

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
 Data File : VV033637.D
 Acq On : 15 Jan 2024 13:02
 Operator : SY/MD
 Sample : P1121-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:44:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

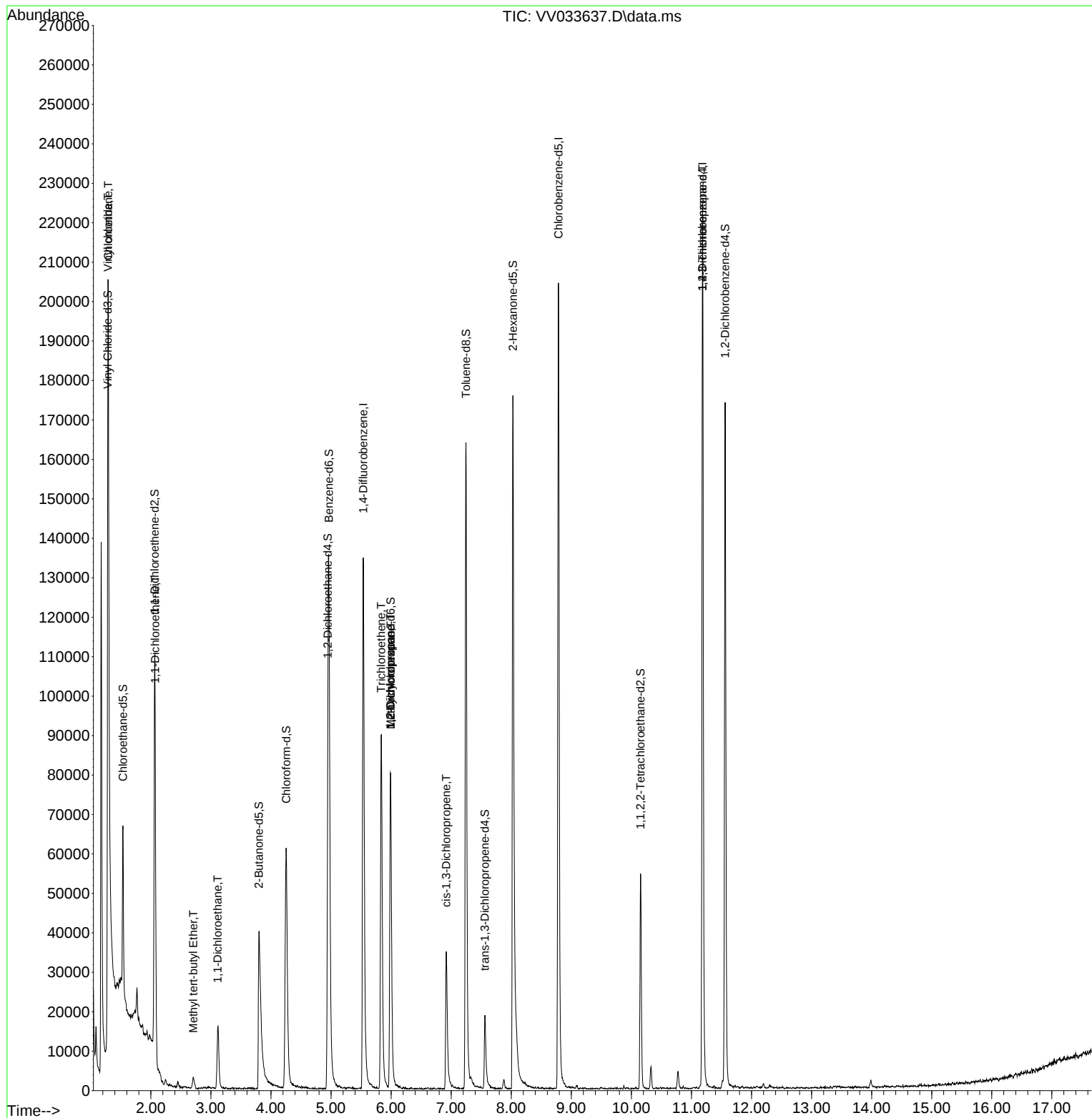
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113614	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29552	4.757	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.536	69	25705	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.063	65	13377	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.799	46	78338	51.572	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.253	84	64756	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.947	65	31856	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.963	84	124064	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	5.992	67	40707	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.246	98	108953	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	12773	4.280	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.027	63	65564	55.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27338	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	43115	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1116	0.094	ug/L #	1
8) Chloroethane	1.291	64	267737	37.300	ug/L #	51
12) 1,1-Dichloroethene	2.073	96	11505	1.437	ug/L #	42
17) Methyl tert-butyl Ether	2.706	73	2504	0.138	ug/L #	89
19) 1,1-Dichloroethane	3.114	63	17516	0.974	ug/L	99
34) Trichloroethene	5.834	95	34301	3.382	ug/L	97
35) Methylcyclohexane	5.992	83	9276	0.540	ug/L #	15
37) 1,2-Dichloropropane	5.989	63	4465	0.472	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	963	0.071	ug/L #	44
61) 1,2,3-Trichloropropane	11.185	75	7334	1.618	ug/L #	65

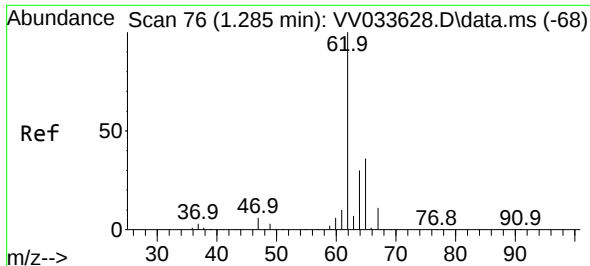
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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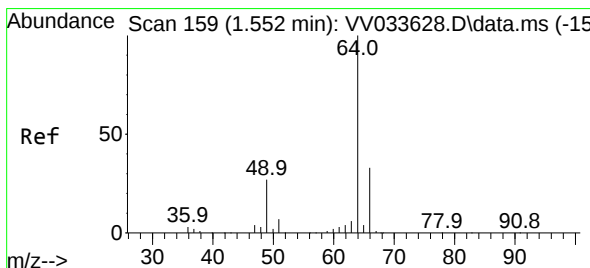
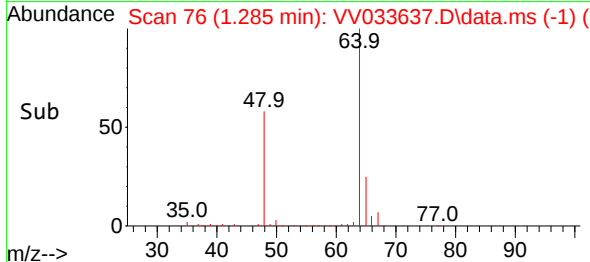
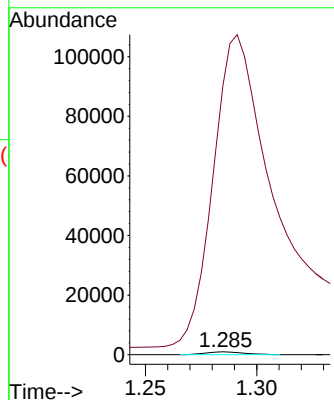
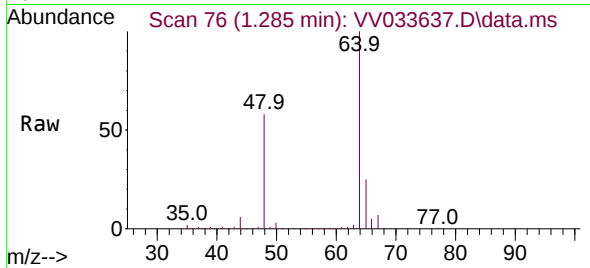




#5
 Vinyl chloride
 Concen: 0.094 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033637.D
 Acq: 15 Jan 2024 13:02

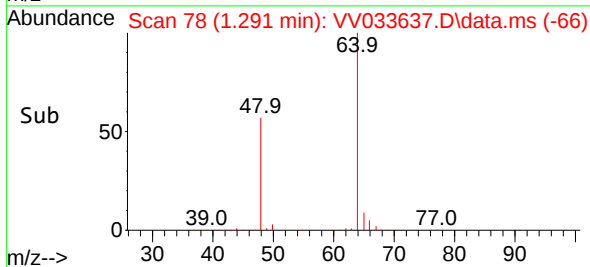
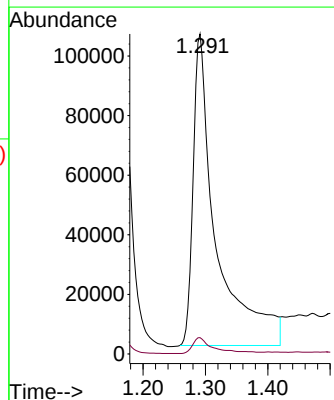
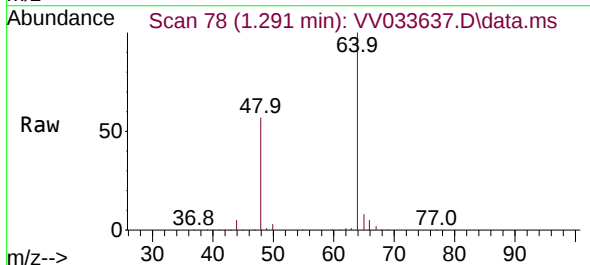
Instrument :
 MSVOA_V
 ClientSampleId :

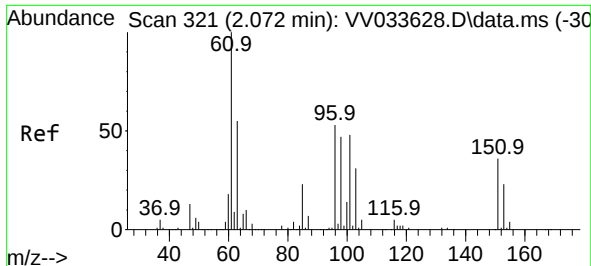
Tgt Ion: 62 Resp: 1116
 Ion Ratio Lower Upper
 62 100
 64 9417.3 23.0 42.8#



#8
 Chloroethane
 Concen: 37.300 ug/L
 RT: 1.291 min Scan# 78
 Delta R.T. -0.260 min
 Lab File: VV033637.D
 Acq: 15 Jan 2024 13:02

Tgt Ion: 64 Resp: 267737
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 1.437 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

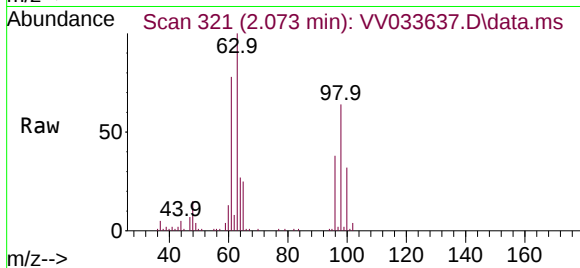
Lab File: VV033637.D

Acq: 15 Jan 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :



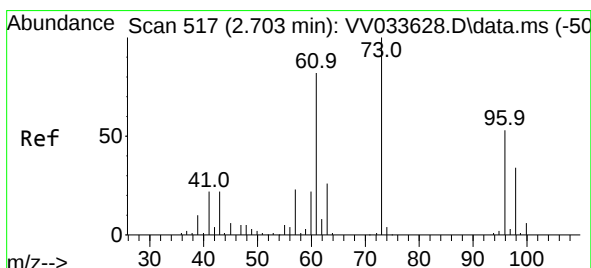
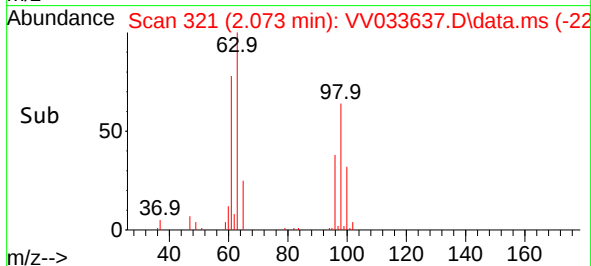
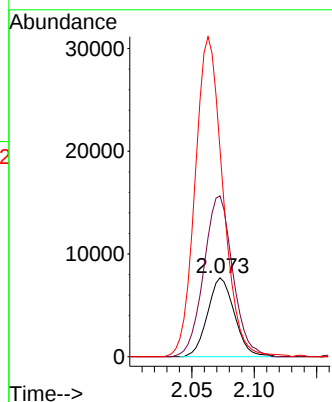
Tgt Ion: 96 Resp: 11505

Ion Ratio Lower Upper

96 100

61 203.8 133.8 248.4

63 262.3 77.2 143.4#



#17

Methyl tert-butyl Ether

Concen: 0.138 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV033637.D

Acq: 15 Jan 2024 13:02

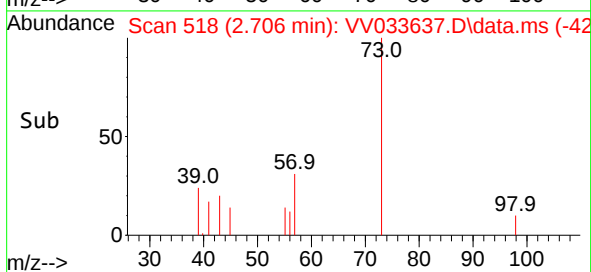
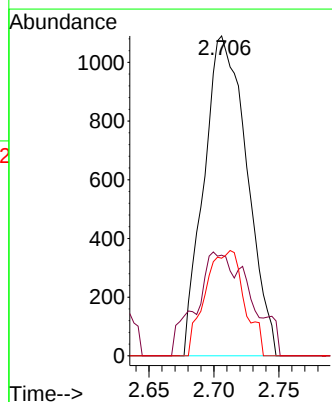
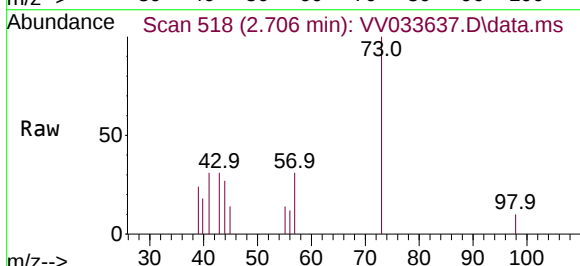
Tgt Ion: 73 Resp: 2504

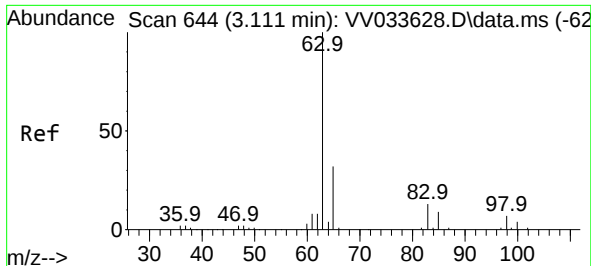
Ion Ratio Lower Upper

73 100

43 27.1 17.7 26.5#

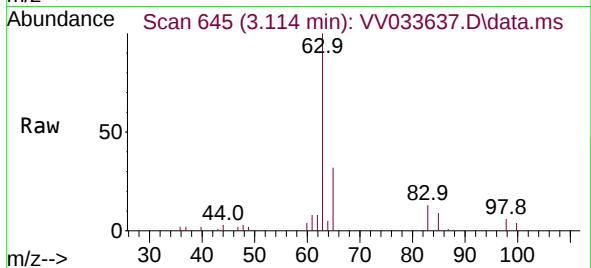
57 30.0 19.5 29.3#



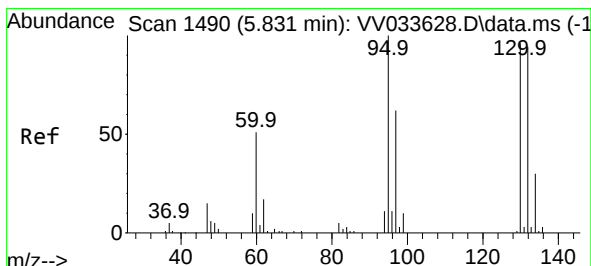
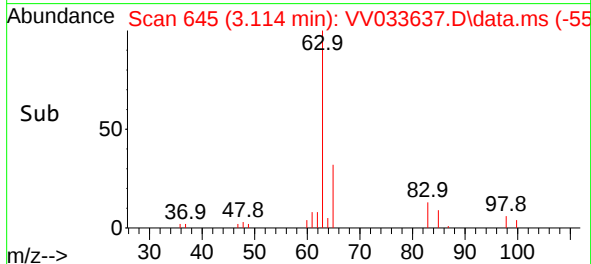
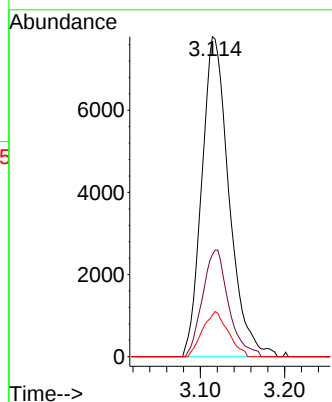


#19
1,1-Dichloroethane
Concen: 0.974 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033637.D
Acq: 15 Jan 2024 13:02

Instrument :
MSVOA_V
ClientSampleId :

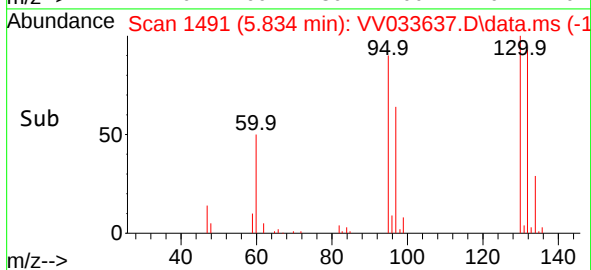
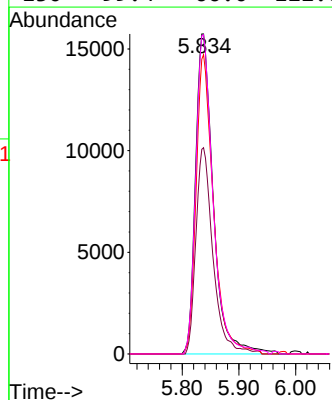
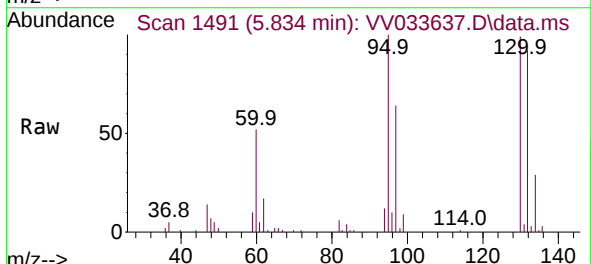


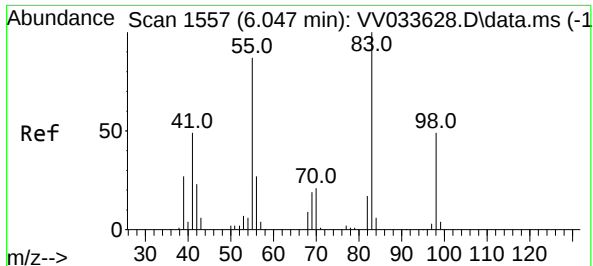
Tgt Ion: 63 Resp: 17516
Ion Ratio Lower Upper
63 100
65 31.8 21.6 40.2
83 13.0 9.1 16.9



#34
Trichloroethene
Concen: 3.382 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033637.D
Acq: 15 Jan 2024 13:02

Tgt Ion: 95 Resp: 34301
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.9
132 92.1 65.2 121.2
130 99.4 66.0 122.6





#35

Methylcyclohexane

Concen: 0.540 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV033637.D

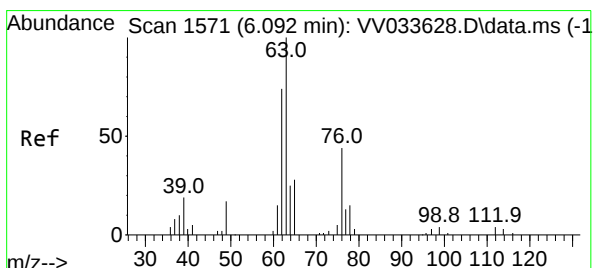
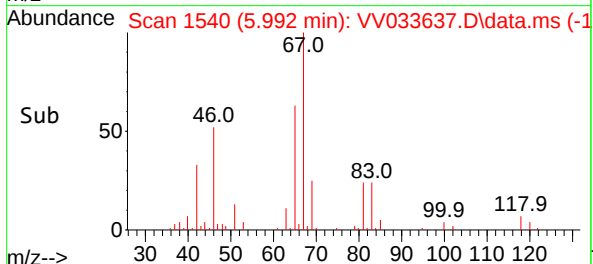
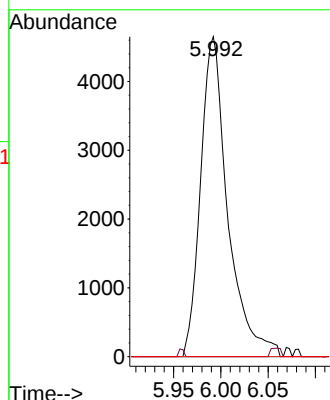
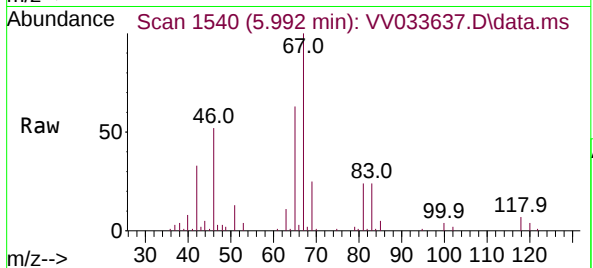
Acq: 15 Jan 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	9276
Ion Ratio	Lower	Upper
83	100	
55	0.4	68.7 103.1#
98	0.8	38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.472 ug/L

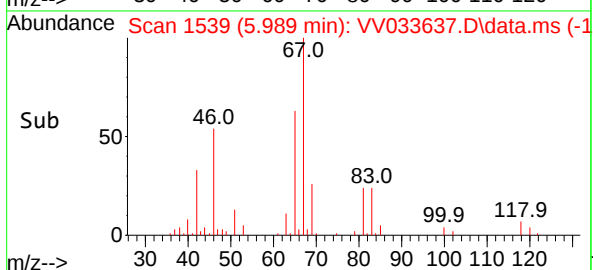
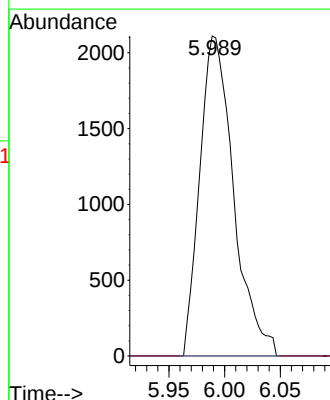
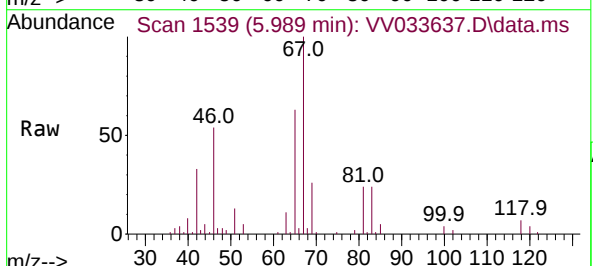
RT: 5.989 min Scan# 1539

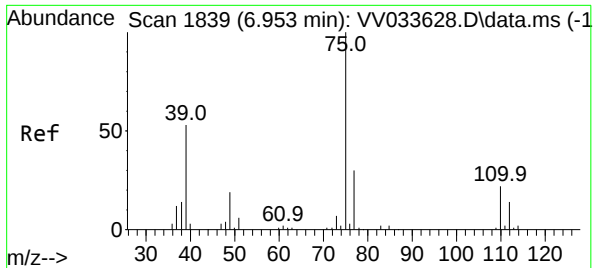
Delta R.T. -0.103 min

Lab File: VV033637.D

Acq: 15 Jan 2024 13:02

Tgt Ion: 63	Resp:	4465
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033637.D

Acq: 15 Jan 2024 13:02

Instrument :

MSVOA_V

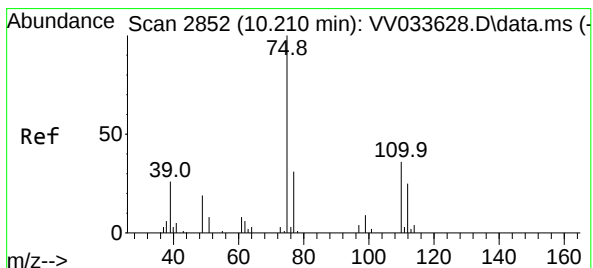
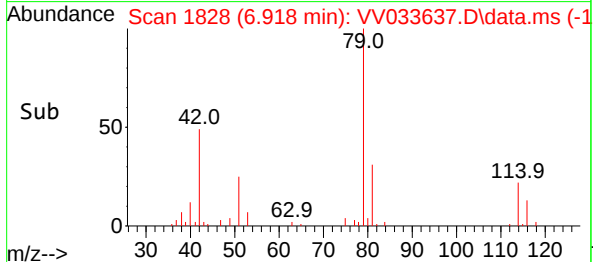
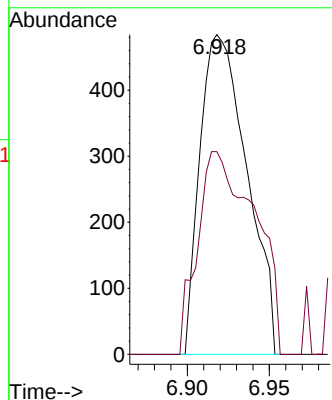
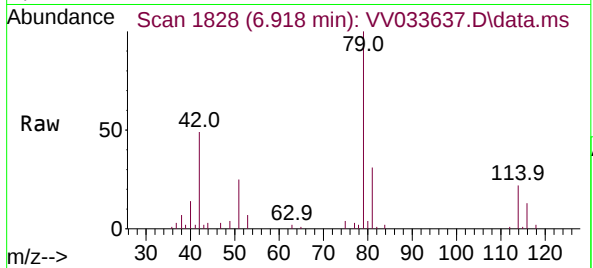
ClientSampleId :

Tgt Ion: 75 Resp: 963

Ion Ratio Lower Upper

75 100

77 63.4 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.618 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033637.D

Acq: 15 Jan 2024 13:02

Tgt Ion: 75 Resp: 7334

Ion Ratio Lower Upper

75 100

77 36.4 24.7 37.1

110 2.0 28.0 42.0#

