

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033992.D
 Acq On : 05 Feb 2024 16:50
 Operator : SY/MD
 Sample : P1289-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:16:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	75206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21190	3.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.532	69	19976	3.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.060	65	11209	3.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.799	46	43470	42.390	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.780%
24) Chloroform-d	4.252	84	46482	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	4.947	65	22979	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	4.963	84	88789	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.989	67	25400	4.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.246	98	86390	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.561	79	9884	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.024	63	40790	47.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16573	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	31385	4.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2182	0.277	ug/L	99
5) Vinyl chloride	1.285	62	4694	0.623	ug/L #	1
8) Chloroethane	1.548	64	1205	0.235	ug/L #	79
9) Trichlorofluoromethane	1.716	101	1048	0.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	761	0.134	ug/L #	20
12) 1,1-Dichloroethene	2.072	96	240566	43.678	ug/L #	71
13) Acetone	2.124	43	2488	3.198	ug/L	100
15) Methyl Acetate	2.397	43	566	0.307	ug/L #	53
19) 1,1-Dichloroethane	3.111	63	1013352	98.307	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	5531402	547.826	ug/L	99
31) Carbon tetrachloride	4.516	117	667745	75.581	ug/L	99
34) Trichloroethene	5.841	95	9483	1.453	ug/L	98
35) Methylcyclohexane	5.992	83	6652	0.649	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3258	0.596	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	938	0.113	ug/L #	71
44) trans-1,3-Dichloropropene	7.567	75	575	0.090	ug/L #	75
48) 2-Hexanone	8.024	43	5312	2.880	ug/L #	71
61) 1,2,3-Trichloropropane	11.185	75	4856	1.802	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration

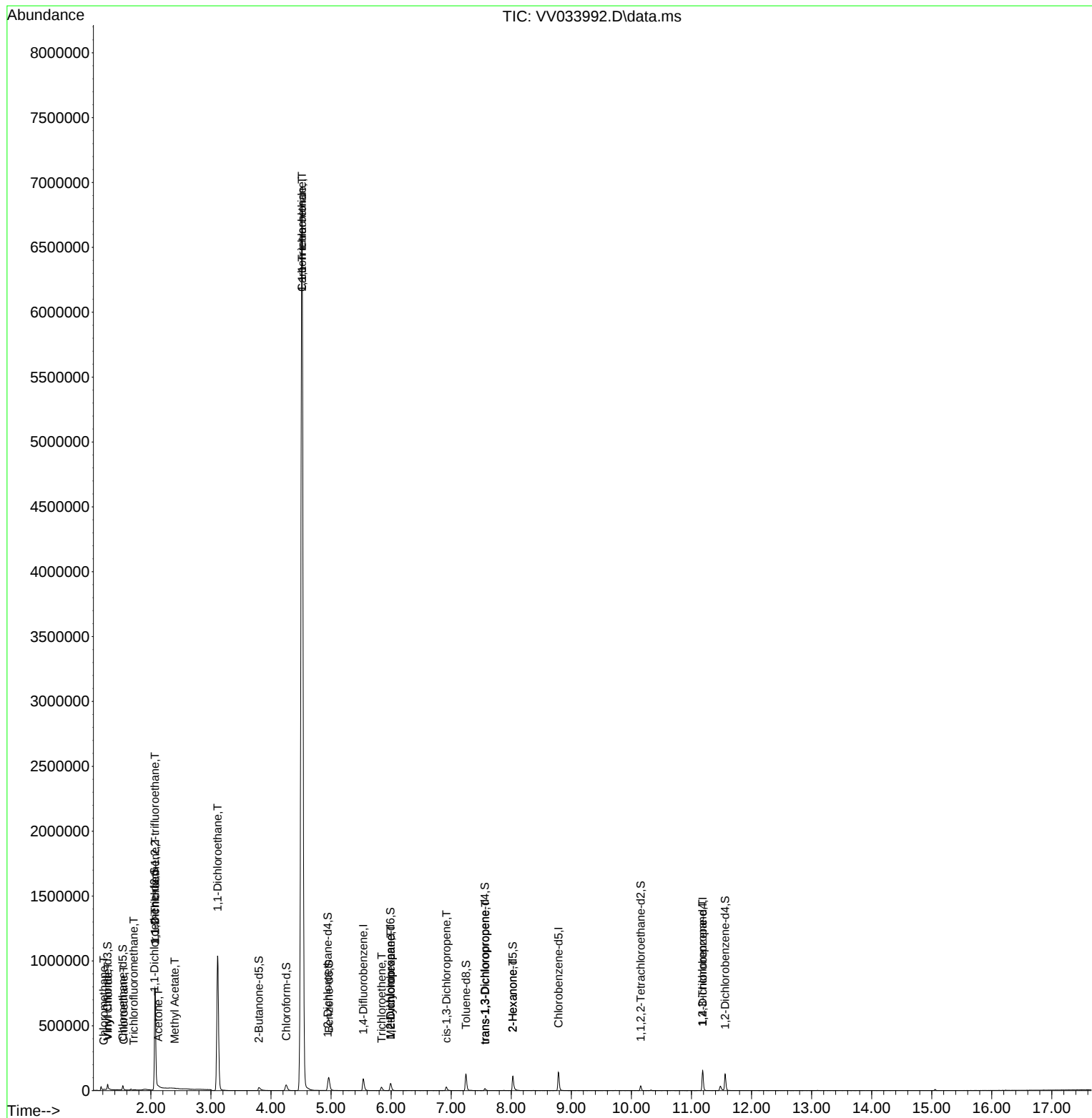
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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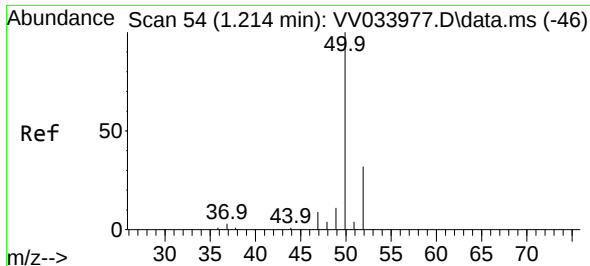
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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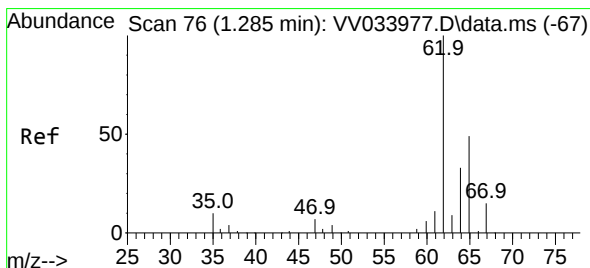
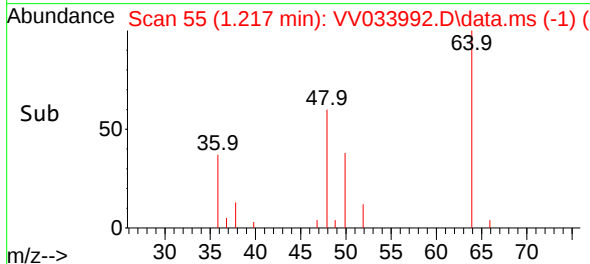
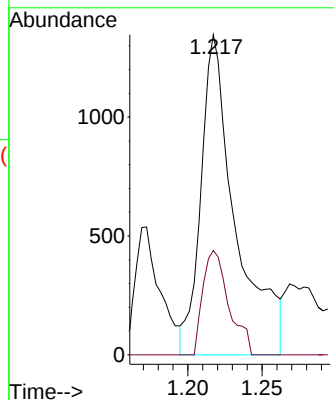
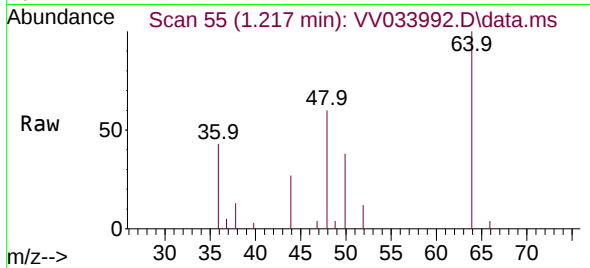




#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

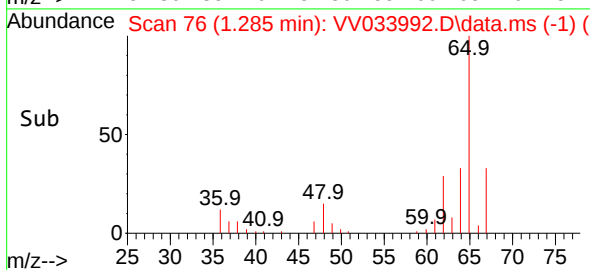
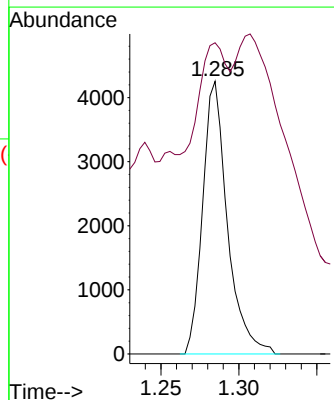
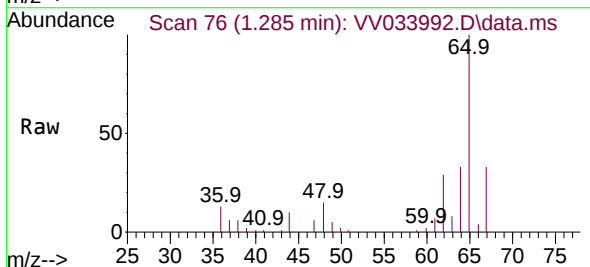
Instrument :
MSVOA_V
ClientSampleId :

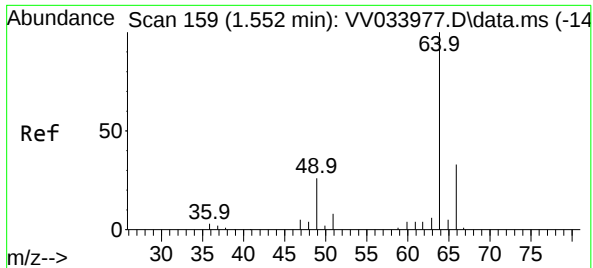
Tgt Ion: 50 Resp: 2182
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.623 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

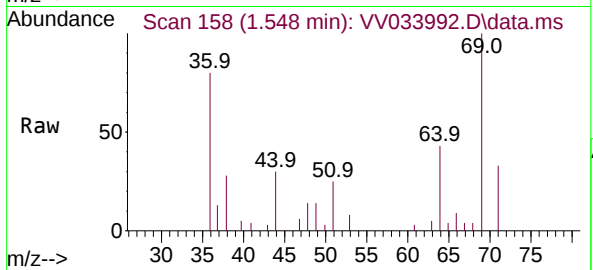
Tgt Ion: 62 Resp: 4694
Ion Ratio Lower Upper
62 100
64 114.1 27.2 50.4#



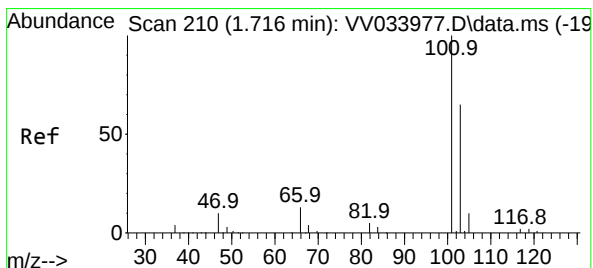
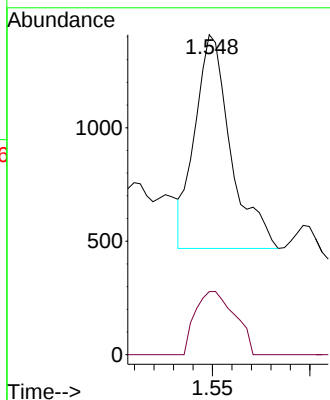
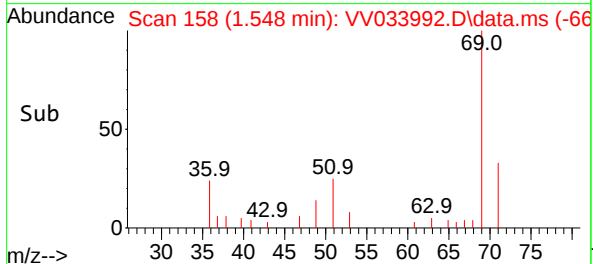


#8
Chloroethane
Concen: 0.235 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

Instrument :
MSVOA_V
ClientSampleId :

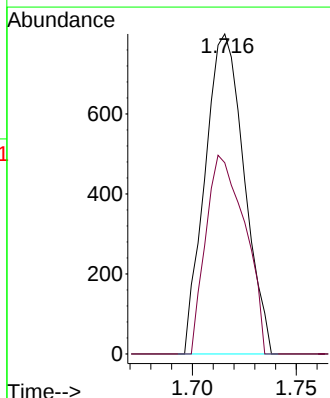
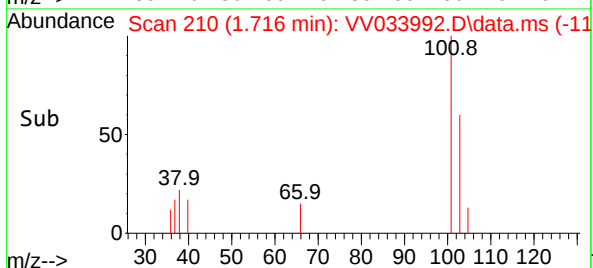
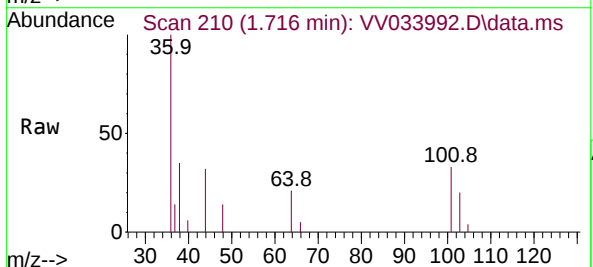


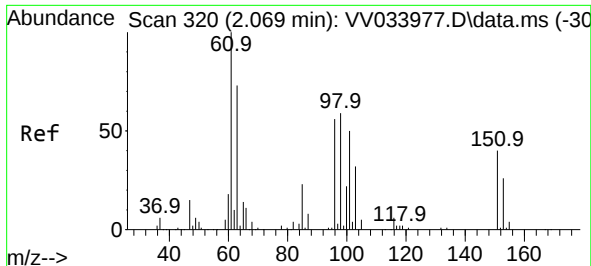
Tgt Ion: 64 Resp: 1205
Ion Ratio Lower Upper
64 100
66 19.7 22.0 41.0#



#9
Trichlorofluoromethane
Concen: 0.097 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

Tgt Ion:101 Resp: 1048
Ion Ratio Lower Upper
101 100
103 62.2 51.0 76.4

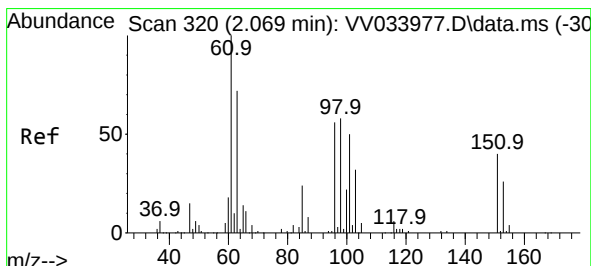
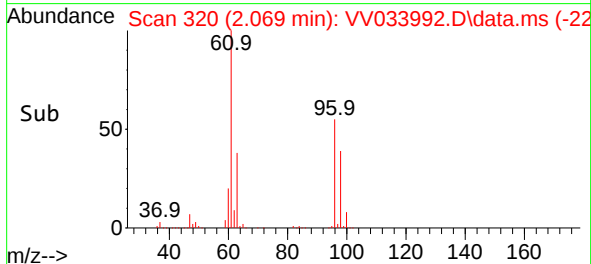
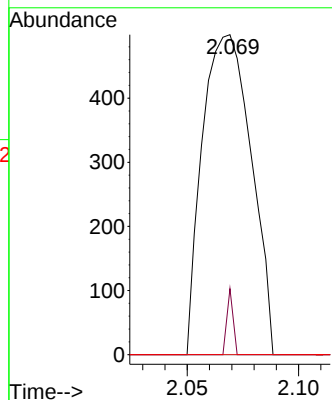
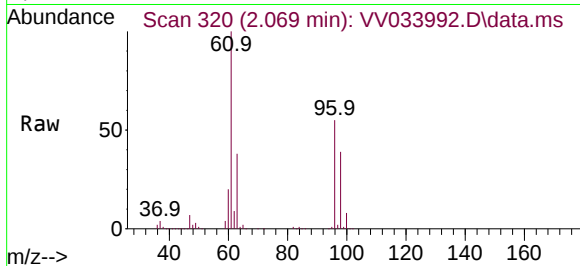




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.134 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033992.D
 Acq: 05 Feb 2024 16:50

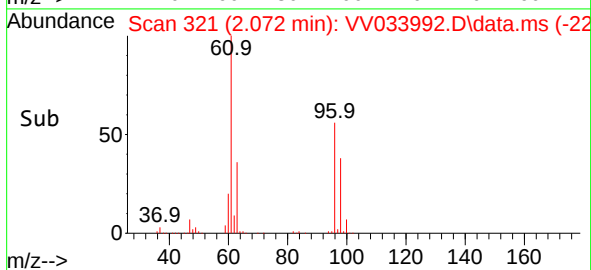
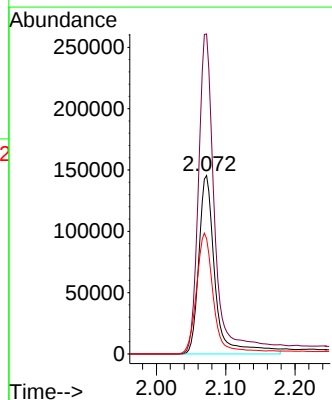
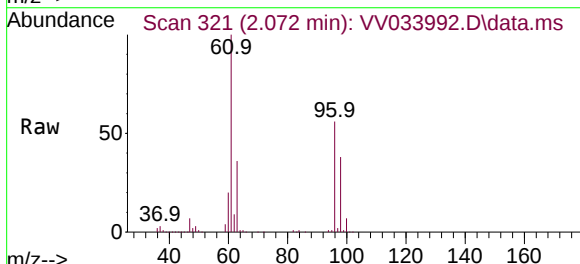
Instrument :
 MSVOA_V
 ClientSampleId :

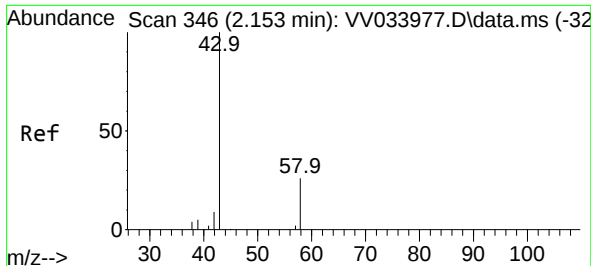
Tgt Ion:101 Resp: 761
 Ion Ratio Lower Upper
 101 100
 85 2.6 37.1 55.7#
 151 0.0 61.7 92.5#



#12
 1,1-Dichloroethene
 Concen: 43.678 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033992.D
 Acq: 05 Feb 2024 16:50

Tgt Ion: 96 Resp: 240566
 Ion Ratio Lower Upper
 96 100
 61 179.4 128.8 239.2
 63 64.7 97.9 181.9#





#13

Acetone

Concen: 3.198 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_V

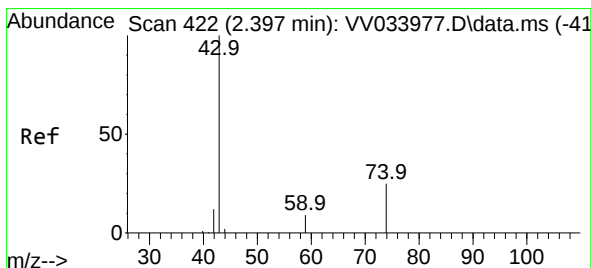
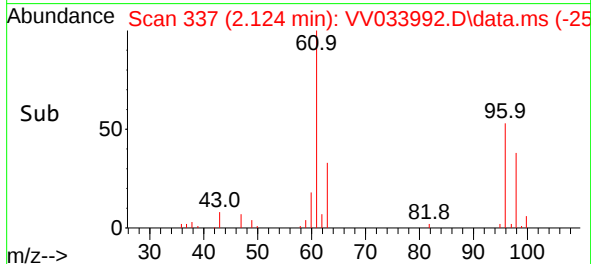
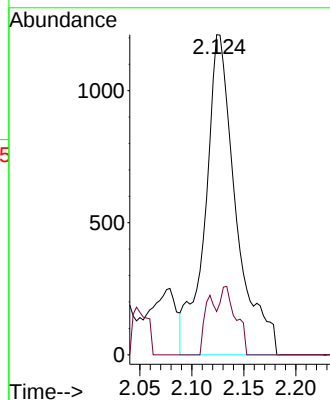
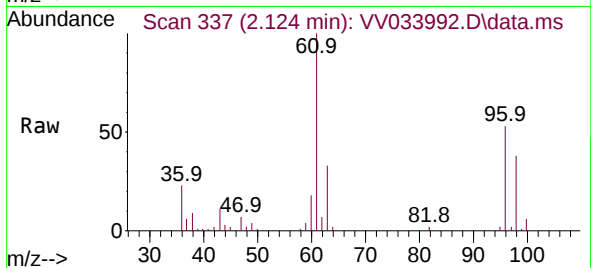
ClientSampleId :

Tgt Ion: 43 Resp: 2488

Ion Ratio Lower Upper

43 100

58 7.0 0.0 13.8



#15

Methyl Acetate

Concen: 0.307 ug/L

RT: 2.397 min Scan# 422

Delta R.T. -0.000 min

Lab File: VV033992.D

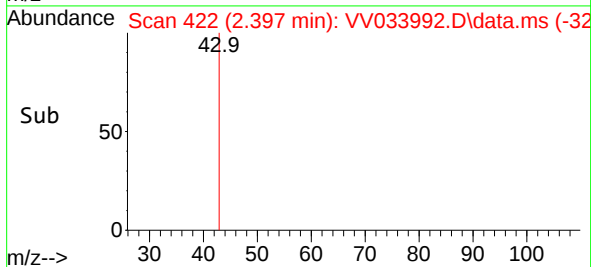
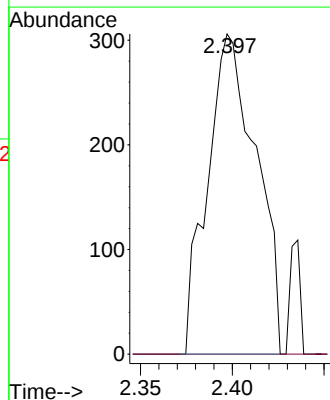
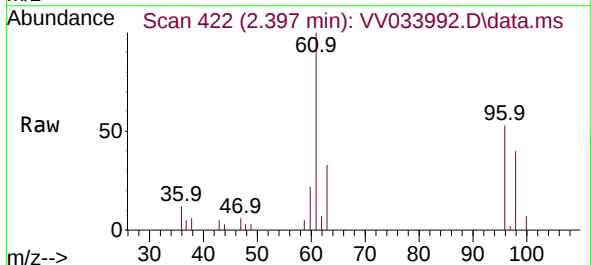
Acq: 05 Feb 2024 16:50

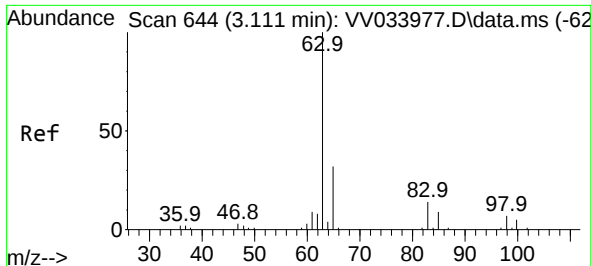
Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#





#19

1,1-Dichloroethane

Concen: 98.307 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

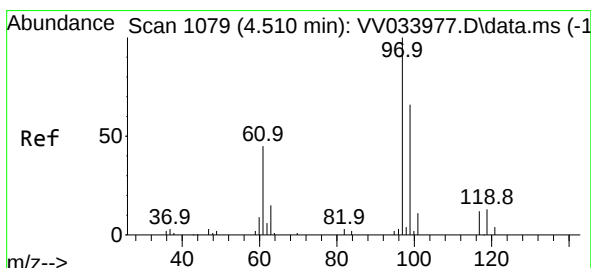
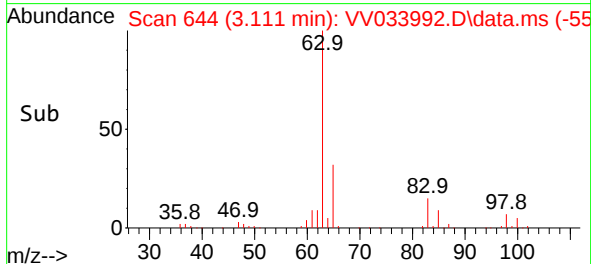
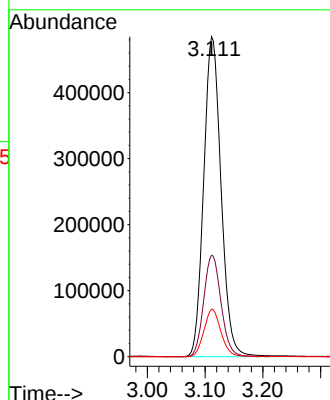
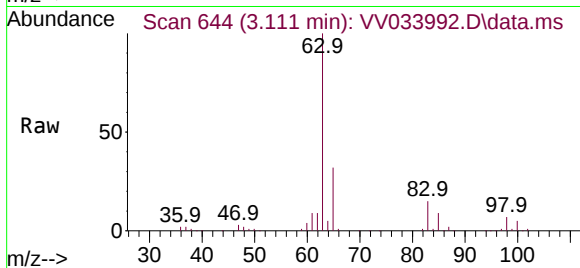
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1013352

Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.8	38.6
83	14.8	9.4	17.4



#29

1,1,1-Trichloroethane

Concen: 547.826 ug/L

RT: 4.516 min Scan# 1081

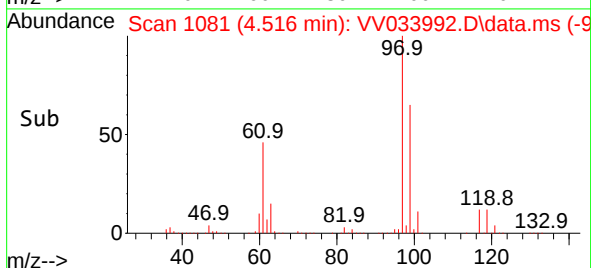
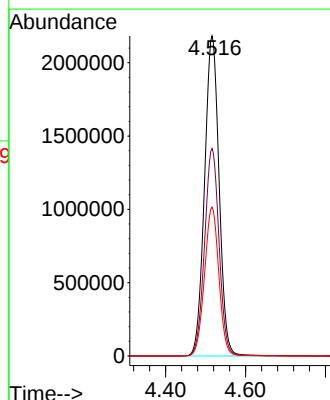
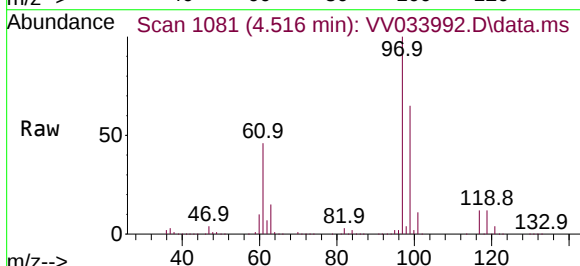
Delta R.T. 0.006 min

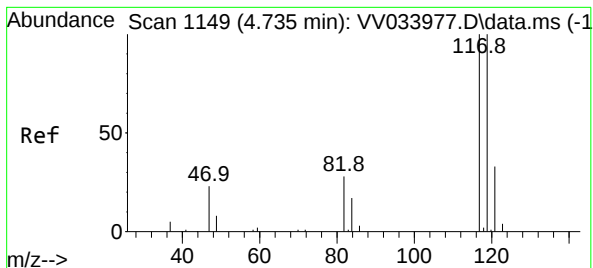
Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

Tgt Ion: 97 Resp: 5531402

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	75.8
61	46.0	36.8	55.2





#31

Carbon tetrachloride

Concen: 75.581 ug/L

RT: 4.516 min Scan# 1149

Delta R.T. -0.219 min

Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_V

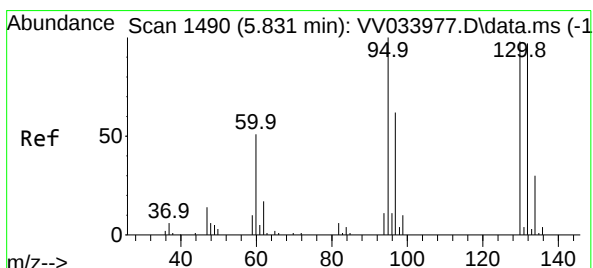
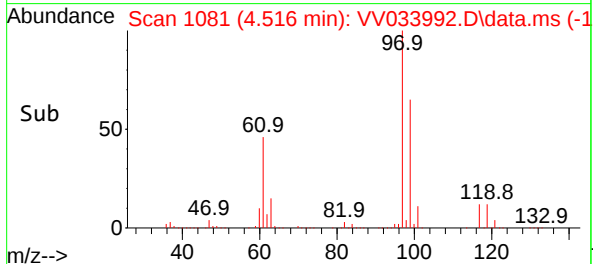
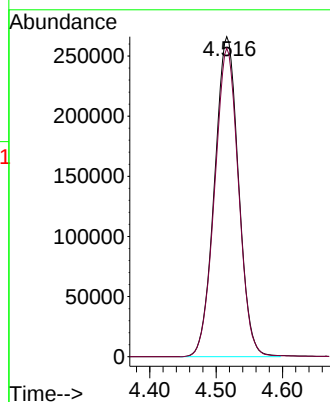
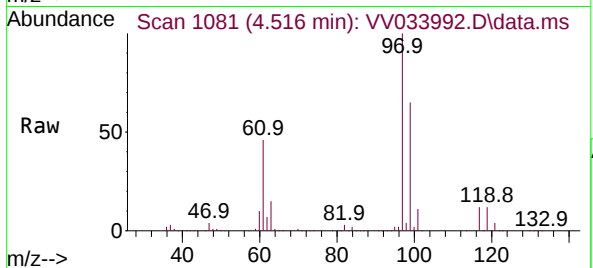
ClientSampleId :

Tgt Ion:117 Resp: 667745

Ion Ratio Lower Upper

117 100

119 96.4 76.1 114.1



#34

Trichloroethene

Concen: 1.453 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

Tgt Ion: 95 Resp: 9483

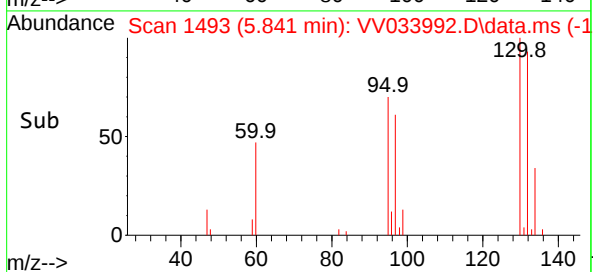
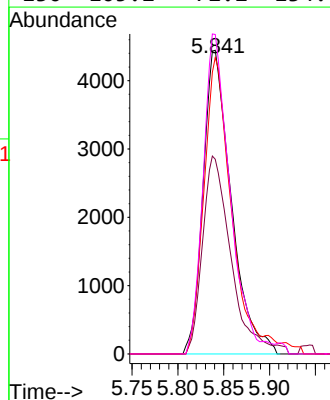
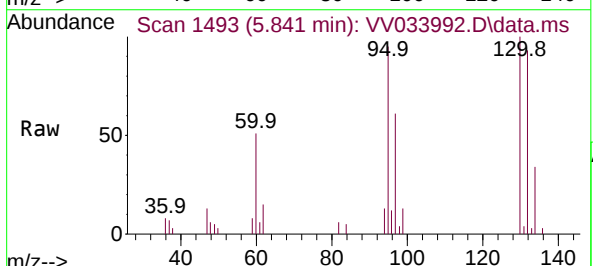
Ion Ratio Lower Upper

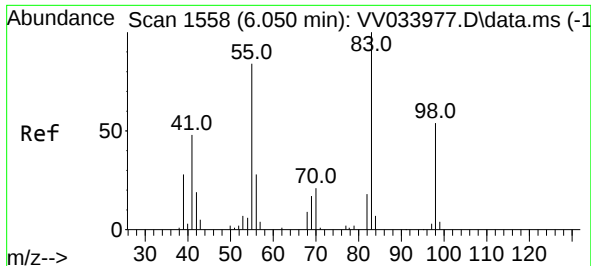
95 100

97 64.1 45.1 83.7

132 97.6 66.0 122.6

130 105.2 72.2 134.0

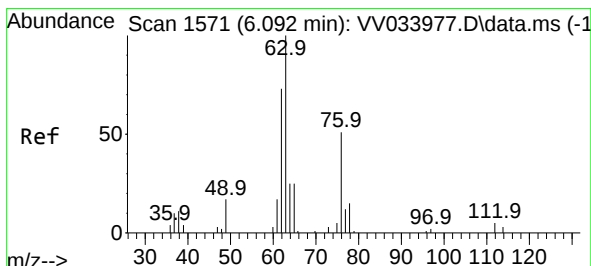
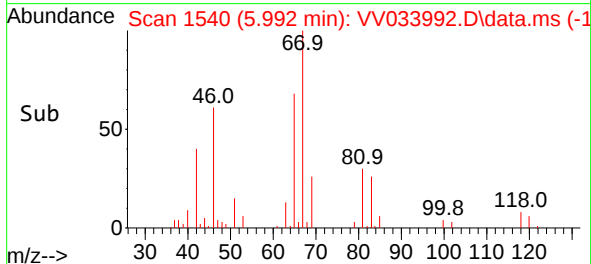
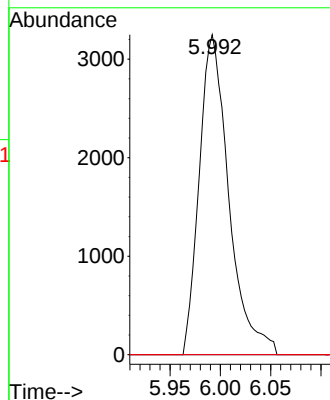
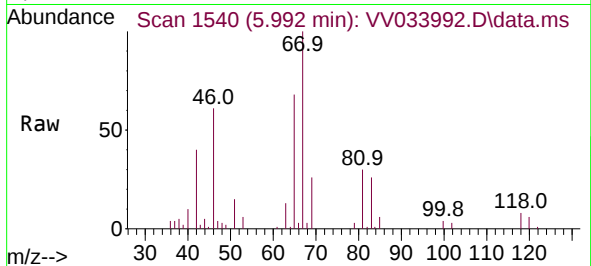




#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

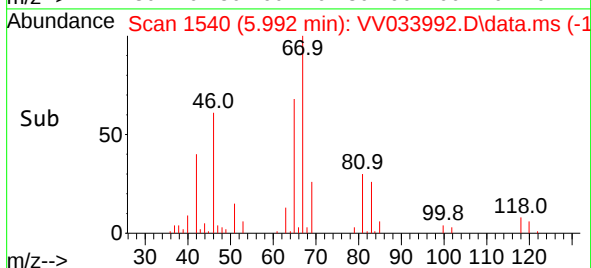
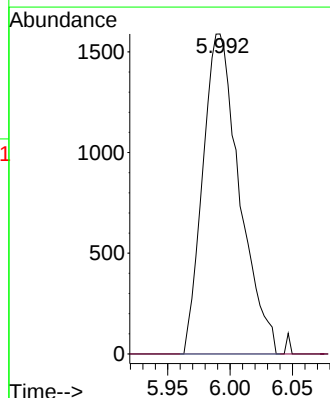
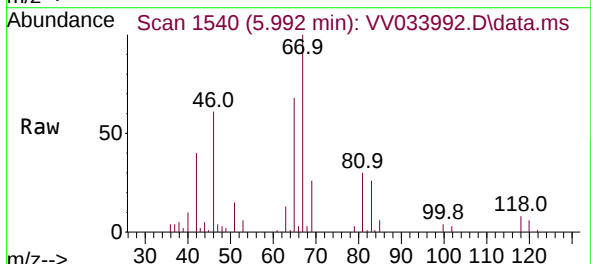
Instrument :
MSVOA_V
ClientSampleId :

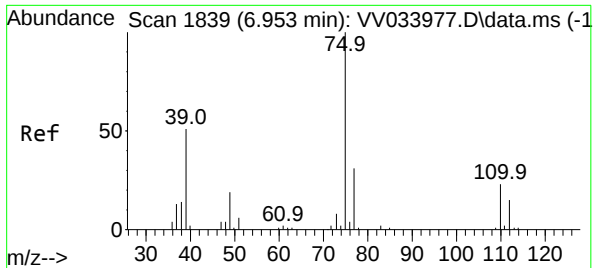
Tgt Ion: 83 Resp: 6652
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

Tgt Ion: 63 Resp: 3258
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV033992.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_V

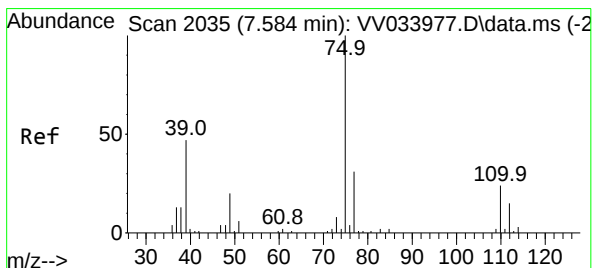
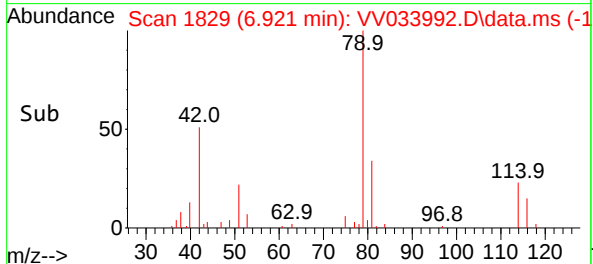
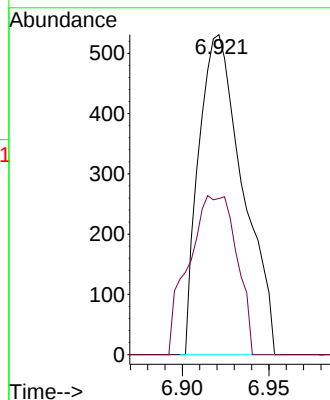
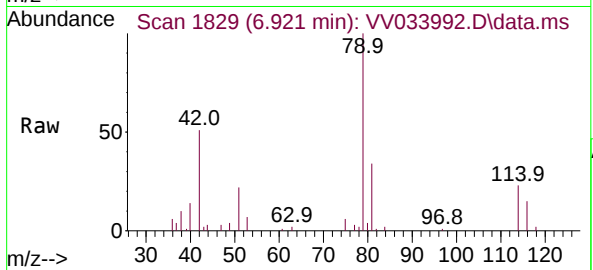
ClientSampleId :

Tgt Ion: 75 Resp: 938

Ion Ratio Lower Upper

75 100

77 48.8 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.016 min

Lab File: VV033992.D

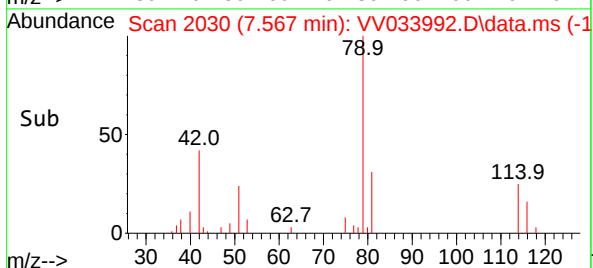
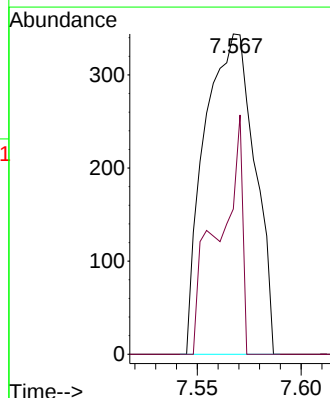
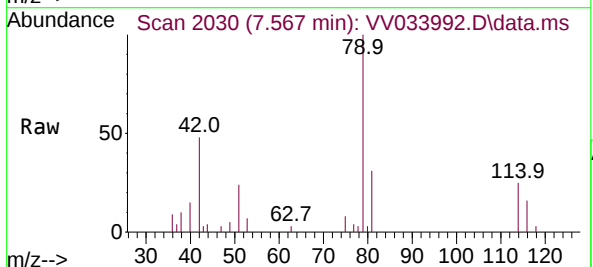
Acq: 05 Feb 2024 16:50

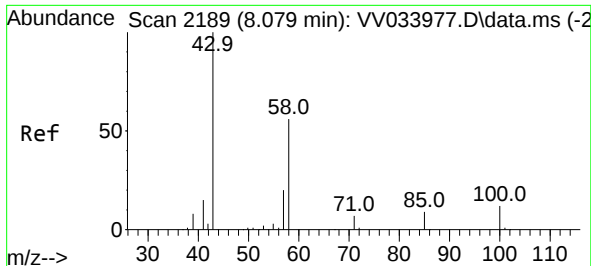
Tgt Ion: 75 Resp: 575

Ion Ratio Lower Upper

75 100

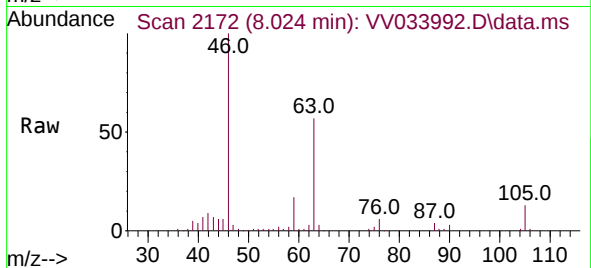
77 45.3 22.2 41.2#



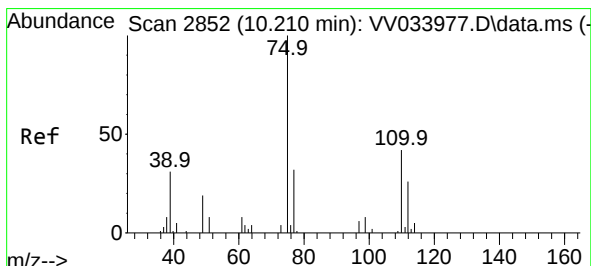
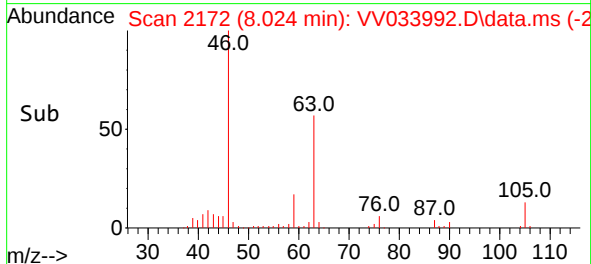
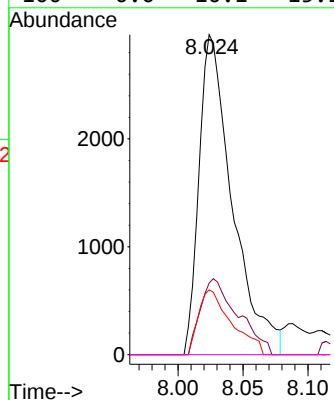


#48
2-Hexanone
Concen: 2.880 ug/L
RT: 8.024 min Scan# 2189
Delta R.T. -0.055 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	5312
Ion	Ratio	Lower	Upper
43	100		
58	26.6	42.6	64.0#
57	20.1	15.5	23.3
100	0.0	10.1	15.1#



#61
1,2,3-Trichloropropane
Concen: 1.802 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033992.D
Acq: 05 Feb 2024 16:50

Tgt Ion:	75	Resp:	4856
Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.9	40.3
110	1.5	33.3	49.9#

