

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050509.D
 Acq On : 30 Aug 2022 01:26
 Operator : SY/MD
 Sample : N4344-05ME
 Misc : 5.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

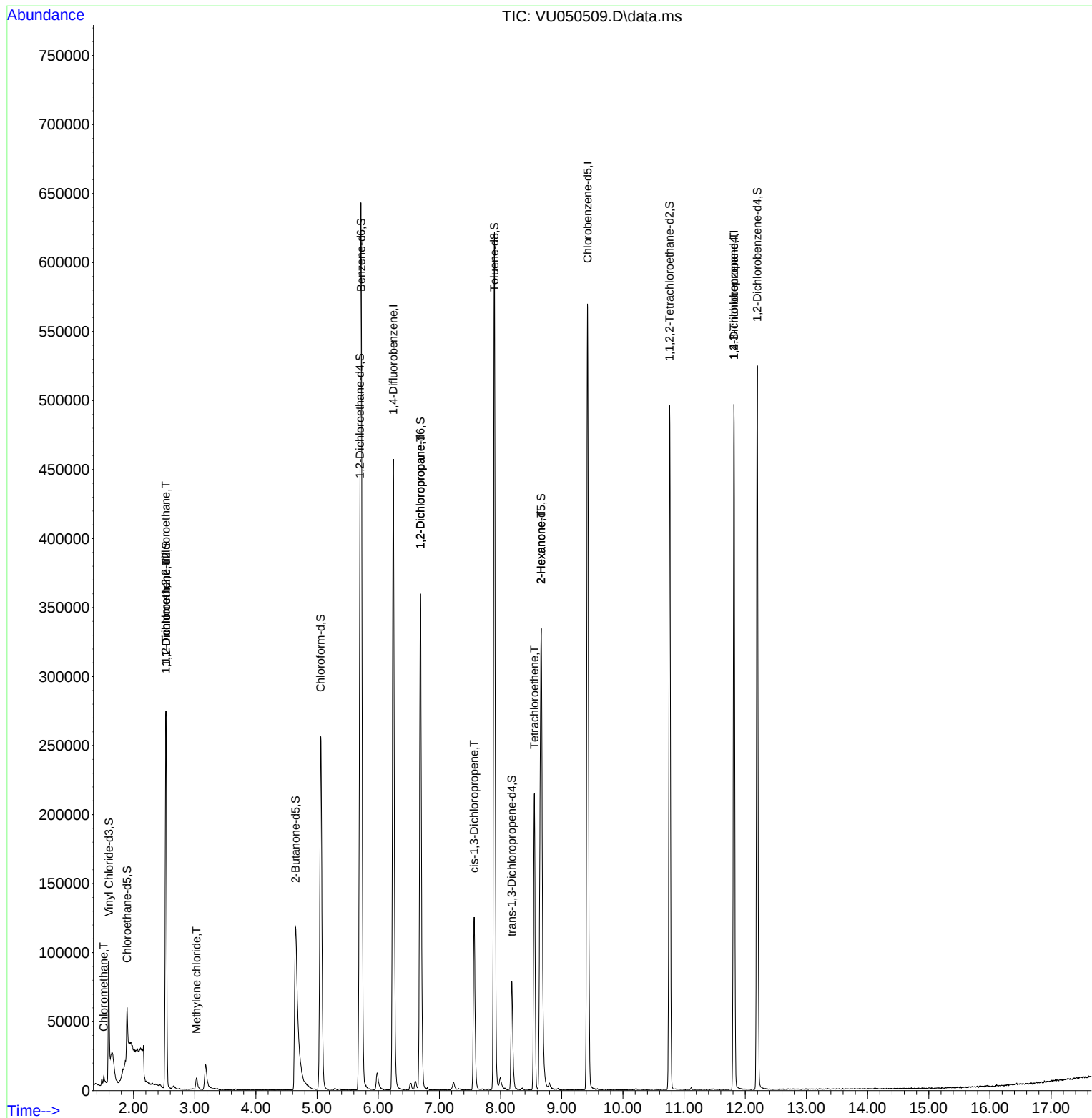
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	398033	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	370514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	134245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	75307	16.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	32.000%		
7) Chloroethane-d5	1.893	69	32852	9.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	18.860%		
11) 1,1-Dichloroethene-d2	2.530	63	163589	24.595	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.200%		
21) 2-Butanone-d5	4.649	46	268317	87.100	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.100%		
24) Chloroform-d	5.060	84	260817	34.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.040%		
26) 1,2-Dichloroethane-d4	5.700	65	183997	39.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.380%		
32) Benzene-d6	5.719	84	563149	41.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.260%		
36) 1,2-Dichloropropane-d6	6.690	67	189270	41.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.460%		
41) Toluene-d8	7.899	98	440906	36.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.620%		
43) trans-1,3-Dichloroprop...	8.182	79	53371	28.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.420%		
47) 2-Hexanone-d5	8.664	63	159044	94.496	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.500%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	254938	36.444	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.880%		
66) 1,2-Dichlorobenzene-d4	12.198	152	138861	43.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.600%		
Target Compounds						Qvalue
3) Chloromethane	1.514	50	5164	1.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	1667	0.604	ug/L #	21
12) 1,1-Dichloroethene	2.530	96	1378	0.564	ug/L #	1
16) Methylene chloride	3.028	84	4768	1.401	ug/L	92
37) 1,2-Dichloropropane	6.690	63	19427	5.962	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3042	0.711	ug/L #	42
46) Tetrachloroethene	8.552	164	49220	25.238	ug/L	96
48) 2-Hexanone	8.664	43	22208	6.141	ug/L #	86
60) 1,2,3-Trichloropropane	11.815	75	16253	4.698	ug/L #	68

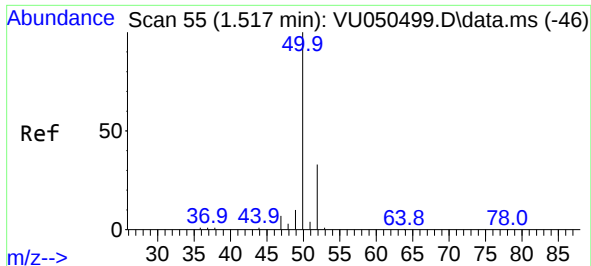
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 30 05:33:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 30 05:29:53 2022
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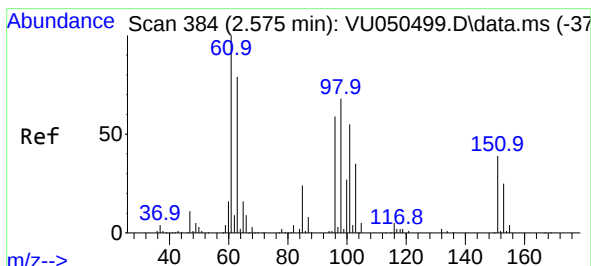
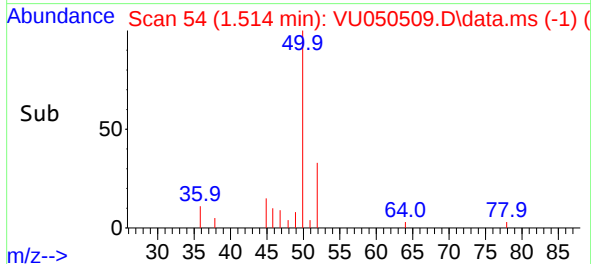
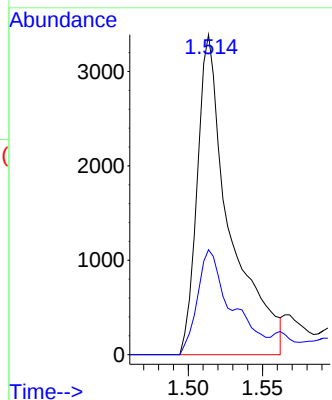
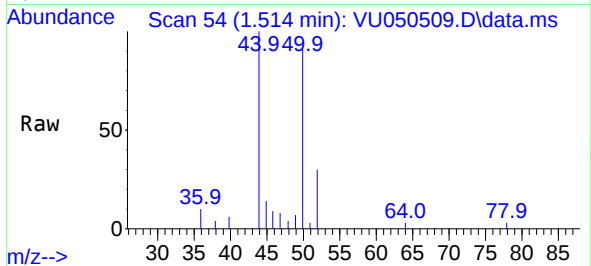




#3
Chloromethane
Concen: 1.426 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

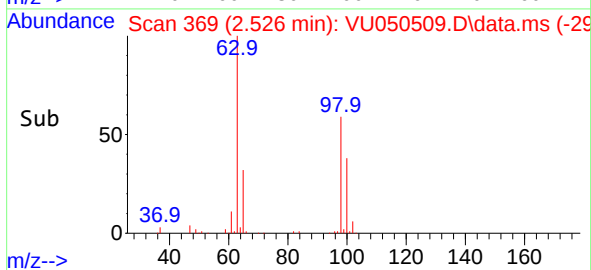
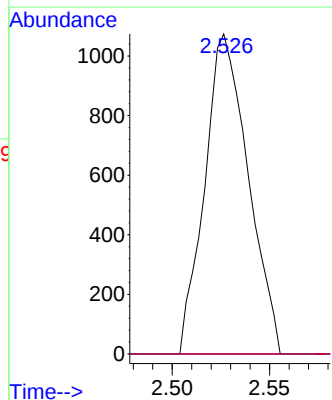
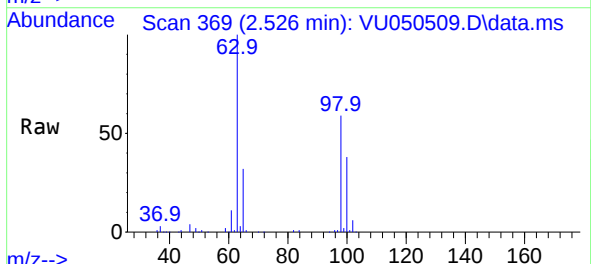
Instrument :
MSVOA_U
ClientSampleId :

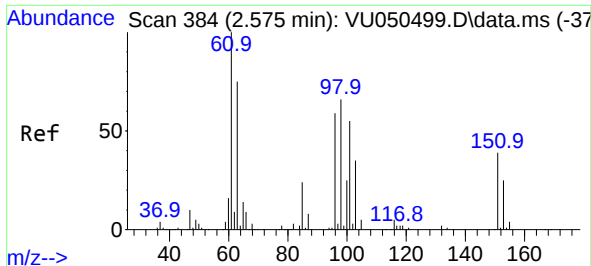
Tgt Ion: 50 Resp: 5164
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.604 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.048 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

Tgt Ion: 101 Resp: 1667
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: 0.564 ug/L

RT: 2.530 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU050509.D

Acq: 30 Aug 2022 01:26

Instrument :

MSVOA_U

ClientSampleId :

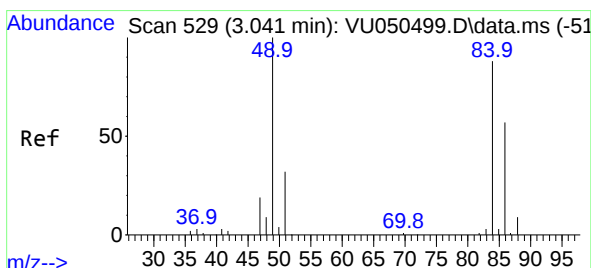
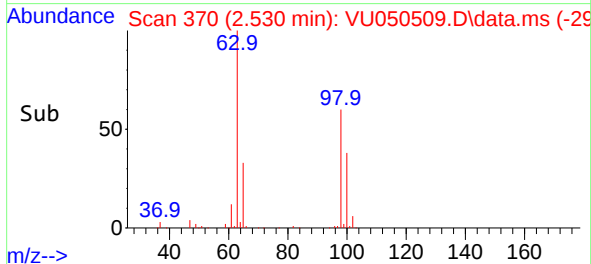
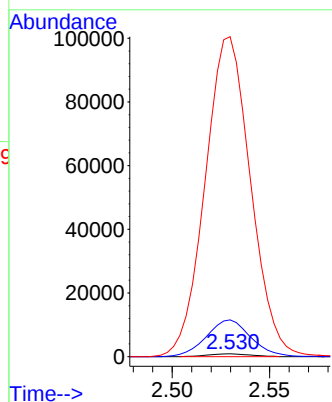
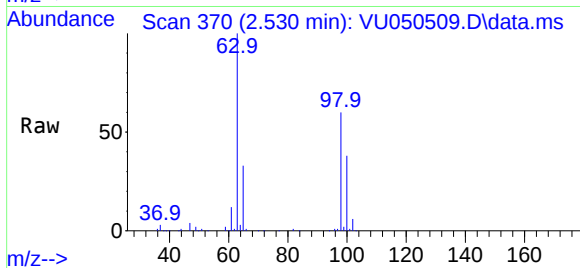
Tgt Ion: 96 Resp: 1378

Ion Ratio Lower Upper

96 100

61 1295.7 116.8 216.8#

63 11267.3 97.4 180.8#



#16

Methylene chloride

Concen: 1.401 ug/L

RT: 3.028 min Scan# 525

Delta R.T. -0.013 min

Lab File: VU050509.D

Acq: 30 Aug 2022 01:26

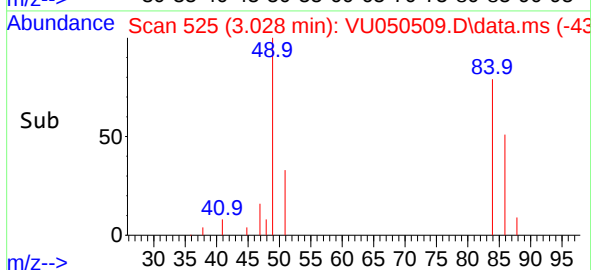
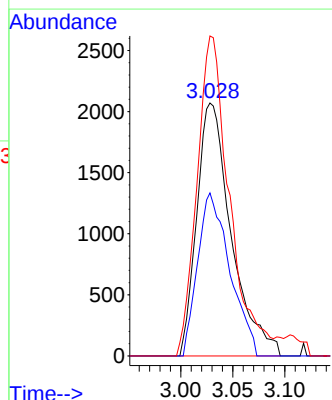
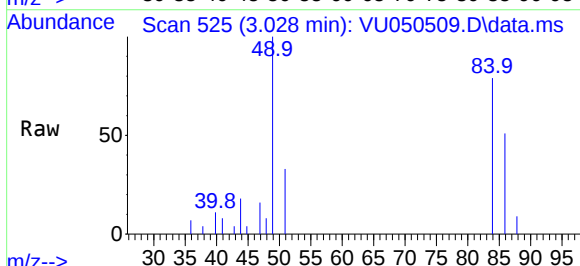
Tgt Ion: 84 Resp: 4768

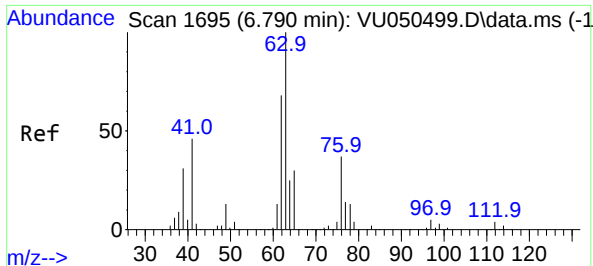
Ion Ratio Lower Upper

84 100

86 64.4 43.9 81.5

49 126.5 80.4 149.4

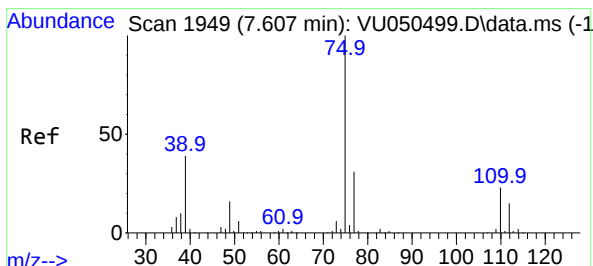
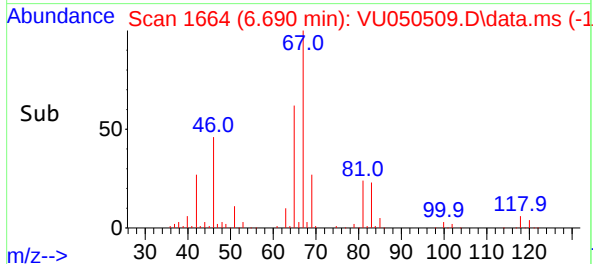
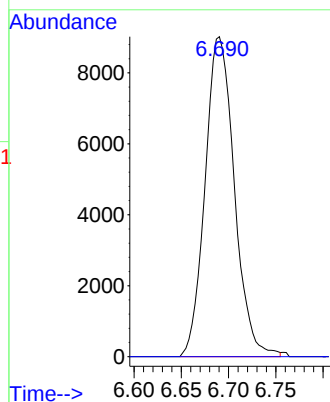
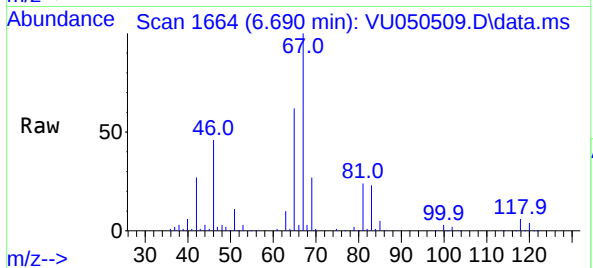




#37
1,2-Dichloropropane
Concen: 5.962 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

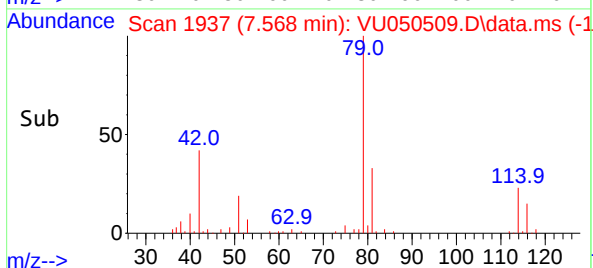
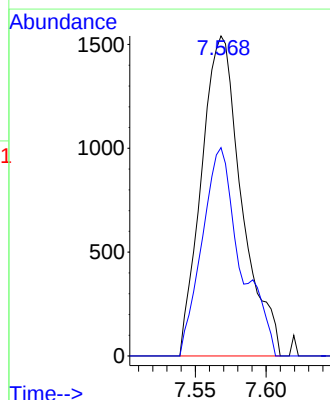
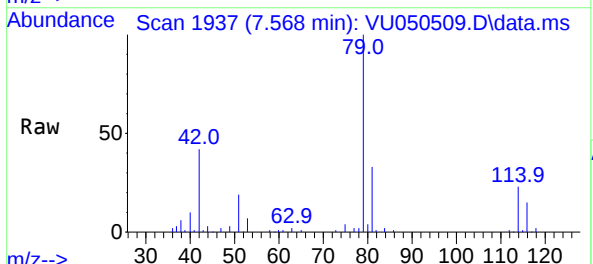
Instrument :
MSVOA_U
ClientSampleId :

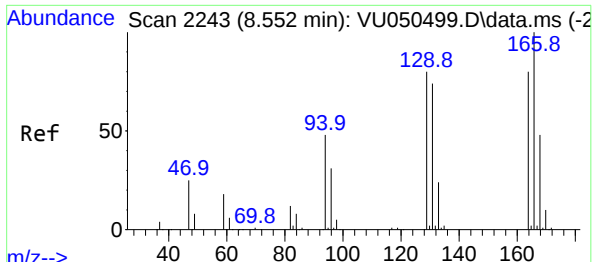
Tgt Ion: 63 Resp: 19427
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

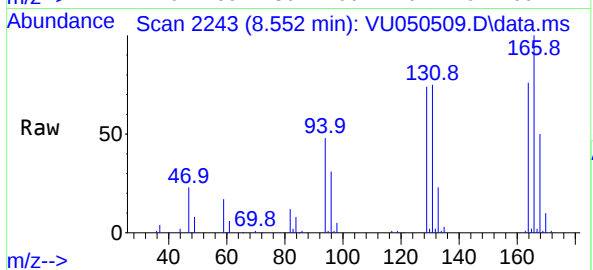
Tgt Ion: 75 Resp: 3042
Ion Ratio Lower Upper
75 100
77 65.1 22.8 42.4#





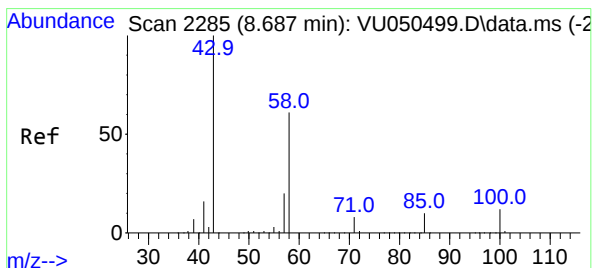
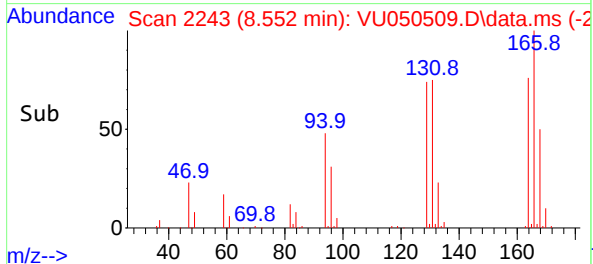
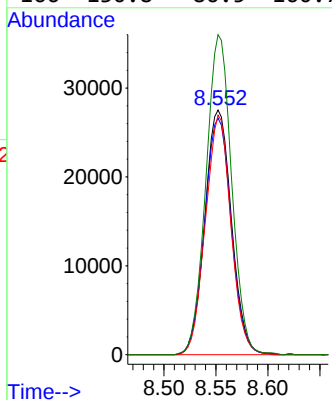
#46
Tetrachloroethene
Concen: 25.238 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 49220

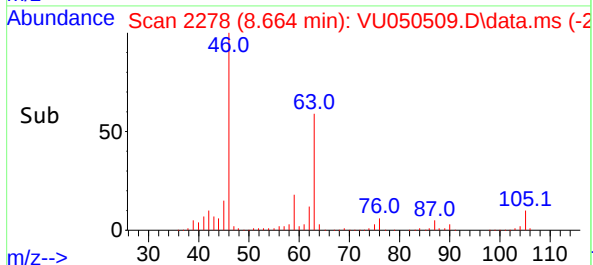
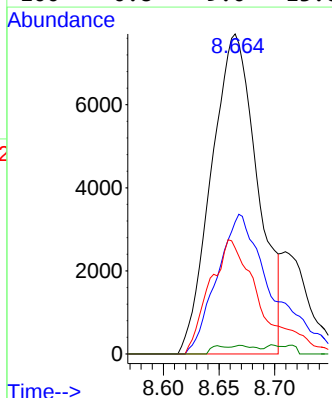
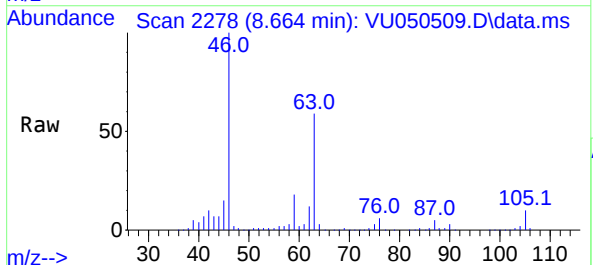
Ion	Ratio	Lower	Upper
164	100		
129	96.7	68.0	126.4
131	97.9	65.4	121.4
166	130.8	86.5	160.7

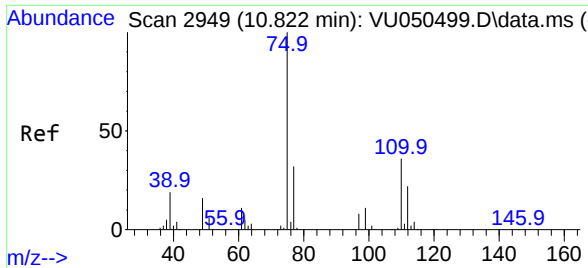


#48
2-Hexanone
Concen: 6.141 ug/L
RT: 8.664 min Scan# 2278
Delta R.T. -0.022 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

Tgt Ion: 43 Resp: 22208

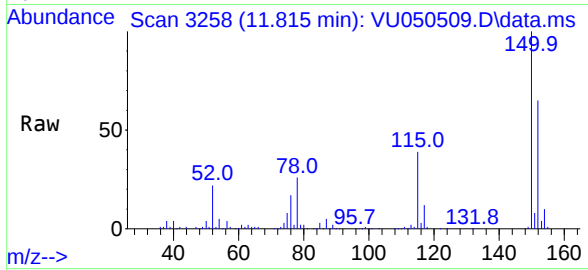
Ion	Ratio	Lower	Upper
43	100		
58	53.2	47.9	71.9
57	30.0	15.4	23.0#
100	0.8	9.0	13.6#





#60
1,2,3-Trichloropropane
Concen: 4.698 ug/L
RT: 11.815 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU050509.D
Acq: 30 Aug 2022 01:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 16253

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
110	0.9	29.0	43.4#

