

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049867.D
 Acq On : 25 Jul 2022 15:13
 Operator : SY/MD
 Sample : N3802-17DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX9DL

Quant Time: Jul 26 05:34:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

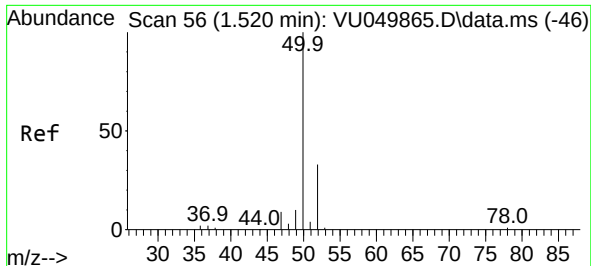
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	36840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37888	5.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.912	69	34127	5.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.562	65	16985	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.645	46	142138	53.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	5.063	84	85363	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.703	65	49860	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.726	84	160553	5.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.694	67	56125	5.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.899	98	126781	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	18458	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.639	63	76800	52.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46207	5.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	43434	5.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
3) Chloromethane	1.517	50	1603	0.136	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1629	0.275	ug/L #	77
16) Methylene chloride	3.041	84	16175	1.196	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	540	0.067	ug/L	78
34) Trichloroethene	6.542	95	57376	7.536	ug/L	98
35) Methylcyclohexane	6.694	83	12537	1.335	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	6127	0.685	ug/L #	89
47) Tetrachloroethene	8.555	164	1298	0.248	ug/L	82
49) Dibromochloromethane	8.552	129	1282	0.180	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	5017	1.022	ug/L #	67

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

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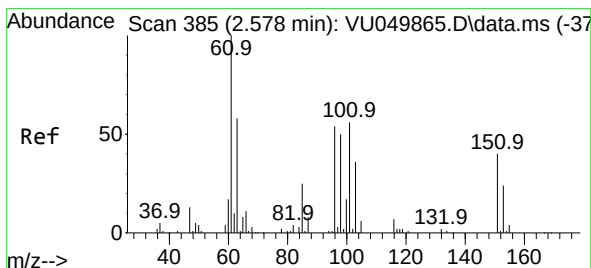
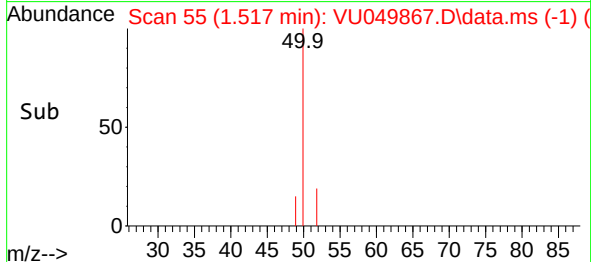
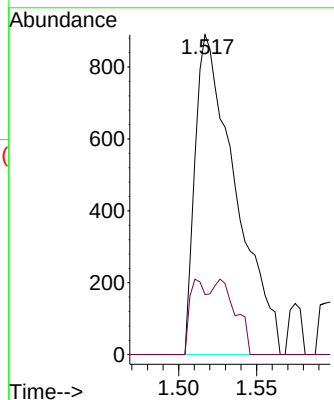
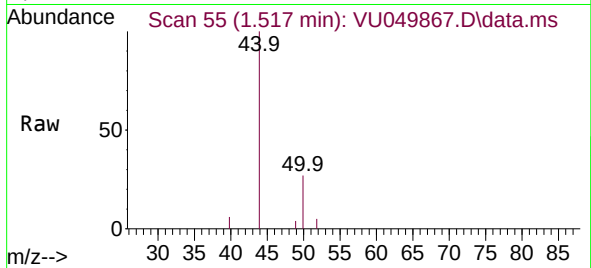




#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
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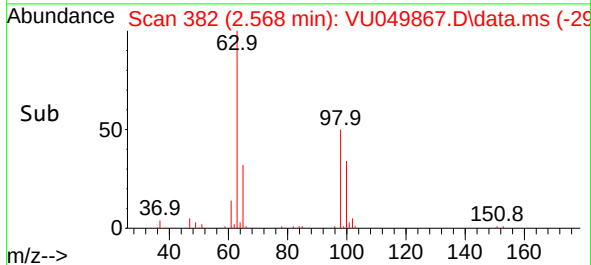
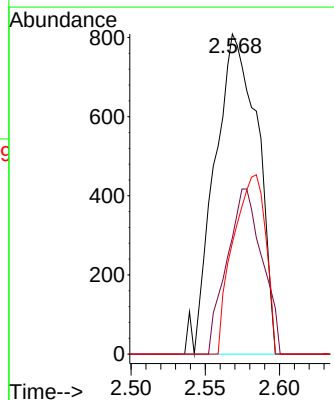
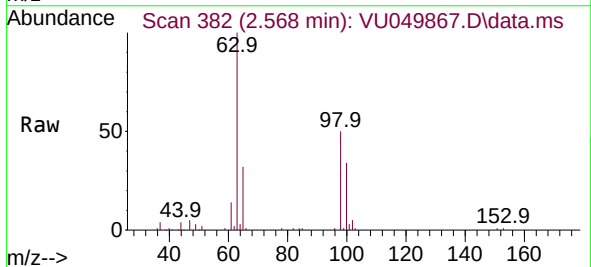
Instrument :
MSVOA_U
ClientSampleId :
GBHX9DL

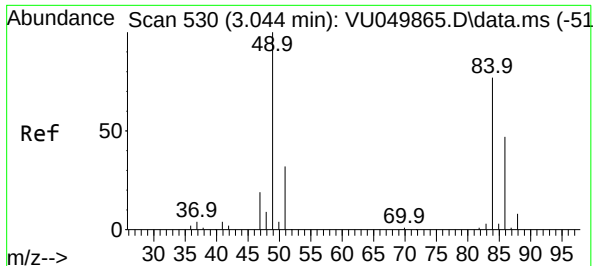
Tgt Ion: 50 Resp: 1603
Ion Ratio Lower Upper
50 100
52 18.8 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.275 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

Tgt Ion: 101 Resp: 1629
Ion Ratio Lower Upper
101 100
85 42.2 37.2 55.8
151 42.1 56.0 84.0#

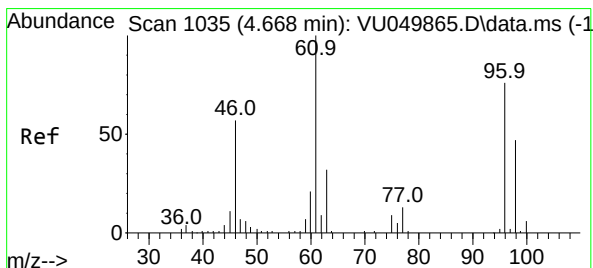
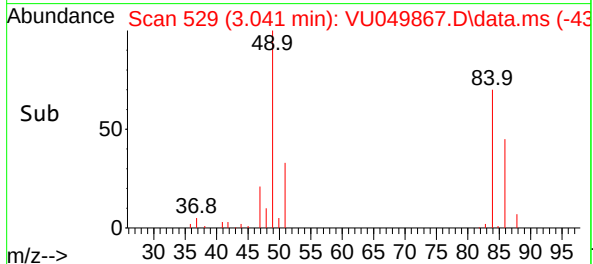
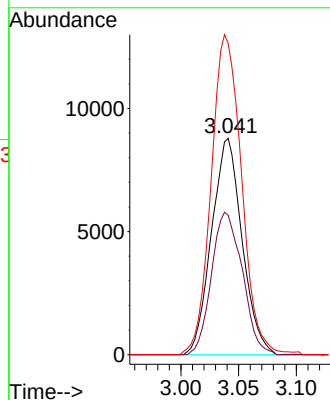
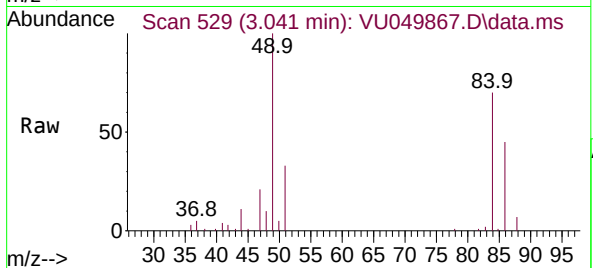




#16
Methylene chloride
Concen: 1.196 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

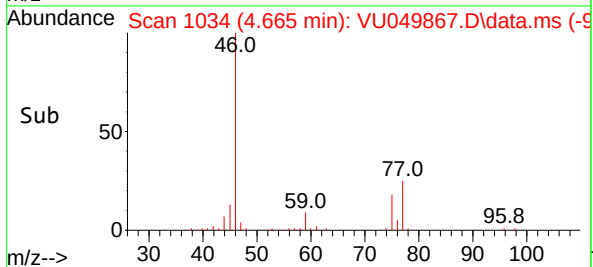
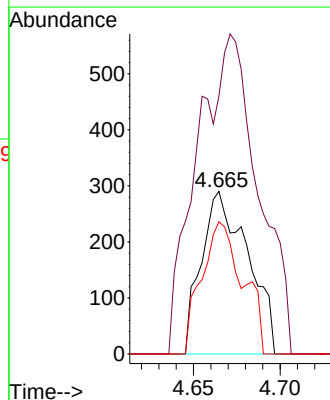
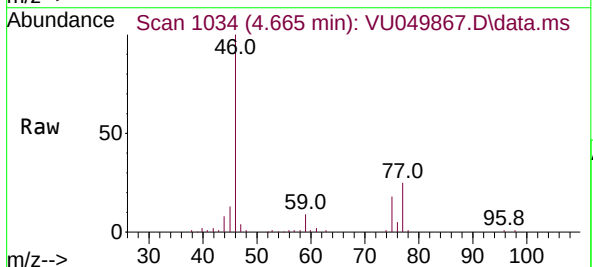
Instrument :
MSVOA_U
ClientSampleId :
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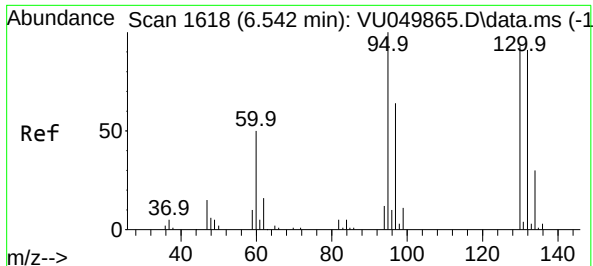
Tgt Ion: 84 Resp: 16175
Ion Ratio Lower Upper
84 100
86 64.5 45.5 84.5
49 143.8 94.1 174.8



#22
cis-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

Tgt Ion: 96 Resp: 540
Ion Ratio Lower Upper
96 100
61 158.6 93.9 174.3
98 81.4 43.9 81.5

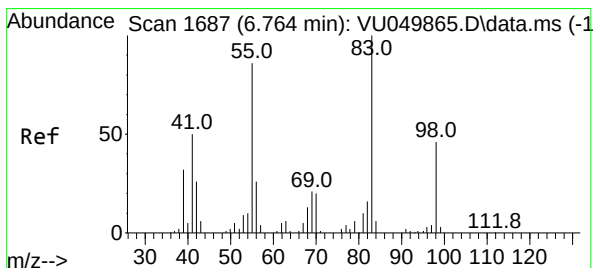
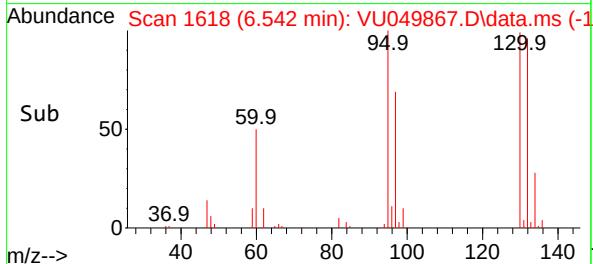
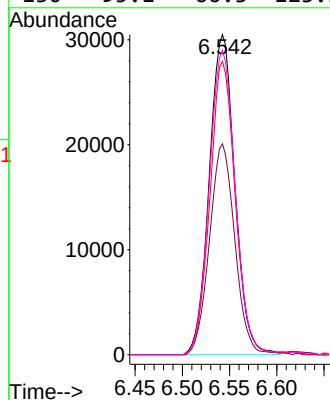
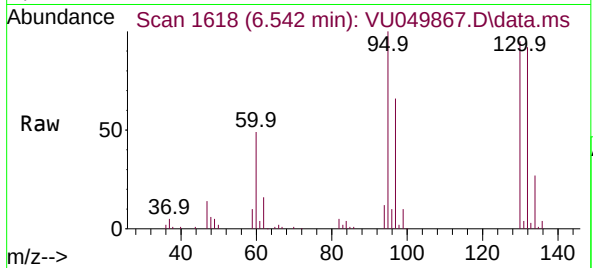




#34
Trichloroethene
Concen: 7.536 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

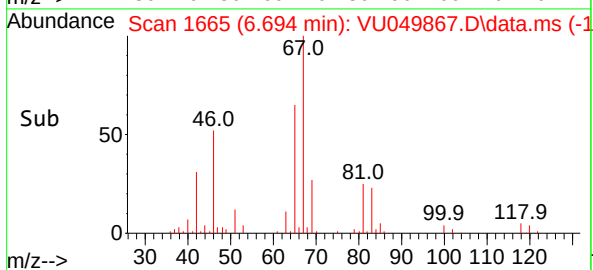
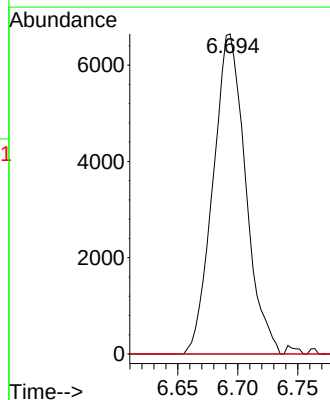
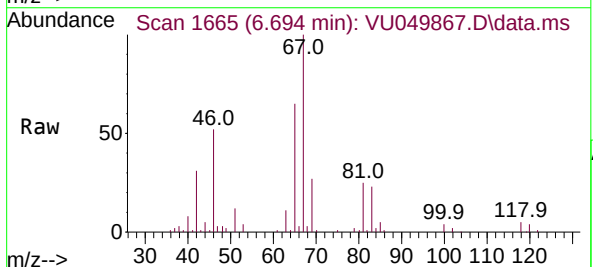
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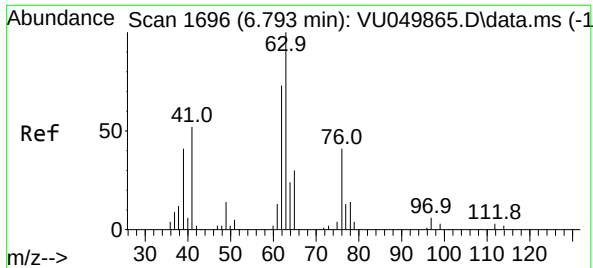
Tgt Ion: 95 Resp: 57376
Ion Ratio Lower Upper
95 100
97 65.9 46.8 86.8
132 91.7 61.8 114.8
130 95.1 66.3 123.1



#35
Methylcyclohexane
Concen: 1.335 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

Tgt Ion: 83 Resp: 12537
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.0 36.4 54.6#

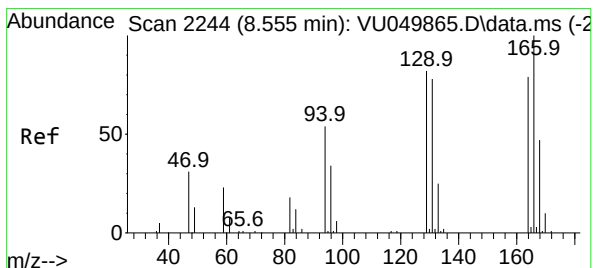
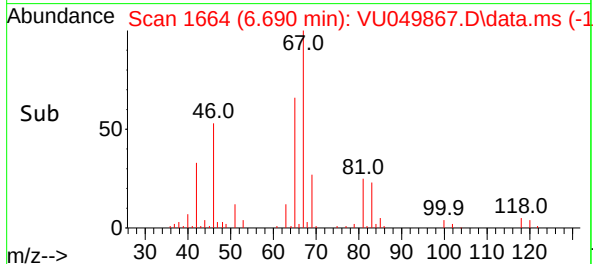
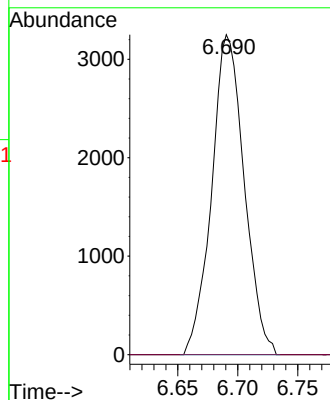
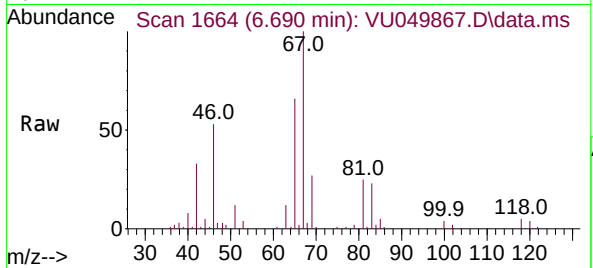




#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

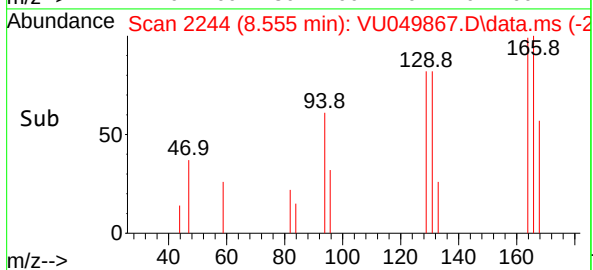
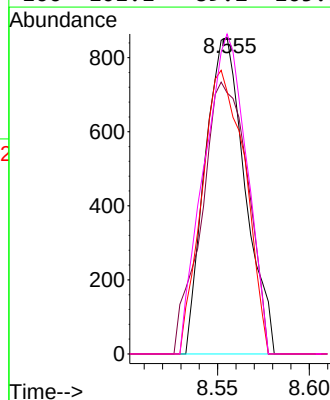
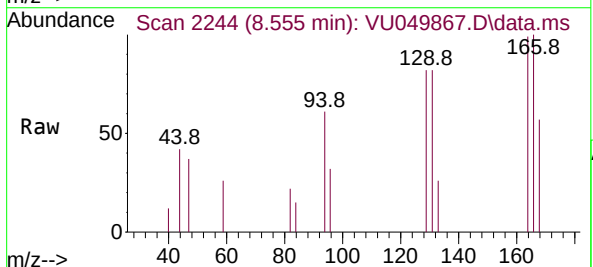
Instrument :
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ClientSampleId :
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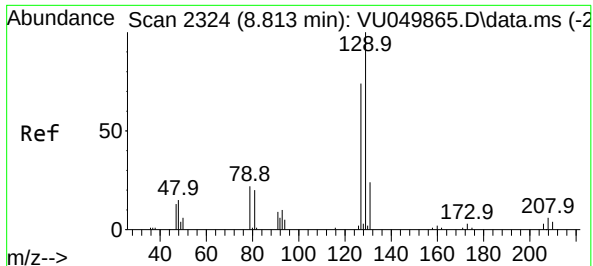
Tgt Ion: 63 Resp: 6127
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049867.D
Acq: 25 Jul 2022 15:13

Tgt Ion: 164 Resp: 1298
Ion Ratio Lower Upper
164 100
129 82.5 68.9 127.9
131 82.9 67.5 125.4
166 101.1 89.2 165.8





#49

Dibromochloromethane

Concen: 0.180 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU049867.D

Acq: 25 Jul 2022 15:13

Instrument :

MSVOA_U

ClientSampleId :

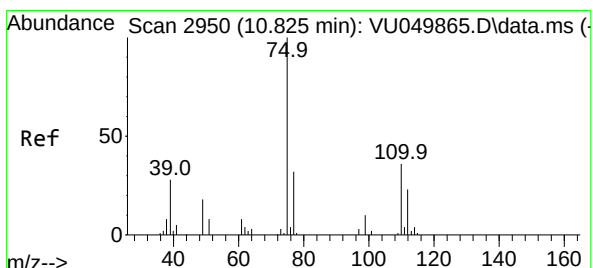
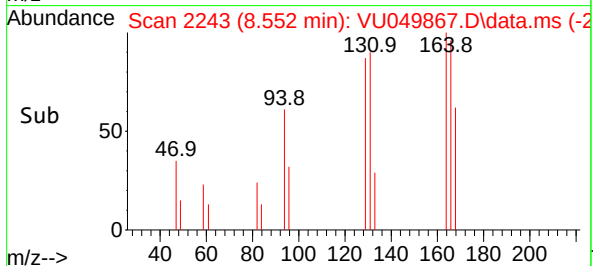
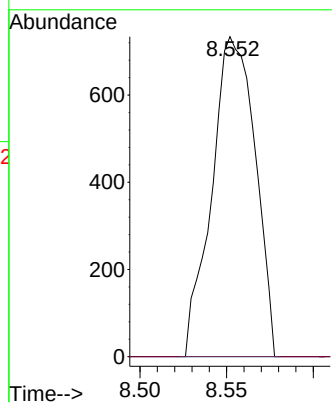
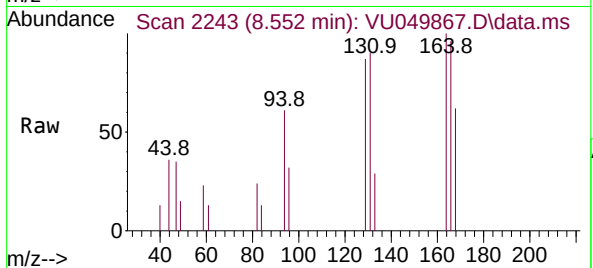
GBHX9DL

Tgt Ion:129 Resp: 1282

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 1.022 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049867.D

Acq: 25 Jul 2022 15:13

Tgt Ion: 75 Resp: 5017

Ion Ratio Lower Upper

75 100

110 0.4 28.0 42.0#

77 30.1 25.4 38.2

