

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033983.D
 Acq On : 05 Feb 2024 13:15
 Operator : SY/MD
 Sample : P1289-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:13:42 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	92719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	86592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42809	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28221	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.536	69	25210	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.060	65	14099	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.815	46	48182	39.952	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.900%
24) Chloroform-d	4.252	84	53786	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	4.944	65	26453	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.963	84	104527	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.989	67	30041	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.246	98	97616	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.561	79	11302	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.027	63	35833	36.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18141	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	34472	4.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%

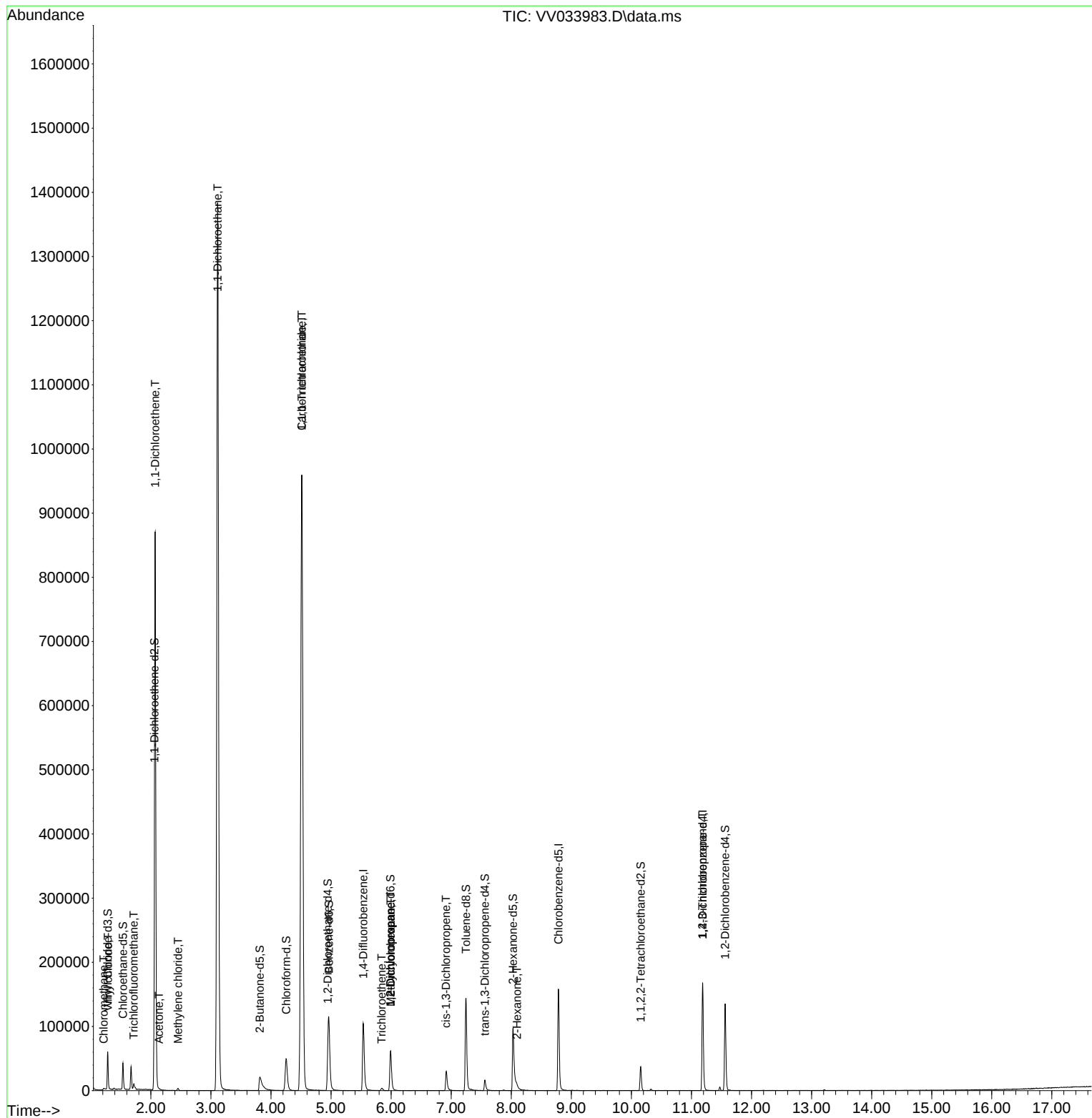
Target Compounds				Qvalue		
3) Chloromethane	1.217	50	1054	0.114	ug/L	99
5) Vinyl chloride	1.285	62	11097	1.253	ug/L	100
9) Trichlorofluoromethane	1.716	101	4206	0.330	ug/L	92
12) 1,1-Dichloroethene	2.072	96	236373	36.493	ug/L #	73
13) Acetone	2.137	43	1599	1.748	ug/L #	66
16) Methylene chloride	2.455	84	1395	0.224	ug/L	82
19) 1,1-Dichloroethane	3.111	63	1370908	113.087	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	789550	67.914	ug/L	99
31) Carbon tetrachloride	4.513	117	96295	9.466	ug/L	99
34) Trichloroethene	5.844	95	1487	0.198	ug/L	93
35) Methylcyclohexane	5.992	83	7317	0.620	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3678	0.585	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	804	0.084	ug/L #	73
48) 2-Hexanone	8.095	43	8264	3.892	ug/L #	91
61) 1,2,3-Trichloropropane	11.185	75	5329	1.811	ug/L #	60

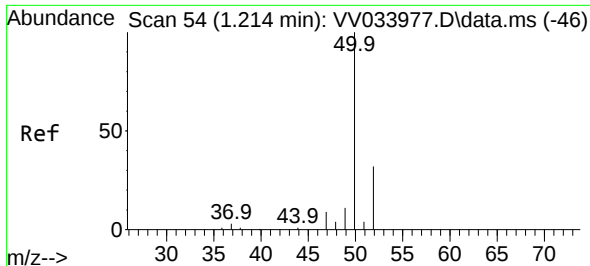
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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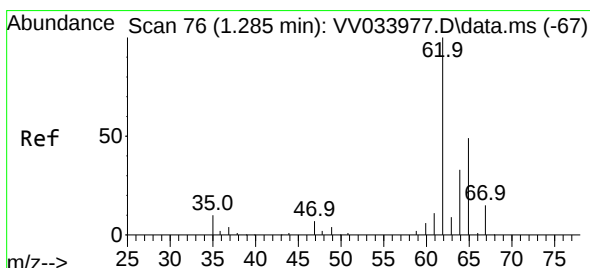
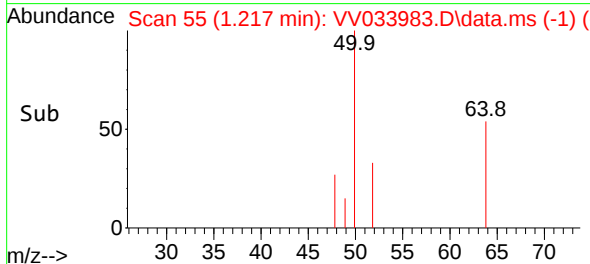
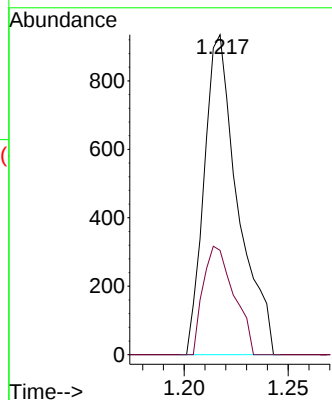
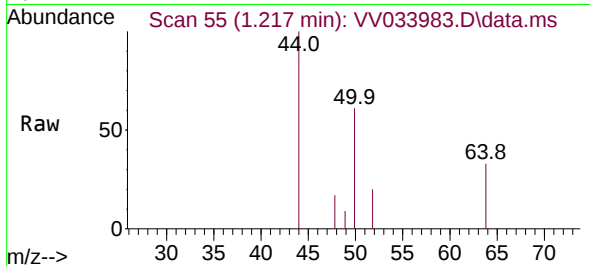




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

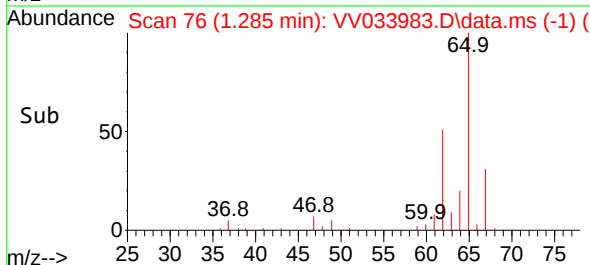
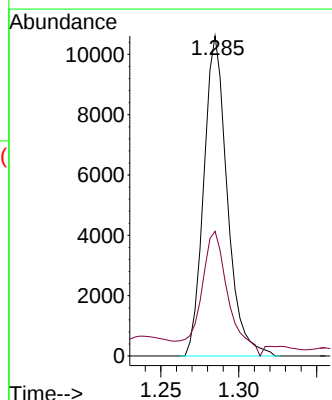
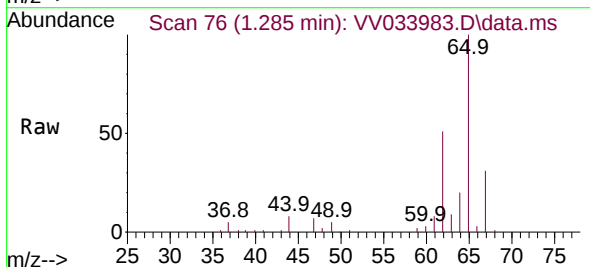
Instrument :
MSVOA_V
ClientSampleId :

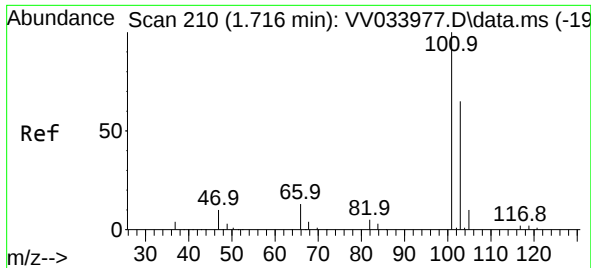
Tgt Ion: 50 Resp: 1054
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4



#5
Vinyl chloride
Concen: 1.253 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

Tgt Ion: 62 Resp: 11097
Ion Ratio Lower Upper
62 100
64 39.0 27.2 50.4

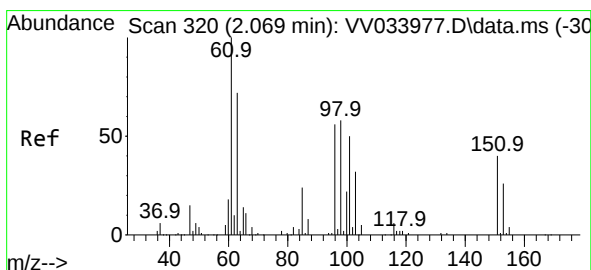
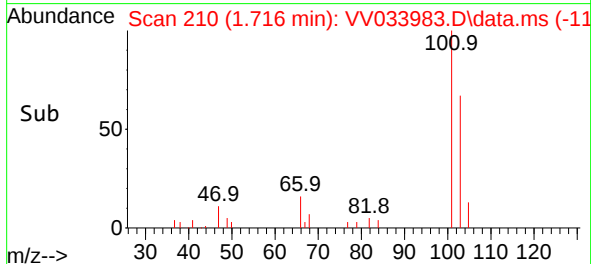
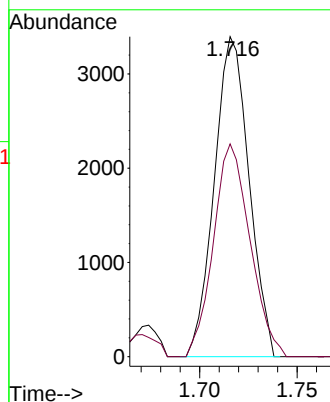
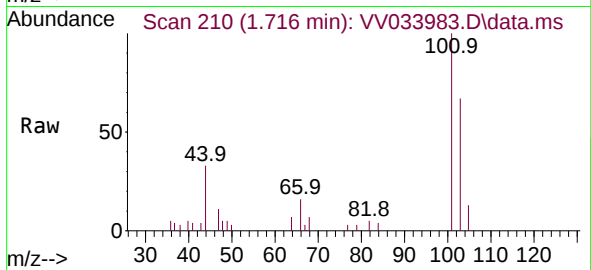




#9
 Trichlorofluoromethane
 Concen: 0.330 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV033983.D
 Acq: 05 Feb 2024 13:15

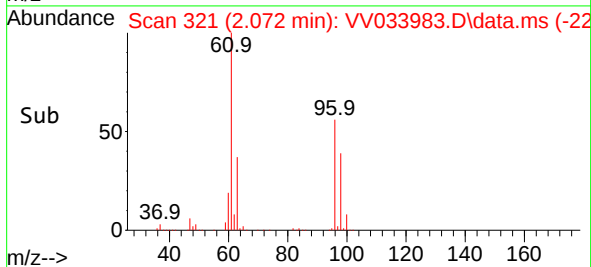
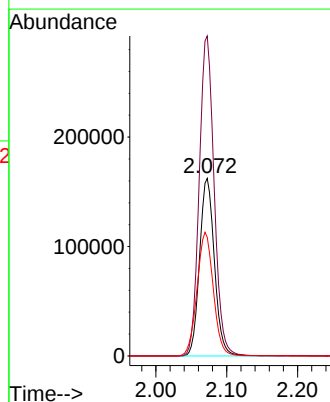
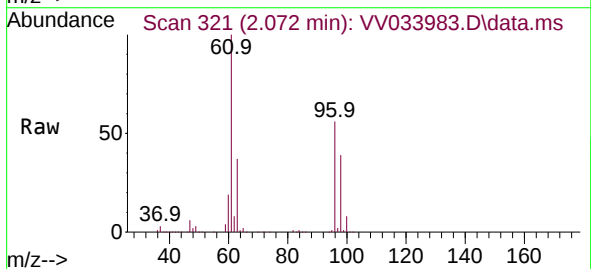
Instrument :
 MSVOA_V
 ClientSampleId :

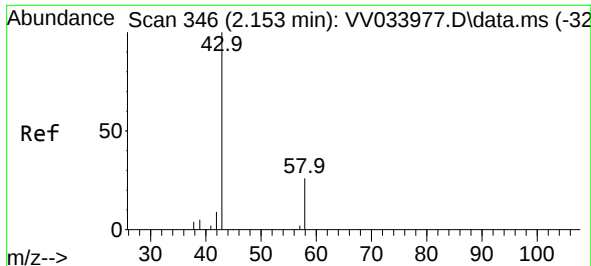
Tgt Ion:101 Resp: 4206
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.0 76.4



#12
 1,1-Dichloroethene
 Concen: 36.493 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033983.D
 Acq: 05 Feb 2024 13:15

Tgt Ion: 96 Resp: 236373
 Ion Ratio Lower Upper
 96 100
 61 180.1 128.8 239.2
 63 66.8 97.9 181.9#





#13

Acetone

Concen: 1.748 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Instrument :

MSVOA_V

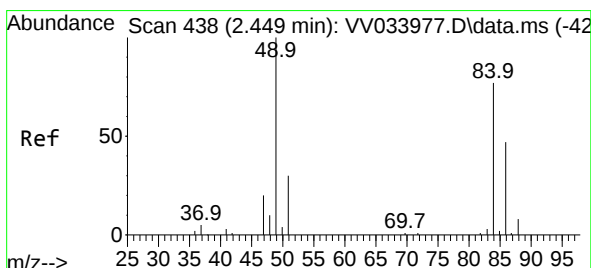
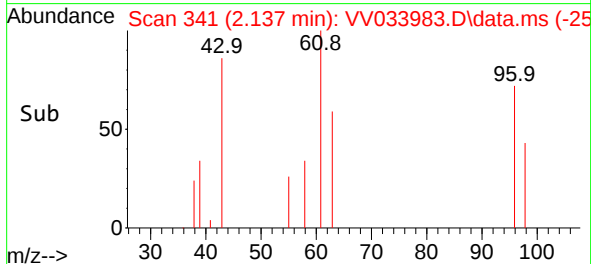
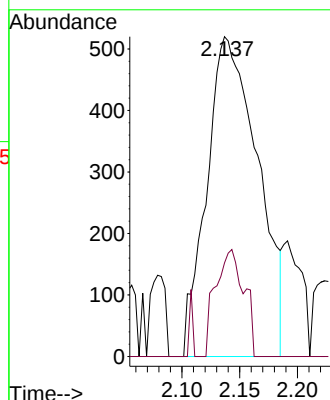
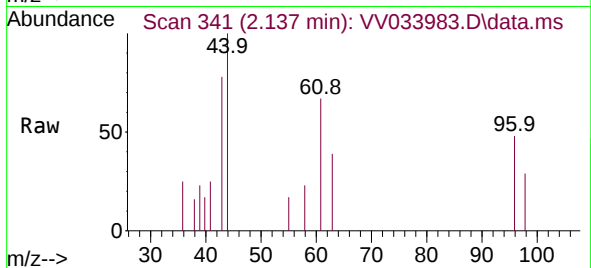
ClientSampleId :

Tgt Ion: 43 Resp: 1599

Ion Ratio Lower Upper

43 100

58 18.6 0.0 13.8#



#16

Methylene chloride

Concen: 0.224 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.006 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

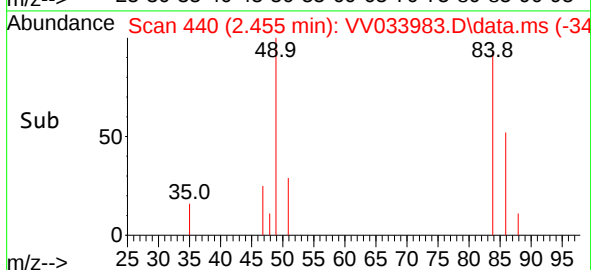
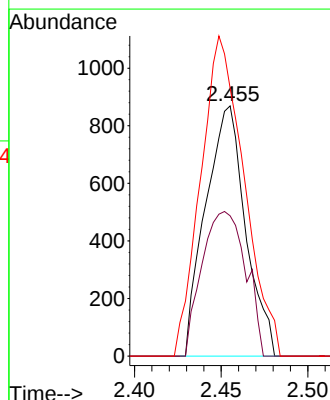
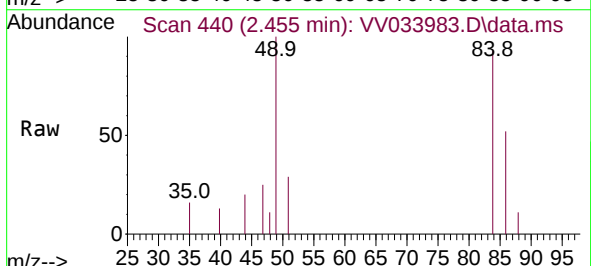
Tgt Ion: 84 Resp: 1395

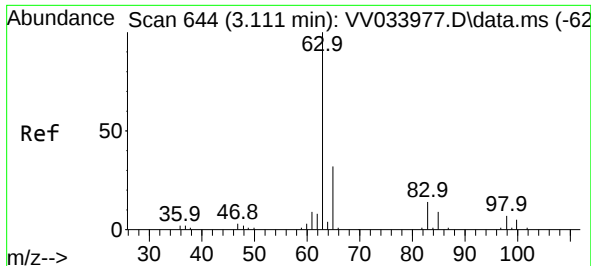
Ion Ratio Lower Upper

84 100

86 56.0 44.7 83.1

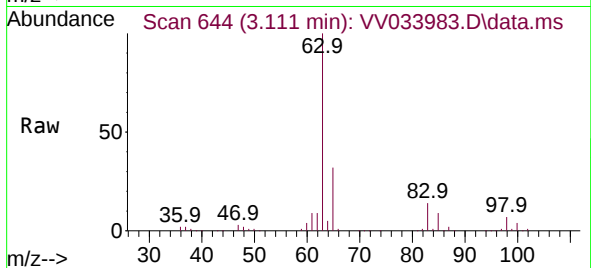
49 107.1 93.7 173.9





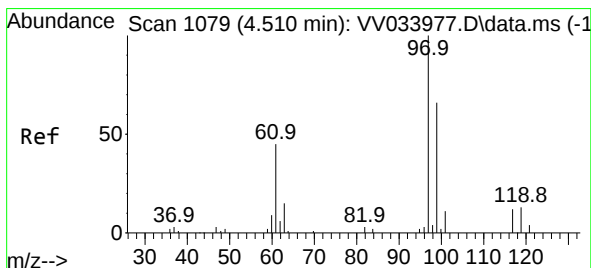
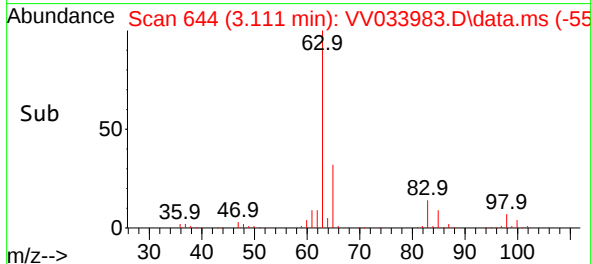
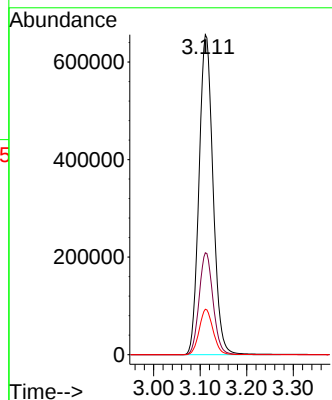
#19
1,1-Dichloroethane
Concen: 113.087 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 1370908

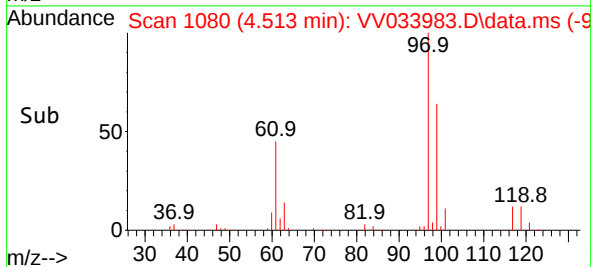
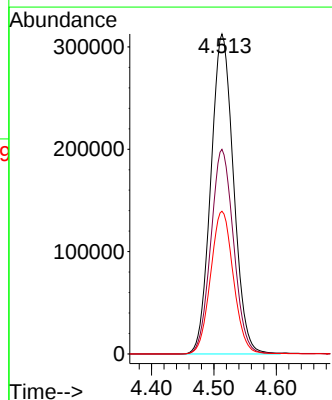
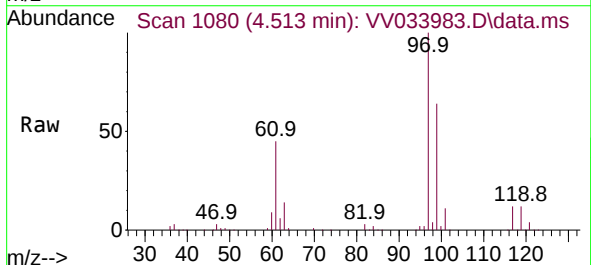
Ion	Ratio	Lower	Upper
63	100		
65	31.9	20.8	38.6
83	14.2	9.4	17.4

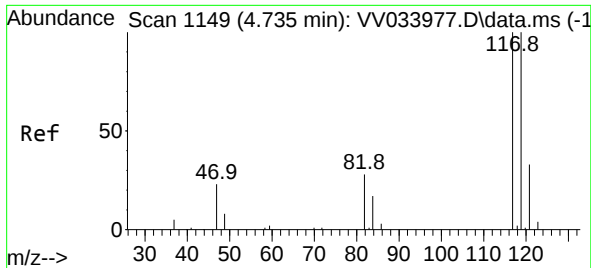


#29
1,1,1-Trichloroethane
Concen: 67.914 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

Tgt Ion: 97 Resp: 789550

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	75.8
61	44.9	36.8	55.2

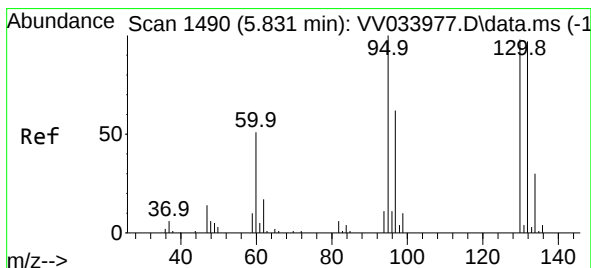
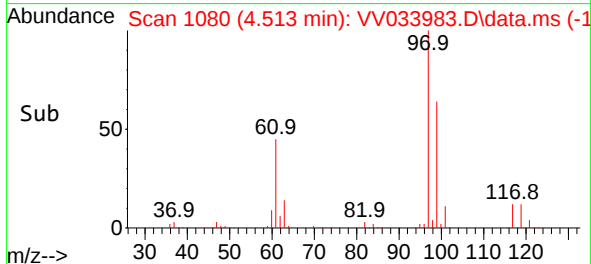
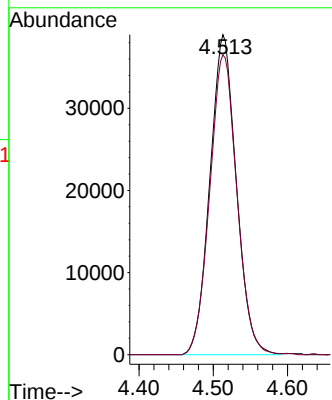
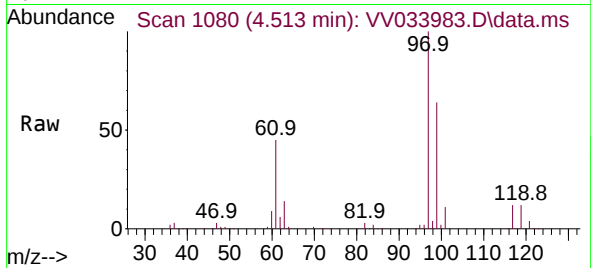




#31
Carbon tetrachloride
Concen: 9.466 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

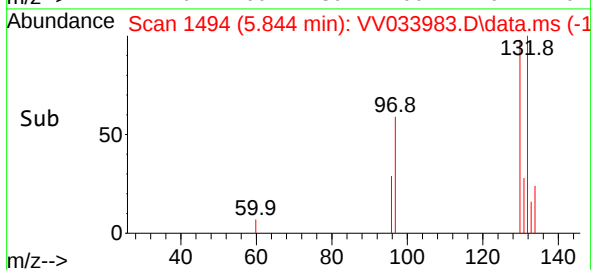
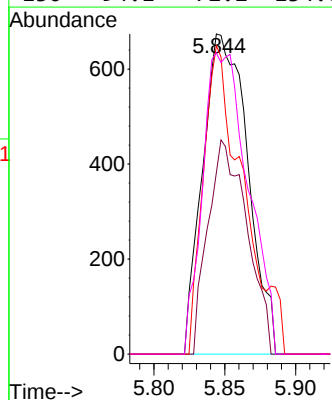
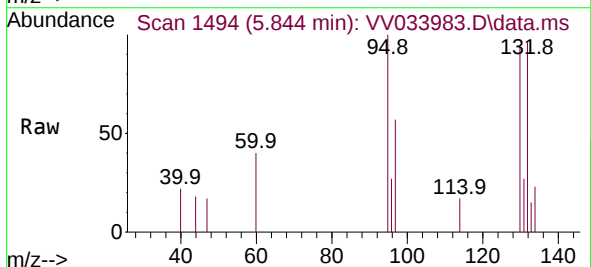
Instrument :
MSVOA_V
ClientSampleId :

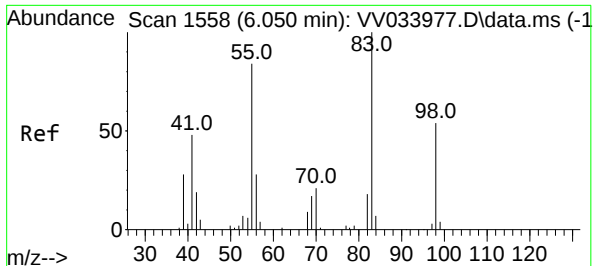
Tgt Ion:117 Resp: 96295
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1



#34
Trichloroethene
Concen: 0.198 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV033983.D
Acq: 05 Feb 2024 13:15

Tgt Ion: 95 Resp: 1487
Ion Ratio Lower Upper
95 100
97 56.7 45.1 83.7
132 96.3 66.0 122.6
130 94.1 72.2 134.0





#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033983.D

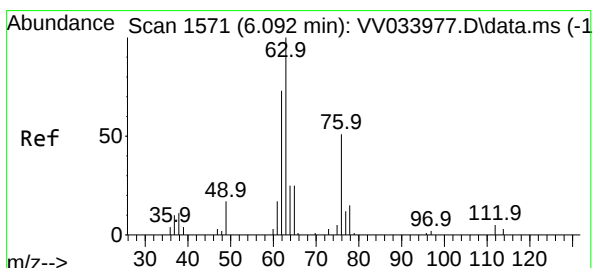
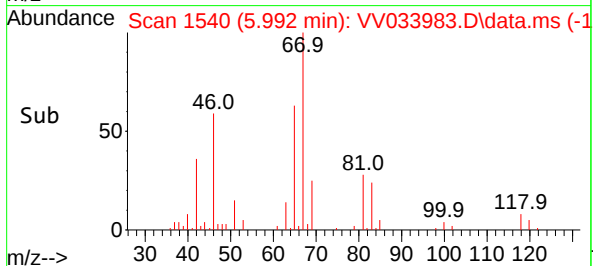
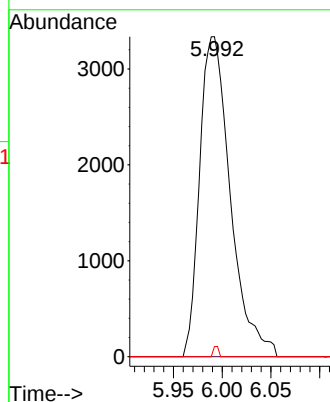
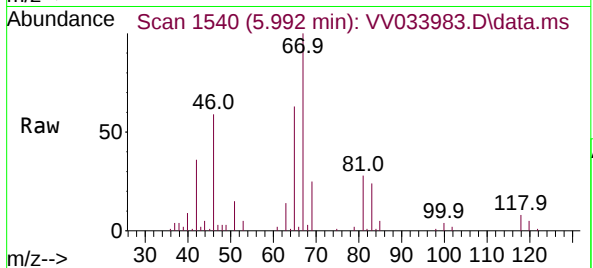
Acq: 05 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7317
Ion Ratio	Lower Upper
83 100	
55 0.0	63.5 95.3#
98 0.6	39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.585 ug/L

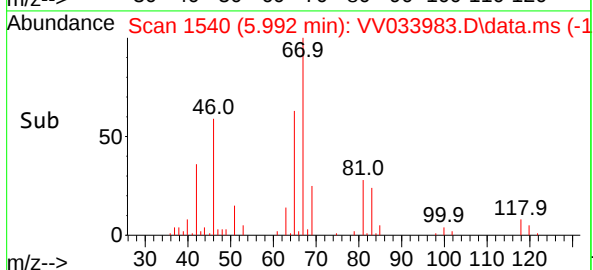
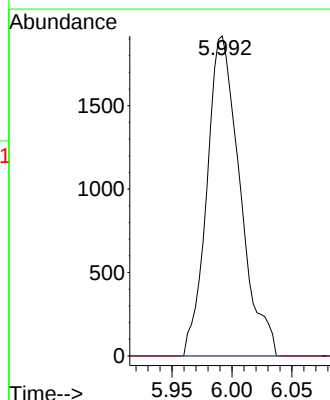
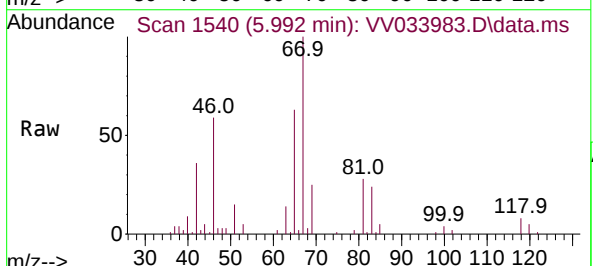
RT: 5.992 min Scan# 1540

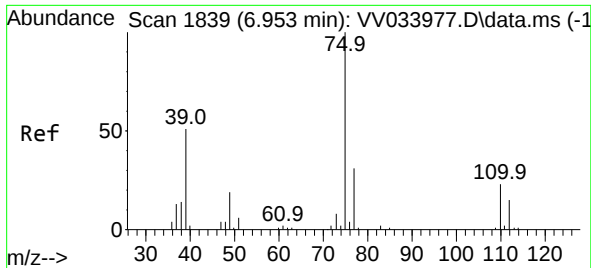
Delta R.T. -0.100 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Tgt Ion: 63	Resp: 3678
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Instrument :

MSVOA_V

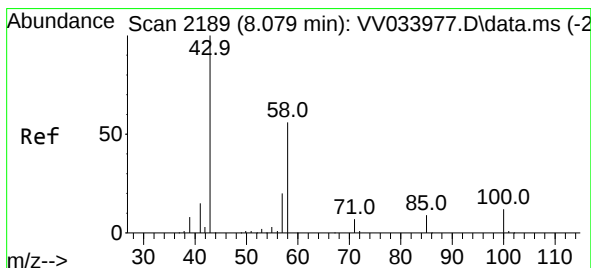
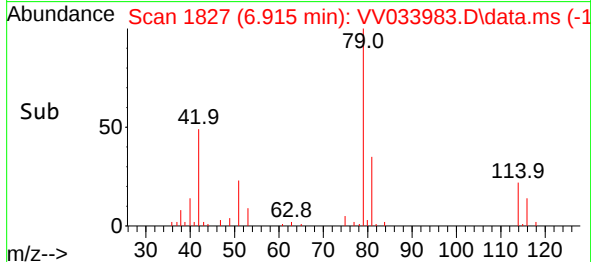
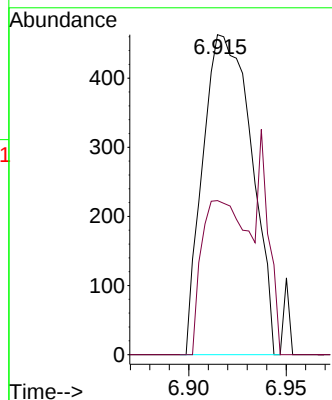
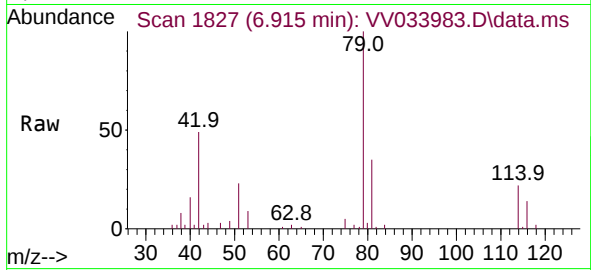
ClientSampleId :

Tgt Ion: 75 Resp: 804

Ion Ratio Lower Upper

75 100

77 48.2 22.9 42.5#



#48

2-Hexanone

Concen: 3.892 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. 0.016 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Tgt Ion: 43 Resp: 8264

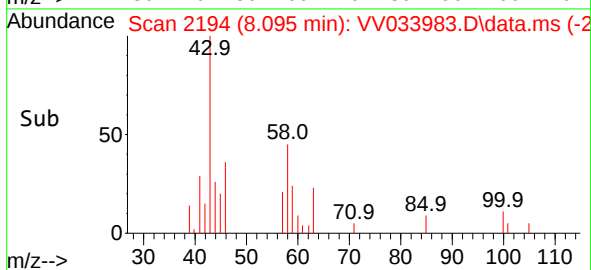
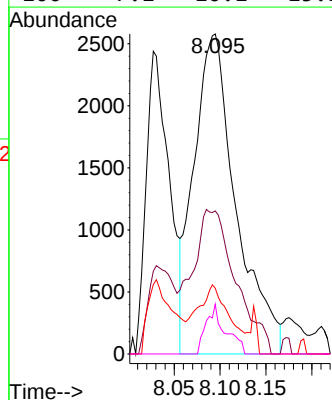
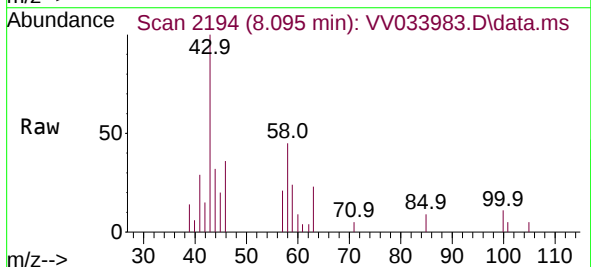
Ion Ratio Lower Upper

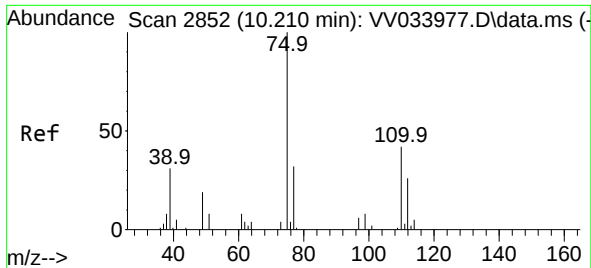
43 100

58 47.2 42.6 64.0

57 16.5 15.5 23.3

100 7.1 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.811 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

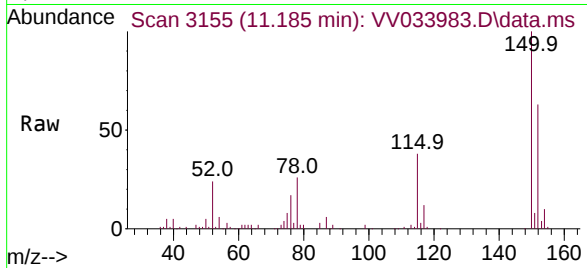
Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5329

Ion Ratio Lower Upper

75 100

77 37.5 26.9 40.3

110 0.0 33.3 49.9#

