

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050482.D
 Acq On : 29 Aug 2022 14:13
 Operator : SY/MD
 Sample : N4322-23DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

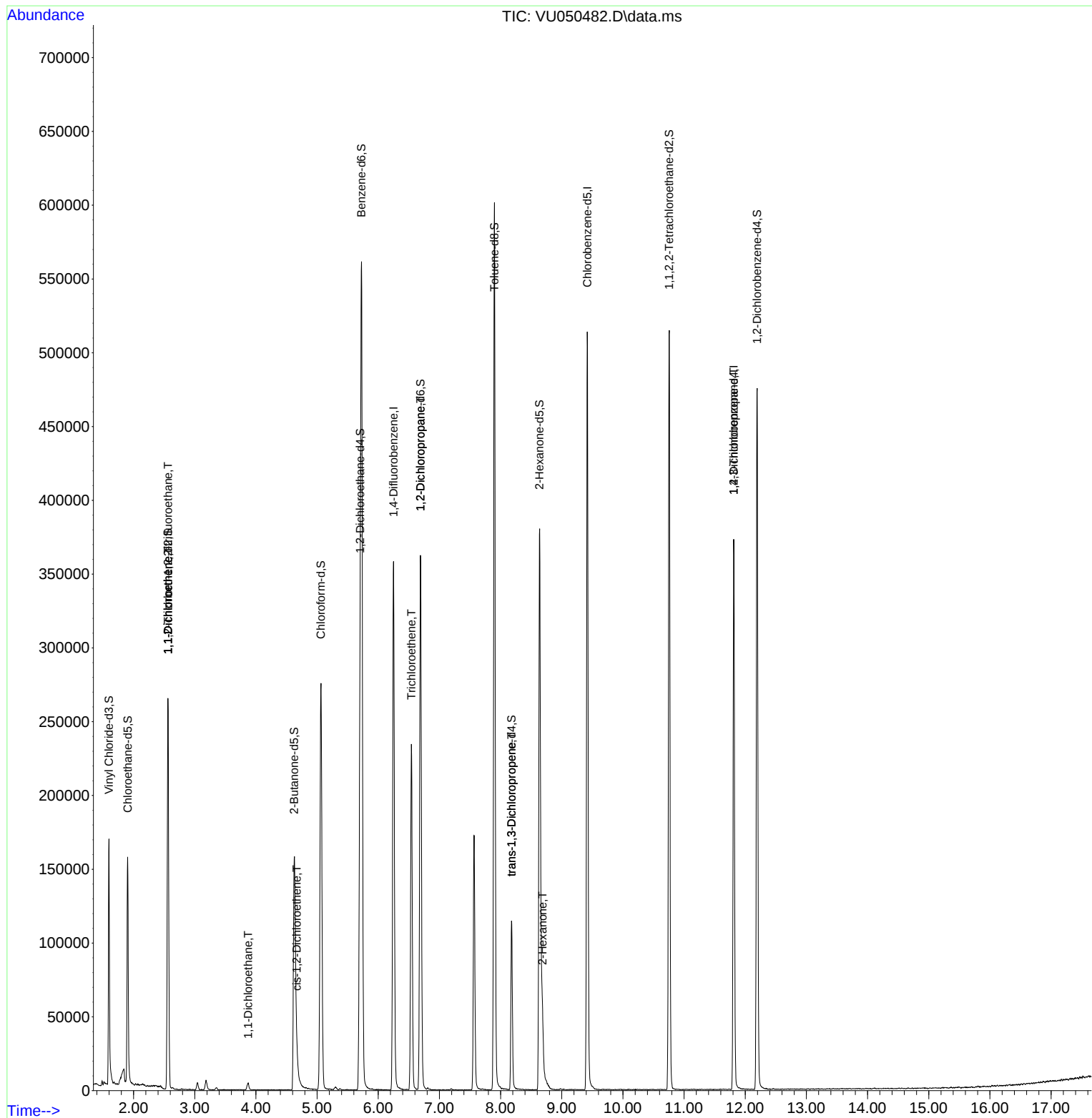
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	292429	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	293384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	129729	37.518	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.040%		
7) Chloroethane-d5	1.903	69	118553	46.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.680%		
11) 1,1-Dichloroethene-d2	2.562	63	156007	31.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.860%		
21) 2-Butanone-d5	4.626	46	242099	106.970	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.970%		
24) Chloroform-d	5.063	84	261722	47.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.300%		
26) 1,2-Dichloroethane-d4	5.703	65	172816	50.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.200%		
32) Benzene-d6	5.726	84	518946	47.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
36) 1,2-Dichloropropane-d6	6.690	67	180445	50.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.500%		
41) Toluene-d8	7.899	98	413021	43.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.080%		
43) trans-1,3-Dichloroprop...	8.179	79	66363	44.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.600%		
47) 2-Hexanone-d5	8.635	63	120086	90.106	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.110%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	265155	47.870	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.740%		
66) 1,2-Dichlorobenzene-d4	12.195	152	130408	54.255	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1341	0.661	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1322	0.737	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	5761	1.410	ug/L	91
20) cis-1,2-Dichloroethene	4.668	96	3664	1.623	ug/L	85
34) Trichloroethene	6.542	95	81473	38.748	ug/L	99
37) 1,2-Dichloropropane	6.690	63	18995	7.362	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2955	0.936	ug/L	99
48) 2-Hexanone	8.687	43	20804	7.265	ug/L #	88
60) 1,2,3-Trichloropropane	11.812	75	11874	4.579	ug/L #	66

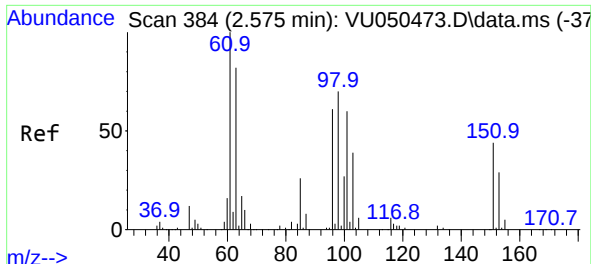
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 30 02:11:49 2022
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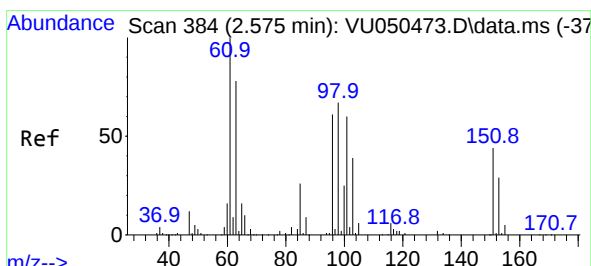
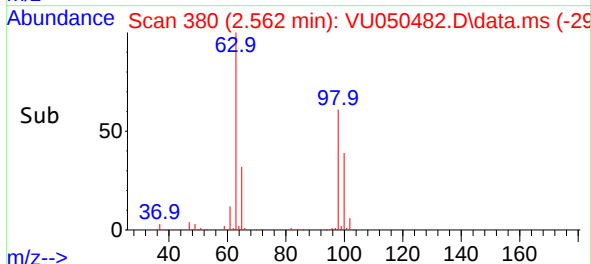
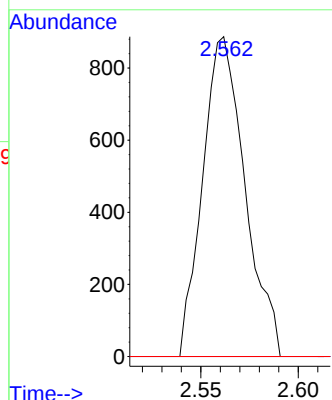
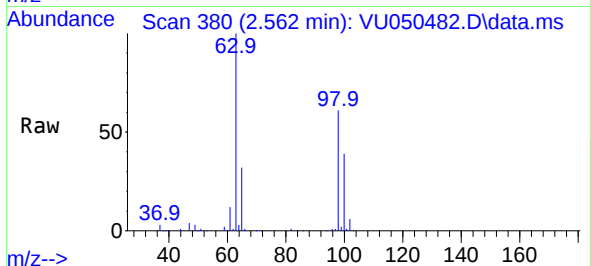




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.661 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

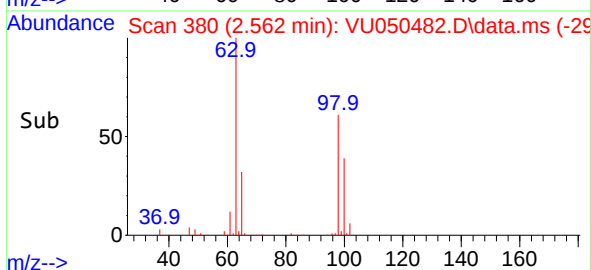
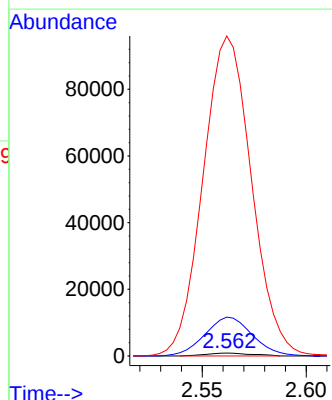
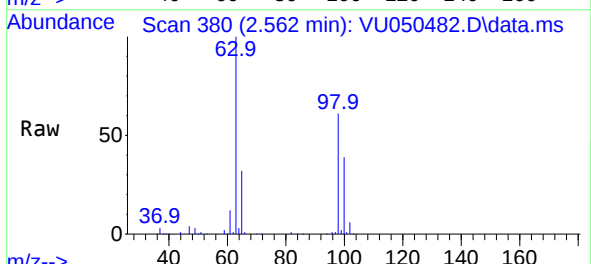
Instrument :
MSVOA_U
ClientSampleId :

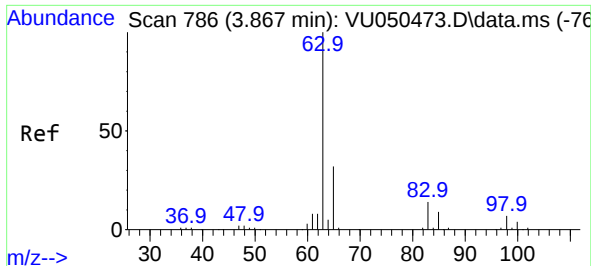
Tgt Ion:101 Resp: 1341
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.737 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

Tgt Ion: 96 Resp: 1322
Ion Ratio Lower Upper
96 100
61 1322.2 116.8 216.8#
63 10895.8 97.4 180.8#

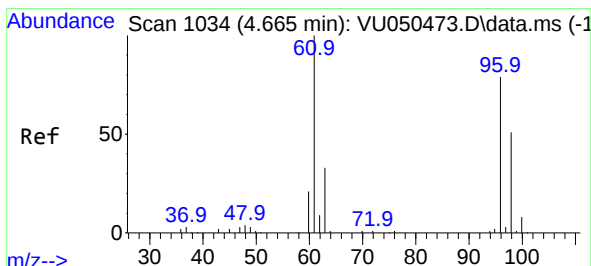
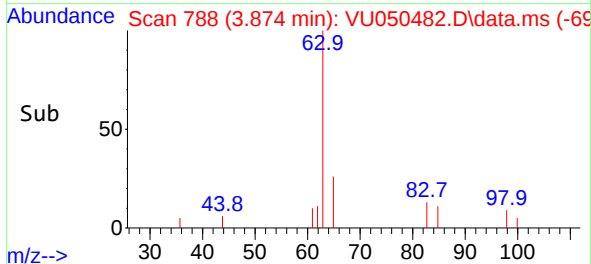
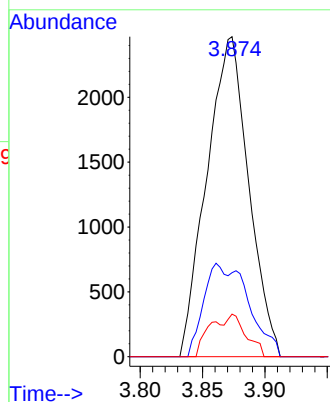
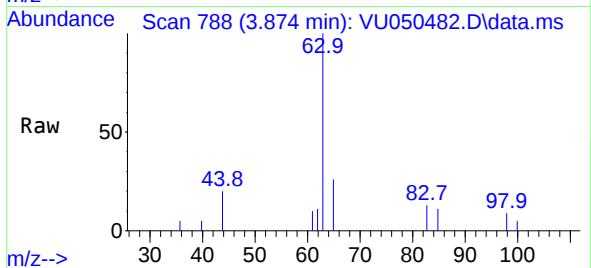




#19
1,1-Dichloroethane
Concen: 1.410 ug/L
RT: 3.874 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

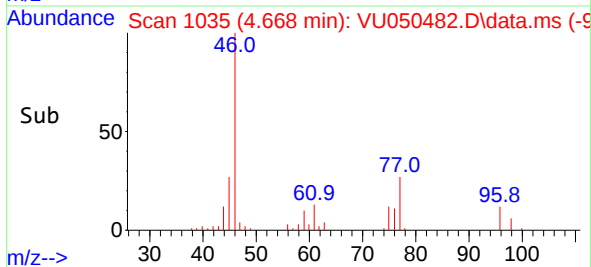
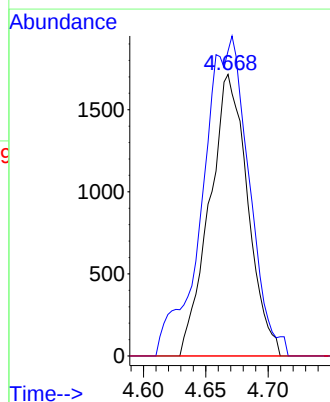
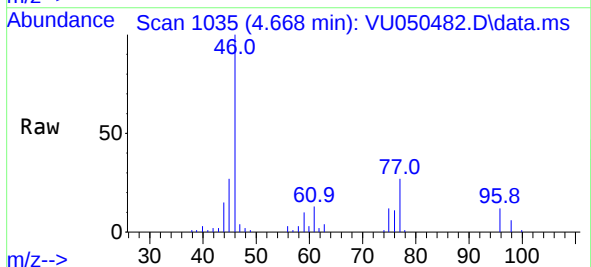
Instrument :
MSVOA_U
ClientSampleId :

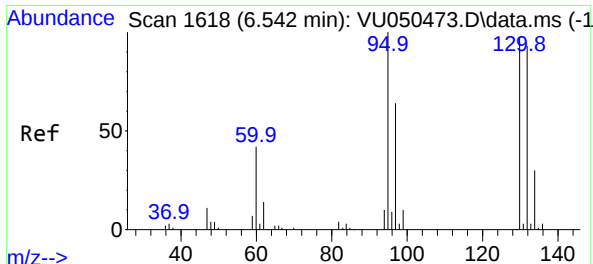
Tgt Ion: 63 Resp: 5761
Ion Ratio Lower Upper
63 100
65 26.3 23.3 43.3
83 13.3 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 1.623 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

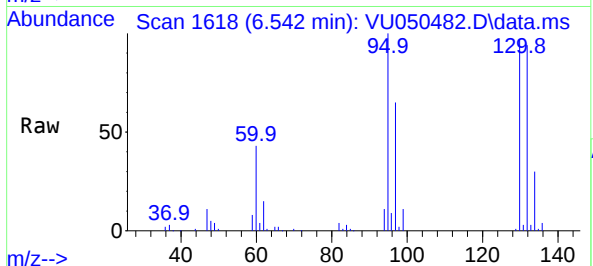
Tgt Ion: 96 Resp: 3664
Ion Ratio Lower Upper
96 100
61 108.3 88.1 163.5
68 0.0 0.0 0.0



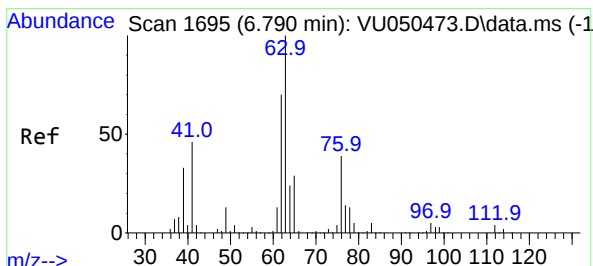
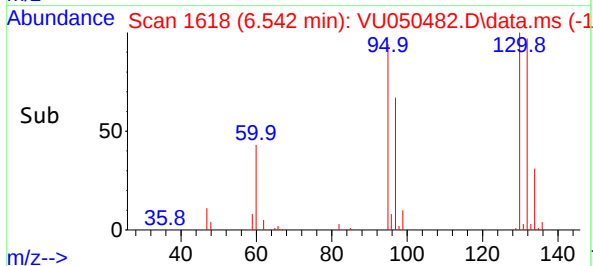
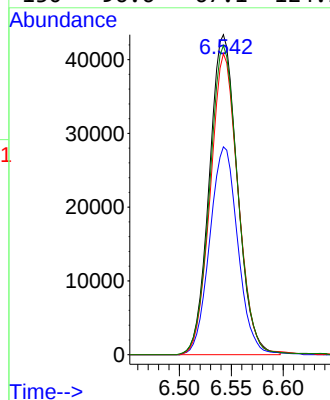


#34
Trichloroethene
Concen: 38.748 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

Instrument :
MSVOA_U
ClientSampleId :

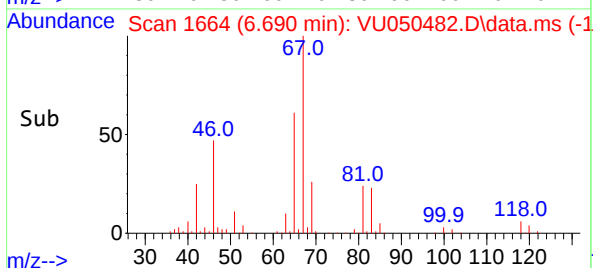
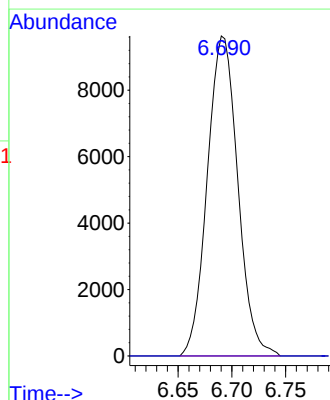
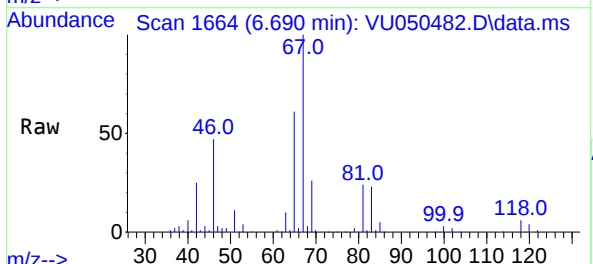


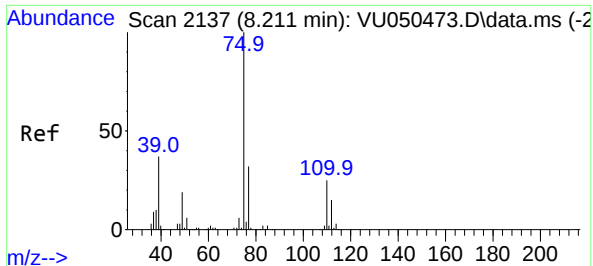
Tgt Ion: 95 Resp: 81473
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 94.0 64.4 119.6
130 96.6 67.1 124.5



#37
1,2-Dichloropropane
Concen: 7.362 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

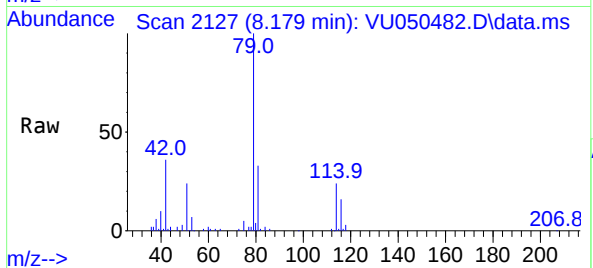
Tgt Ion: 63 Resp: 18995
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



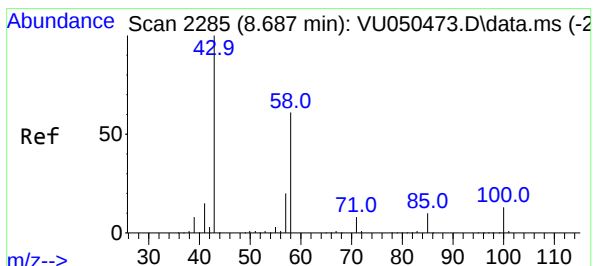
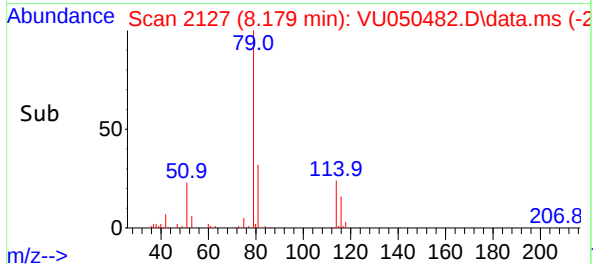
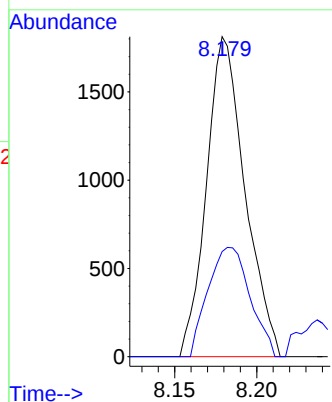


#44
trans-1,3-Dichloropropene
Concen: 0.936 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

Instrument :
MSVOA_U
ClientSampleId :

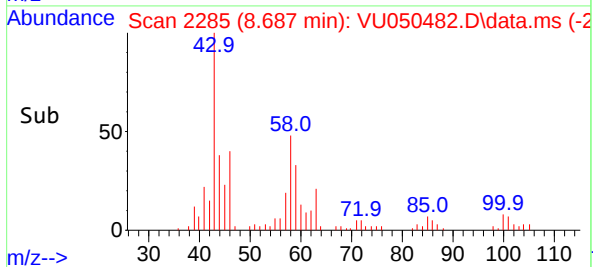
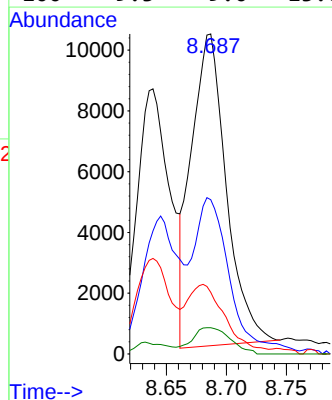
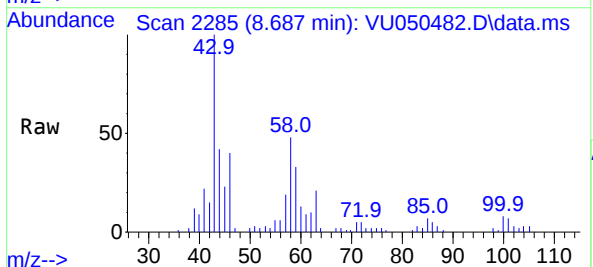


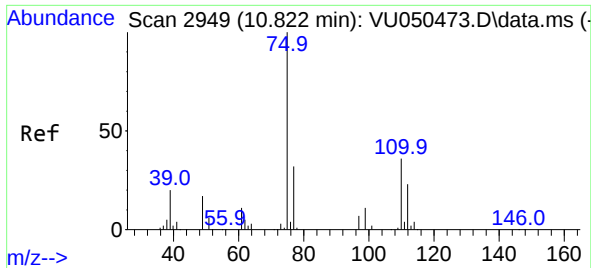
Tgt Ion: 75 Resp: 2955
Ion Ratio Lower Upper
75 100
77 32.9 22.5 41.7



#48
2-Hexanone
Concen: 7.265 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU050482.D
Acq: 29 Aug 2022 14:13

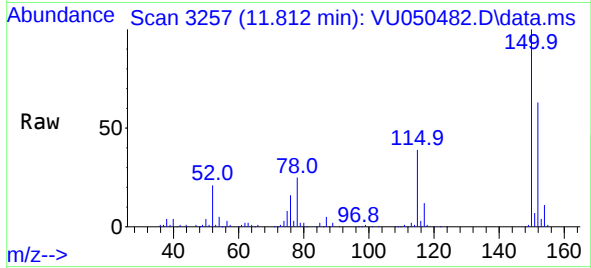
Tgt Ion: 43 Resp: 20804
Ion Ratio Lower Upper
43 100
58 50.1 47.9 71.9
57 24.6 15.4 23.0#
100 9.3 9.0 13.6





#60
 1,2,3-Trichloropropane
 Concen: 4.579 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050482.D
 Acq: 29 Aug 2022 14:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11874

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.7	38.5
110	0.0	29.0	43.4#

