

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033646.D
 Acq On : 15 Jan 2024 16:34
 Operator : SY/MD
 Sample : P1131-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:46:49 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)

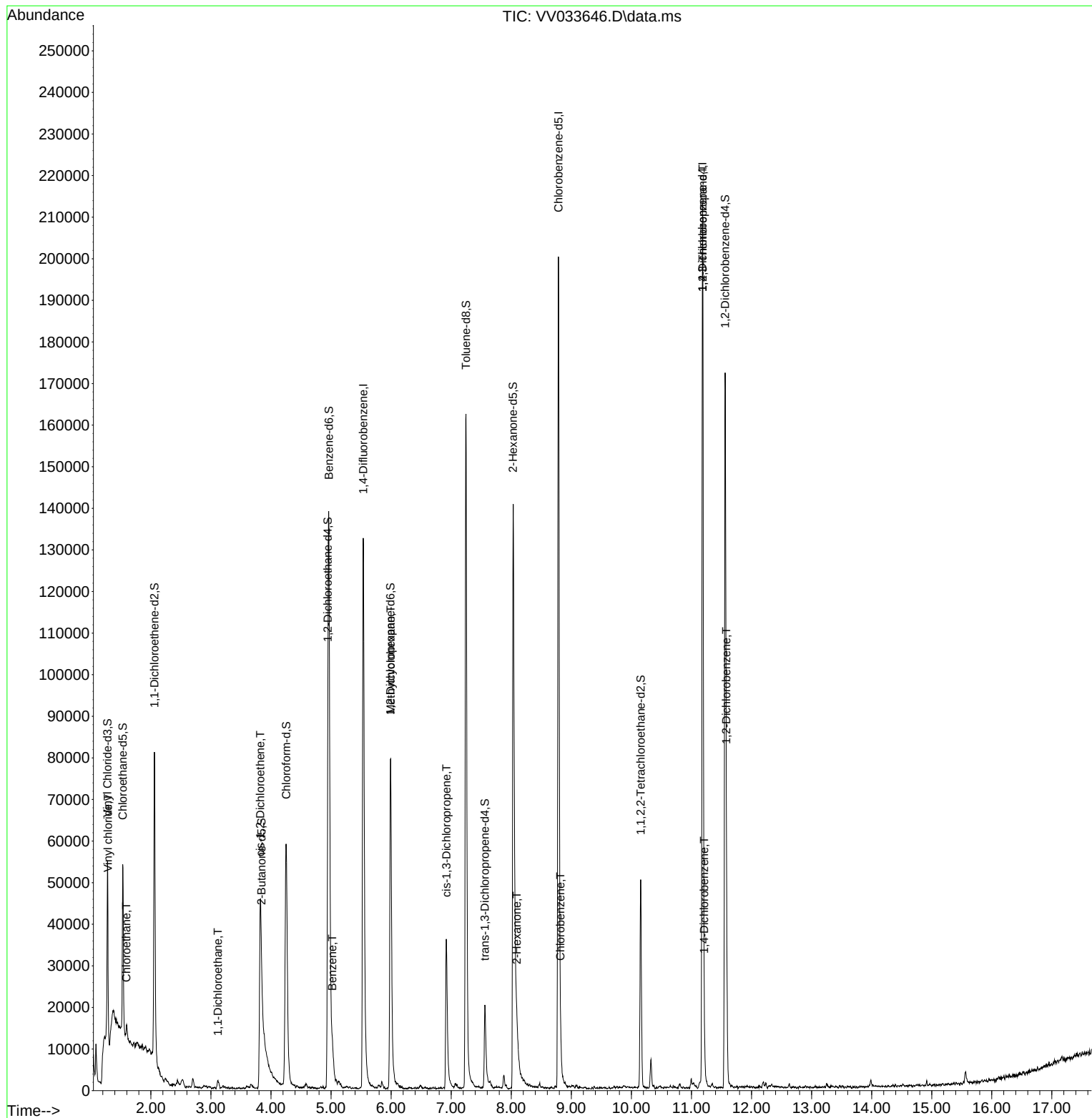
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24922	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	26035	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	13025	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.841	46	69214	45.735	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.480%
24) Chloroform-d	4.253	84	64176	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.947	65	32092	5.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.963	84	123233	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.989	67	40624	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.246	98	111940	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.561	79	13849	4.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.030	63	57335	49.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	25542	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	41189	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1218	0.103	ug/L #	1
8) Chloroethane	1.593	64	1093	0.153	ug/L #	54
19) 1,1-Dichloroethane	3.118	63	2510	0.140	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	18364	1.946	ug/L	98
33) Benzene	5.018	78	8534	0.226	ug/L	100
35) Methylcyclohexane	5.992	83	9179	0.541	ug/L #	15
39) cis-1,3-Dichloropropene	6.921	75	1141	0.085	ug/L #	58
48) 2-Hexanone	8.092	43	10334	3.279	ug/L #	87
51) Chlorobenzene	8.818	112	4247	0.174	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	7659	1.760	ug/L #	66
65) 1,4-Dichlorobenzene	11.214	146	1802	0.097	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	11852	0.718	ug/L	95

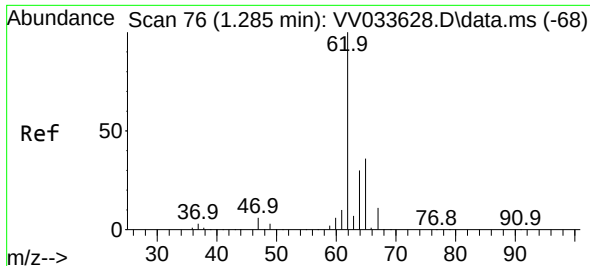
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033646.D
Acq On : 15 Jan 2024 16:34
Operator : SY/MD
Sample : P1131-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 16 03:46:49 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

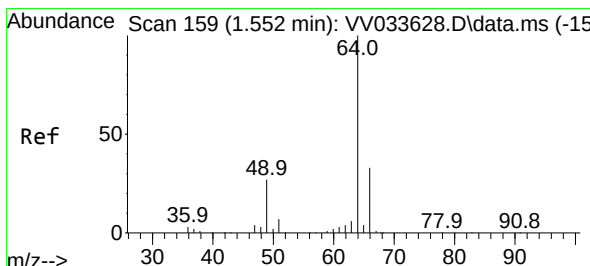
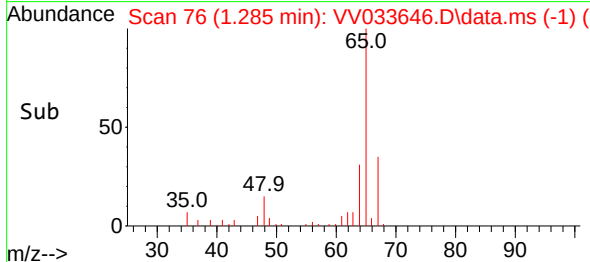
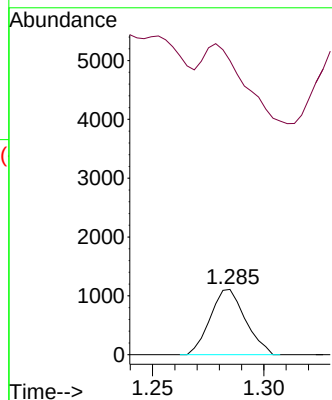
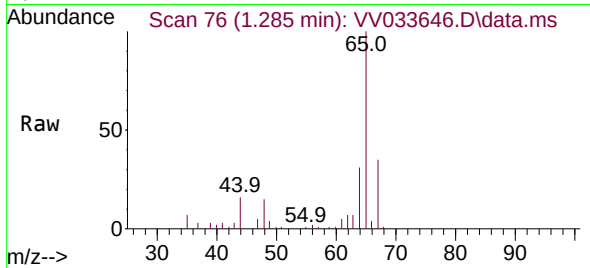




#5
 Vinyl chloride
 Concen: 0.103 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033646.D
 Acq: 15 Jan 2024 16:34

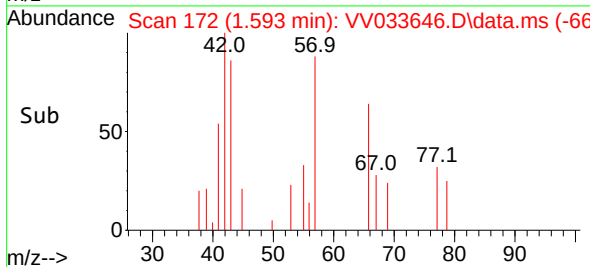
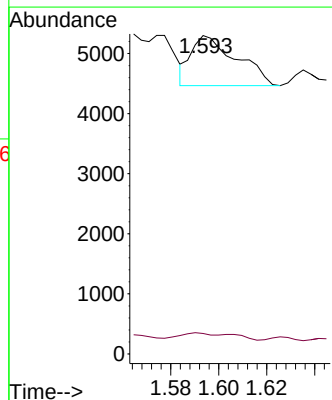
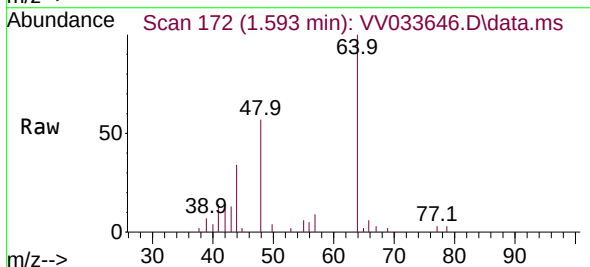
Instrument :
 MSVOA_V
 ClientSampleId :

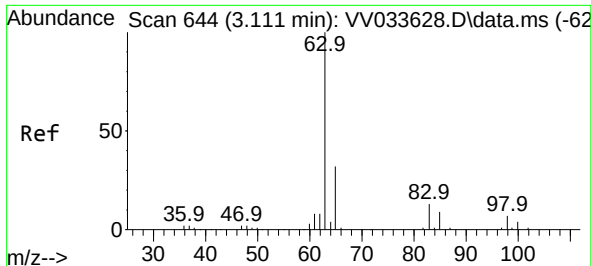
Tgt Ion: 62 Resp: 1218
 Ion Ratio Lower Upper
 62 100
 64 450.4 23.0 42.8#



#8
 Chloroethane
 Concen: 0.153 ug/L
 RT: 1.593 min Scan# 172
 Delta R.T. 0.042 min
 Lab File: VV033646.D
 Acq: 15 Jan 2024 16:34

Tgt Ion: 64 Resp: 1093
 Ion Ratio Lower Upper
 64 100
 66 6.5 22.6 42.0#





#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033646.D

Acq: 15 Jan 2024 16:34

Instrument :

MSVOA_V

ClientSampleId :

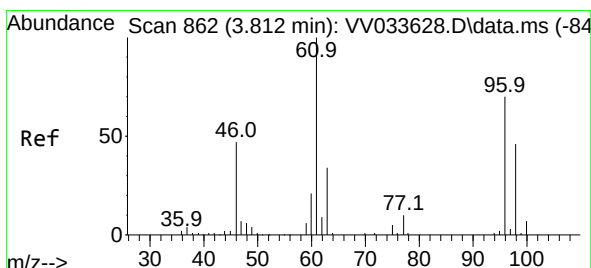
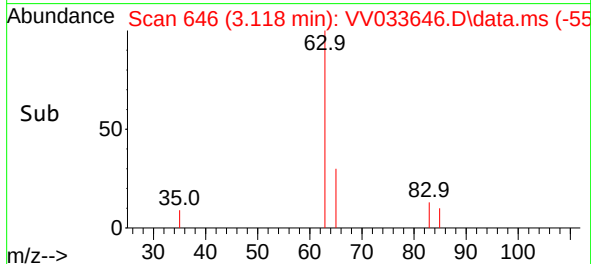
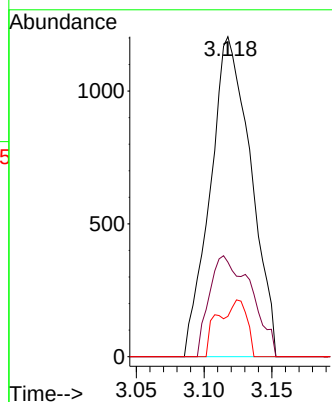
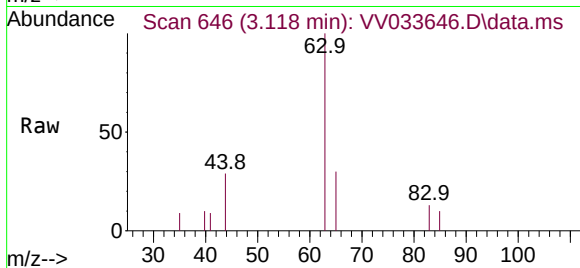
Tgt Ion: 63 Resp: 2510

Ion Ratio Lower Upper

63 100

65 29.5 21.6 40.2

83 12.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.946 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV033646.D

Acq: 15 Jan 2024 16:34

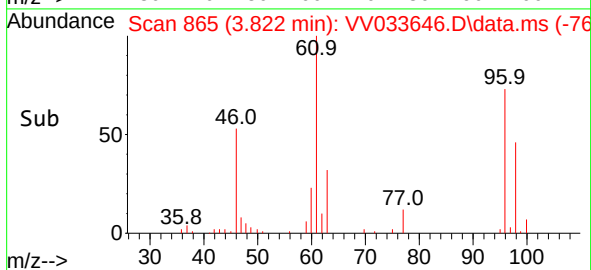
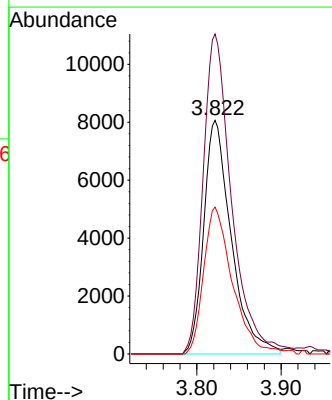
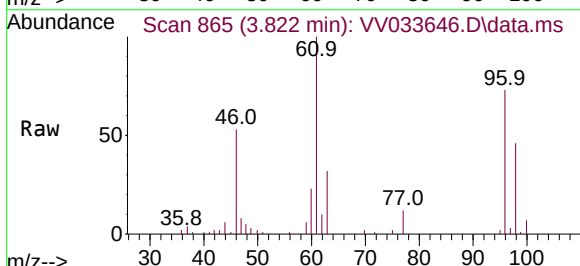
Tgt Ion: 96 Resp: 18364

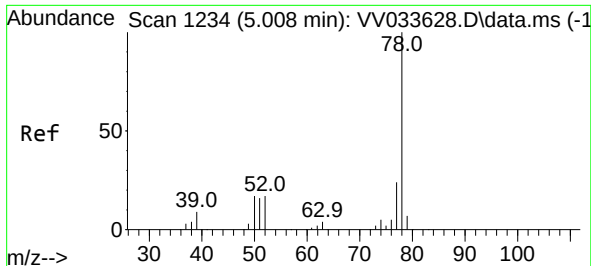
Ion Ratio Lower Upper

96 100

61 137.0 97.1 180.3

98 62.9 42.6 79.0

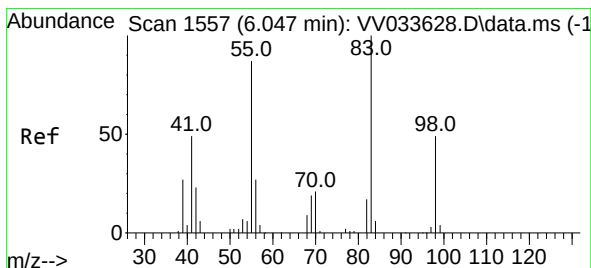
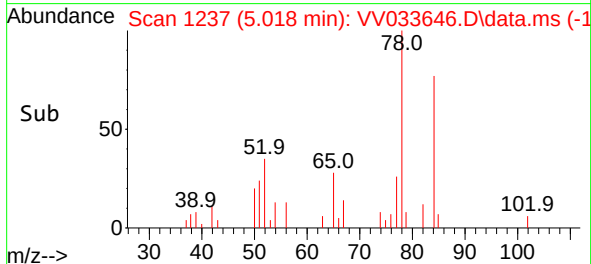
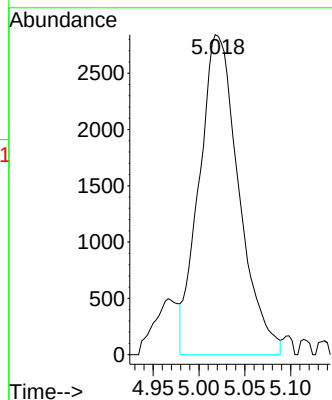
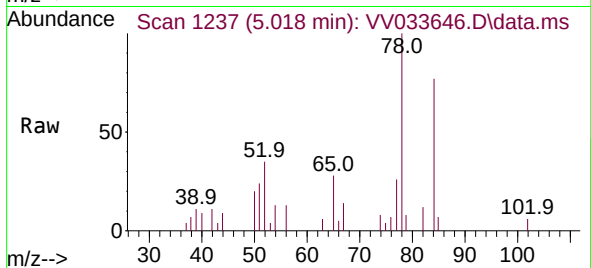




#33
Benzene
Concen: 0.226 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

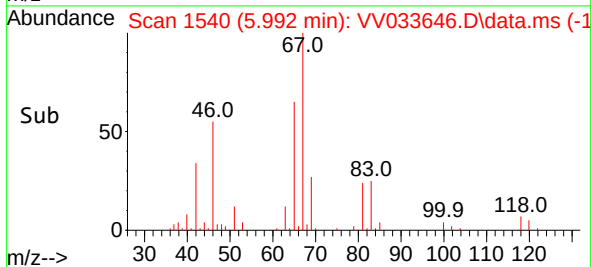
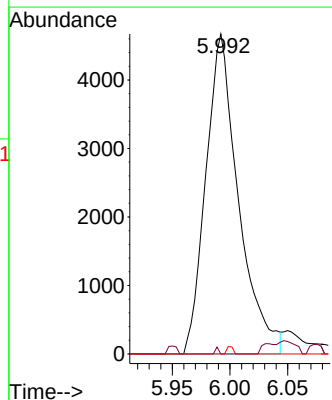
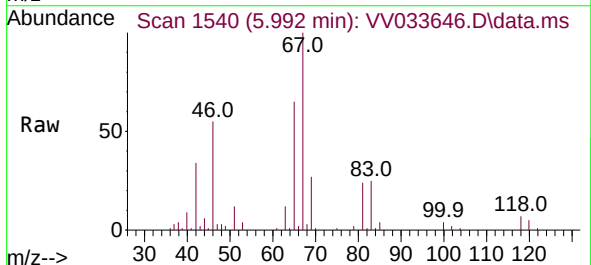
Instrument :
MSVOA_V
ClientSampleId :

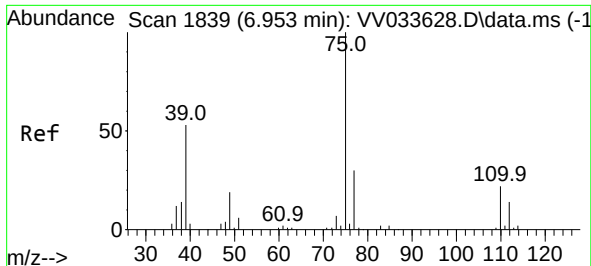
Tgt Ion: 78 Resp: 8534



#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

Tgt Ion: 83 Resp: 9179
Ion Ratio Lower Upper
83 100
55 0.2 68.7 103.1#
98 0.4 38.3 57.5#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.921 min Scan# 1141

Delta R.T. -0.032 min

Lab File: VV033646.D

Acq: 15 Jan 2024 16:34

Instrument :

MSVOA_V

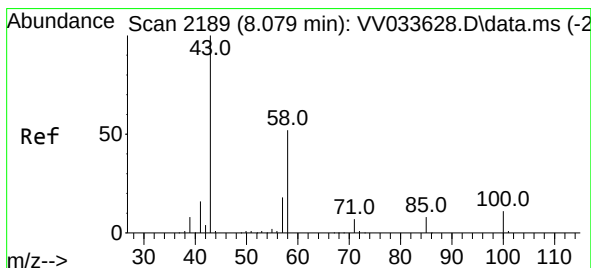
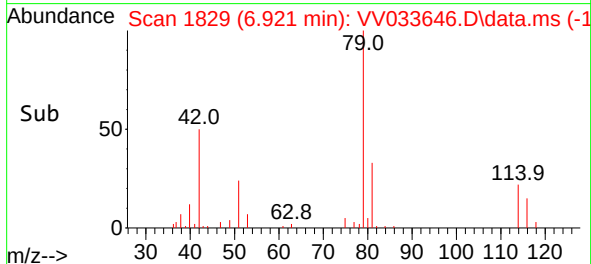
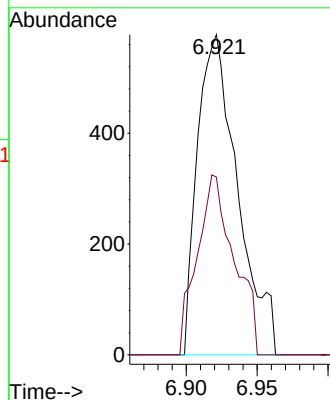
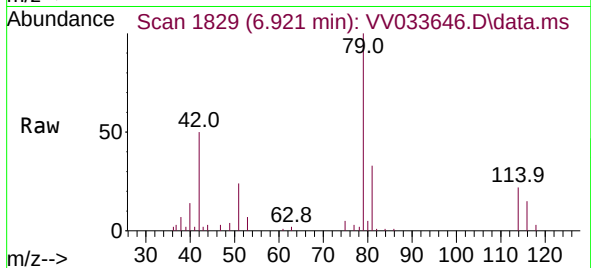
ClientSampleId :

Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 55.5 22.5 41.7#



#48

2-Hexanone

Concen: 3.279 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV033646.D

Acq: 15 Jan 2024 16:34

Tgt Ion: 43 Resp: 10334

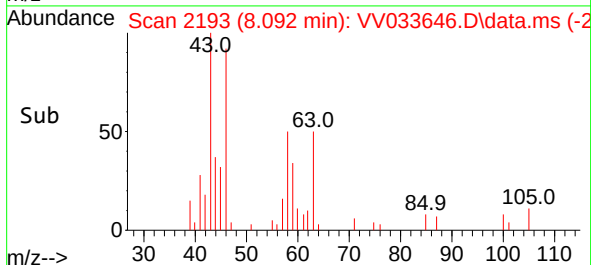
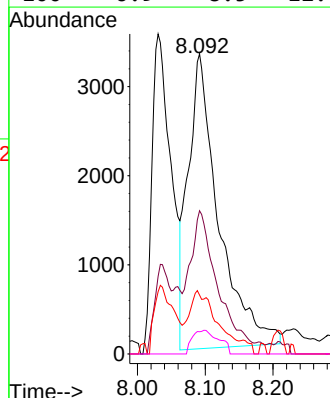
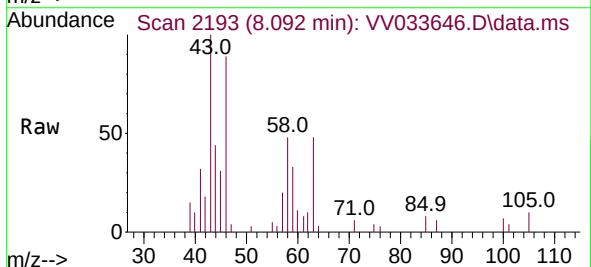
Ion Ratio Lower Upper

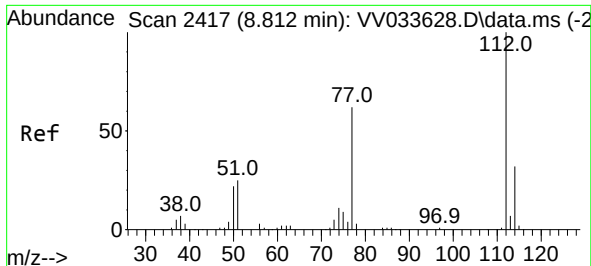
43 100

58 40.1 40.6 61.0#

57 14.8 13.8 20.8

100 6.9 8.5 12.7#

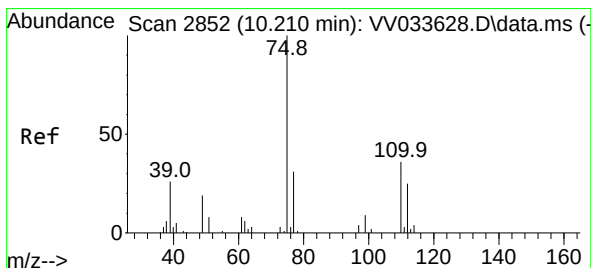
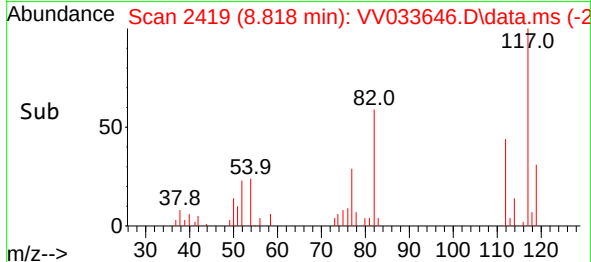
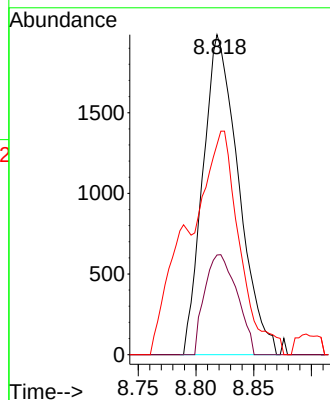
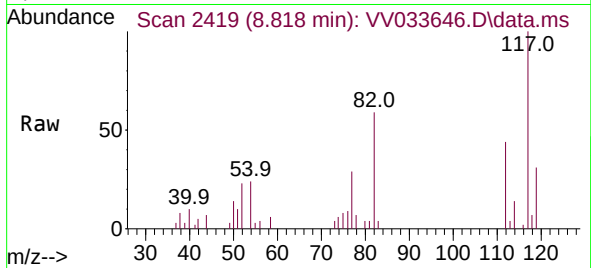




#51
Chlorobenzene
Concen: 0.174 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

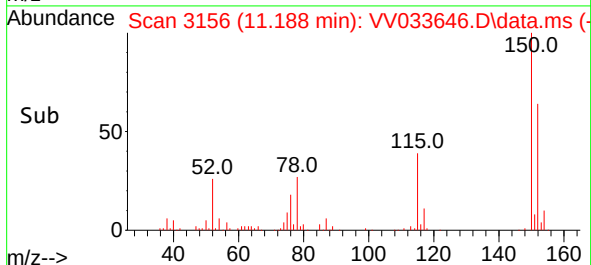
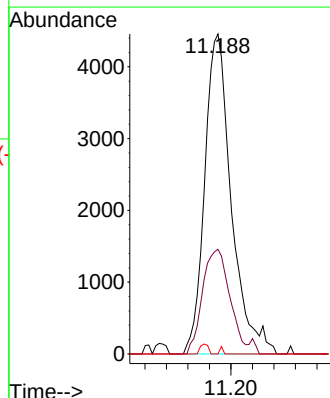
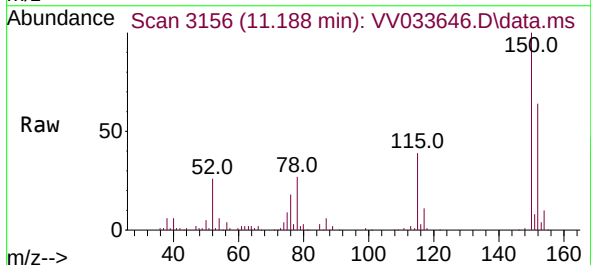
Instrument :
MSVOA_V
ClientSampleId :

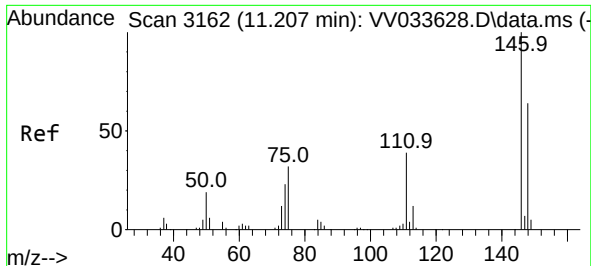
Tgt Ion:112 Resp: 4247
Ion Ratio Lower Upper
112 100
114 31.1 22.9 42.5
77 65.6 50.8 76.2



#61
1,2,3-Trichloropropane
Concen: 1.760 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.978 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

Tgt Ion: 75 Resp: 7659
Ion Ratio Lower Upper
75 100
77 33.3 24.7 37.1
110 0.3 28.0 42.0#

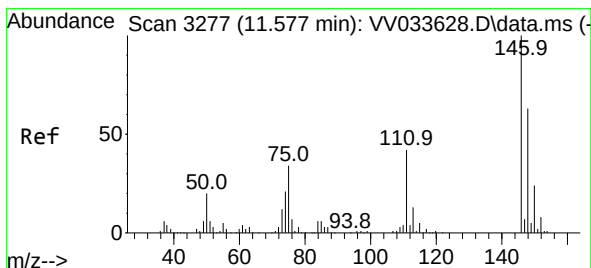
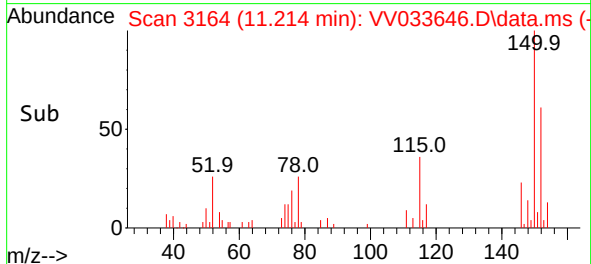
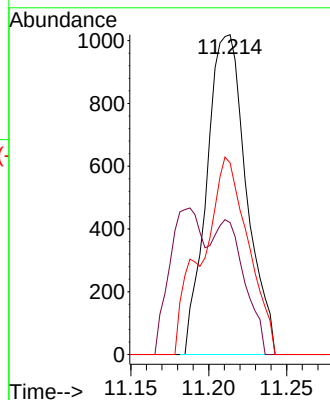
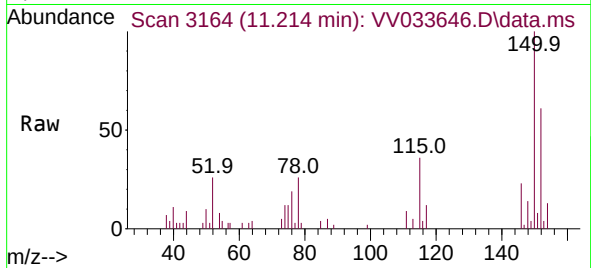




#65
1,4-Dichlorobenzene
Concen: 0.097 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1802
Ion Ratio Lower Upper
146 100
111 41.2 27.5 51.1
148 59.9 43.3 80.5



#67
1,2-Dichlorobenzene
Concen: 0.718 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV033646.D
Acq: 15 Jan 2024 16:34

Tgt Ion:146 Resp: 11852
Ion Ratio Lower Upper
146 100
111 46.1 36.1 54.1
148 70.5 52.2 78.2

