

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057547.D
 Acq On : 17 Jan 2024 18:16
 Operator : MD/SY
 Sample : P1120-07 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:11:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

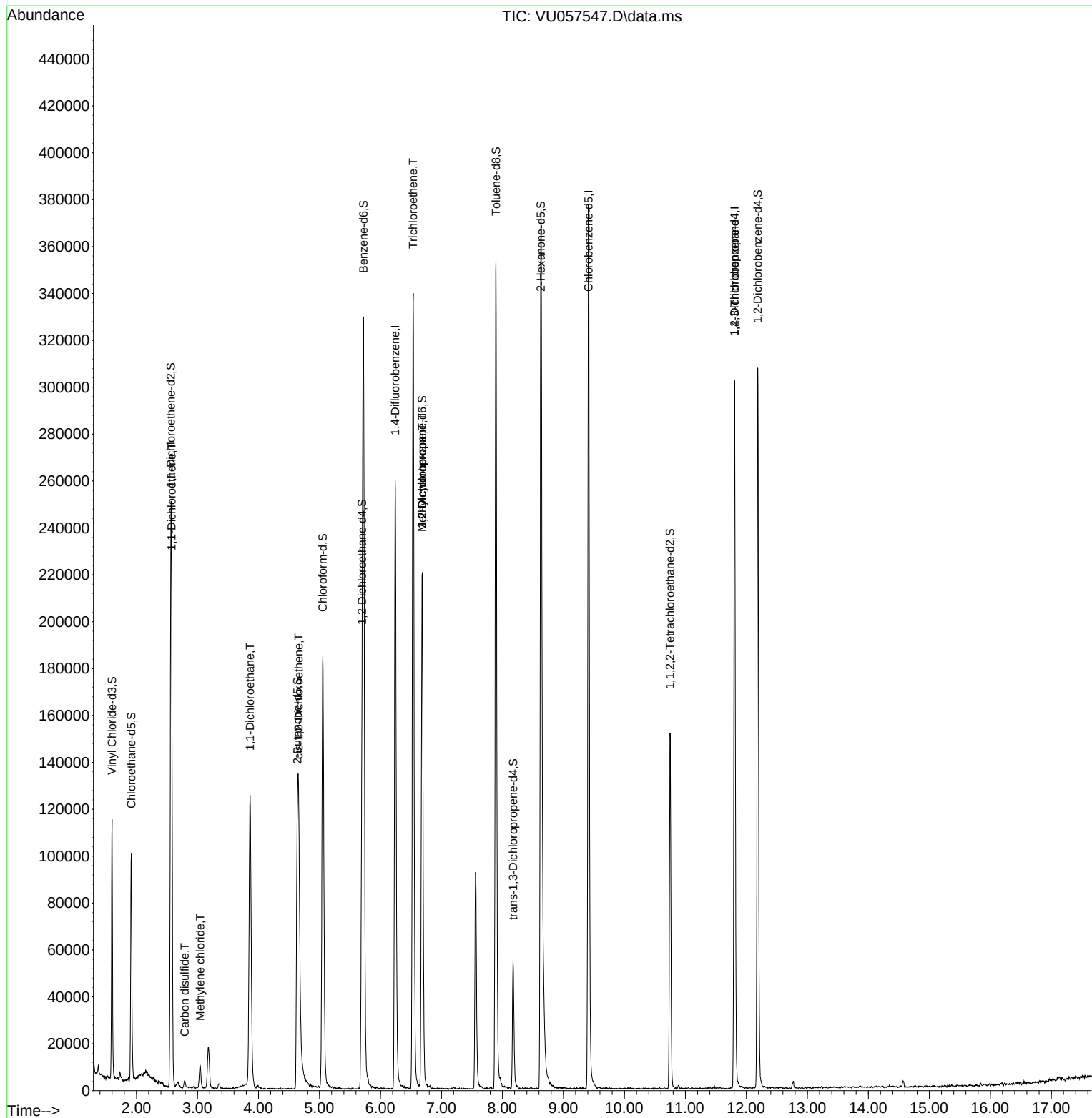
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	198099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	201440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76469	3.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.914	69	71766	4.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	33735	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.637	46	197329	51.905	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.800%
24) Chloroform-d	5.055	84	169208	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.698	65	86989	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	307976	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.685	67	103130	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	237967	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.177	79	31718	3.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.631	63	119730	41.523	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	74938	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	75235	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	42101	3.637	ug/L	91
14) Carbon disulfide	2.792	76	4687	0.145	ug/L	99
16) Methylene chloride	3.042	84	4383	0.280	ug/L	94
19) 1,1-Dichloroethane	3.862	63	141342	5.453	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	29155	2.180	ug/L	96
34) Trichloroethene	6.537	95	118541	7.625	ug/L	98
35) Methylcyclohexane	6.682	83	24306	1.176	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	11457	0.683	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	11491	1.614	ug/L #	68

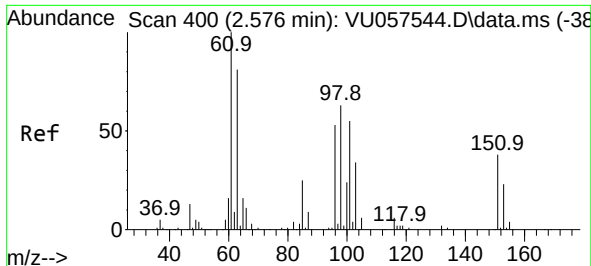
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 01:10:22 2024
Response via : Initial Calibration

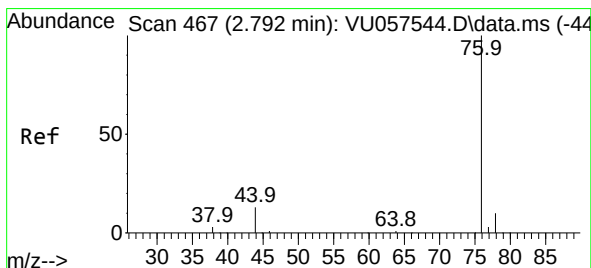
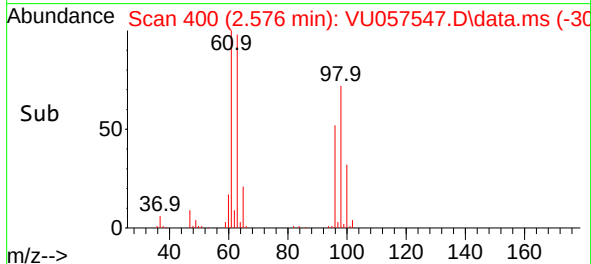
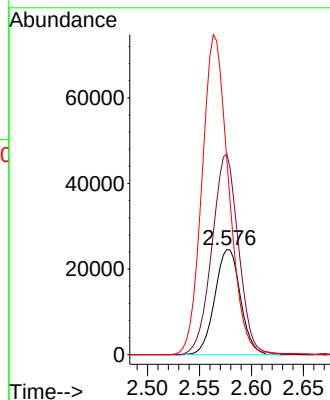
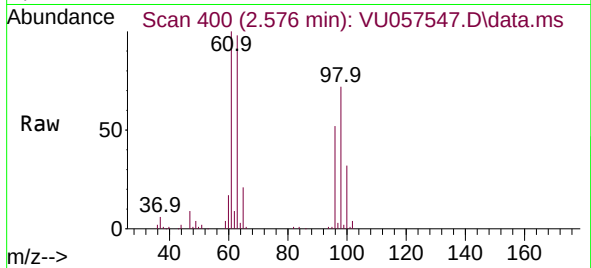




#12
1,1-Dichloroethene
Concen: 3.637 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

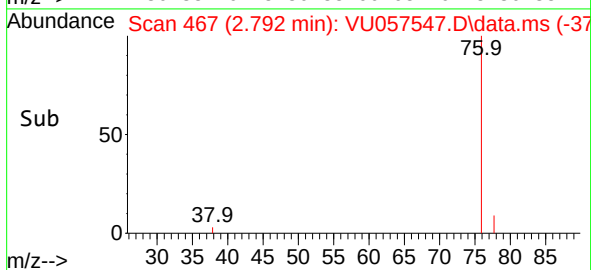
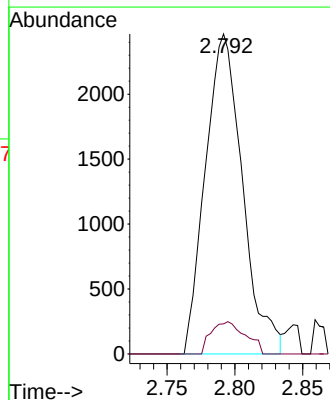
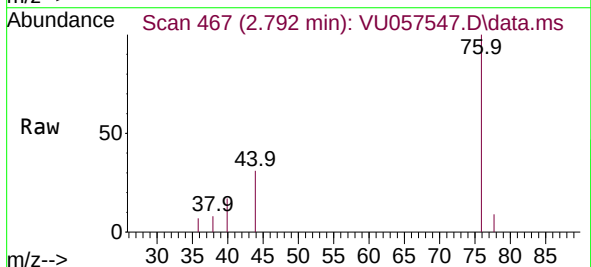
Instrument :
MSVOA_U
ClientSampleId :

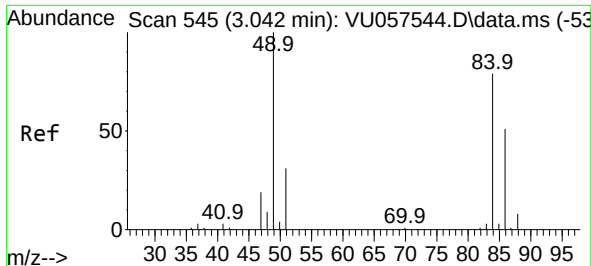
Tgt Ion: 96 Resp: 42101
Ion Ratio Lower Upper
96 100
61 191.1 130.9 243.1
63 186.4 114.8 213.2



#14
Carbon disulfide
Concen: 0.145 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

Tgt Ion: 76 Resp: 4687
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

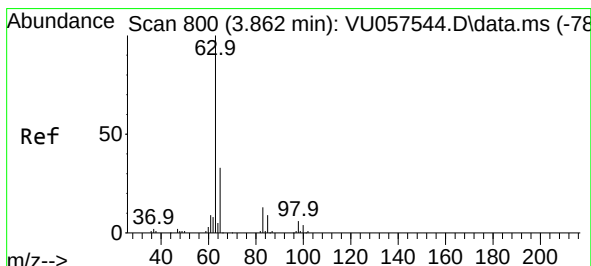
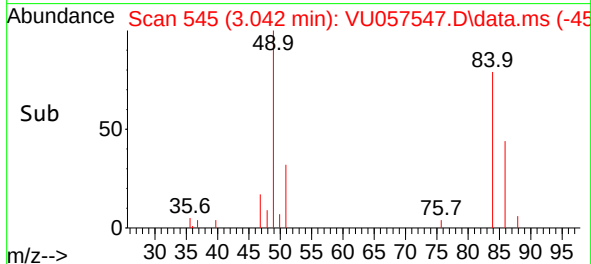
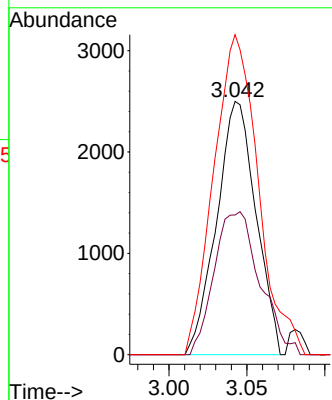
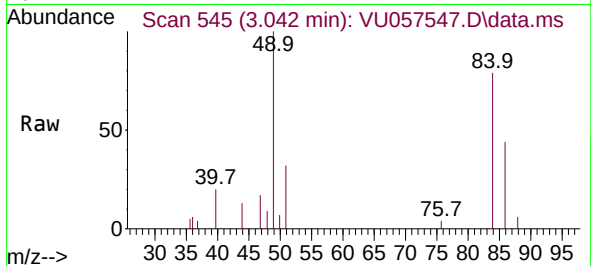




#16
Methylene chloride
Concen: 0.280 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

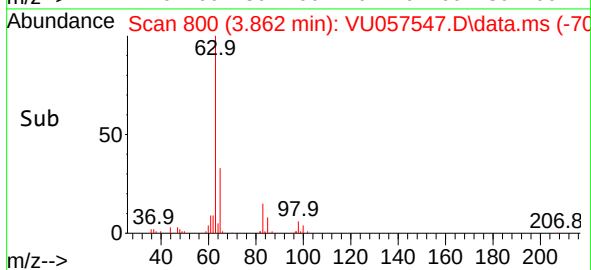
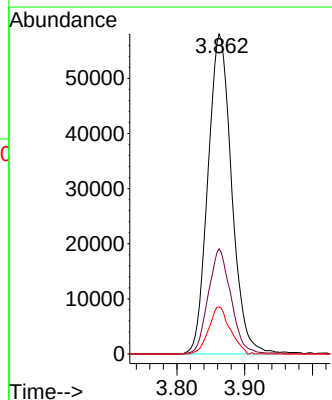
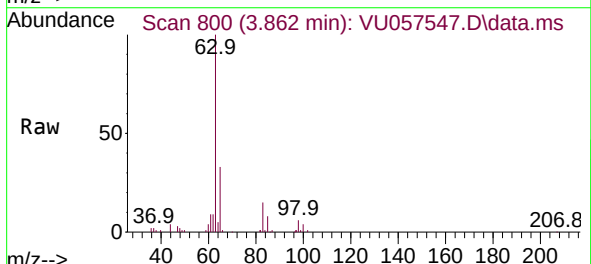
Instrument :
MSVOA_U
ClientSampleId :

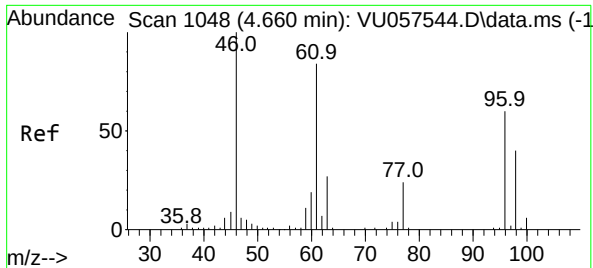
Tgt Ion: 84 Resp: 4383
Ion Ratio Lower Upper
84 100
86 55.1 45.8 85.2
49 126.4 86.7 161.1



#19
1,1-Dichloroethane
Concen: 5.453 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

Tgt Ion: 63 Resp: 141342
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.3
83 14.6 9.1 16.9

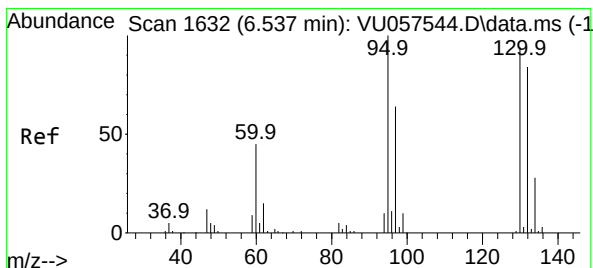
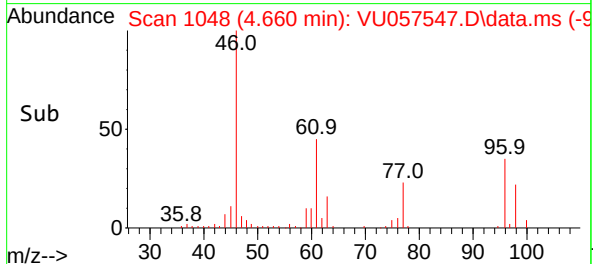
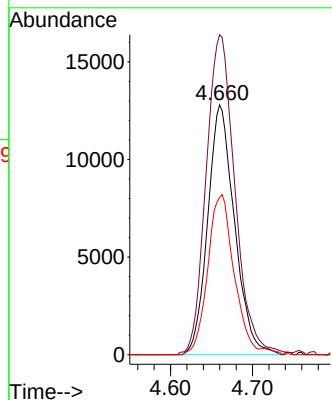
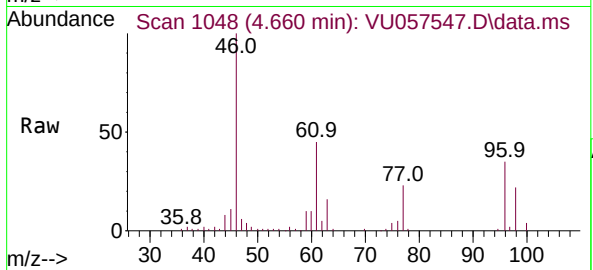




#22
 cis-1,2-Dichloroethene
 Concen: 2.180 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057547.D
 Acq: 17 Jan 2024 18:16

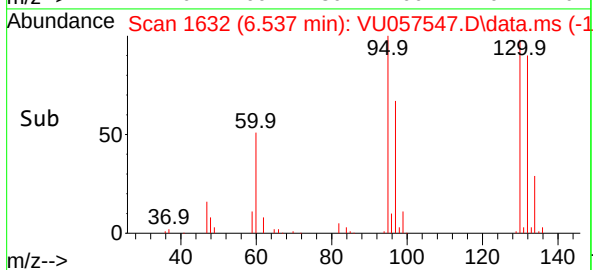
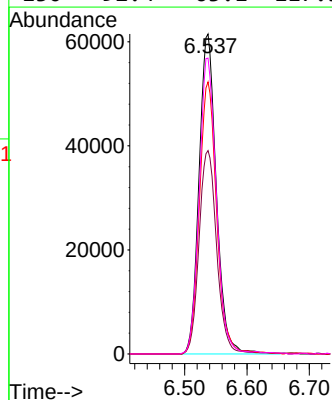
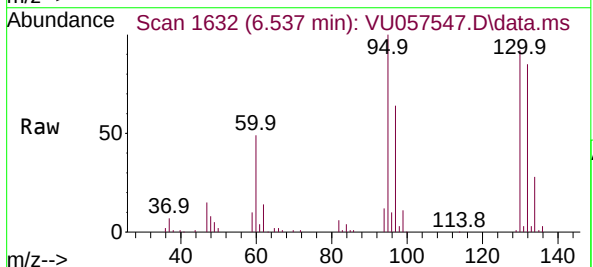
Instrument :
 MSVOA_U
 ClientSampleId :

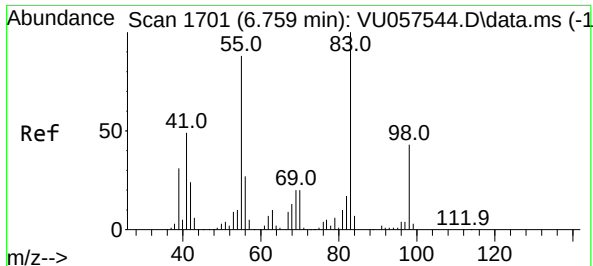
Tgt Ion: 96 Resp: 29155
 Ion Ratio Lower Upper
 96 100
 61 128.1 93.4 173.4
 98 62.9 44.9 83.3



#34
 Trichloroethene
 Concen: 7.625 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU057547.D
 Acq: 17 Jan 2024 18:16

Tgt Ion: 95 Resp: 118541
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.0 83.6
 132 85.0 61.7 114.5
 130 92.4 63.1 117.3

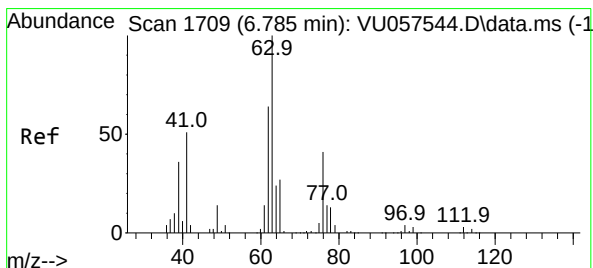
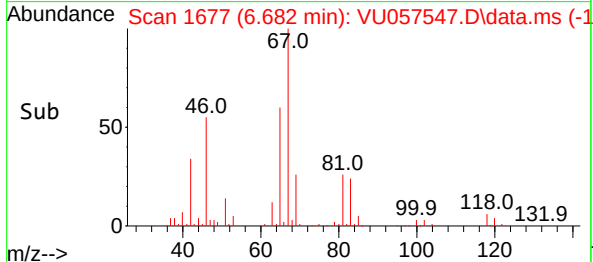
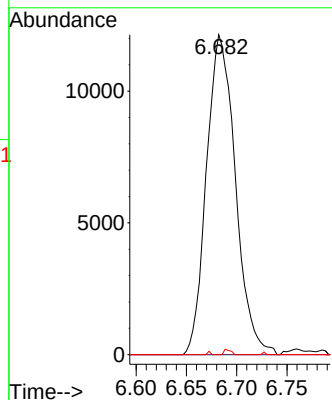
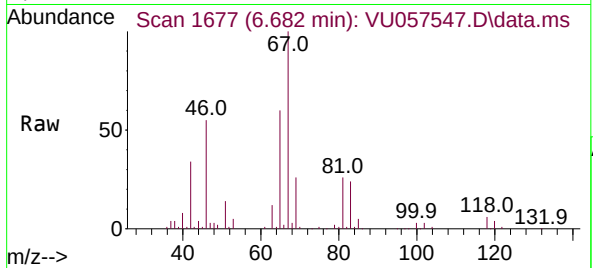




#35
Methylcyclohexane
Concen: 1.176 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

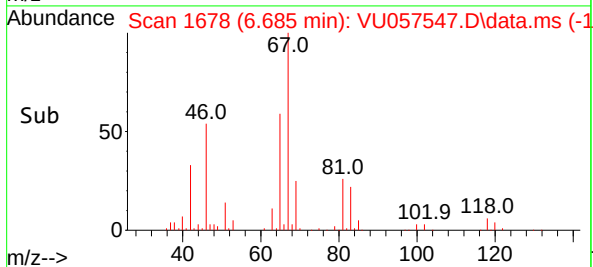
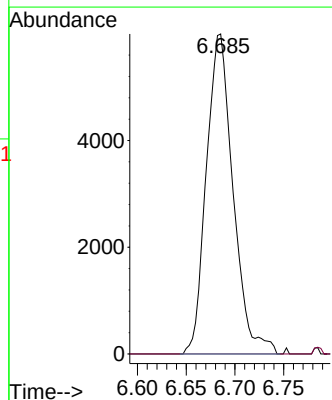
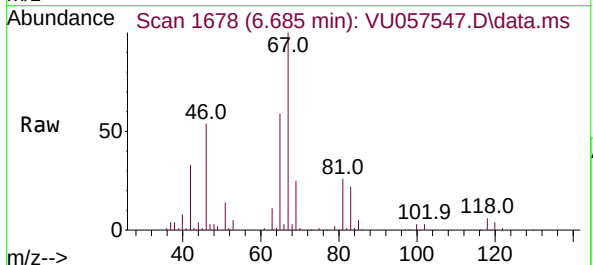
Instrument :
MSVOA_U
ClientSampleId :

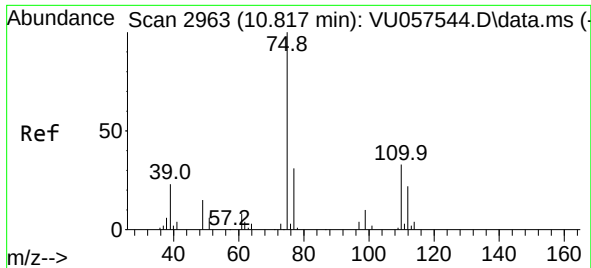
Tgt Ion: 83 Resp: 24306
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 0.4 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

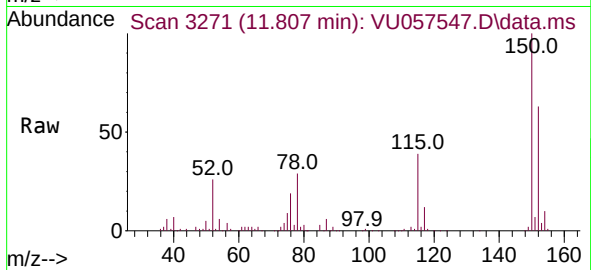
Tgt Ion: 63 Resp: 11457
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#





#61
1,2,3-Trichloropropane
Concen: 1.614 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057547.D
Acq: 17 Jan 2024 18:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11491
Ion Ratio Lower Upper
75 100
110 2.1 29.4 44.0#
77 31.9 26.2 39.4

