

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033687.D
 Acq On : 16 Jan 2024 22:10
 Operator : SY/MD
 Sample : P1131-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

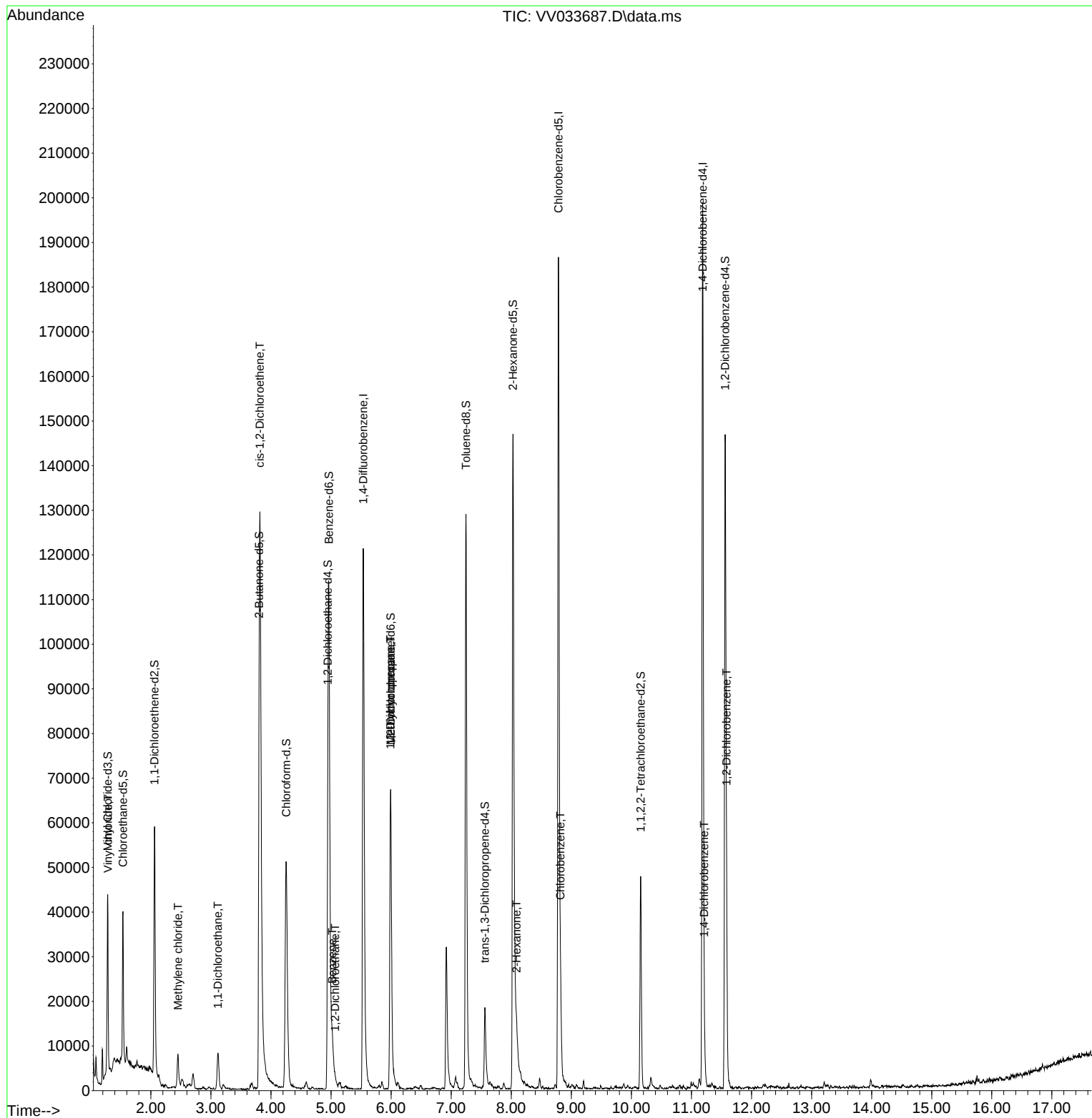
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	106094	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	96842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19606	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.536	69	20261	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.060	65	9660	3.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.802	46	73637	51.913	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.820%
24) Chloroform-d	4.252	84	54993	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.947	65	27825	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.963	84	101699	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.992	67	33198	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.246	98	85461	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	11390	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	55304	52.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23475	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	35474	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
5) Vinyl chloride	1.285	62	4256	0.386	ug/L #	60
16) Methylene chloride	2.452	84	2555	0.289	ug/L	91
19) 1,1-Dichloroethane	3.117	63	9288	0.553	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	52391	5.923	ug/L	98
27) 1,2-Dichloroethane	5.069	62	1852	0.211	ug/L #	76
33) Benzene	5.018	78	11031	0.321	ug/L	100
35) Methylcyclohexane	5.992	83	7610	0.491	ug/L #	22
37) 1,2-Dichloropropane	5.989	63	3919	0.459	ug/L #	87
48) 2-Hexanone	8.088	43	8887	3.091	ug/L #	65
51) Chlorobenzene	8.818	112	12040	0.541	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	3150	0.186	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	12713	0.845	ug/L	99

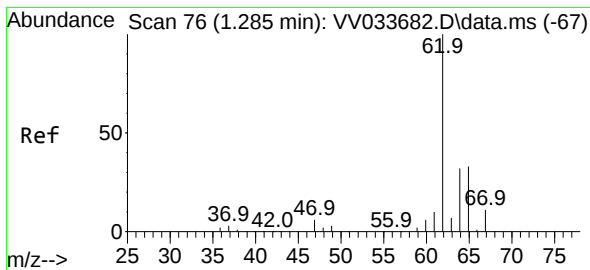
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.386 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

Instrument :

MSVOA_V

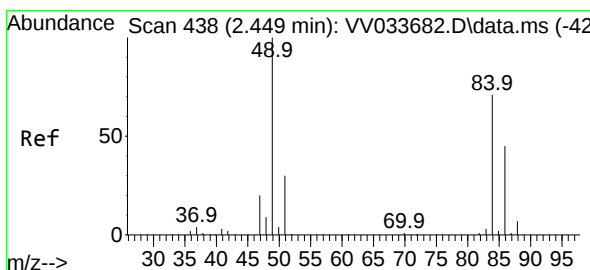
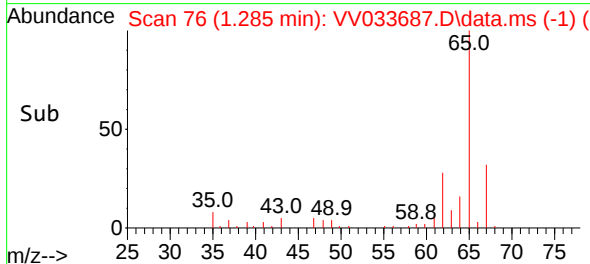
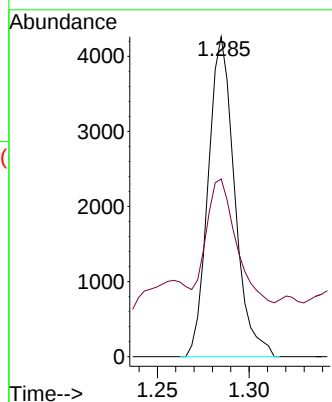
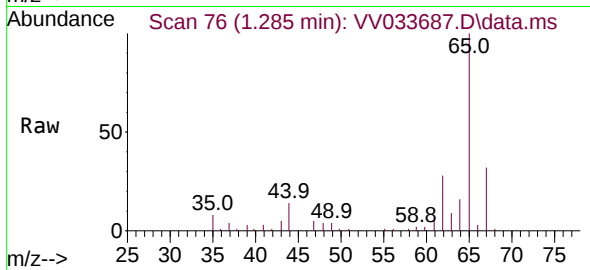
ClientSampleId :

Tgt Ion: 62 Resp: 4256

Ion Ratio Lower Upper

62 100

64 55.6 23.0 42.8#



#16

Methylene chloride

Concen: 0.289 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

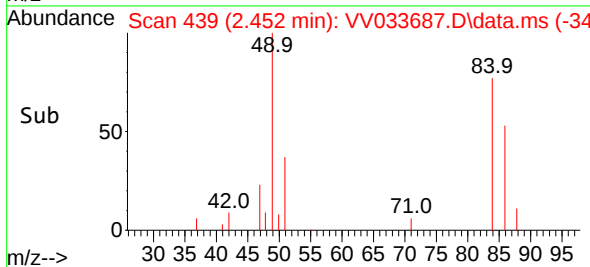
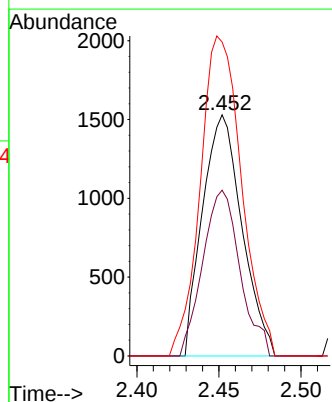
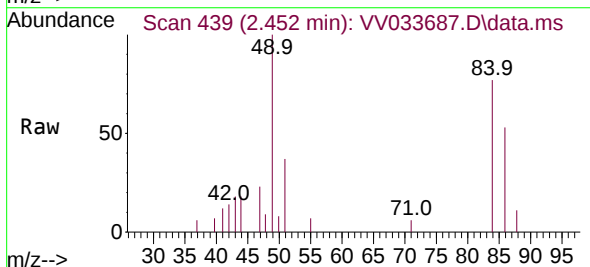
Tgt Ion: 84 Resp: 2555

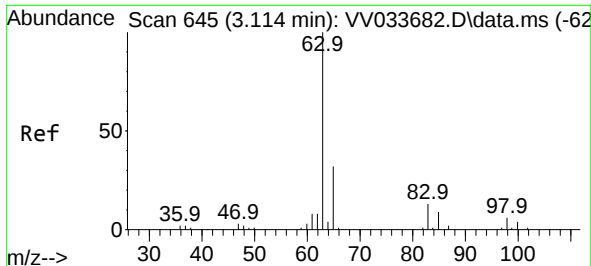
Ion Ratio Lower Upper

84 100

86 68.8 45.5 84.5

49 130.1 100.3 186.3





#19

1,1-Dichloroethane

Concen: 0.553 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

Instrument :

MSVOA_V

ClientSampleId :

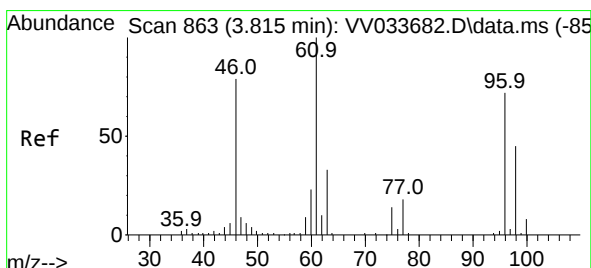
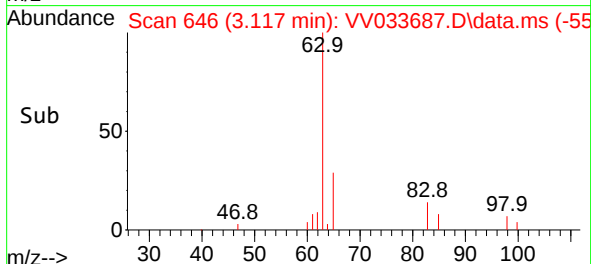
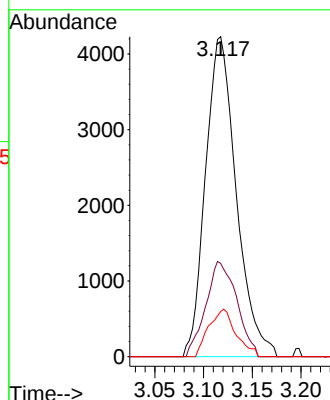
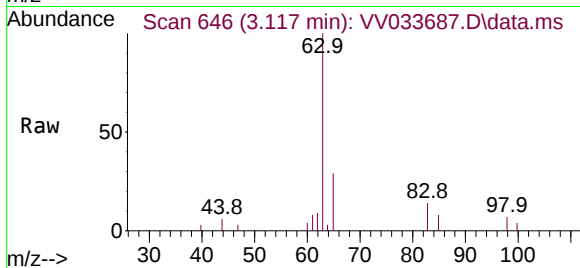
Tgt Ion: 63 Resp: 9288

Ion Ratio Lower Upper

63 100

65 28.3 21.6 40.2

83 13.7 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 5.923 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

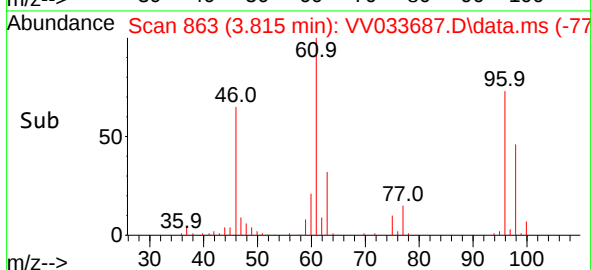
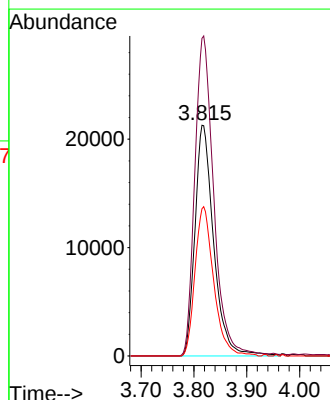
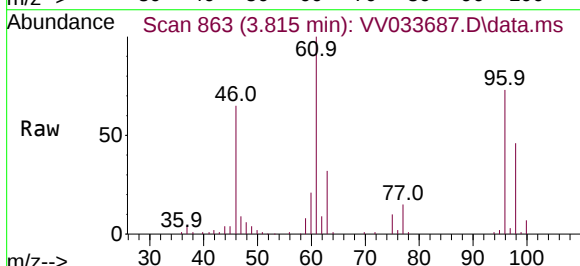
Tgt Ion: 96 Resp: 52391

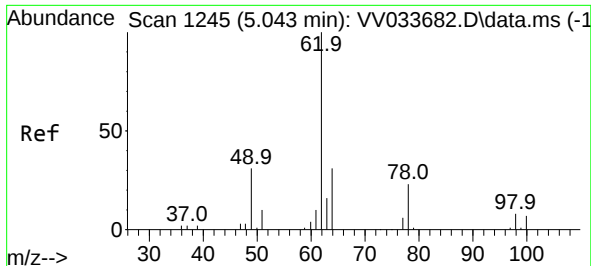
Ion Ratio Lower Upper

96 100

61 137.6 97.1 180.3

98 63.8 42.6 79.0





#27

1,2-Dichloroethane

Concen: 0.211 ug/L

RT: 5.069 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

Instrument :

MSVOA_V

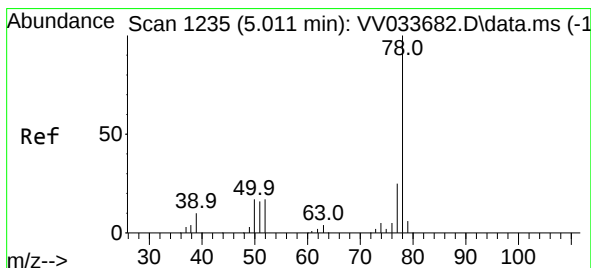
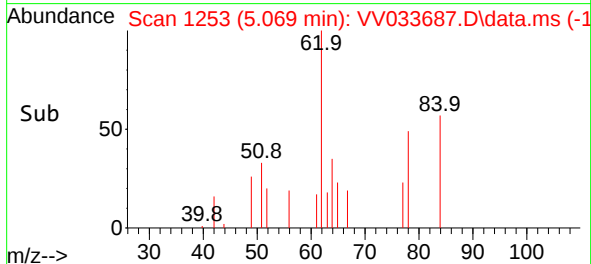
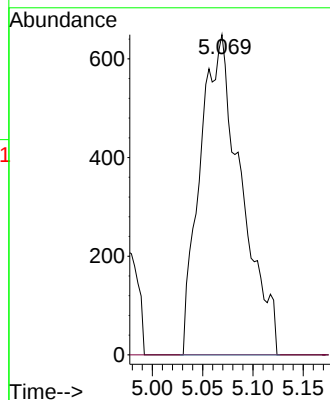
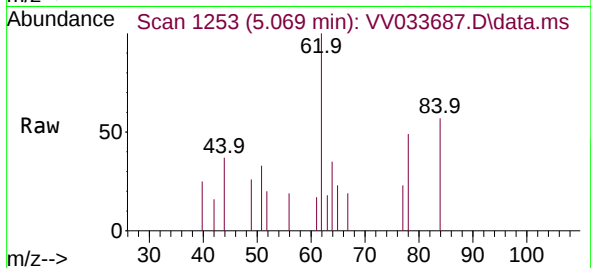
ClientSampleId :

Tgt Ion: 62 Resp: 1852

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#33

Benzene

Concen: 0.321 ug/L

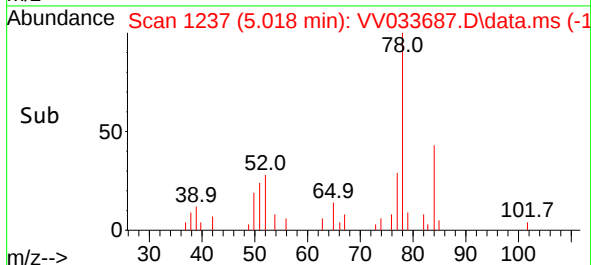
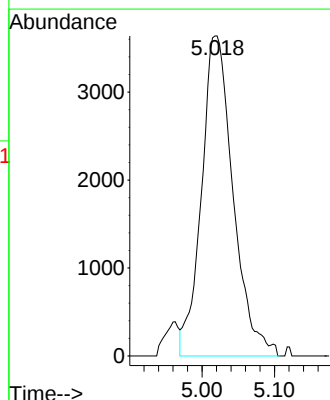
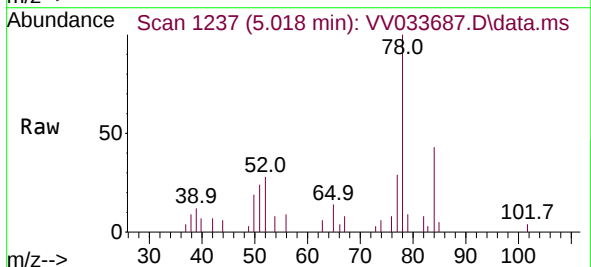
RT: 5.018 min Scan# 1237

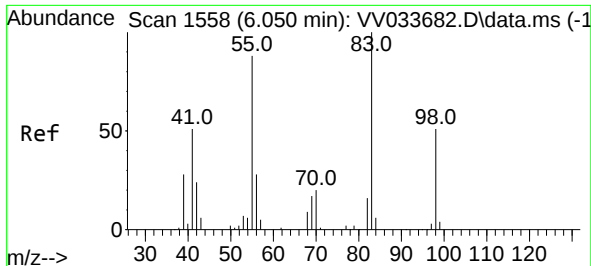
Delta R.T. 0.006 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

Tgt Ion: 78 Resp: 11031

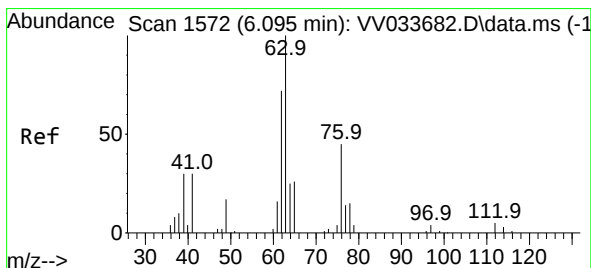
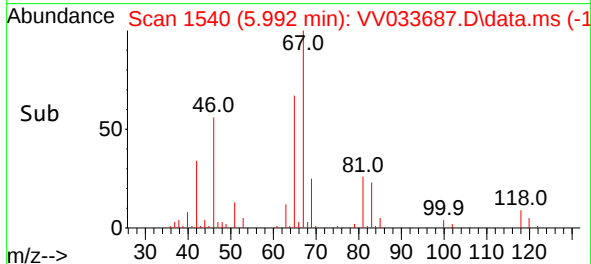
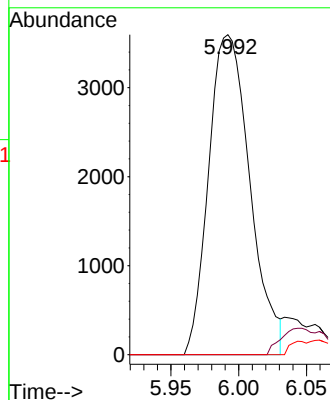
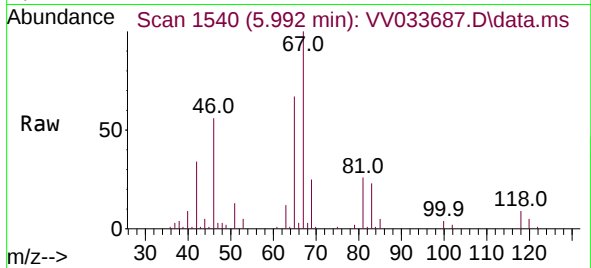




#35
Methylcyclohexane
Concen: 0.491 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033687.D
Acq: 16 Jan 2024 22:10

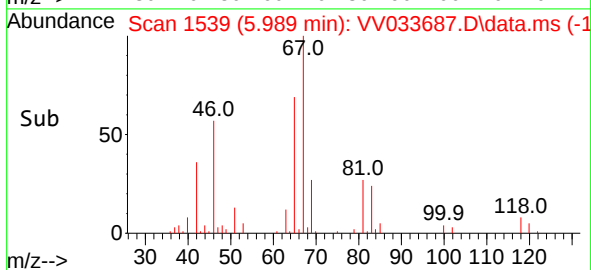
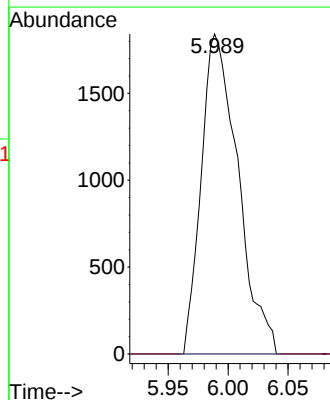
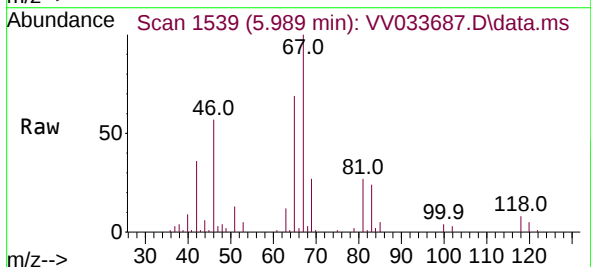
Instrument :
MSVOA_V
ClientSampleId :

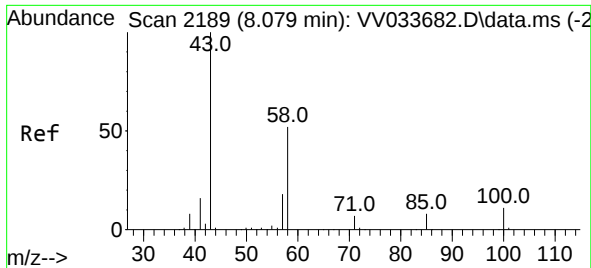
Tgt Ion: 83 Resp: 7610
Ion Ratio Lower Upper
83 100
55 9.1 68.7 103.1#
98 1.7 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV033687.D
Acq: 16 Jan 2024 22:10

Tgt Ion: 63 Resp: 3919
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

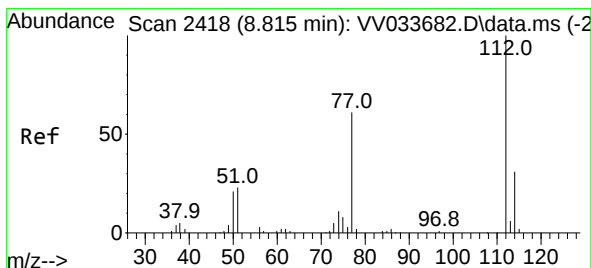
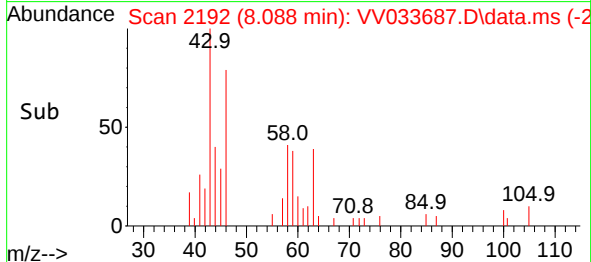
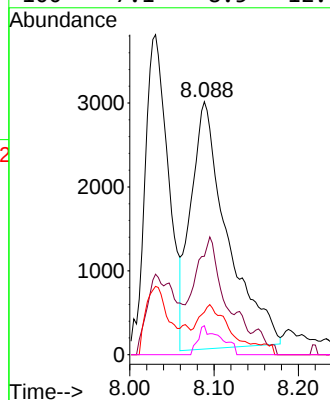
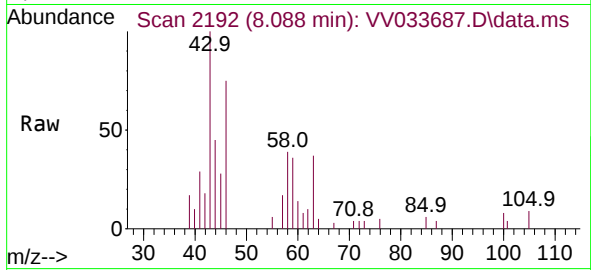




#48
2-Hexanone
Concen: 3.091 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV033687.D
Acq: 16 Jan 2024 22:10

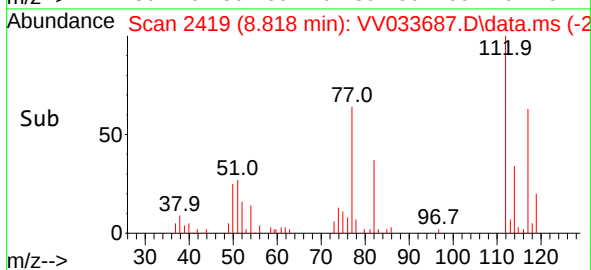
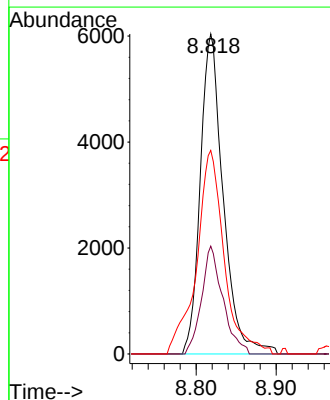
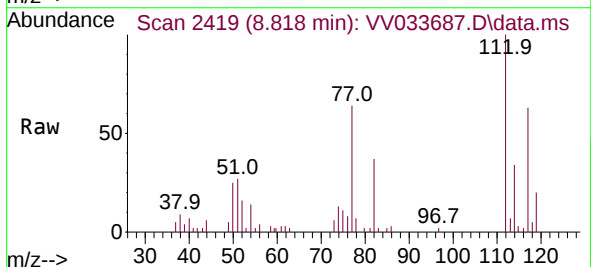
Instrument :
MSVOA_V
ClientSampleId :

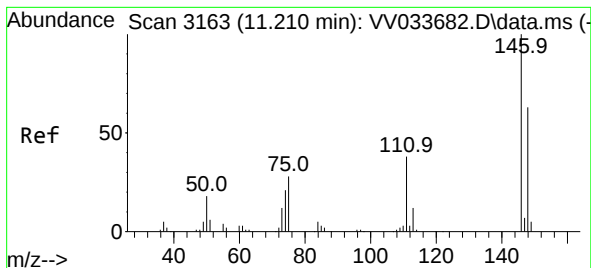
Tgt Ion: 43	Resp: 8887
Ion Ratio	Lower Upper
43 100	
58 16.6	40.6 61.0#
57 13.4	13.8 20.8#
100 7.1	8.5 12.7#



#51
Chlorobenzene
Concen: 0.541 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV033687.D
Acq: 16 Jan 2024 22:10

Tgt Ion: 112	Resp: 12040
Ion Ratio	Lower Upper
112 100	
114 33.7	22.9 42.5
77 63.6	50.8 76.2





#65

1,4-Dichlorobenzene

Concen: 0.186 ug/L

RT: 11.214 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033687.D

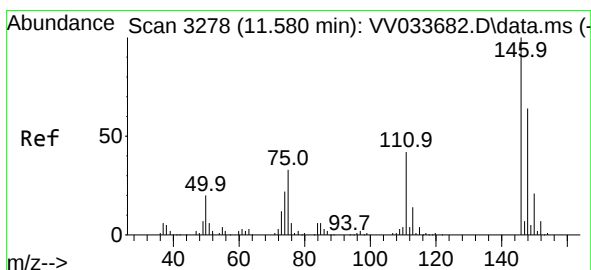
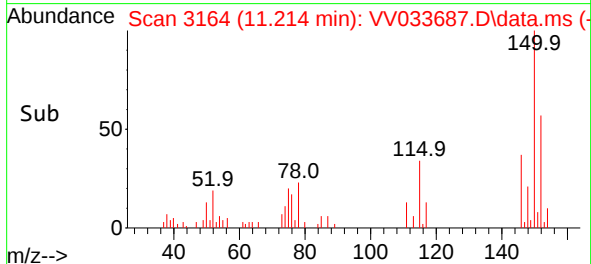
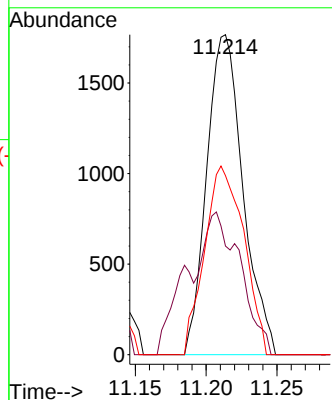
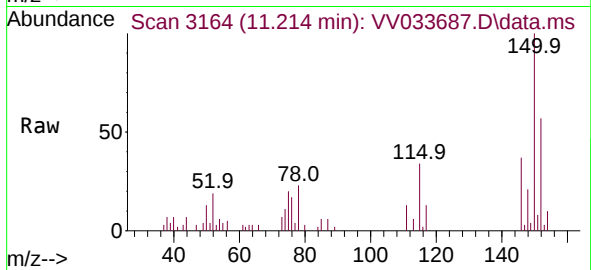
Acq: 16 Jan 2024 22:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	3150
Ion Ratio	Lower	Upper
146	100	
111	34.0	27.5 51.1
148	56.0	43.3 80.5



#67

1,2-Dichlorobenzene

Concen: 0.845 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV033687.D

Acq: 16 Jan 2024 22:10

Tgt Ion:146	Resp:	12713
Ion Ratio	Lower	Upper
146	100	
111	44.4	36.1 54.1
148	65.5	52.2 78.2

