

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034443.D
 Acq On : 27 Feb 2024 12:46
 Operator : SY/MD
 Sample : P1535-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 28 03:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

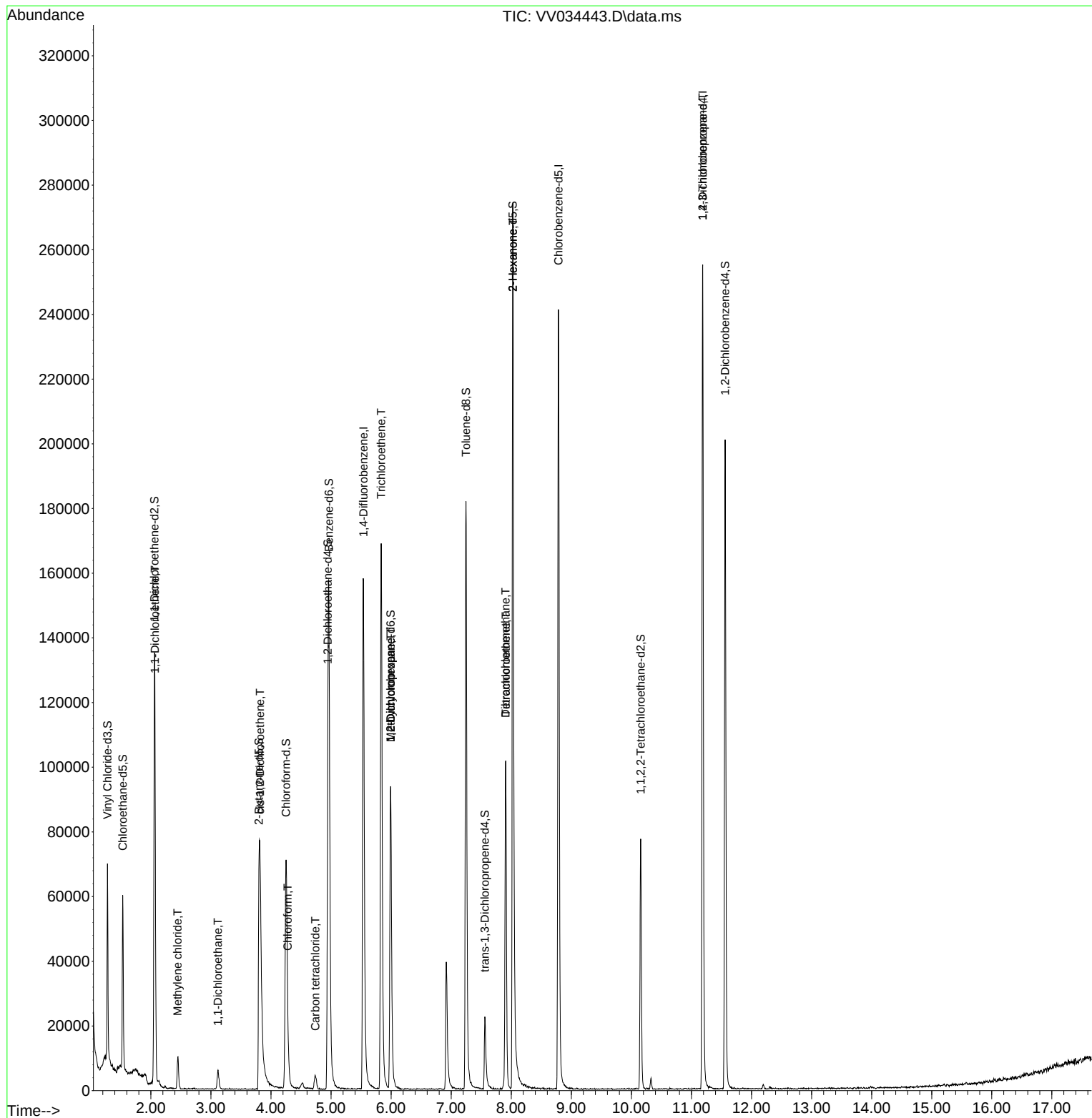
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	138255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	133364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66594	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36244	4.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.532	69	32788	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	16024	4.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.799	46	110966	52.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	4.249	84	76380	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	43236	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.963	84	139279	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.992	67	44410	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.246	98	124034	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.561	79	15166	4.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.024	63	101058	53.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36178	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	50625	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	14567	1.682	ug/L #	45
16) Methylene chloride	2.445	84	4262	0.431	ug/L	88
19) 1,1-Dichloroethane	3.117	63	6537	0.386	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	15584	1.610	ug/L	88
25) Chloroform	4.278	83	3142	0.179	ug/L	98
31) Carbon tetrachloride	4.738	117	3148	0.217	ug/L #	54
34) Trichloroethene	5.834	95	58981	6.119	ug/L	96
35) Methylcyclohexane	5.992	83	10744	0.710	ug/L #	20
37) 1,2-Dichloropropane	5.992	63	5400	0.592	ug/L #	87
47) Tetrachloroethene	7.908	164	22311	2.951	ug/L	97
48) 2-Hexanone	8.027	43	12316	3.064	ug/L #	64
49) Dibromochloromethane	7.905	129	19742	2.732	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	8145	1.585	ug/L #	67

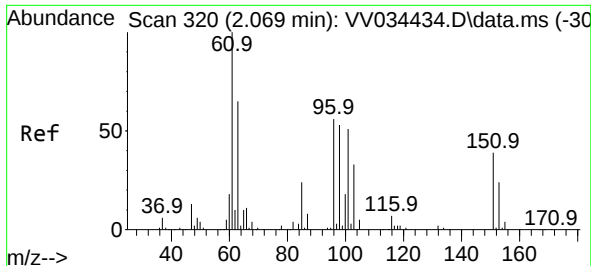
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 28 03:52:36 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.682 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_V

ClientSampleId :

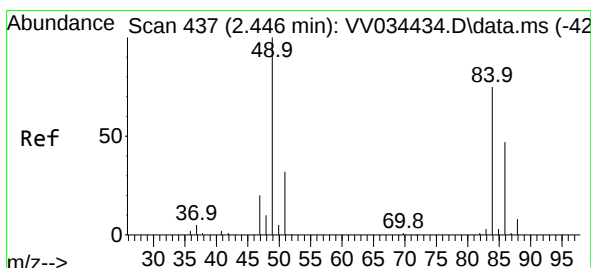
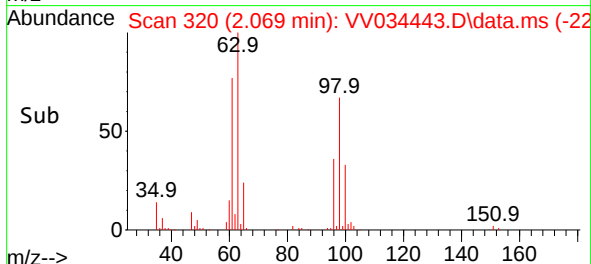
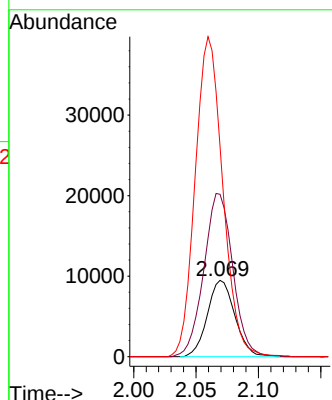
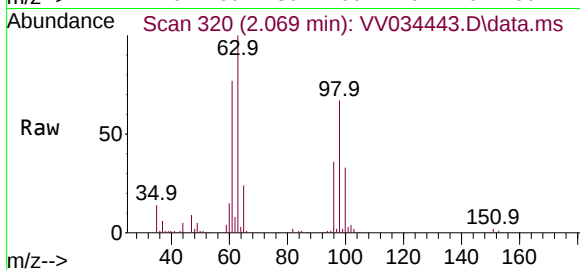
Tgt Ion: 96 Resp: 14567

Ion Ratio Lower Upper

96 100

61 212.9 131.3 243.8

63 275.6 102.8 191.0#



#16

Methylene chloride

Concen: 0.431 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

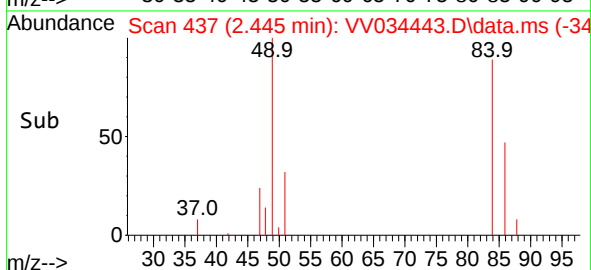
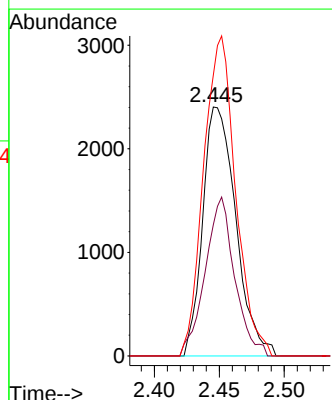
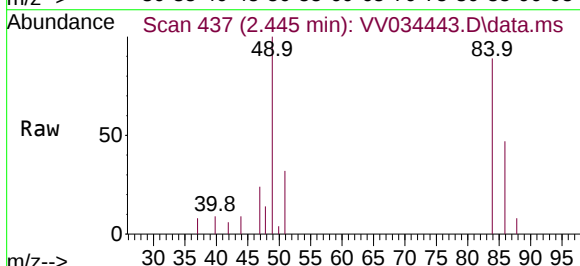
Tgt Ion: 84 Resp: 4262

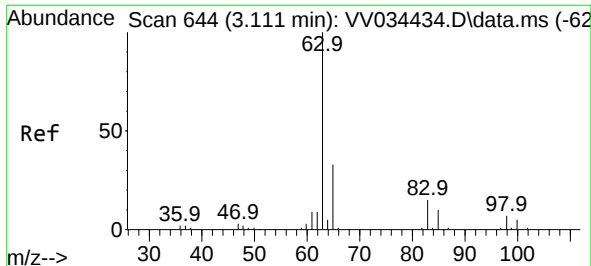
Ion Ratio Lower Upper

84 100

86 52.7 43.8 81.4

49 112.8 87.6 162.8





#19

1,1-Dichloroethane

Concen: 0.386 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_V

ClientSampleId :

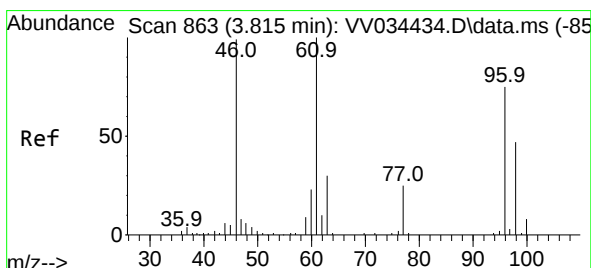
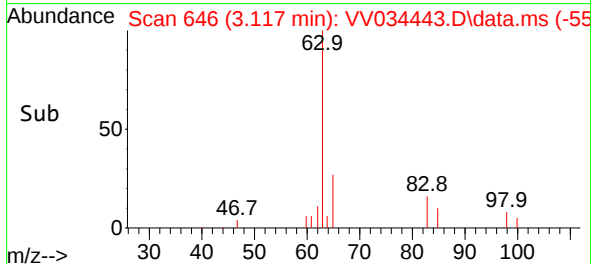
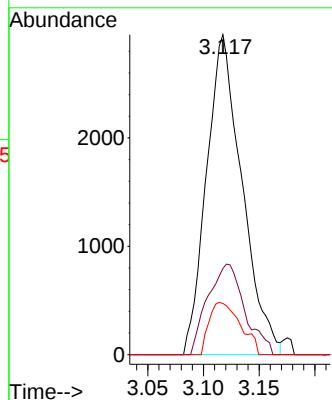
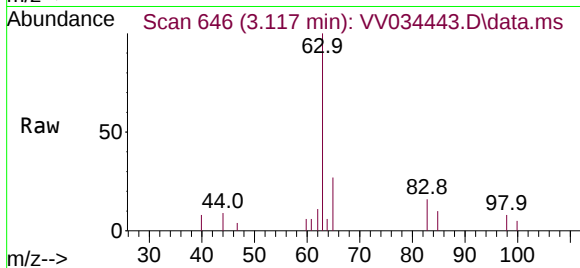
Tgt Ion: 63 Resp: 6537

Ion Ratio Lower Upper

63 100

65 25.5 22.0 41.0

83 15.1 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.610 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

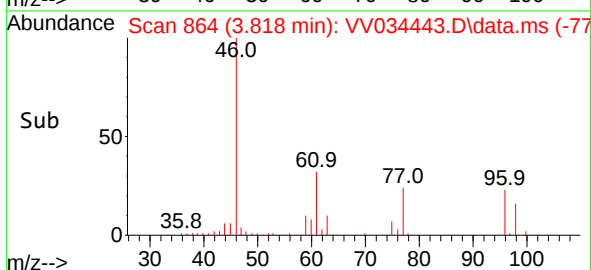
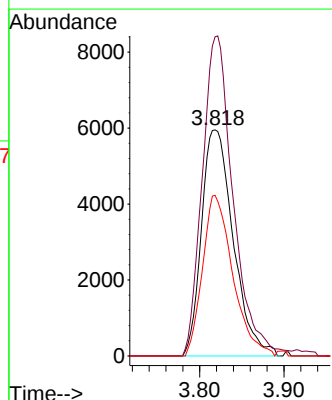
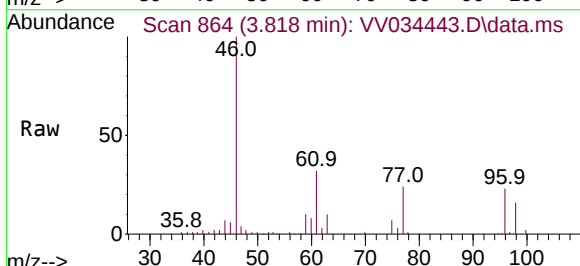
Tgt Ion: 96 Resp: 15584

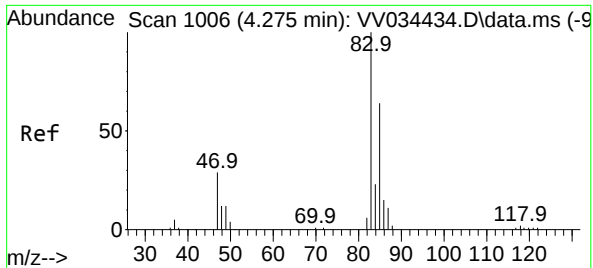
Ion Ratio Lower Upper

96 100

61 141.2 89.7 166.5

98 71.1 42.0 78.0

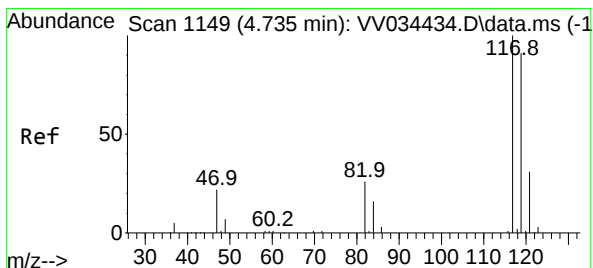
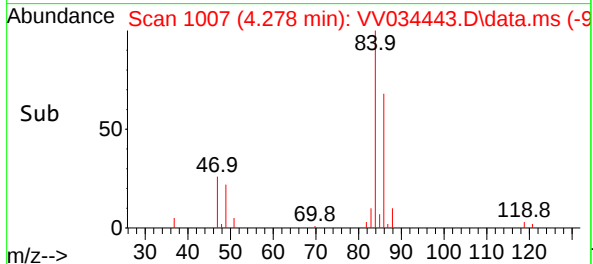
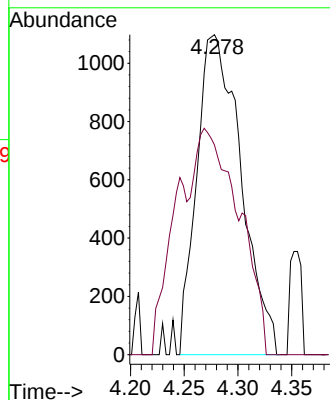
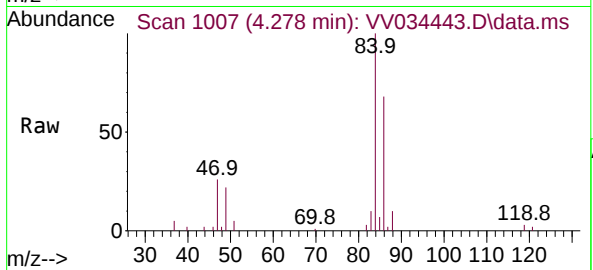




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.278 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV034443.D
Acq: 27 Feb 2024 12:46

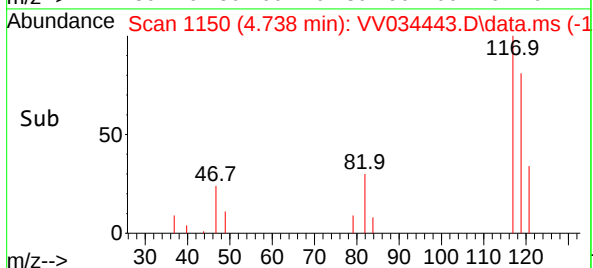
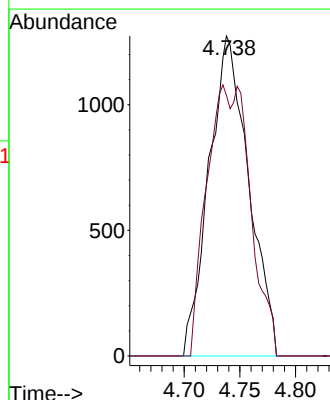
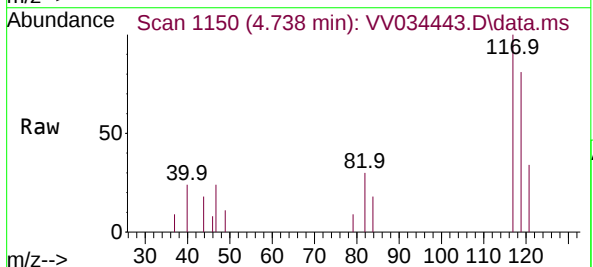
Instrument :
MSVOA_V
ClientSampleId :

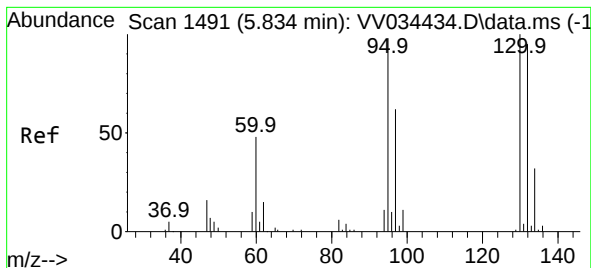
Tgt Ion: 83 Resp: 3142
Ion Ratio Lower Upper
83 100
85 65.6 47.0 87.4



#31
Carbon tetrachloride
Concen: 0.217 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV034443.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 117 Resp: 3148
Ion Ratio Lower Upper
117 100
119 51.5 77.0 115.6#





#34

Trichloroethene

Concen: 6.119 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

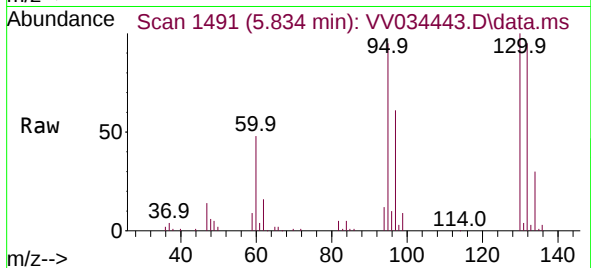
Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 58981

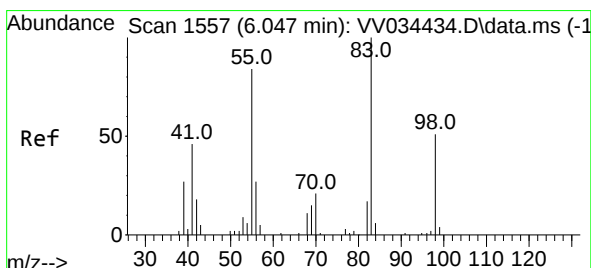
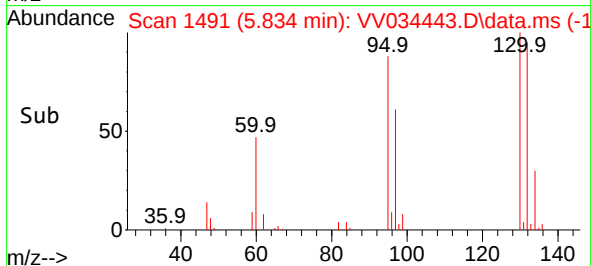
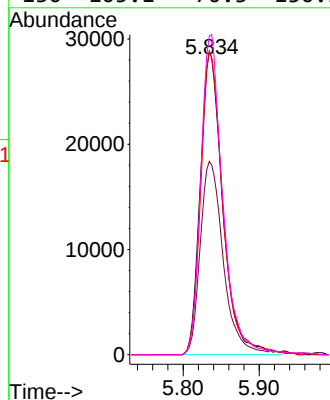
Ion Ratio Lower Upper

95 100

97 63.7 43.3 80.5

132 100.0 67.8 126.0

130 105.1 70.3 130.5



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

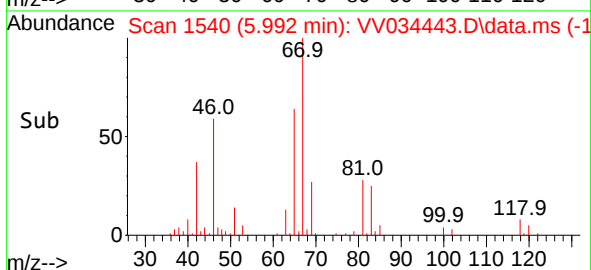
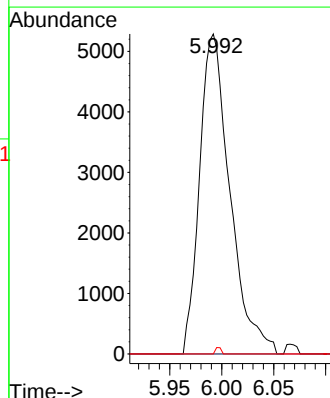
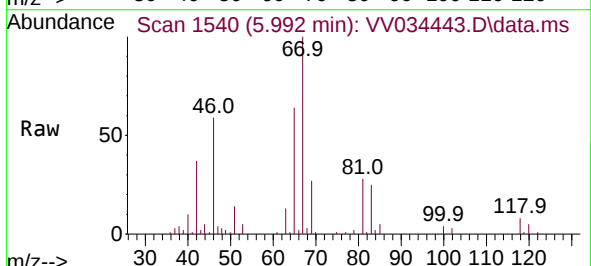
Tgt Ion: 83 Resp: 10744

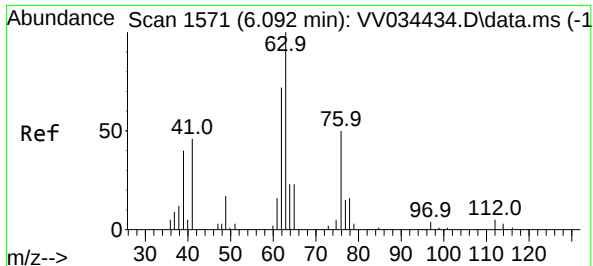
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 4.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_V

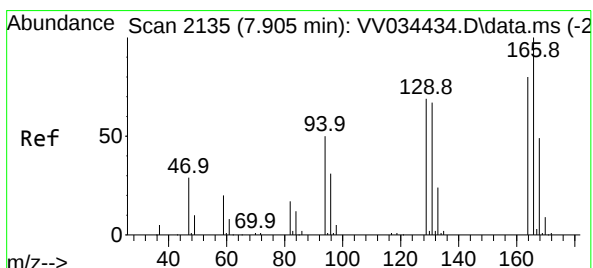
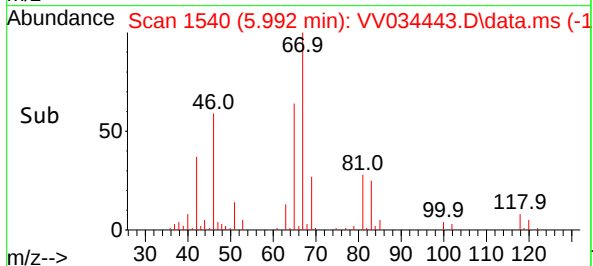
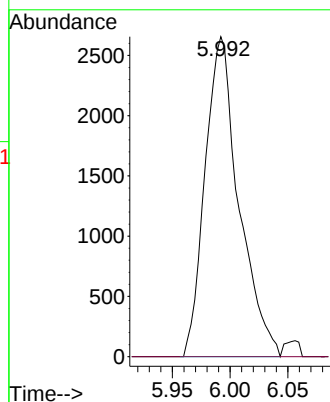
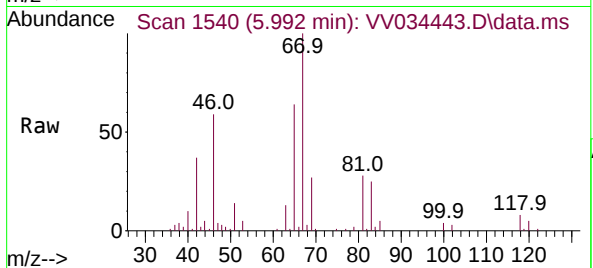
ClientSampleId :

Tgt Ion: 63 Resp: 5400

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 2.951 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV034443.D

Acq: 27 Feb 2024 12:46

Tgt Ion: 164 Resp: 22311

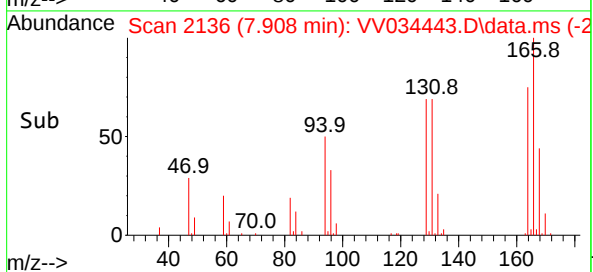
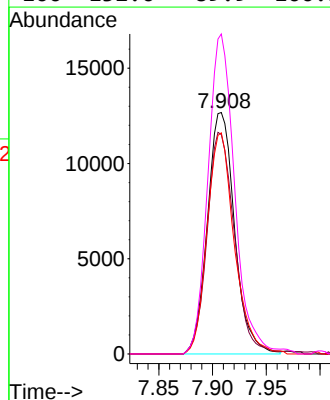
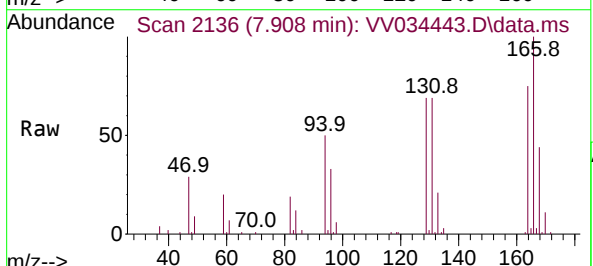
Ion Ratio Lower Upper

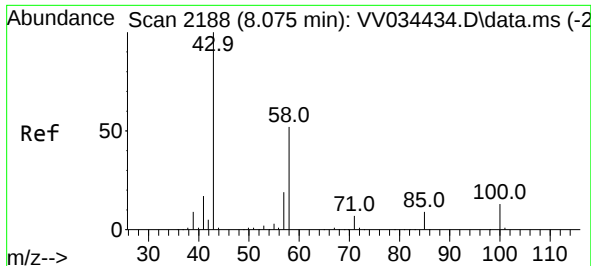
164 100

129 90.9 64.2 119.2

131 91.6 65.9 122.3

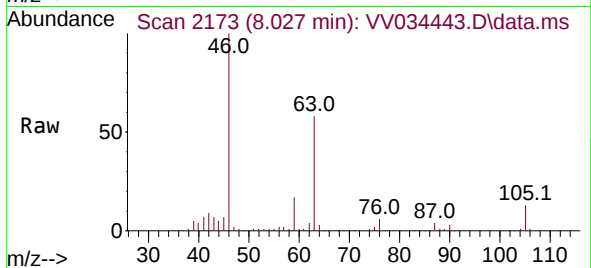
166 132.6 89.9 166.9



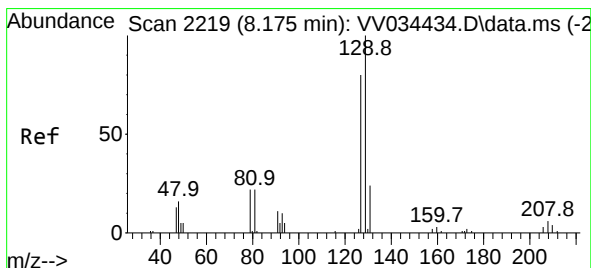
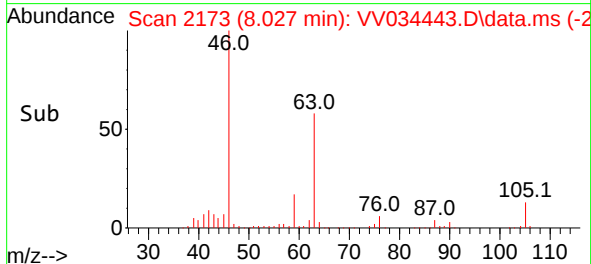
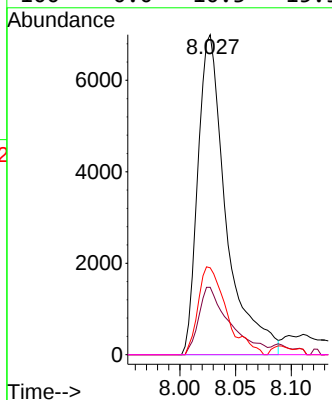


#48
2-Hexanone
Concen: 3.064 ug/L
RT: 8.027 min Scan# 2135
Delta R.T. -0.048 min
Lab File: VV034443.D
Acq: 27 Feb 2024 12:46

Instrument :
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ClientSampleId :

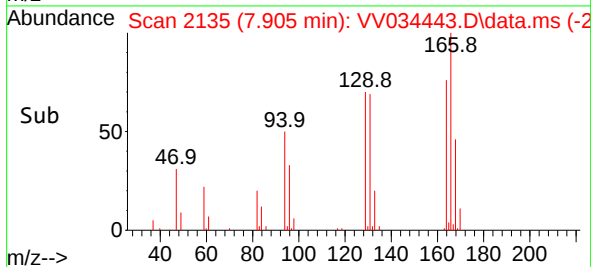
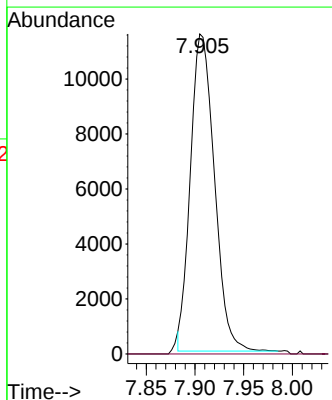
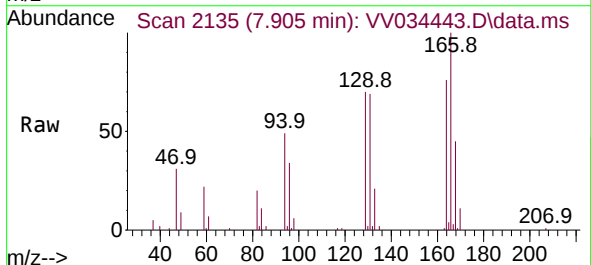


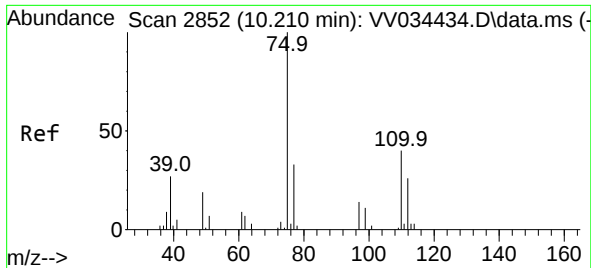
Tgt Ion: 43 Resp: 12316
Ion Ratio Lower Upper
43 100
58 23.3 43.4 65.0#
57 27.6 15.5 23.3#
100 0.0 10.3 15.5#



#49
Dibromochloromethane
Concen: 2.732 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034443.D
Acq: 27 Feb 2024 12:46

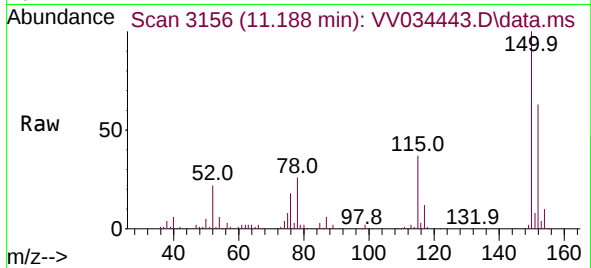
Tgt Ion: 129 Resp: 19742
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.585 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.977 min
 Lab File: VV034443.D
 Acq: 27 Feb 2024 12:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	8145
Ion	Ratio	Lower	Upper
75	100		
77	35.2	27.7	41.5
110	2.3	32.0	48.0

