

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043545.D
 Acq On : 05 May 2021 10:58
 Operator : SY/MD
 Sample : M2195-12DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 13:05:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

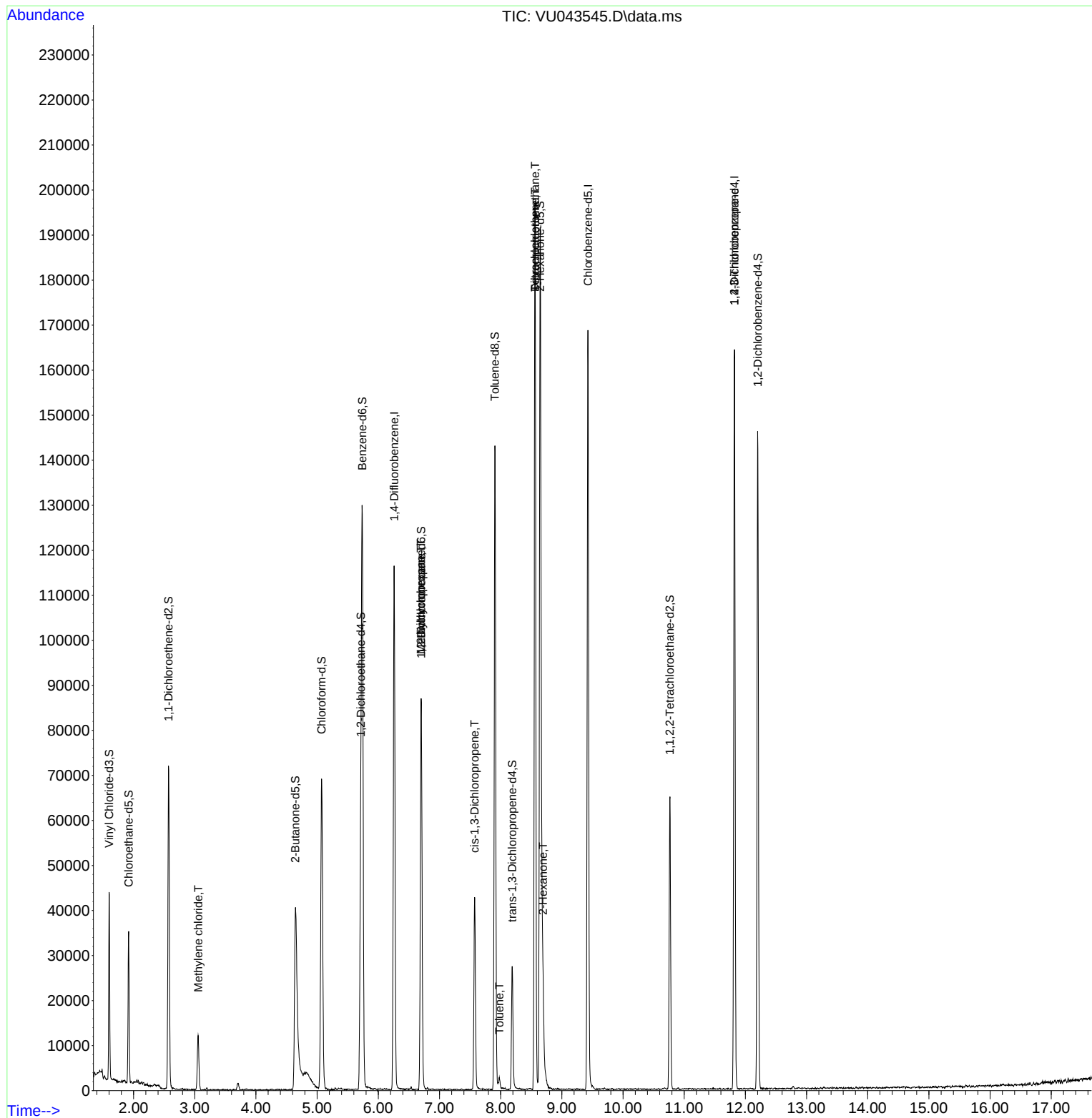
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	83077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	85628	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	39560	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27651	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.919	69	22250	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.571	65	14043	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.645	46	89059	42.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.88%
24) Chloroform-d	5.073	84	60381	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.713	65	37619	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.738	84	105281	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.703	67	38757	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	88770	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloroprop...	8.189	79	14258	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.645	63	68078	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31661	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	33657	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	5175	0.70	ug/L	85
35) Methylcyclohexane	6.700	83	8422	1.13	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4273	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1134	0.13	ug/L #	73
42) Toluene	7.980	91	1540	0.07	ug/L	91
47) Tetrachloroethene	8.561	164	39280	9.26	ug/L	92
48) 2-Hexanone	8.690	43	5378	1.32	ug/L #	83
49) Dibromochloromethane	8.561	129	38671	6.87	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	5027	1.26	ug/L #	65

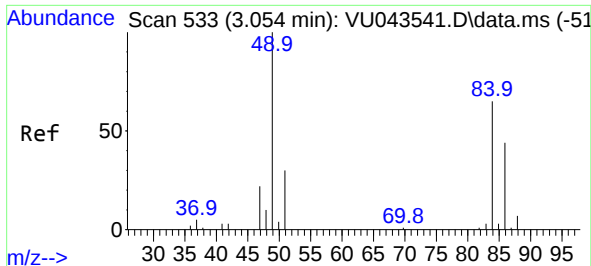
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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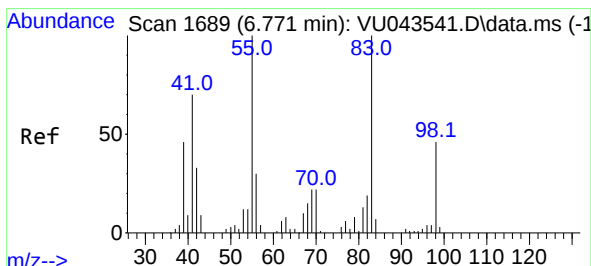
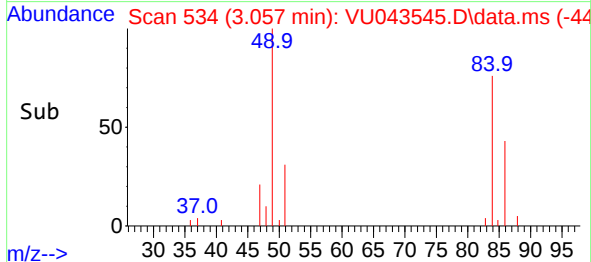
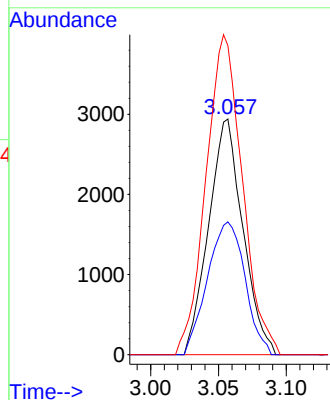
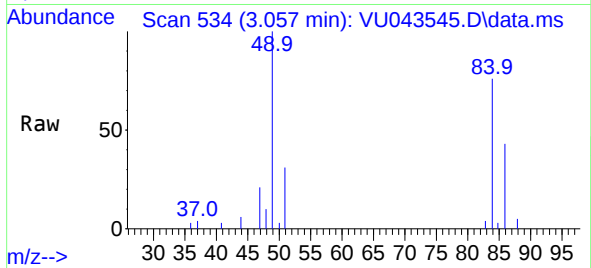




#16
Methylene chloride
Concen: 0.70 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

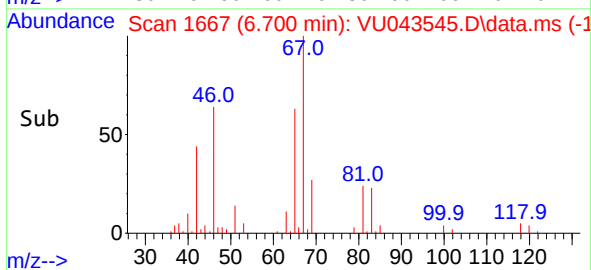
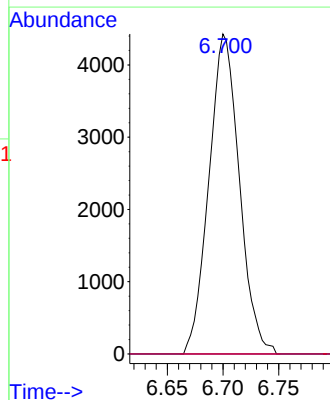
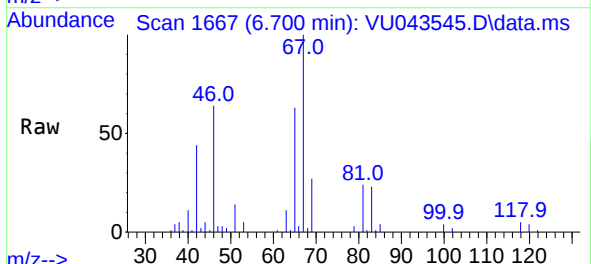
Instrument :
MSVOA_U
ClientSampleId :

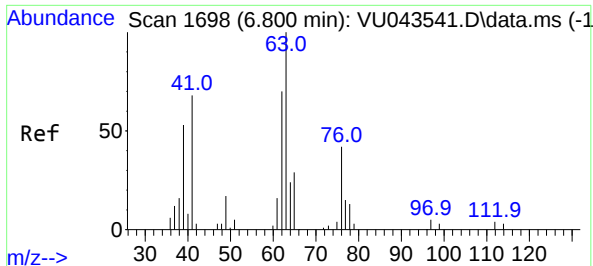
Tgt Ion: 84 Resp: 5175
Ion Ratio Lower Upper
84 100
86 56.4 45.6 84.6
49 131.1 107.0 198.8



#35
Methylcyclohexane
Concen: 1.13 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

Tgt Ion: 83 Resp: 8422
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

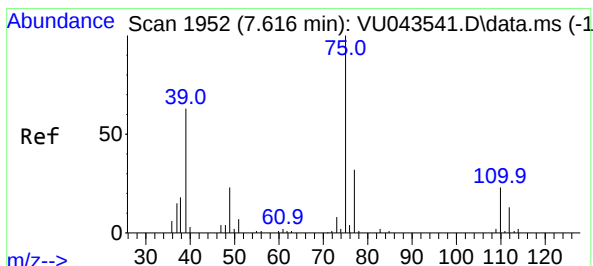
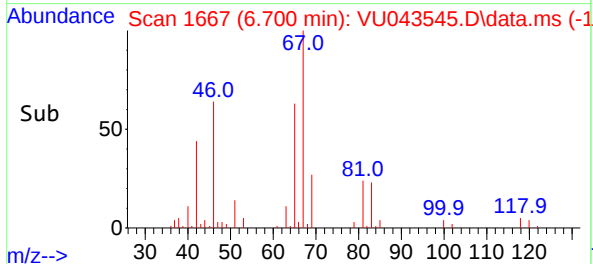
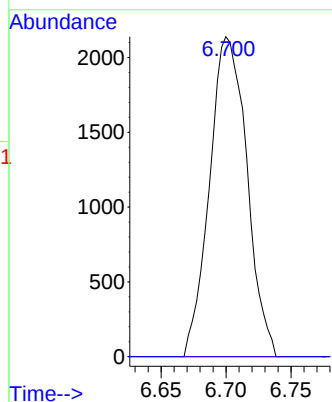
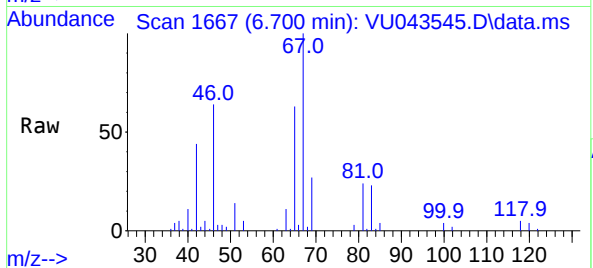




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

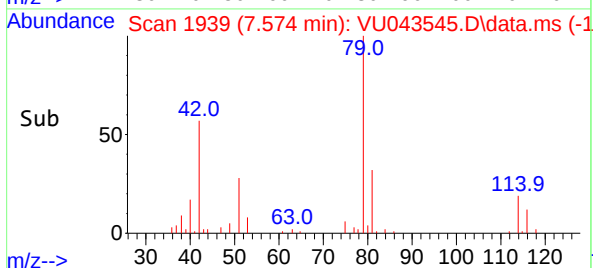
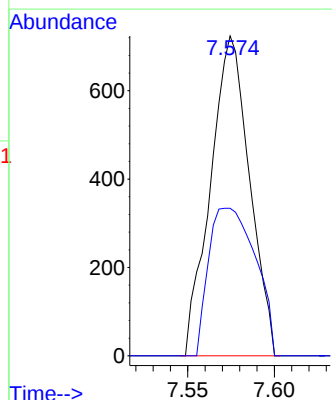
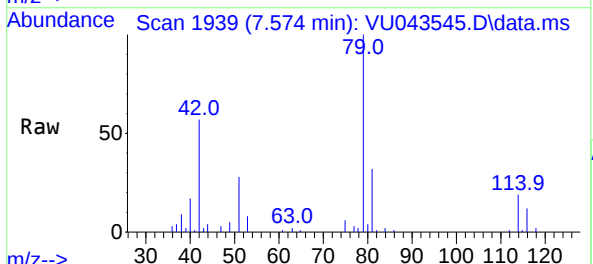
Instrument :
MSVOA_U
ClientSampled :

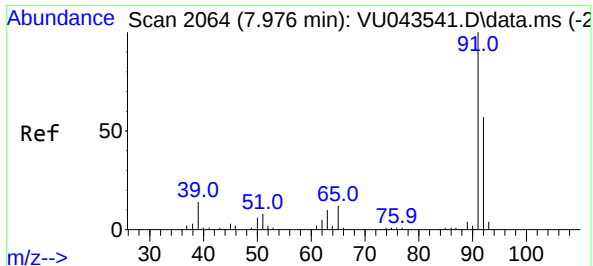
Tgt Ion: 63 Resp: 4273
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

Tgt Ion: 75 Resp: 1134
Ion Ratio Lower Upper
75 100
77 46.1 21.9 40.7#

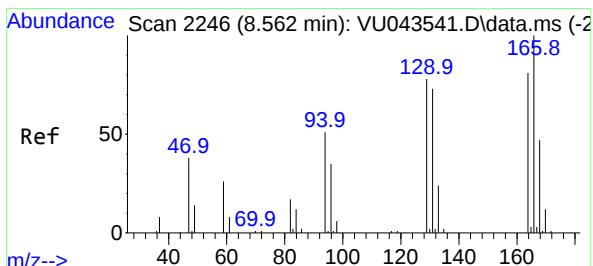
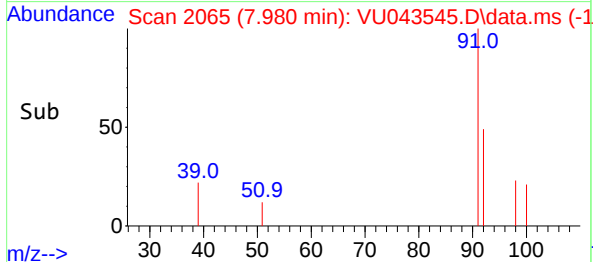
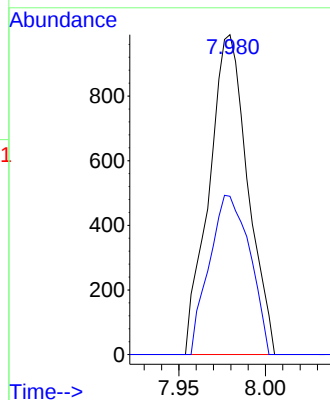
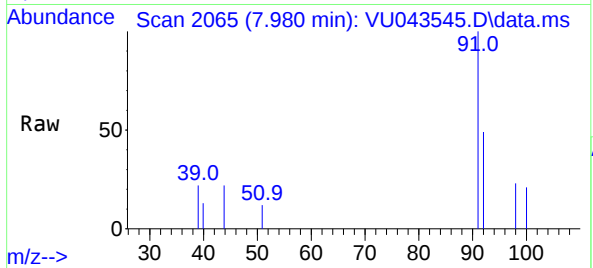




#42
Toluene
Concen: 0.07 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

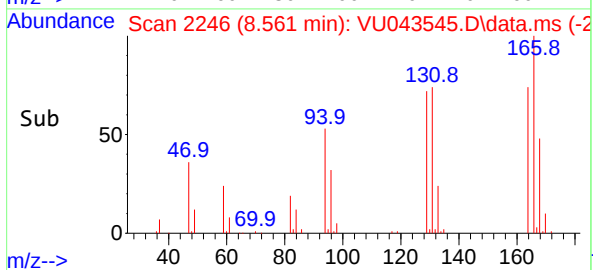
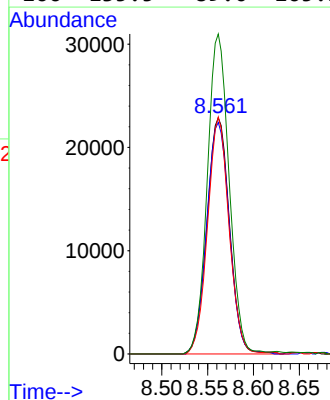
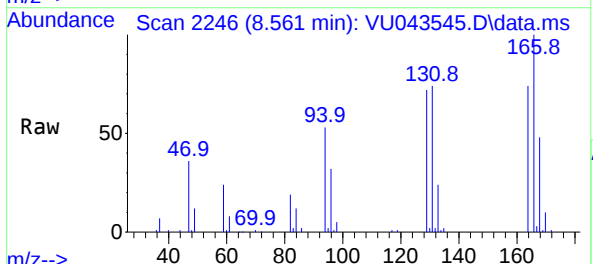
Instrument :
MSVOA_U
ClientSampled :

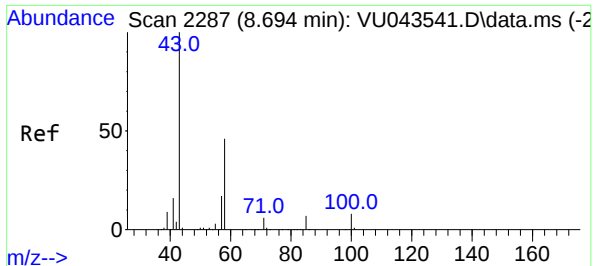
Tgt Ion: 91 Resp: 1540
Ion Ratio Lower Upper
91 100
92 49.5 39.1 72.5



#47
Tetrachloroethene
Concen: 9.26 ug/L
RT: 8.561 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

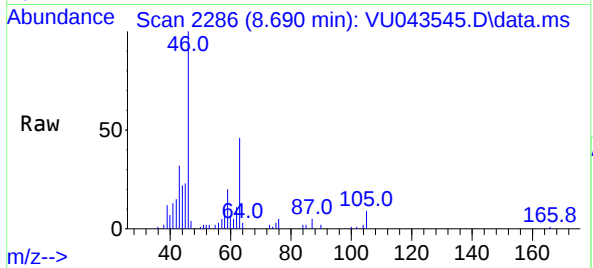
Tgt Ion: 164 Resp: 39280
Ion Ratio Lower Upper
164 100
129 98.0 62.5 116.1
131 100.3 64.9 120.5
166 135.5 89.0 165.2



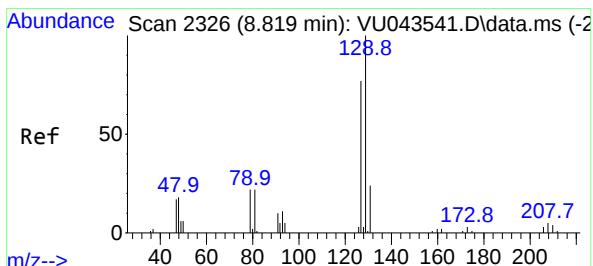
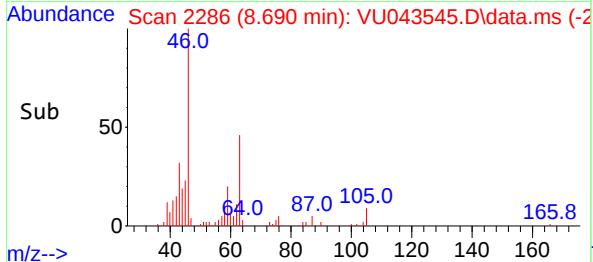
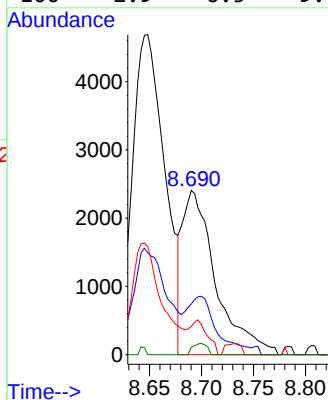


#48
2-Hexanone
Concen: 1.32 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :

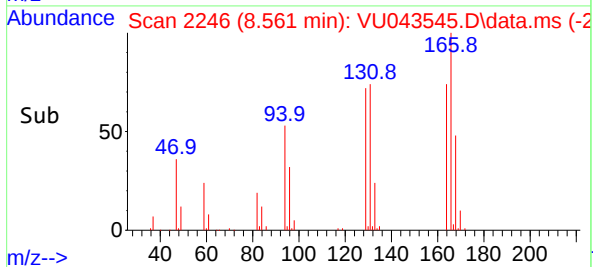
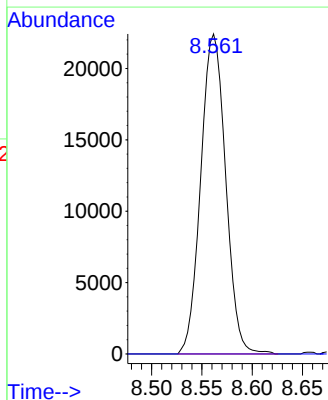
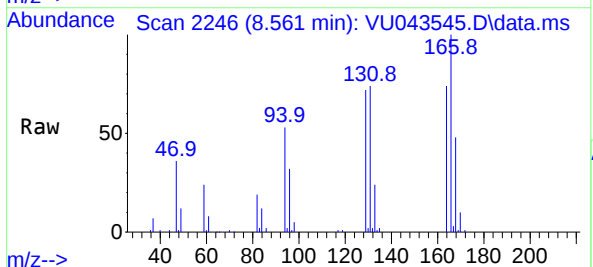


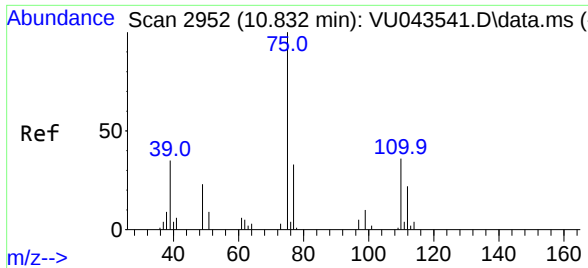
Tgt Ion: 43 Resp: 5378
Ion Ratio Lower Upper
43 100
58 32.8 36.8 55.2#
57 11.6 13.2 19.8#
100 2.9 6.5 9.7#



#49
Dibromochloromethane
Concen: 6.87 ug/L
RT: 8.561 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

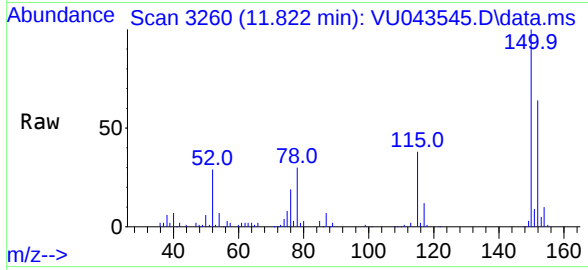
Tgt Ion: 129 Resp: 38671
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#





#61
1,2,3-Trichloropropane
Concen: 1.26 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043545.D
Acq: 05 May 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5027
Ion Ratio Lower Upper
75 100
110 0.9 28.6 42.8#
77 36.3 25.7 38.5

