

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049887.D
 Acq On : 26 Jul 2022 00:13
 Operator : SY/MD
 Sample : N3870-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ03

Quant Time: Jul 26 06:48:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

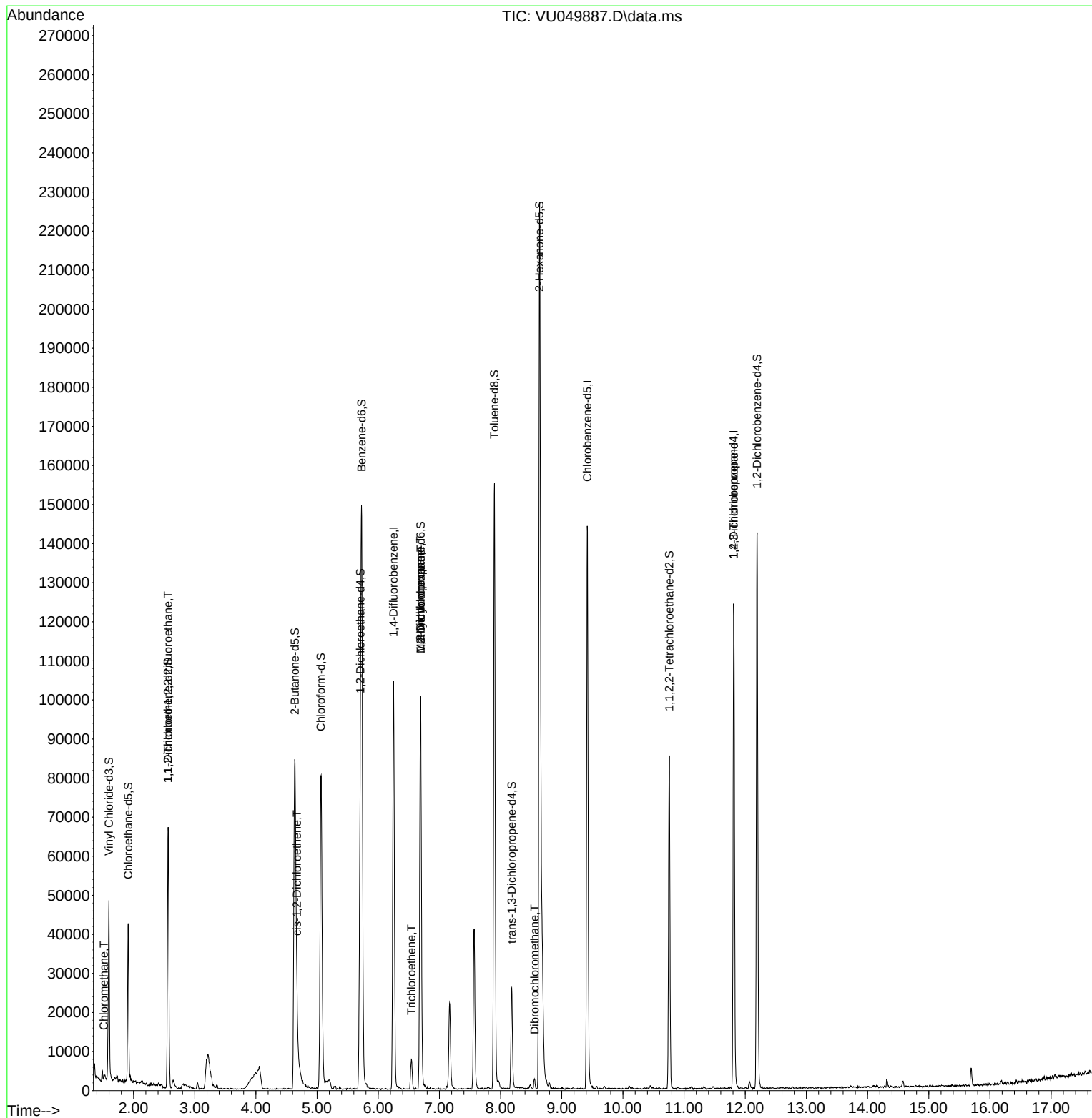
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78795	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29790	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.912	69	25915	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.565	65	12905	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.636	46	134969	57.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.140%
24) Chloroform-d	5.063	84	73051	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.706	65	44009	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.729	84	130530	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.693	67	49134	5.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.899	98	103225	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.182	79	15336	4.554	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.635	63	66683	49.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41960	5.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35347	5.381	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1312	0.125	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	622	0.118	ug/L #	32
22) cis-1,2-Dichloroethene	4.671	96	983	0.138	ug/L	78
34) Trichloroethene	6.542	95	2398	0.346	ug/L	86
35) Methylcyclohexane	6.693	83	10520	1.230	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5338	0.655	ug/L #	89
49) Dibromochloromethane	8.558	129	524	0.081	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4230	0.998	ug/L #	66

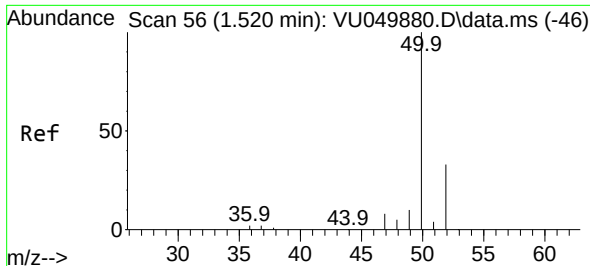
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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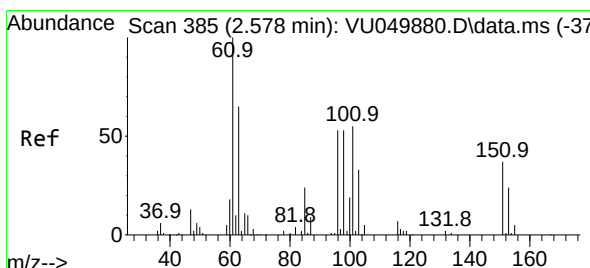
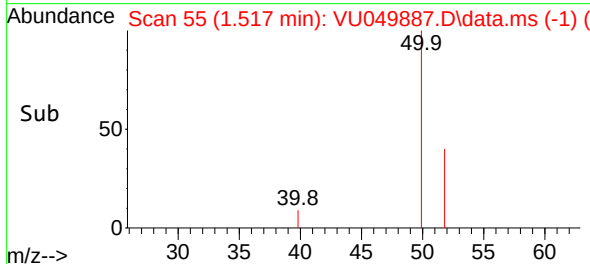
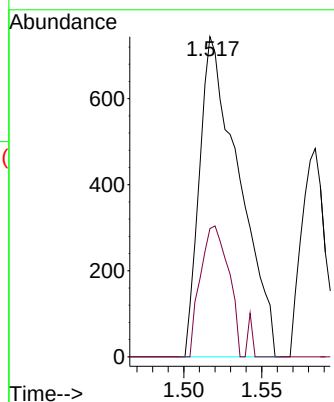
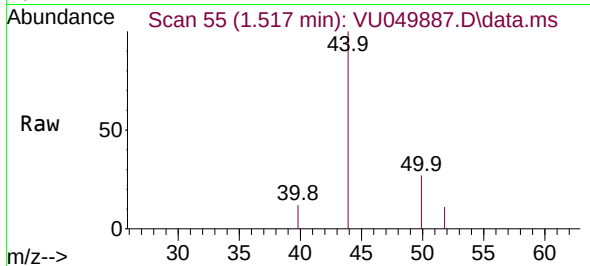




#3
Chloromethane
Concen: 0.125 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049887.D
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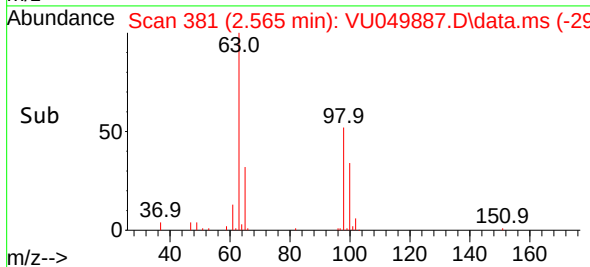
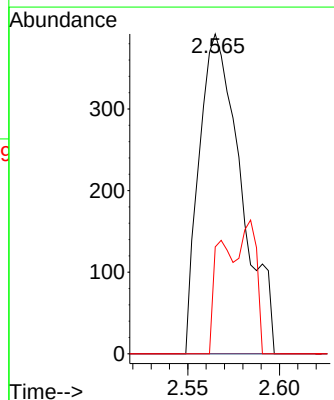
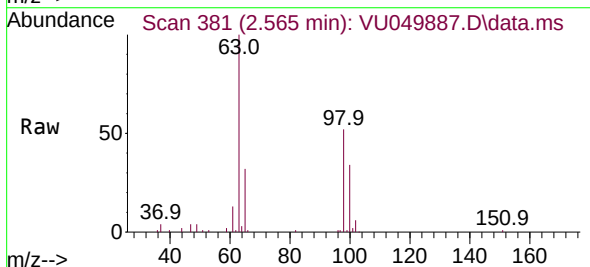
Instrument :
MSVOA_U
ClientSampleId :
GBJ03

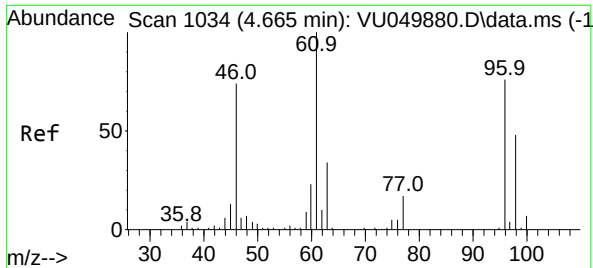
Tgt Ion: 50 Resp: 1312
Ion Ratio Lower Upper
50 100
52 40.1 22.5 41.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

Tgt Ion: 101 Resp: 622
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 15.8 56.0 84.0#

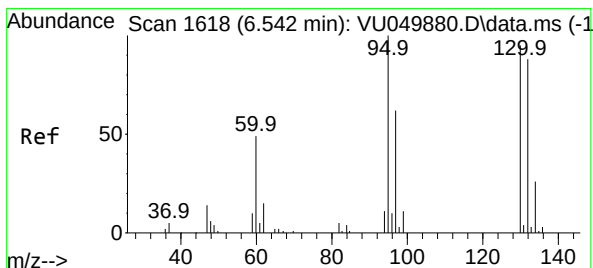
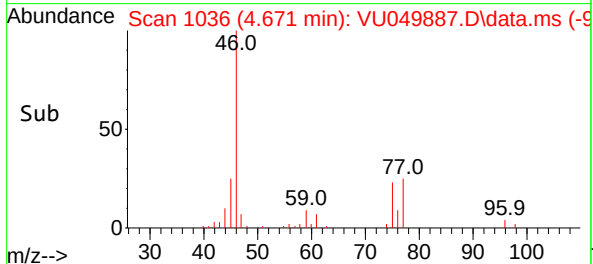
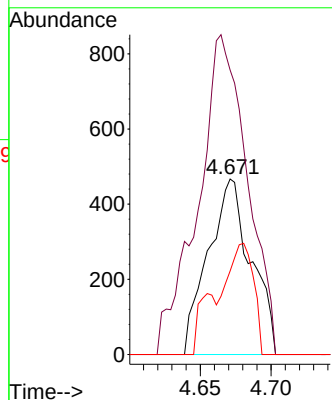
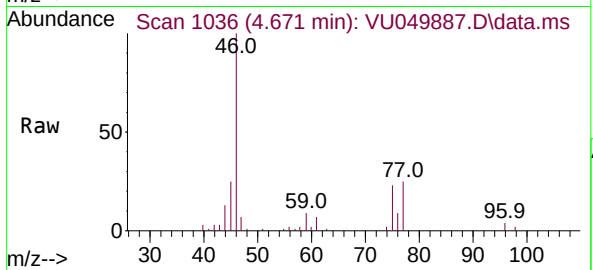




#22
cis-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

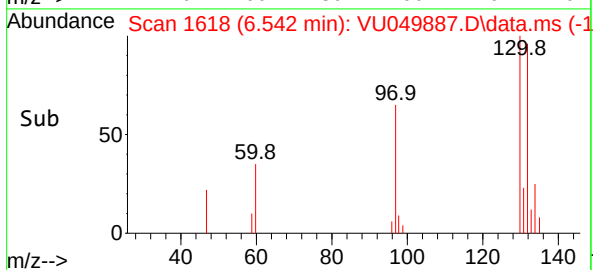
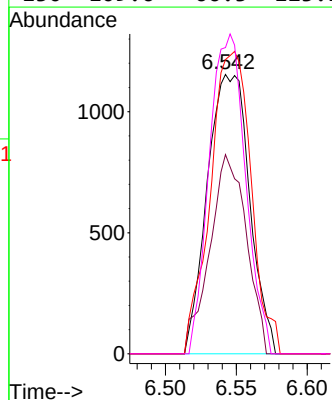
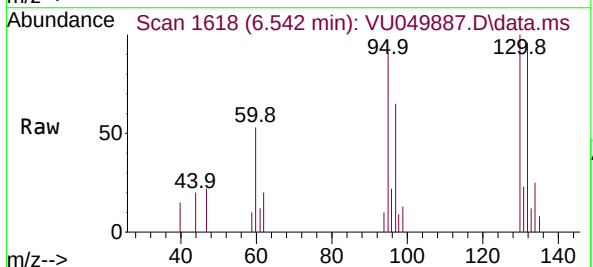
Instrument :
MSVOA_U
ClientSampleId :
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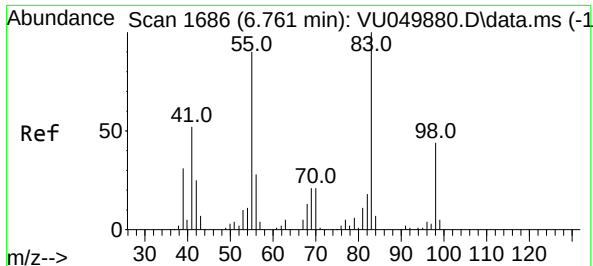
Tgt Ion: 96 Resp: 983
Ion Ratio Lower Upper
96 100
61 162.1 93.9 174.3
98 47.5 43.9 81.5



#34
Trichloroethene
Concen: 0.346 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

Tgt Ion: 95 Resp: 2398
Ion Ratio Lower Upper
95 100
97 71.3 46.8 86.8
132 105.3 61.8 114.8
130 109.6 66.3 123.1

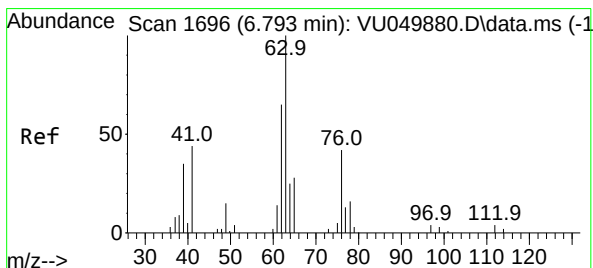
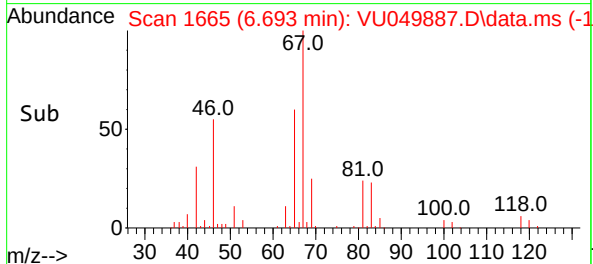
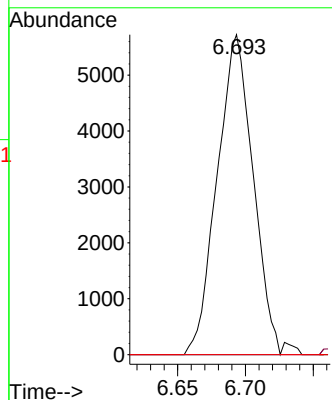
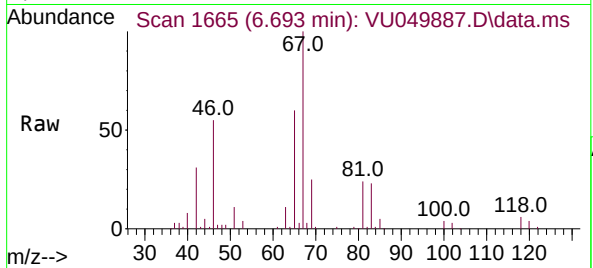




#35
Methylcyclohexane
Concen: 1.230 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

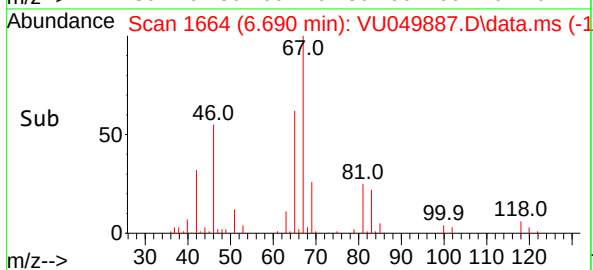
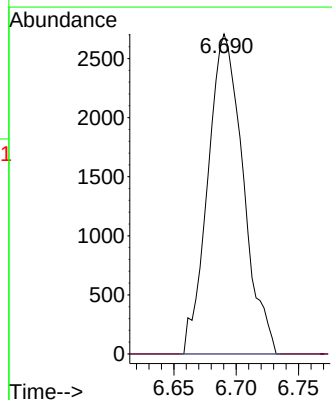
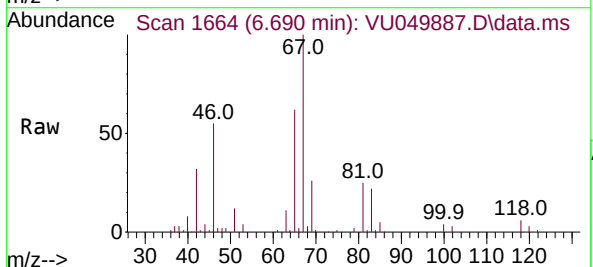
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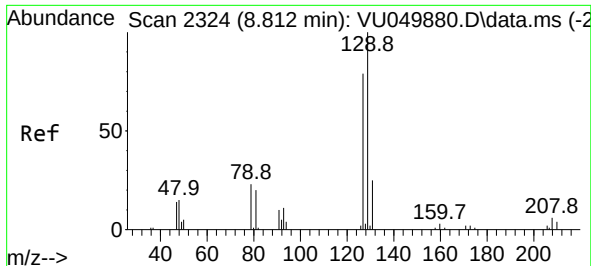
Tgt Ion: 83 Resp: 10520
Ion Ratio Lower Upper
83 100
55 0.4 69.0 103.4#
98 1.3 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

Tgt Ion: 63 Resp: 5338
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

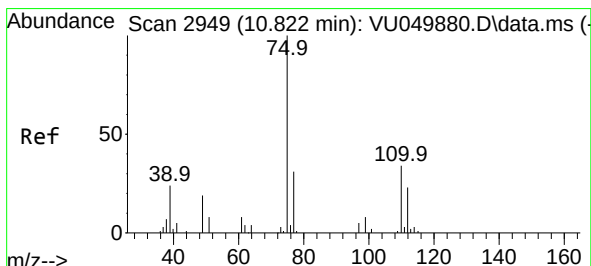
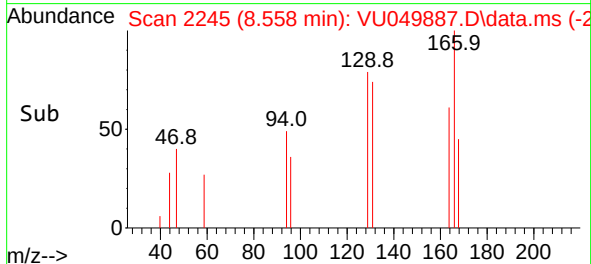
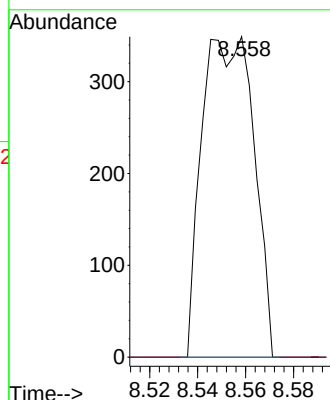
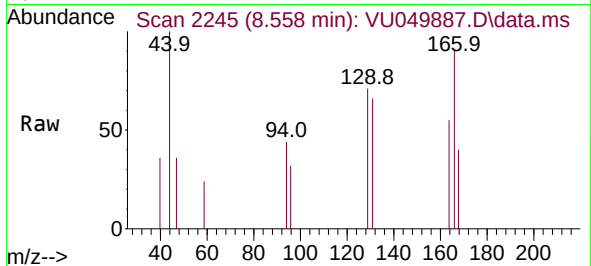




#49
Dibromochloromethane
Concen: 0.081 ug/L
RT: 8.558 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

Instrument :
MSVOA_U
ClientSampleId :
GBJ03

Tgt Ion:129 Resp: 524
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#



#61
1,2,3-Trichloropropane
Concen: 0.998 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049887.D
Acq: 26 Jul 2022 00:13

Tgt Ion: 75 Resp: 4230
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 34.2 25.4 38.2

