

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050496.D
 Acq On : 29 Aug 2022 19:55
 Operator : SY/MD
 Sample : N4322-05ME
 Misc : 3.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

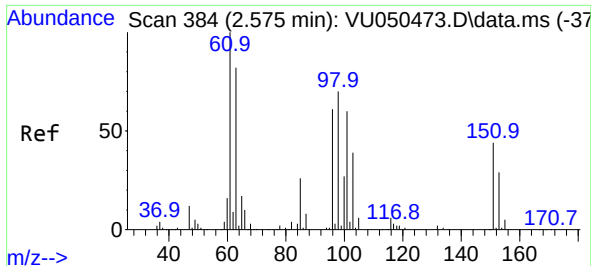
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:18:29 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	6.247	114	368120	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	360020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	75307	17.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	34.600%#		
7) Chloroethane-d5	1.880	69	24351	7.561	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	15.120%#		
11) 1,1-Dichloroethene-d2	2.520	63	170929	27.787	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.580%#		
21) 2-Butanone-d5	4.645	46	251908	88.418	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.420%		
24) Chloroform-d	5.060	84	250568	35.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.720%		
26) 1,2-Dichloroethane-d4	5.700	65	170166	39.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.380%		
32) Benzene-d6	5.719	84	530842	39.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.820%		
36) 1,2-Dichloropropane-d6	6.687	67	177171	40.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.400%		
41) Toluene-d8	7.896	98	430648	36.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.000%#		
43) trans-1,3-Dichloroprop...	8.182	79	55711	30.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.620%		
47) 2-Hexanone-d5	8.661	63	159786	97.704	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.700%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	272782	40.132	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.260%		
66) 1,2-Dichlorobenzene-d4	12.198	152	149250	43.620	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.240%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.520	101	1569	0.614	ug/L #	21
12) 1,1-Dichloroethene	2.520	96	1319	0.584	ug/L #	1
16) Methylene chloride	3.028	84	4500	1.430	ug/L	92
37) 1,2-Dichloropropane	6.687	63	18247	5.763	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	3410	0.820	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	2446	0.631	ug/L	88
46) Tetrachloroethene	8.552	164	33811	17.842	ug/L	98
48) 2-Hexanone	8.661	43	23350	6.645	ug/L #	84
49) Dibromochloromethane	8.552	129	33326	10.326	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	17618	4.773	ug/L #	70

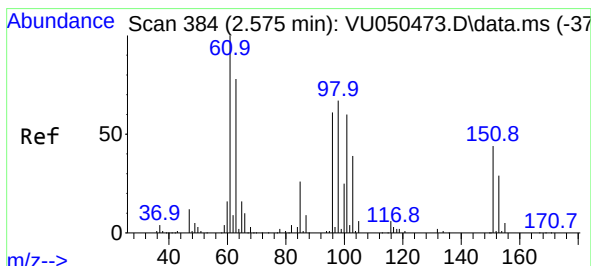
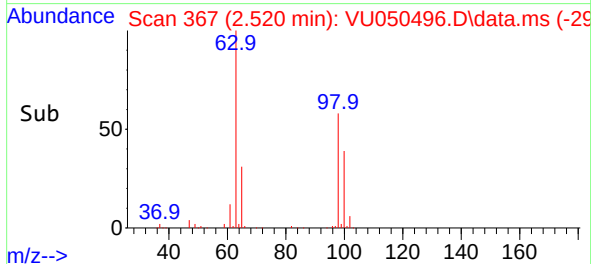
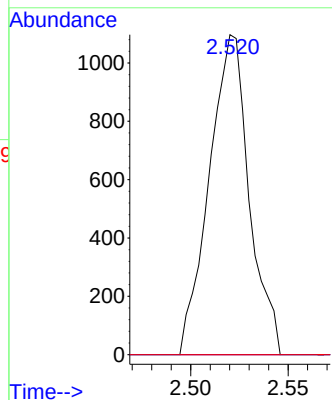
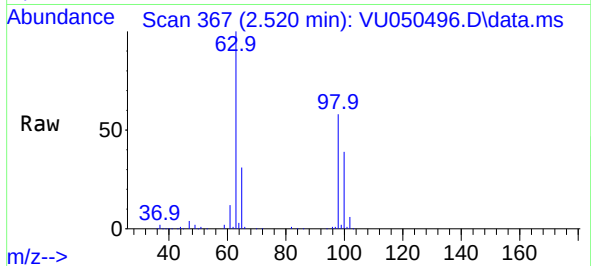
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.614 ug/L
RT: 2.520 min Scan# 367
Delta R.T. -0.054 min
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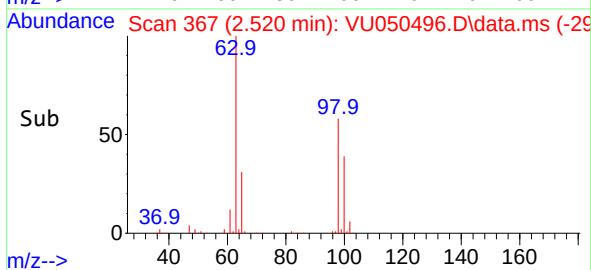
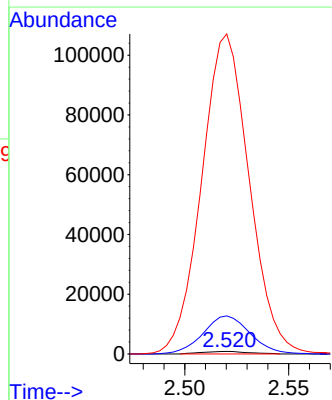
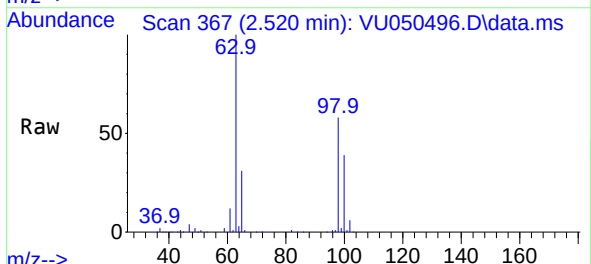
Instrument :
MSVOA_U
ClientSampleId :

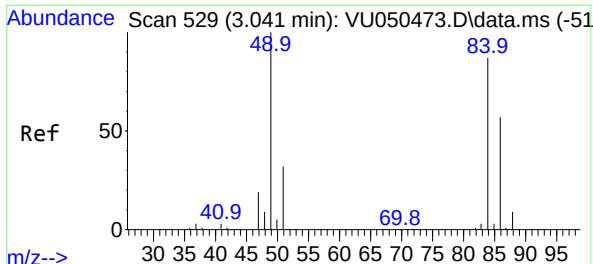
Tgt Ion:101 Resp: 1569
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.584 ug/L
RT: 2.520 min Scan# 367
Delta R.T. -0.054 min
Lab File: VU050496.D
Acq: 29 Aug 2022 19:55

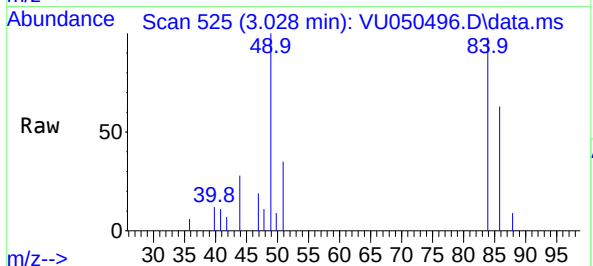
Tgt Ion: 96 Resp: 1319
Ion Ratio Lower Upper
96 100
61 1494.4 116.8 216.8#
63 12572.8 97.4 180.8#



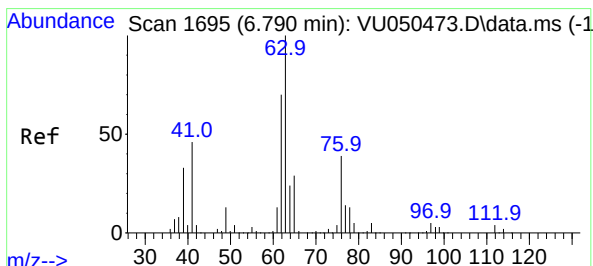
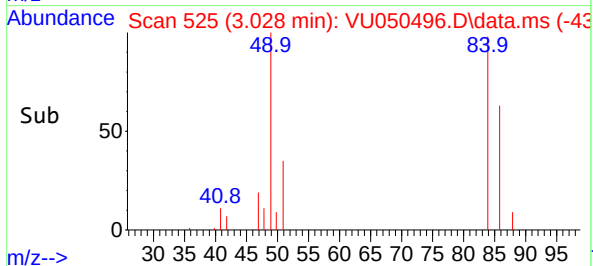
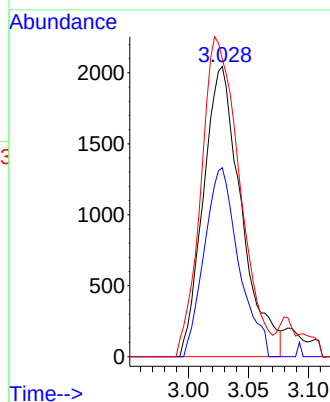


#16
Methylene chloride
Concen: 1.430 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU050496.D
Acq: 29 Aug 2022 19:55

Instrument :
MSVOA_U
ClientSampleId :

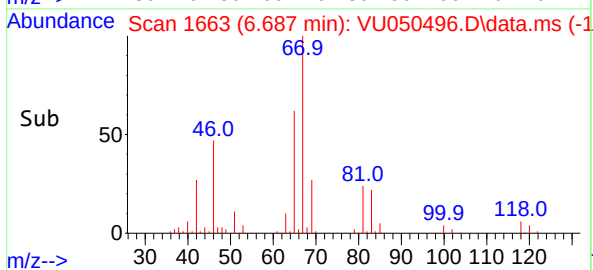
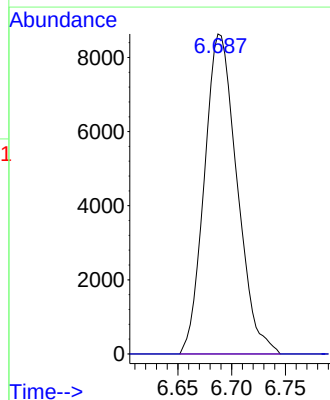
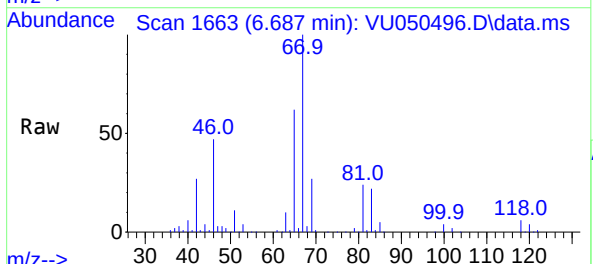


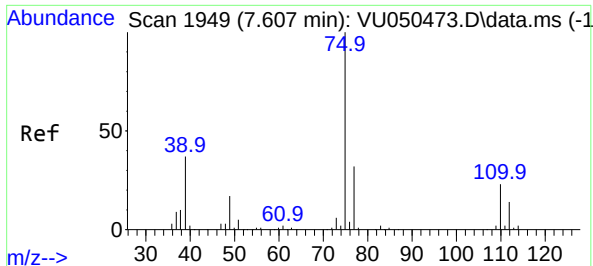
Tgt Ion: 84 Resp: 4500
Ion Ratio Lower Upper
84 100
86 65.1 43.9 81.5
49 102.5 80.4 149.4



#37
1,2-Dichloropropane
Concen: 5.763 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU050496.D
Acq: 29 Aug 2022 19:55

Tgt Ion: 63 Resp: 18247
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU050496.D

Acq: 29 Aug 2022 19:55

Instrument :

MSVOA_U

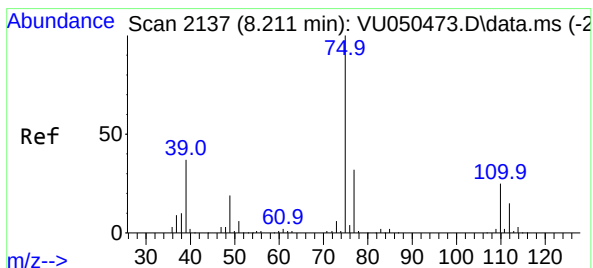
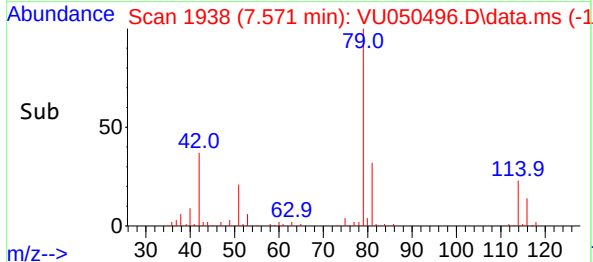
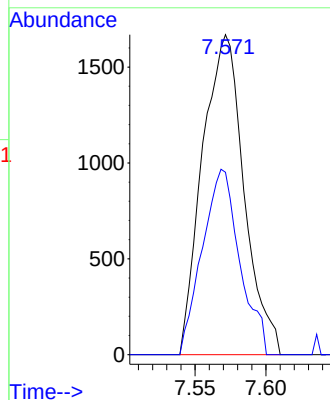
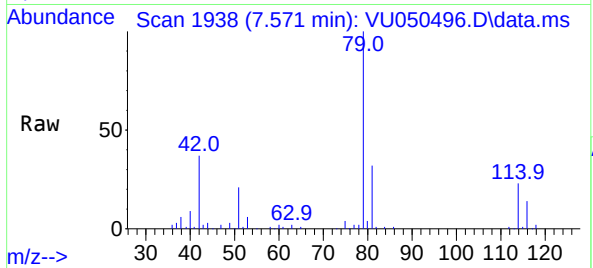
ClientSampleId :

Tgt Ion: 75 Resp: 3410

Ion Ratio Lower Upper

75 100

77 53.2 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050496.D

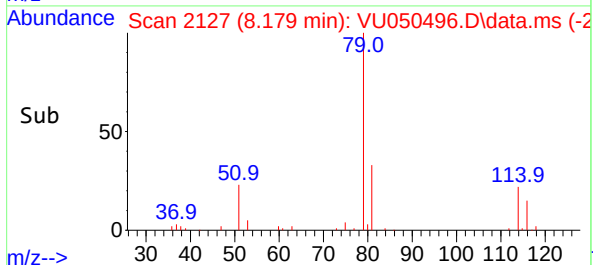
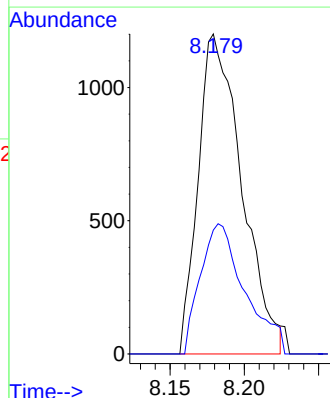
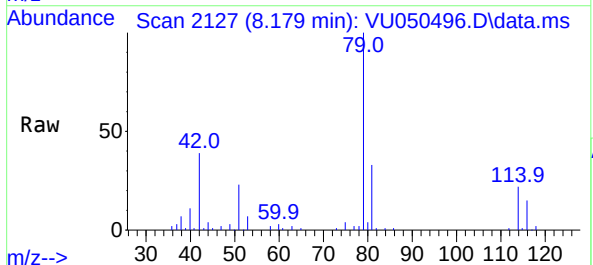
Acq: 29 Aug 2022 19:55

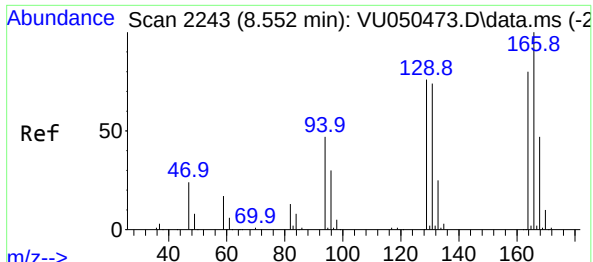
Tgt Ion: 75 Resp: 2446

Ion Ratio Lower Upper

75 100

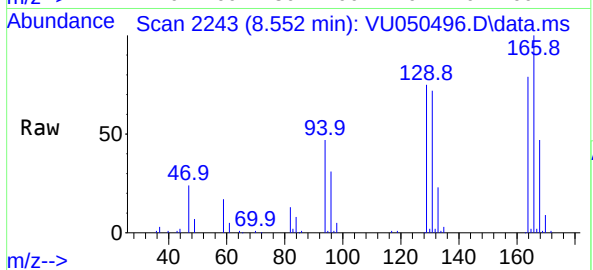
77 38.7 22.5 41.7





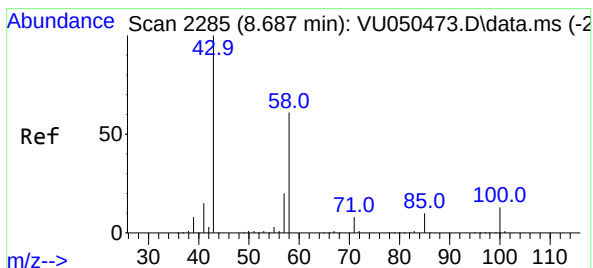
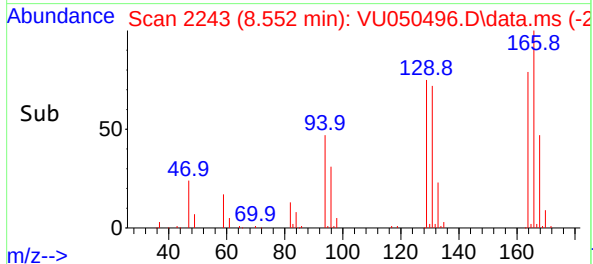
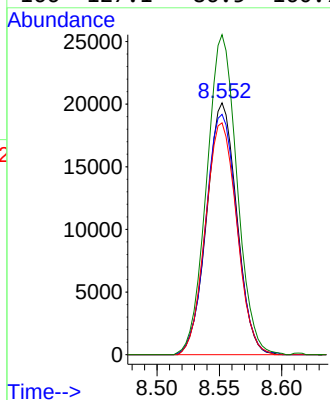
#46
Tetrachloroethene
Concen: 17.842 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050496.D
Acq: 29 Aug 2022 19:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 33811

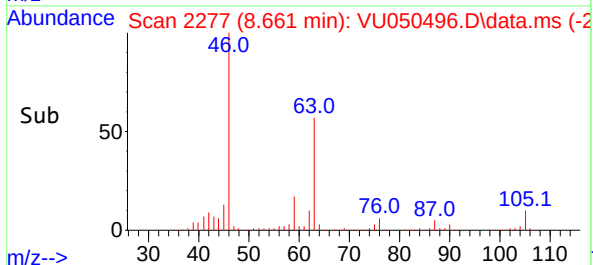
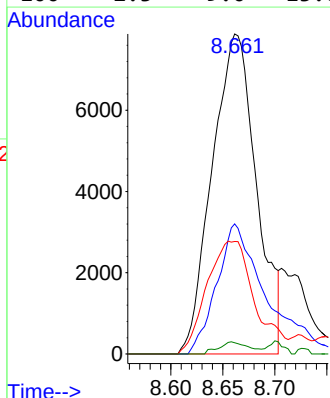
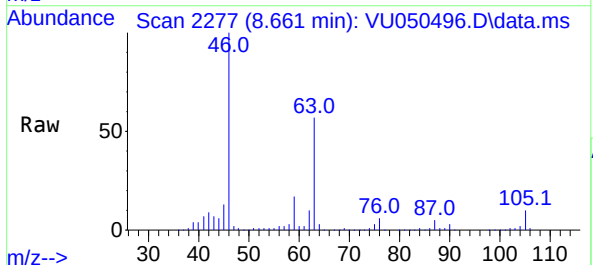
Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.0	126.4
131	92.0	65.4	121.4
166	127.1	86.5	160.7

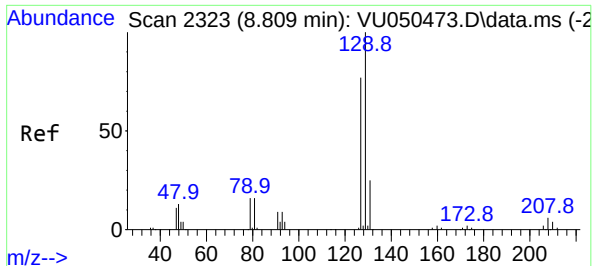


#48
2-Hexanone
Concen: 6.645 ug/L
RT: 8.661 min Scan# 2277
Delta R.T. -0.026 min
Lab File: VU050496.D
Acq: 29 Aug 2022 19:55

Tgt Ion: 43 Resp: 23350

Ion	Ratio	Lower	Upper
43	100		
58	45.3	47.9	71.9#
57	20.2	15.4	23.0
100	2.3	9.0	13.6#





#49

Dibromochloromethane

Concen: 10.326 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050496.D

Acq: 29 Aug 2022 19:55

Instrument :

MSVOA_U

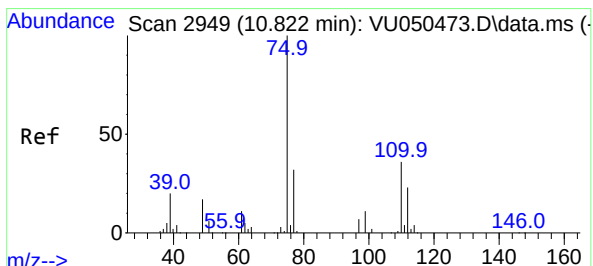
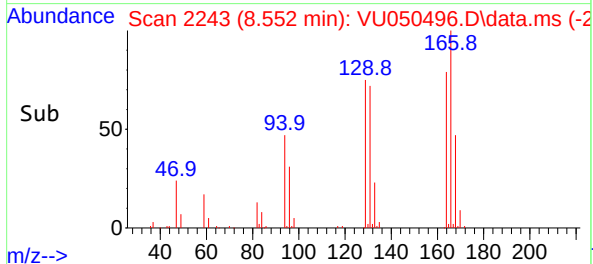
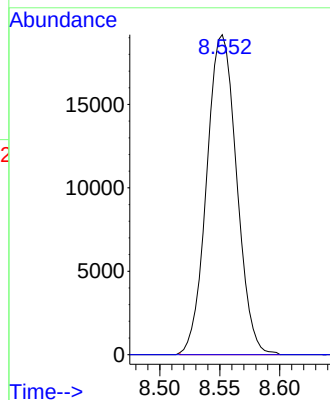
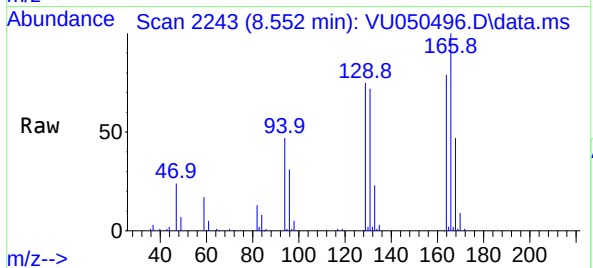
ClientSampleId :

Tgt Ion:129 Resp: 33326

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#60

1,2,3-Trichloropropane

Concen: 4.773 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU050496.D

Acq: 29 Aug 2022 19:55

Tgt Ion: 75 Resp: 17618

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 3.5 29.0 43.4#

