

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052245.D
 Acq On : 08 Dec 2022 13:46
 Operator : JC/MD
 Sample : N5918-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EG0

Quant Time: Dec 08 22:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

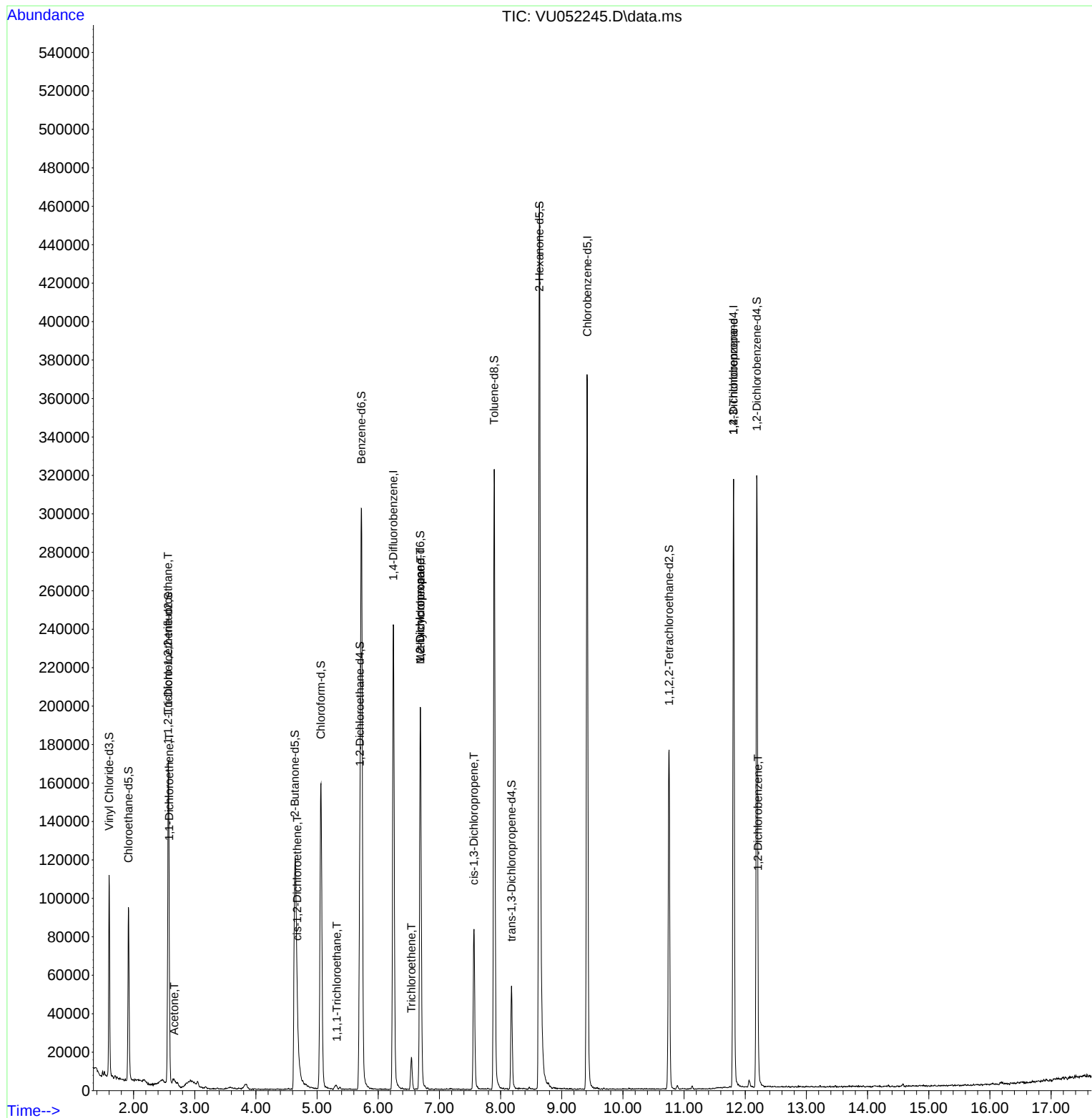
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76881	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.916	69	70553	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.568	65	30177	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.639	46	227545	62.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.180%
24) Chloroform-d	5.063	84	152846	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.700	65	79826	5.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.726	84	297524	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.687	67	102163	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.896	98	230737	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.179	79	31904	4.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.636	63	163215	52.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94891	5.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	89504	5.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	772	0.051	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	6570	0.436	ug/L #	1
13) Acetone	2.665	43	7190	2.889	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	3702	0.218	ug/L	77
29) 1,1,1-Trichloroethane	5.324	97	1761	0.073	ug/L #	81
34) Trichloroethene	6.542	95	5906	0.333	ug/L	97
35) Methylcyclohexane	6.690	83	21926	0.860	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9974	0.542	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2174	0.092	ug/L #	54
61) 1,2,3-Trichloropropane	11.809	75	11039	1.069	ug/L #	65
67) 1,2-Dichlorobenzene	12.208	146	2219	0.080	ug/L	90

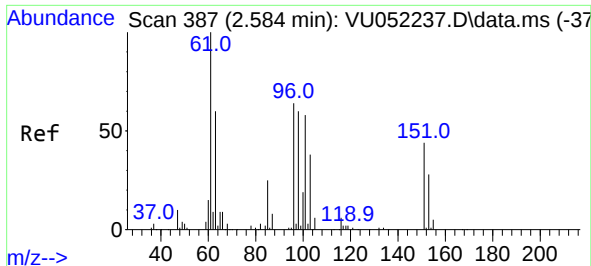
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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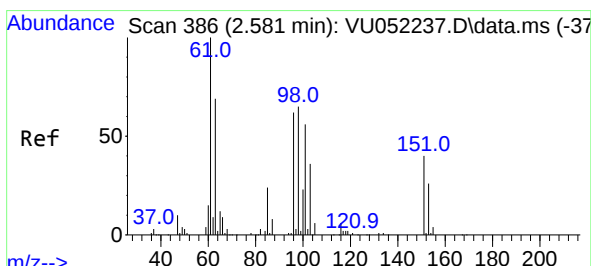
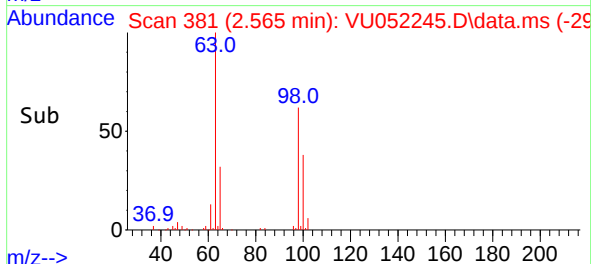
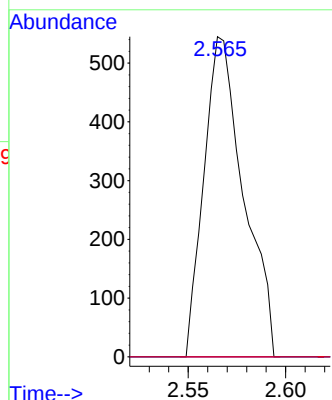
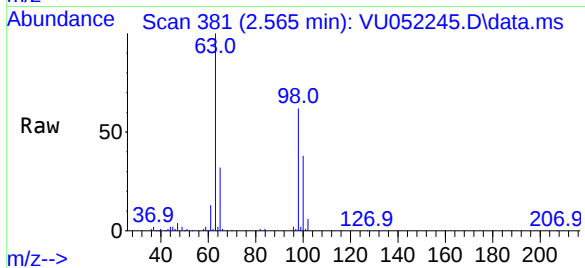




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

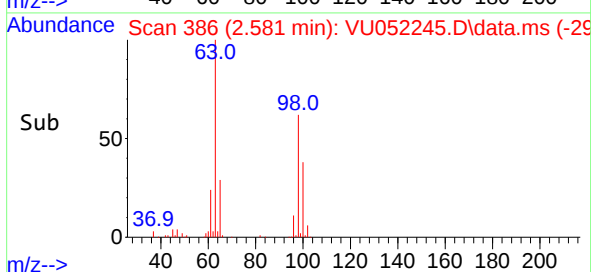
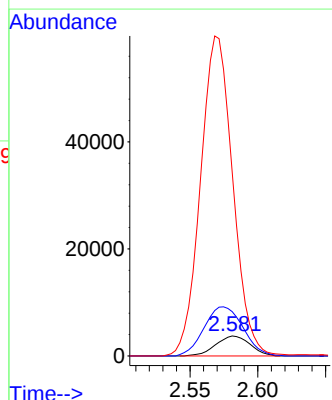
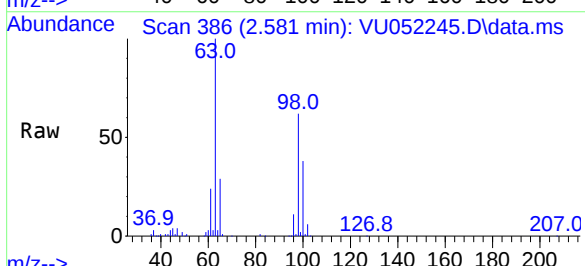
Instrument :
MSVOA_U
ClientSampleId :
C0EG0

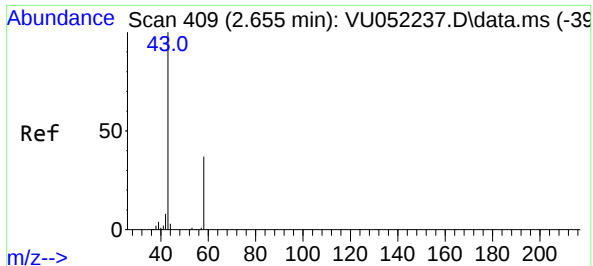
Tgt Ion:101 Resp: 772
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#12
1,1-Dichloroethene
Concen: 0.436 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 96 Resp: 6570
Ion Ratio Lower Upper
96 100
61 221.5 114.8 213.2#
63 920.2 93.7 174.1#

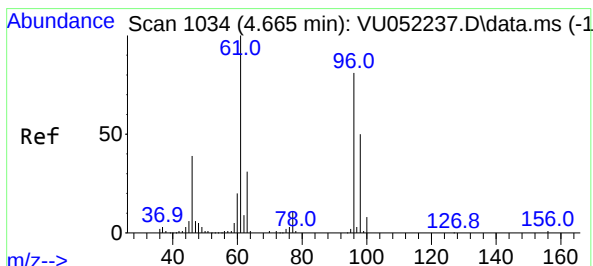
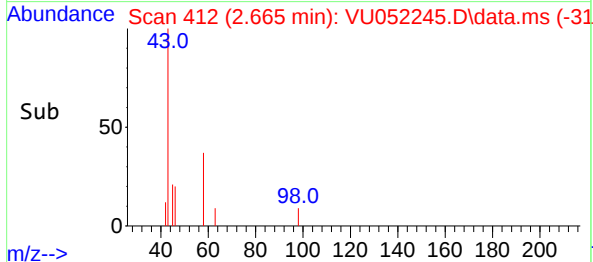
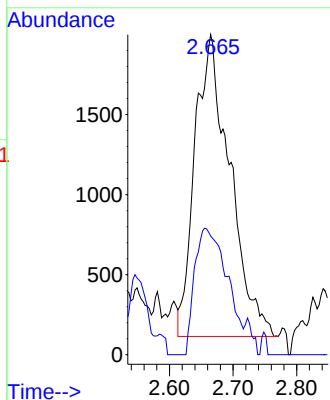
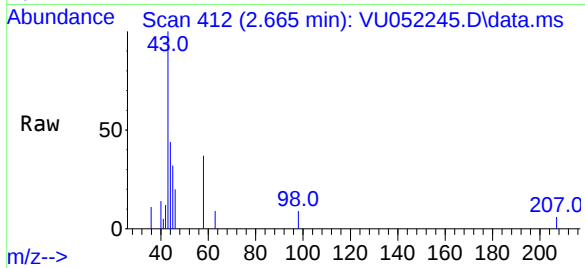




#13
Acetone
Concen: 2.889 ug/L
RT: 2.665 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

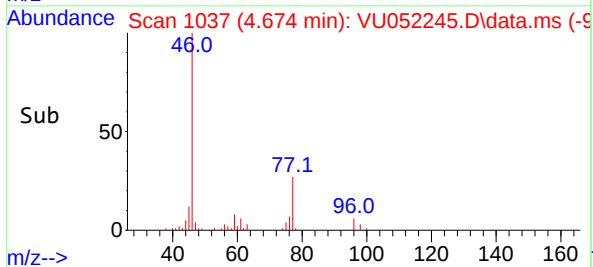
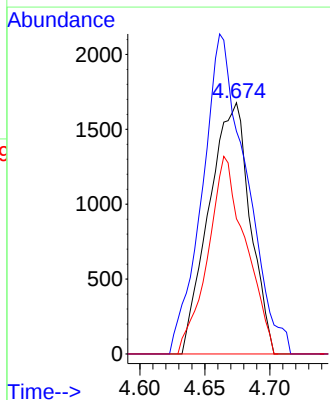
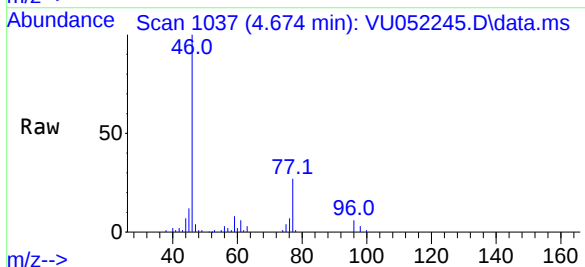
Instrument :
MSVOA_U
ClientSampleId :
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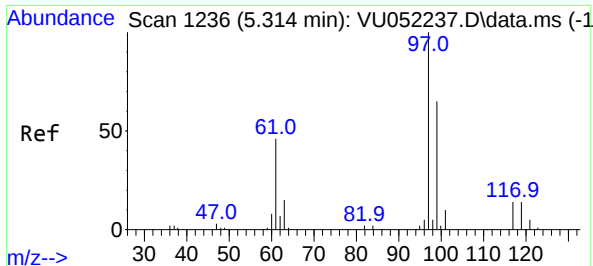
Tgt Ion: 43 Resp: 7190
Ion Ratio Lower Upper
43 100
58 38.9 0.0 76.0



#22
cis-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 96 Resp: 3702
Ion Ratio Lower Upper
96 100
61 88.6 85.1 158.1
98 53.8 42.8 79.6

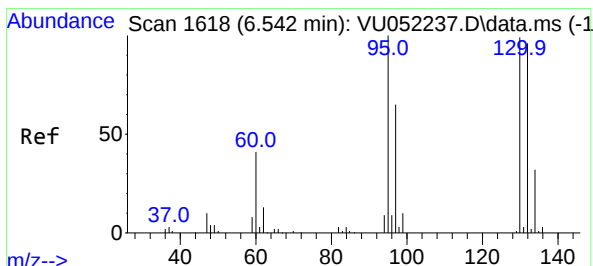
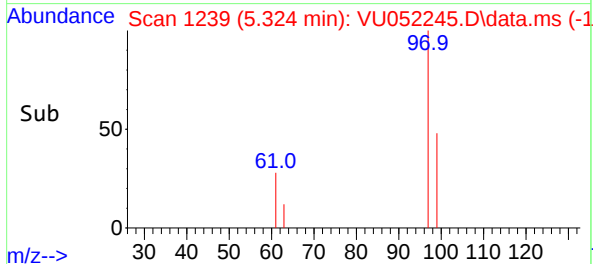
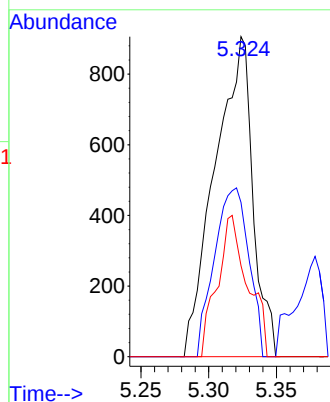
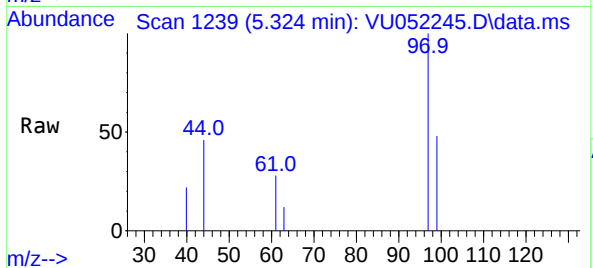




#29
1,1,1-Trichloroethane
Concen: 0.073 ug/L
RT: 5.324 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

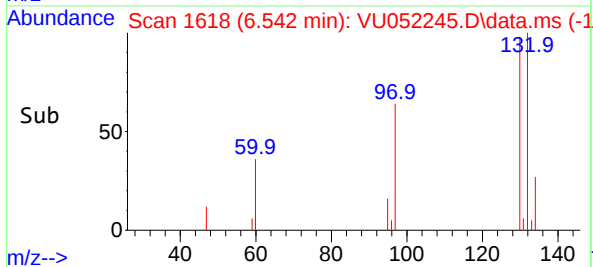
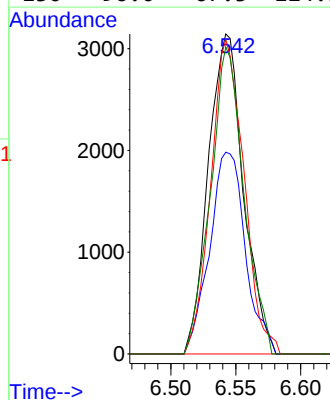
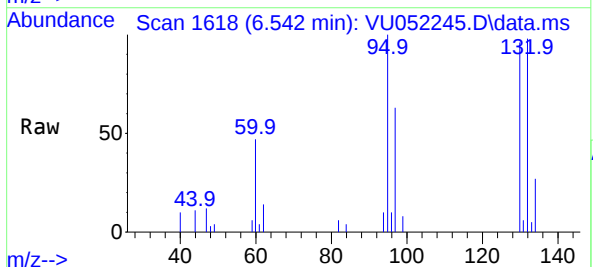
Instrument :
MSVOA_U
ClientSampleId :
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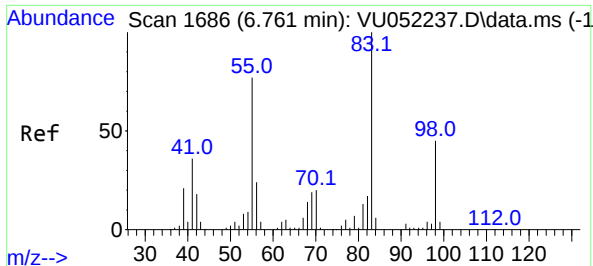
Tgt Ion: 97 Resp: 1761
Ion Ratio Lower Upper
97 100
99 47.8 51.0 76.6#
61 35.4 36.9 55.3#



#34
Trichloroethene
Concen: 0.333 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 95 Resp: 5906
Ion Ratio Lower Upper
95 100
97 63.1 43.7 81.1
132 98.2 64.3 119.3
130 96.0 67.3 124.9

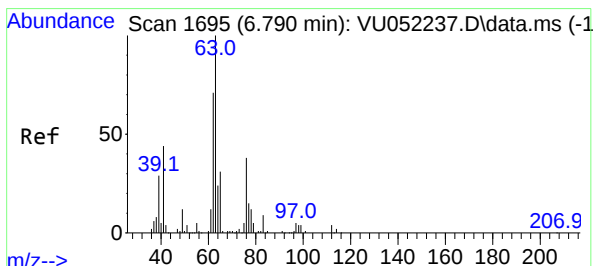
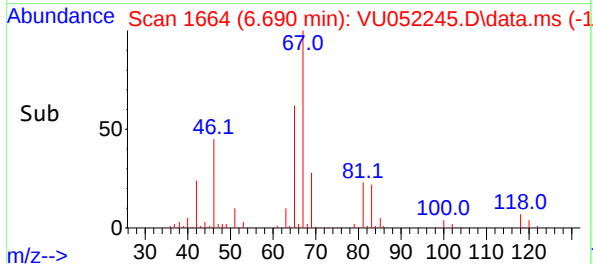
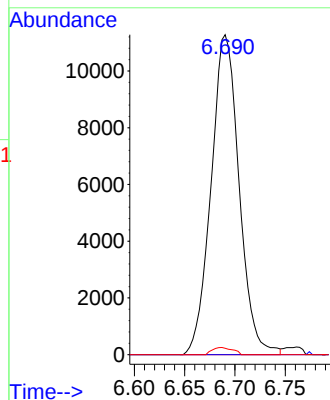
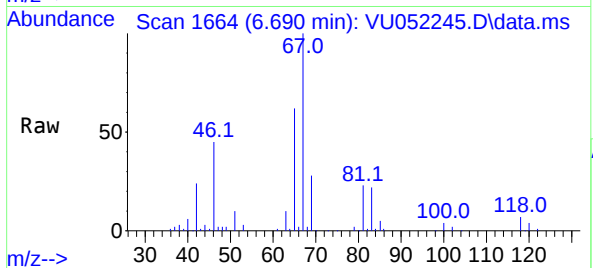




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

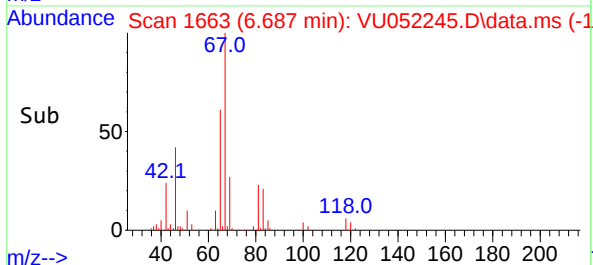
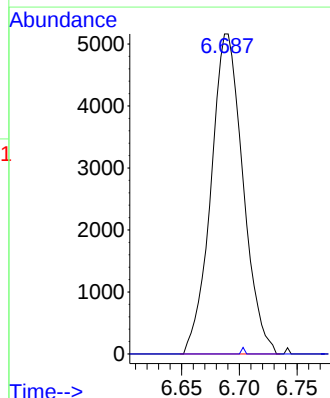
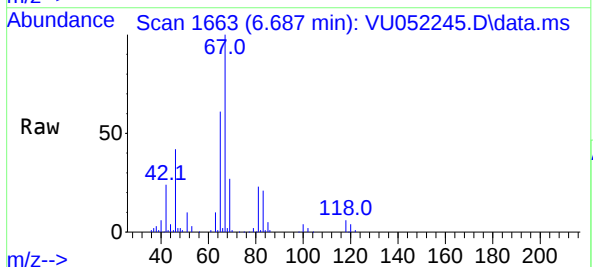
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ClientSampleId :
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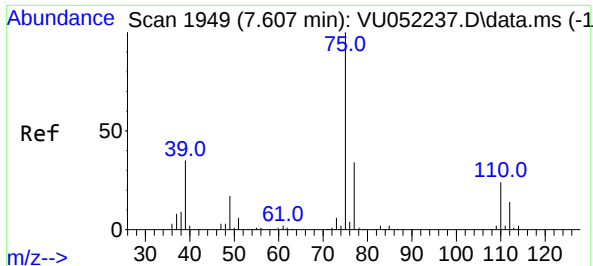
Tgt Ion: 83 Resp: 21926
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 1.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 63 Resp: 9974
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#

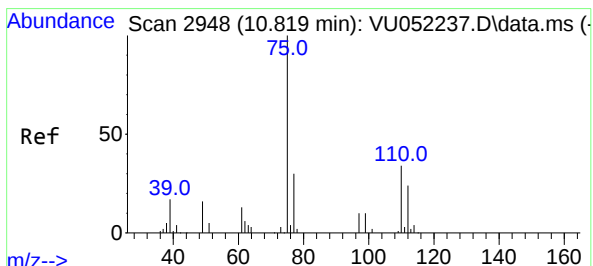
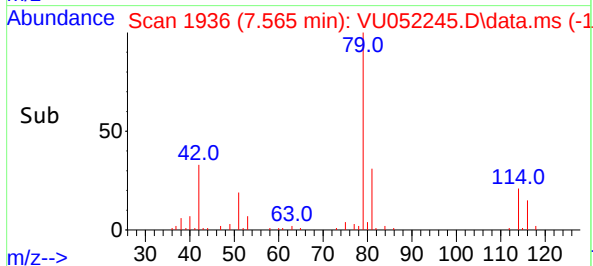
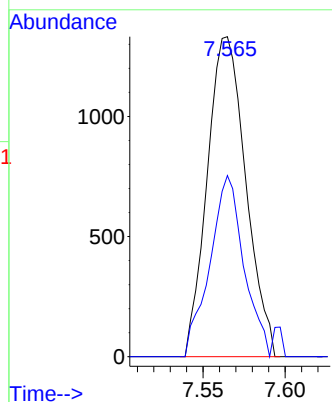
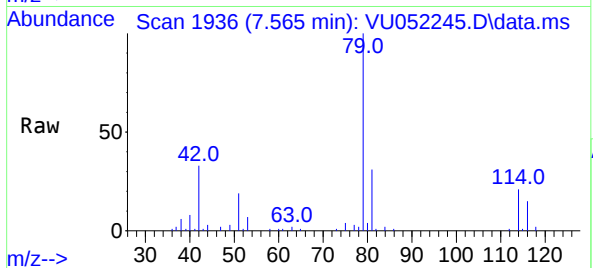




#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.565 min Scan# 11
Delta R.T. -0.039 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

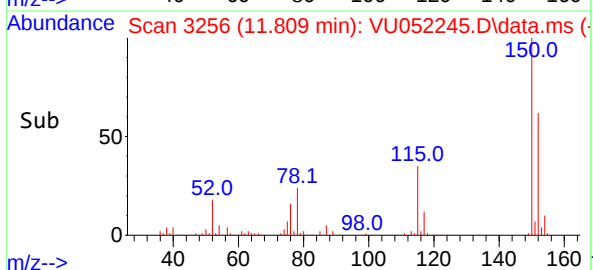
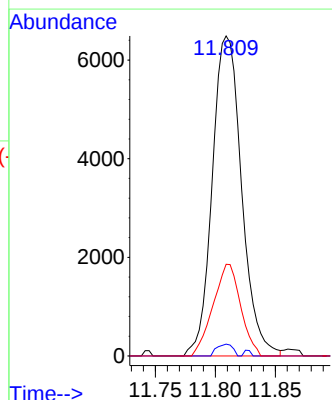
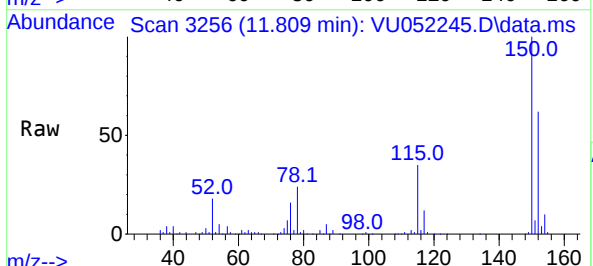
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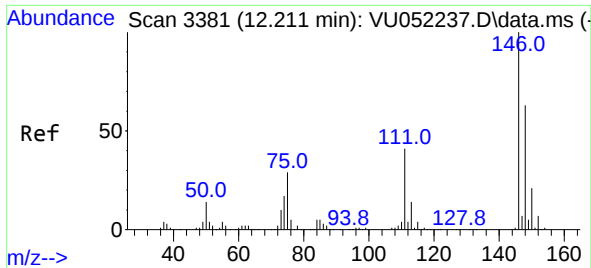
Tgt Ion: 75 Resp: 2174
Ion Ratio Lower Upper
75 100
77 56.6 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 1.069 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 75 Resp: 11039
Ion Ratio Lower Upper
75 100
110 2.0 28.3 42.5#
77 26.9 26.2 39.2





#67
1,2-Dichlorobenzene
Concen: 0.080 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Instrument :
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ClientSampleId :
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Tgt Ion:	146	Resp:	2219
Ion	Ratio	Lower	Upper
146	100		
111	43.0	32.7	49.1
148	74.7	50.6	75.8

