

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043535.D
 Acq On : 04 May 2021 21:24
 Operator : SY/MD
 Sample : M2195-13DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J1DL

Quant Time: May 05 08:17:28 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)

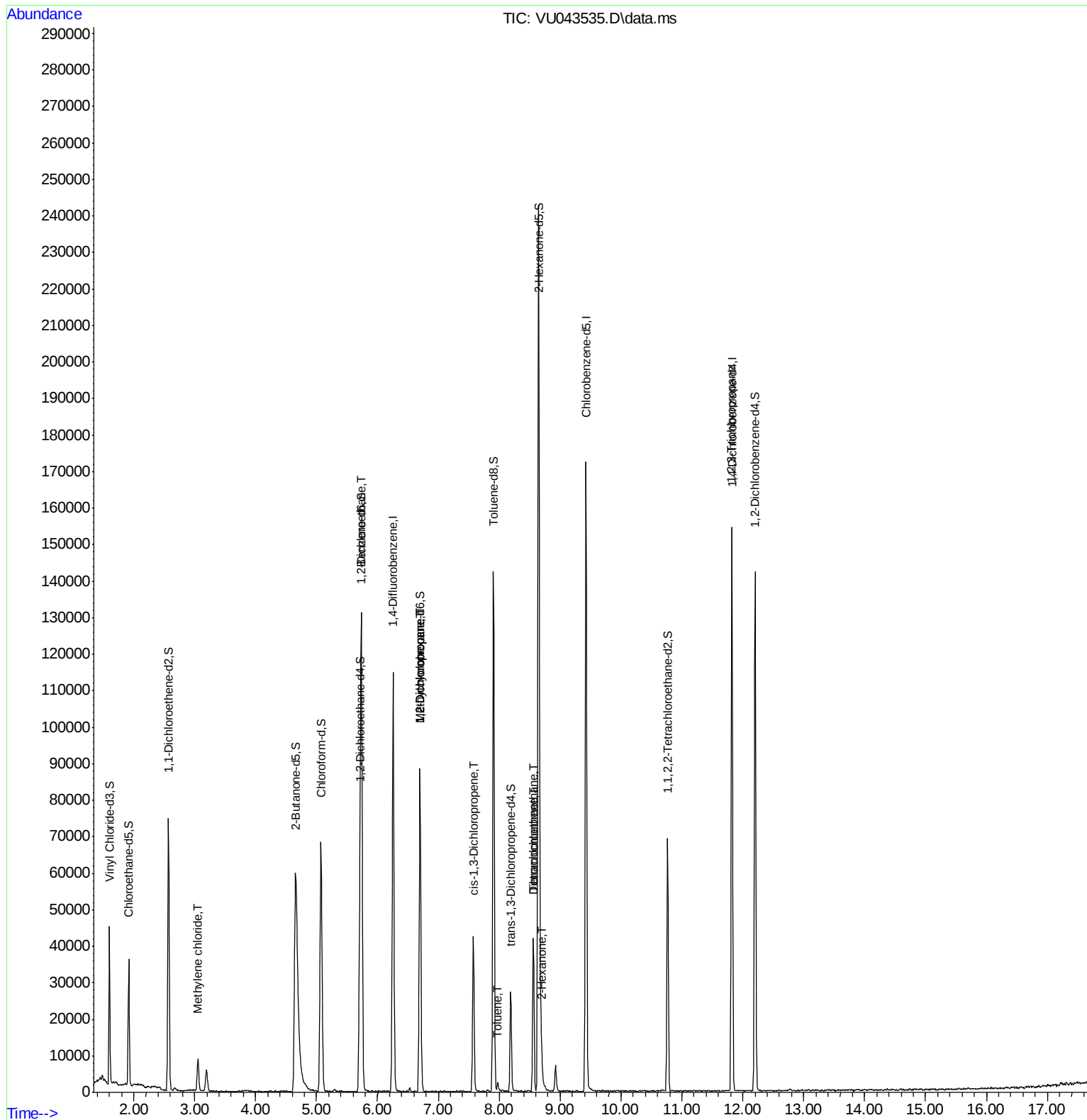
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82700	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	86219	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	36819	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28514	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.916	69	22071	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.571	65	14228	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.655	46	125935	61.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.00%
24) Chloroform-d	5.073	84	58782	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.713	65	38662	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.735	84	105912	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	38576	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.906	98	86510	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.189	79	13762	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.645	63	76075	54.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32591	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	32786	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
16) Methylene chloride	3.054	84	3631	0.49	ug/L	91
27) 1,2-Dichloroethane	5.739	62	708	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	8981	1.20	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4452	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1046	0.12	ug/L #	42
42) Toluene	7.973	91	1503	0.06	ug/L	89
47) Tetrachloroethene	8.562	164	8754	2.05	ug/L	92
48) 2-Hexanone	8.697	43	4981	1.21	ug/L #	90
49) Dibromochloromethane	8.558	129	8444	1.49	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4960	1.33	ug/L #	64

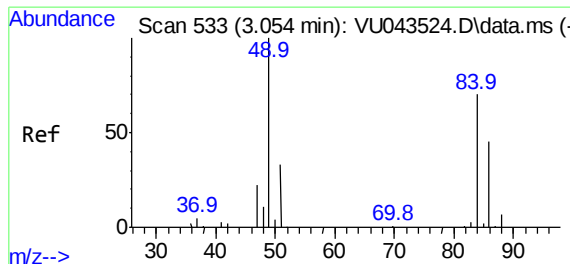
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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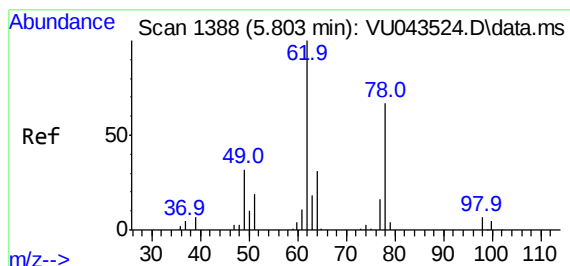
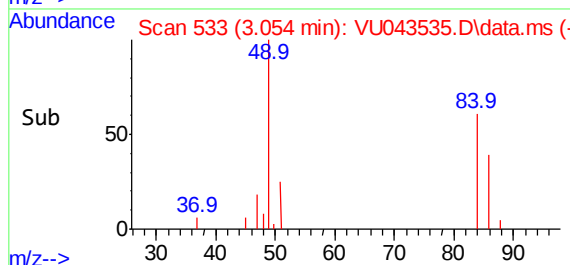
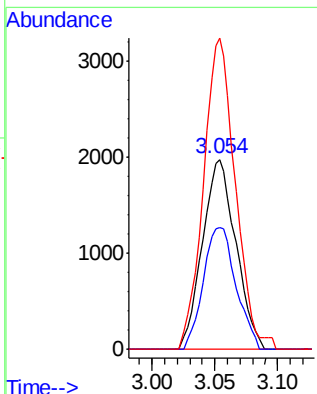
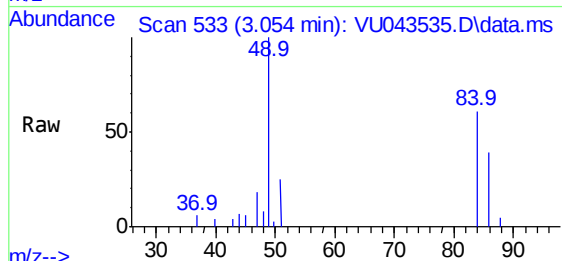




#16
Methylene chloride
Concen: 0.49 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

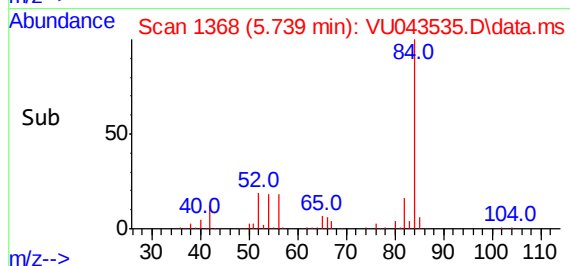
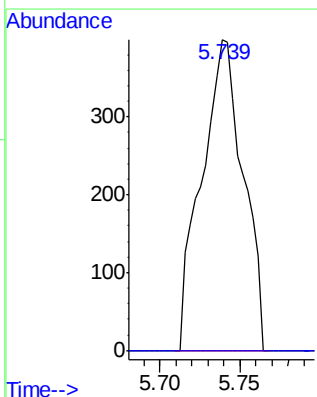
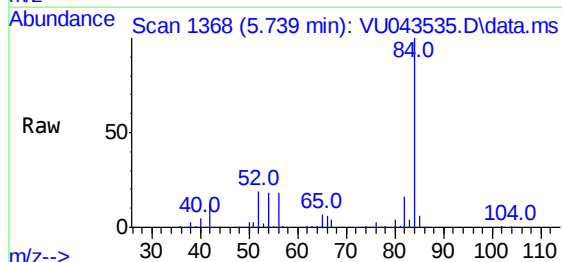
Instrument :
MSVOA_U
ClientSampleId :
GB3J1DL

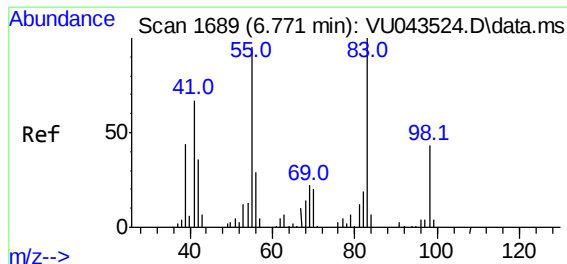
Tgt Ion: 84 Resp: 3631
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.6
49 169.3 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Tgt Ion: 62 Resp: 708
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

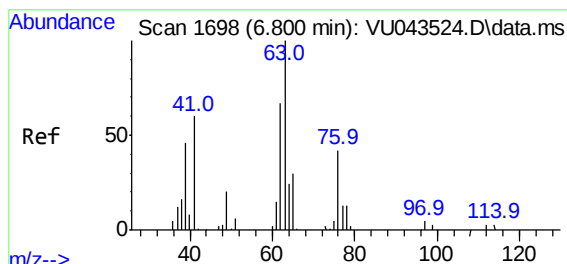
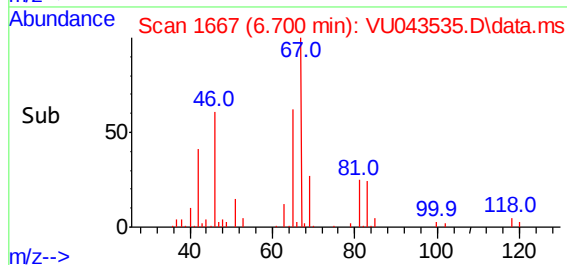
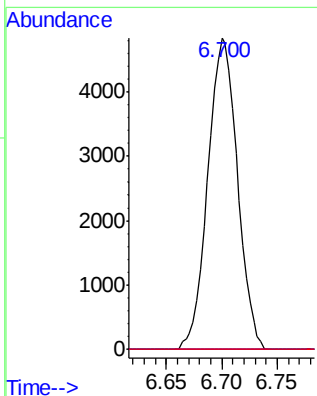
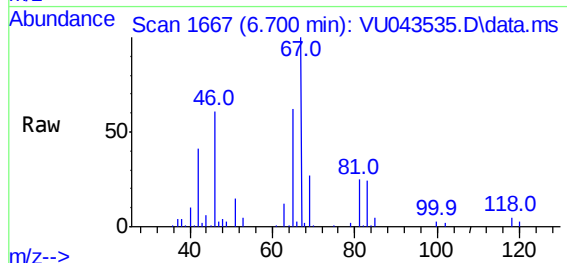




#35
Methylcyclohexane
Concen: 1.20 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

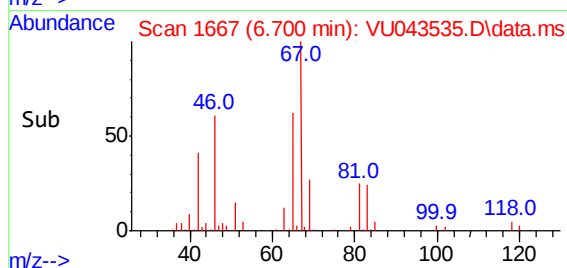
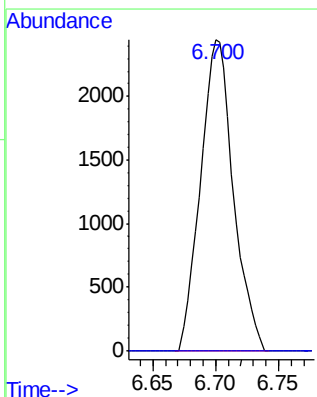
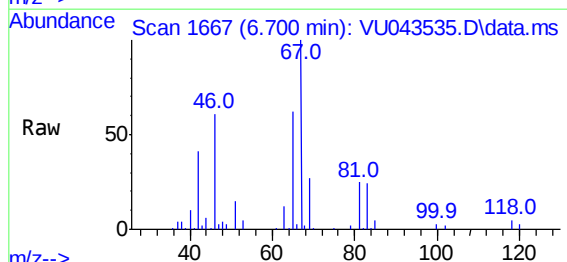
Instrument :
MSVOA_U
ClientSampleId :
GB3J1DL

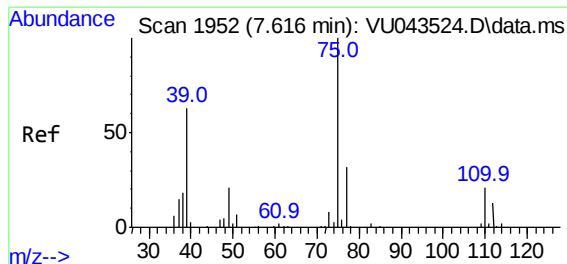
Tgt Ion: 83 Resp: 8981
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.8 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Tgt Ion: 63 Resp: 4452
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

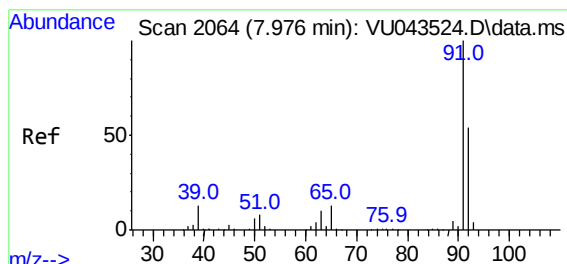
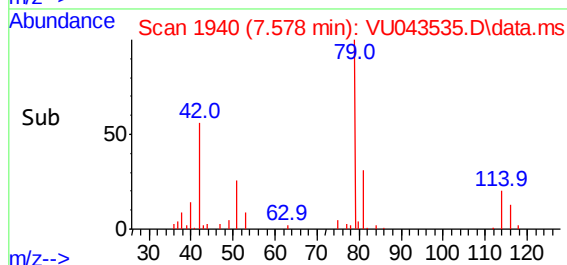
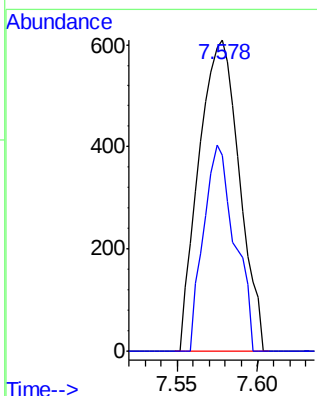
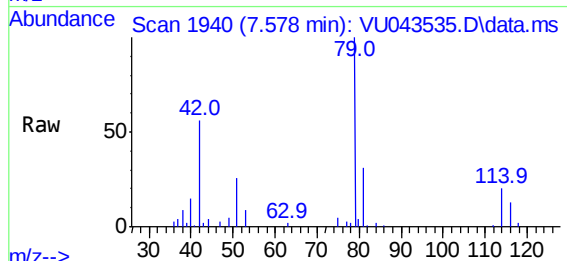




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.039 min
 Lab File: VU043535.D
 Acq: 04 May 2021 21:24

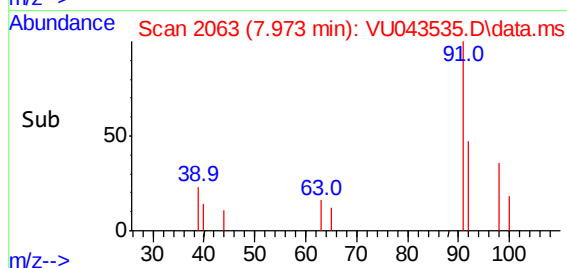
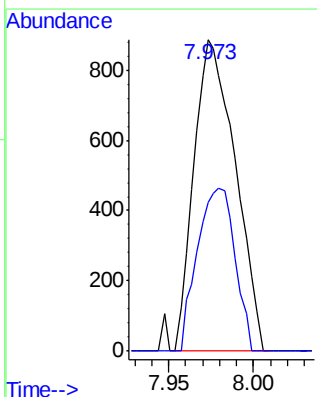
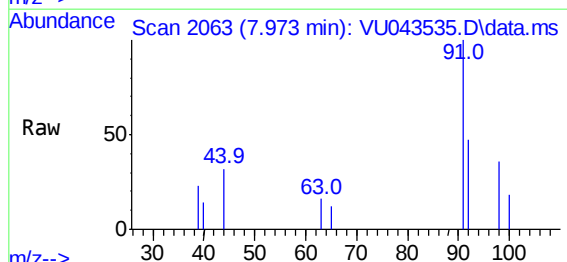
Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J1DL

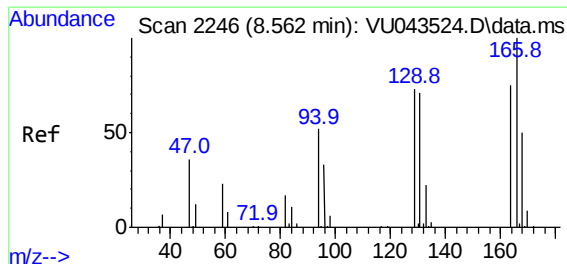
Tgt Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 77 63.1 21.9 40.7#



#42
 Toluene
 Concen: 0.06 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.003 min
 Lab File: VU043535.D
 Acq: 04 May 2021 21:24

Tgt Ion: 91 Resp: 1503
 Ion Ratio Lower Upper
 91 100
 92 47.5 39.1 72.5



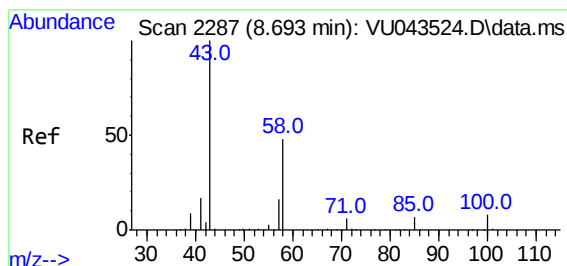
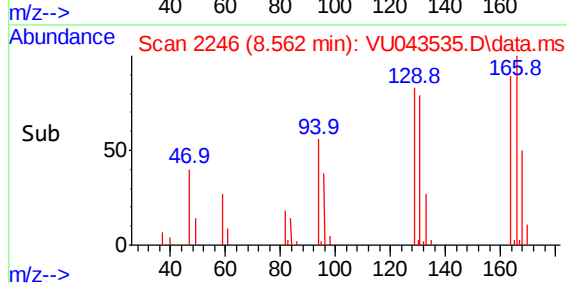
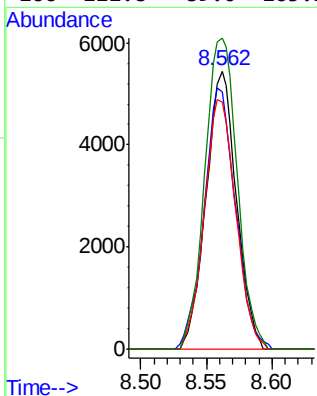
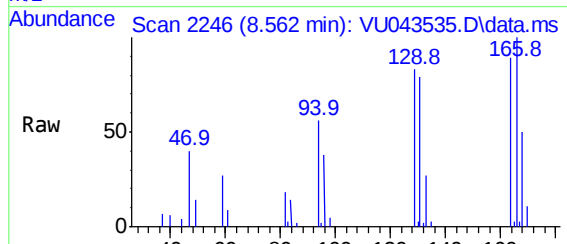


#47
Tetrachloroethene
Concen: 2.05 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Instrument :
MSVOA_U
ClientSampleId :
GB3J1DL

Tgt Ion:164 Resp: 8754

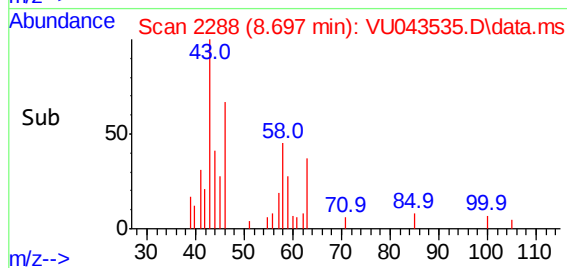
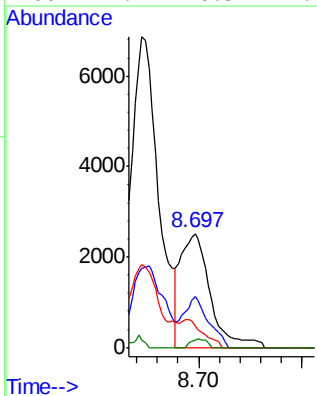
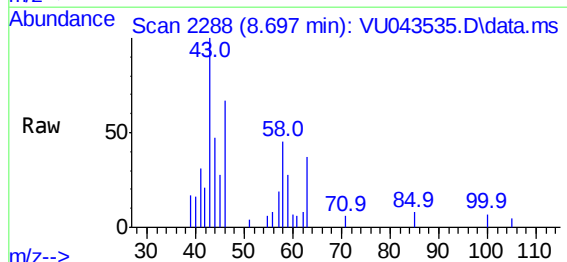
Ion	Ratio	Lower	Upper
164	100		
129	92.5	62.5	116.1
131	88.7	64.9	120.5
166	111.8	89.0	165.2

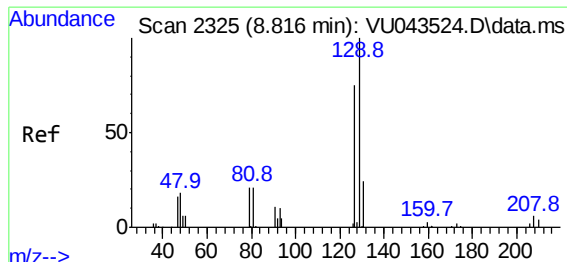


#48
2-Hexanone
Concen: 1.21 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Tgt Ion: 43 Resp: 4981

Ion	Ratio	Lower	Upper
43	100		
58	37.9	36.8	55.2
57	15.4	13.2	19.8
100	4.1	6.5	9.7

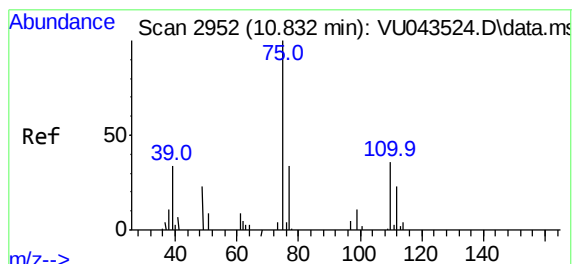
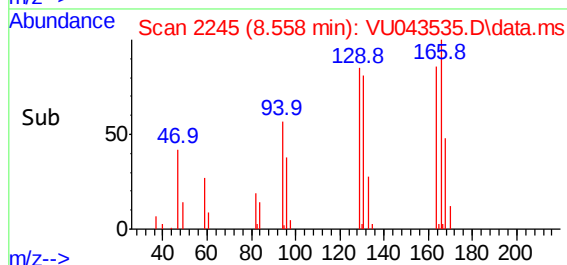
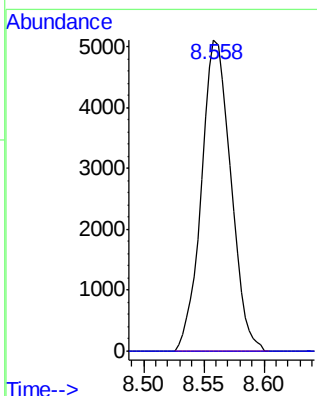
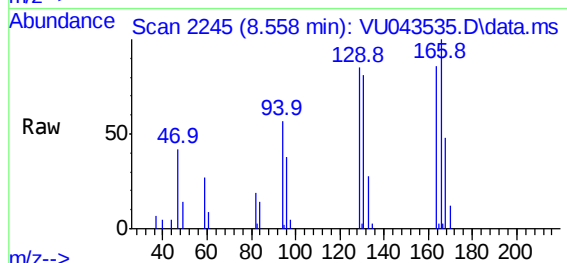




#49
Dibromochloromethane
Concen: 1.49 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Instrument :
MSVOA_U
ClientSampleId :
GB3J1DL

Tgt Ion:129 Resp: 8444
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.33 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043535.D
Acq: 04 May 2021 21:24

Tgt Ion: 75 Resp: 4960
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 36.6 25.7 38.5

