

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043541.D
 Acq On : 04 May 2021 23:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: May 05 08:20:34 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	6.260	114	85421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	86158	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46671	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29486	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.916	69	23150	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.572	65	14735	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.655	46	128653	60.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.66%
24) Chloroform-d	5.073	84	64550	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.713	65	40550	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.739	84	113000	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	39882	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	104746	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.185	79	15642	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	79417	57.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34697	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	38299	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	30536	5.28	ug/L	99
3) Chloromethane	1.520	50	31453	5.16	ug/L	98
5) Vinyl chloride	1.607	62	30837	5.33	ug/L	99
6) Bromomethane	1.861	94	16248	5.94	ug/L	99
8) Chloroethane	1.938	64	20055	5.37	ug/L	100
9) Trichlorofluoromethane	2.141	101	50117	5.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29369	5.28	ug/L	99
12) 1,1-Dichloroethene	2.584	96	25577	5.36	ug/L	90
13) Acetone	2.668	43	89429	62.89	ug/L	99
14) Carbon disulfide	2.797	76	61317	5.13	ug/L	100
15) Methyl Acetate	2.970	43	18504	5.71	ug/L	100
16) Methylene chloride	3.054	84	33096	4.33	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	78334	5.61	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	26840	5.39	ug/L	96
19) 1,1-Dichloroethane	3.880	63	65334	5.52	ug/L	98
21) 2-Butanone	4.735	43	142178	62.36	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	31020	5.30	ug/L	98
23) Bromochloromethane	4.986	128	14761	5.67	ug/L	89
25) Chloroform	5.099	83	67473	5.35	ug/L	97
27) 1,2-Dichloroethane	5.806	62	47777	5.58	ug/L	99

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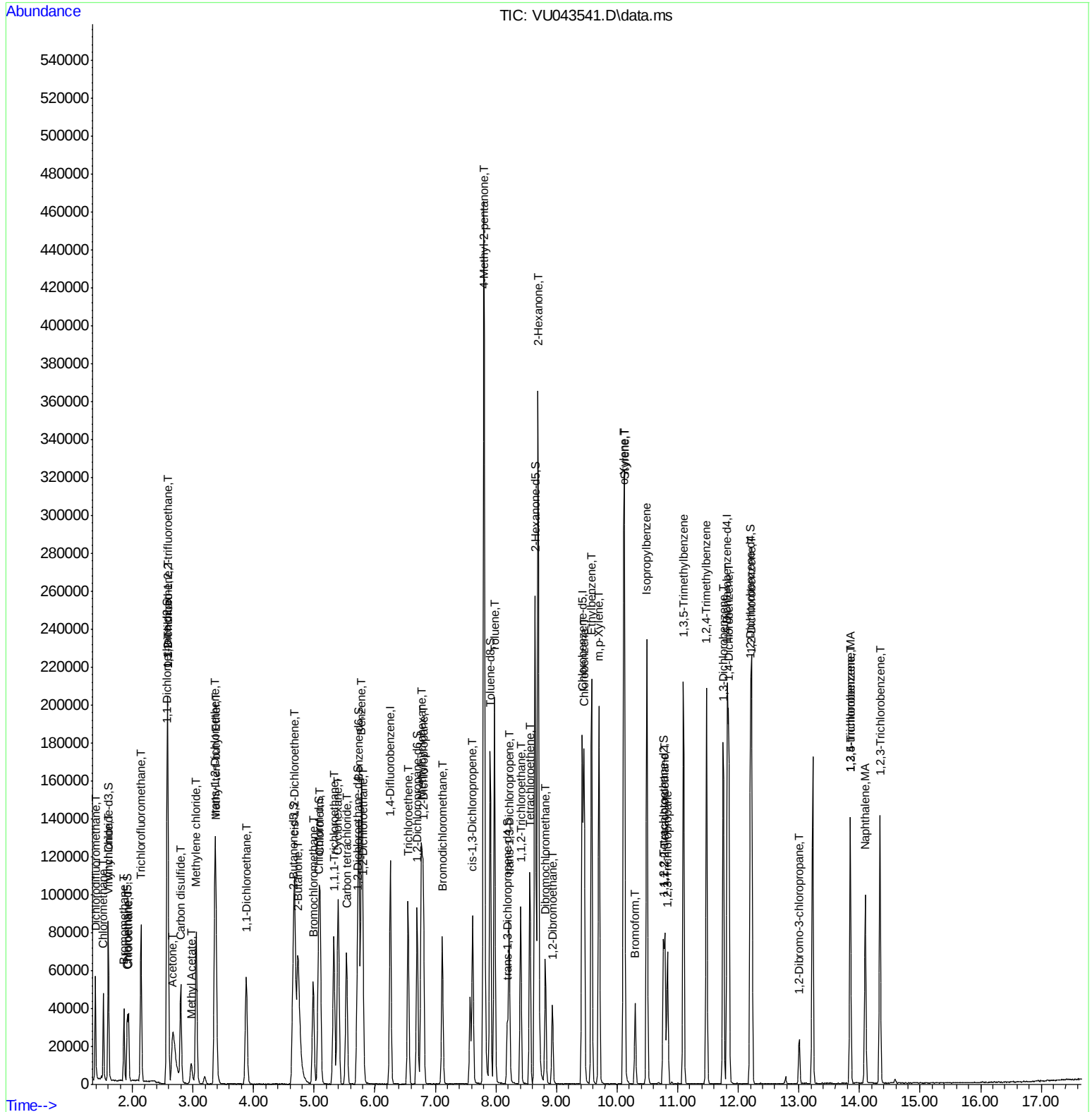
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

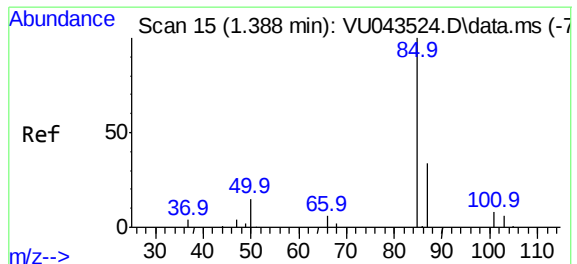
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	54612	5.39	ug/L	99
30) Cyclohexane	5.395	56	42819	5.30	ug/L	97
31) Carbon tetrachloride	5.533	117	43979	5.30	ug/L	99
33) Benzene	5.784	78	125410	5.52	ug/L	100
34) Trichloroethene	6.549	95	31964	5.52	ug/L	96
35) Methylcyclohexane	6.771	83	37997	5.07	ug/L	100
37) 1,2-Dichloropropane	6.800	63	37405	5.52	ug/L	100
38) Bromodichloromethane	7.115	83	48326	5.50	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	45399	5.05	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	336393	60.67	ug/L	99
42) Toluene	7.976	91	133819	5.64	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	42639	5.21	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26299	5.62	ug/L	98
47) Tetrachloroethene	8.558	164	23060	5.40	ug/L	98
48) 2-Hexanone	8.694	43	259068	62.98	ug/L	99
49) Dibromochloromethane	8.819	129	30918	5.46	ug/L	95
50) 1,2-Dibromoethane	8.931	107	24102	5.53	ug/L	97
51) Chlorobenzene	9.456	112	81586	5.41	ug/L	99
52) Ethylbenzene	9.578	91	136408	5.42	ug/L	100
53) m,p-Xylene	9.700	106	50241	5.49	ug/L	97
54) o-Xylene	10.108	106	49884	5.61	ug/L	100
55) Styrene	10.121	104	88697	5.70	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	35088	5.56	ug/L	96
59) Bromoform	10.298	173	18269	5.38	ug/L	99
60) Isopropylbenzene	10.491	105	134120	5.27	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	26359	5.58	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	103615	5.18	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	105812	5.29	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	67087	5.32	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	66062	5.10	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	64489	5.08	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	5868	5.21	ug/L	96
69) 1,3,5-Trichlorobenzene	13.848	180	40450	4.05	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	40450	4.92	ug/L	98
71) Naphthalene	14.095	128	71906	5.07	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	40673	5.27	ug/L	98

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

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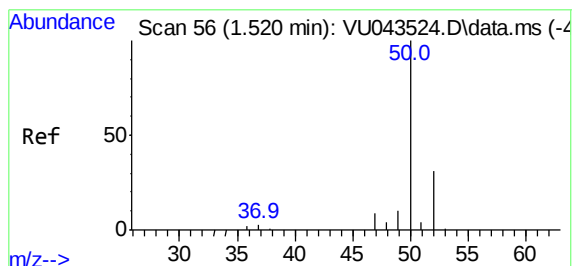
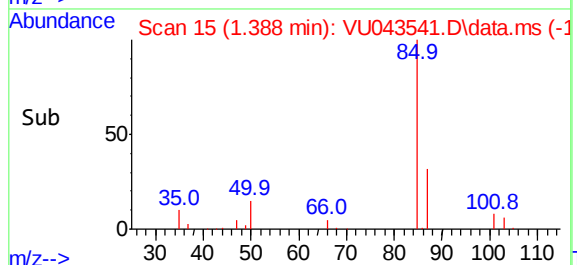
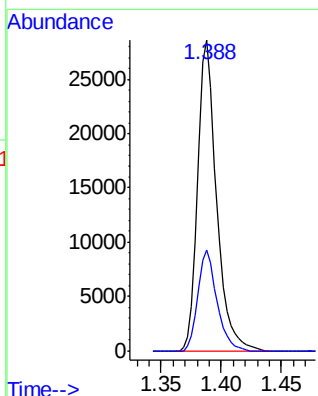
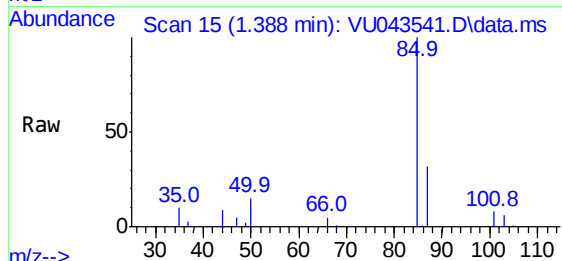




#2
Dichlorodifluoromethane
Concen: 5.28 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

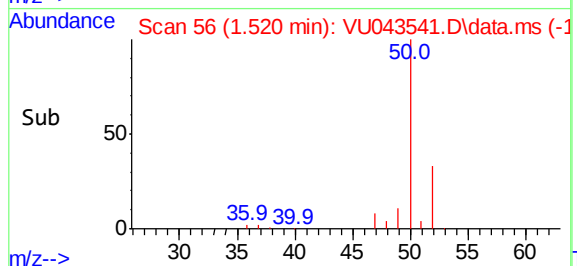
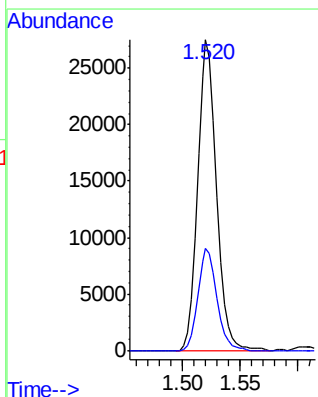
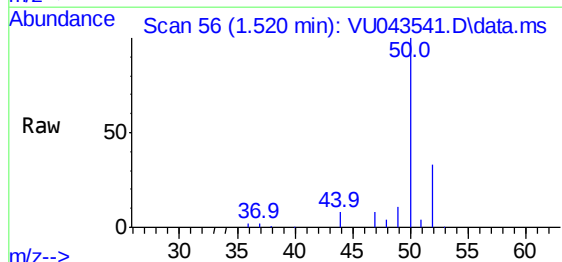
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

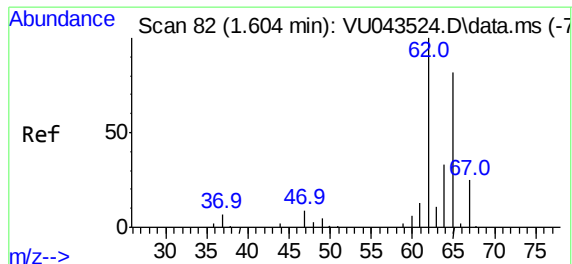
Tgt Ion: 85 Resp: 30536
Ion Ratio Lower Upper
85 100
87 32.4 26.6 39.8



#3
Chloromethane
Concen: 5.16 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 50 Resp: 31453
Ion Ratio Lower Upper
50 100
52 32.9 22.1 41.1

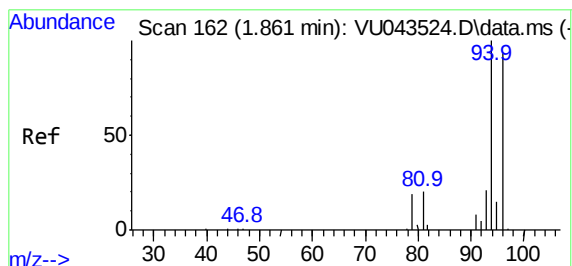
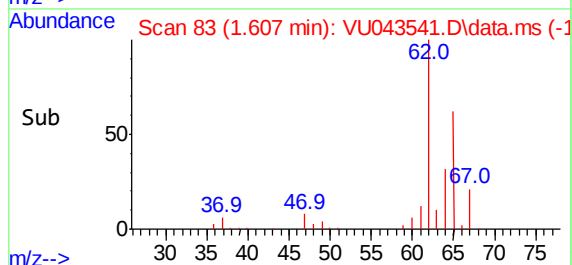
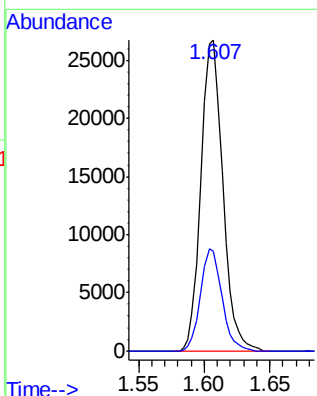
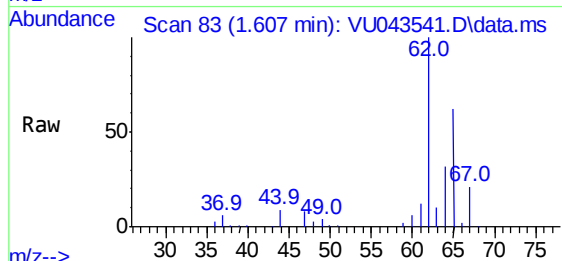




#5
 Vinyl chloride
 Concen: 5.33 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

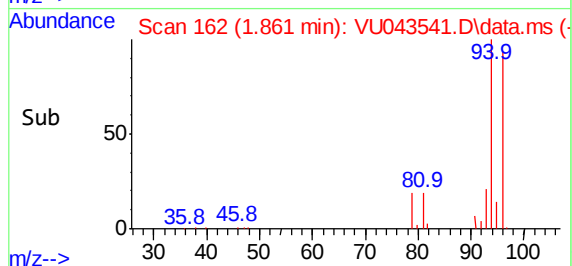
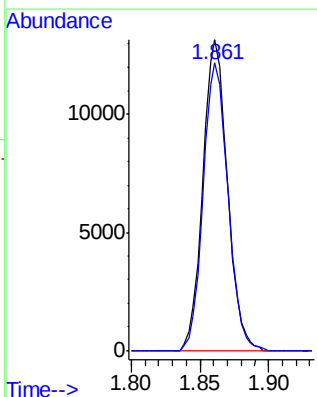
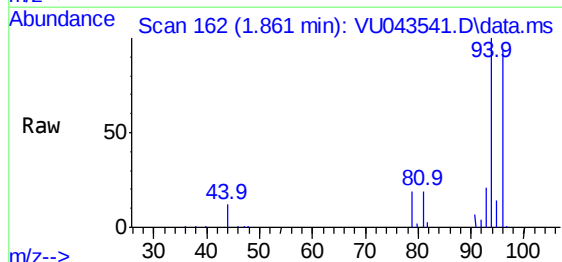
Instrument :
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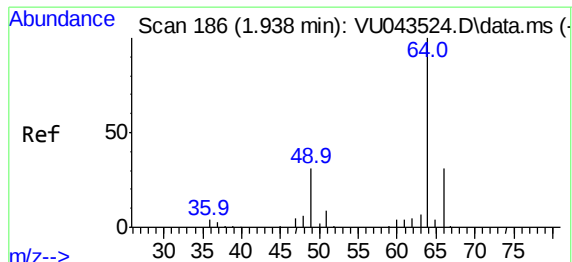
Tgt Ion: 62 Resp: 30837
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.3



#6
 Bromomethane
 Concen: 5.94 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Tgt Ion: 94 Resp: 16248
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

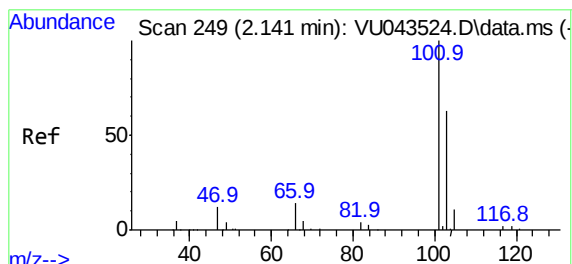
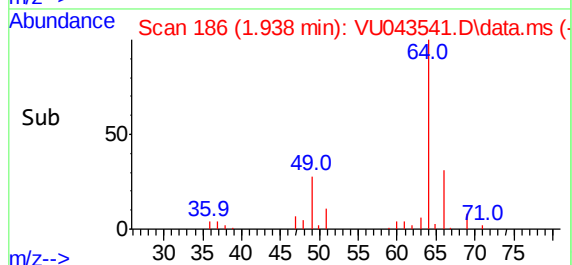
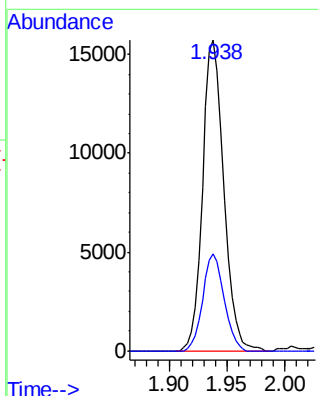
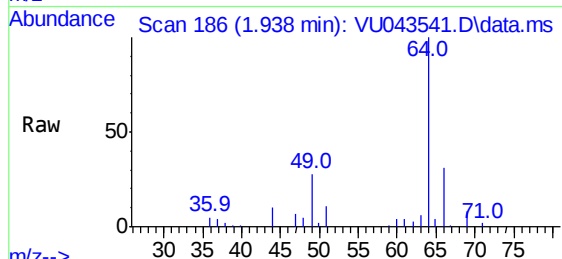




#8
Chloroethane
Concen: 5.37 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

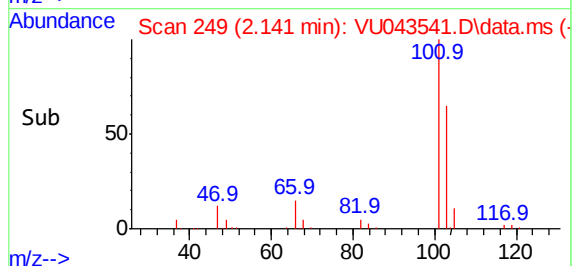
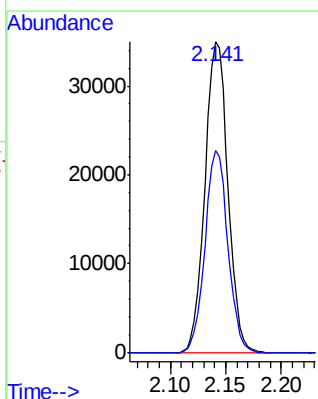
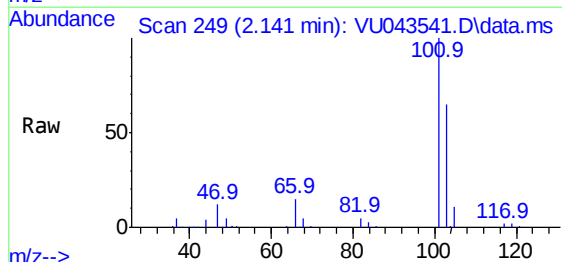
Instrument :
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VSTD005195

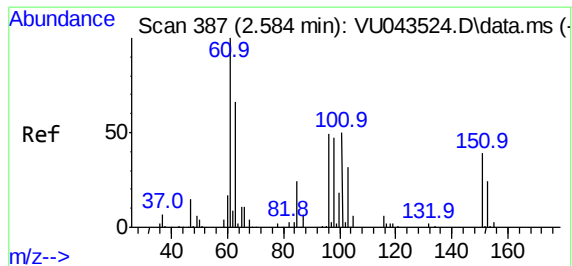
Tgt Ion: 64 Resp: 20055
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.56 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:101 Resp: 50117
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8



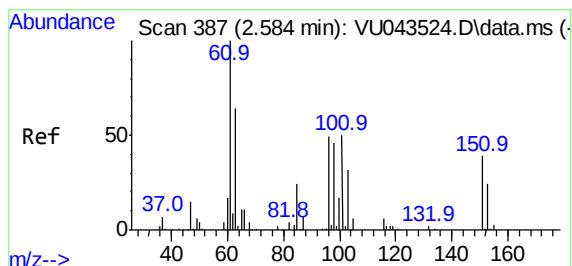
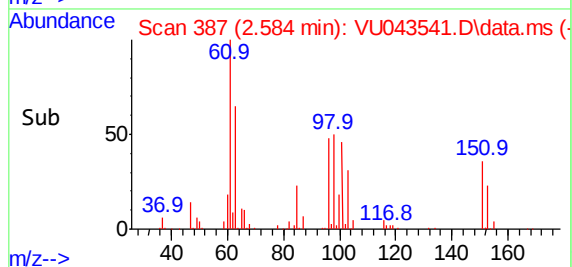
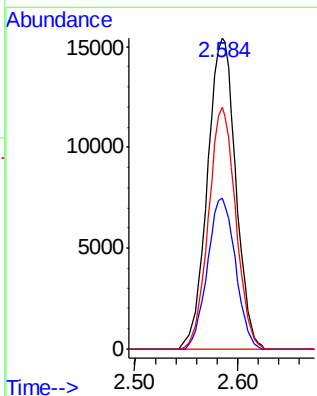
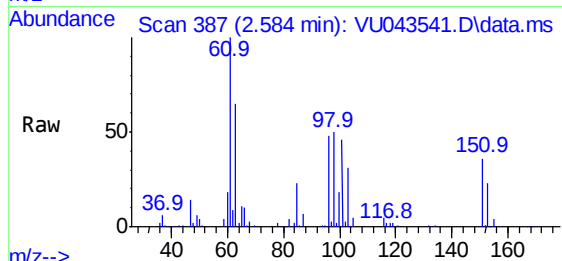


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.28 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Tgt Ion:101 Resp: 29369

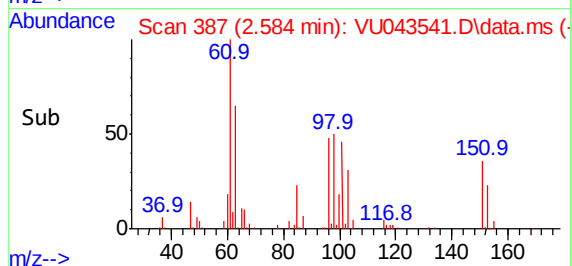
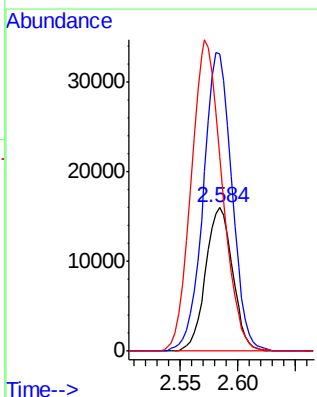
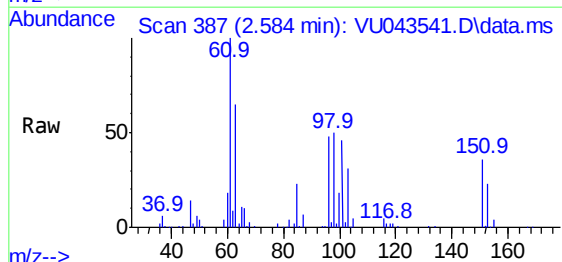
Ion	Ratio	Lower	Upper
101	100		
85	47.9	38.5	57.7
151	74.7	58.5	87.7

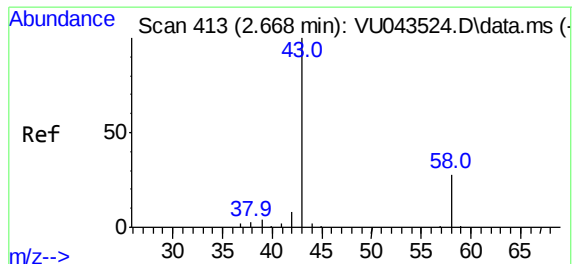


#12
 1,1-Dichloroethene
 Concen: 5.36 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Tgt Ion: 96 Resp: 25577

Ion	Ratio	Lower	Upper
96	100		
61	208.2	141.2	262.2
63	136.2	111.1	206.3

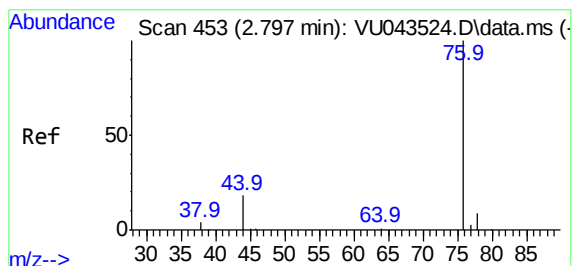
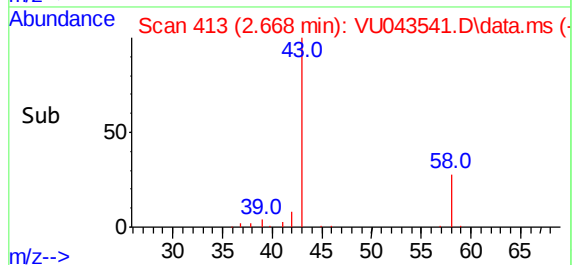
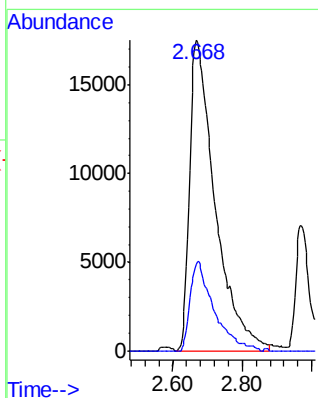
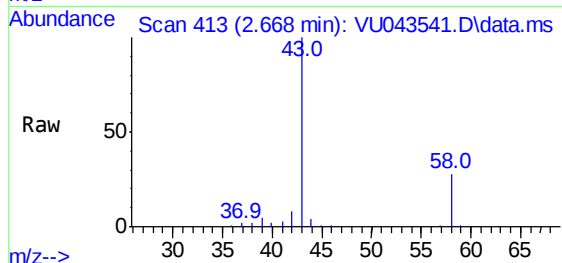




#13
Acetone
Concen: 62.89 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

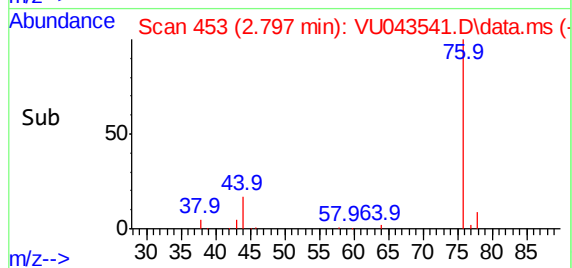
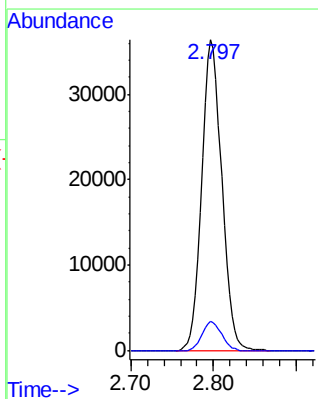
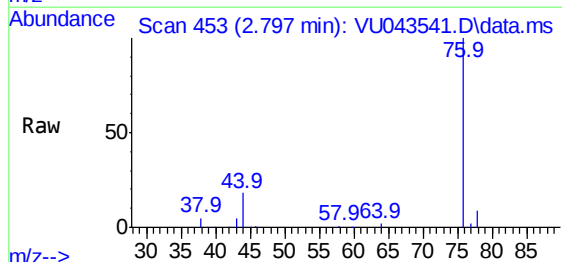
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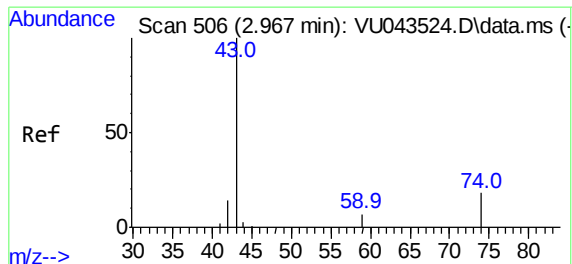
Tgt Ion: 43 Resp: 89429
Ion Ratio Lower Upper
43 100
58 26.0 0.0 50.8



#14
Carbon disulfide
Concen: 5.13 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 76 Resp: 61317
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

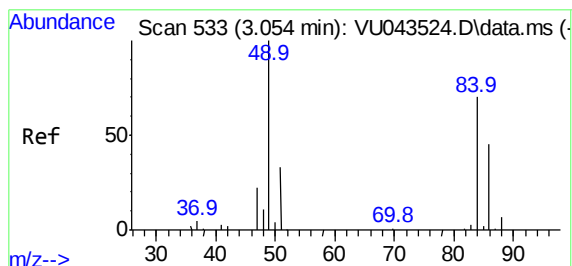
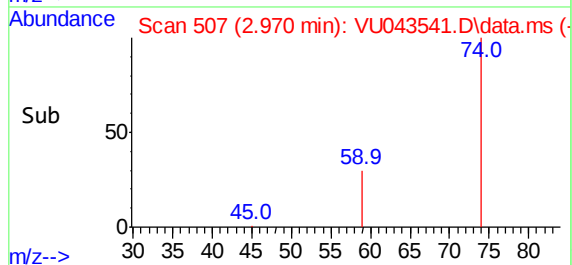
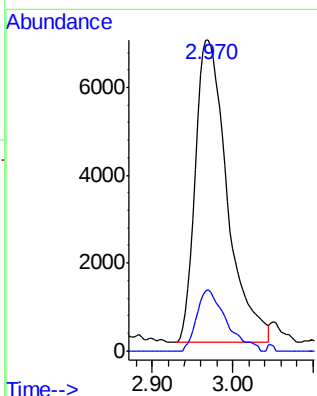
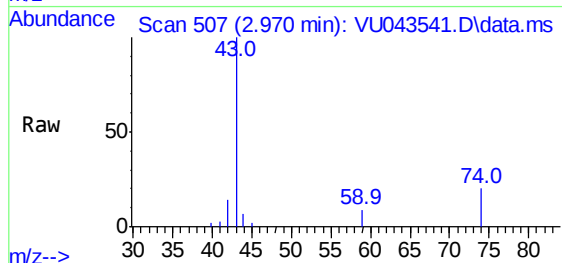




#15
Methyl Acetate
Concen: 5.71 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

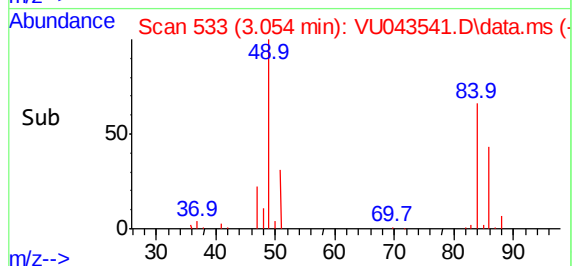
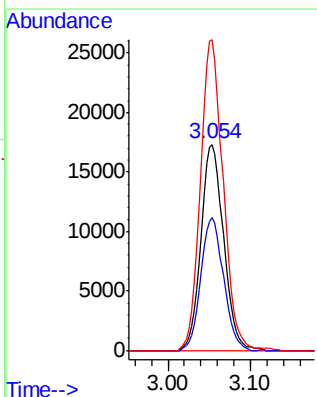
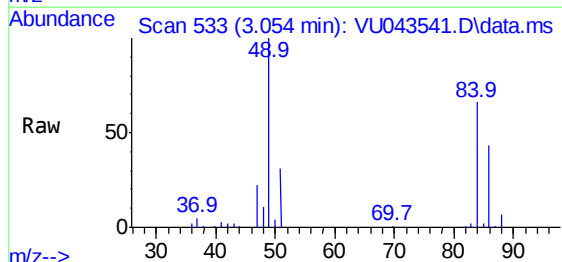
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

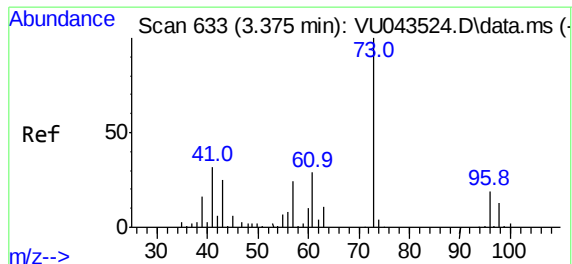
Tgt Ion: 43 Resp: 18504
Ion Ratio Lower Upper
43 100
74 18.8 15.2 22.8



#16
Methylene chloride
Concen: 4.33 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 84 Resp: 33096
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 150.7 107.0 198.8

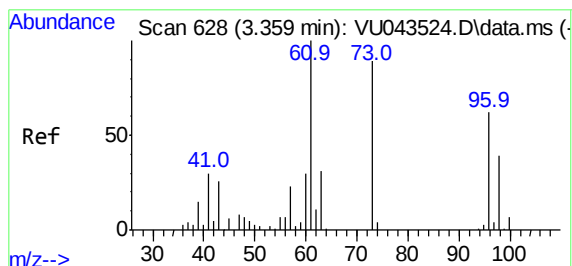
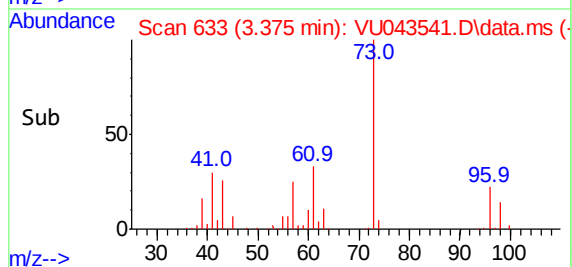
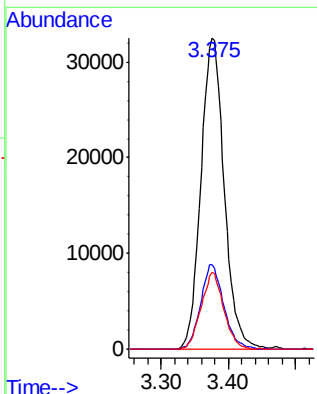
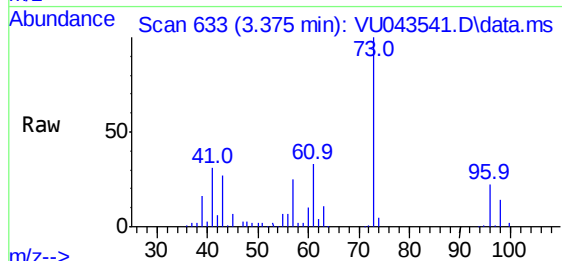




#17
Methyl tert-butyl Ether
Concen: 5.61 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

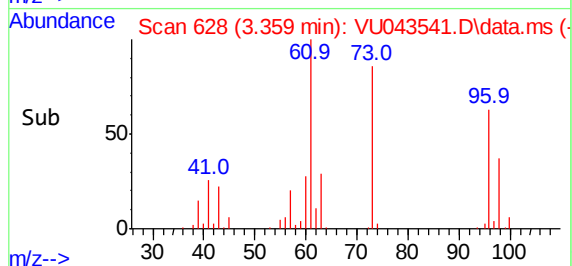
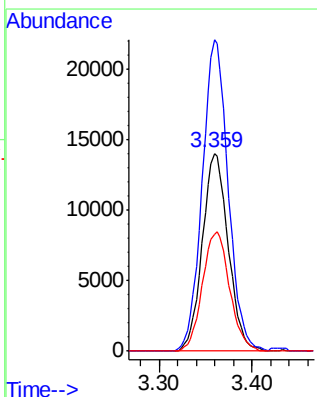
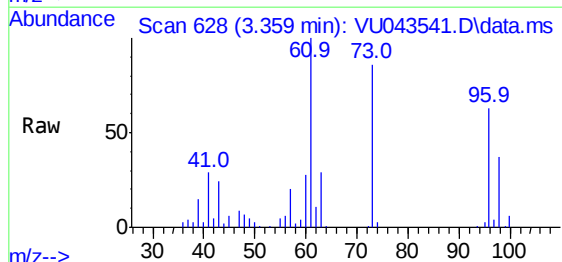
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

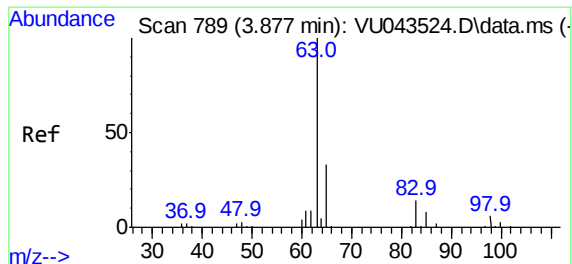
Tgt Ion: 73 Resp: 78334
Ion Ratio Lower Upper
73 100
43 26.7 20.6 30.8
57 23.6 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.39 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 96 Resp: 26840
Ion Ratio Lower Upper
96 100
61 157.8 113.5 210.9
98 59.0 45.4 84.2

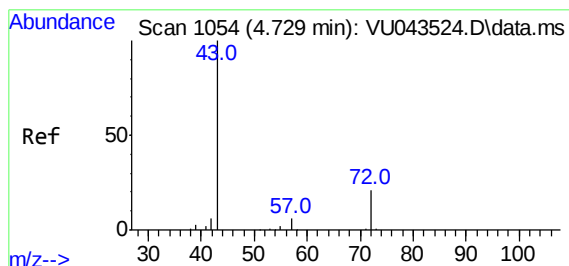
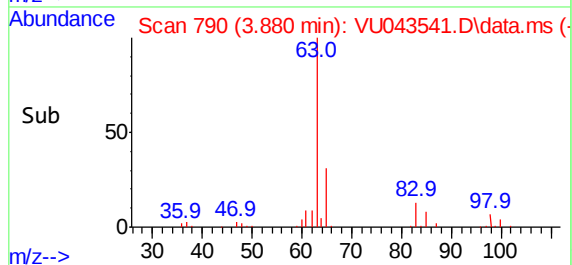
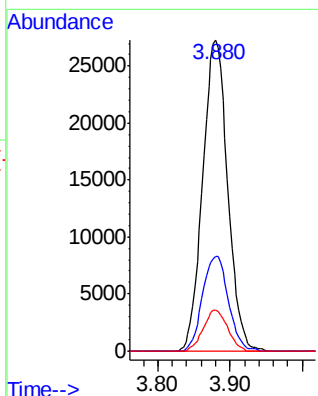
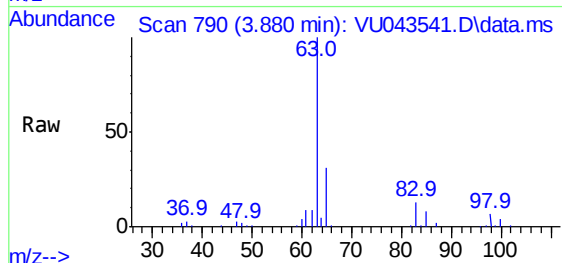




#19
1,1-Dichloroethane
Concen: 5.52 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

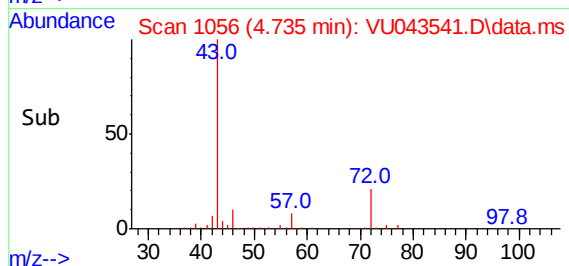
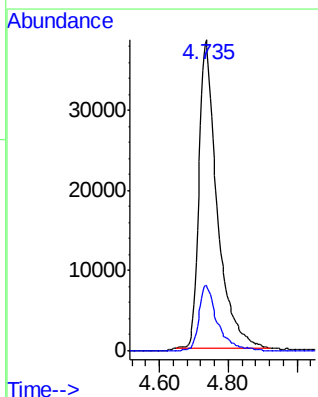
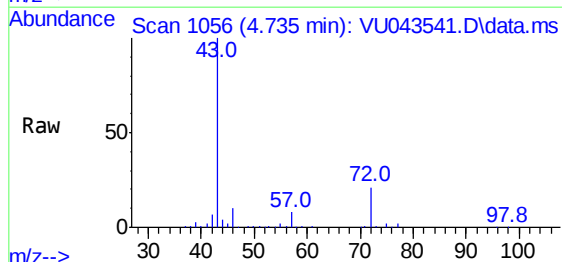
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

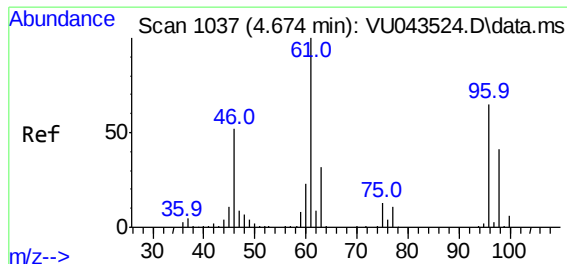
Tgt Ion: 63 Resp: 65334
Ion Ratio Lower Upper
63 100
65 30.5 22.7 42.1
83 13.3 9.4 17.4



#21
2-Butanone
Concen: 62.36 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 43 Resp: 142178
Ion Ratio Lower Upper
43 100
72 20.8 10.8 32.4



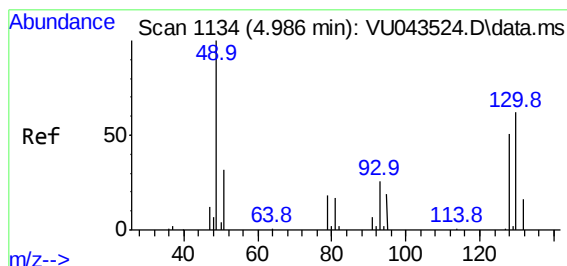
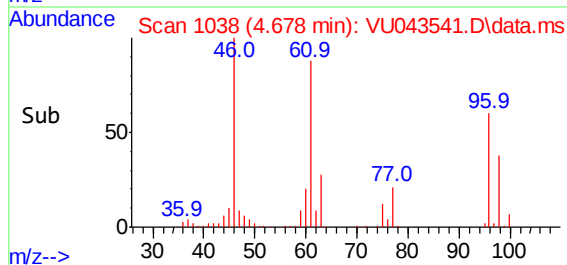
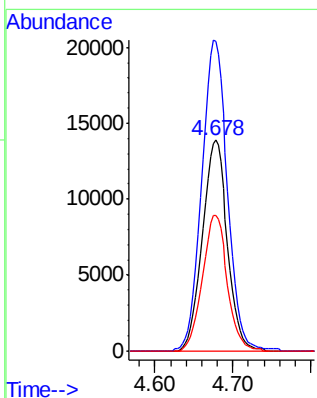
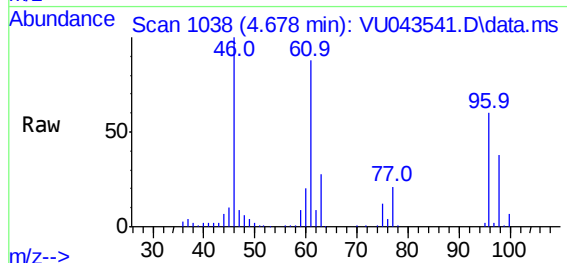


#22
 cis-1,2-Dichloroethene
 Concen: 5.30 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Tgt Ion: 96 Resp: 31020

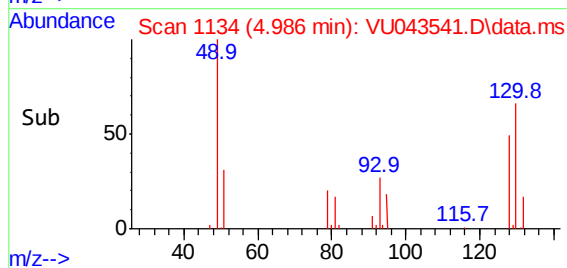
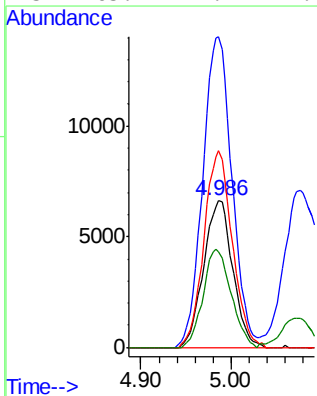
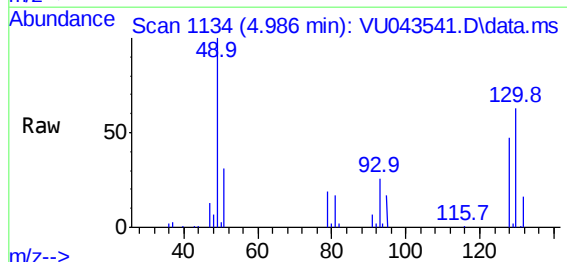
Ion	Ratio	Lower	Upper
96	100		
61	147.3	102.8	190.8
98	64.4	42.8	79.6

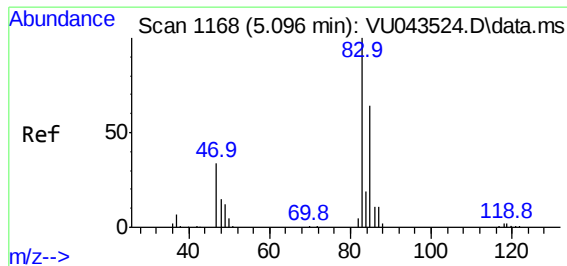


#23
 Bromochloromethane
 Concen: 5.67 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.000 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Tgt Ion: 128 Resp: 14761

Ion	Ratio	Lower	Upper
128	100		
49	211.9	134.2	249.2
130	134.1	87.2	162.0
51	65.7	49.4	74.0

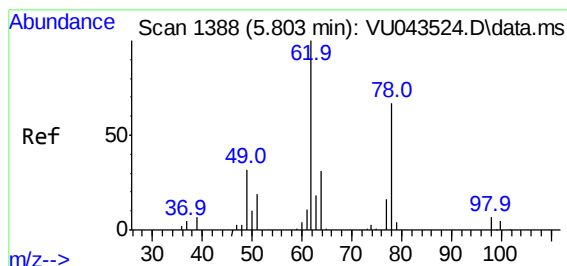
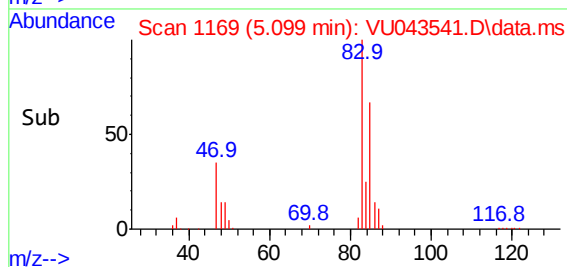
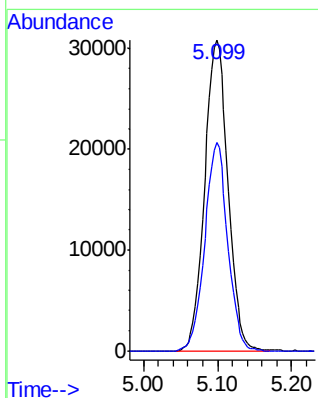
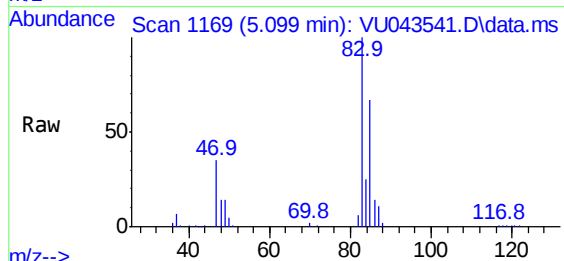




#25
Chloroform
Concen: 5.35 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

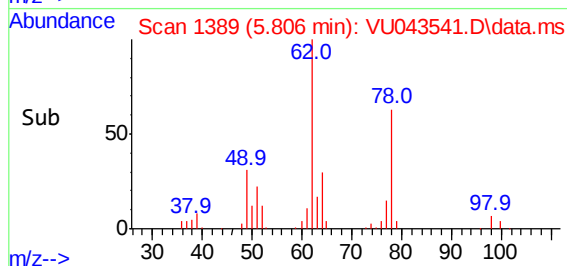
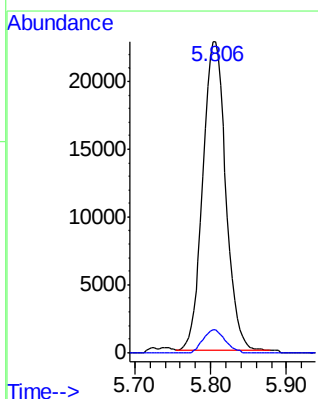
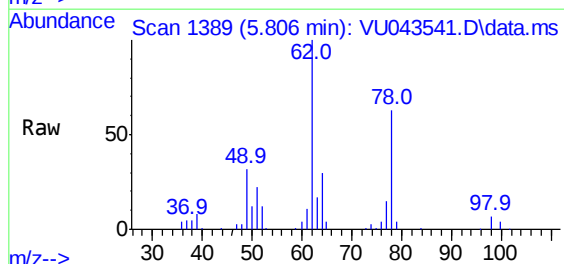
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

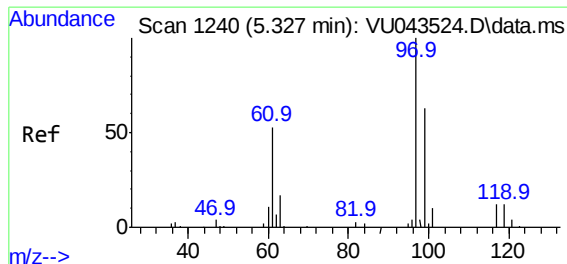
Tgt Ion: 83 Resp: 67473
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.58 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 62 Resp: 47777
Ion Ratio Lower Upper
62 100
98 7.2 6.1 9.1

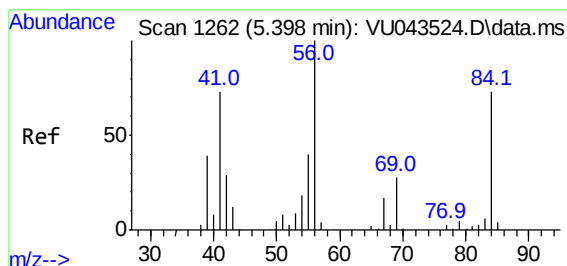
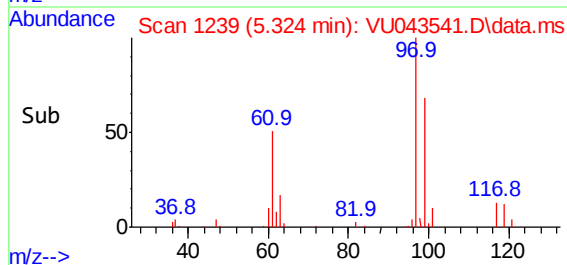
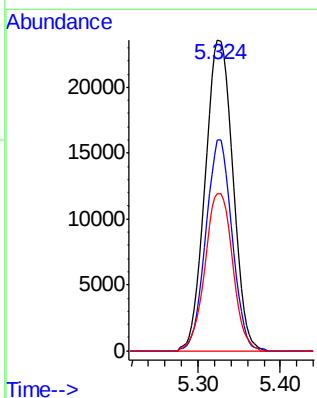
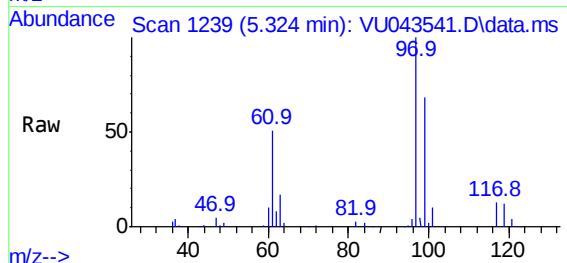




#29
1,1,1-Trichloroethane
Concen: 5.39 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

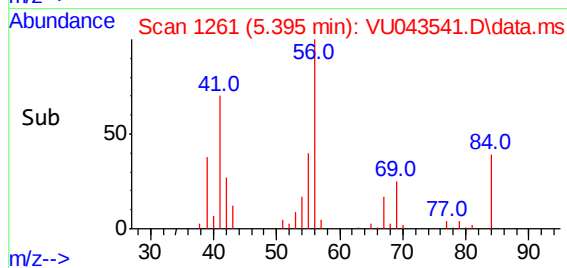
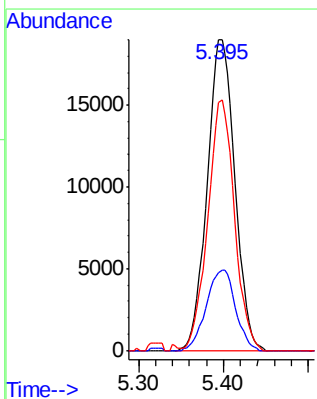
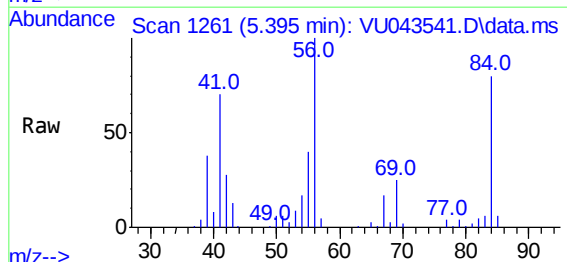
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

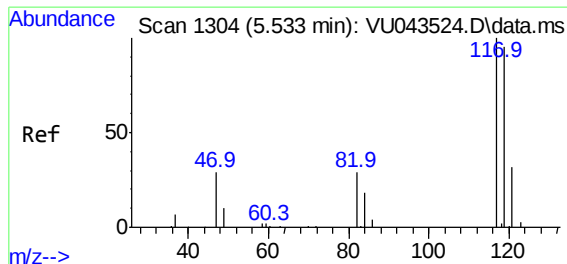
Tgt Ion: 97 Resp: 54612
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 50.5 39.8 59.8



#30
Cyclohexane
Concen: 5.30 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 56 Resp: 42819
Ion Ratio Lower Upper
56 100
69 27.4 23.0 34.4
84 77.7 60.3 90.5

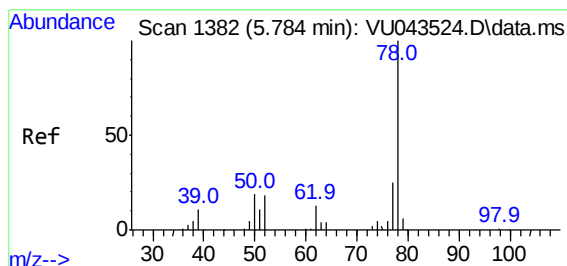
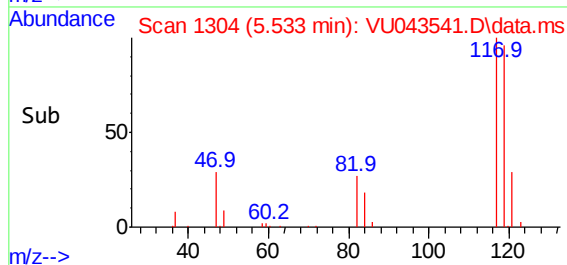
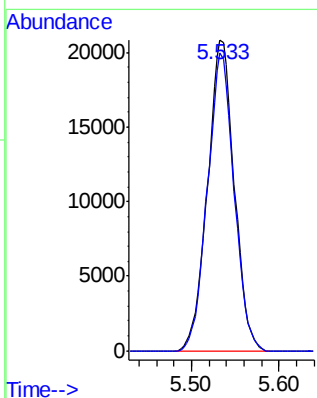
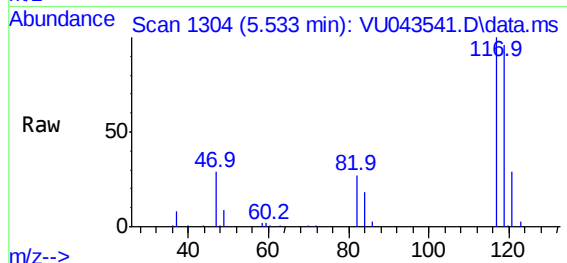




#31
Carbon tetrachloride
Concen: 5.30 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

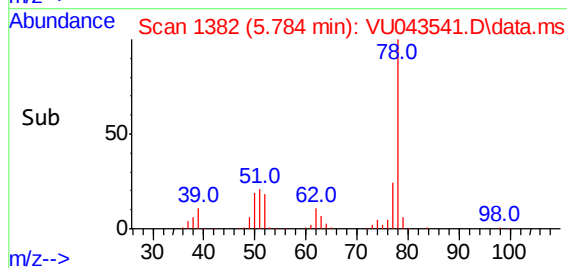
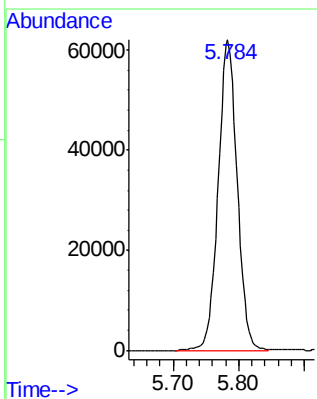
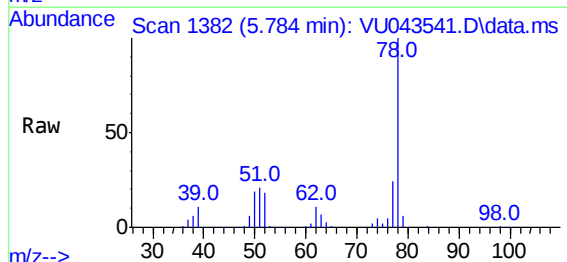
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

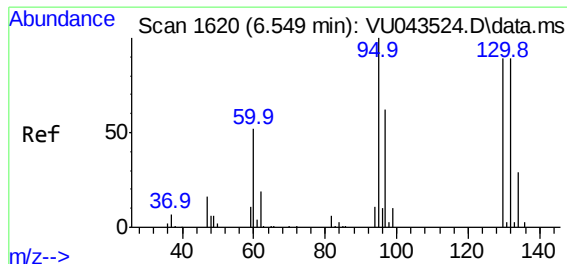
Tgt Ion:117 Resp: 43979
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6



#33
Benzene
Concen: 5.52 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 78 Resp: 125410



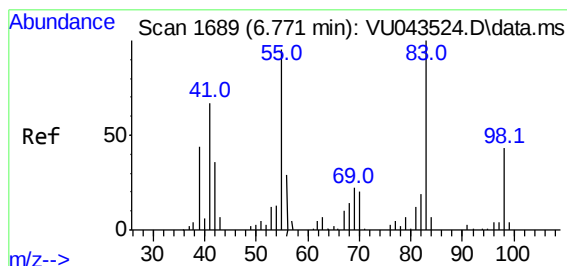
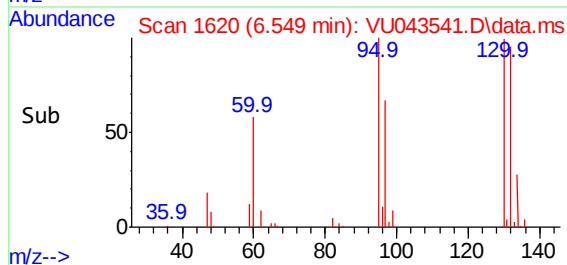
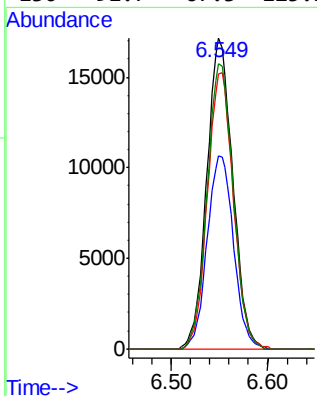
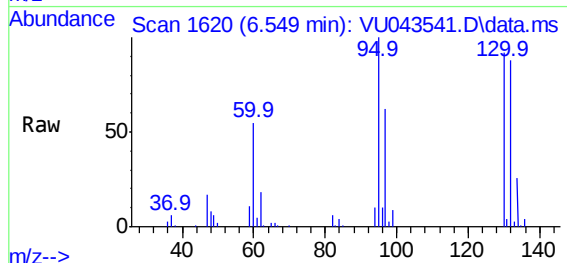


#34
Trichloroethene
Concen: 5.52 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

Tgt Ion: 95 Resp: 31964

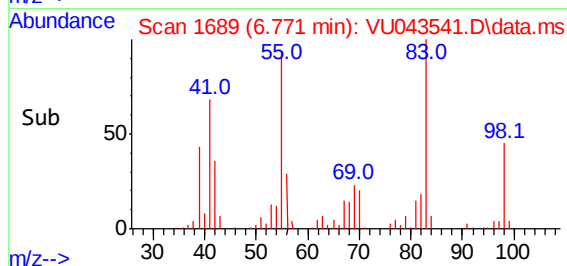
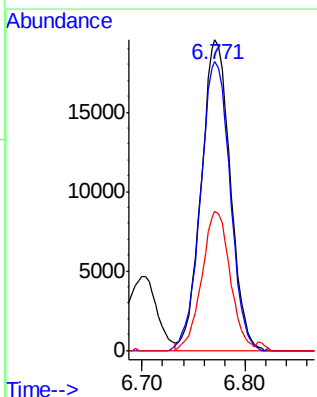
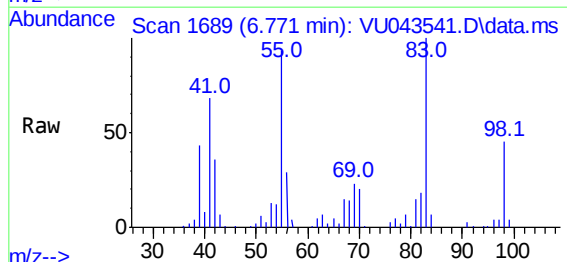
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.5	86.5
132	88.5	64.1	119.1
130	91.7	67.3	125.1

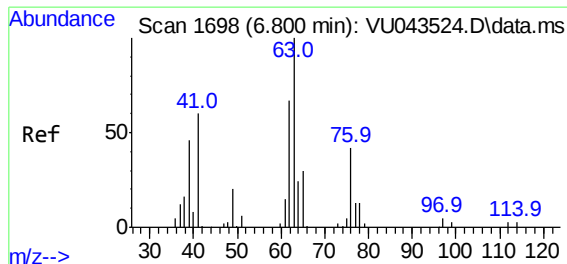


#35
Methylcyclohexane
Concen: 5.07 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 83 Resp: 37997

Ion	Ratio	Lower	Upper
83	100		
55	94.8	75.8	113.8
98	43.7	35.5	53.3

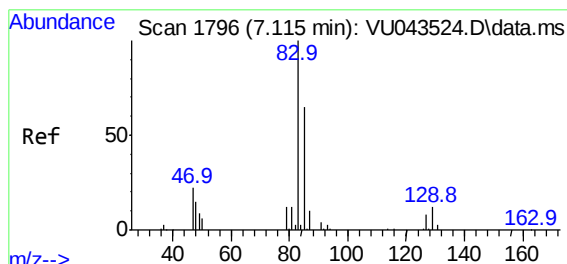
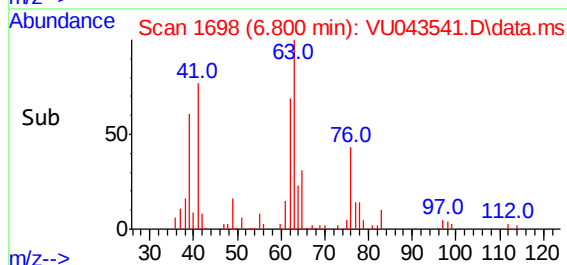
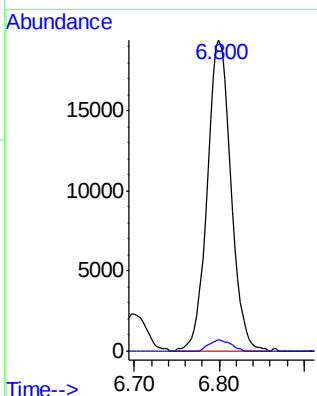
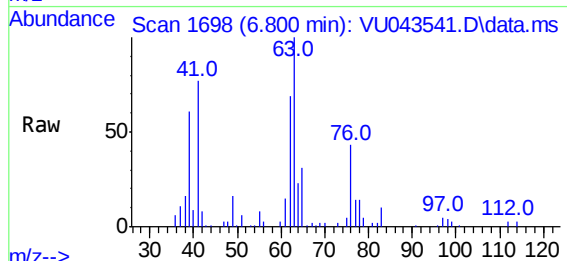




#37
1,2-Dichloropropane
Concen: 5.52 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

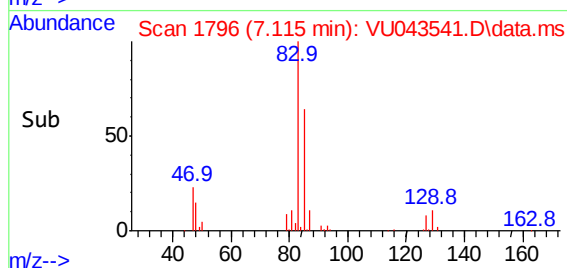
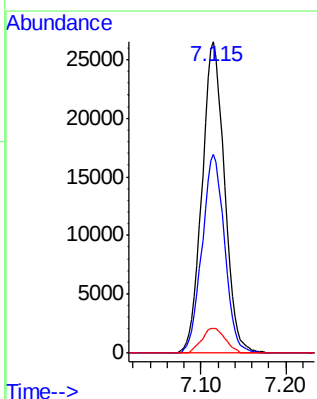
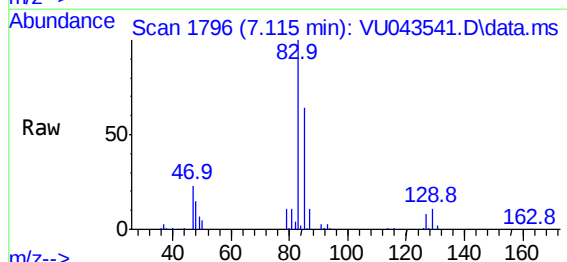
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

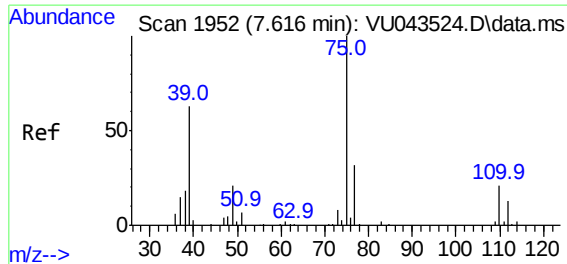
Tgt Ion: 63 Resp: 37405
Ion Ratio Lower Upper
63 100
112 3.1 2.6 3.8



#38
Bromodichloromethane
Concen: 5.50 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 83 Resp: 48326
Ion Ratio Lower Upper
83 100
85 63.9 43.3 80.5
127 7.7 6.2 9.4

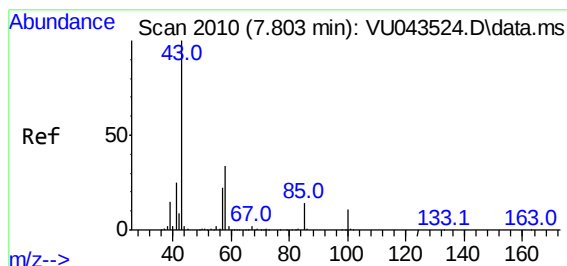
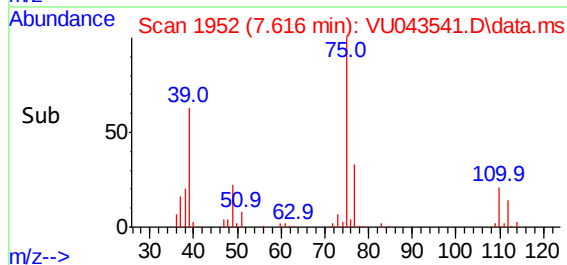
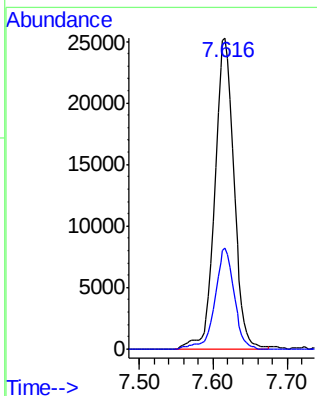
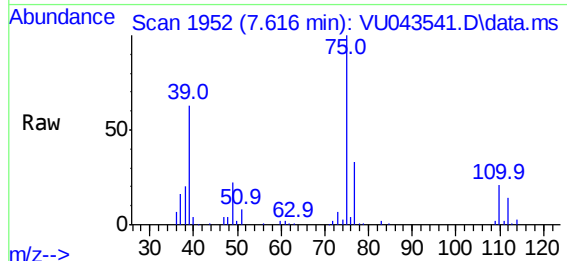




#39
cis-1,3-Dichloropropene
Concen: 5.05 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

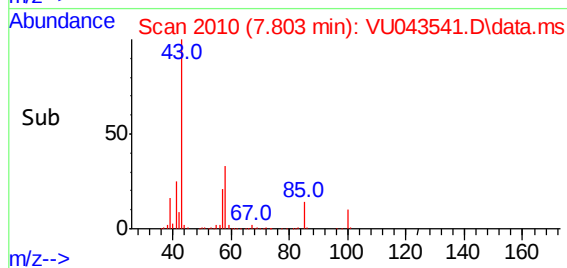
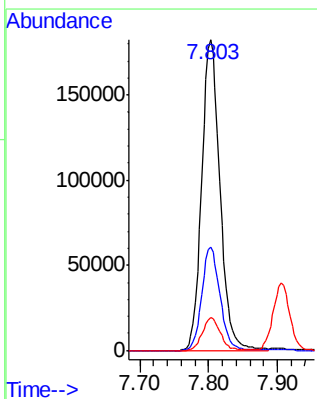
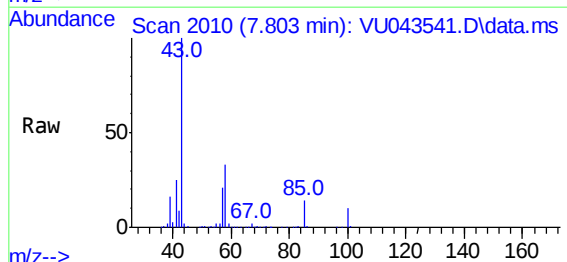
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

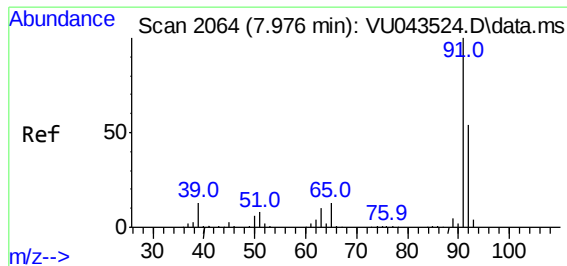
Tgt Ion: 75 Resp: 45399
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 60.67 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 43 Resp: 336393
Ion Ratio Lower Upper
43 100
58 33.1 26.9 40.3
100 10.4 8.6 13.0

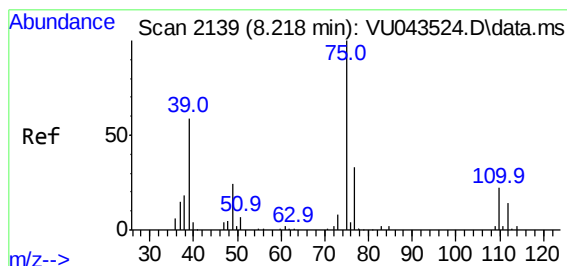
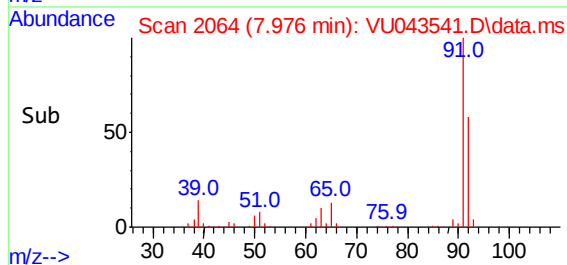
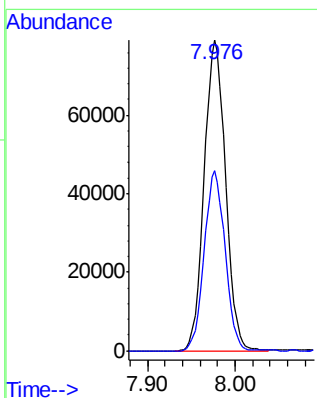
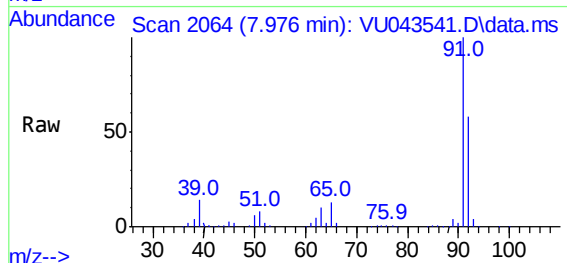




#42
Toluene
Concen: 5.64 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

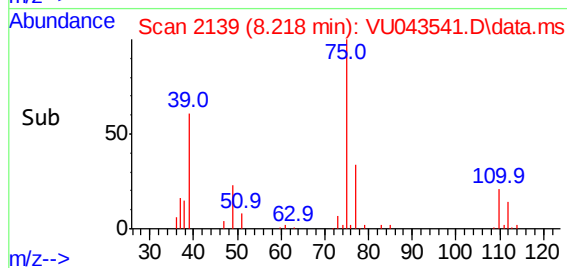
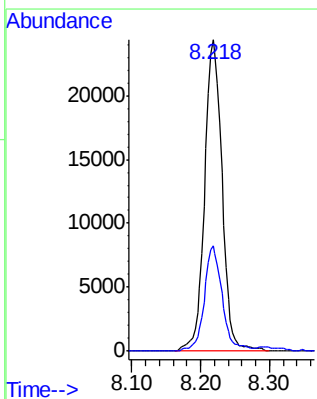
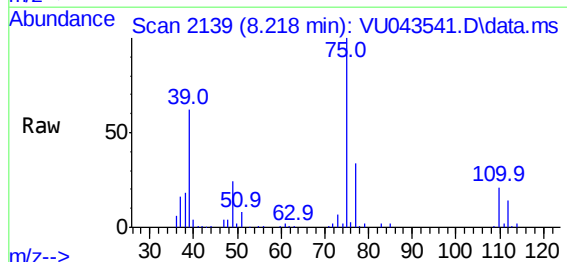
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

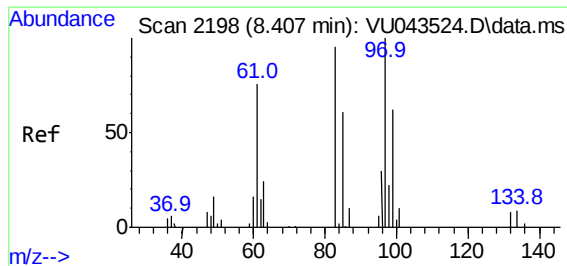
Tgt Ion: 91 Resp: 133819
Ion Ratio Lower Upper
91 100
92 57.9 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.21 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 75 Resp: 42639
Ion Ratio Lower Upper
75 100
77 33.6 23.3 43.3



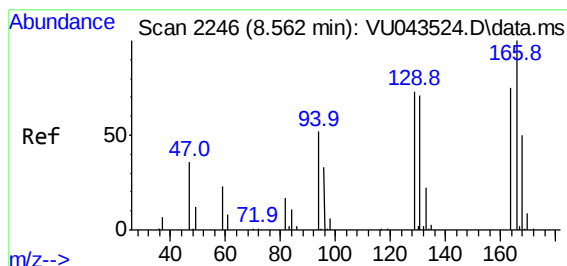
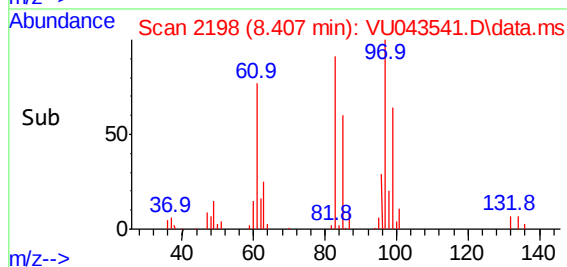
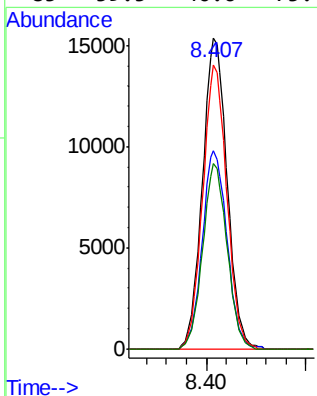
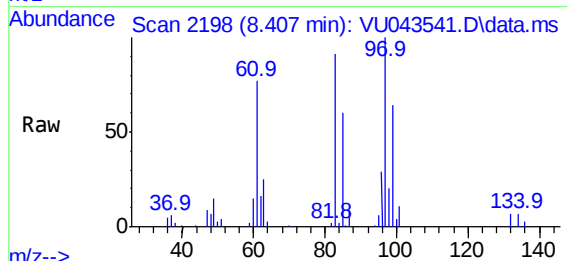


#45
1,1,2-Trichloroethane
Concen: 5.62 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

Tgt Ion: 97 Resp: 26299

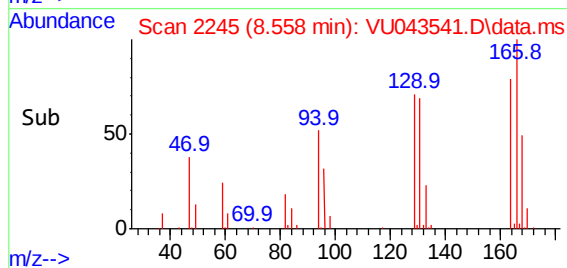
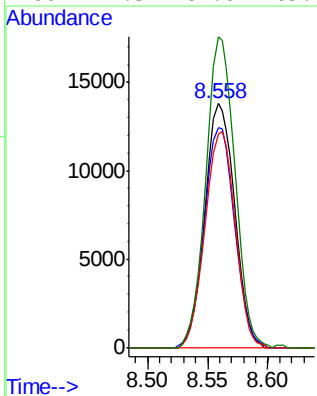
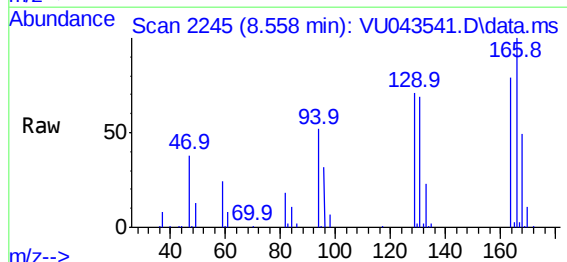
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.6	79.0
83	91.4	64.1	119.1
85	59.5	40.6	75.4

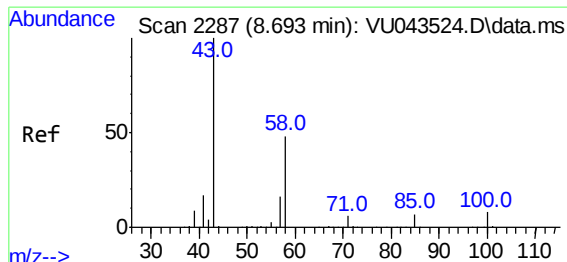


#47
Tetrachloroethene
Concen: 5.40 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 164 Resp: 23060

Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.5	116.1
131	87.2	64.9	120.5
166	127.3	89.0	165.2

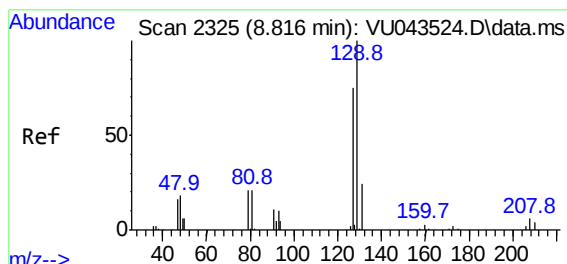
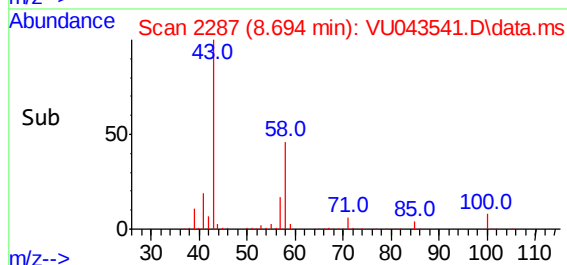
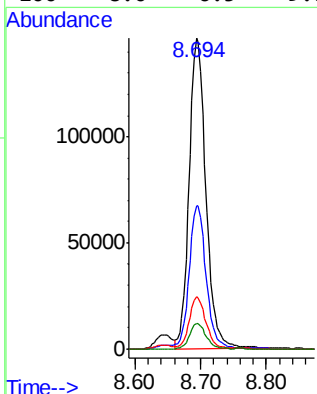
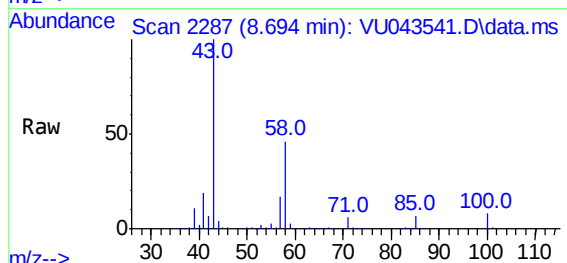




#48
2-Hexanone
Concen: 62.98 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

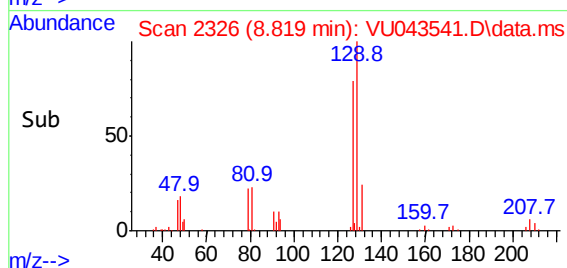
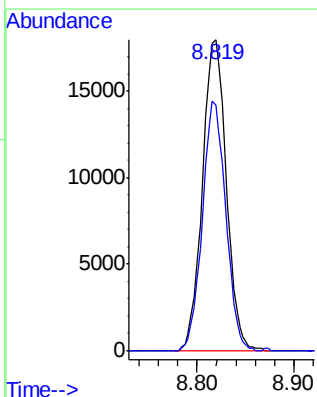
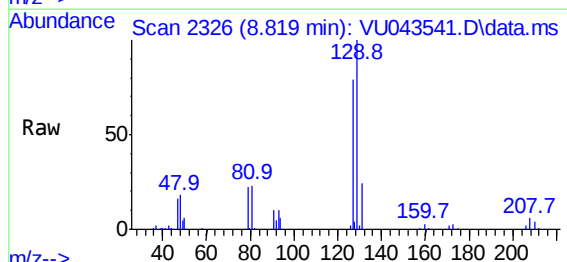
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

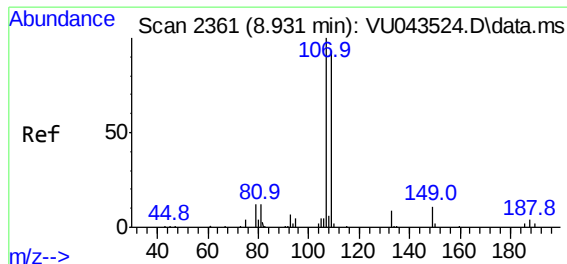
Tgt Ion: 43 Resp: 259068
Ion Ratio Lower Upper
43 100
58 46.9 36.8 55.2
57 16.5 13.2 19.8
100 8.0 6.5 9.7



#49
Dibromochloromethane
Concen: 5.46 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 129 Resp: 30918
Ion Ratio Lower Upper
129 100
127 79.1 52.4 97.4

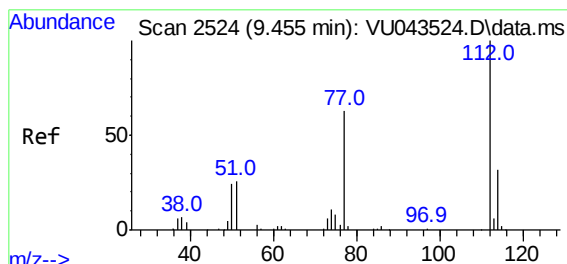
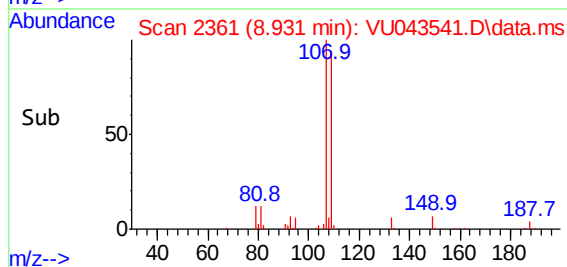
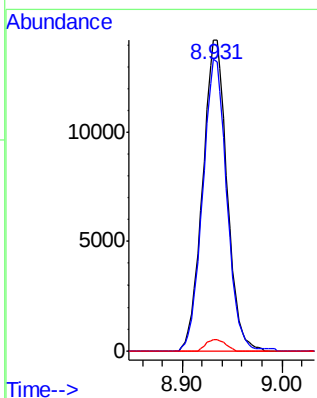
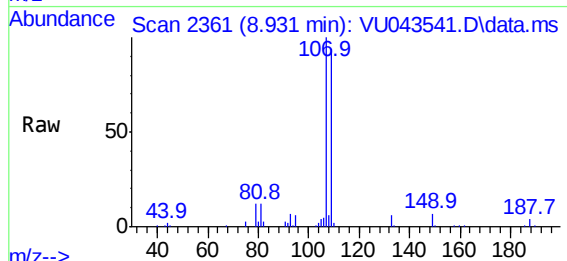




#50
1,2-Dibromoethane
Concen: 5.53 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

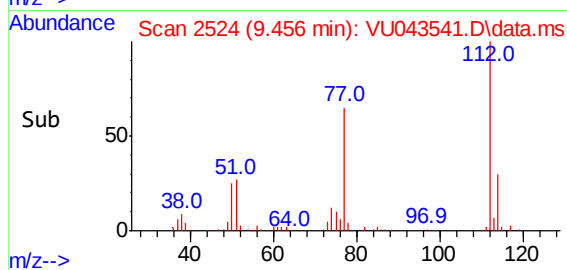
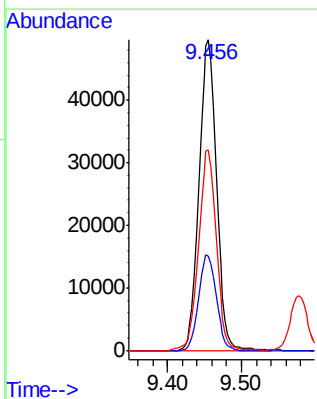
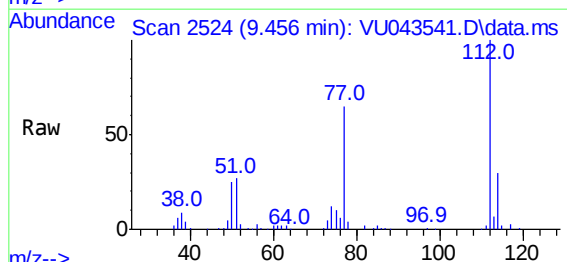
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

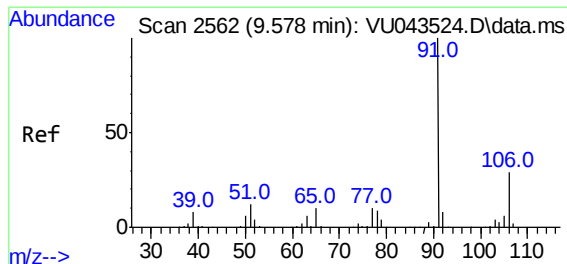
Tgt Ion:107 Resp: 24102
Ion Ratio Lower Upper
107 100
109 93.7 67.6 125.6
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 5.41 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:112 Resp: 81586
Ion Ratio Lower Upper
112 100
114 30.4 22.0 41.0
77 64.5 51.0 76.4

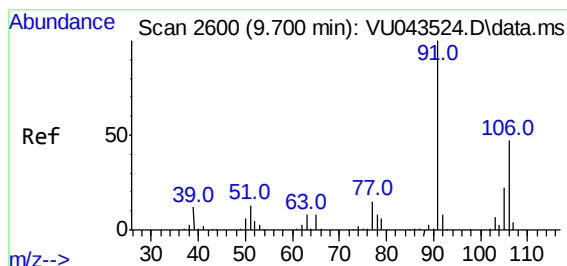
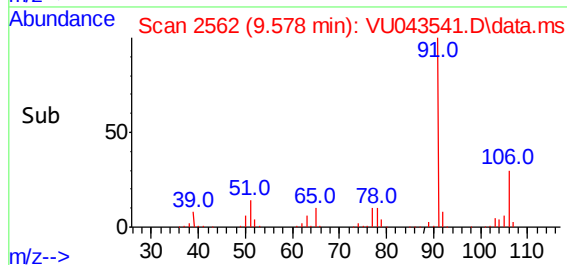
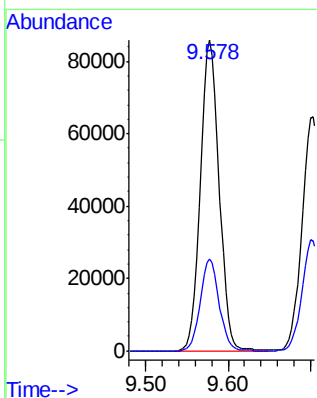
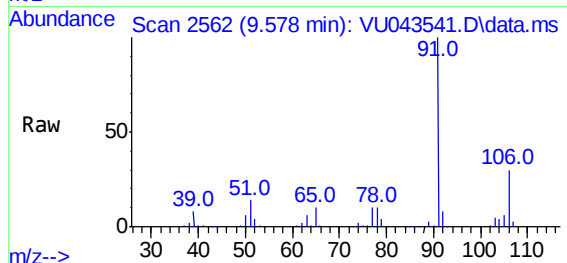




#52
Ethylbenzene
Concen: 5.42 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

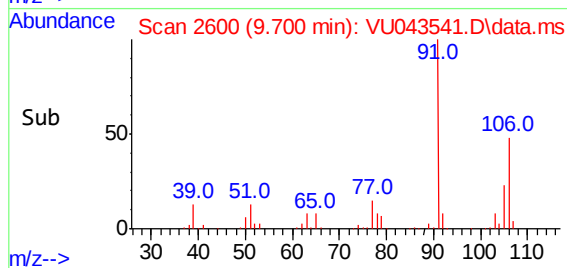
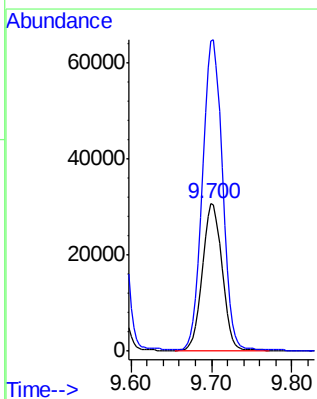
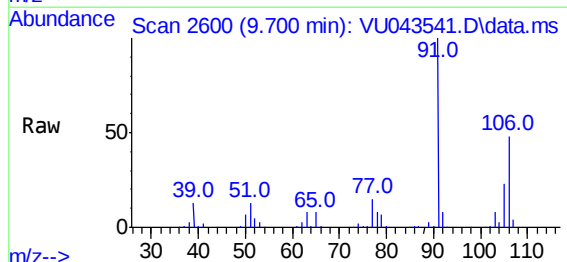
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

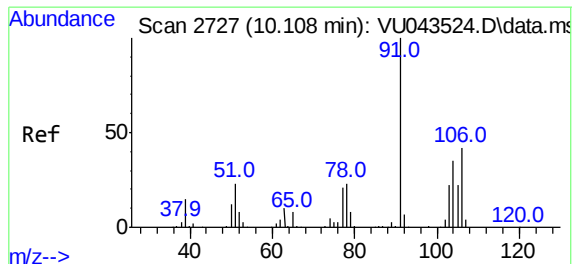
Tgt Ion: 91 Resp: 136408
Ion Ratio Lower Upper
91 100
106 29.5 20.5 38.1



#53
m,p-Xylene
Concen: 5.49 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 106 Resp: 50241
Ion Ratio Lower Upper
106 100
91 210.5 150.3 279.1

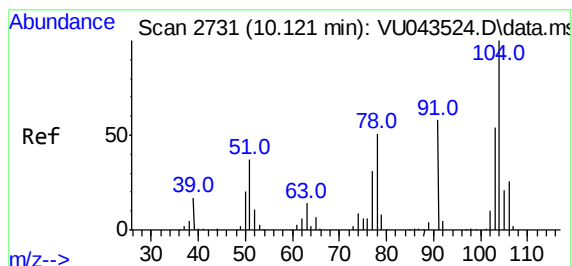
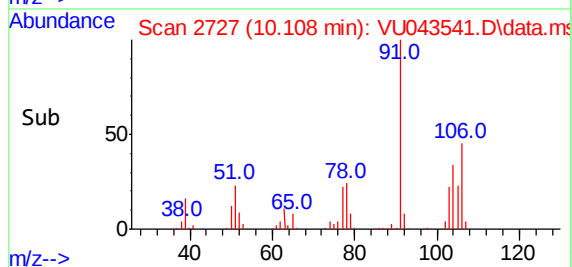
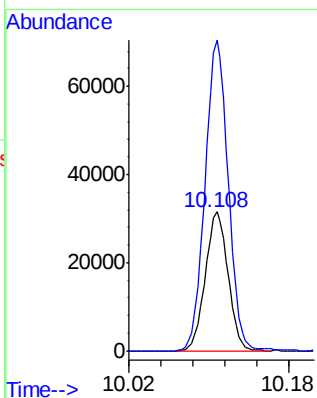
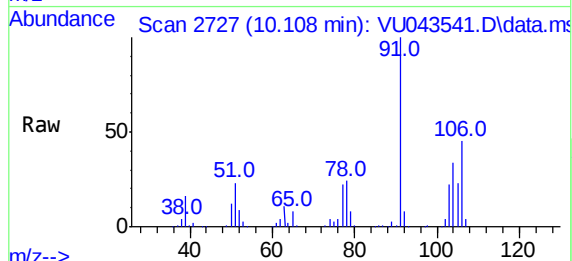




#54
o-Xylene
Concen: 5.61 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

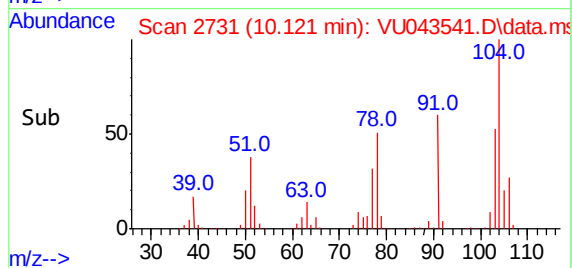
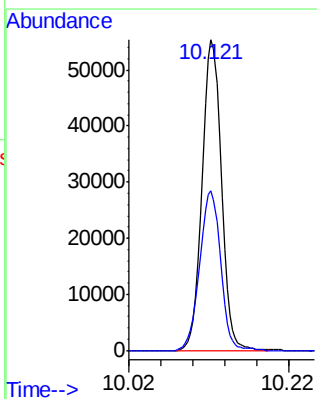
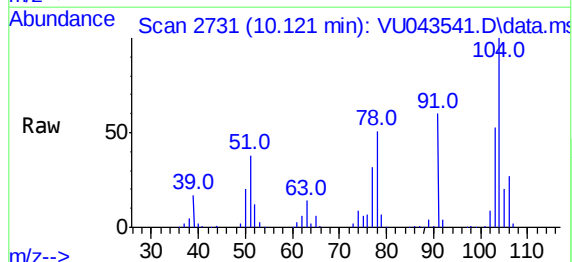
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

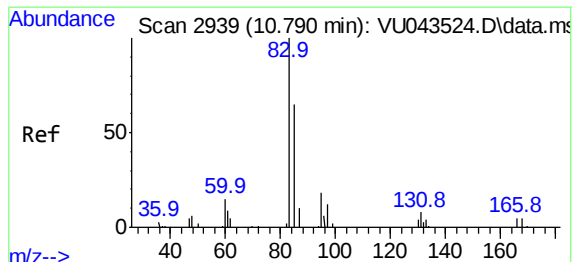
Tgt Ion:106 Resp: 49884
Ion Ratio Lower Upper
106 100
91 224.0 157.3 292.1



#55
Styrene
Concen: 5.70 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:104 Resp: 88697
Ion Ratio Lower Upper
104 100
78 51.4 35.3 65.5

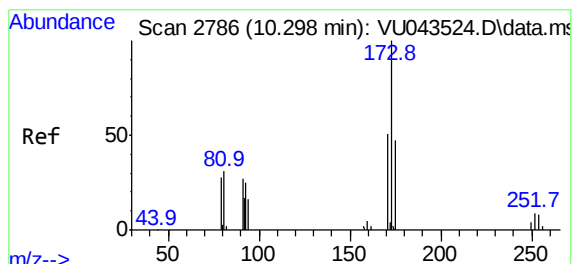
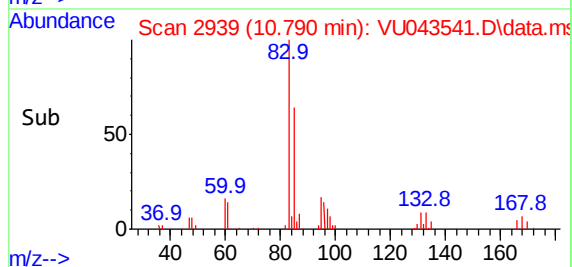
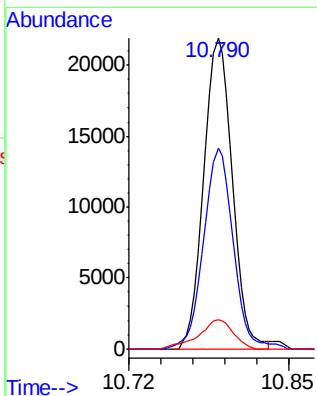
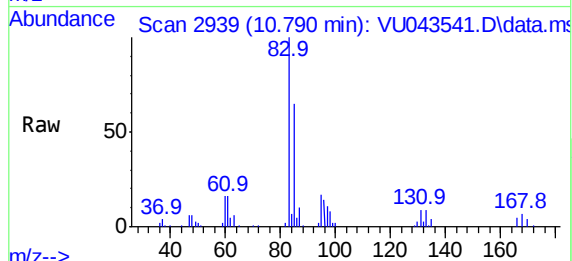




#57
1,1,2,2-Tetrachloroethane
Concen: 5.56 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

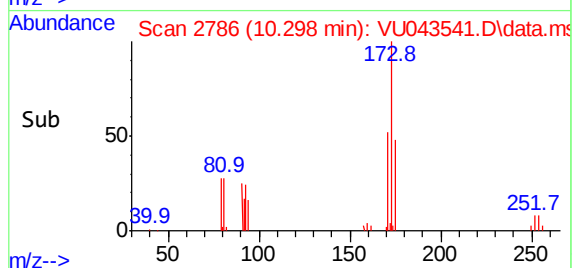
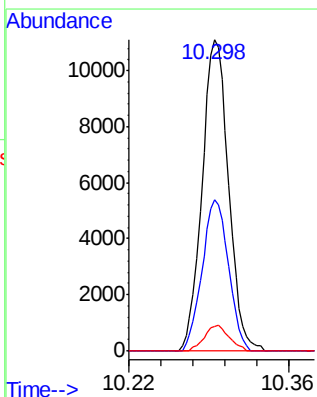
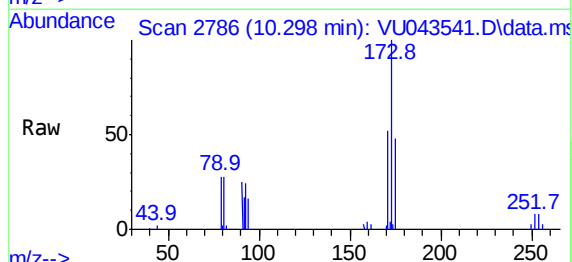
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

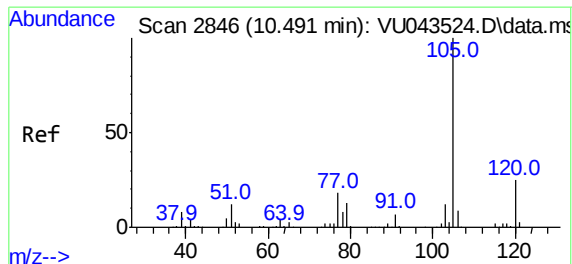
Tgt Ion: 83 Resp: 35088
Ion Ratio Lower Upper
83 100
85 64.5 42.6 79.0
131 9.5 7.4 11.2



#59
Bromoform
Concen: 5.38 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 173 Resp: 18269
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
254 7.4 5.9 8.9

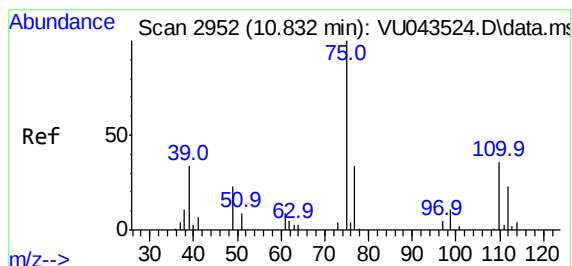
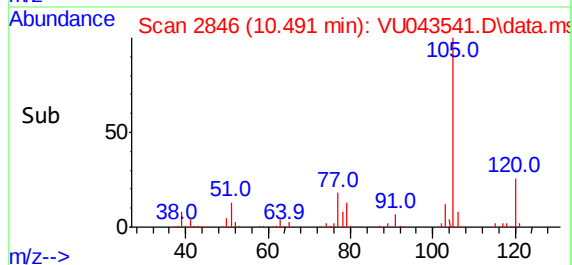
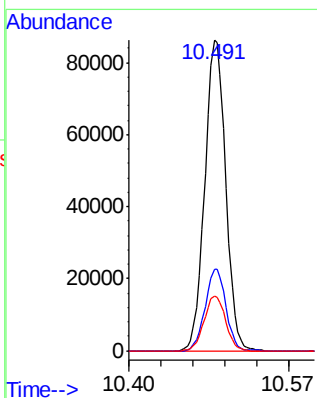
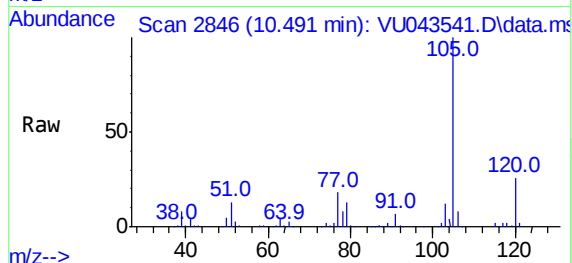




#60
Isopropylbenzene
Concen: 5.27 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

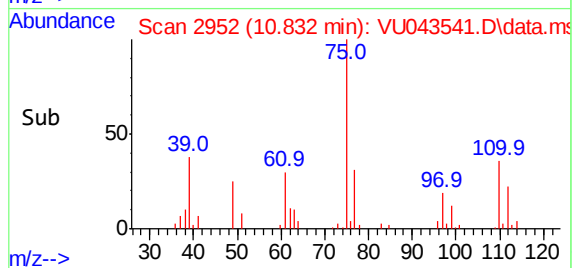
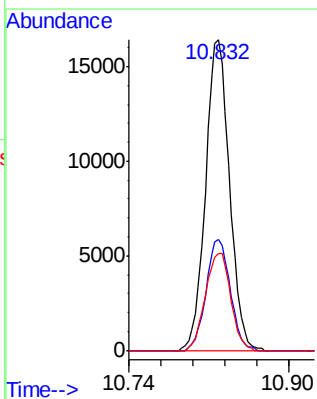
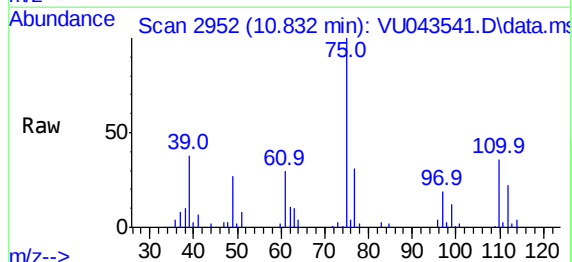
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

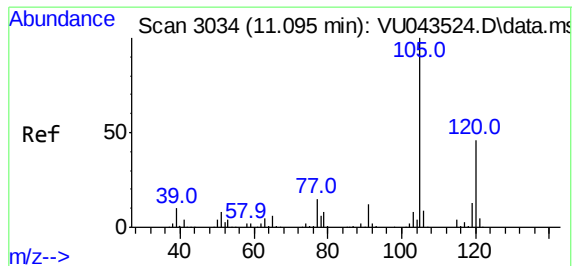
Tgt Ion:105 Resp: 134120
Ion Ratio Lower Upper
105 100
120 26.1 20.4 30.6
77 18.1 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.58 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 75 Resp: 26359
Ion Ratio Lower Upper
75 100
110 36.0 28.6 42.8
77 33.1 25.7 38.5

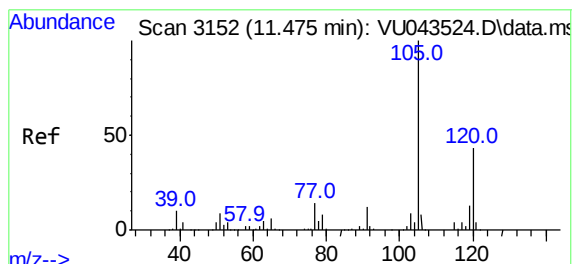
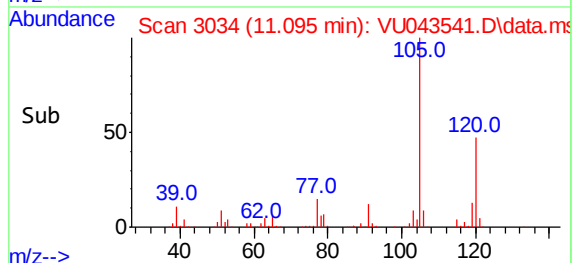
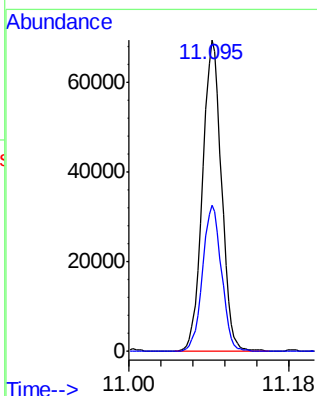
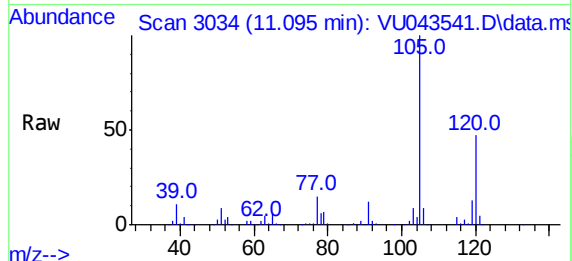




#62
1,3,5-Trimethylbenzene
Concen: 5.18 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

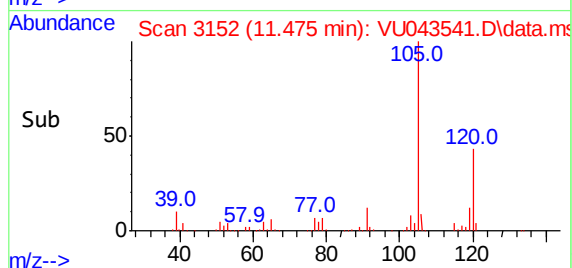
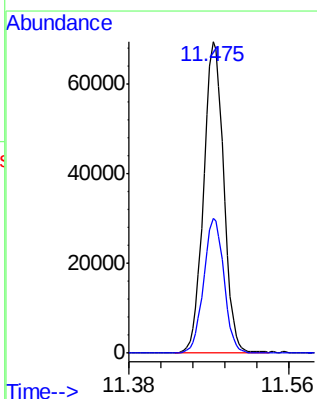
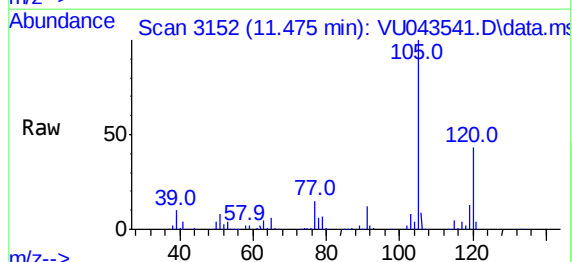
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

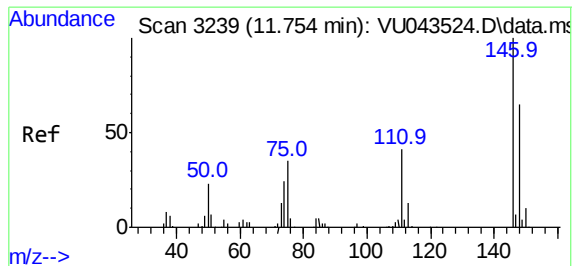
Tgt Ion:105 Resp: 103615
Ion Ratio Lower Upper
105 100
120 46.8 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.29 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:105 Resp: 105812
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.0

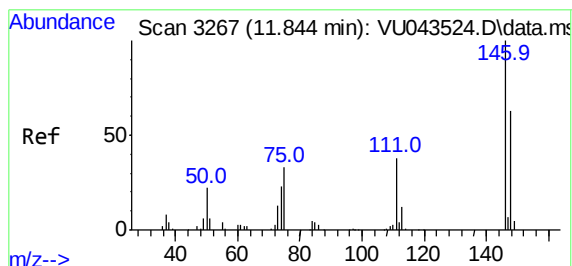
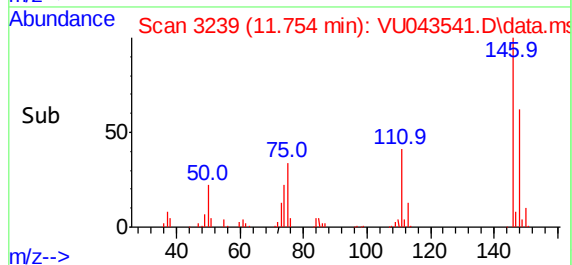
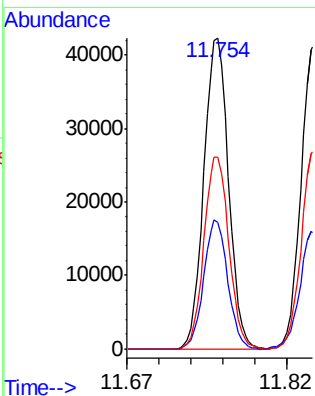
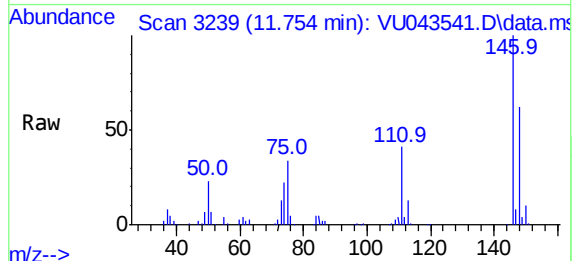




#64
1,3-Dichlorobenzene
Concen: 5.32 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

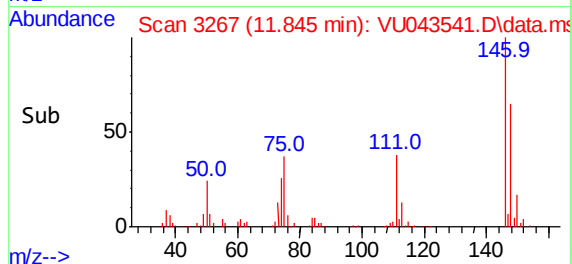
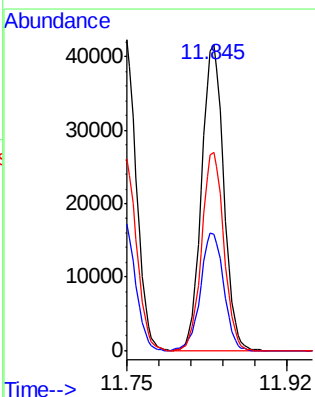
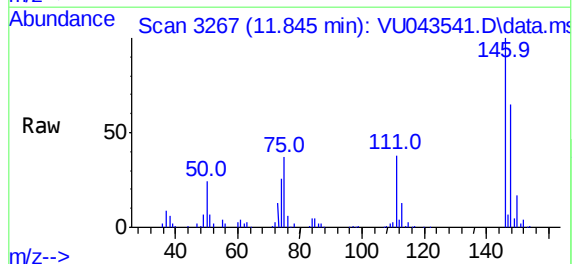
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

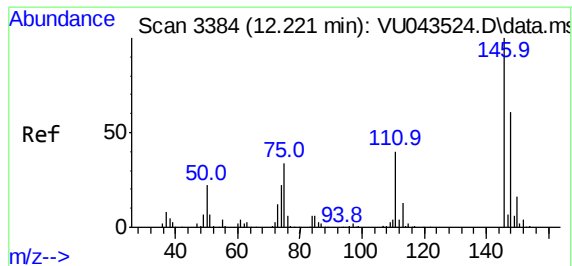
Tgt Ion:146 Resp: 67087
Ion Ratio Lower Upper
146 100
111 40.8 28.9 53.7
148 61.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.10 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:146 Resp: 66062
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.2
148 64.7 44.6 82.8

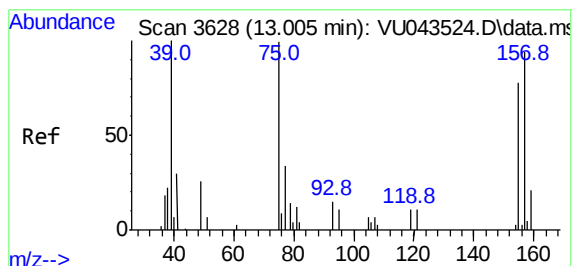
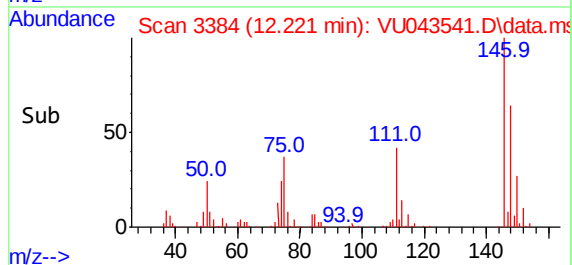
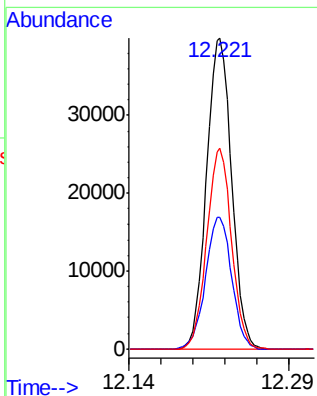
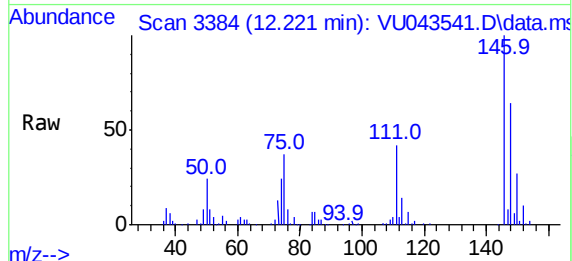




#67
1,2-Dichlorobenzene
Concen: 5.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

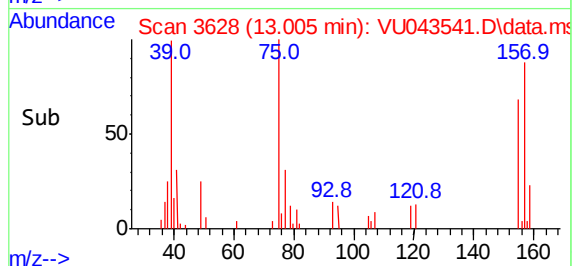
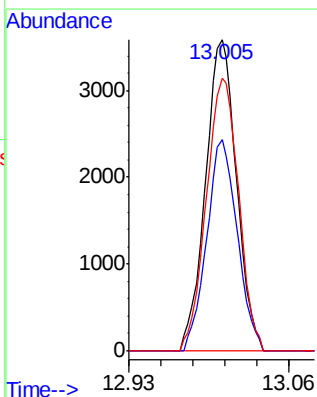
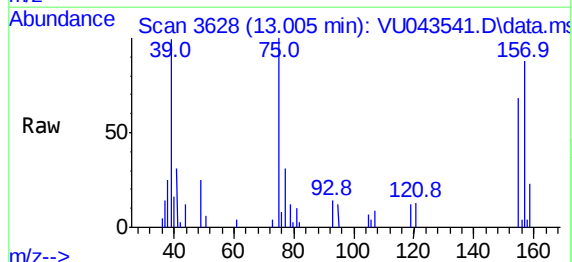
Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

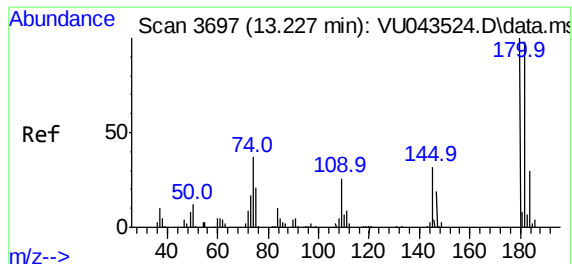
Tgt Ion:146 Resp: 64489
Ion Ratio Lower Upper
146 100
111 42.2 32.6 49.0
148 64.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.21 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion: 75 Resp: 5868
Ion Ratio Lower Upper
75 100
155 67.7 57.8 86.6
157 87.6 68.5 102.7

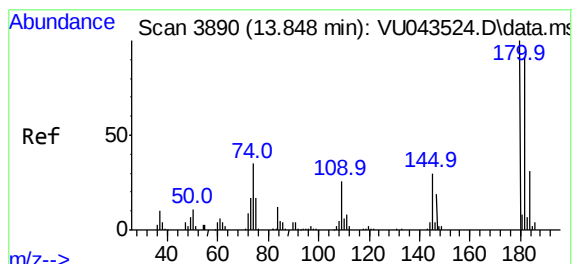
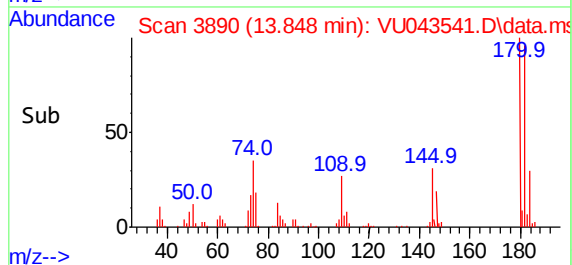
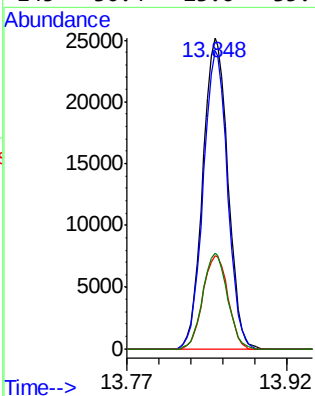
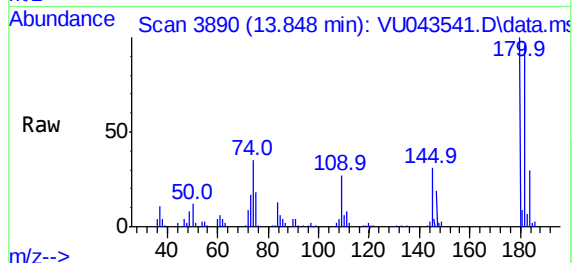




#69
 1,3,5-Trichlorobenzene
 Concen: 4.05 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.621 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

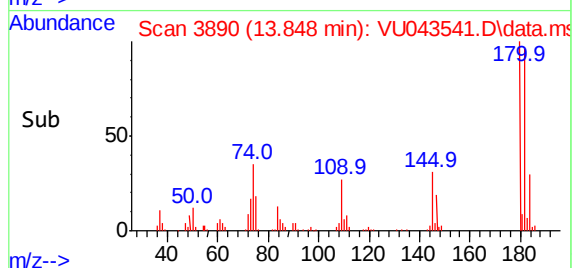
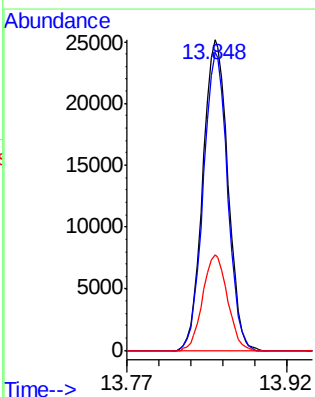
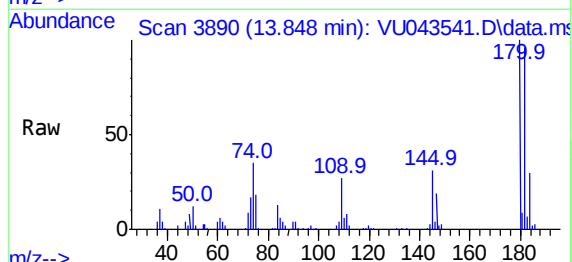
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

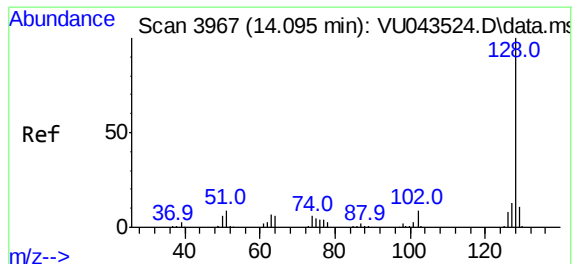
Tgt Ion:	180	Resp:	40450
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.0	114.0
184	30.0	24.1	36.1
145	30.4	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.92 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043541.D
 Acq: 04 May 2021 23:49

Tgt Ion:	180	Resp:	40450
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.9	113.9
145	30.4	24.6	37.0

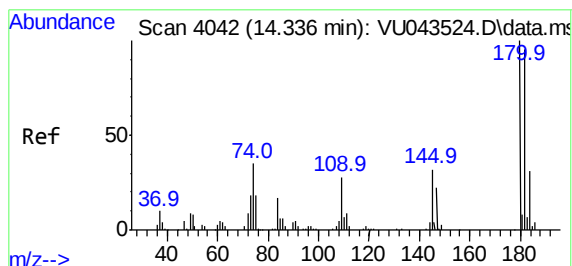
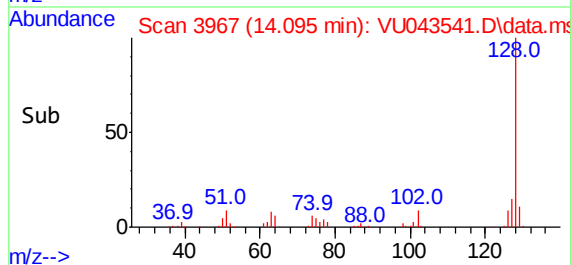
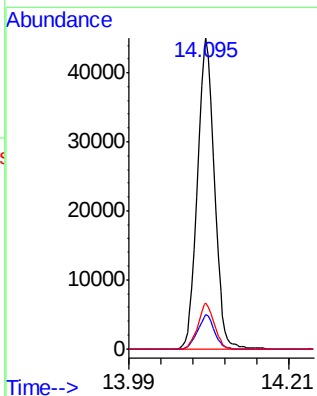
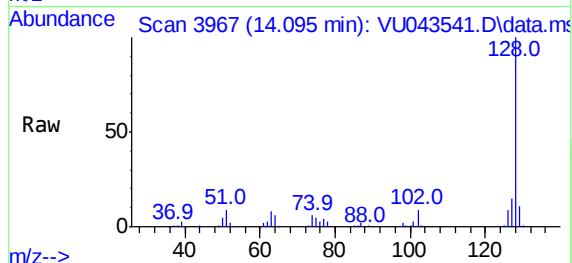




#71
Naphthalene
Concen: 5.07 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD005195

Tgt Ion:128 Resp: 71906
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.27 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043541.D
Acq: 04 May 2021 23:49

Tgt Ion:180 Resp: 40673
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 30.8 25.7 38.5

