

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U049260.D
 Acq On : 17 Jun 2022 21:43
 Operator : SY/MD
 Sample : N3320-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:50:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

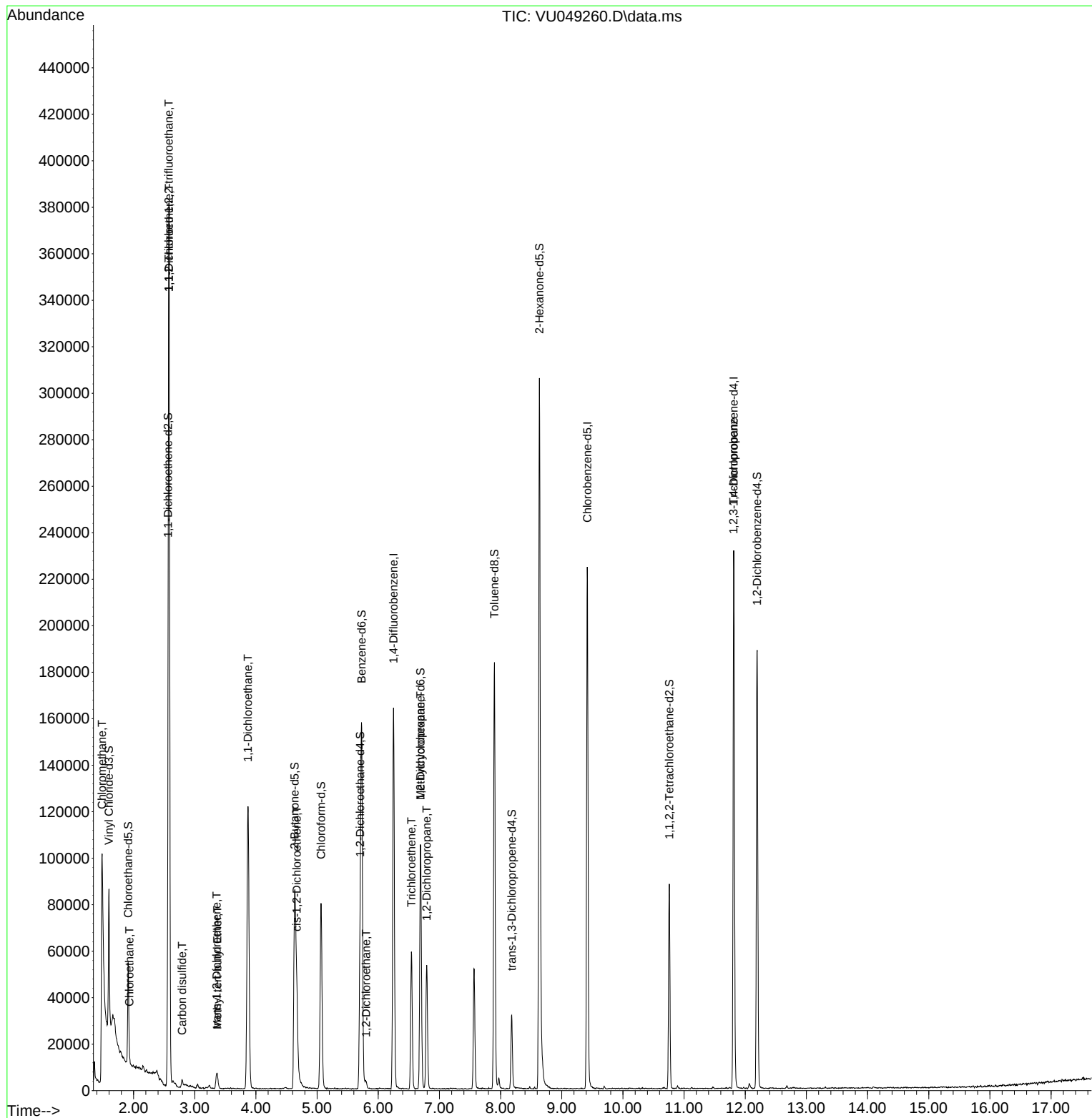
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40033	3.546	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.912	69	29965	3.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.565	65	15664	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.633	46	149858	49.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	5.067	84	73814	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.703	65	41664	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.729	84	142574	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.690	67	50993	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.899	98	119133	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.182	79	18838	3.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.636	63	106885	48.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43513	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	47721	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.485	50	3160	0.261	ug/L #	42
8) Chloroethane	1.932	64	813	0.129	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	515	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	108924	14.991	ug/L #	78
14) Carbon disulfide	2.793	76	3773	0.157	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	4889	0.222	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	1746	0.217	ug/L	87
19) 1,1-Dichloroethane	3.871	63	142871	9.001	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	11522	1.280	ug/L	95
27) 1,2-Dichloroethane	5.803	62	2687	0.256	ug/L #	74
34) Trichloroethene	6.542	95	19870	2.171	ug/L	98
35) Methylcyclohexane	6.690	83	10898	0.710	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	21082	2.143	ug/L	100
61) 1,2,3-Trichloropropane	11.809	75	7869	1.188	ug/L #	69

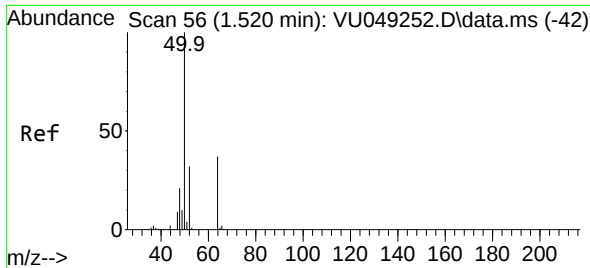
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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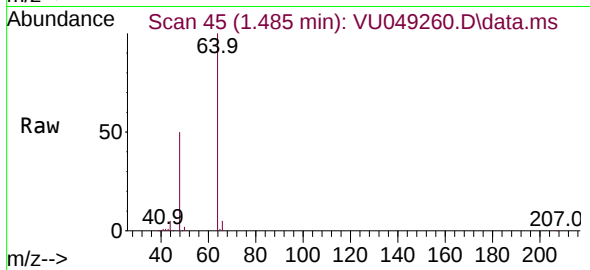
Quant Time: Jun 18 05:50:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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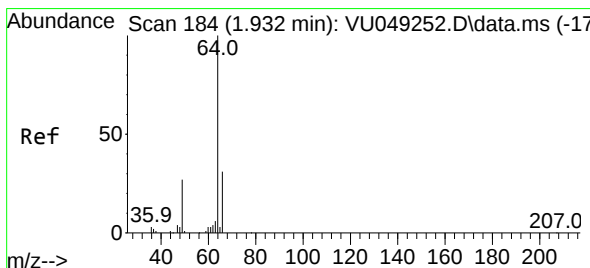
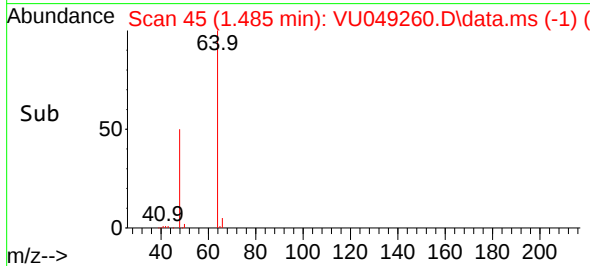
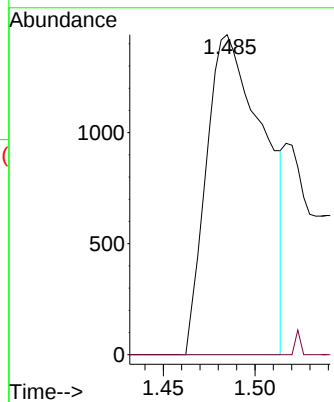


#3
Chloromethane
Concen: 0.261 ug/L
RT: 1.485 min Scan# 41
Delta R.T. -0.035 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :

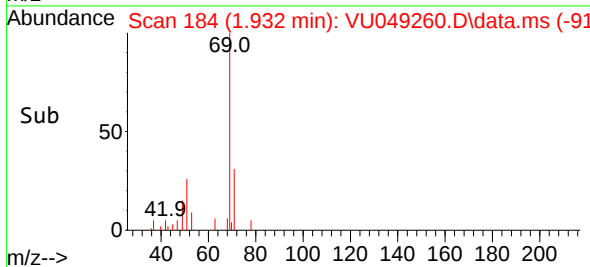
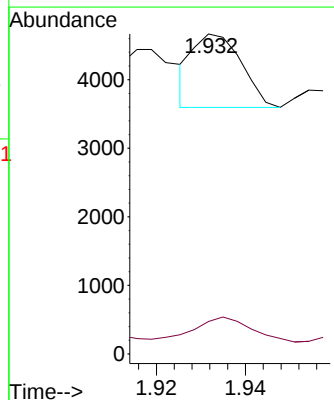
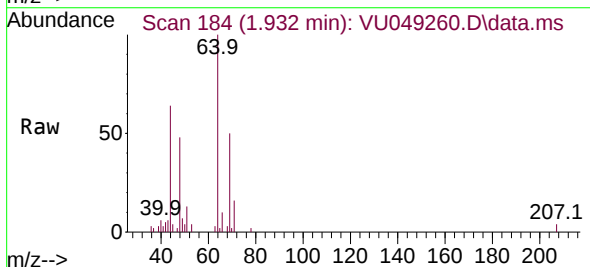


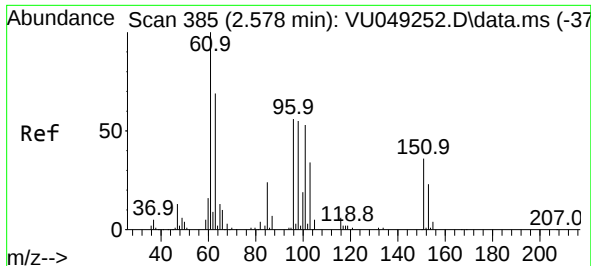
Tgt Ion: 50 Resp: 3160
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.129 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

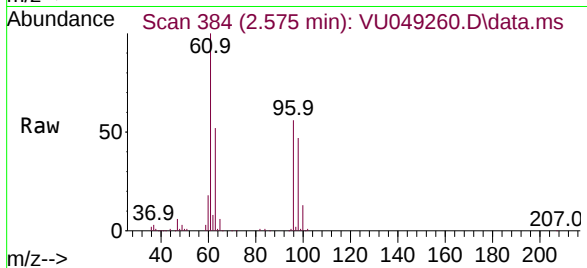
Tgt Ion: 64 Resp: 813
Ion Ratio Lower Upper
64 100
66 9.9 20.9 38.9#



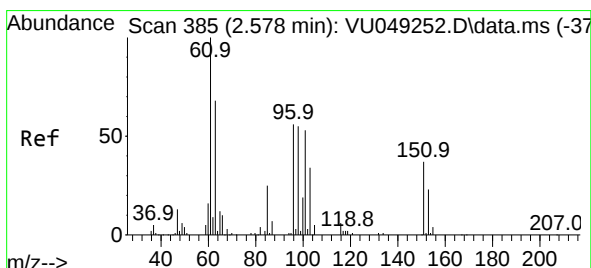
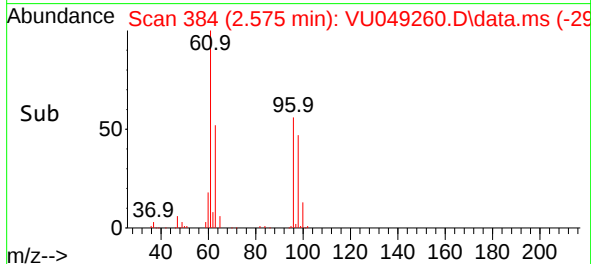
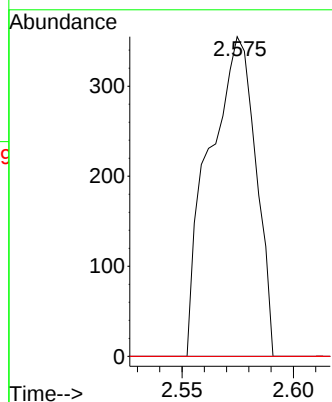


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

Instrument :
 MSVOA_U
 ClientSampleId :

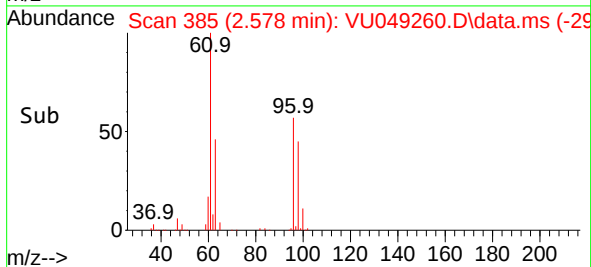
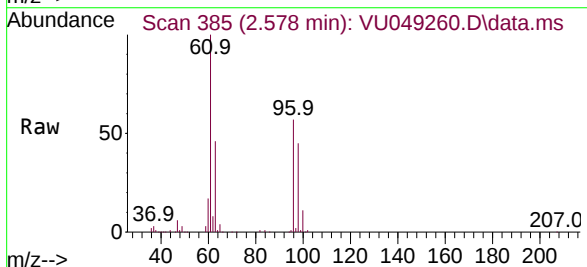
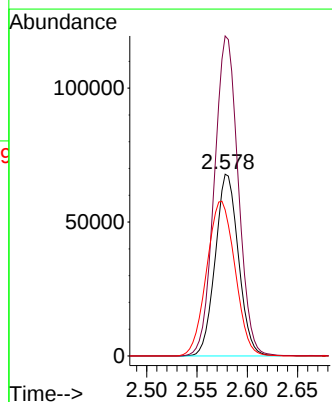


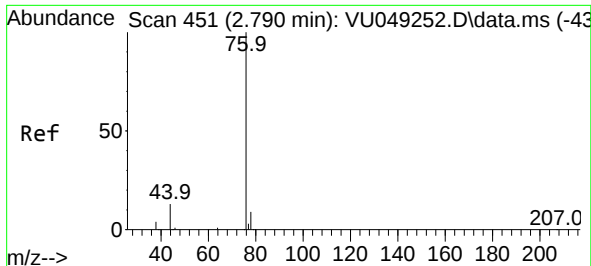
Tgt Ion: 101 Resp: 515
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 14.991 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

Tgt Ion: 96 Resp: 108924
 Ion Ratio Lower Upper
 96 100
 61 176.0 127.2 236.2
 63 80.4 94.7 175.9#

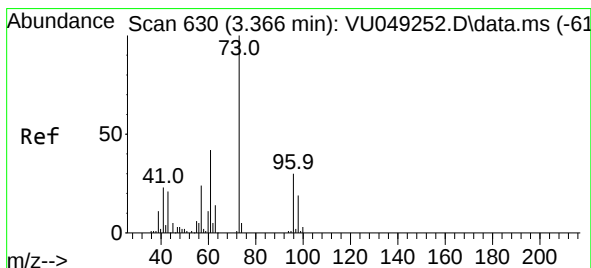
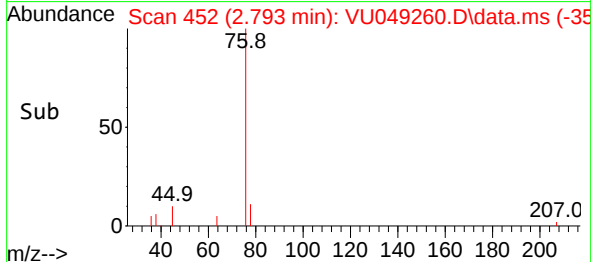
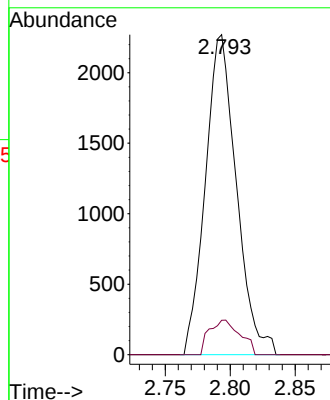
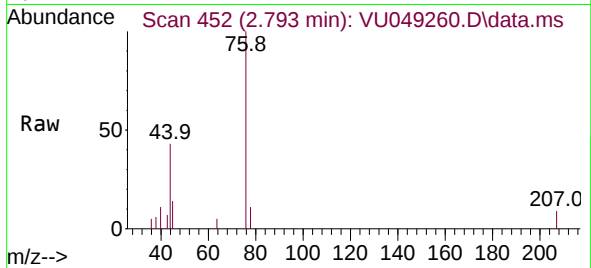




#14
Carbon disulfide
Concen: 0.157 ug/L
RT: 2.793 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

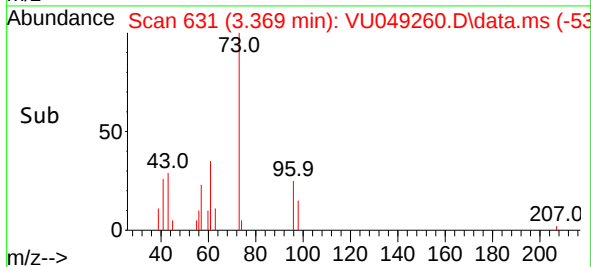
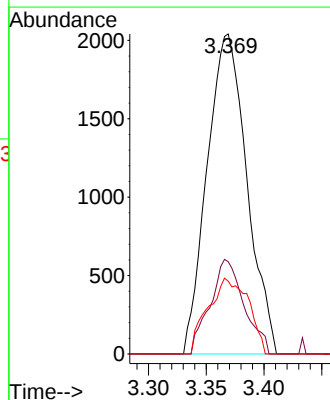
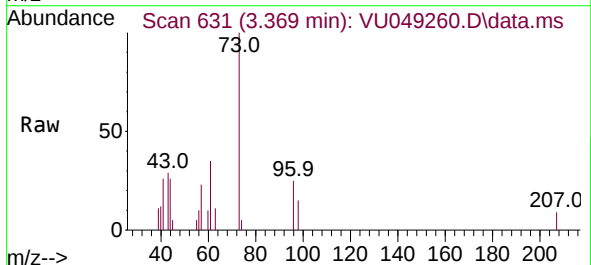
Instrument :
MSVOA_U
ClientSampleId :

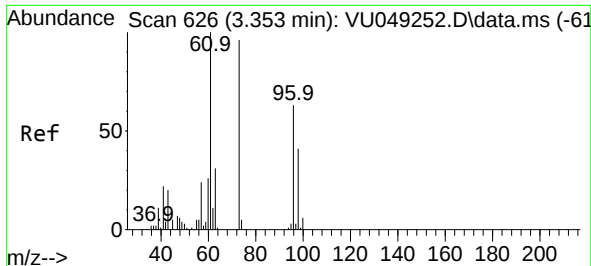
Tgt Ion: 76 Resp: 3773
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

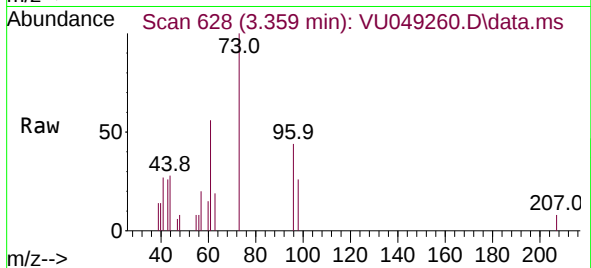
Tgt Ion: 73 Resp: 4889
Ion Ratio Lower Upper
73 100
43 25.3 16.5 24.7#
57 24.0 18.6 27.8



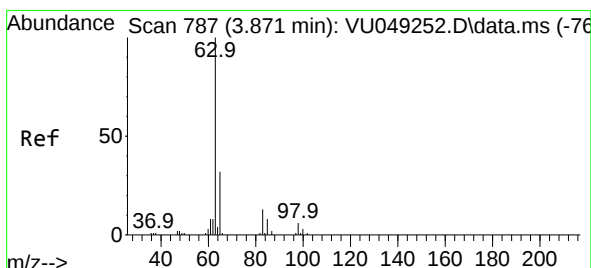
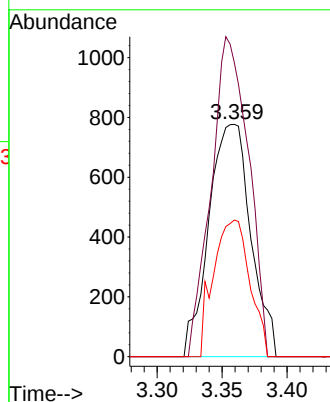
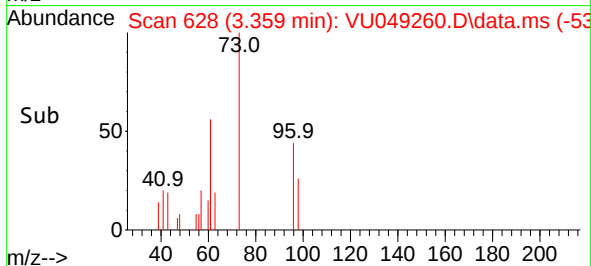


#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

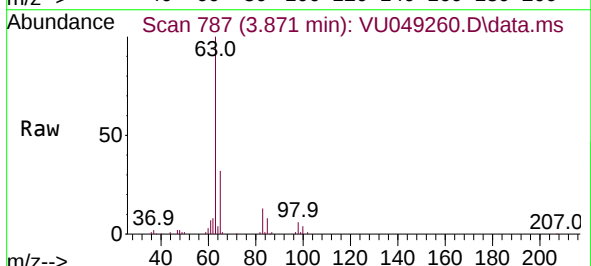
Instrument :
MSVOA_U
ClientSampleId :



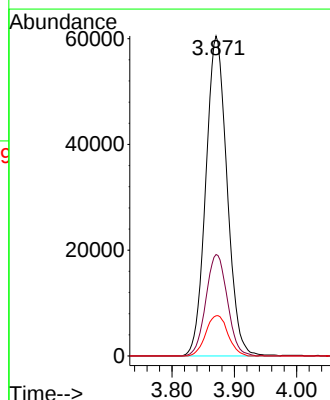
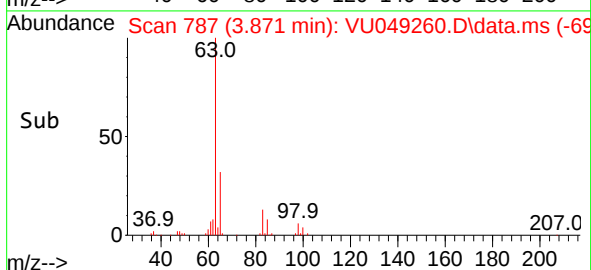
Tgt Ion: 96 Resp: 1746
Ion Ratio Lower Upper
96 100
61 126.6 103.3 191.9
98 58.8 44.0 81.8

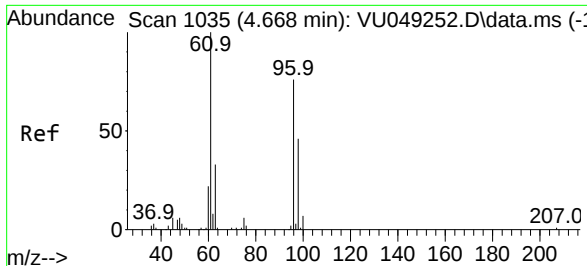


#19
1,1-Dichloroethane
Concen: 9.001 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43



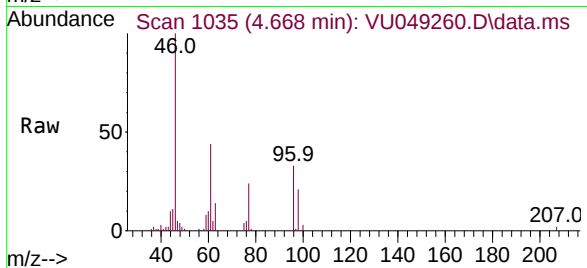
Tgt Ion: 63 Resp: 142871
Ion Ratio Lower Upper
63 100
65 31.7 24.0 44.6
83 12.6 9.1 16.9



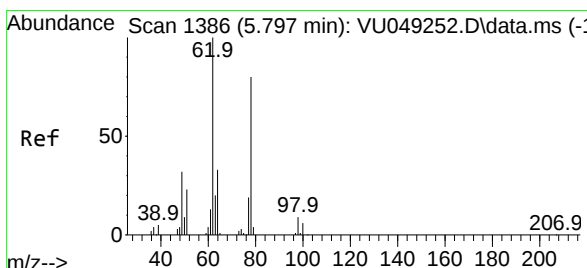
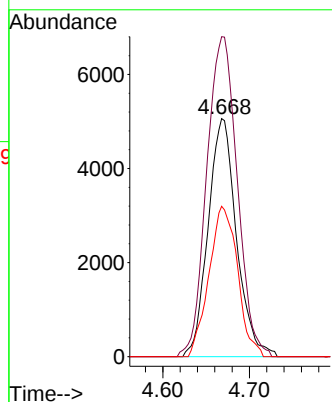
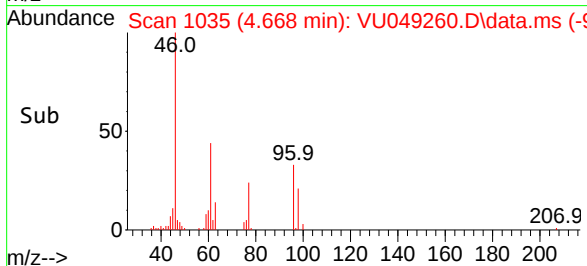


#22
 cis-1,2-Dichloroethene
 Concen: 1.280 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

Instrument :
 MSVOA_U
 ClientSampleId :

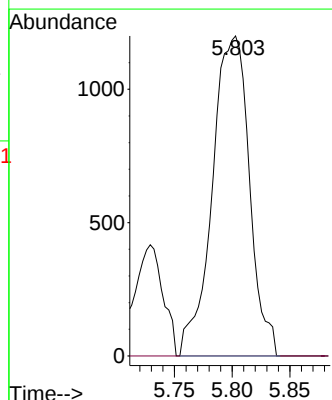
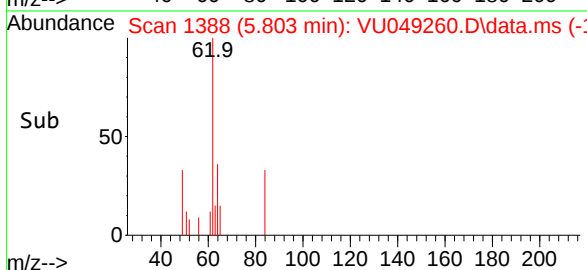
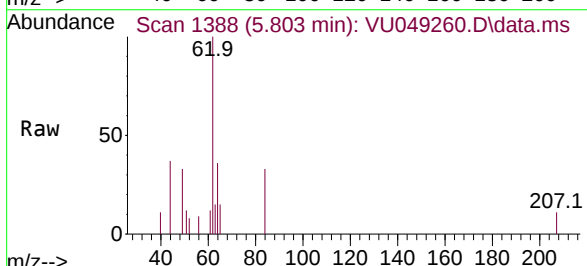


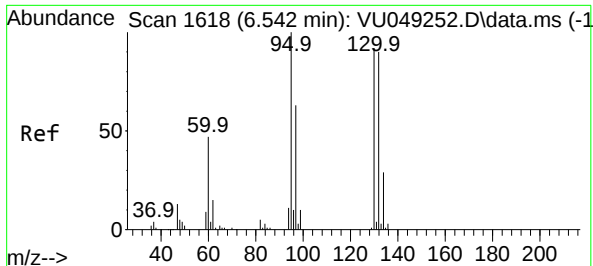
Tgt Ion: 96 Resp: 11522
 Ion Ratio Lower Upper
 96 100
 61 134.4 99.5 184.9
 98 63.1 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.256 ug/L
 RT: 5.803 min Scan# 1388
 Delta R.T. 0.006 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

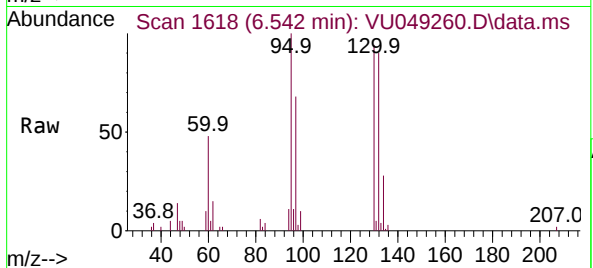
Tgt Ion: 62 Resp: 2687
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



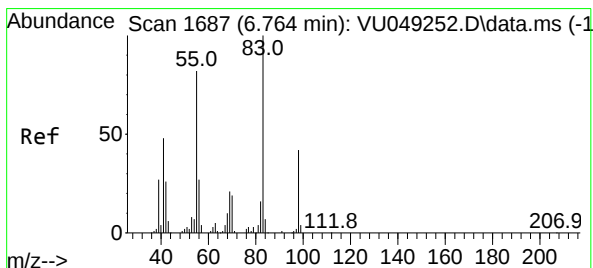
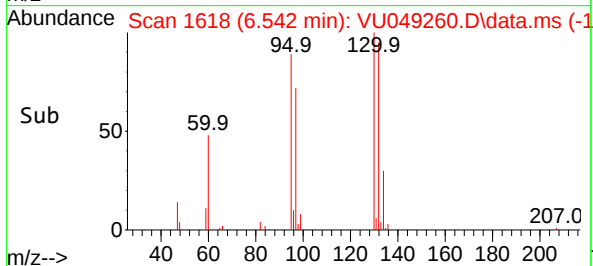
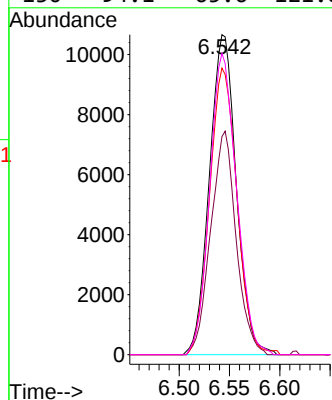


#34
Trichloroethene
Concen: 2.171 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

Instrument :
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ClientSampleId :

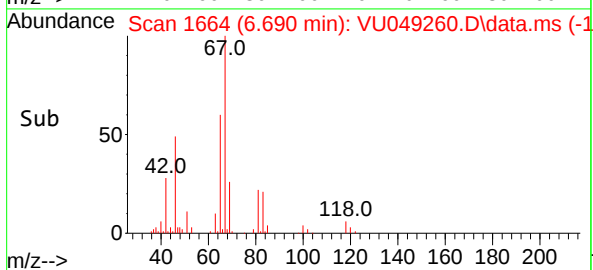
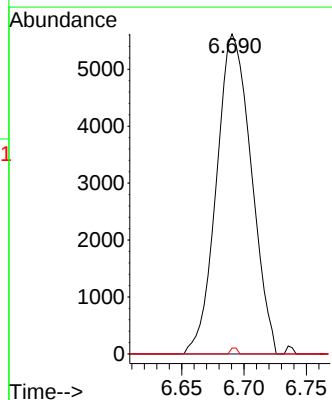
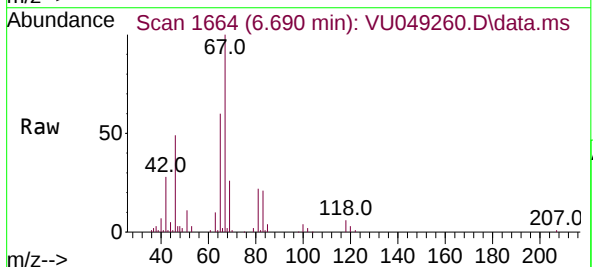


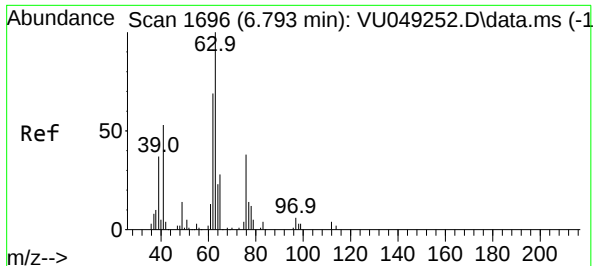
Tgt Ion:	95	Resp:	19870
Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.3	84.1
132	89.6	61.5	114.3
130	94.1	65.6	121.8



#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

Tgt Ion:	83	Resp:	10898
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.9	100.3#
98	0.4	35.5	53.3#

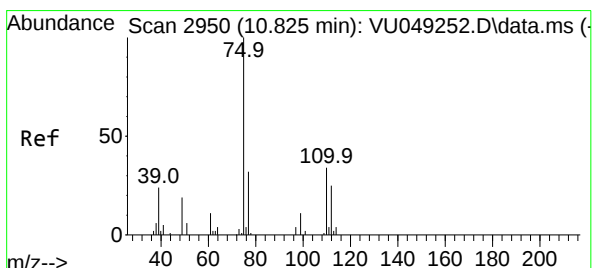
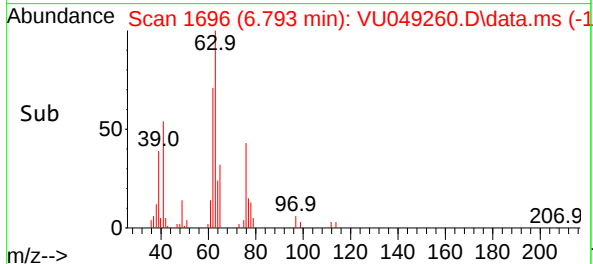
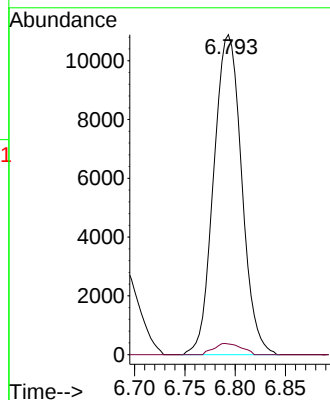
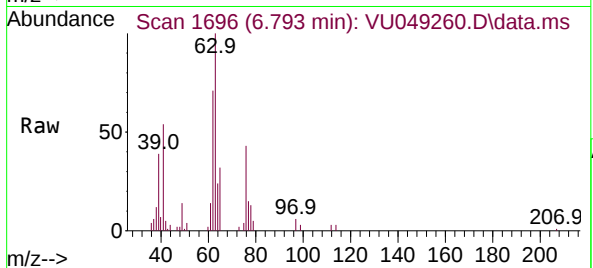




#37
1,2-Dichloropropane
Concen: 2.143 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 21082
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#61
1,2,3-Trichloropropane
Concen: 1.188 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.984 min
Lab File: VU049260.D
Acq: 17 Jun 2022 21:43

Tgt Ion: 75 Resp: 7869
Ion Ratio Lower Upper
75 100
110 1.9 29.0 43.4#
77 31.7 26.2 39.2

