

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033735.D
 Acq On : 18 Jan 2024 12:55
 Operator : SY/MD
 Sample : P1120-03 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

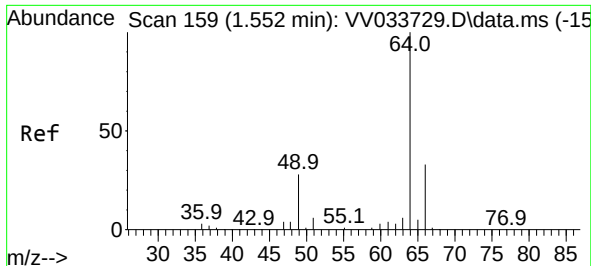
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 00:10:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	99650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36716	6.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.600%
7) Chloroethane-d5	1.536	69	28984	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.063	65	16814	6.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	3.805	46	46710	31.356	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.720%
24) Chloroform-d	4.252	84	60734	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.947	65	27366	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.963	84	124807	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	5.989	67	34578	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.243	98	117880	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	7.561	79	12048	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.030	63	38017	34.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.880%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19528	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	37435	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
8) Chloroethane	1.301	64	71453	10.151	ug/L #	52
12) 1,1-Dichloroethene	2.072	96	19334	2.462	ug/L #	57
16) Methylene chloride	2.455	84	2096	0.226	ug/L	90
19) 1,1-Dichloroethane	3.114	63	45045	2.555	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	80550	8.671	ug/L	98
34) Trichloroethene	5.831	95	91436	9.708	ug/L	97
35) Methylcyclohexane	5.992	83	8562	0.537	ug/L #	15
37) 1,2-Dichloropropane	5.992	63	4275	0.487	ug/L #	87
39) cis-1,3-Dichloropropene	6.911	75	947	0.075	ug/L #	58
47) Tetrachloroethene	7.911	164	685	0.101	ug/L #	61
49) Dibromochloromethane	7.915	129	634	0.104	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	6523	1.603	ug/L #	64
70) 1,2,4-trichlorobenzene	13.204	180	1204	0.105	ug/L	92

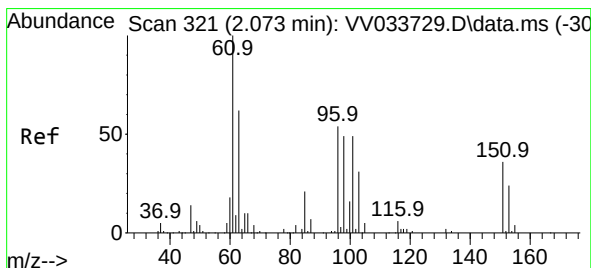
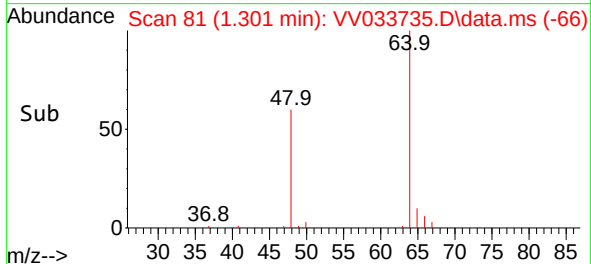
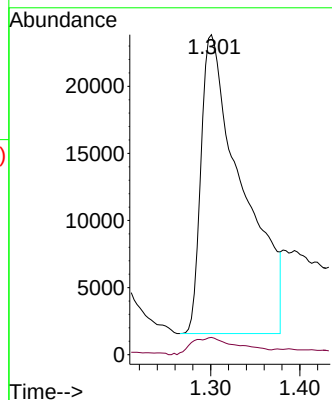
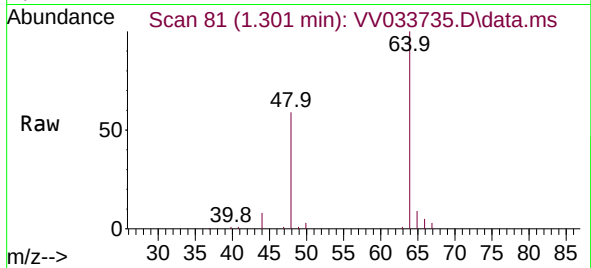
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 10.151 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.251 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

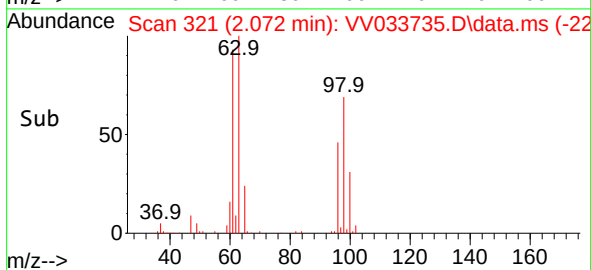
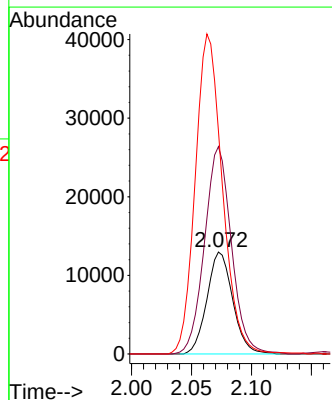
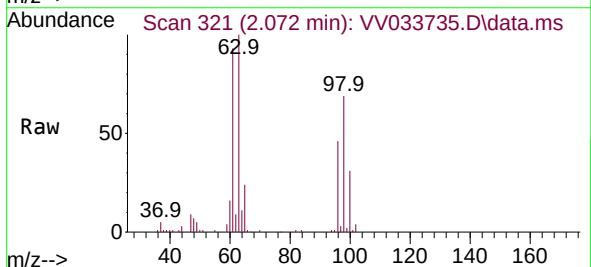
Instrument :
MSVOA_V
ClientSampleId :

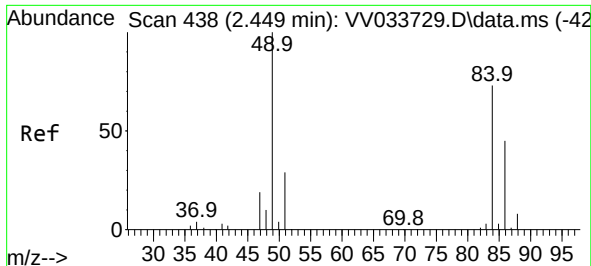
Tgt Ion: 64 Resp: 71453
Ion Ratio Lower Upper
64 100
66 5.4 22.6 42.0#



#12
1,1-Dichloroethene
Concen: 2.462 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

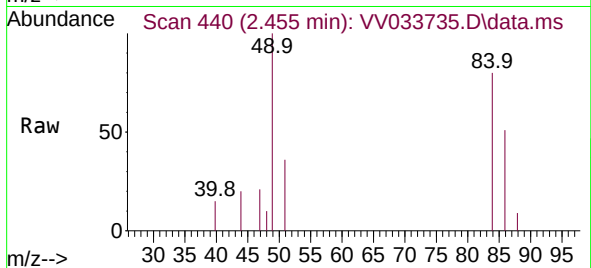
Tgt Ion: 96 Resp: 19334
Ion Ratio Lower Upper
96 100
61 203.5 133.8 248.4
63 218.7 77.2 143.4#



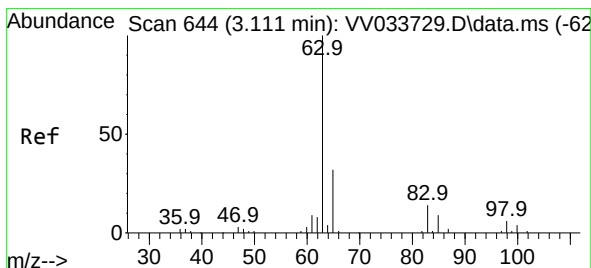
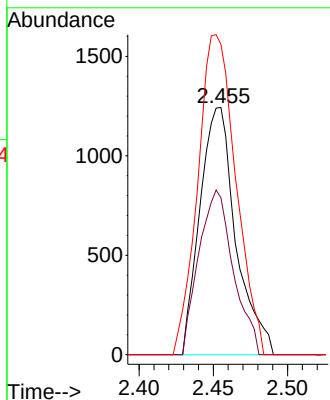
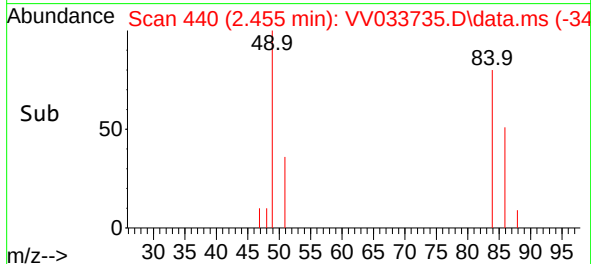


#16
Methylene chloride
Concen: 0.226 ug/L
RT: 2.455 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

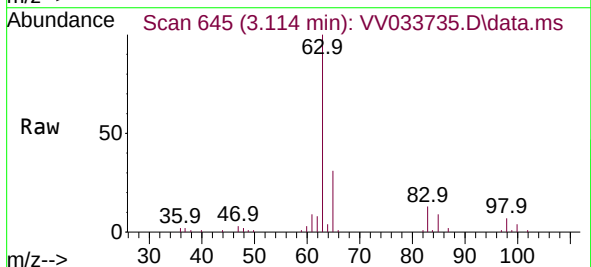
Instrument :
MSVOA_V
ClientSampleId :



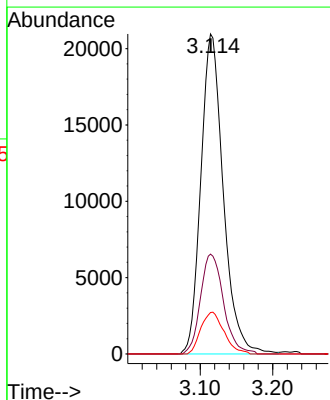
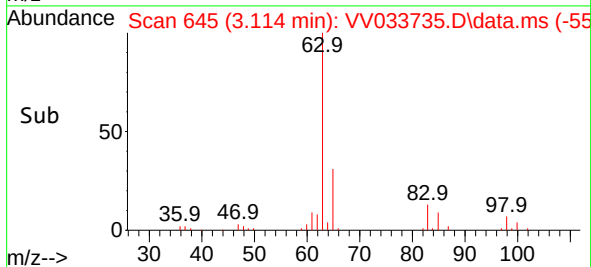
Tgt Ion: 84 Resp: 2096
Ion Ratio Lower Upper
84 100
86 63.5 45.5 84.5
49 125.6 100.3 186.3

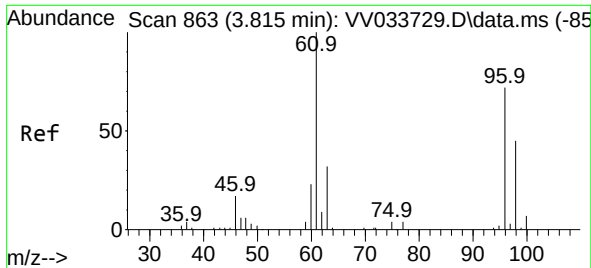


#19
1,1-Dichloroethane
Concen: 2.555 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55



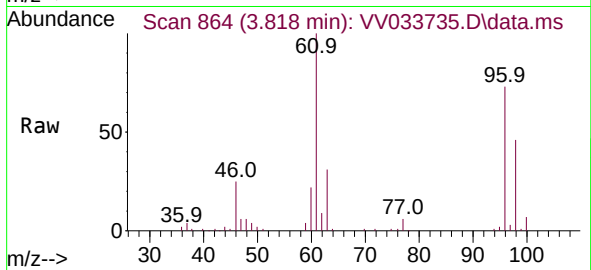
Tgt Ion: 63 Resp: 45045
Ion Ratio Lower Upper
63 100
65 31.2 21.6 40.2
83 13.0 9.1 16.9



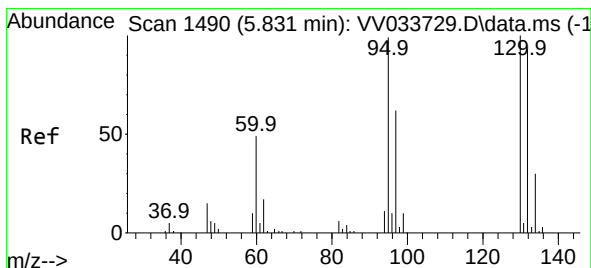
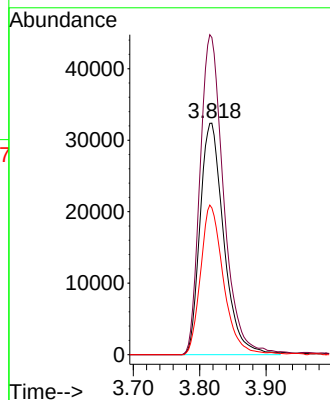
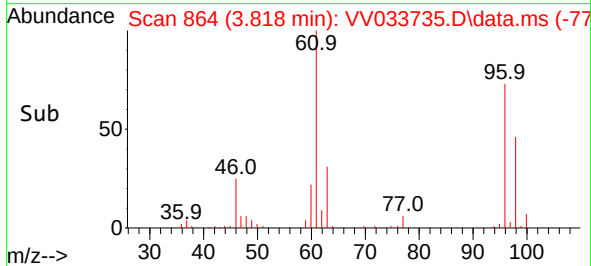


#22
 cis-1,2-Dichloroethene
 Concen: 8.671 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033735.D
 Acq: 18 Jan 2024 12:55

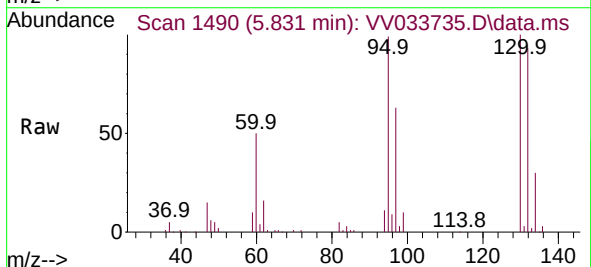
Instrument :
 MSVOA_V
 ClientSampleId :



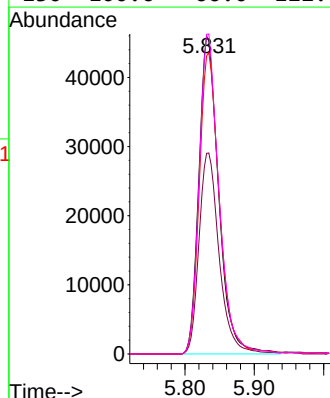
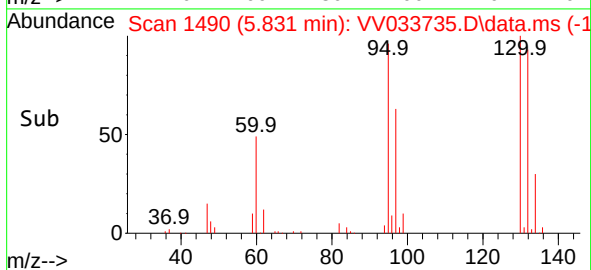
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 Ion Ratio Lower Upper
 96 100
 61 136.9 97.1 180.3
 98 63.4 42.6 79.0

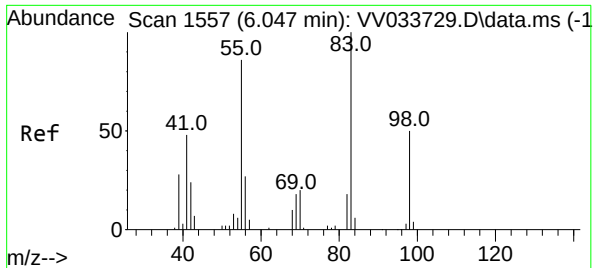


#34
 Trichloroethene
 Concen: 9.708 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. -0.000 min
 Lab File: VV033735.D
 Acq: 18 Jan 2024 12:55



Tgt Ion: 95 Resp: 91436
 Ion Ratio Lower Upper
 95 100
 97 63.2 45.1 83.9
 132 93.8 65.2 121.2
 130 100.6 66.0 122.6

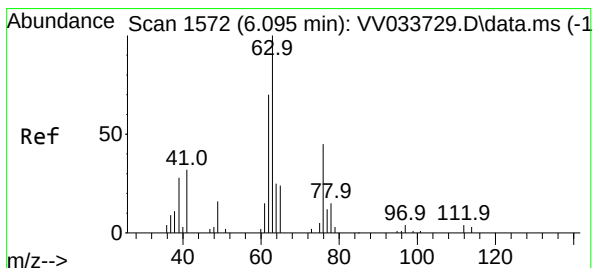
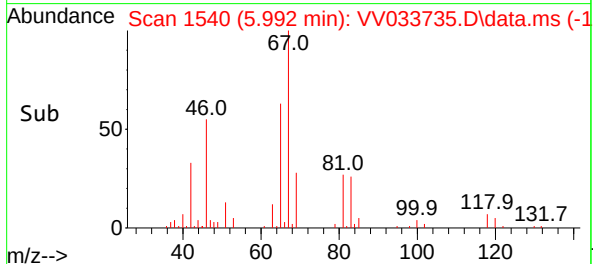
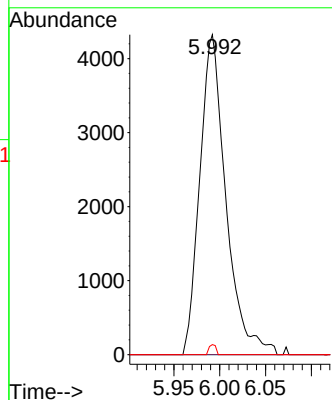
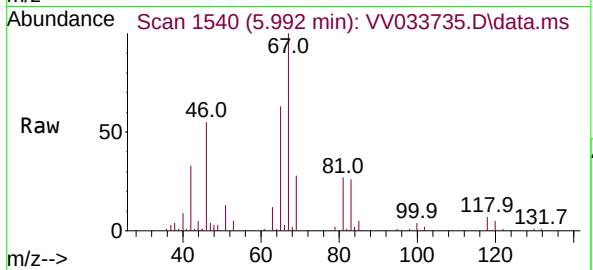




#35
Methylcyclohexane
Concen: 0.537 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

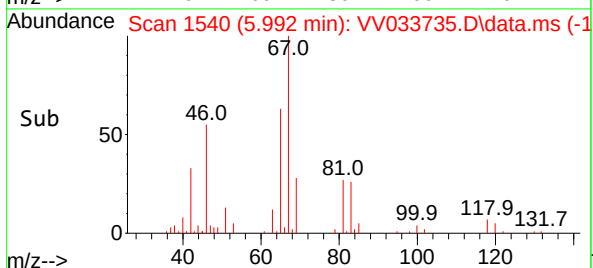
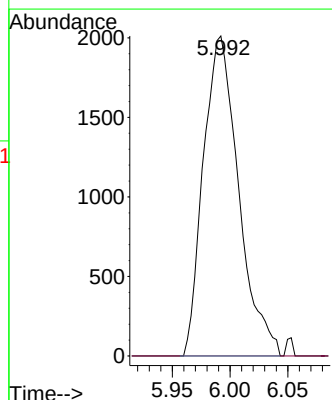
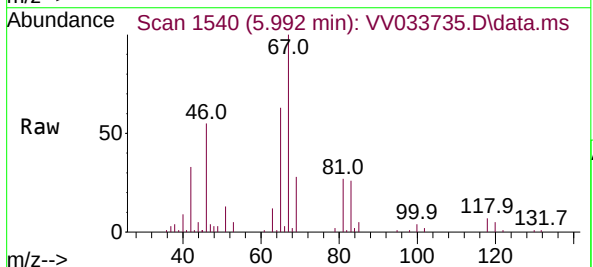
Instrument :
MSVOA_V
ClientSampleId :

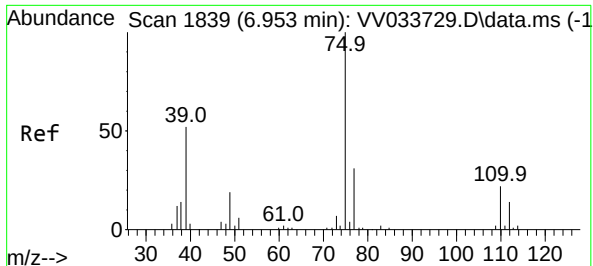
Tgt Ion: 83 Resp: 8562
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 0.8 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

Tgt Ion: 63 Resp: 4275
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV033735.D

Acq: 18 Jan 2024 12:55

Instrument :

MSVOA_V

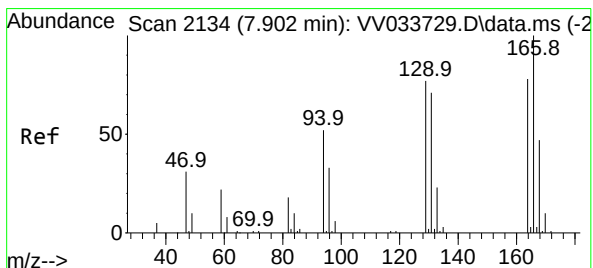
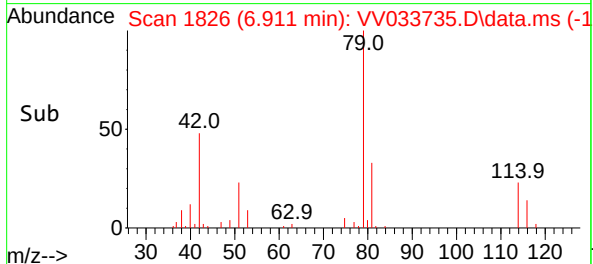
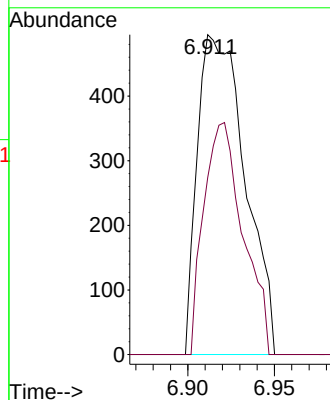
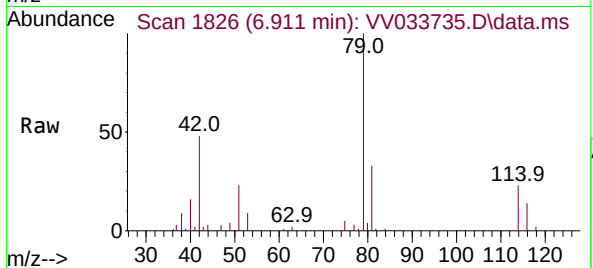
ClientSampleId :

Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

77 55.4 22.5 41.7#



#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.010 min

Lab File: VV033735.D

Acq: 18 Jan 2024 12:55

Tgt Ion: 164 Resp: 685

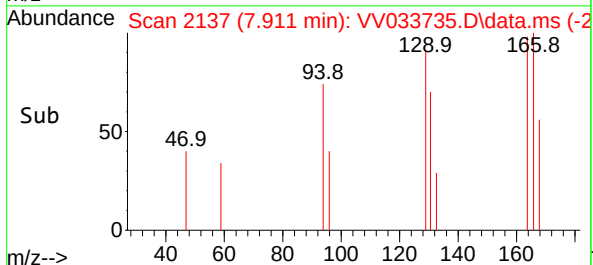
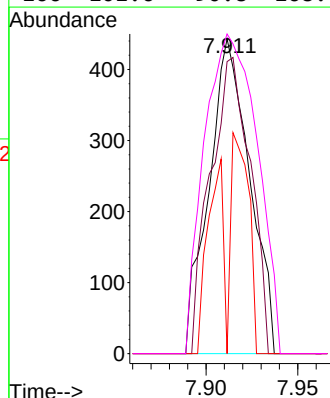
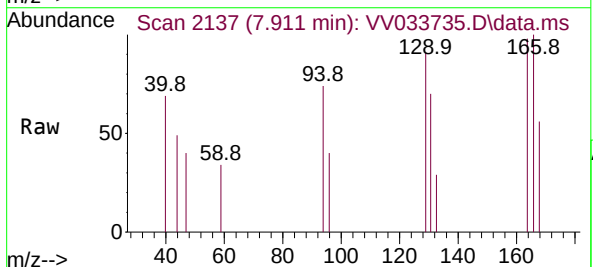
Ion Ratio Lower Upper

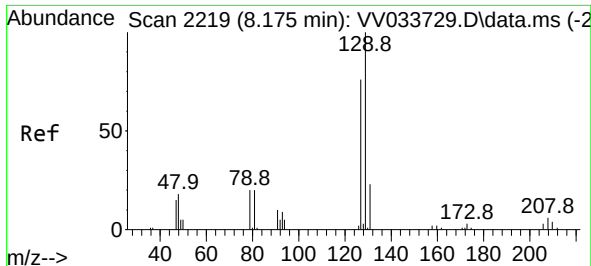
164 100

129 92.8 67.1 124.7

131 0.0 65.0 120.6#

166 101.6 90.8 168.6





#49

Dibromochloromethane

Concen: 0.104 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.261 min

Lab File: VV033735.D

Acq: 18 Jan 2024 12:55

Instrument :

MSVOA_V

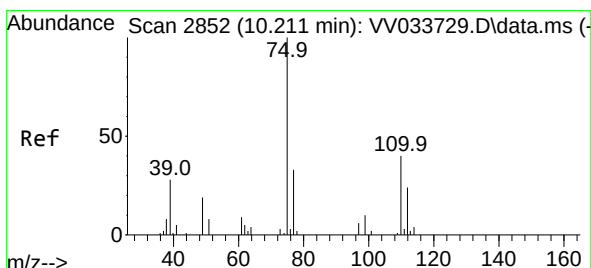
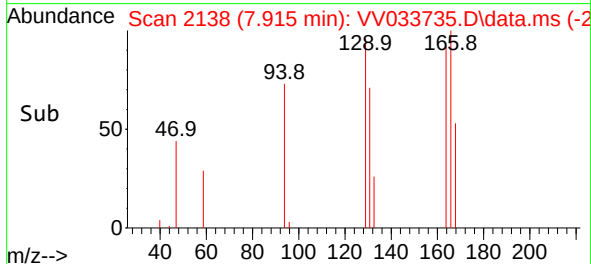
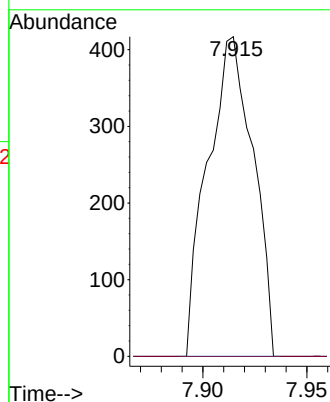
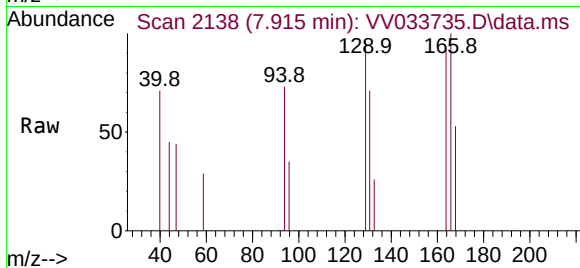
ClientSampleId :

Tgt Ion:129 Resp: 634

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.603 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV033735.D

Acq: 18 Jan 2024 12:55

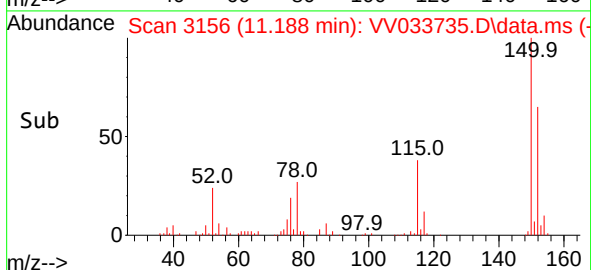
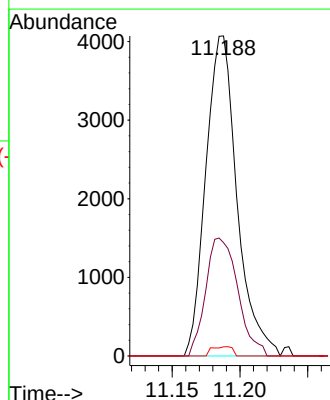
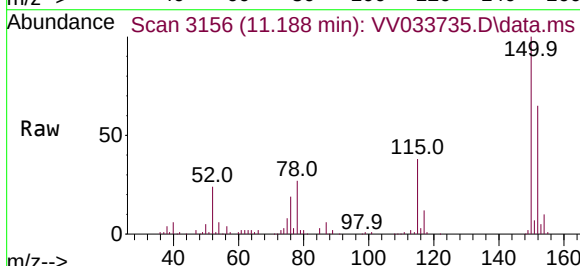
Tgt Ion: 75 Resp: 6523

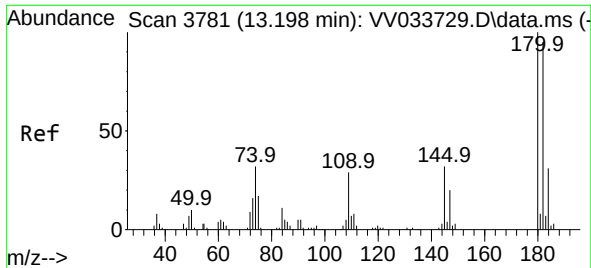
Ion Ratio Lower Upper

75 100

77 37.9 24.7 37.1#

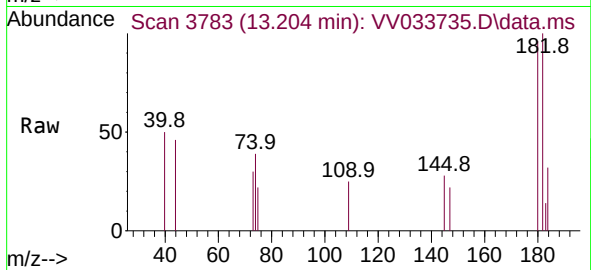
110 1.9 28.0 42.0#





#70
1,2,4-trichlorobenzene
Concen: 0.105 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033735.D
Acq: 18 Jan 2024 12:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.0	75.0	112.6
145	29.3	24.8	37.2

