

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022625.D
 Acq On : 06 Oct 2021 15:25
 Operator : SY/MD
 Sample : M4051-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12868	4.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.564	69	21021	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	46049	5.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.912	46	62519	33.377	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.760%
24) Chloroform-d	4.349	84	55261	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	28052	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	101075	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	34867	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	77444	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.629	79	8449	4.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.095	63	58390	45.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27196	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	36223	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
8) Chloroethane	1.593	64	1516	0.313	ug/L #	73
12) 1,1-Dichloroethene	2.114	96	36564	6.035	ug/L	97
14) Carbon disulfide	2.285	76	1070	0.060	ug/L #	74
17) Methyl tert-butyl Ether	2.783	73	824	0.054	ug/L #	62
18) trans-1,2-Dichloroethene	2.754	96	805	0.122	ug/L	90
19) 1,1-Dichloroethane	3.185	63	4056	0.342	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	90935	12.694	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	1800	0.159	ug/L	97
31) Carbon tetrachloride	4.828	117	2451	0.244	ug/L	96
34) Trichloroethene	5.912	95	66254	8.525	ug/L	99
35) Methylcyclohexane	6.072	83	8333	0.765	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	3903	0.598	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	725	0.082	ug/L #	43
42) Toluene	7.397	91	2521	0.090	ug/L	98
47) Tetrachloroethene	7.976	164	53139	8.793	ug/L	99
48) 2-Hexanone	8.146	43	6310	2.441	ug/L #	85
49) Dibromochloromethane	7.976	129	47645	8.294	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4646	1.374	ug/L #	62

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 06:15:29 2021
Response via : Initial Calibration

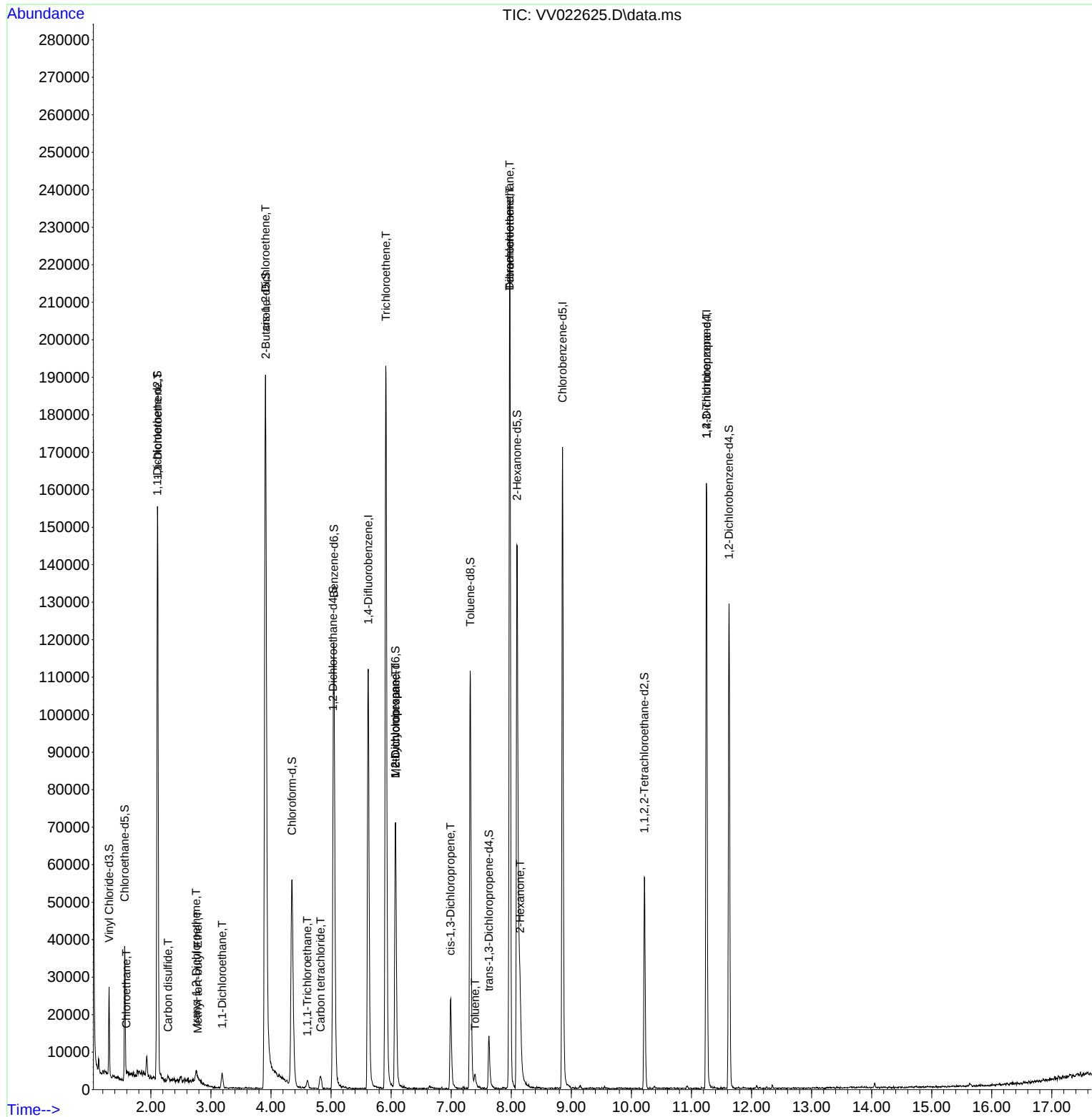
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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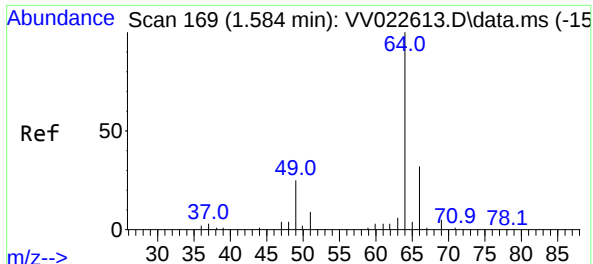
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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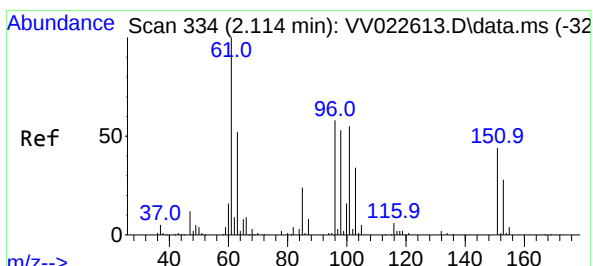
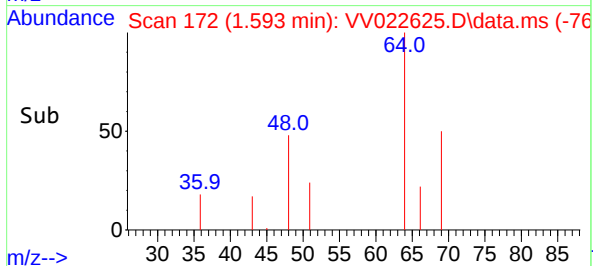
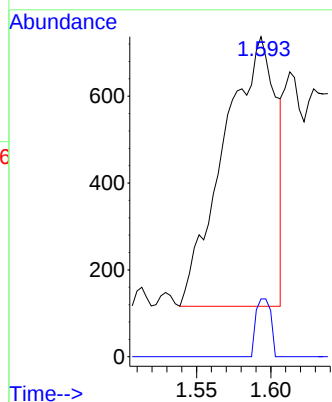
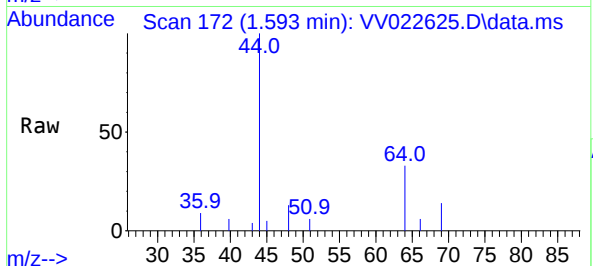




#8
Chloroethane
Concen: 0.313 ug/L
RT: 1.593 min Scan# 172
Delta R.T. 0.010 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

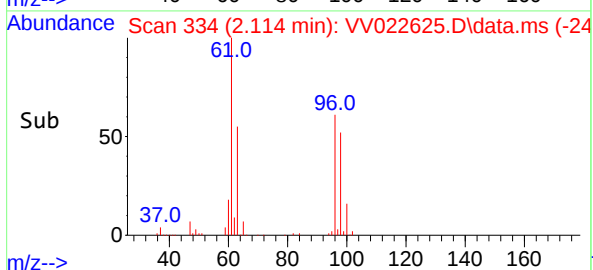
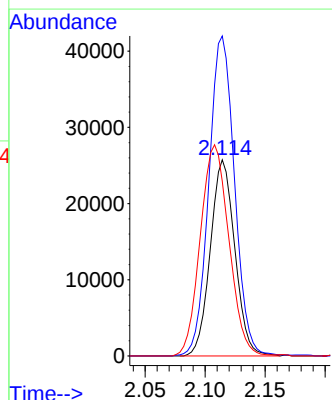
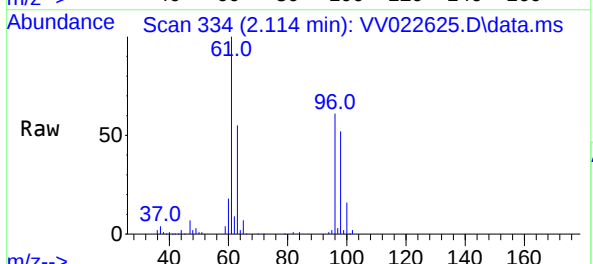
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MSVOA_V
ClientSampled :

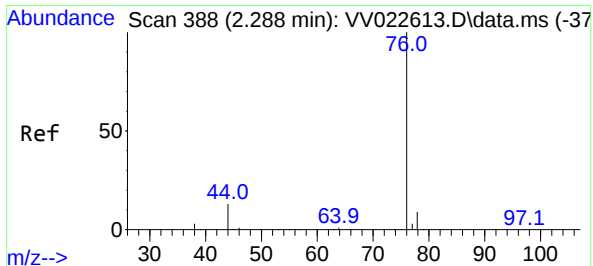
Tgt Ion: 64 Resp: 1516
Ion Ratio Lower Upper
64 100
66 18.0 23.2 43.0#



#12
1,1-Dichloroethene
Concen: 6.035 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 96 Resp: 36564
Ion Ratio Lower Upper
96 100
61 163.1 113.2 210.2
63 89.1 66.6 123.8

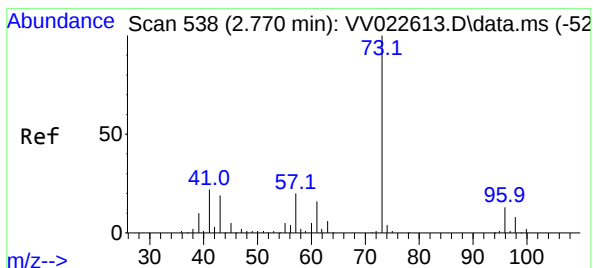
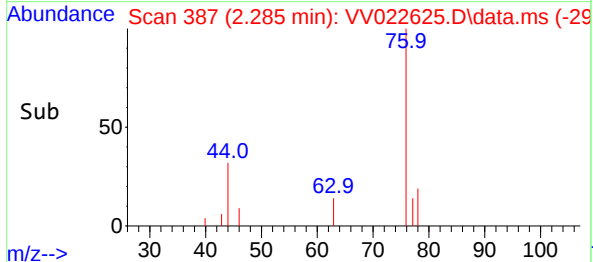
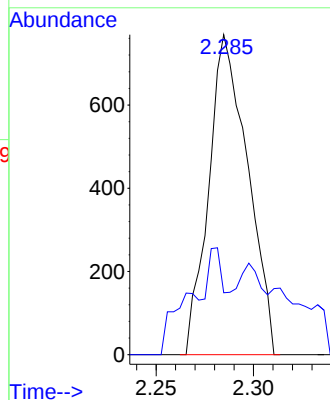
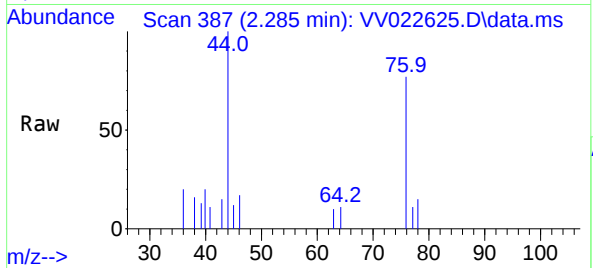




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

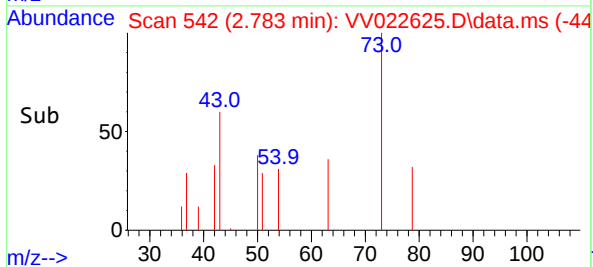
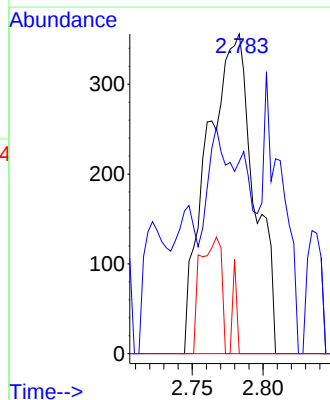
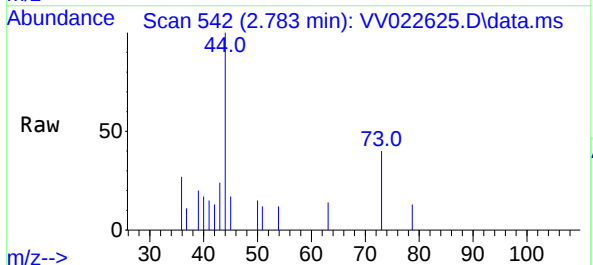
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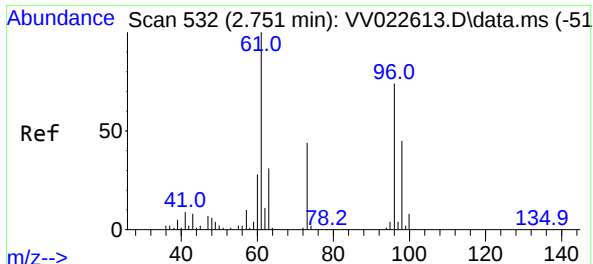
Tgt Ion: 76 Resp: 1070
Ion Ratio Lower Upper
76 100
78 19.4 7.8 11.6#



#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.013 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 73 Resp: 824
Ion Ratio Lower Upper
73 100
43 36.2 16.3 24.5#
57 2.4 17.5 26.3#

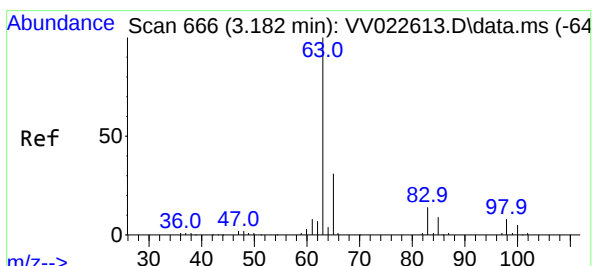
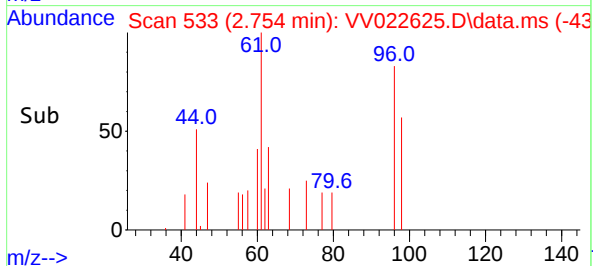
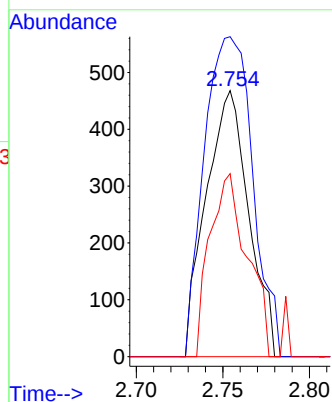
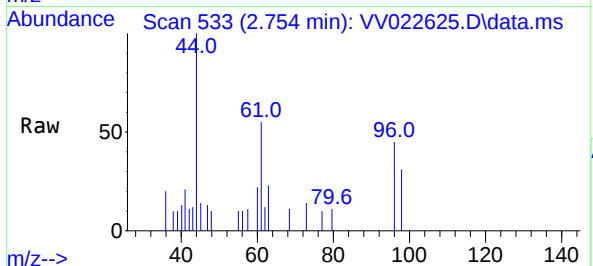




#18
trans-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

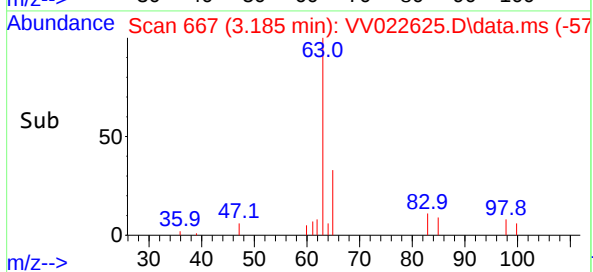
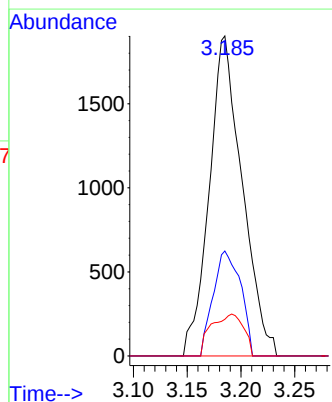
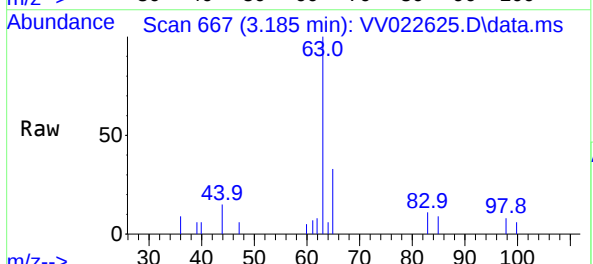
Instrument :
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ClientSampleId :

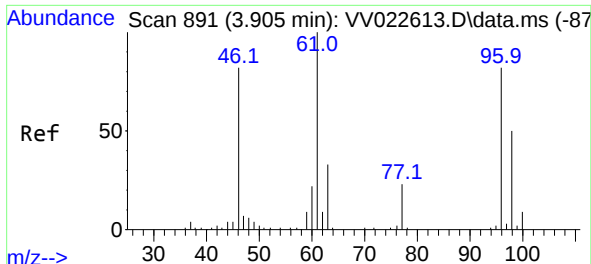
Tgt Ion: 96 Resp: 805
Ion Ratio Lower Upper
96 100
61 120.3 94.0 174.6
98 68.8 44.9 83.3



#19
1,1-Dichloroethane
Concen: 0.342 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 63 Resp: 4056
Ion Ratio Lower Upper
63 100
65 32.8 22.8 42.4
83 11.5 10.2 19.0

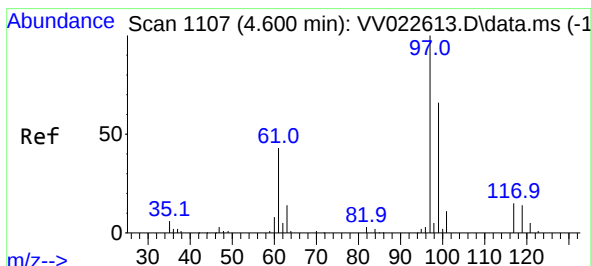
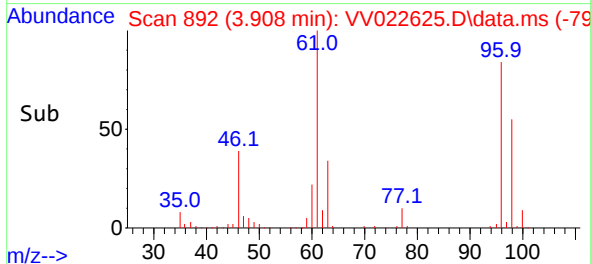
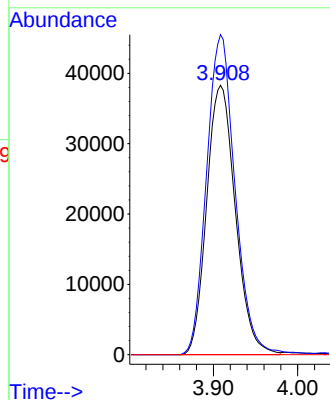
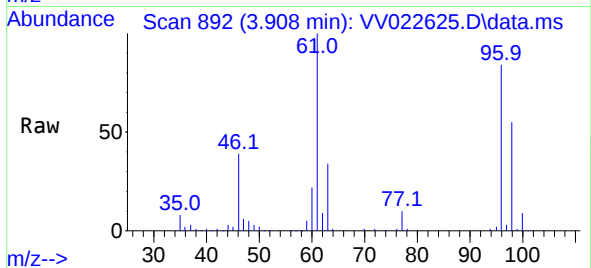




#22
cis-1,2-Dichloroethene
Concen: 12.694 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

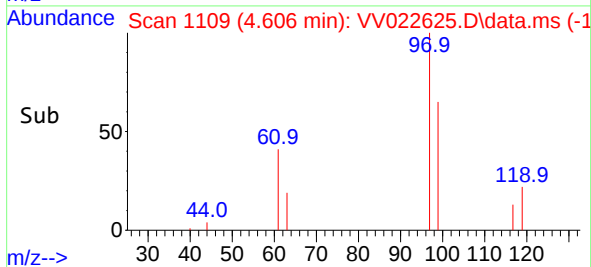
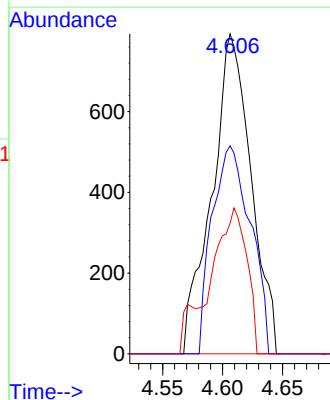
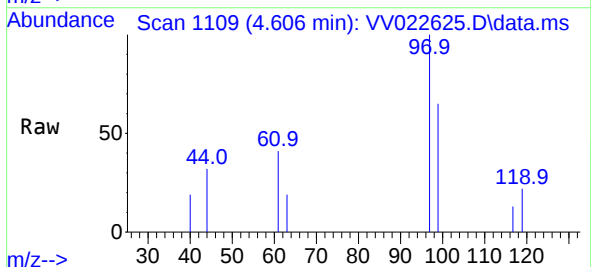
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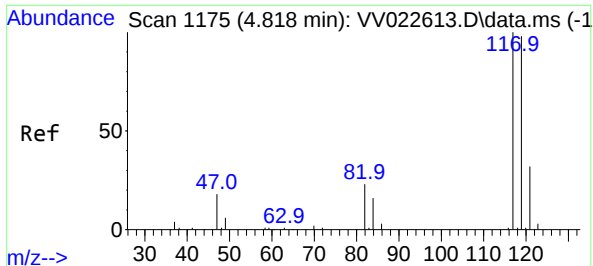
Tgt Ion: 96 Resp: 90935
Ion Ratio Lower Upper
96 100
61 118.8 85.6 159.0
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 0.159 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 97 Resp: 1800
Ion Ratio Lower Upper
97 100
99 63.7 49.8 74.6
61 37.0 32.5 48.7

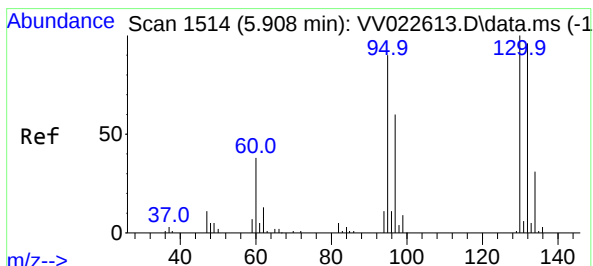
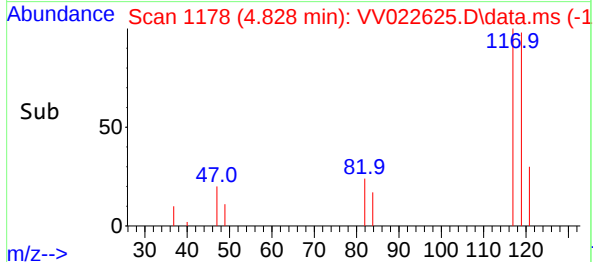
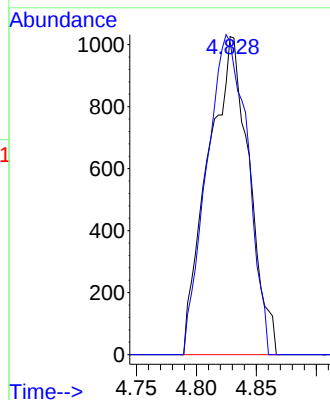
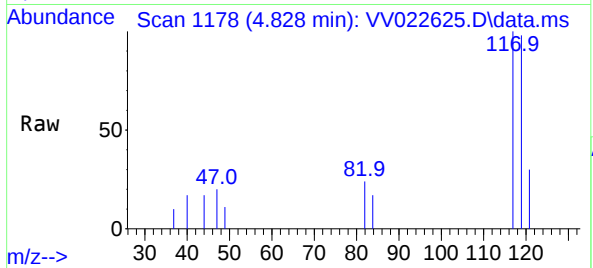




#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

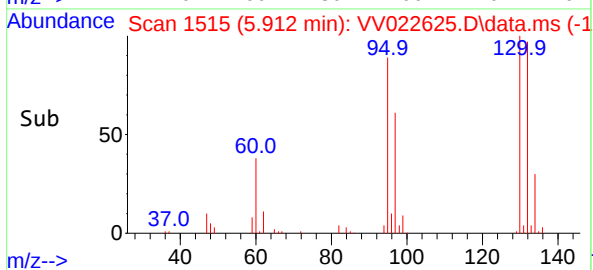
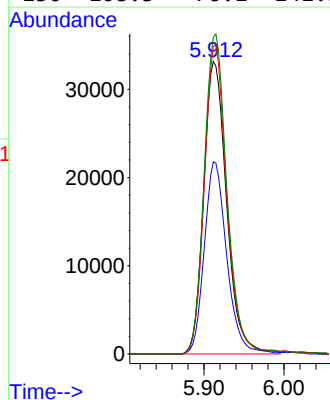
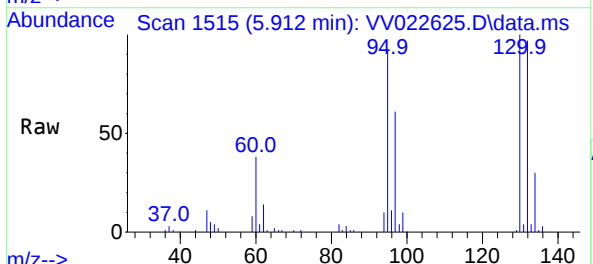
Instrument :
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ClientSampled :

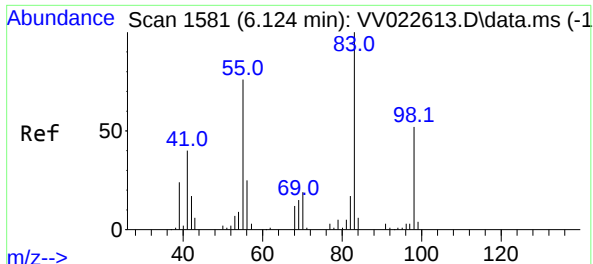
Tgt Ion:117 Resp: 2451
Ion Ratio Lower Upper
117 100
119 100.1 76.9 115.3



#34
Trichloroethene
Concen: 8.525 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 95 Resp: 66254
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 105.2 73.0 135.6
130 108.3 76.1 141.3

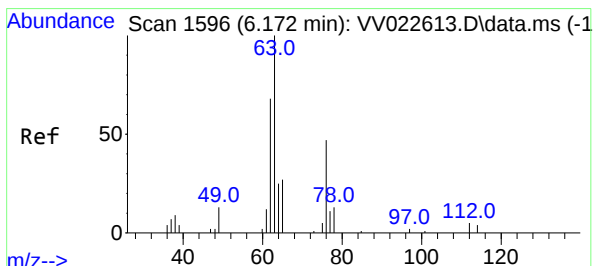
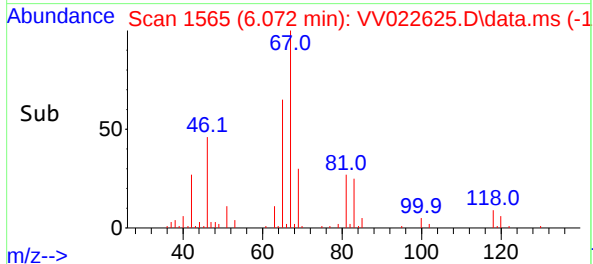
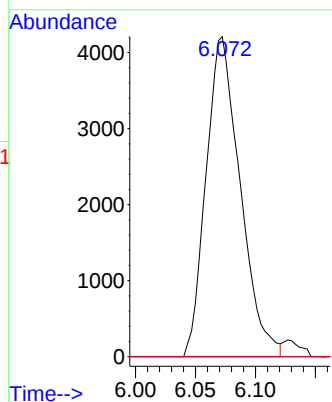
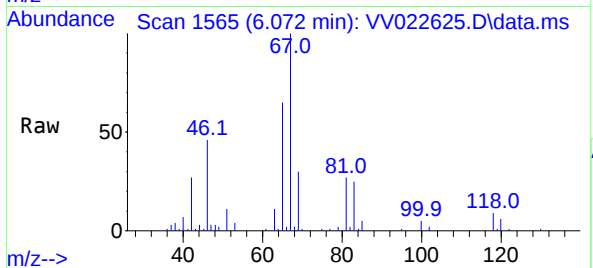




#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

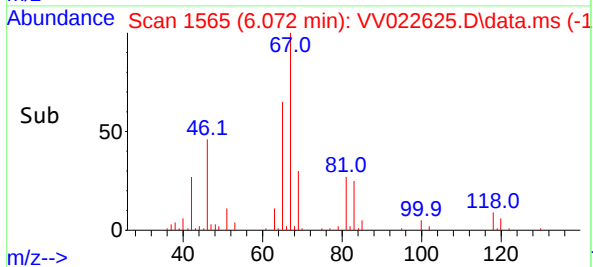
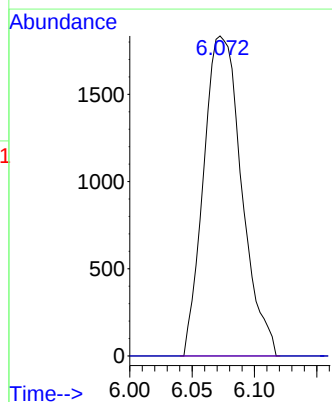
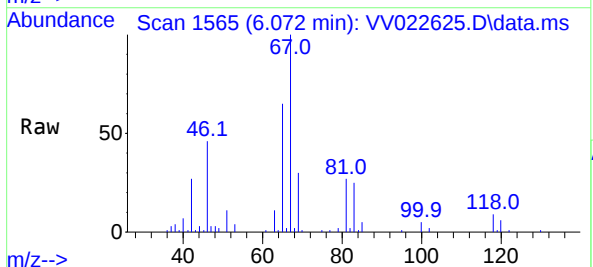
Instrument :
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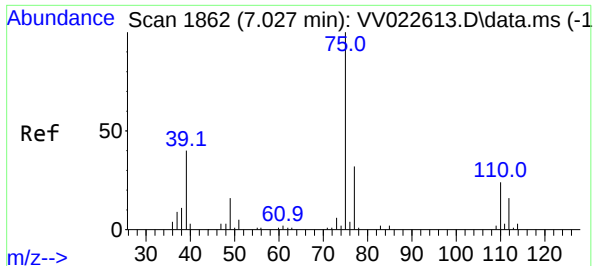
Tgt Ion: 83 Resp: 8333
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.8 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022625.D
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Tgt Ion: 63 Resp: 3903
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

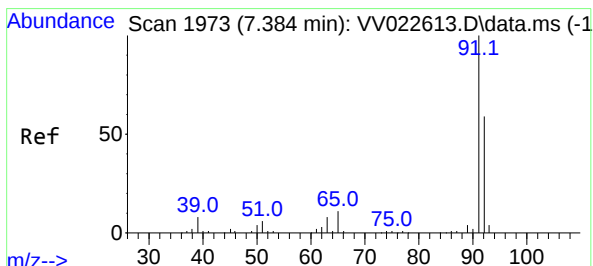
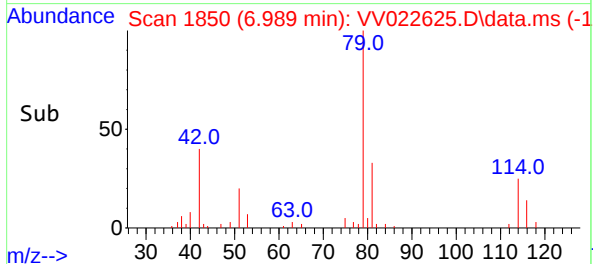
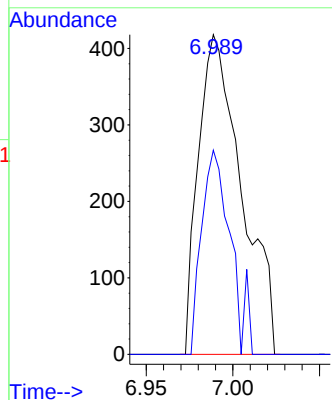
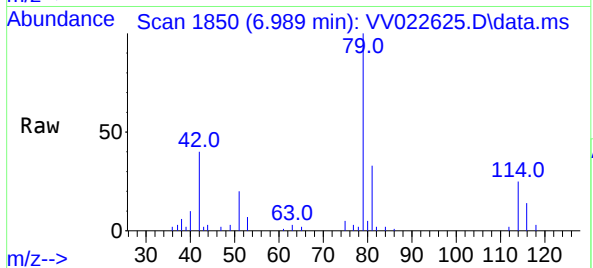




#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

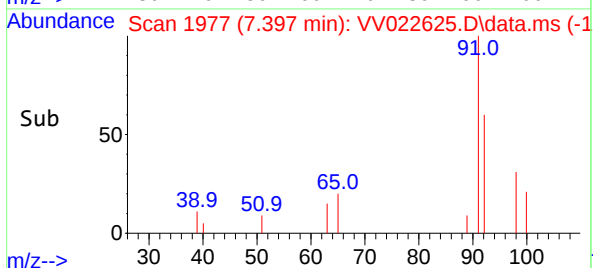
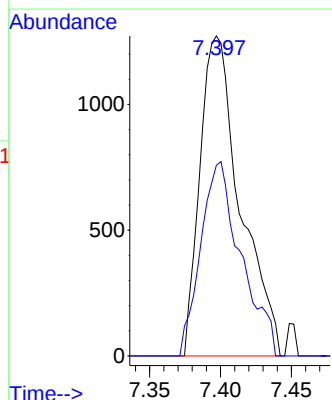
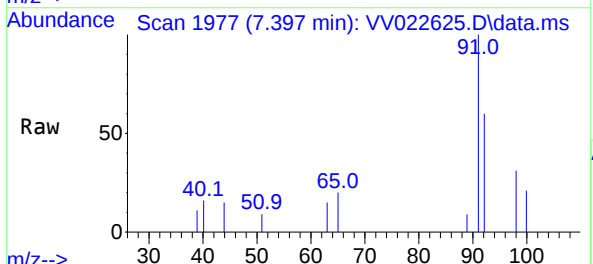
Instrument :
MSVOA_V
ClientSampled :

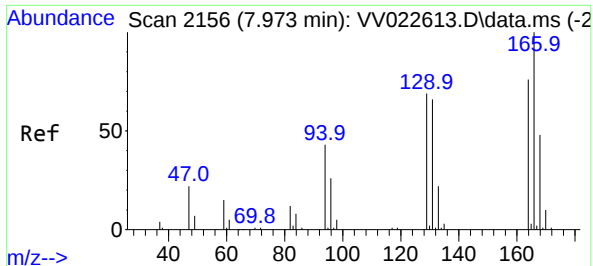
Tgt Ion: 75 Resp: 725
Ion Ratio Lower Upper
75 100
77 63.9 22.4 41.6#



#42
Toluene
Concen: 0.090 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 91 Resp: 2521
Ion Ratio Lower Upper
91 100
92 59.6 40.5 75.3



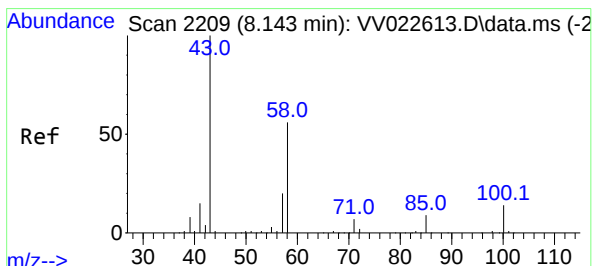
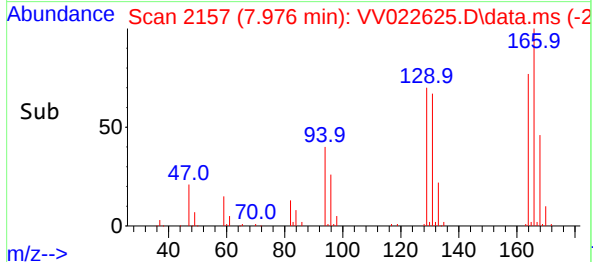
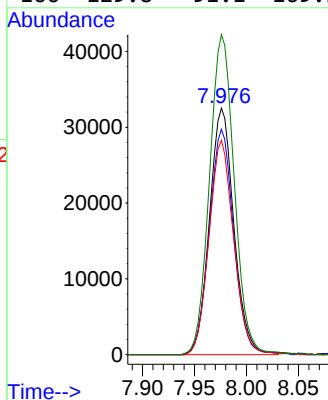
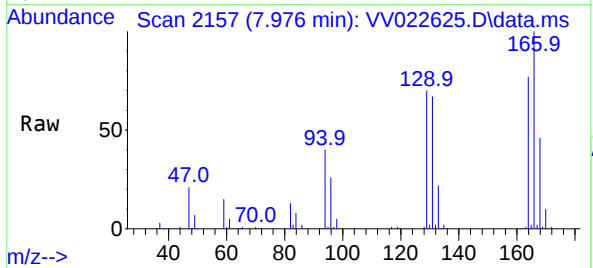


#47
Tetrachloroethene
Concen: 8.793 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 53139

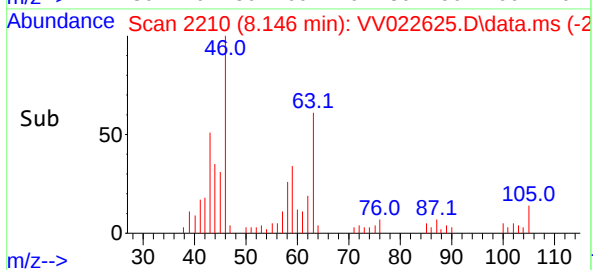
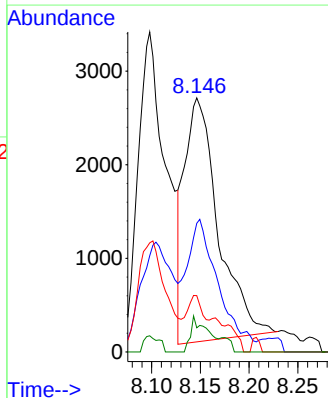
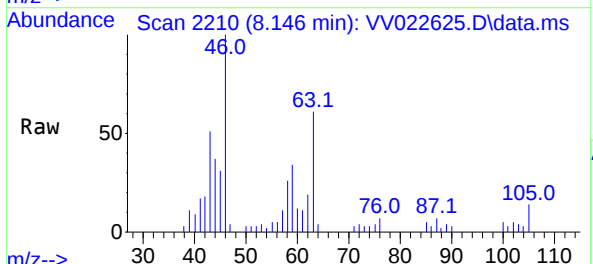
Ion	Ratio	Lower	Upper
164	100		
129	91.4	65.5	121.6
131	87.0	62.4	116.0
166	129.8	91.1	169.3

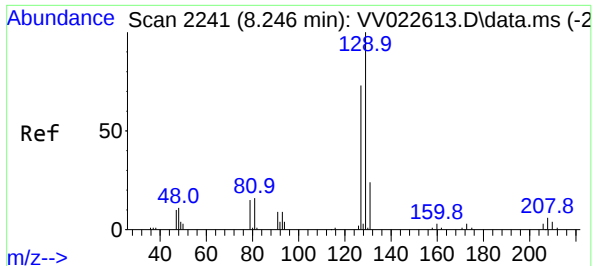


#48
2-Hexanone
Concen: 2.441 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022625.D
Acq: 06 Oct 2021 15:25

Tgt Ion: 43 Resp: 6310

Ion	Ratio	Lower	Upper
43	100		
58	51.9	46.4	69.6
57	4.7	16.3	24.5#
100	7.3	11.0	16.6#





#49

Dibromochloromethane

Concen: 8.294 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022625.D

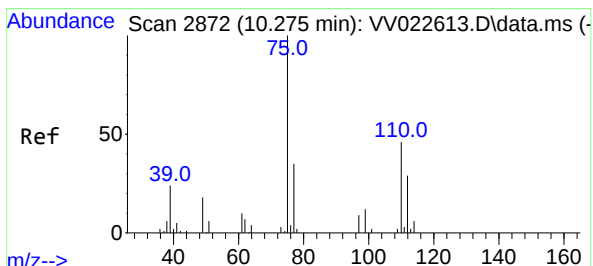
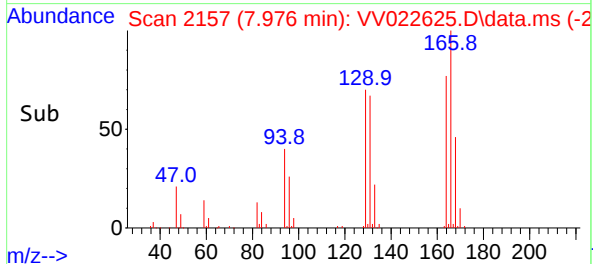
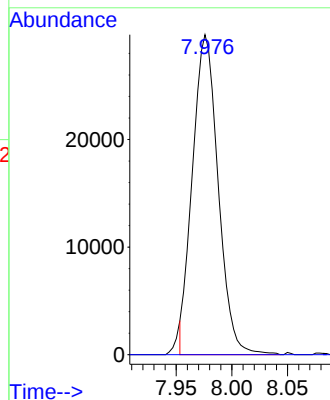
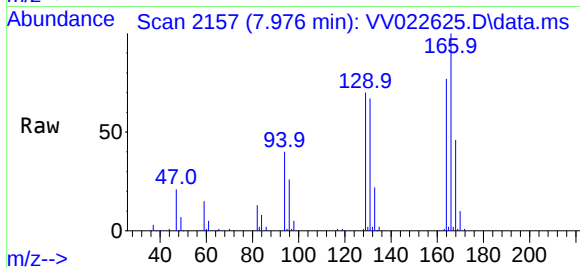
Acq: 06 Oct 2021 15:25

Tgt Ion:129 Resp: 47645

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.374 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022625.D

Acq: 06 Oct 2021 15:25

Tgt Ion: 75 Resp: 4646

Ion Ratio Lower Upper

75 100

77 35.4 26.1 39.1

110 1.5 33.0 49.6#

