

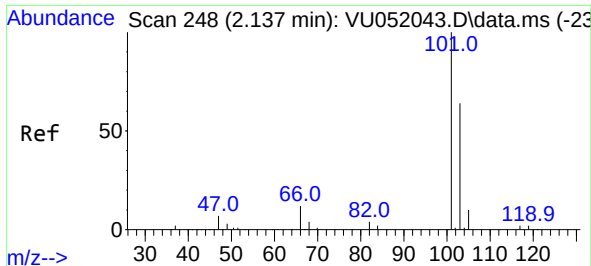
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 Data File : VU052059.D
 Acq On : 22 Nov 2022 23:25
 Operator : JC/MD
 Sample : N5684-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

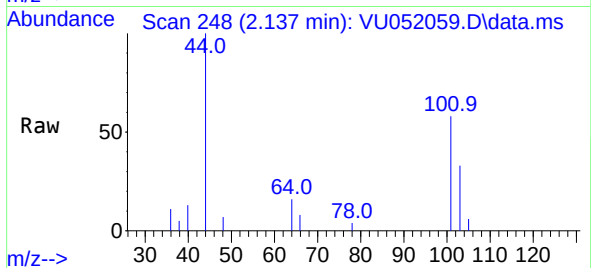
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98490	4.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.912	69	84526	5.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.565	65	36270	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.626	46	212204	57.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.980%
24) Chloroform-d	5.060	84	169865	5.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.600%
26) 1,2-Dichloroethane-d4	5.700	65	86602	5.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	5.726	84	348968	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.687	67	114374	5.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.896	98	277479	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.179	79	36822	4.923	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.632	63	160321	50.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.140%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93156	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	96765	6.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.600%#
Target Compounds						
9) Trichlorofluoromethane	2.137	101	2172	0.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1445	0.094	ug/L #	30
22) cis-1,2-Dichloroethene	4.661	96	5673	0.332	ug/L	98
34) Trichloroethene	6.539	95	211894	11.684	ug/L	98
35) Methylcyclohexane	6.690	83	26743	1.025	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	11850	0.629	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2274	0.094	ug/L #	36
47) Tetrachloroethene	8.552	164	52883	3.805	ug/L	96
49) Dibromochloromethane	8.552	129	50609	3.194	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9598	1.001	ug/L #	68

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

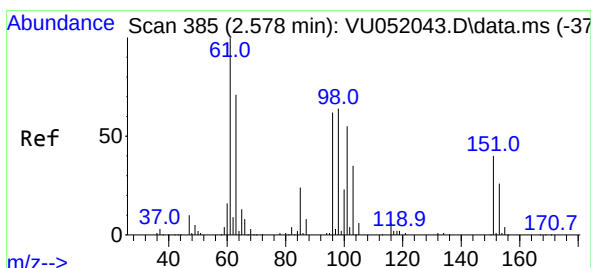
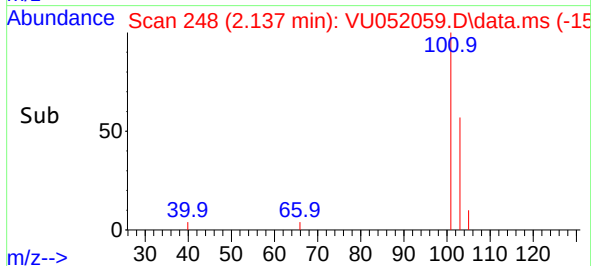
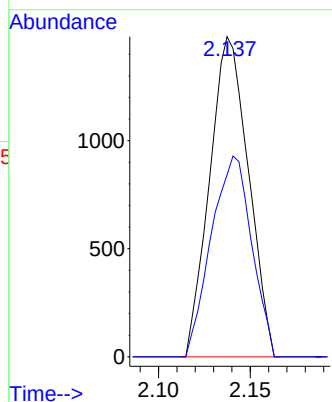


#9
Trichlorofluoromethane
Concen: 0.087 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

Instrument :
MSVOA_U
ClientSampleId :

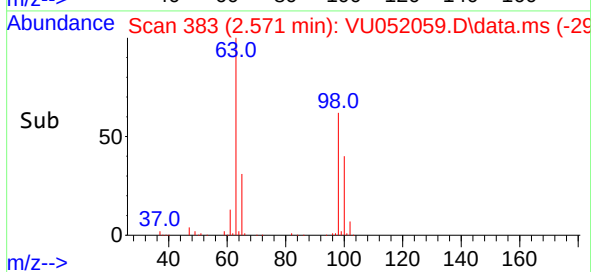
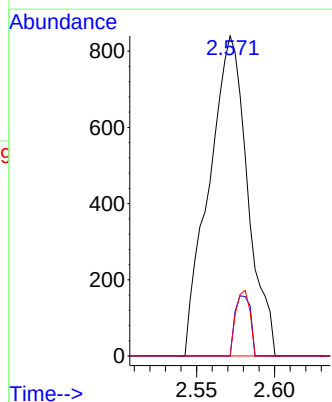
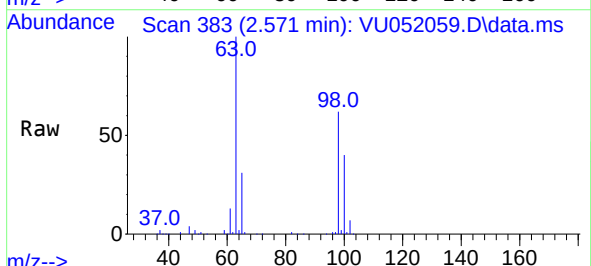


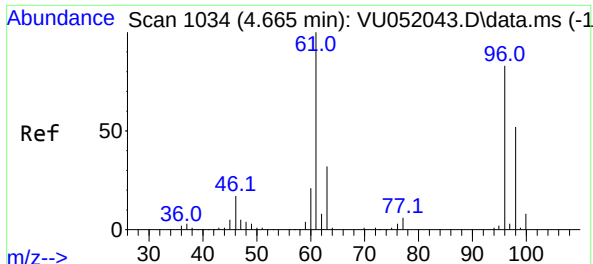
Tgt Ion:101 Resp: 2172
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

Tgt Ion:101 Resp: 1445
Ion Ratio Lower Upper
101 100
85 7.5 33.8 50.6#
151 7.5 58.6 88.0#

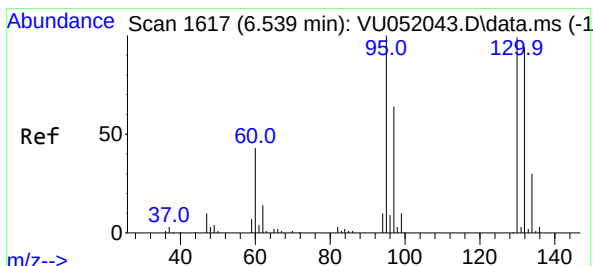
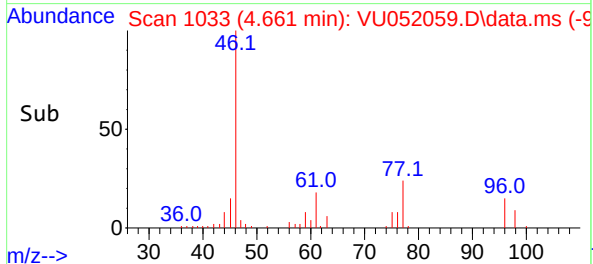
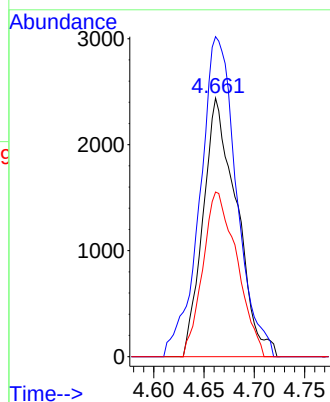
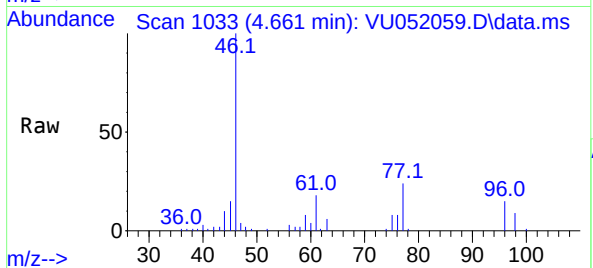




#22
 cis-1,2-Dichloroethene
 Concen: 0.332 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU052059.D
 Acq: 22 Nov 2022 23:25

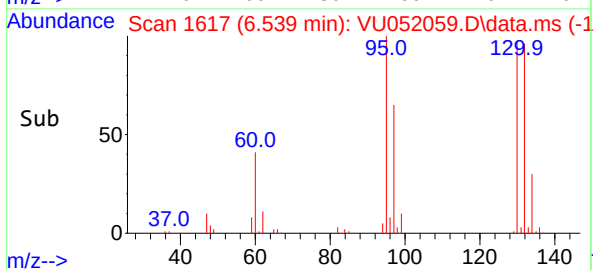
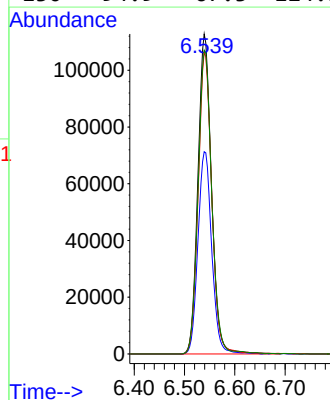
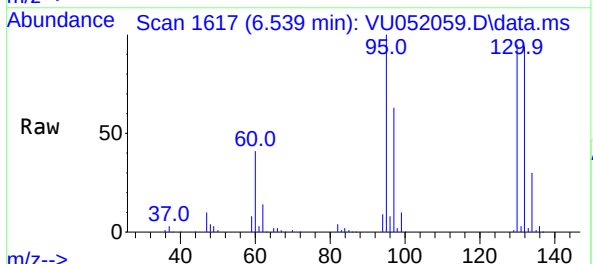
Instrument :
 MSVOA_U
 ClientSampleId :

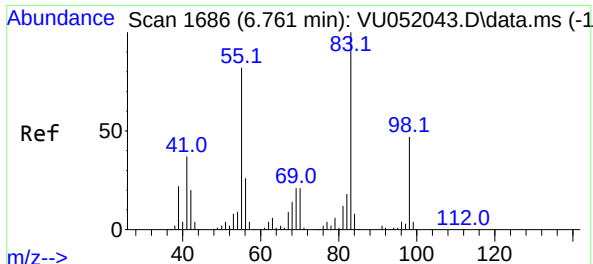
Tgt Ion: 96	Resp: 5673		
Ion Ratio	Lower	Upper	
96	100		
61	123.8	85.1	158.1
98	63.7	42.8	79.6



#34
 Trichloroethene
 Concen: 11.684 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052059.D
 Acq: 22 Nov 2022 23:25

Tgt Ion: 95	Resp: 211894
Ion Ratio	Lower Upper
95 100	
97 63.2	43.7 81.1
132 94.2	64.3 119.3
130 94.9	67.3 124.9

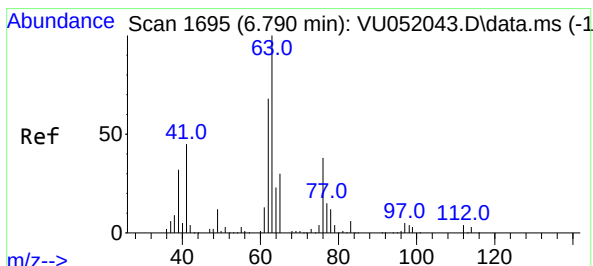
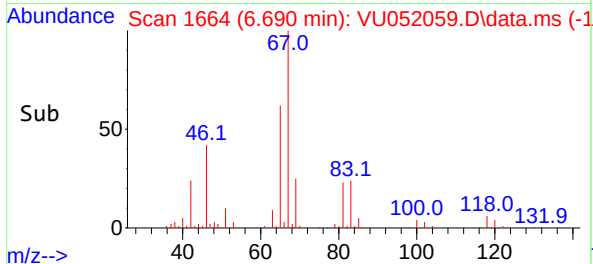
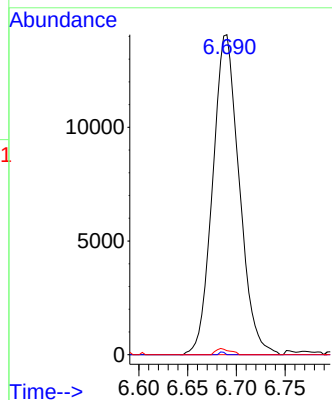
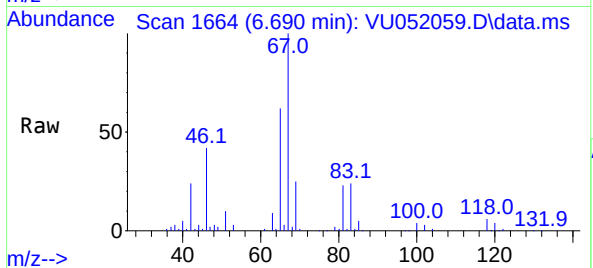




#35
Methylcyclohexane
Concen: 1.025 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

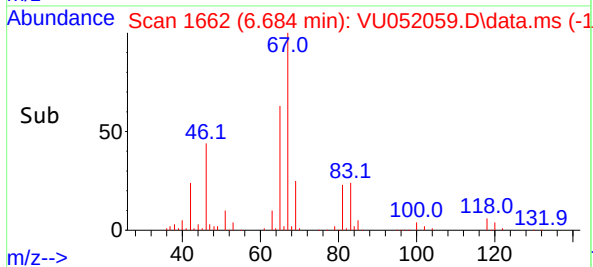
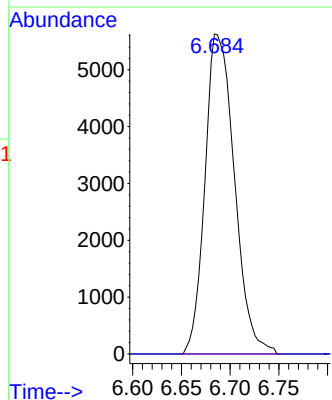
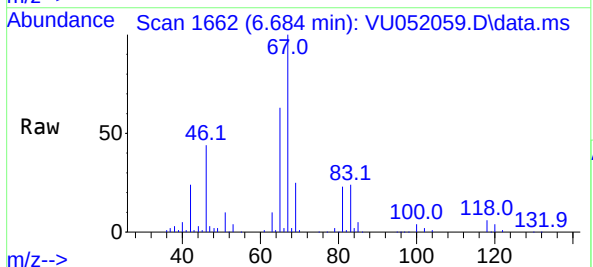
Instrument :
MSVOA_U
ClientSampleId :

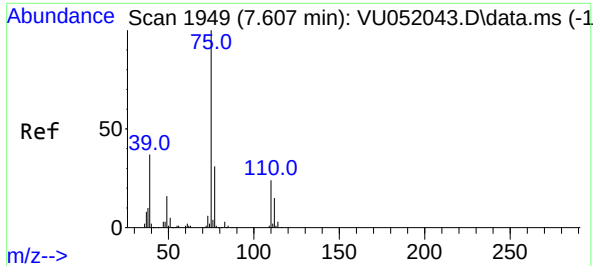
Tgt Ion: 83 Resp: 26743
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

Tgt Ion: 63 Resp: 11850
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

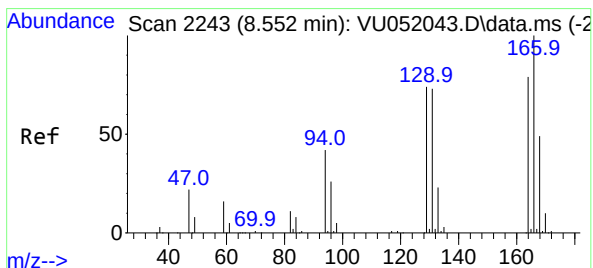
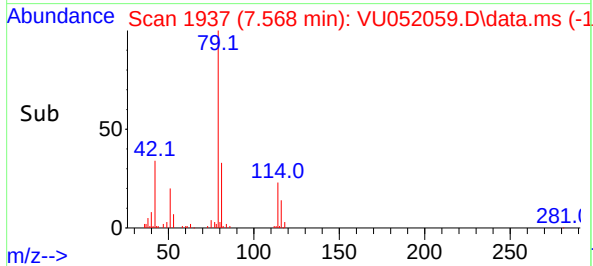
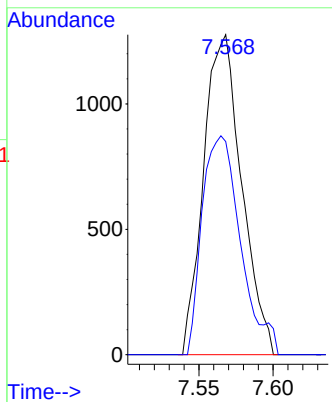
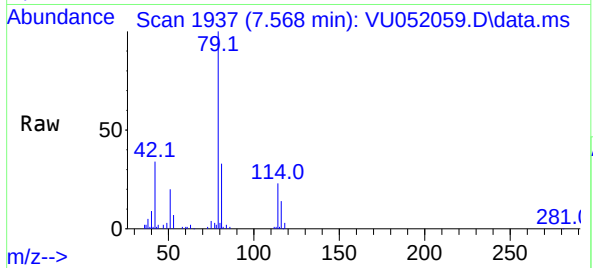




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.035 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

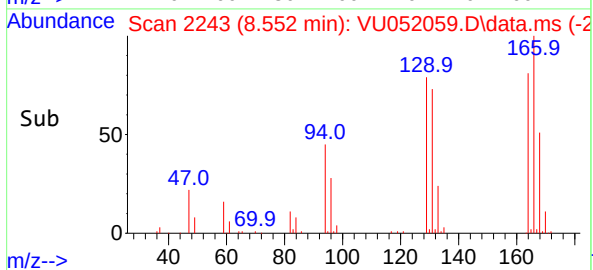
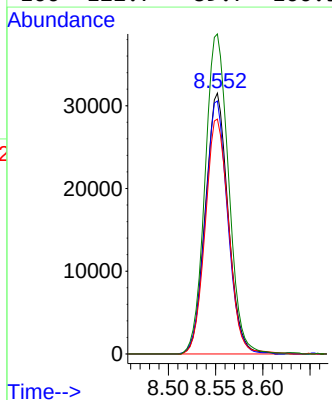
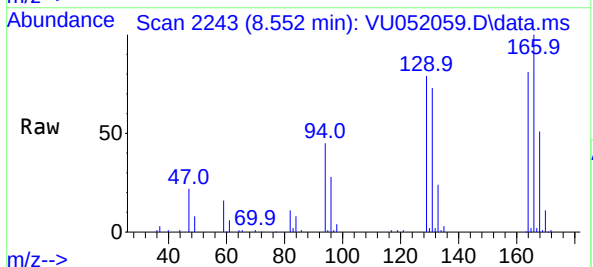
Instrument :
MSVOA_U
ClientSampleId :

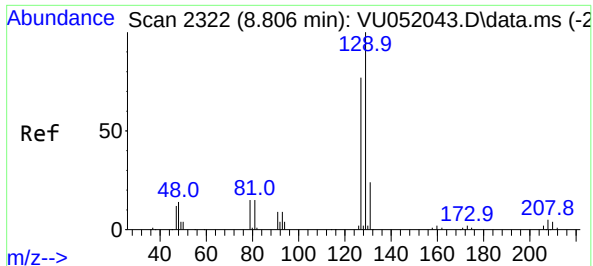
Tgt Ion: 75 Resp: 2274
Ion Ratio Lower Upper
75 100
77 66.6 22.0 40.8#



#47
Tetrachloroethene
Concen: 3.805 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052059.D
Acq: 22 Nov 2022 23:25

Tgt Ion:164 Resp: 52883
Ion Ratio Lower Upper
164 100
129 97.0 67.4 125.2
131 90.1 67.1 124.7
166 122.7 89.7 166.5





#49

Dibromochloromethane

Concen: 3.194 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052059.D

Acq: 22 Nov 2022 23:25

Instrument :

MSVOA_U

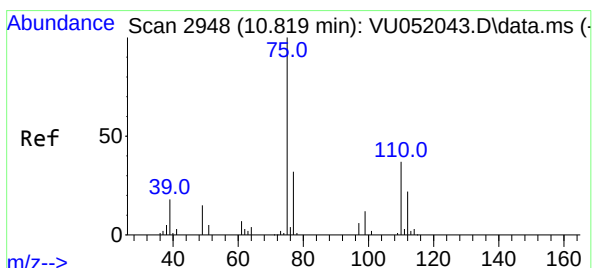
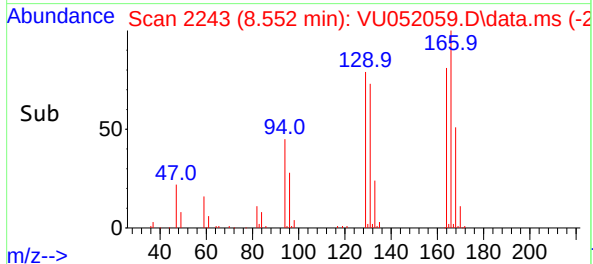
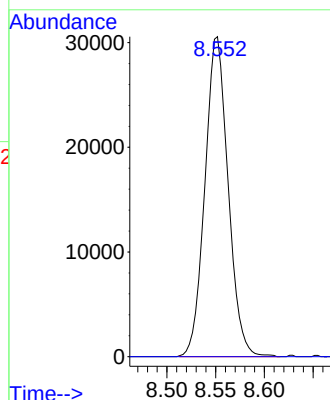
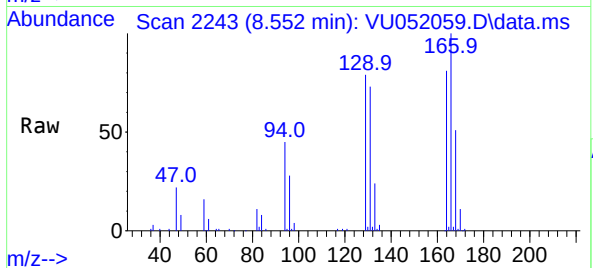
ClientSampleId :

Tgt Ion:129 Resp: 50609

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.001 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052059.D

Acq: 22 Nov 2022 23:25

Tgt Ion: 75 Resp: 9598

Ion Ratio Lower Upper

75 100

110 1.6 28.3 42.5#

77 30.4 26.2 39.2

