

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043524.D
 Acq On : 04 May 2021 16:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: May 05 04:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

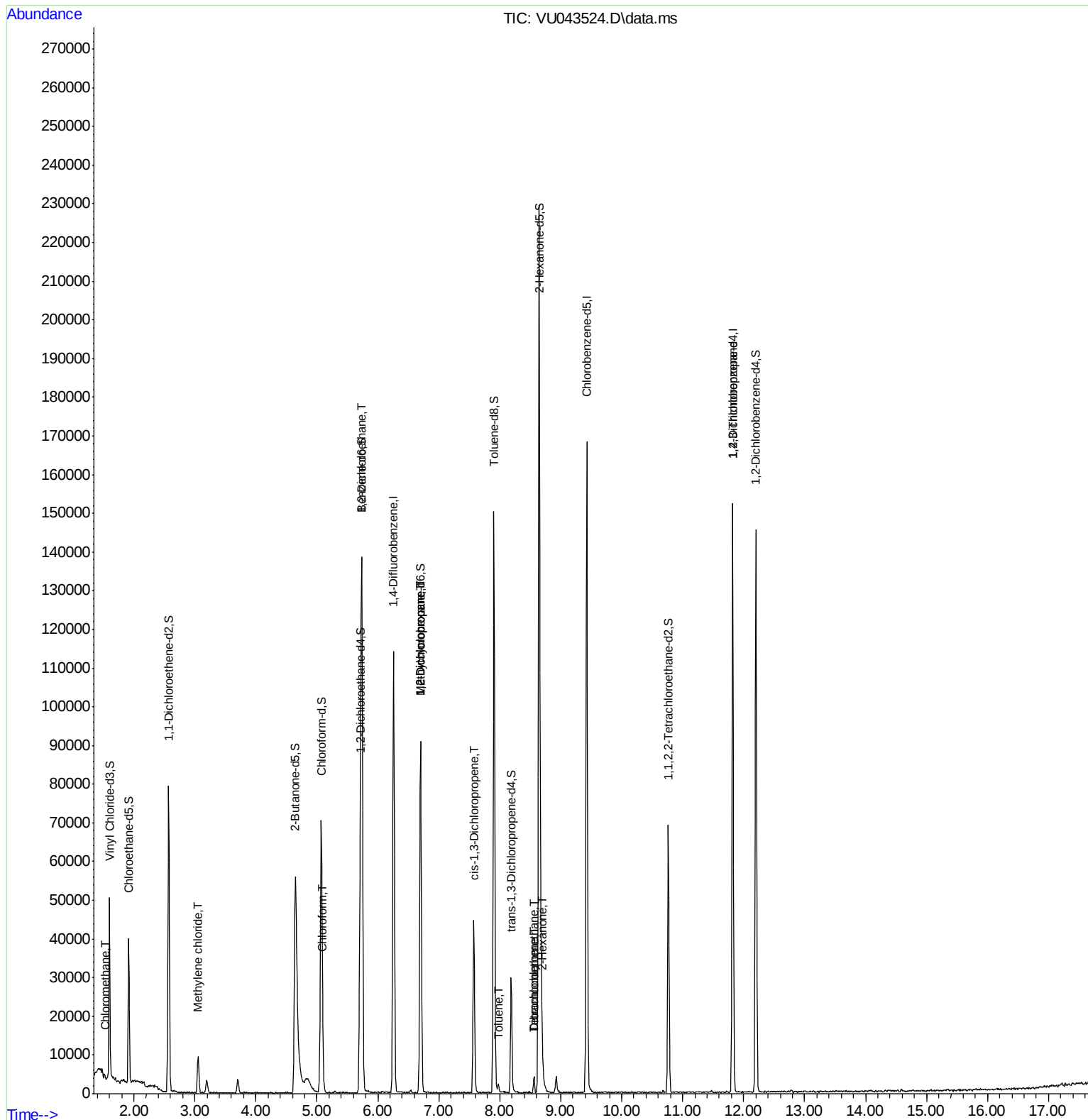
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82386	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	83350	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	37343	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30598	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.916	69	24330	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.571	65	15284	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.649	46	108366	52.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	5.073	84	61174	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	39536	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.735	84	112656	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.700	67	39255	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	91636	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.189	79	15414	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.645	63	75366	56.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.68%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33587	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	35094	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	662	0.11	ug/L	91
16) Methylene chloride	3.054	84	4075	0.55	ug/L	91
25) Chloroform	5.095	83	2084	0.17	ug/L	95
27) 1,2-Dichloroethane	5.735	62	750	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	8610	1.19	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4999	0.76	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1205	0.14	ug/L #	70
42) Toluene	7.976	91	1438	0.06	ug/L	95
47) Tetrachloroethene	8.558	164	894	0.22	ug/L	86
48) 2-Hexanone	8.693	43	5709	1.43	ug/L #	84
49) Dibromochloromethane	8.562	129	861	0.16	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4613	1.22	ug/L #	63

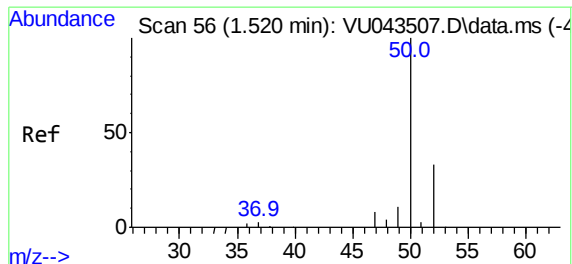
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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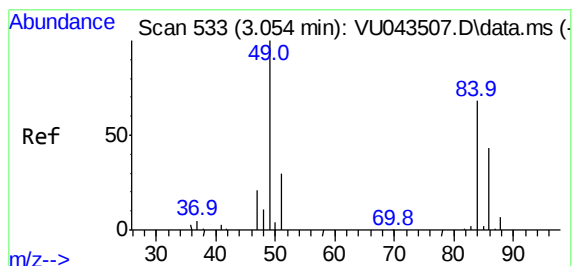
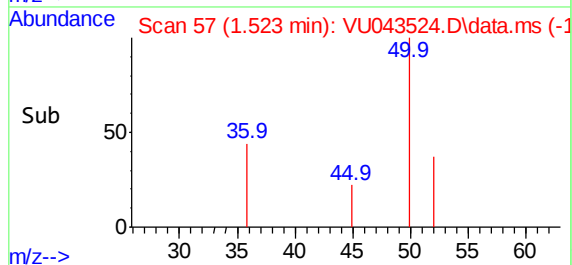
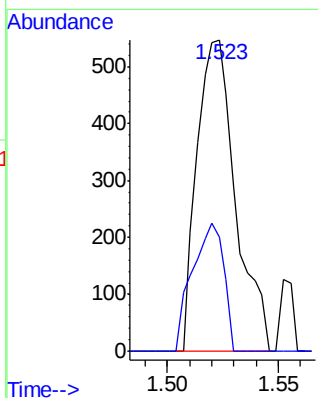
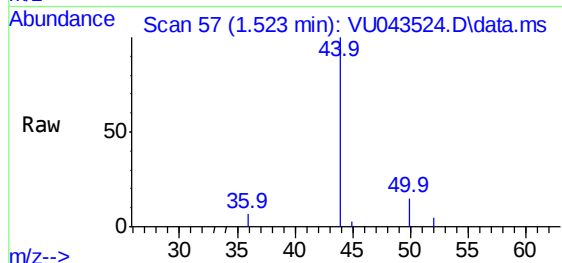




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

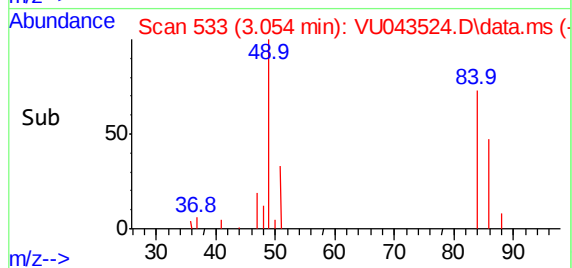
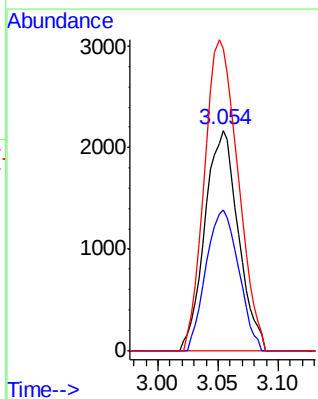
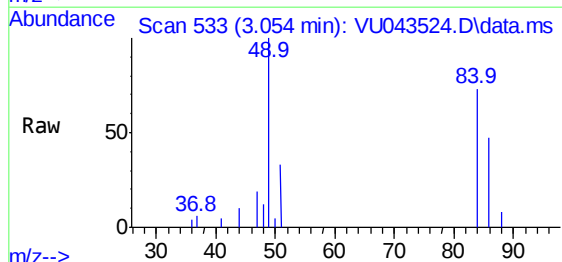
Instrument :
MSVOA_U
ClientSampleId :
VSTD005159

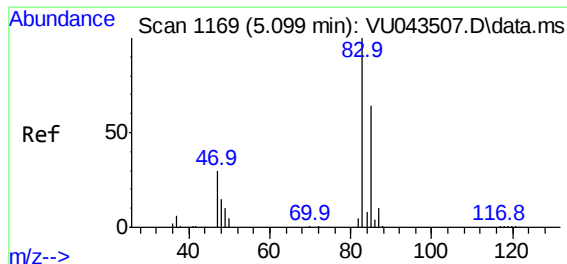
Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 36.6 22.1 41.1



#16
Methylene chloride
Concen: 0.55 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 84 Resp: 4075
Ion Ratio Lower Upper
84 100
86 63.8 45.6 84.6
49 137.1 107.0 198.8

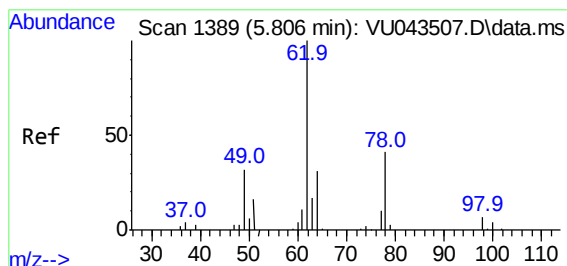
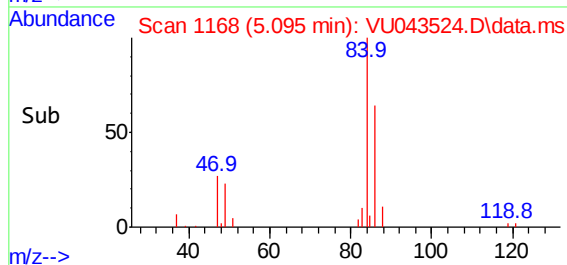
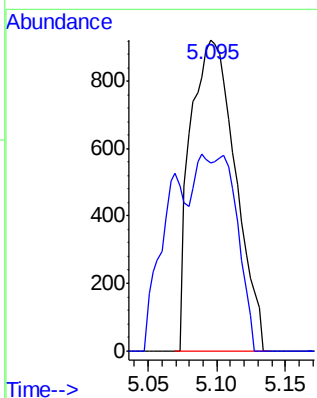
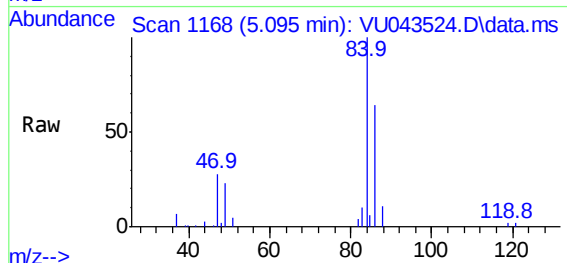




#25
Chloroform
Concen: 0.17 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

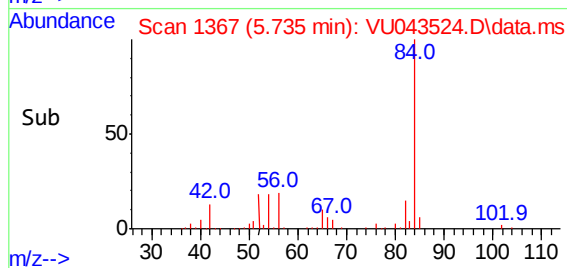
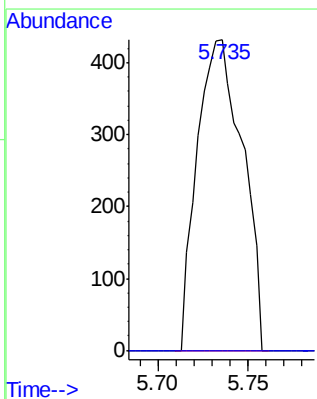
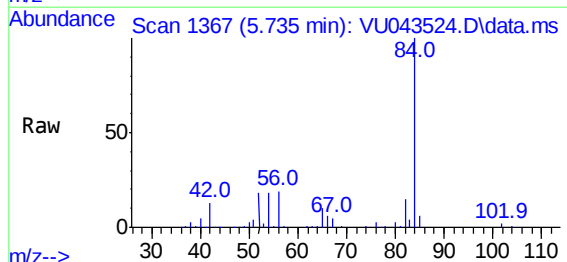
Instrument :
MSVOA_U
ClientSampleId :
VSTD005159

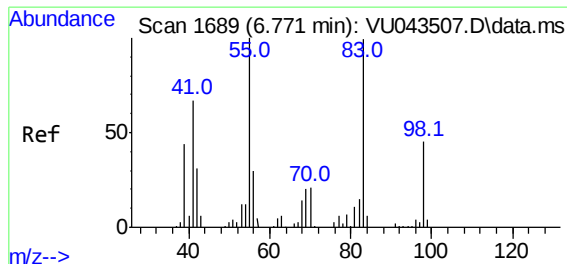
Tgt Ion: 83 Resp: 2084
Ion Ratio Lower Upper
83 100
85 60.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 62 Resp: 750
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

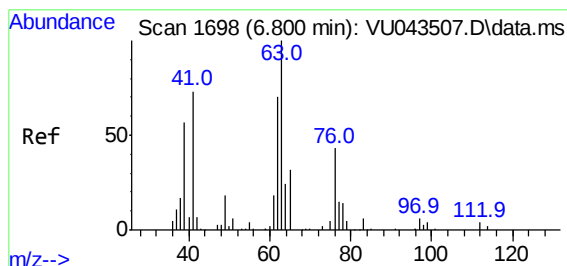
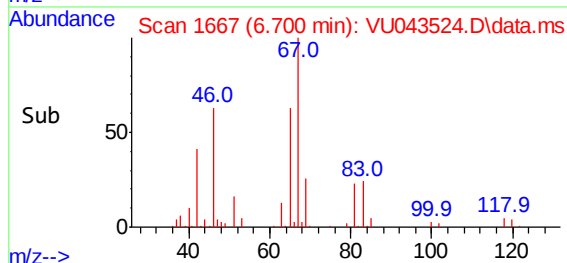
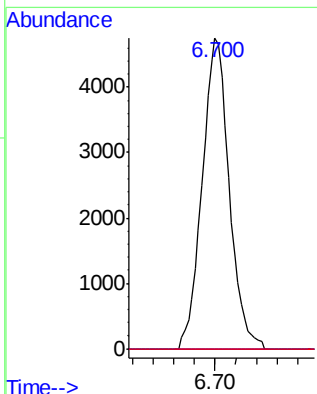
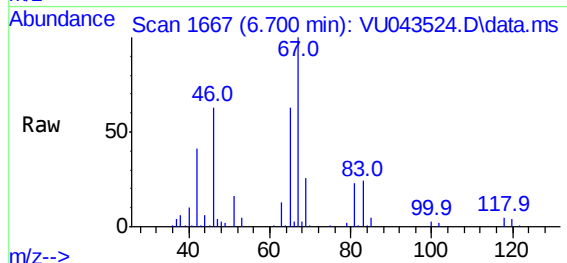




#35
Methylcyclohexane
Concen: 1.19 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

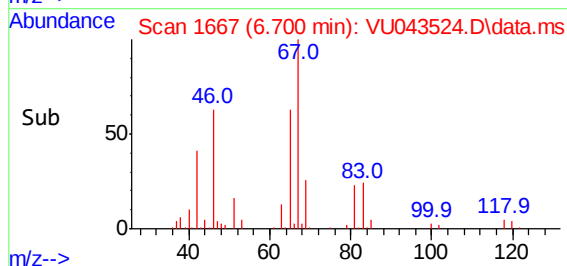
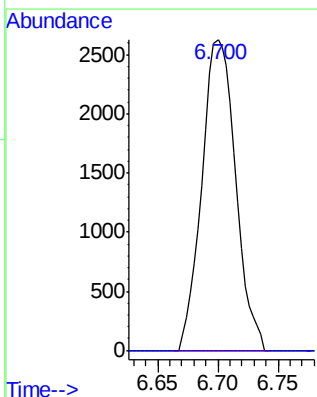
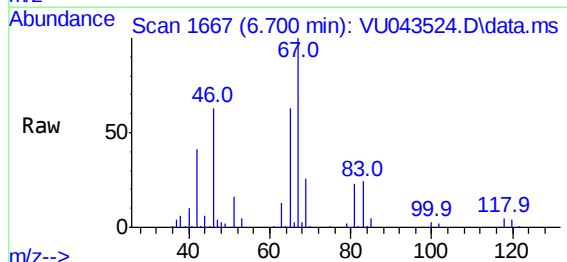
Instrument :
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ClientSampleId :
VSTD005159

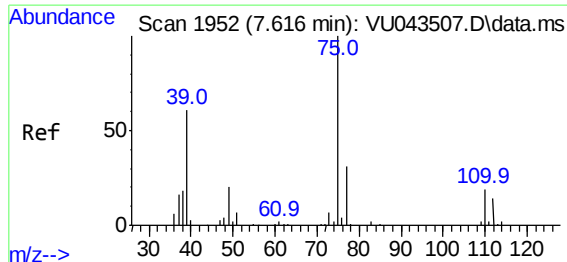
Tgt Ion: 83 Resp: 8610
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.5 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 63 Resp: 4999
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

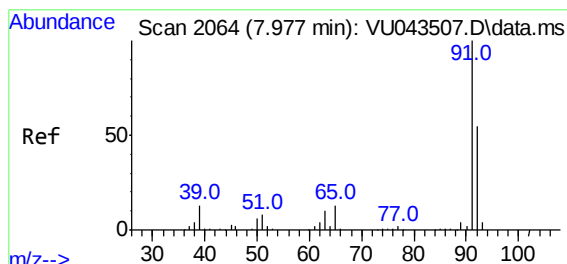
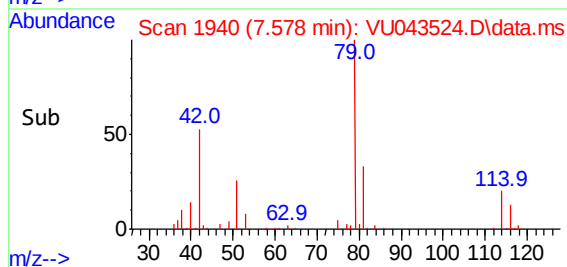
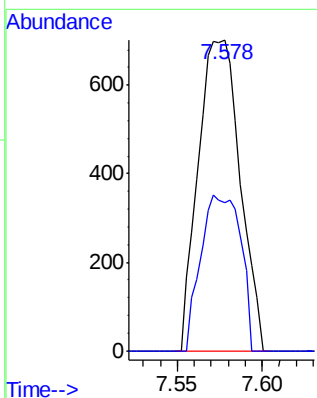
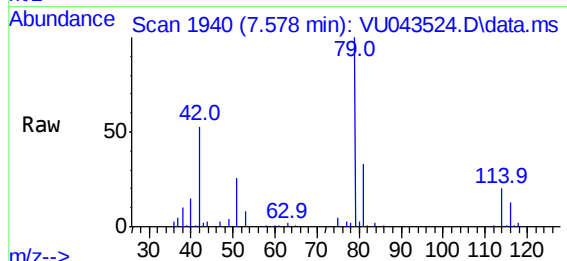




#39
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

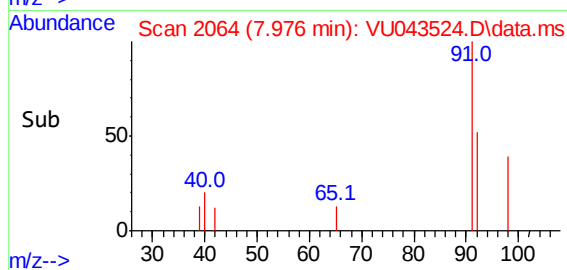
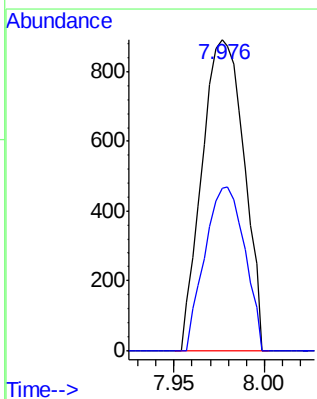
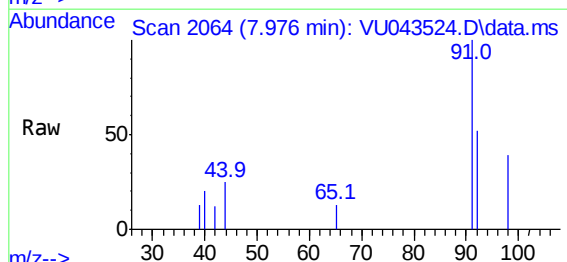
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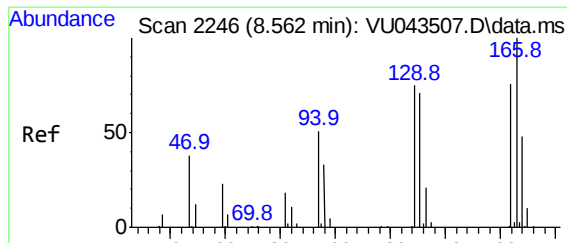
Tgt Ion: 75 Resp: 1205
Ion Ratio Lower Upper
75 100
77 47.7 21.9 40.7#



#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 91 Resp: 1438
Ion Ratio Lower Upper
91 100
92 52.4 39.1 72.5



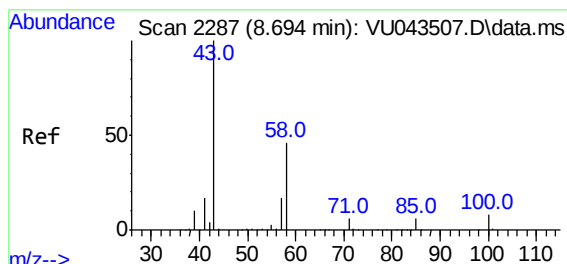
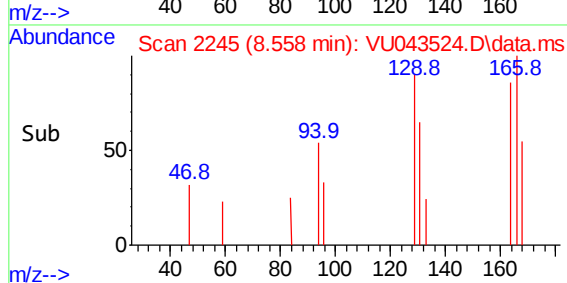
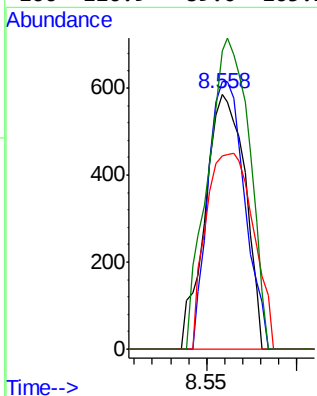
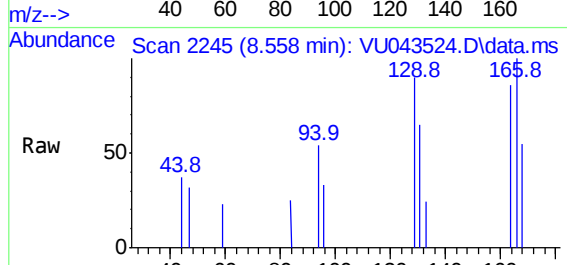


#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Instrument :
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ClientSampleId :
VSTD005159

Tgt Ion:164 Resp: 894

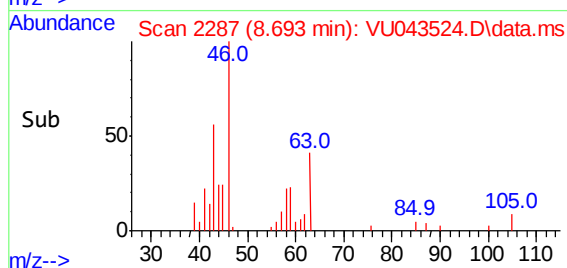
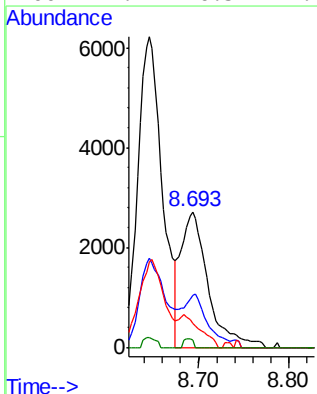
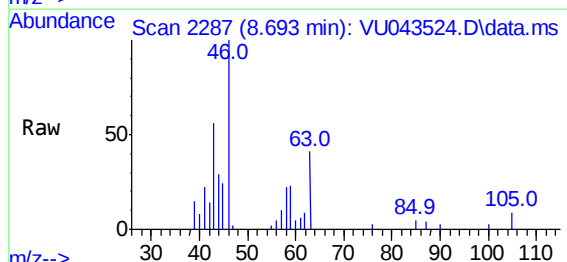
Ion	Ratio	Lower	Upper
164	100		
129	104.9	62.5	116.1
131	75.9	64.9	120.5
166	116.9	89.0	165.2

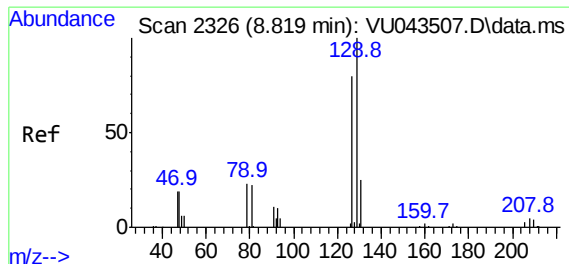


#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 43 Resp: 5709

Ion	Ratio	Lower	Upper
43	100		
58	33.4	36.8	55.2#
57	19.1	13.2	19.8
100	2.1	6.5	9.7#

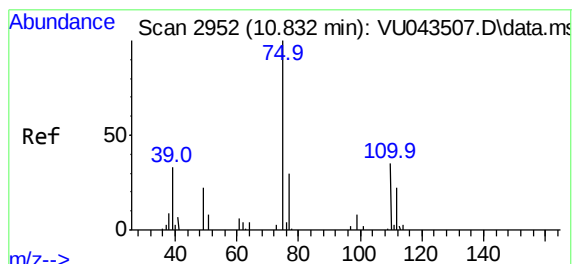
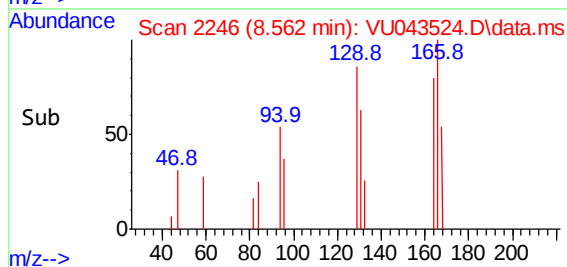
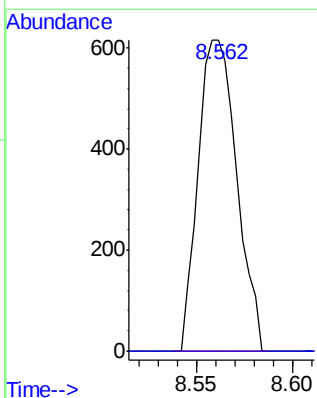
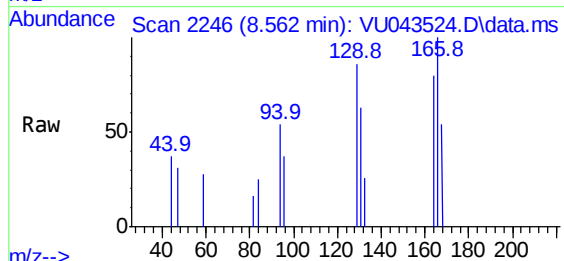




#49
Dibromochloromethane
Concen: 0.16 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Instrument :
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Tgt Ion: 129 Resp: 861
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.22 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043524.D
Acq: 04 May 2021 16:14

Tgt Ion: 75 Resp: 4613
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 37.6 25.7 38.5

