

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053505.D
 Acq On : 31 Mar 2023 20:32
 Operator : JC/MD
 Sample : 02130-15ME
 Misc : 6.21g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

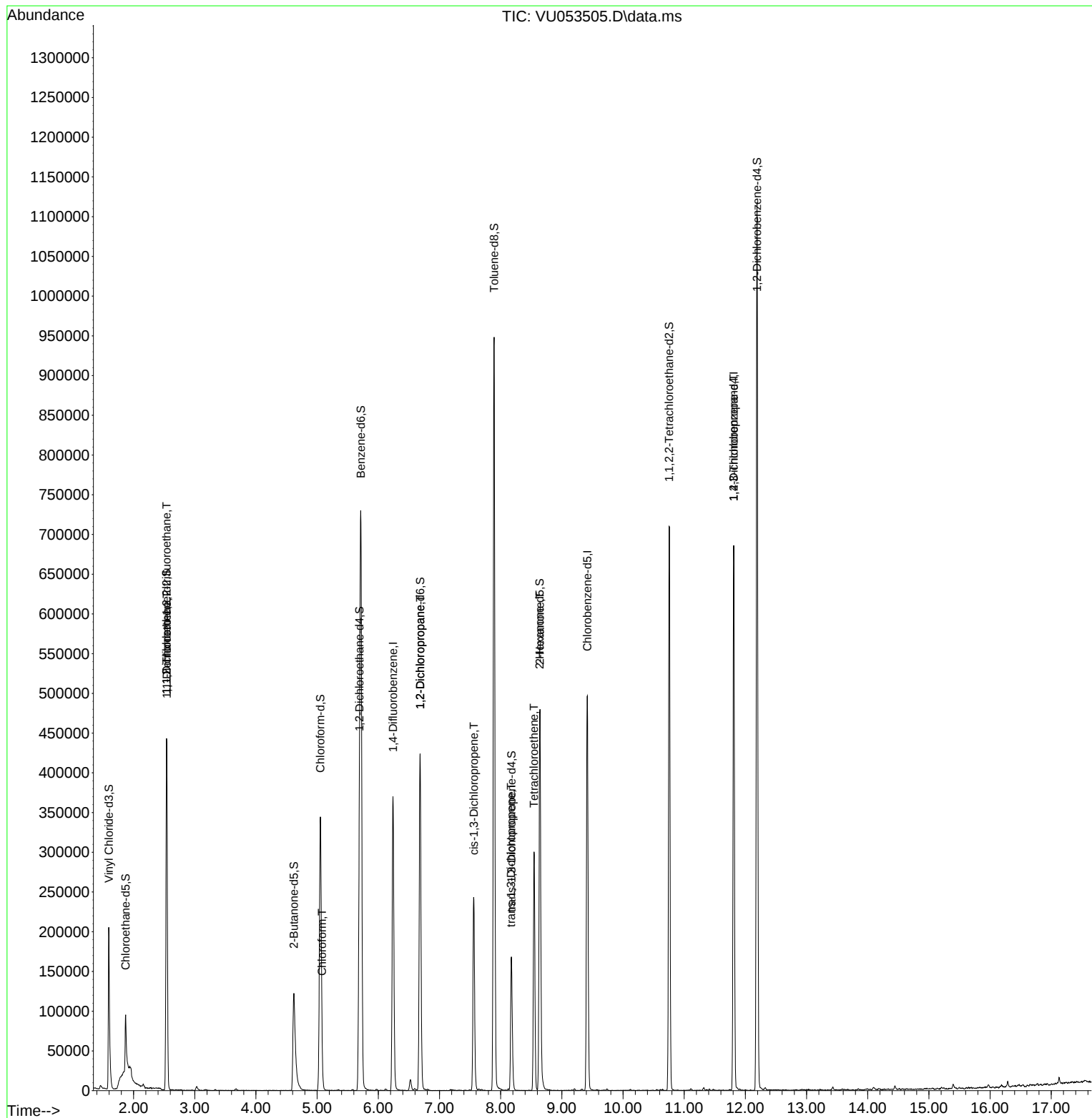
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	336742	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	190237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	178696	68.150	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 136.300%#		
7) Chloroethane-d5	1.871	69	52294	25.866	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	= 51.740%#		
11) 1,1-Dichloroethene-d2	2.539	63	242063	59.638	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	= 119.280%		
21) 2-Butanone-d5	4.620	46	211203	177.906	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 177.910%#		
24) Chloroform-d	5.054	84	322048	74.265	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 148.540%#		
26) 1,2-Dichloroethane-d4	5.690	65	211791	82.653	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 165.300%#		
32) Benzene-d6	5.716	84	687590	77.674	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 155.340%#		
36) 1,2-Dichloropropane-d6	6.684	67	208276	76.975	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 153.960%#		
41) Toluene-d8	7.893	98	679016	77.175	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 154.340%#		
43) trans-1,3-Dichloroprop...	8.176	79	106532	76.275	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 152.560%#		
47) 2-Hexanone-d5	8.639	63	189414	205.119	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	= 205.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	336019	88.111	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 176.220%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	320445	80.698	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 161.400%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	2632	1.135	ug/L #	17
12) 1,1-Dichloroethene	2.543	96	2054	0.994	ug/L #	1
25) Chloroform	5.079	83	11333	2.872	ug/L	94
37) 1,2-Dichloropropane	6.684	63	22394	10.322	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	7010	1.977	ug/L #	74
44) trans-1,3-Dichloropropene	8.169	75	4684	1.398	ug/L	88
46) Tetrachloroethene	8.546	164	70426	32.840	ug/L	97
48) 2-Hexanone	8.642	43	20474	10.735	ug/L #	67
60) 1,2,3-Trichloropropane	11.809	75	19139	6.938	ug/L #	65

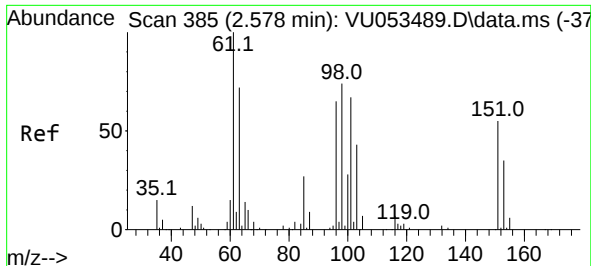
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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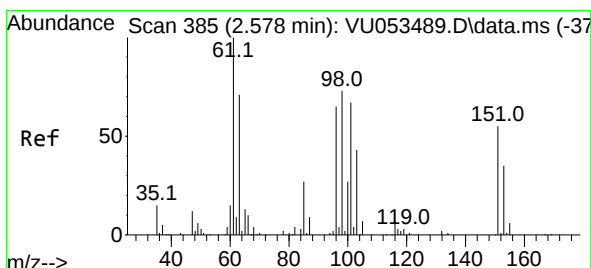
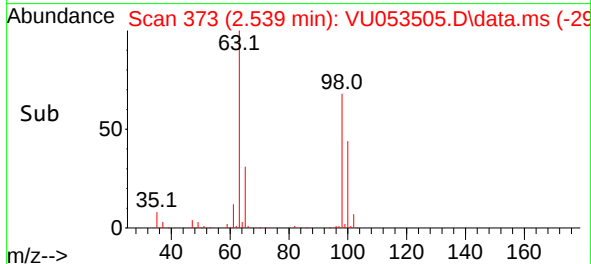
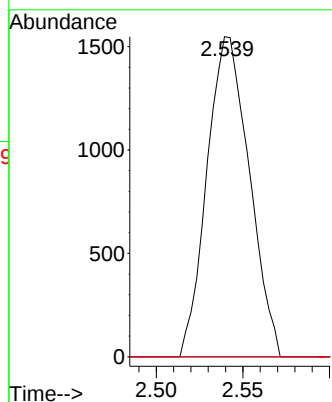
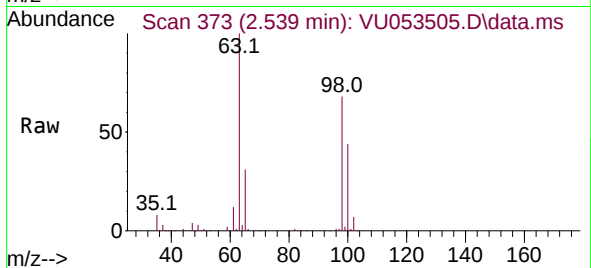




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.135 ug/L
 RT: 2.539 min Scan# 31
 Delta R.T. -0.039 min
 Lab File: VU053505.D
 Acq: 31 Mar 2023 20:32

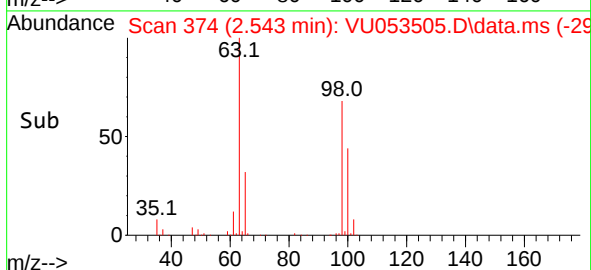
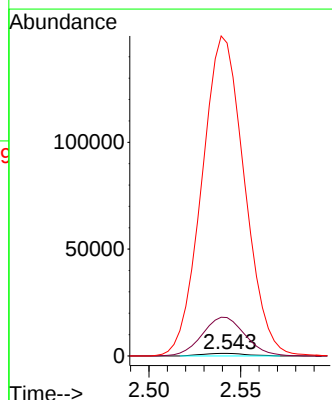
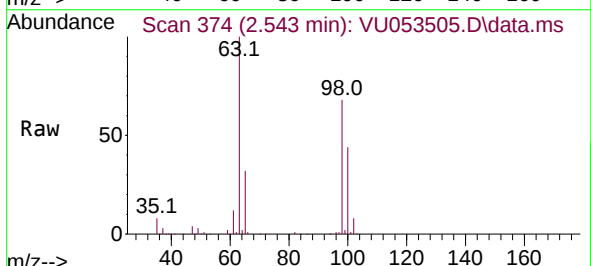
Instrument :
 MSVOA_W
 ClientSampleId :

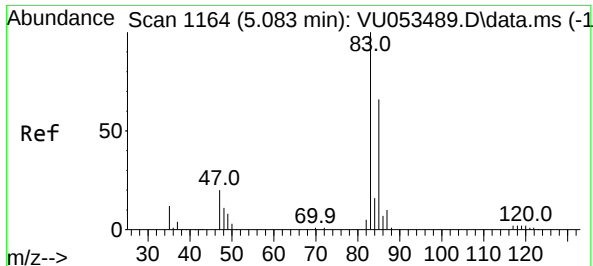
Tgt Ion:101 Resp: 2632
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.994 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.035 min
 Lab File: VU053505.D
 Acq: 31 Mar 2023 20:32

Tgt Ion: 96 Resp: 2054
 Ion Ratio Lower Upper
 96 100
 61 1497.3 107.9 200.5#
 63 12202.7 79.1 146.9#





#25

Chloroform

Concen: 2.872 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053505.D

Acq: 31 Mar 2023 20:32

Instrument :

MSVOA_W

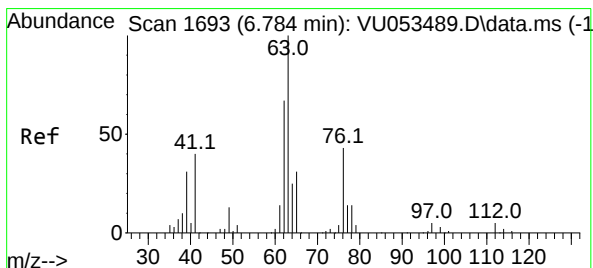
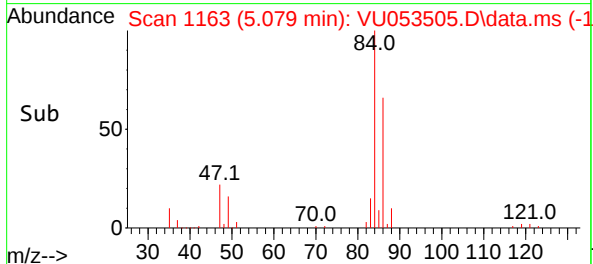
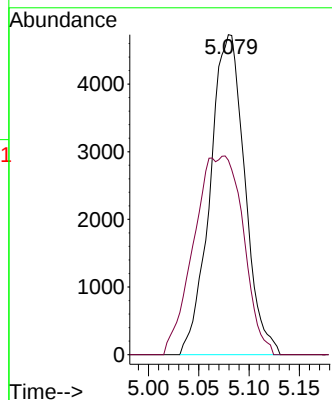
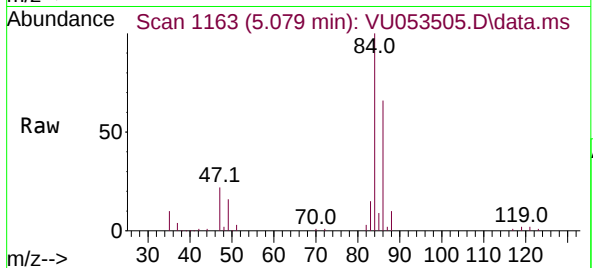
ClientSampleId :

Tgt Ion: 83 Resp: 11333

Ion Ratio Lower Upper

83 100

85 60.7 46.1 85.5



#37

1,2-Dichloropropane

Concen: 10.322 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053505.D

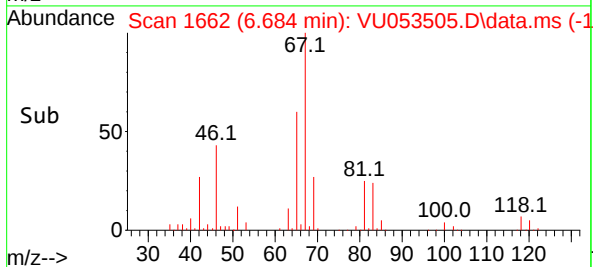
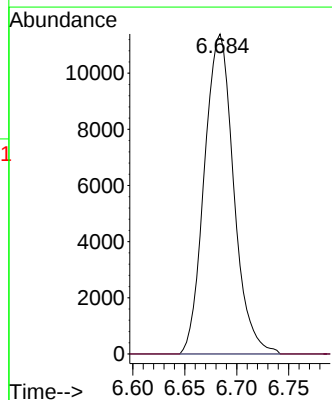
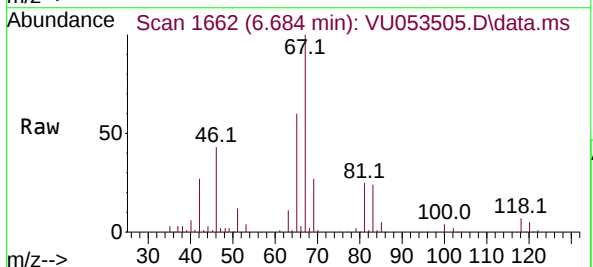
Acq: 31 Mar 2023 20:32

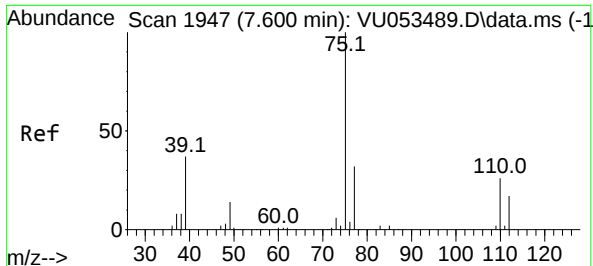
Tgt Ion: 63 Resp: 22394

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.977 ug/L

RT: 7.562 min Scan# 1947

Delta R.T. -0.039 min

Lab File: VU053505.D

Acq: 31 Mar 2023 20:32

Instrument :

MSVOA_W

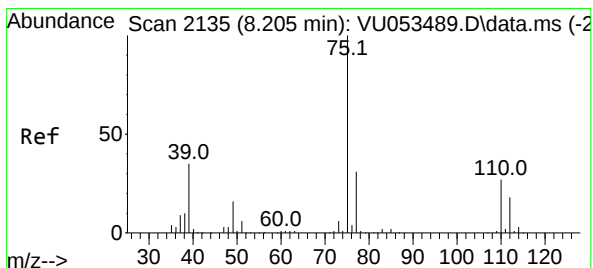
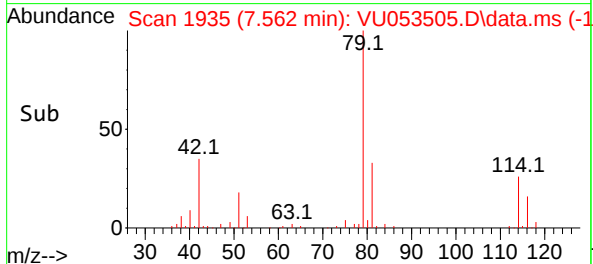
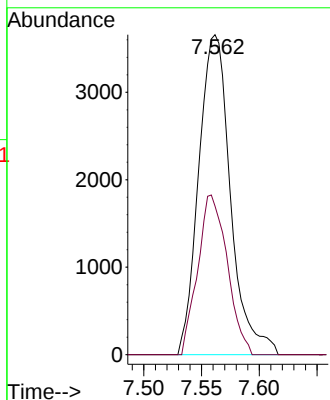
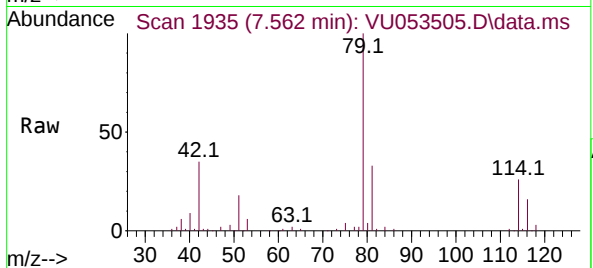
ClientSampleId :

Tgt Ion: 75 Resp: 7010

Ion Ratio Lower Upper

75 100

77 46.4 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 1.398 ug/L

RT: 8.169 min Scan# 2124

Delta R.T. -0.035 min

Lab File: VU053505.D

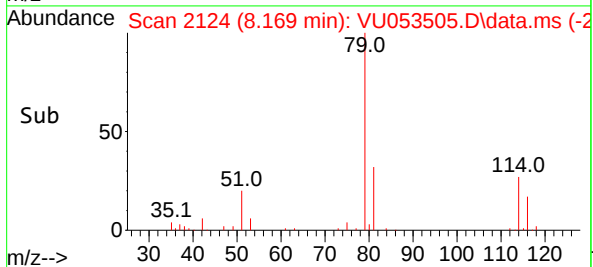
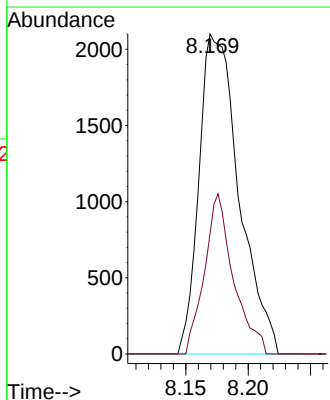
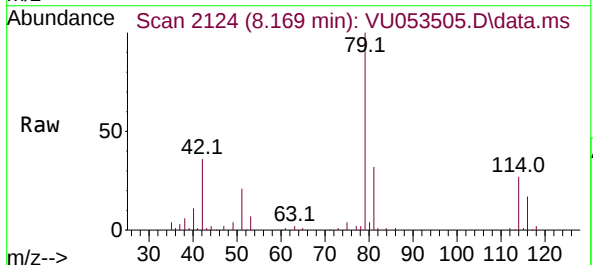
Acq: 31 Mar 2023 20:32

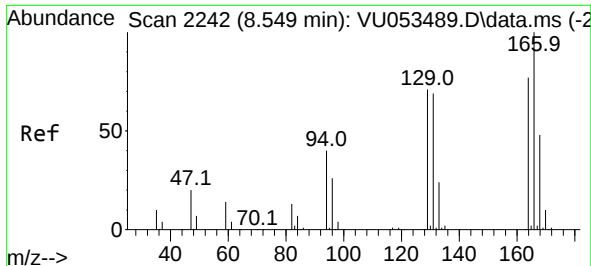
Tgt Ion: 75 Resp: 4684

Ion Ratio Lower Upper

75 100

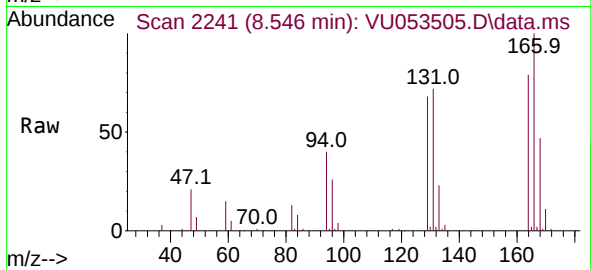
77 37.6 21.8 40.4



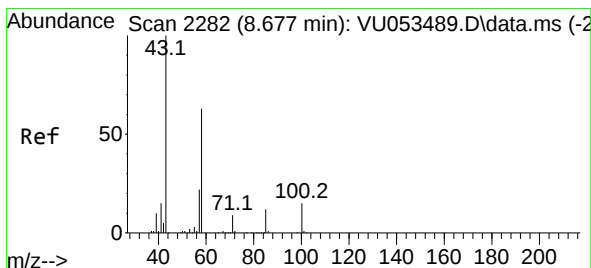
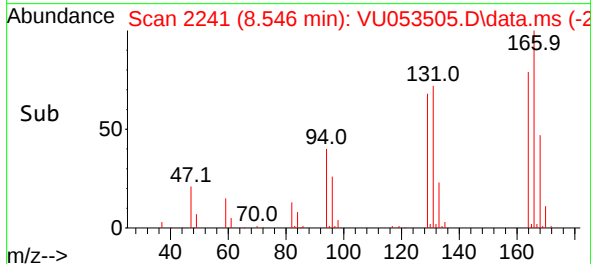
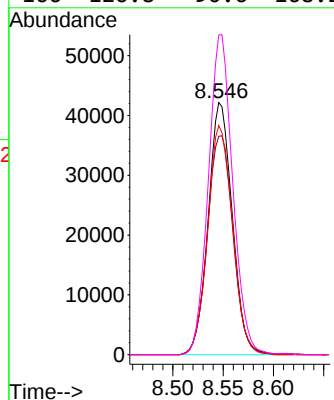


#46
Tetrachloroethene
Concen: 32.840 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053505.D
Acq: 31 Mar 2023 20:32

Instrument :
MSVOA_W
ClientSampleId :

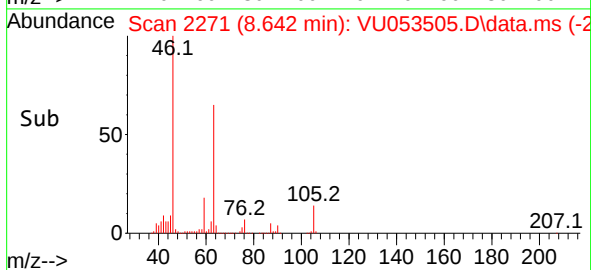
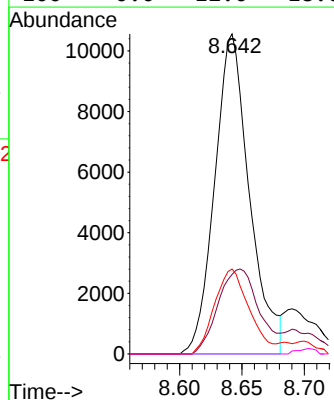
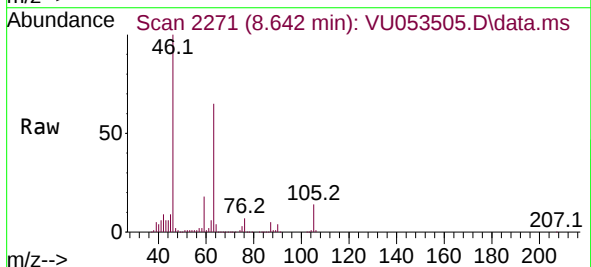


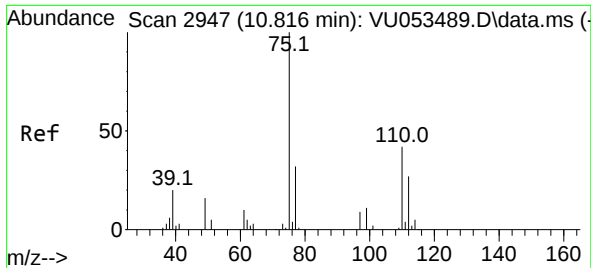
Tgt Ion:164 Resp: 70426
Ion Ratio Lower Upper
164 100
129 86.6 64.0 119.0
131 90.9 61.9 115.1
166 126.8 90.6 168.2



#48
2-Hexanone
Concen: 10.735 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.035 min
Lab File: VU053505.D
Acq: 31 Mar 2023 20:32

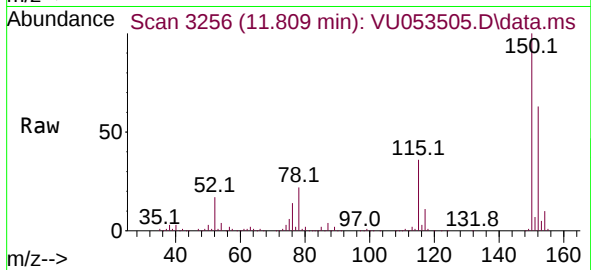
Tgt Ion: 43 Resp: 20474
Ion Ratio Lower Upper
43 100
58 31.4 49.8 74.6#
57 26.6 17.8 26.6#
100 0.0 12.0 18.0#





#60
 1,2,3-Trichloropropane
 Concen: 6.938 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU053505.D
 Acq: 31 Mar 2023 20:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 19139
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.0 39.0
 110 2.3 32.6 48.8#

