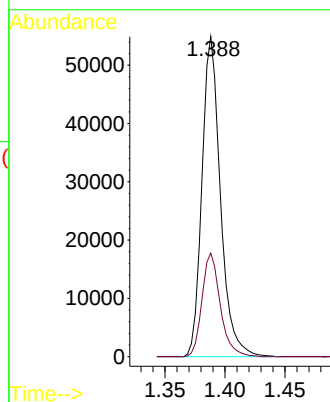
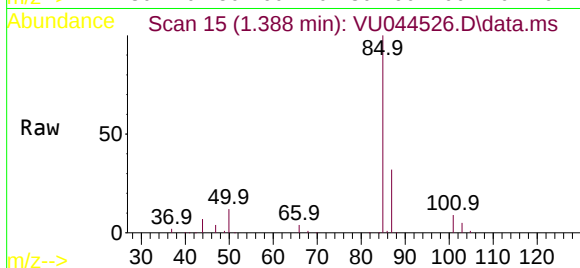
Acq: 27 Aug 2021 10:03

Tgt Ion: 85 Resp: 58903

Ion Ratio Lower Upper

85 100

87 32.0 25.7 38.5



#3

Chloromethane

Concen: 4.667 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.000 min

Lab File: VU044526.D

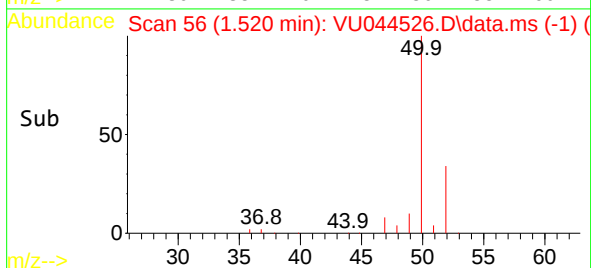
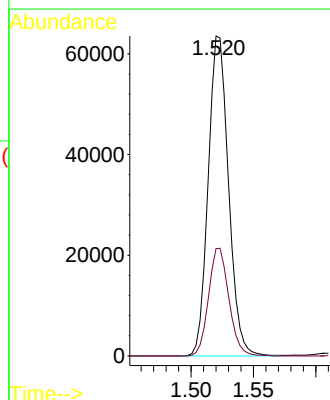
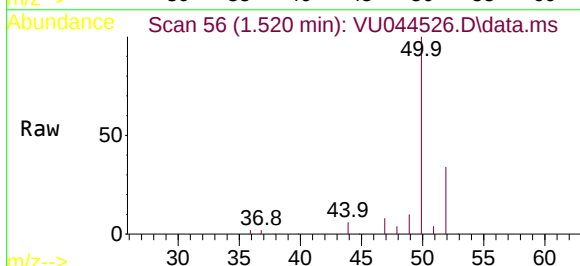
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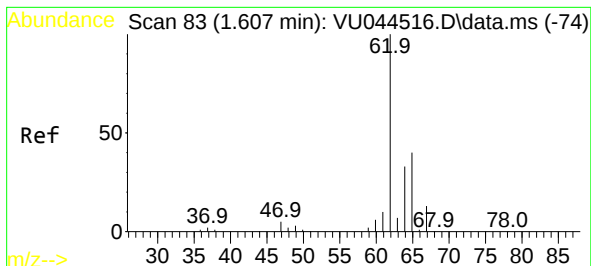
Tgt Ion: 50 Resp: 72204

Ion Ratio Lower Upper

50 100

52 33.6 22.8 42.4

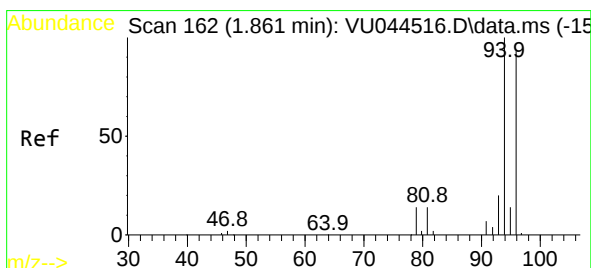
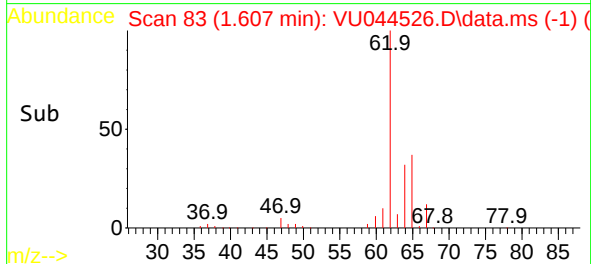
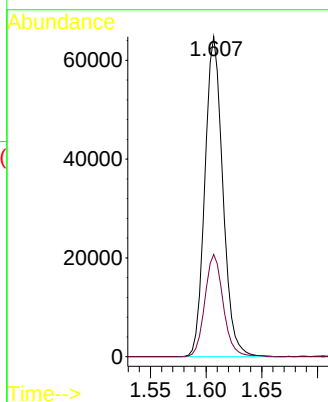
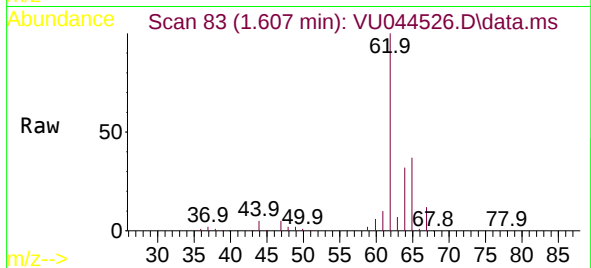




#5
 Vinyl chloride
 Concen: 5.079 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044526.D
 Acq: 27 Aug 2021 10:03

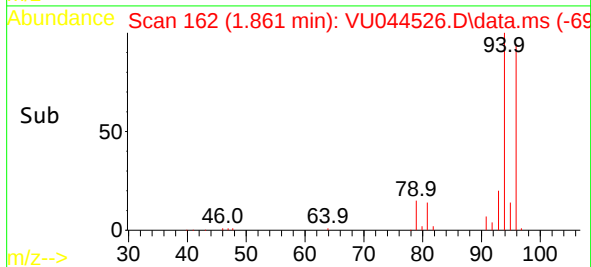
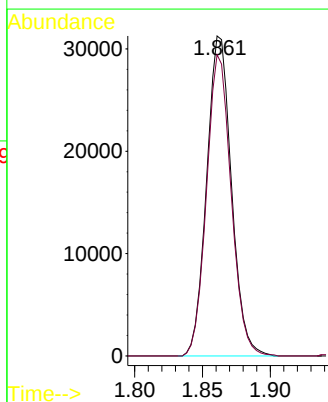
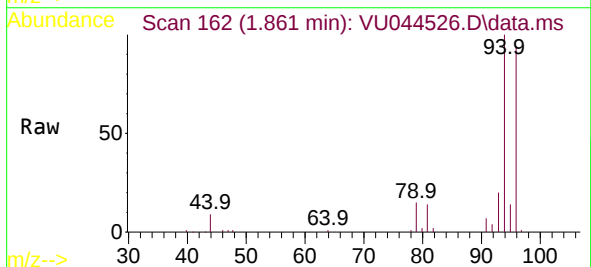
Instrument :
 MSVOA_U
 ClientSampled :

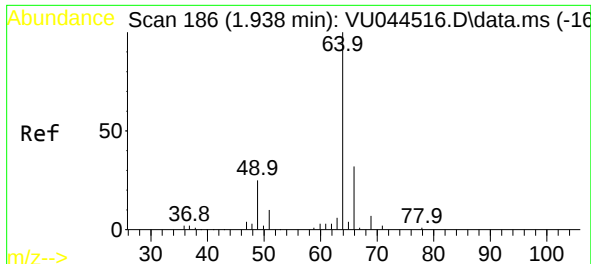
Tgt Ion: 62 Resp: 72649
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.2 43.0



#6
 Bromomethane
 Concen: 5.116 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044526.D
 Acq: 27 Aug 2021 10:03

Tgt Ion: 94 Resp: 39771
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.2 121.2

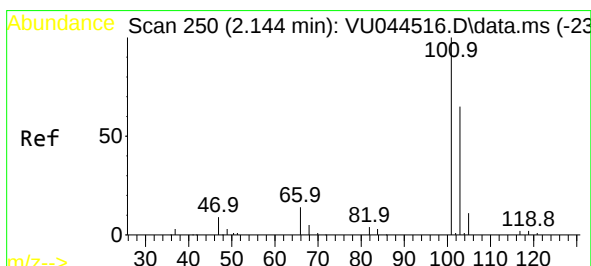
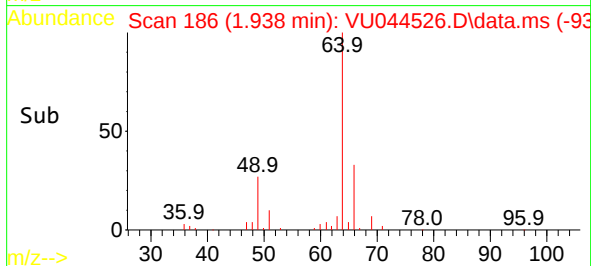
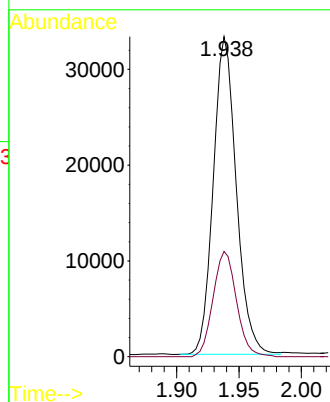
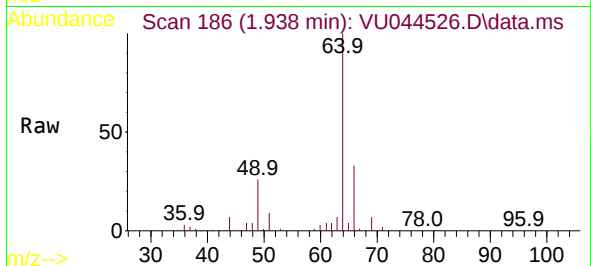




#8
Chloroethane
Concen: 4.881 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

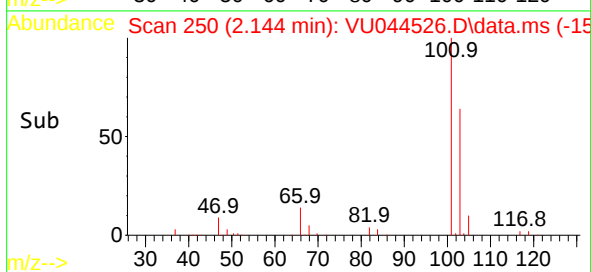
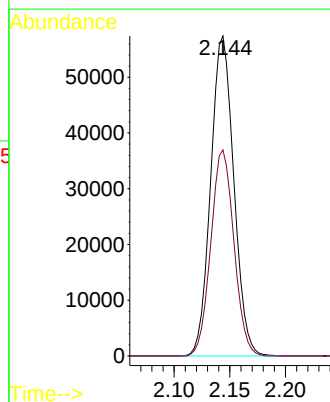
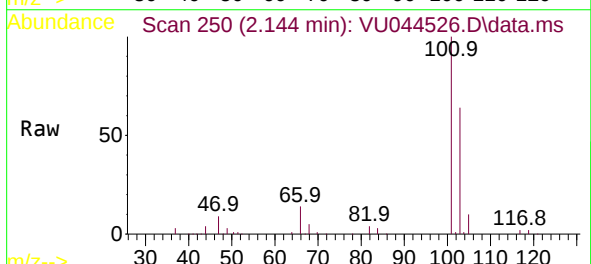
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MSVOA_U
ClientSampled :

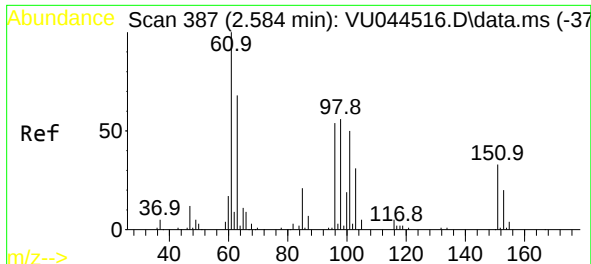
Tgt Ion: 64 Resp: 42673
Ion Ratio Lower Upper
64 100
66 32.9 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.064 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:101 Resp: 82820
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

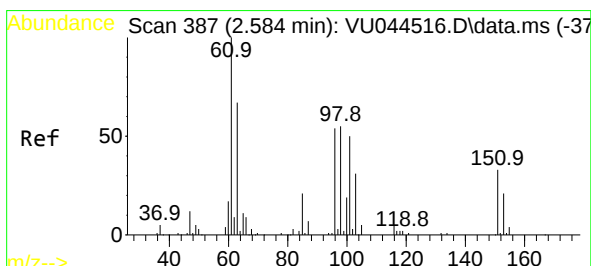
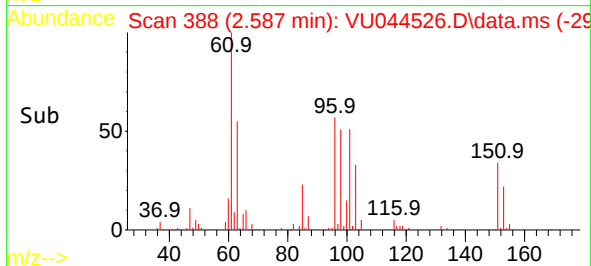
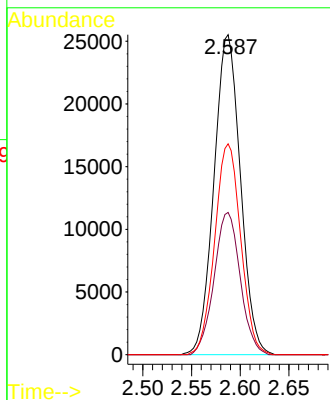
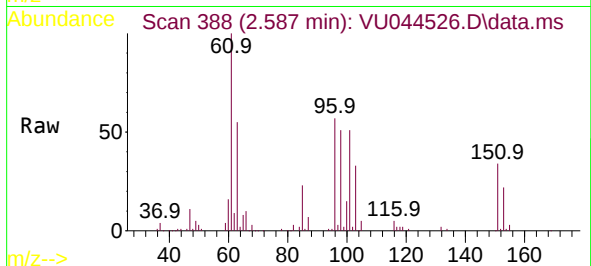




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.357 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

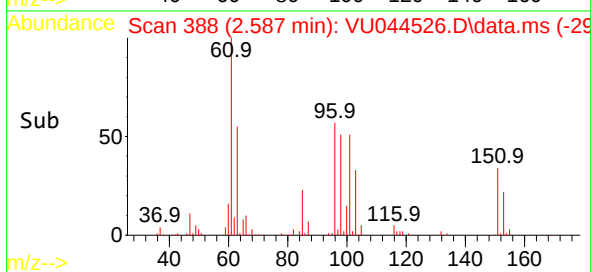
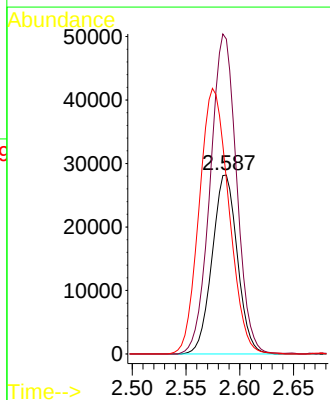
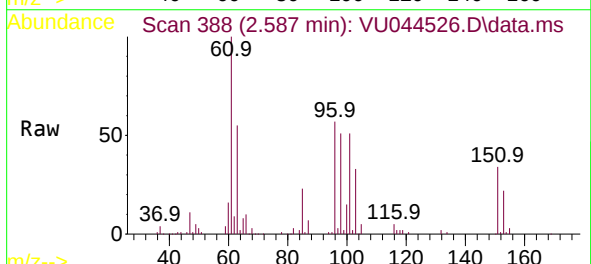
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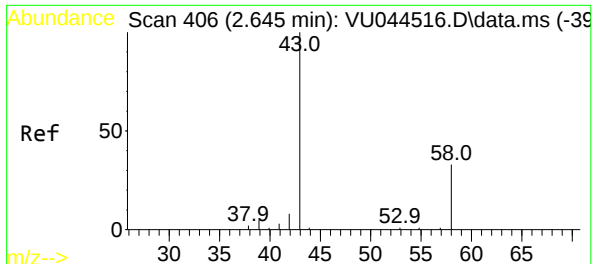
Tgt Ion:101 Resp: 48198
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 64.8 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.206 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 96 Resp: 45947
Ion Ratio Lower Upper
96 100
61 176.0 126.1 234.3
63 97.7 84.8 157.6

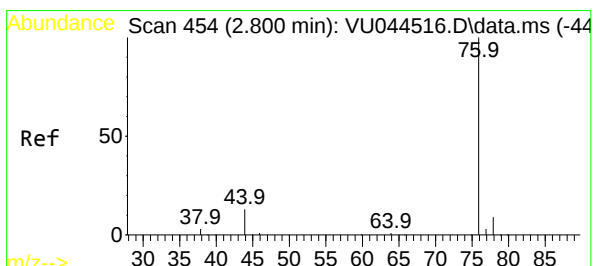
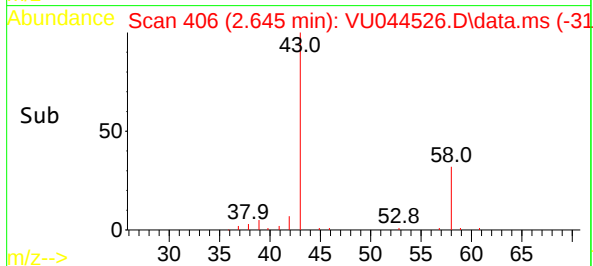
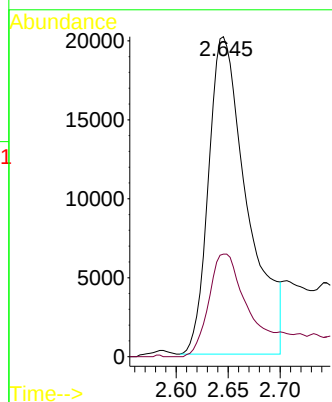
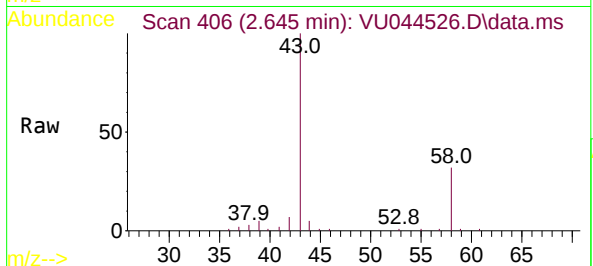




#13
Acetone
Concen: 24.462 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

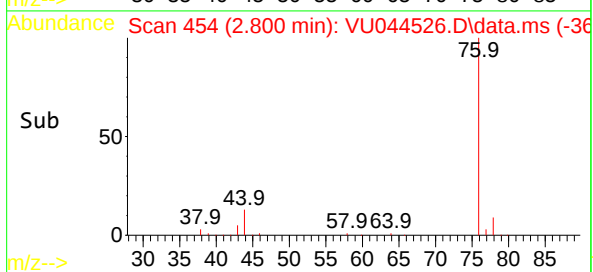
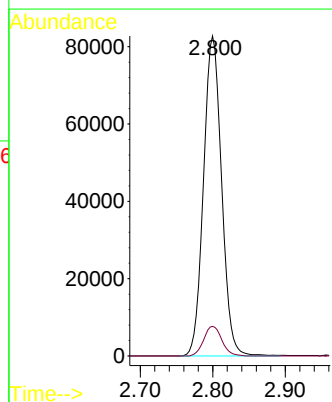
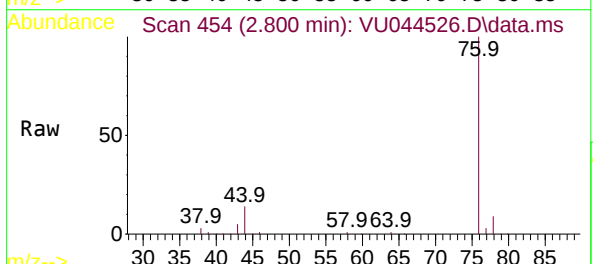
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MSVOA_U
ClientSampleId :

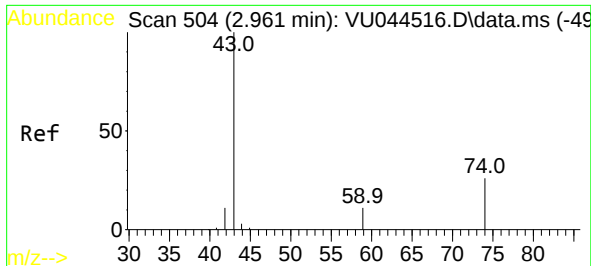
Tgt Ion: 43 Resp: 52175
Ion Ratio Lower Upper
43 100
58 35.2 0.0 45.4



#14
Carbon disulfide
Concen: 5.011 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 76 Resp: 143439
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

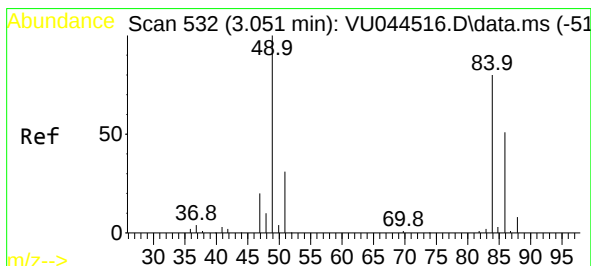
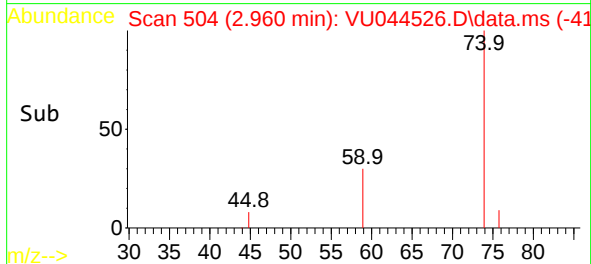
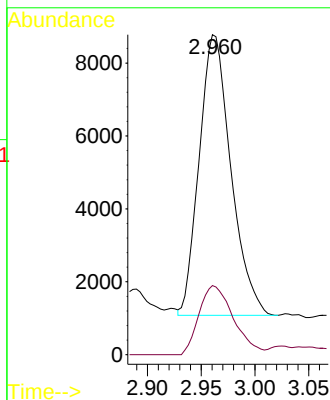
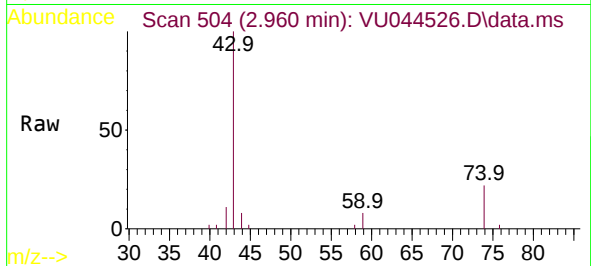




#15
Methyl Acetate
Concen: 4.536 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

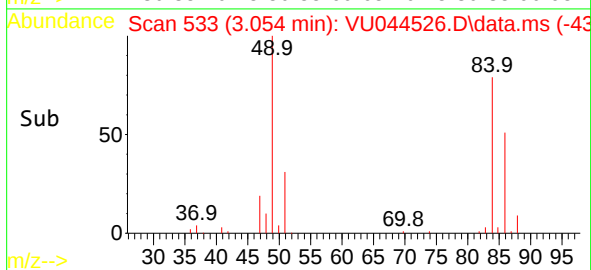
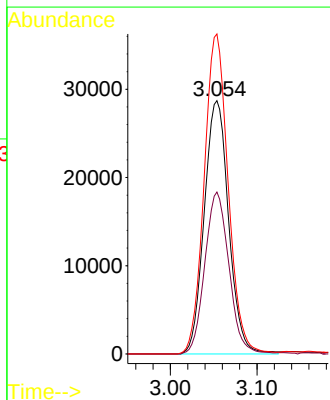
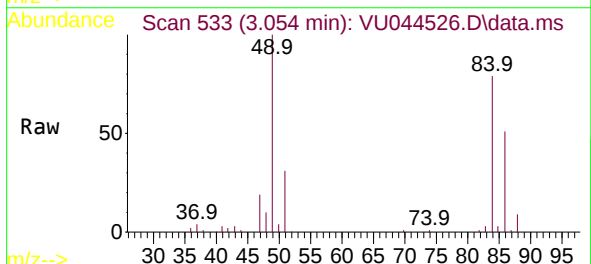
Instrument :
MSVOA_U
ClientSampleId :

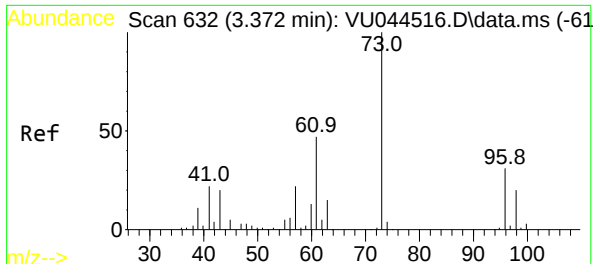
Tgt Ion: 43 Resp: 15803
Ion Ratio Lower Upper
43 100
74 26.8 19.0 28.4



#16
Methylene chloride
Concen: 4.296 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 84 Resp: 56336
Ion Ratio Lower Upper
84 100
86 63.9 45.2 84.0
49 126.3 88.8 165.0



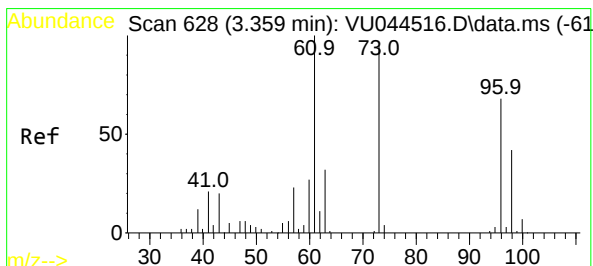
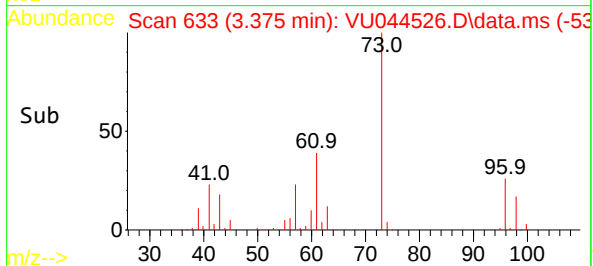
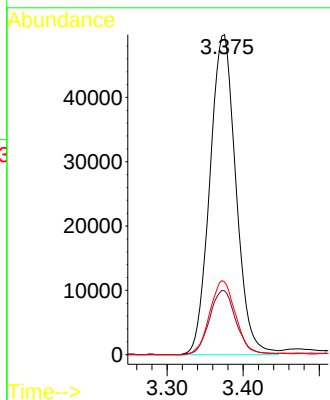
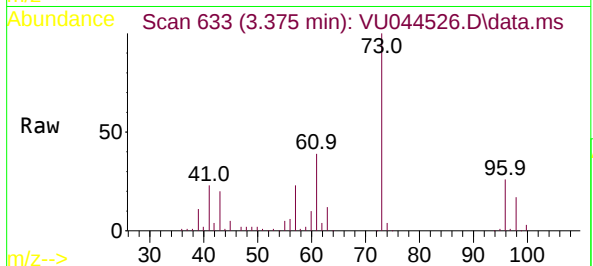


#17

Methyl tert-butyl Ether
Concen: 5.198 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampleId :

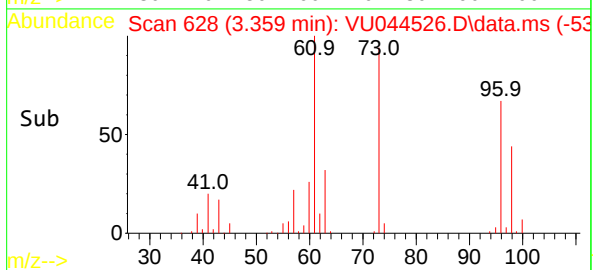
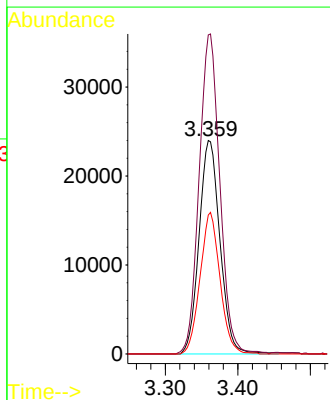
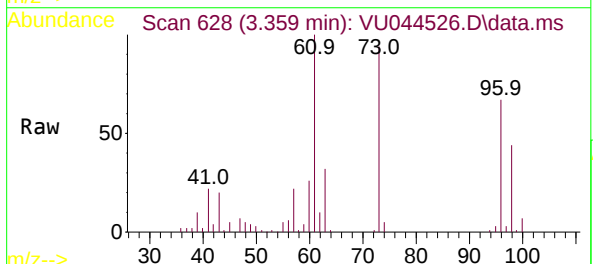
Tgt Ion: 73 Resp: 118627
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.4
57 23.0 17.8 26.8

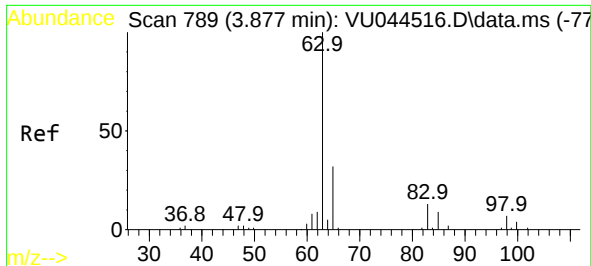


#18

trans-1,2-Dichloroethene
Concen: 5.223 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 96 Resp: 48031
Ion Ratio Lower Upper
96 100
61 149.4 103.7 192.5
98 65.0 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.257 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU044526.D

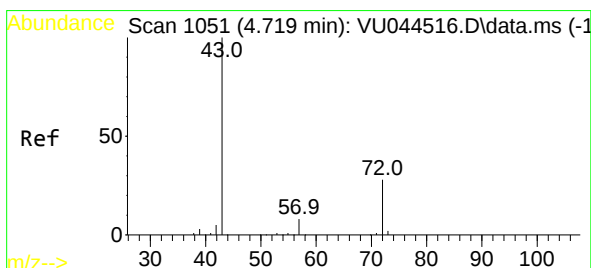
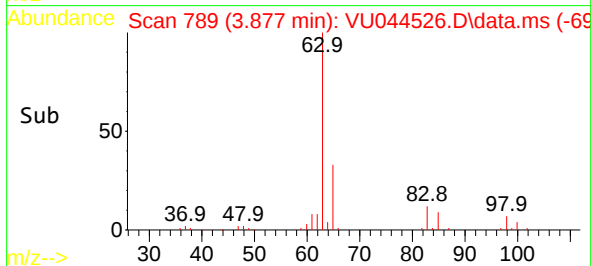
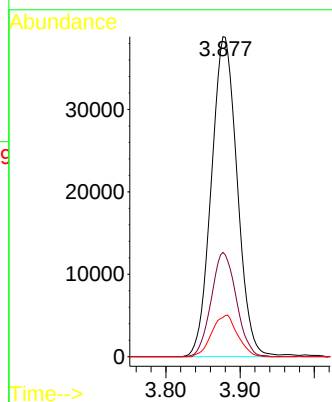
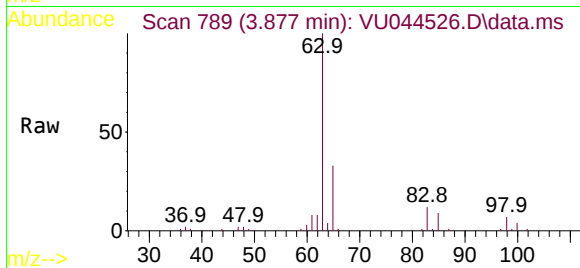
Acq: 27 Aug 2021 10:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	93709
Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.4	43.6
83	12.2	9.0	16.6



#21

2-Butanone

Concen: 34.606 ug/L

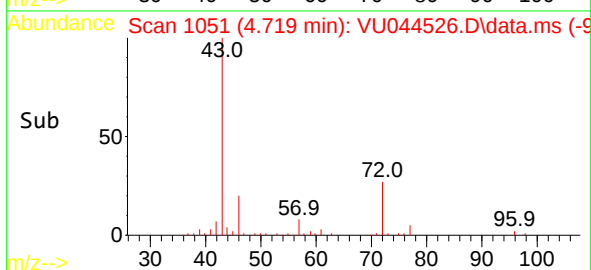
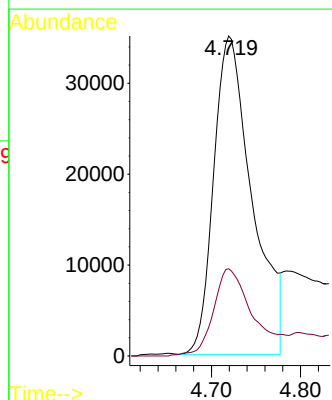
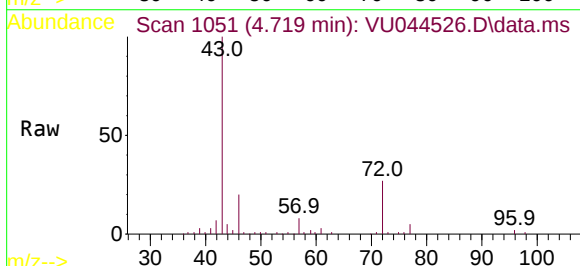
RT: 4.719 min Scan# 1051

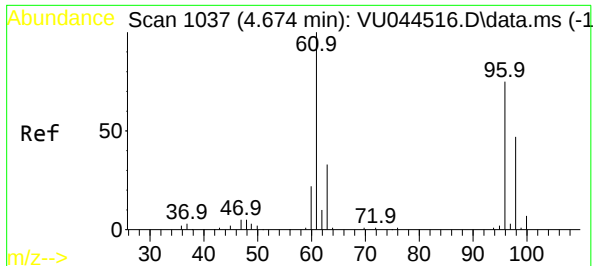
Delta R.T. -0.000 min

Lab File: VU044526.D

Acq: 27 Aug 2021 10:03

Tgt Ion:	43	Resp:	105182
Ion	Ratio	Lower	Upper
43	100		
72	28.9	14.1	42.4

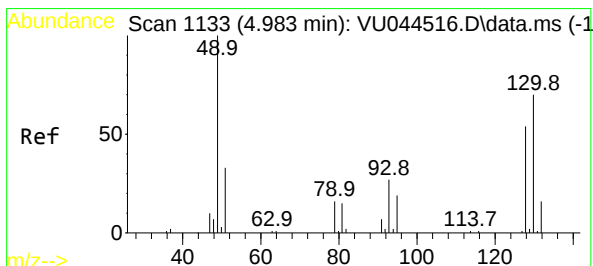
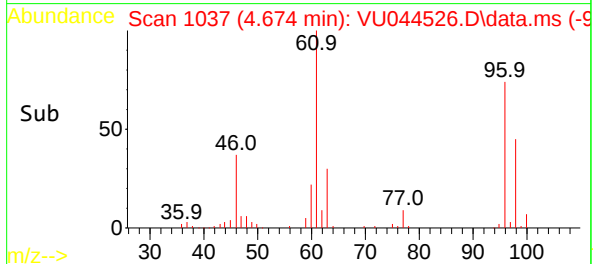
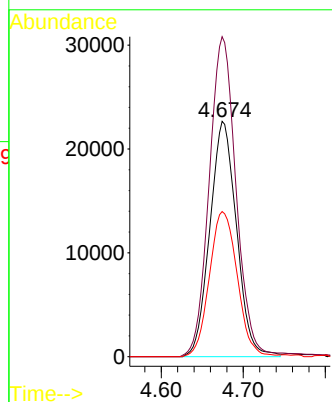
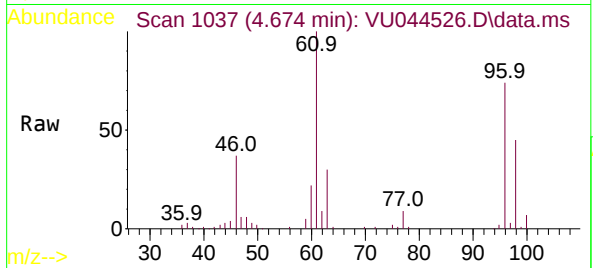




#22
cis-1,2-Dichloroethene
Concen: 5.222 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

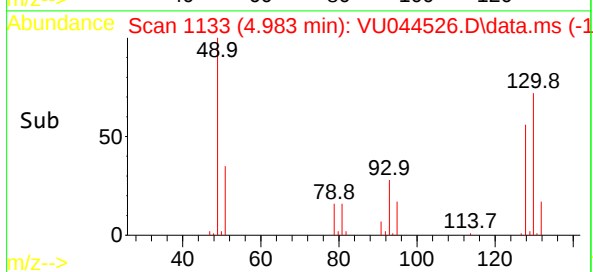
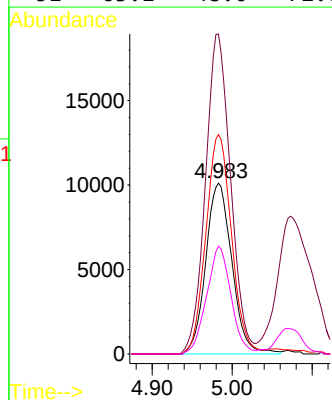
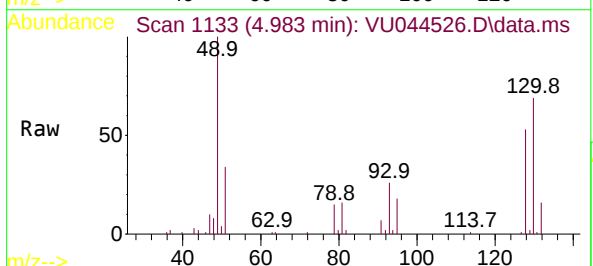
Instrument :
MSVOA_U
ClientSampleId :

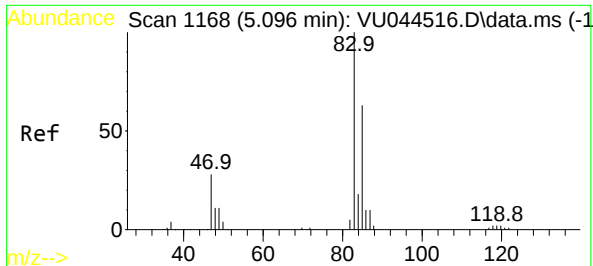
Tgt Ion: 96 Resp: 51343
Ion Ratio Lower Upper
96 100
61 136.0 93.9 174.5
98 61.6 44.7 83.1



#23
Bromochloromethane
Concen: 5.304 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:128 Resp: 22987
Ion Ratio Lower Upper
128 100
49 187.2 128.1 237.9
130 128.3 89.2 165.8
51 63.1 48.0 72.0





#25

Chloroform

Concen: 5.130 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044526.D

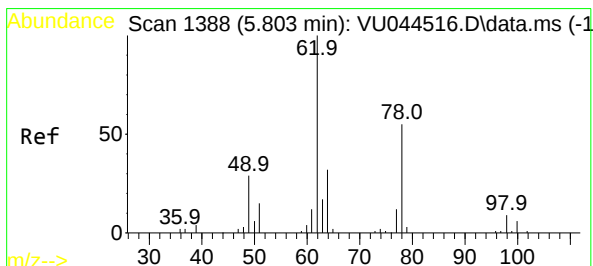
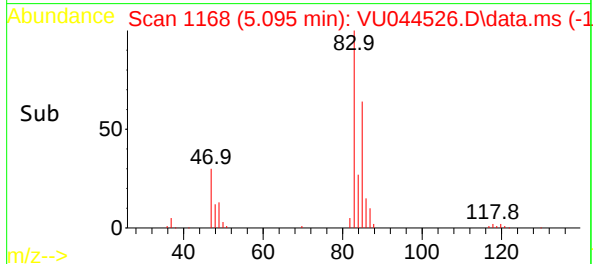
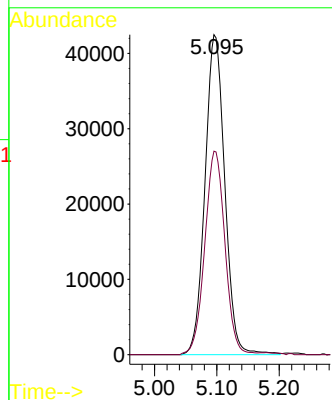
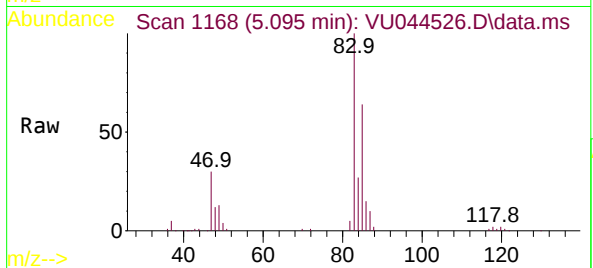
Acq: 27 Aug 2021 10:03

Tgt Ion: 83 Resp: 93818

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.098 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU044526.D

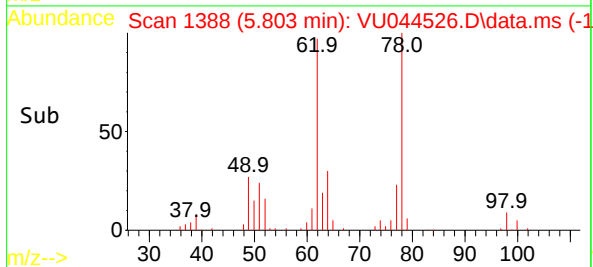
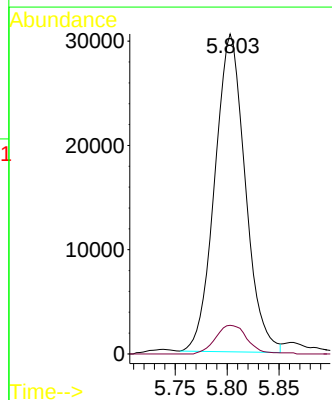
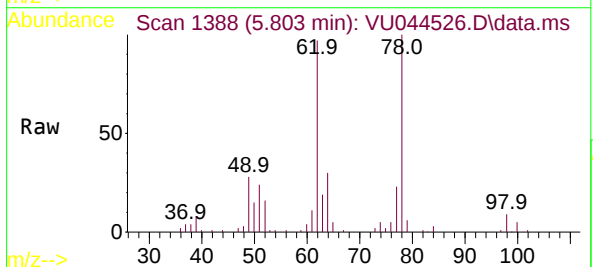
Acq: 27 Aug 2021 10:03

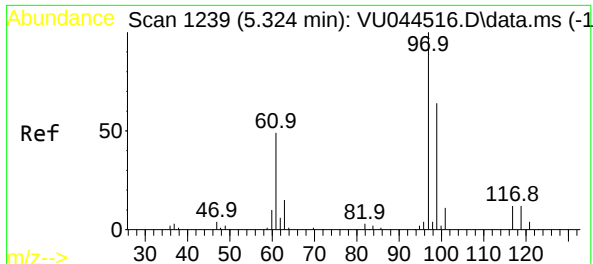
Tgt Ion: 62 Resp: 62190

Ion Ratio Lower Upper

62 100

98 8.9 8.0 12.0



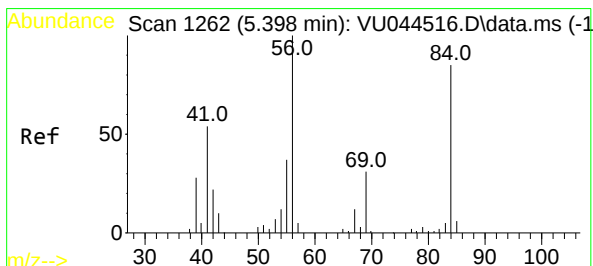
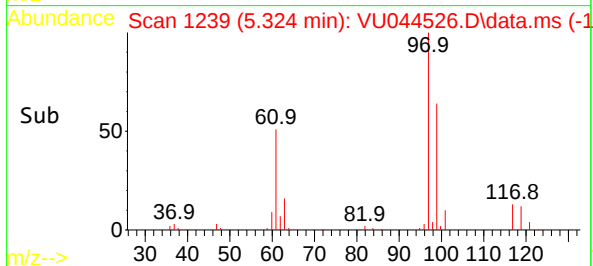
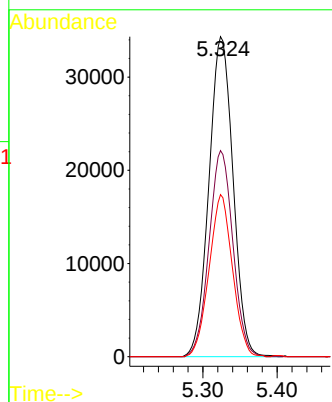
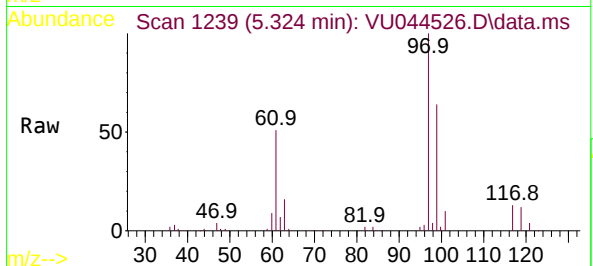


#29

1,1,1-Trichloroethane
Concen: 5.294 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampled :

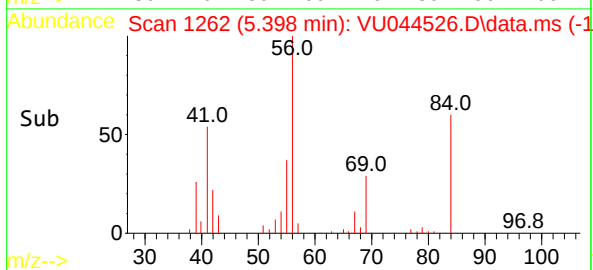
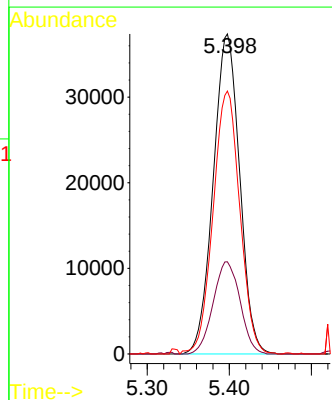
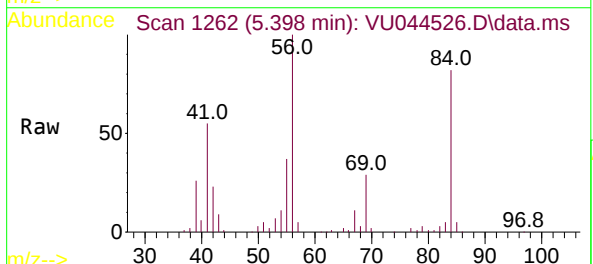
Tgt Ion: 97 Resp: 77476
Ion Ratio Lower Upper
97 100
99 63.7 52.5 78.7
61 49.0 39.2 58.8

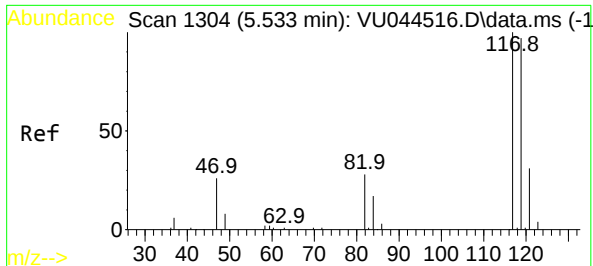


#30

Cyclohexane
Concen: 5.163 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 56 Resp: 83527
Ion Ratio Lower Upper
56 100
69 29.3 24.3 36.5
84 83.1 68.4 102.6

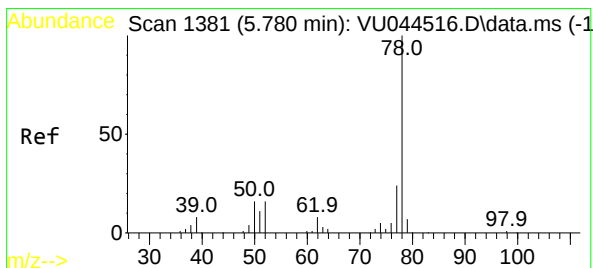
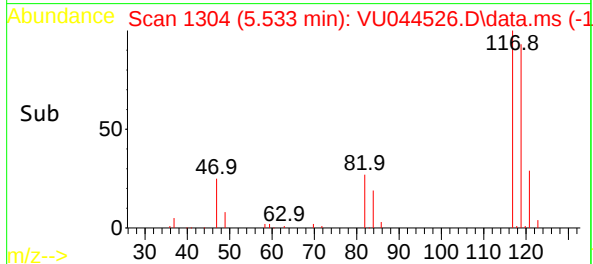
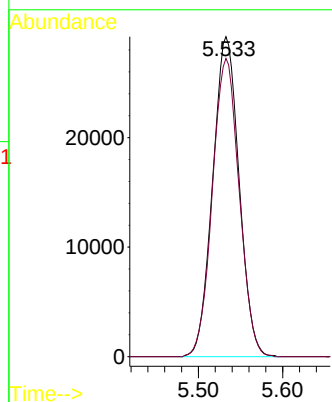
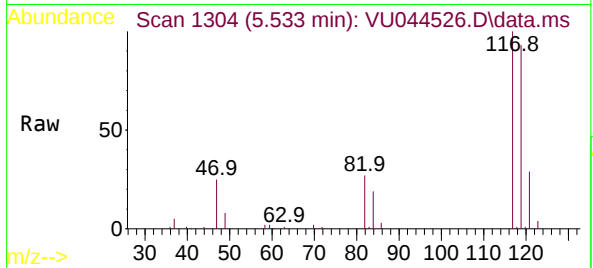




#31
Carbon tetrachloride
Concen: 5.272 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

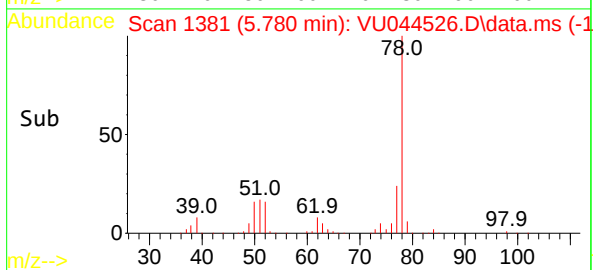
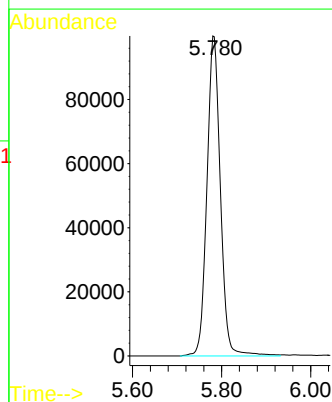
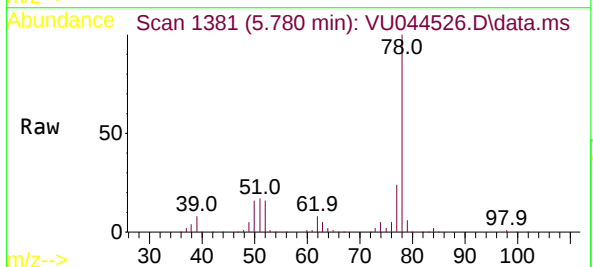
Instrument :
MSVOA_U
ClientSampled :

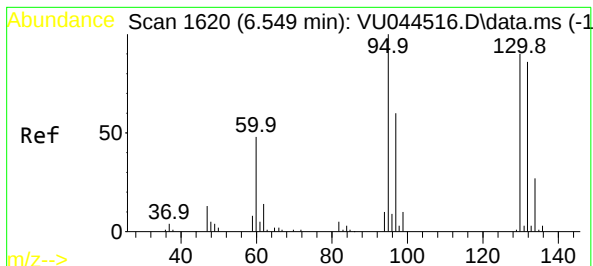
Tgt Ion:117 Resp: 63397
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8



#33
Benzene
Concen: 5.265 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 78 Resp: 208876

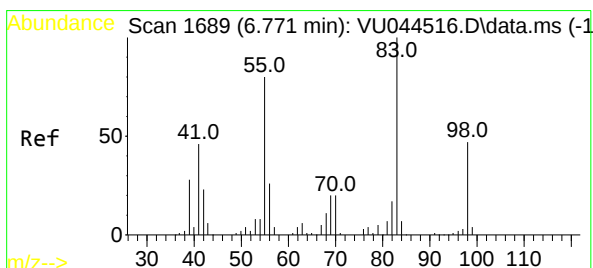
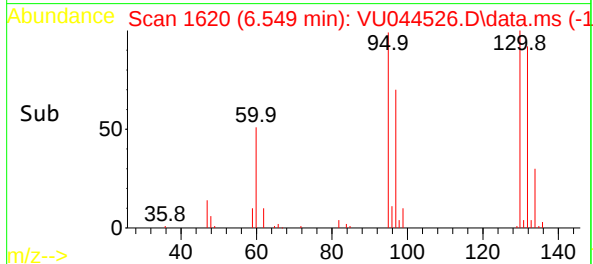
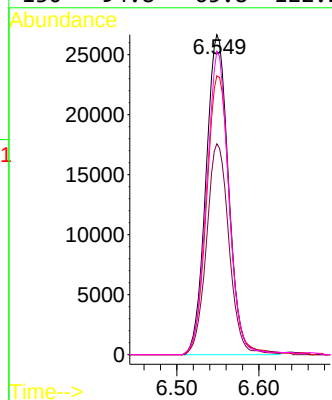
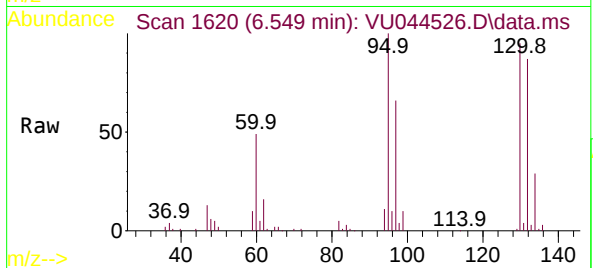




#34
Trichloroethene
Concen: 5.221 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

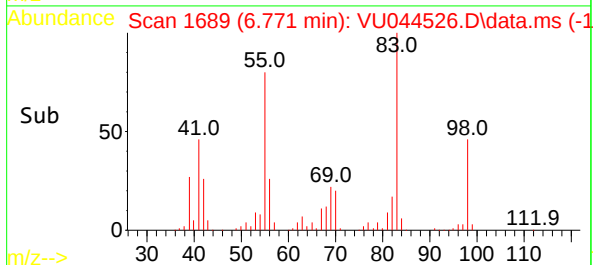
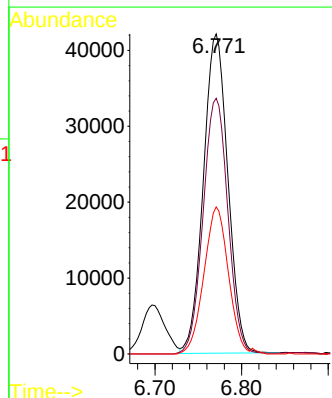
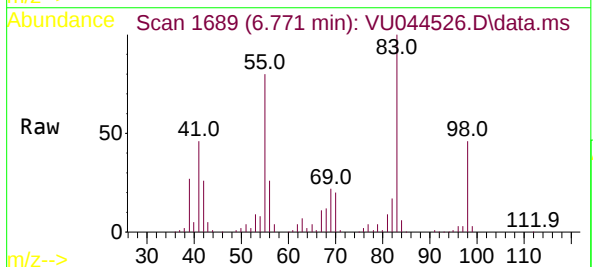
Instrument :
MSVOA_U
ClientSampled :

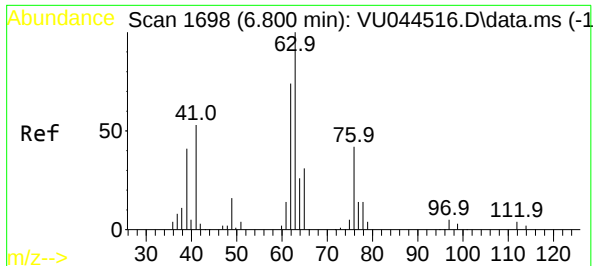
Tgt Ion: 95 Resp: 51202
Ion Ratio Lower Upper
95 100
97 65.9 45.6 84.8
132 87.2 63.4 117.8
130 94.8 65.8 122.2



#35
Methylcyclohexane
Concen: 5.050 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 83 Resp: 82610
Ion Ratio Lower Upper
83 100
55 81.2 64.8 97.2
98 45.9 37.5 56.3



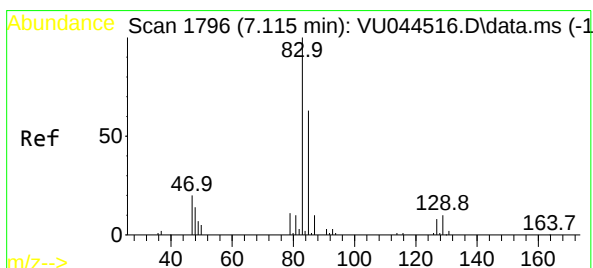
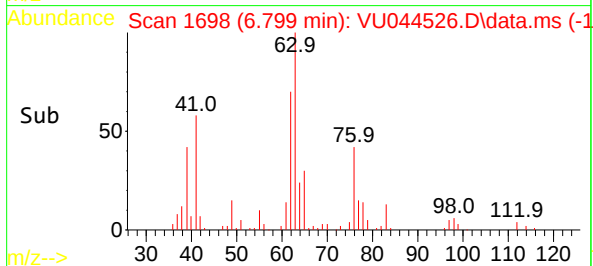
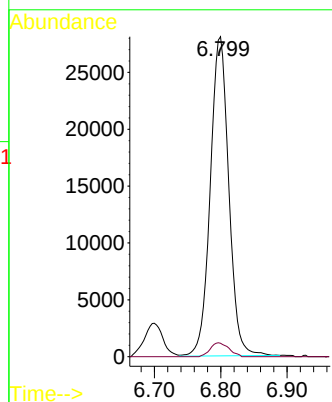
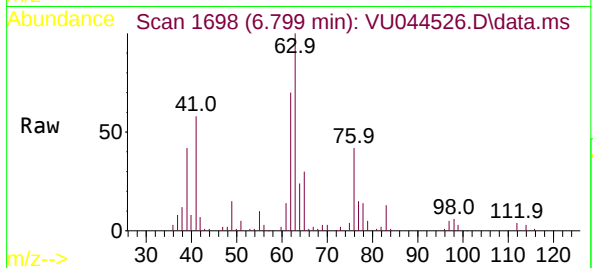


#37

1,2-Dichloropropane
Concen: 5.239 ug/L
RT: 6.799 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampled :

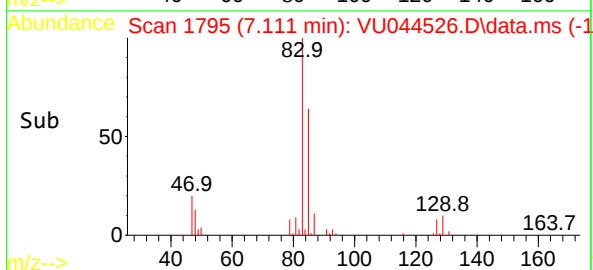
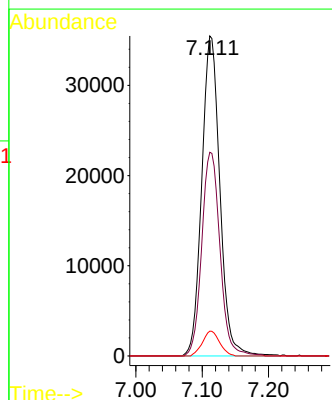
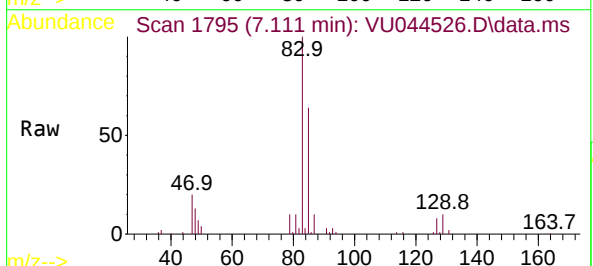
Tgt Ion: 63 Resp: 54418
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9

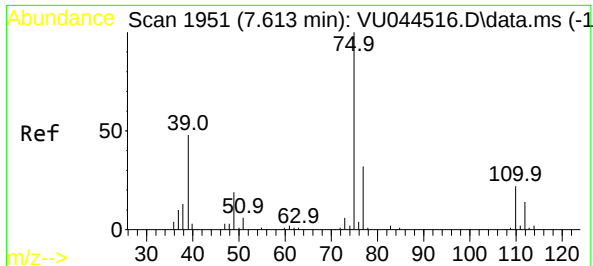


#38

Bromodichloromethane
Concen: 5.277 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 83 Resp: 67310
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 7.8 5.9 8.9

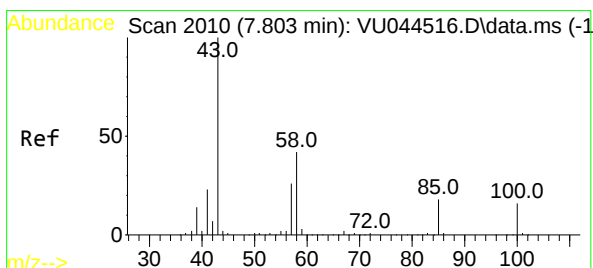
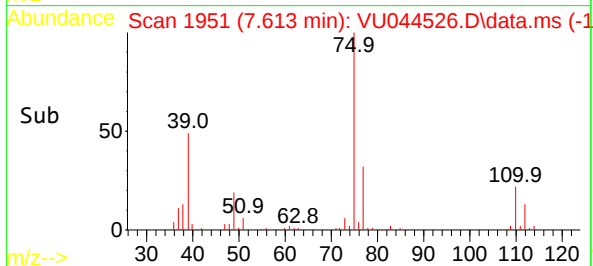
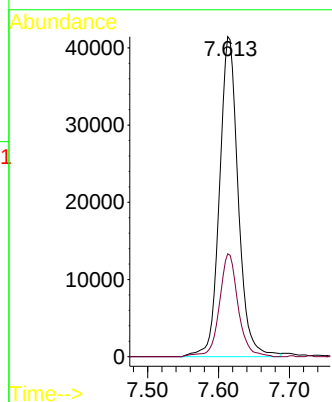
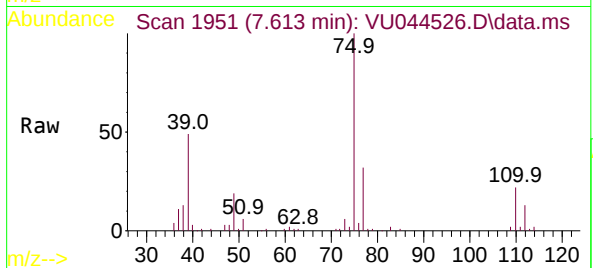




#39
cis-1,3-Dichloropropene
Concen: 5.221 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

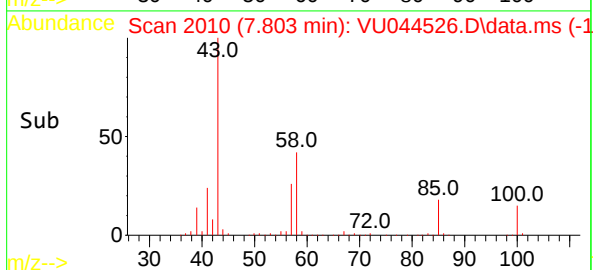
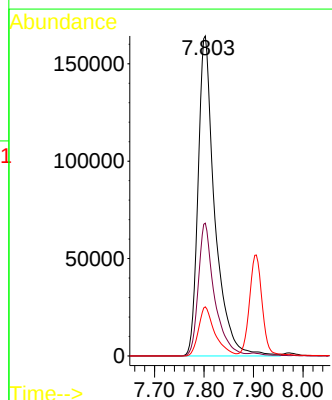
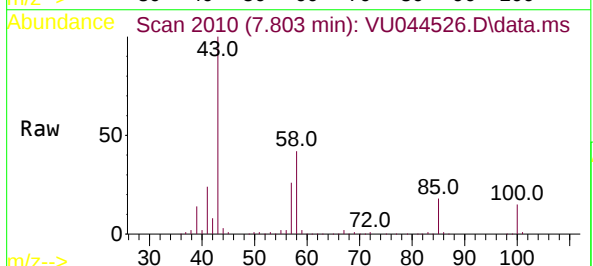
Instrument :
MSVOA_U
ClientSampled :

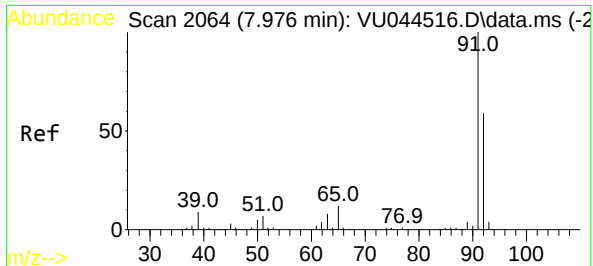
Tgt Ion: 75 Resp: 76055
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 54.719 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 43 Resp: 385940
Ion Ratio Lower Upper
43 100
58 40.1 32.5 48.7
100 15.0 12.3 18.5

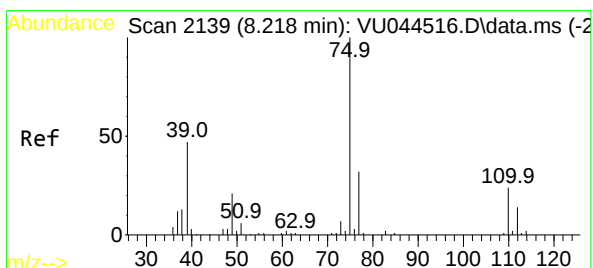
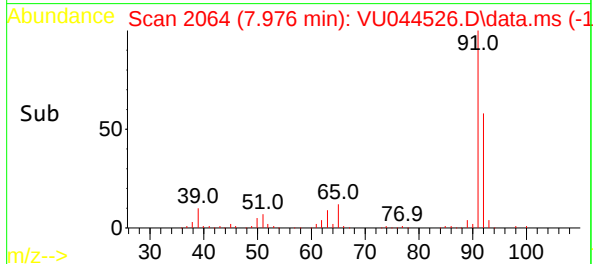
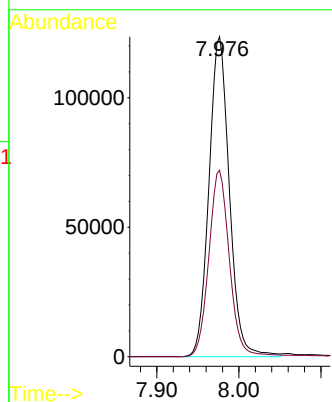
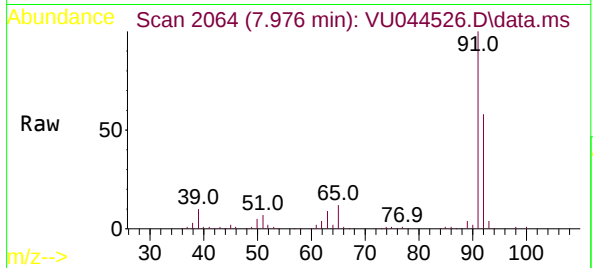




#42
Toluene
Concen: 5.182 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

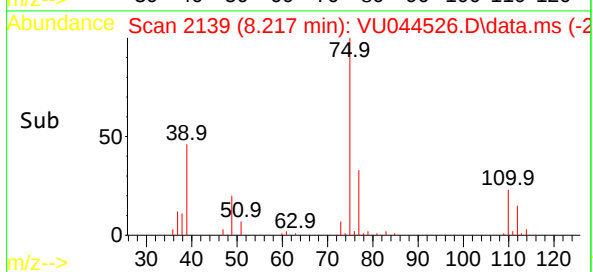
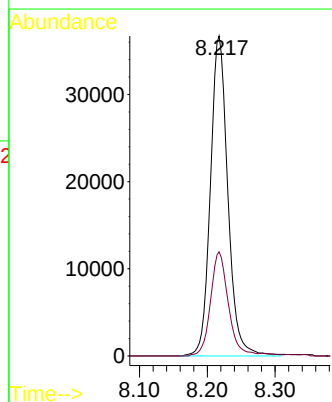
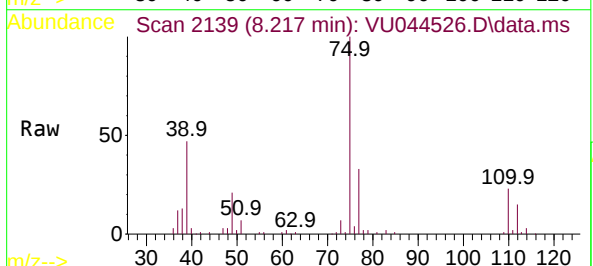
Instrument :
MSVOA_U
ClientSampled :

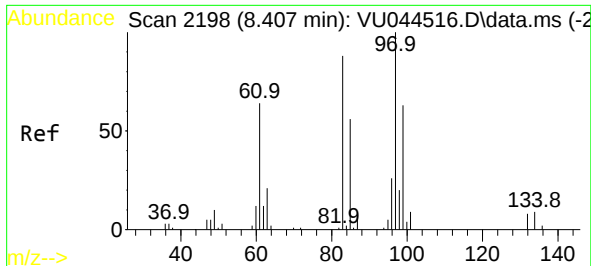
Tgt Ion: 91 Resp: 214150
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.312 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 75 Resp: 65584
Ion Ratio Lower Upper
75 100
77 32.6 21.6 40.2



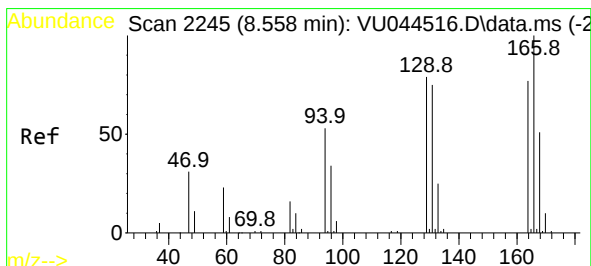
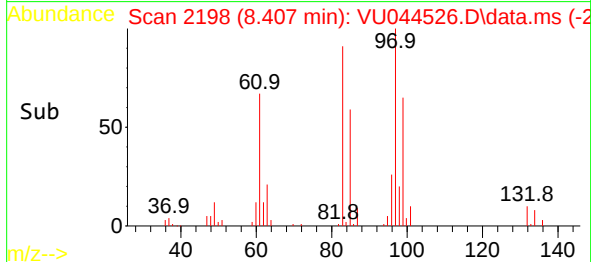
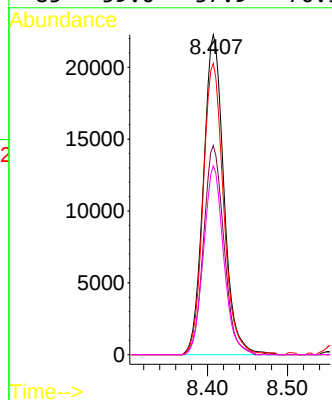
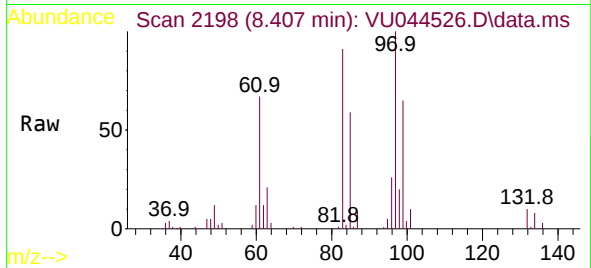


#45
1,1,2-Trichloroethane
Concen: 5.364 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 39737

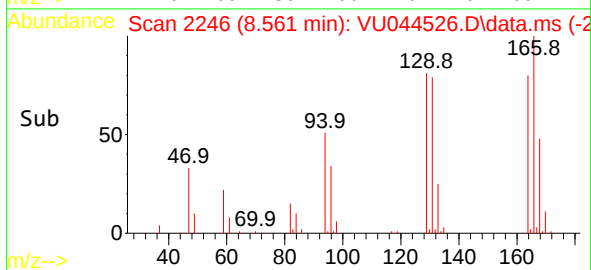
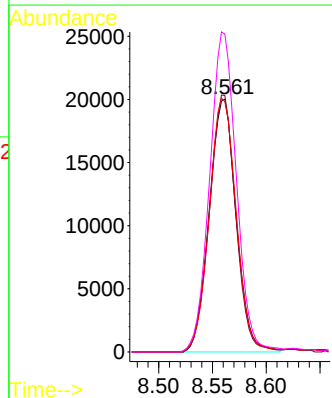
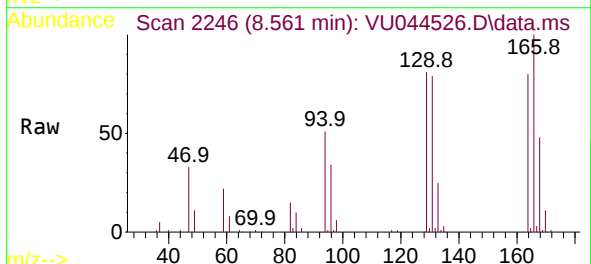
Ion	Ratio	Lower	Upper
97	100		
99	65.4	41.3	76.7
83	91.1	58.6	108.8
85	59.0	37.9	70.5

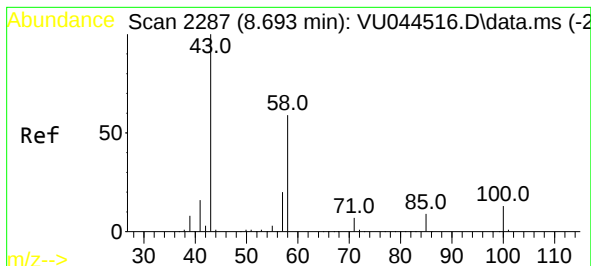


#47
Tetrachloroethene
Concen: 5.142 ug/L
RT: 8.561 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 164 Resp: 34871

Ion	Ratio	Lower	Upper
164	100		
129	101.4	71.0	131.8
131	99.0	68.0	126.4
166	125.8	89.0	165.4



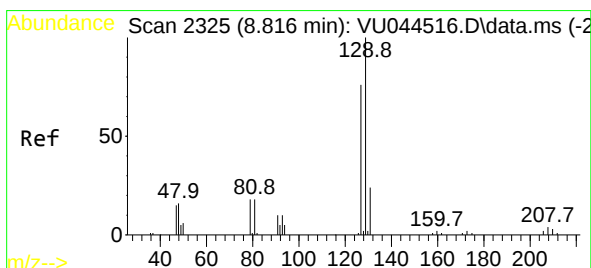
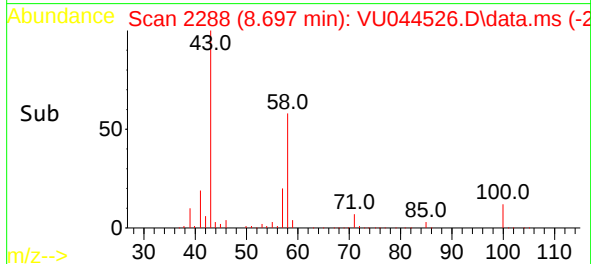
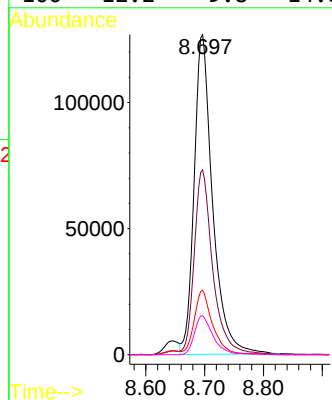
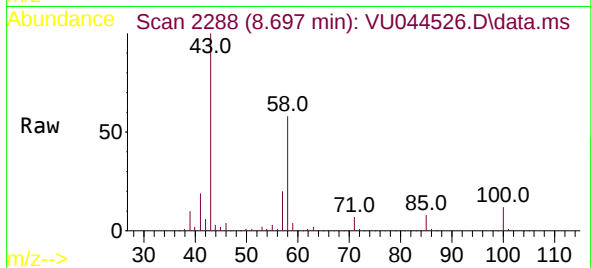


#48
2-Hexanone
Concen: 55.146 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 277532

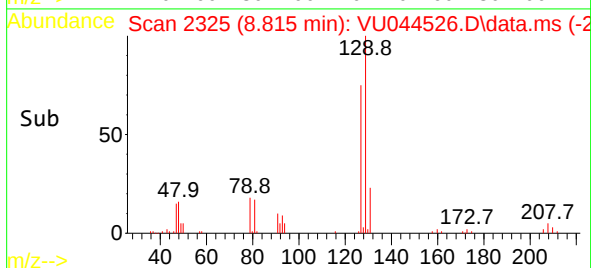
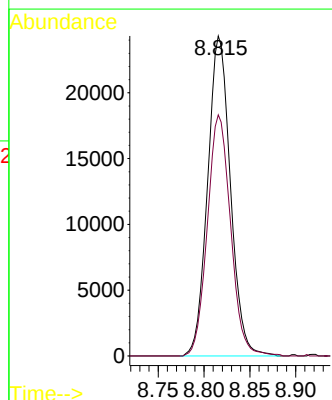
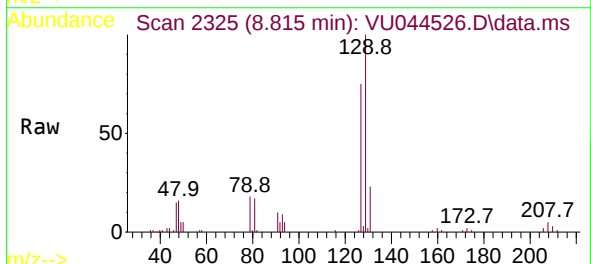
Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.5	69.7
57	20.2	15.8	23.8
100	12.2	9.8	14.8

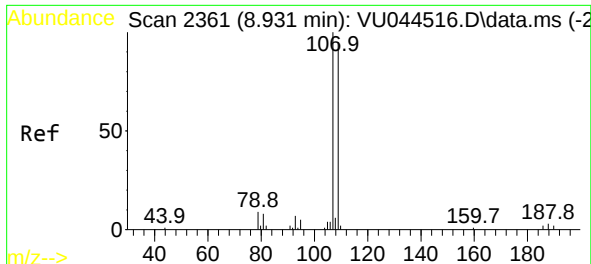


#49
Dibromochloromethane
Concen: 5.361 ug/L
RT: 8.815 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 129 Resp: 42022

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.246 ug/L

RT: 8.931 min Scan# 2361

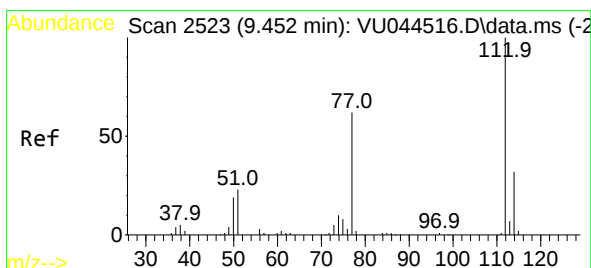
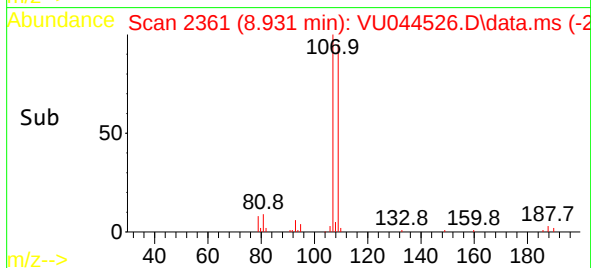
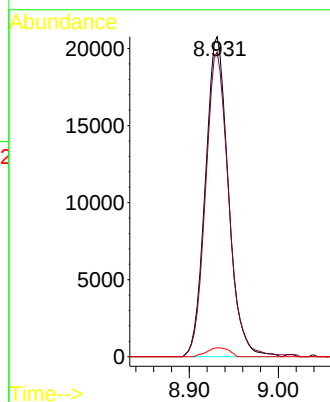
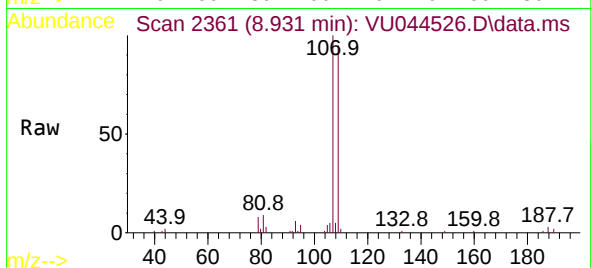
Delta R.T. -0.000 min

Lab File: VU044526.D

Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	37172
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.2	121.0
188	2.8	2.4	3.6



#51

Chlorobenzene

Concen: 5.061 ug/L

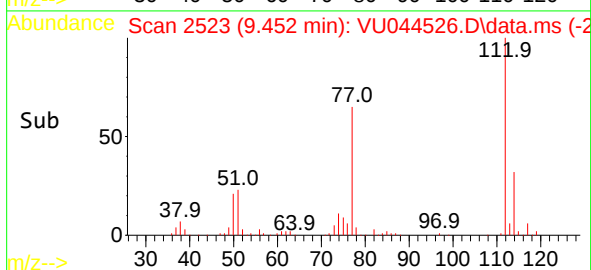
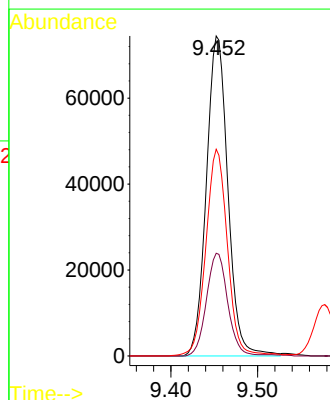
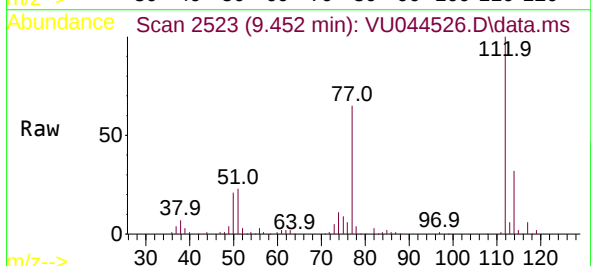
RT: 9.452 min Scan# 2523

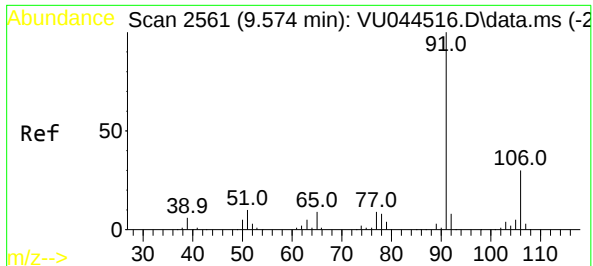
Delta R.T. -0.000 min

Lab File: VU044526.D

Acq: 27 Aug 2021 10:03

Tgt Ion:	112	Resp:	128344
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.1
77	64.6	51.3	76.9

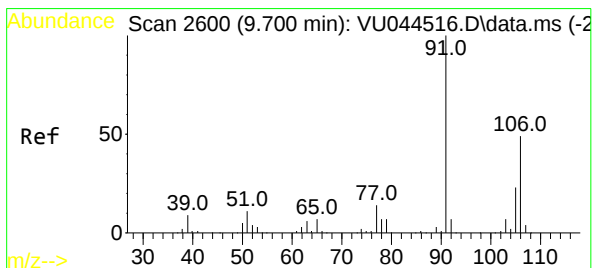
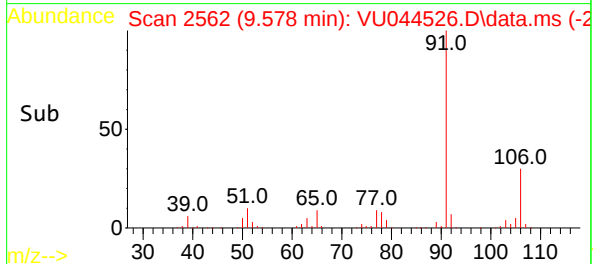
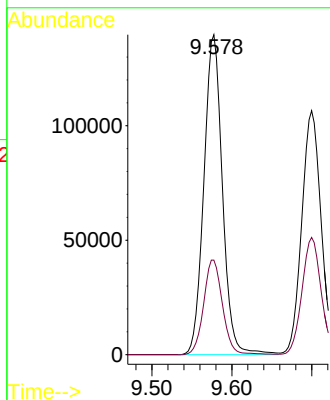
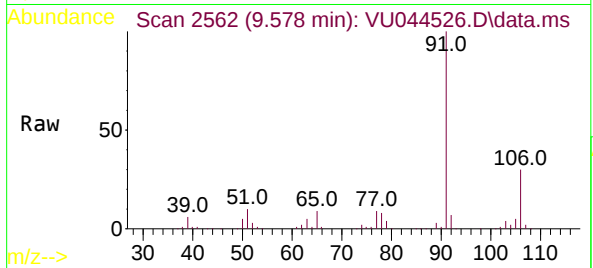




#52
Ethylbenzene
Concen: 5.178 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

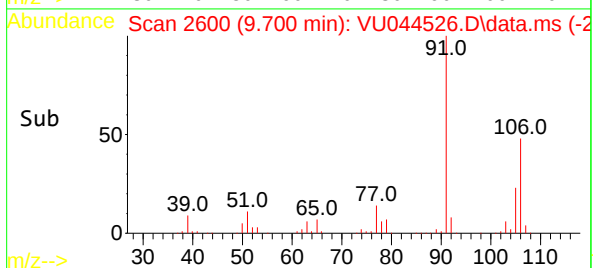
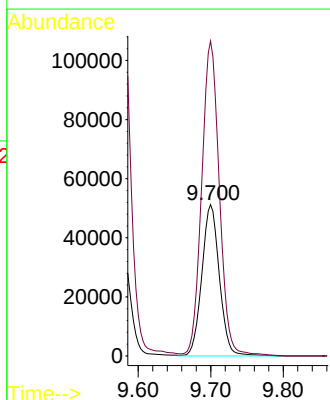
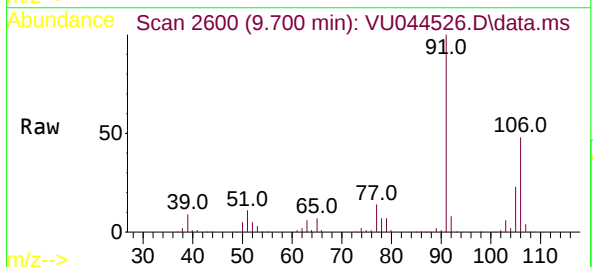
Instrument :
MSVOA_U
ClientSampled :

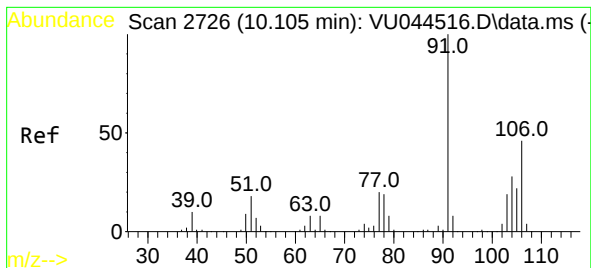
Tgt Ion: 91 Resp: 226023
Ion Ratio Lower Upper
91 100
106 29.6 21.3 39.6



#53
m,p-Xylene
Concen: 5.252 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion: 106 Resp: 86188
Ion Ratio Lower Upper
106 100
91 207.9 146.2 271.6

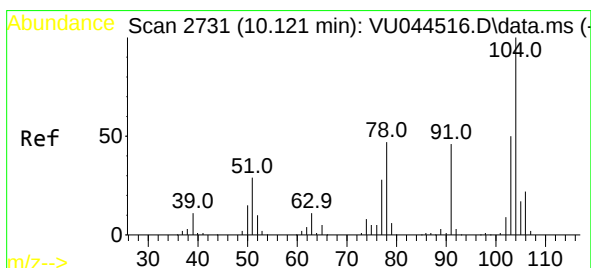
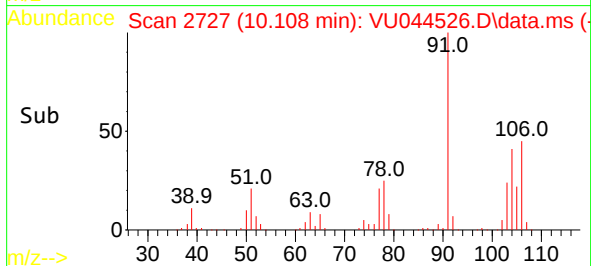
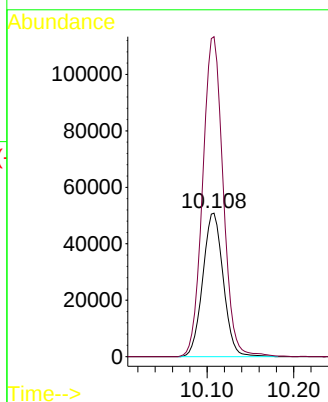
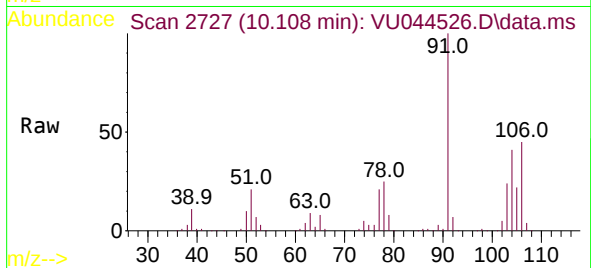




#54
o-Xylene
Concen: 5.240 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

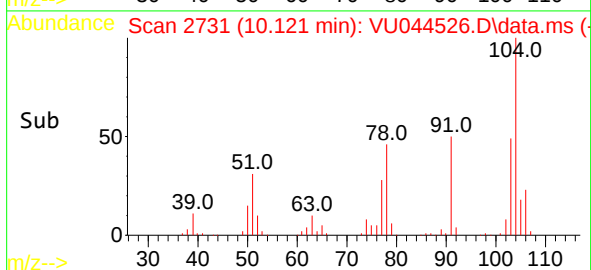
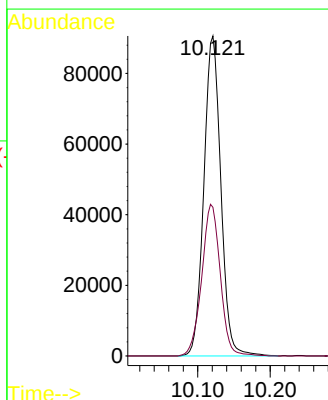
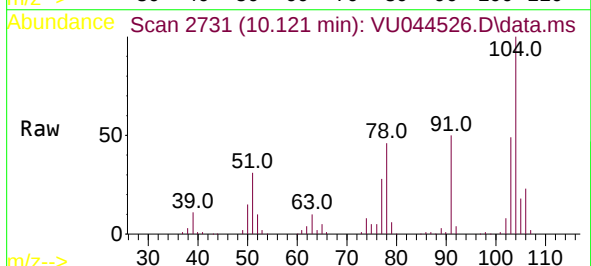
Instrument :
MSVOA_U
ClientSampled :

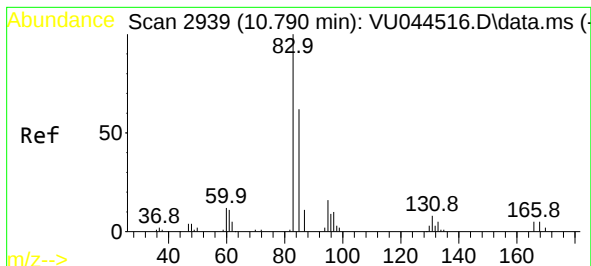
Tgt Ion:106 Resp: 83759
Ion Ratio Lower Upper
106 100
91 223.0 154.4 286.8



#55
Styrene
Concen: 5.631 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:104 Resp: 147586
Ion Ratio Lower Upper
104 100
78 46.4 32.6 60.5

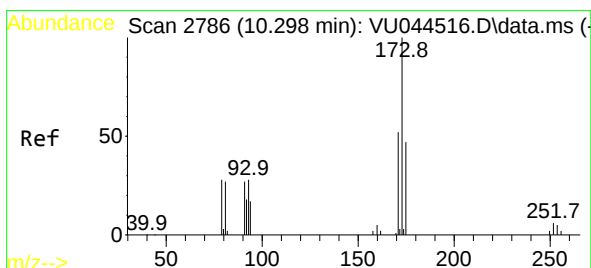
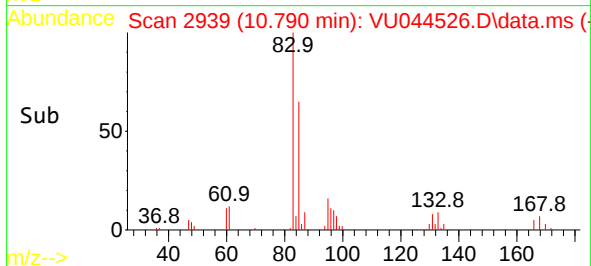
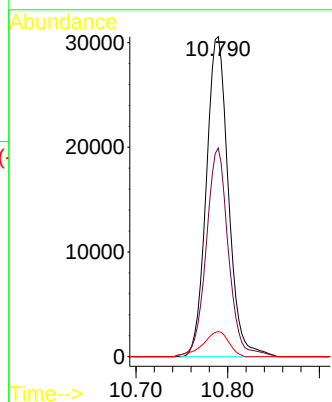
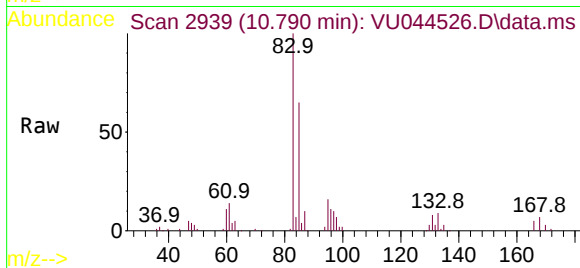




#57
1,1,2,2-Tetrachloroethane
Concen: 5.227 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

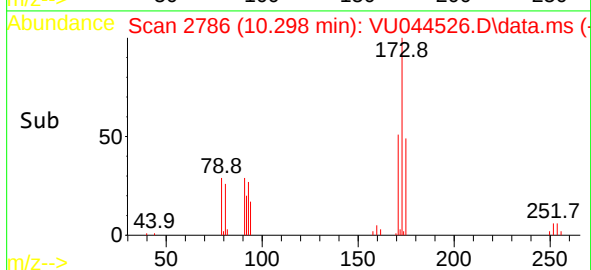
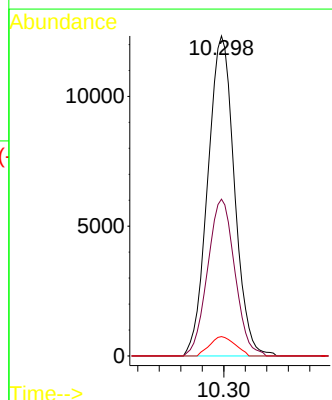
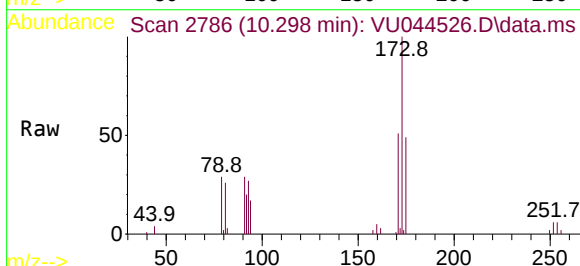
Instrument :
MSVOA_U
ClientSampleId :

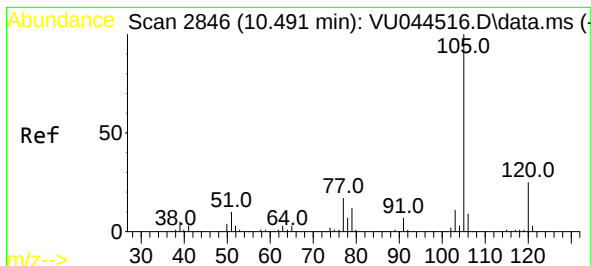
Tgt Ion: 83 Resp: 50983
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.2
131 7.8 6.9 10.3



#59
Bromoform
Concen: 5.206 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:173 Resp: 21164
Ion Ratio Lower Upper
173 100
175 50.0 38.0 57.0
254 5.7 4.3 6.5

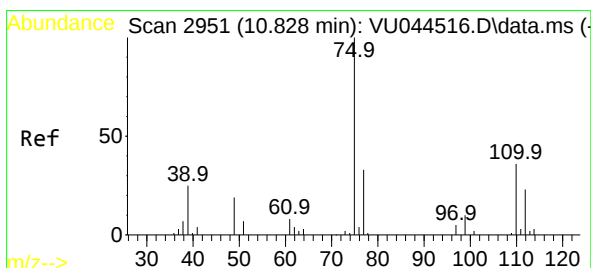
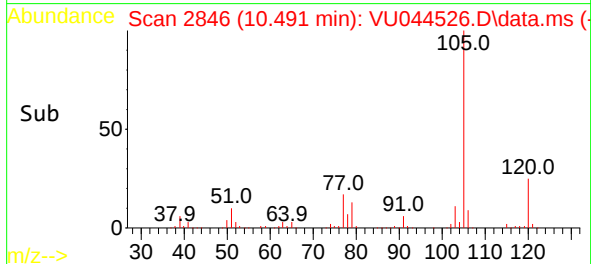
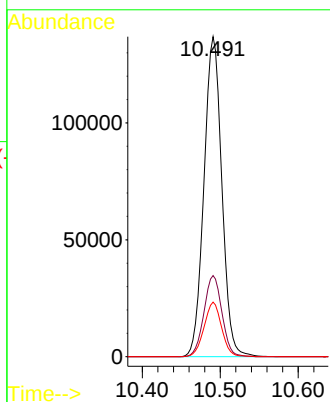
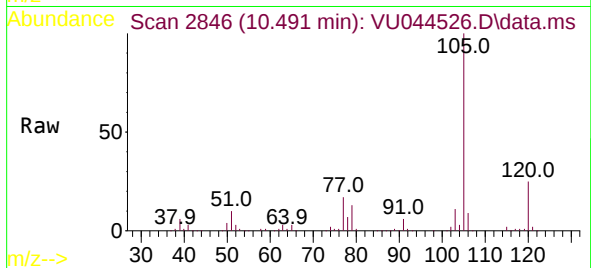




#60
Isopropylbenzene
Concen: 5.205 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

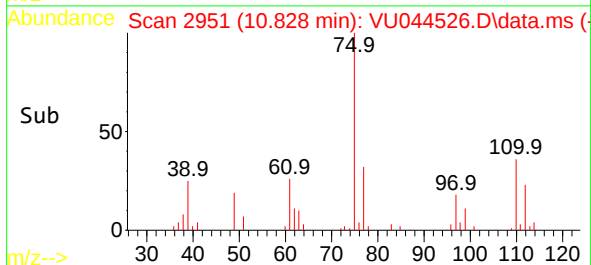
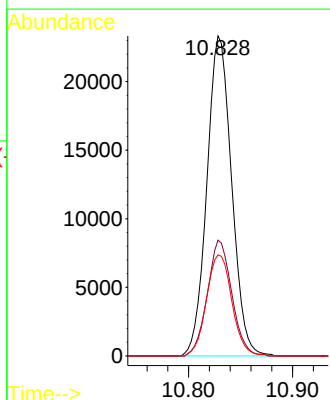
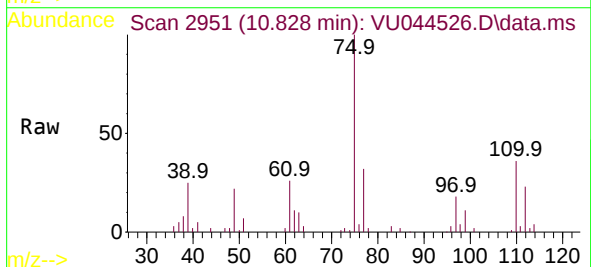
Instrument :
MSVOA_U
ClientSampled :

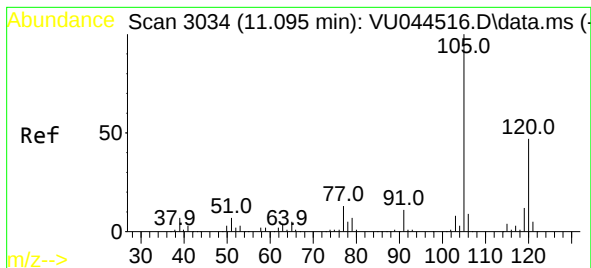
Tgt Ion:105 Resp: 218587
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.366 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

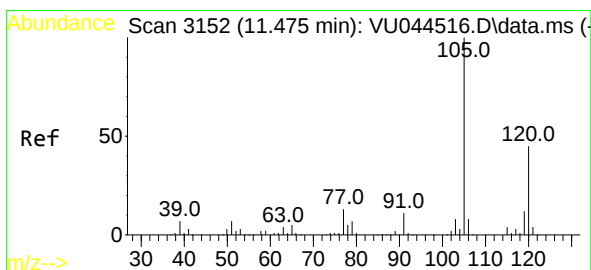
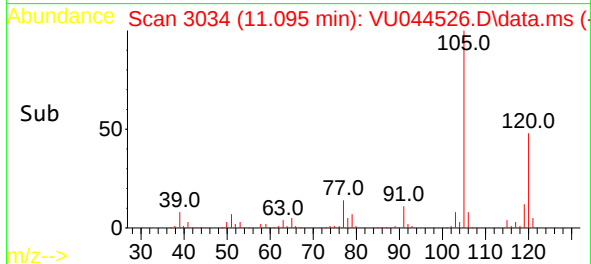
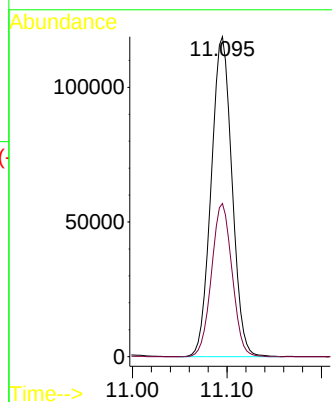
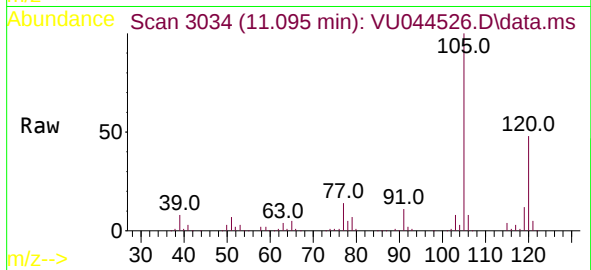
Tgt Ion: 75 Resp: 38581
Ion Ratio Lower Upper
75 100
110 35.7 28.4 42.6
77 32.5 26.5 39.7





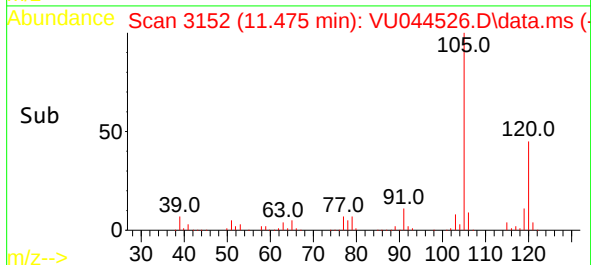
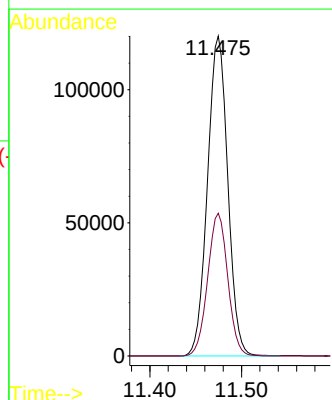
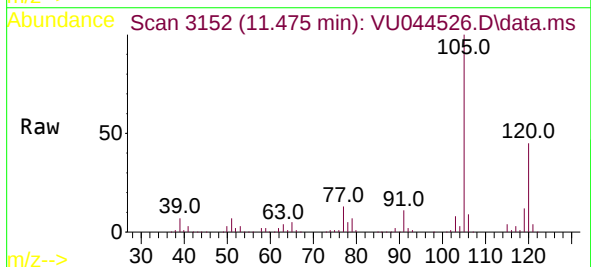
#62
1,3,5-Trimethylbenzene
Concen: 5.293 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

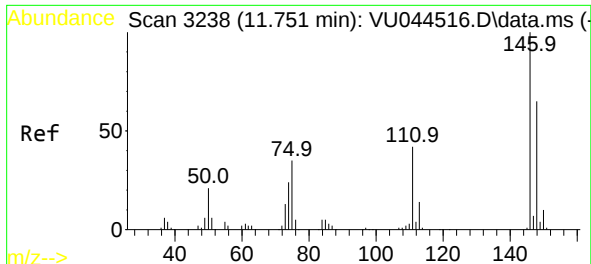
Tgt Ion:105 Resp: 181749
Ion Ratio Lower Upper
105 100
120 47.3 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.240 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:105 Resp: 184517
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

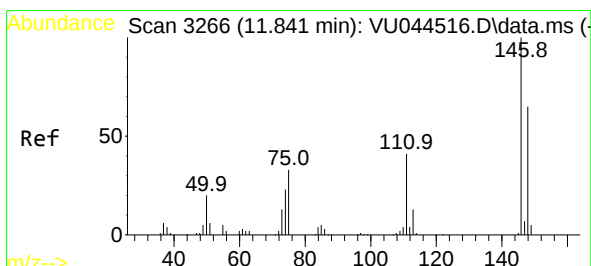
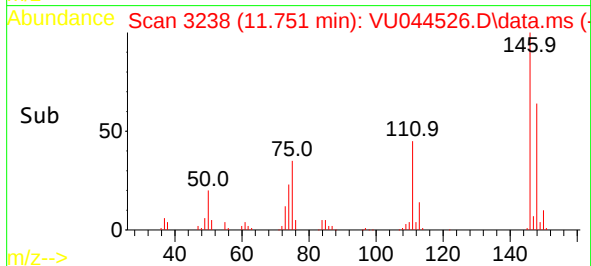
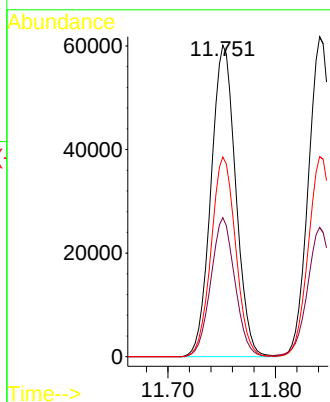
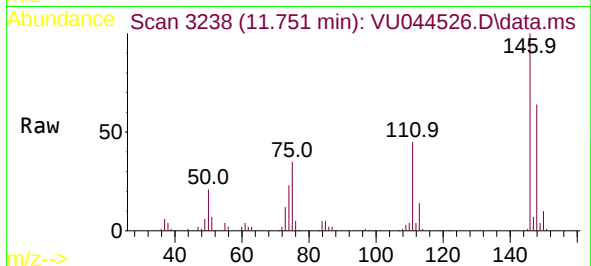




#64
1,3-Dichlorobenzene
Concen: 5.213 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

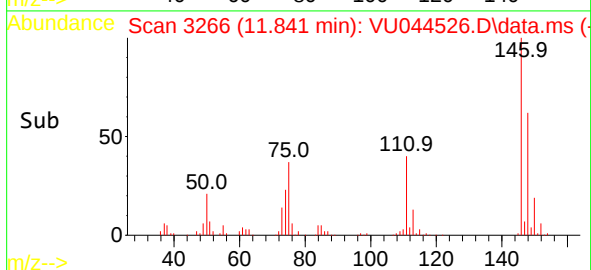
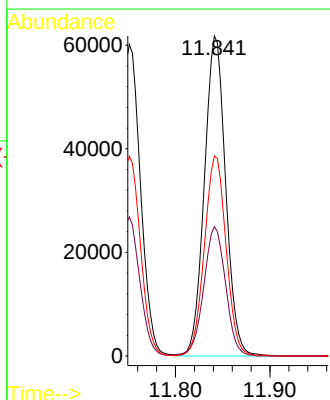
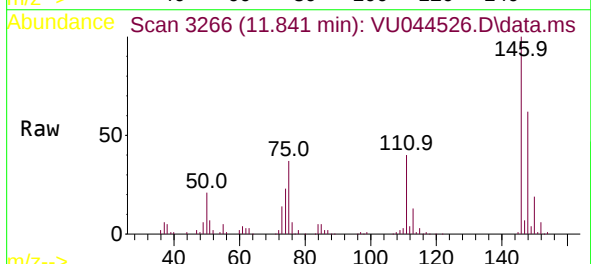
Instrument :
MSVOA_U
ClientSampled :

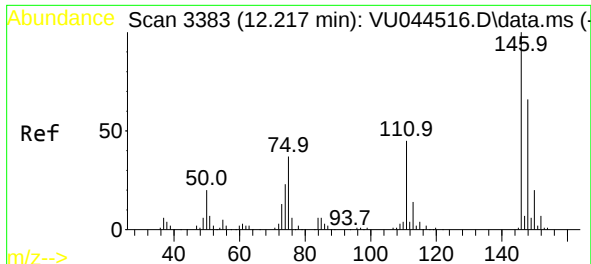
Tgt Ion:146 Resp: 96120
Ion Ratio Lower Upper
146 100
111 44.6 29.6 55.0
148 64.1 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.187 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:146 Resp: 96636
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.4
148 62.5 43.6 81.0

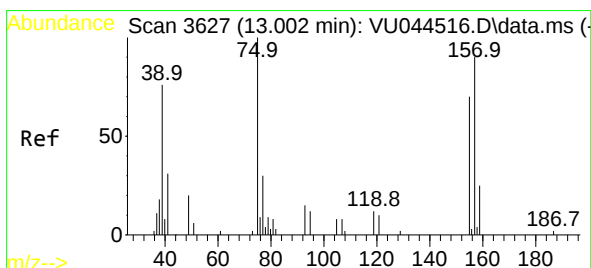
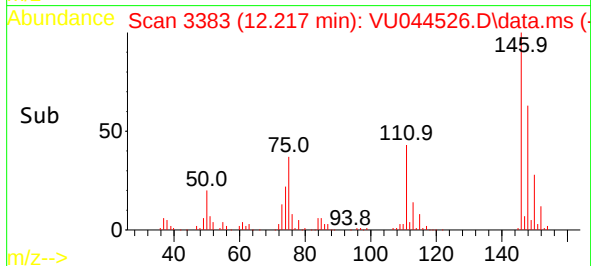
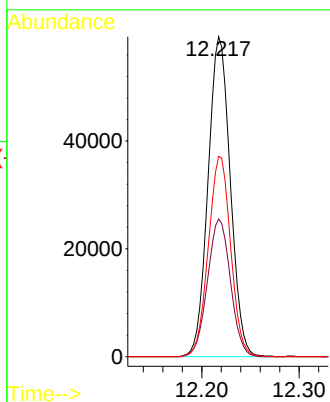
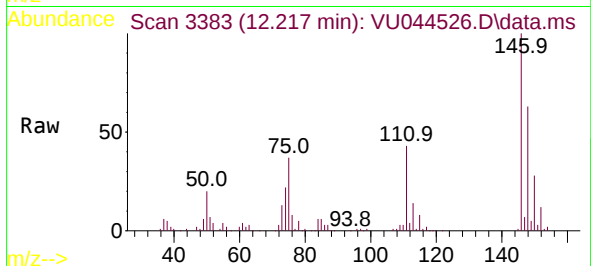




#67
1,2-Dichlorobenzene
Concen: 5.359 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

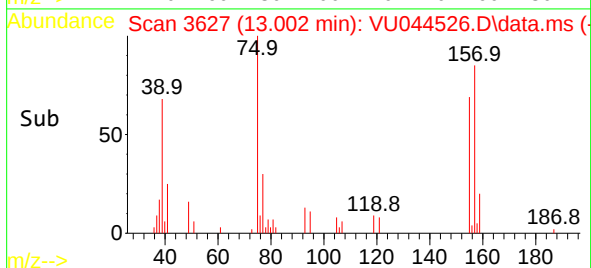
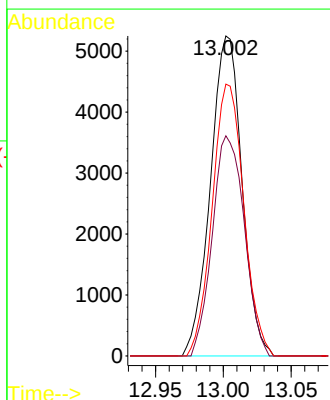
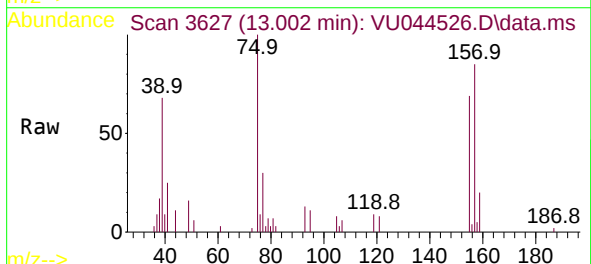
Instrument :
MSVOA_U
ClientSampleId :

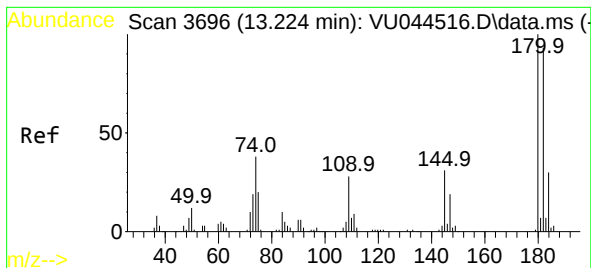
Tgt Ion:	146	Resp:	94177
Ion	Ratio	Lower	Upper
146	100		
111	43.1	34.9	52.3
148	62.6	49.3	73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.775 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:	75	Resp:	8494
Ion	Ratio	Lower	Upper
75	100		
155	68.8	61.2	91.8
157	85.0	74.2	111.2

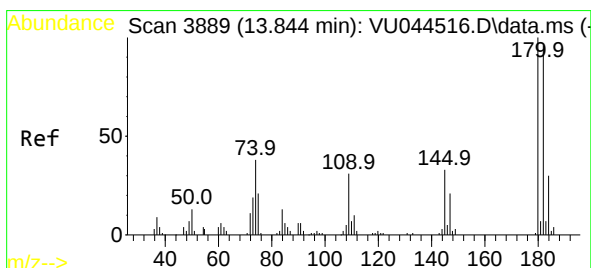
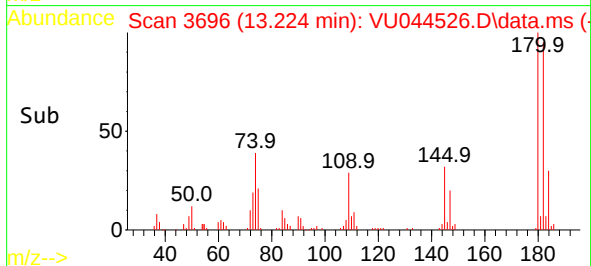
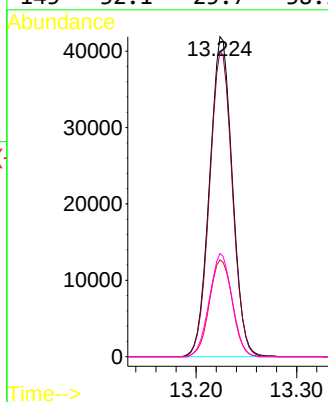
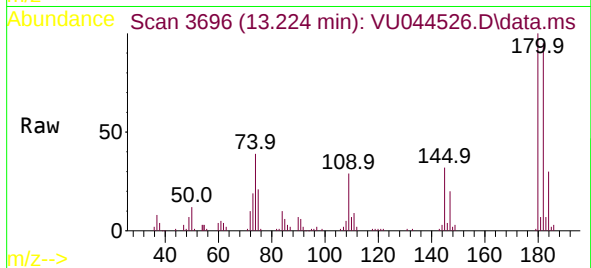




#69
1,3,5-Trichlorobenzene
Concen: 5.079 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

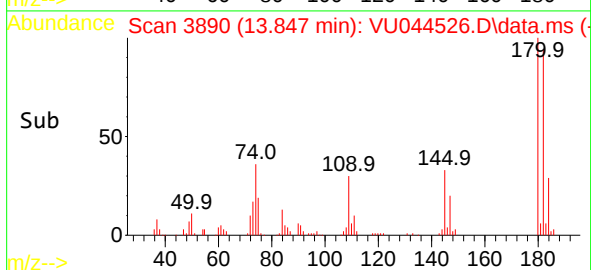
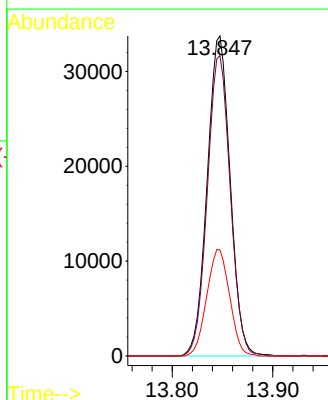
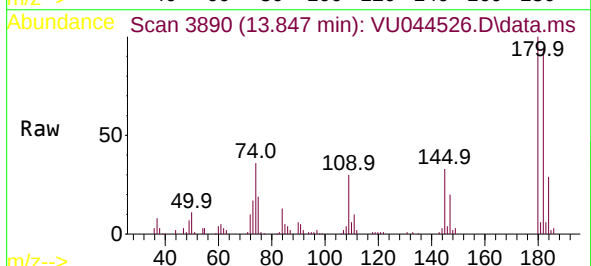
Instrument :
MSVOA_U
ClientSampled :

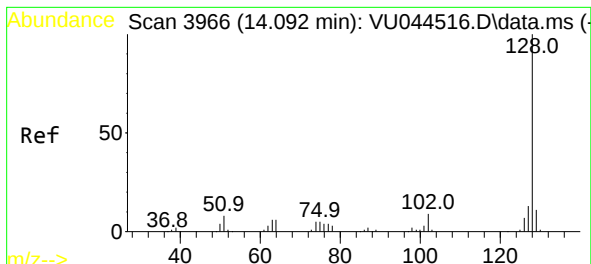
Tgt Ion:	180	Resp:	65933
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.0	112.6
184	30.5	24.3	36.5
145	32.1	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 5.262 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:	180	Resp:	53538
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.0	114.0
145	33.1	26.3	39.5

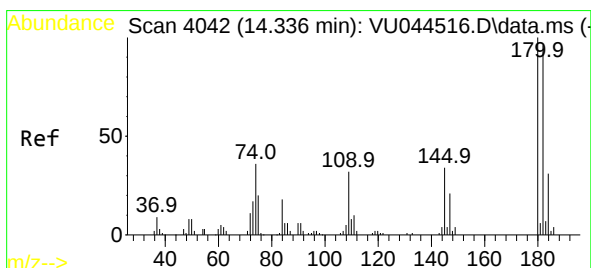
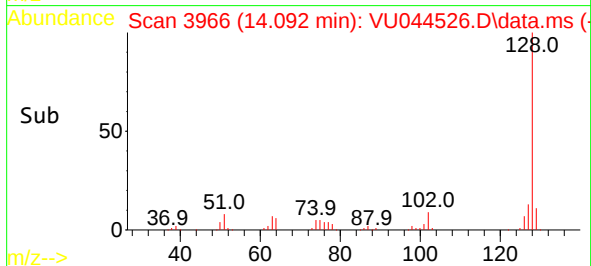
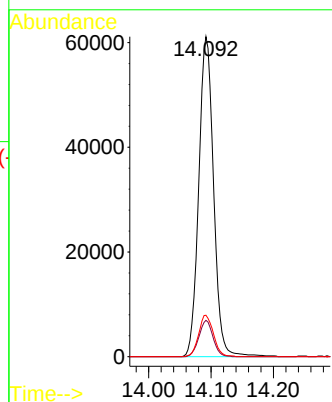
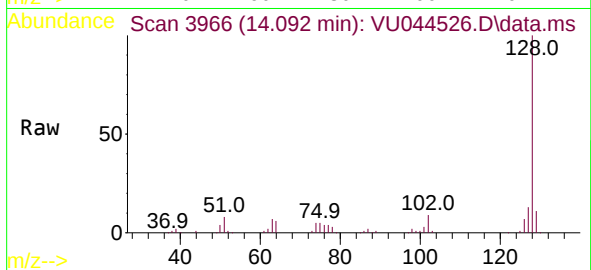




#71
Naphthalene
Concen: 5.216 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 101193
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.353 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044526.D
Acq: 27 Aug 2021 10:03

Tgt Ion:180 Resp: 49866
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 34.7 27.1 40.7

