

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043507.D
 Acq On : 04 May 2021 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: May 05 04:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 08:24:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	91997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92435	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48416	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34363	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	92.80%		
7) Chloroethane-d5	1.919	69	26202	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.80%		
11) 1,1-Dichloroethene-d2	2.572	65	17172	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	94.60%		
20) 2-Butanone-d5	4.652	46	125168	54.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.00%		
24) Chloroform-d	5.073	84	69940	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.80%		
26) 1,2-Dichloroethane-d4	5.713	65	42758	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.20%		
32) Benzene-d6	5.736	84	127026	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.60%		
36) 1,2-Dichloropropane-d6	6.700	67	42555	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.00%		
41) Toluene-d8	7.906	98	117274	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.00%		
43) trans-1,3-Dichloroprop...	8.189	79	18167	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	102.80%		
46) 2-Hexanone-d5	8.642	63	78989	53.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	106.48%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35020	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.60%		
66) 1,2-Dichlorobenzene-d4	12.201	152	42327	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	32590	5.23	ug/L	97
3) Chloromethane	1.520	50	32996	5.02	ug/L	98
5) Vinyl chloride	1.607	62	31936	5.13	ug/L	100
6) Bromomethane	1.861	94	16997	5.76	ug/L	97
8) Chloroethane	1.938	64	19671	4.89	ug/L	100
9) Trichlorofluoromethane	2.144	101	50733	5.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	31695	5.29	ug/L	99
12) 1,1-Dichloroethene	2.585	96	27178	5.28	ug/L	99
13) Acetone	2.665	43	89608	58.51	ug/L	99
14) Carbon disulfide	2.800	76	64113	4.98	ug/L	98
15) Methyl Acetate	2.967	43	18287	5.24	ug/L	98
16) Methylene chloride	3.054	84	35448	4.30	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	77427	5.15	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	27236	5.08	ug/L	97
19) 1,1-Dichloroethane	3.880	63	66326	5.20	ug/L	99
21) 2-Butanone	4.732	43	135738	55.28	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	33076	5.25	ug/L	96
23) Bromochloromethane	4.986	128	14560	5.20	ug/L #	82
25) Chloroform	5.099	83	68860	5.07	ug/L	99
27) 1,2-Dichloroethane	5.806	62	48699	5.28	ug/L	98

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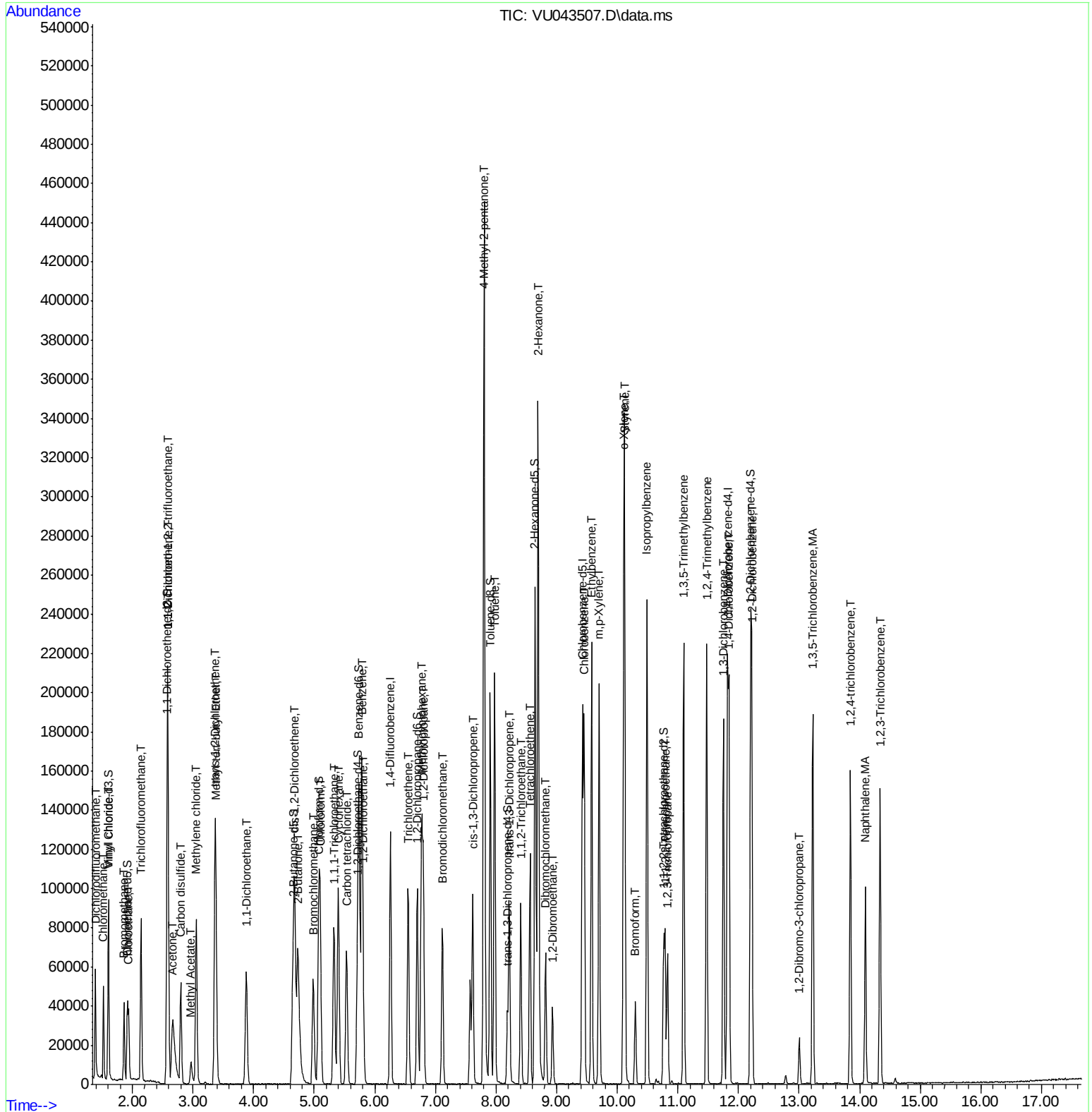
Instrument :
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 ClientSampleId :
 VSTD005158

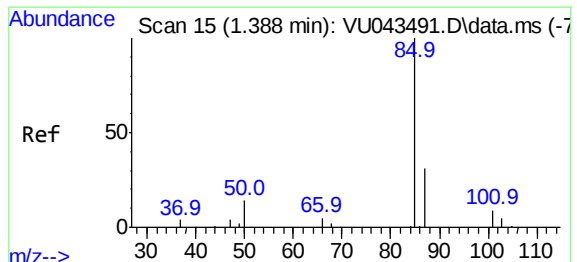
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	56178	5.17	ug/L	98
30) Cyclohexane	5.398	56	45552	5.25	ug/L	99
31) Carbon tetrachloride	5.533	117	44961	5.05	ug/L	100
33) Benzene	5.784	78	128789	5.28	ug/L	100
34) Trichloroethene	6.549	95	32708	5.26	ug/L	96
35) Methylcyclohexane	6.771	83	41946	5.21	ug/L	99
37) 1,2-Dichloropropane	6.800	63	38578	5.31	ug/L	99
38) Bromodichloromethane	7.115	83	49989	5.31	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	50564	5.25	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	321336	54.02	ug/L	100
42) Toluene	7.977	91	138732	5.45	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	46306	5.27	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	26572	5.29	ug/L	97
47) Tetrachloroethene	8.562	164	24474	5.34	ug/L	96
48) 2-Hexanone	8.694	43	245098	55.54	ug/L	98
49) Dibromochloromethane	8.819	129	31303	5.15	ug/L	94
50) 1,2-Dibromoethane	8.932	107	24606	5.26	ug/L #	98
51) Chlorobenzene	9.456	112	84693	5.23	ug/L	99
52) Ethylbenzene	9.578	91	145266	5.38	ug/L	100
53) m,p-Xylene	9.700	106	53143	5.42	ug/L	98
54) o-Xylene	10.108	106	51163	5.37	ug/L	99
55) Styrene	10.121	104	92378	5.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	35772	5.28	ug/L	96
59) Bromoform	10.298	173	18111	5.14	ug/L	99
60) Isopropylbenzene	10.491	105	142060	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	25954	5.30	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	111424	5.37	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	113842	5.48	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	69992	5.35	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	69967	5.21	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68232	5.18	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	5817	4.98	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	55044	5.32	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	43195	5.06	ug/L	98
71) Naphthalene	14.095	128	73250	4.98	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	42223	5.27	ug/L	98

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

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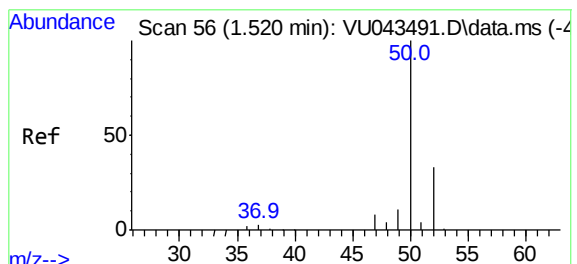
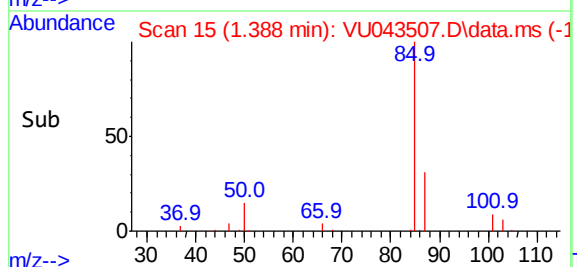
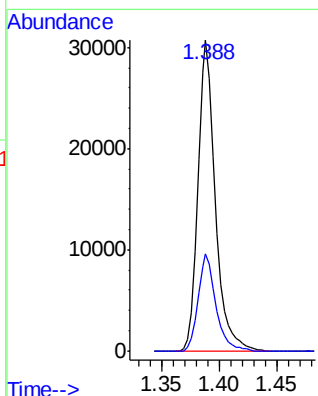
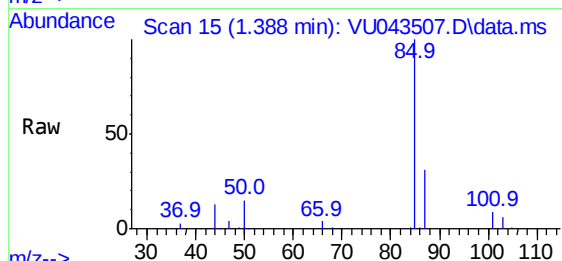




#2
Dichlorodifluoromethane
Concen: 5.23 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

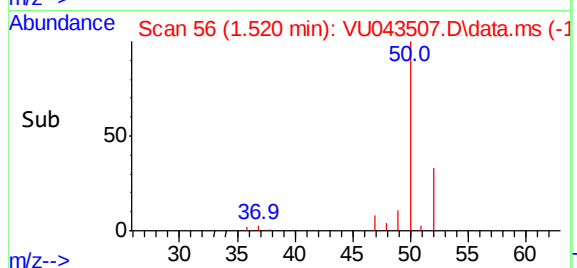
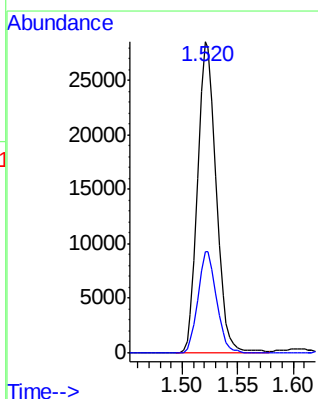
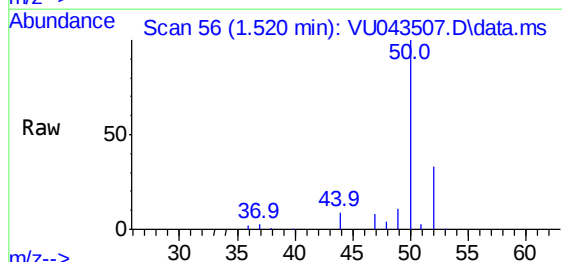
Instrument :
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VSTD005158

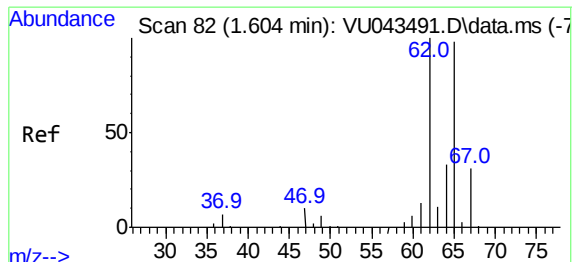
Tgt Ion: 85 Resp: 32590
Ion Ratio Lower Upper
85 100
87 31.5 26.6 39.8



#3
Chloromethane
Concen: 5.02 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 50 Resp: 32996
Ion Ratio Lower Upper
50 100
52 32.6 22.1 41.1

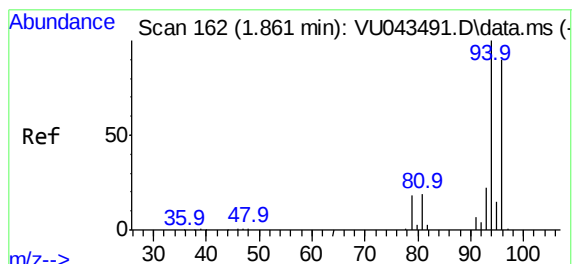
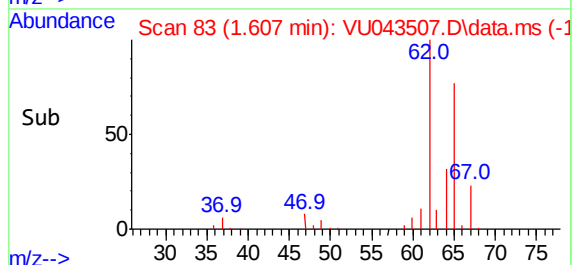
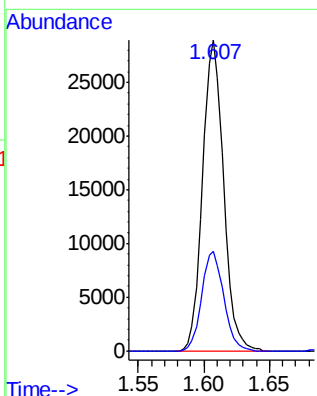
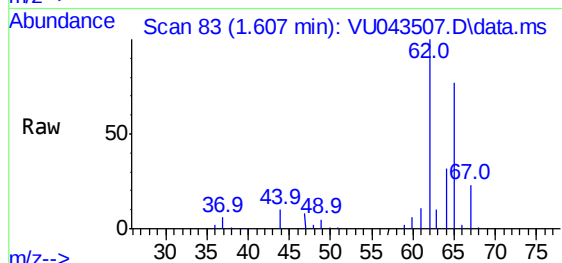




#5
 Vinyl chloride
 Concen: 5.13 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

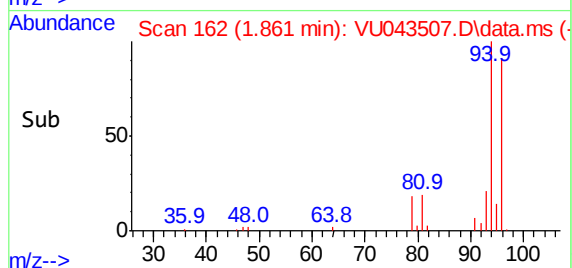
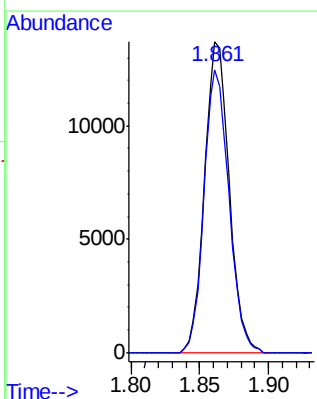
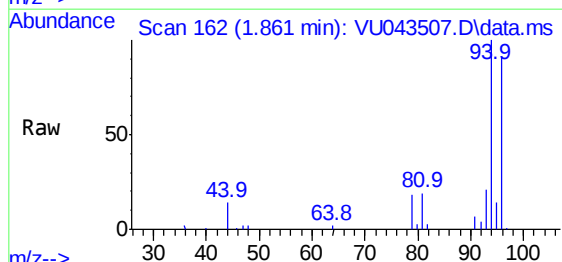
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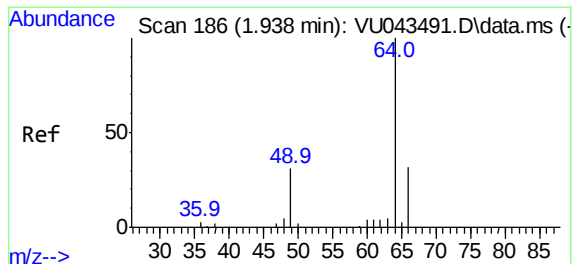
Tgt Ion: 62 Resp: 31936
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.3 41.3



#6
 Bromomethane
 Concen: 5.76 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Tgt Ion: 94 Resp: 16997
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.7 121.9

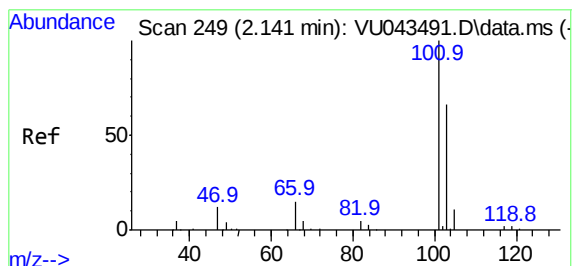
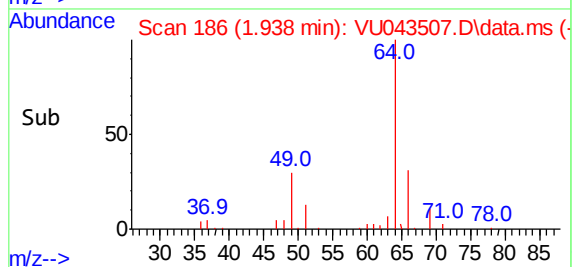
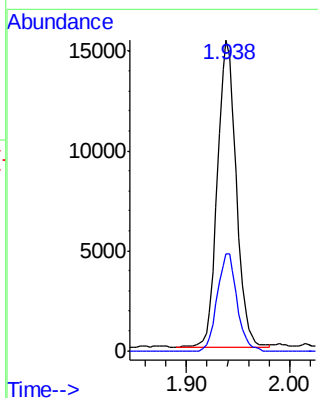
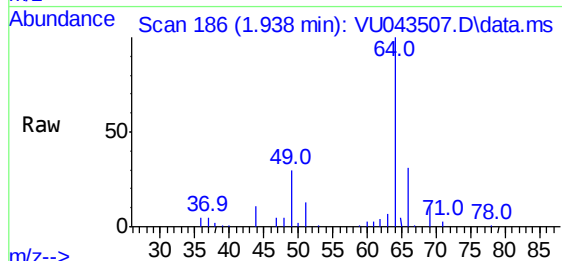




#8
Chloroethane
Concen: 4.89 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

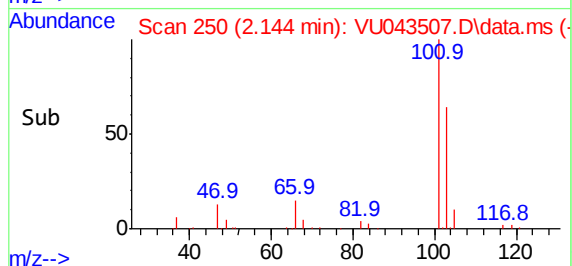
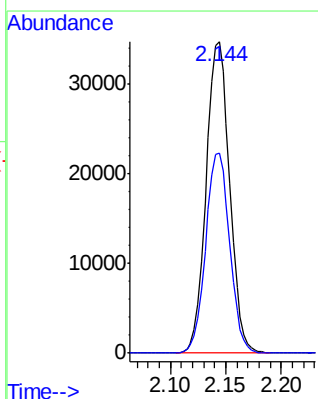
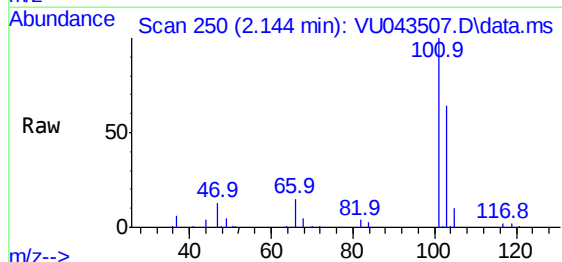
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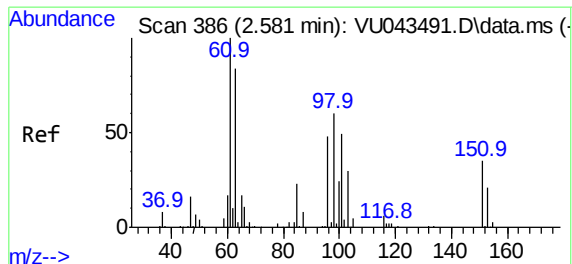
Tgt Ion: 64 Resp: 19671
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.23 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:101 Resp: 50733
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8



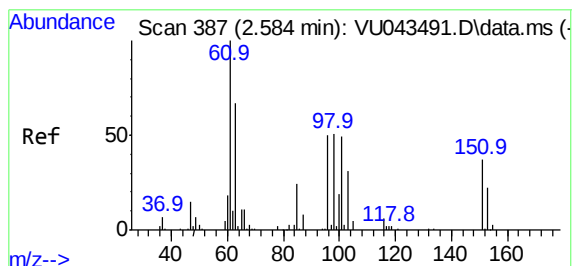
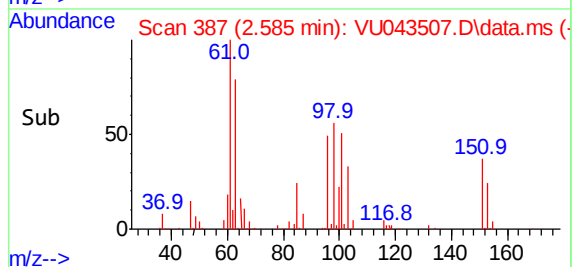
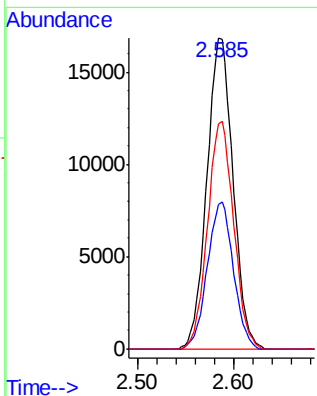
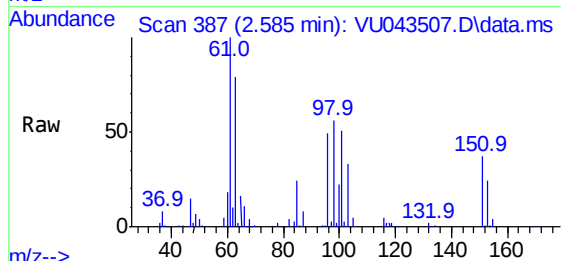


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.29 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Tgt Ion:101 Resp: 31695

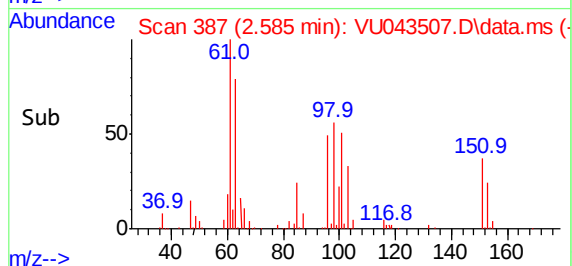
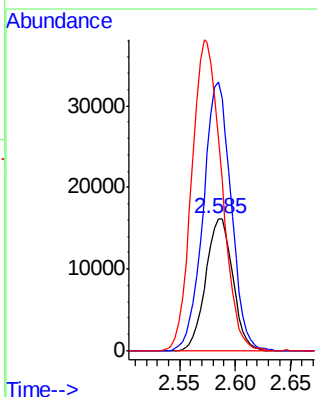
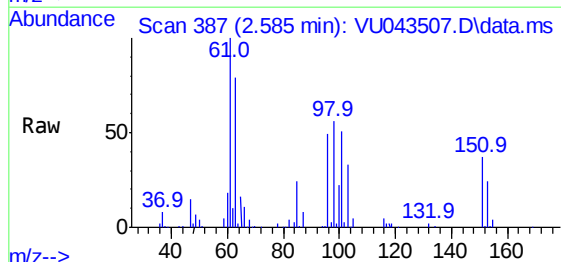
Ion	Ratio	Lower	Upper
101	100		
85	47.2	38.5	57.7
151	73.0	58.5	87.7

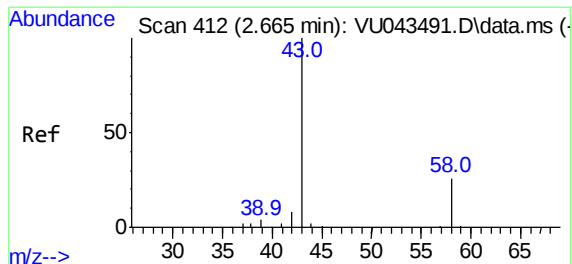


#12
 1,1-Dichloroethene
 Concen: 5.28 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Tgt Ion: 96 Resp: 27178

Ion	Ratio	Lower	Upper
96	100		
61	203.5	141.2	262.2
63	160.7	111.1	206.3

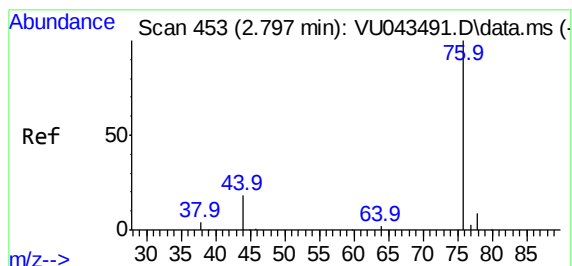
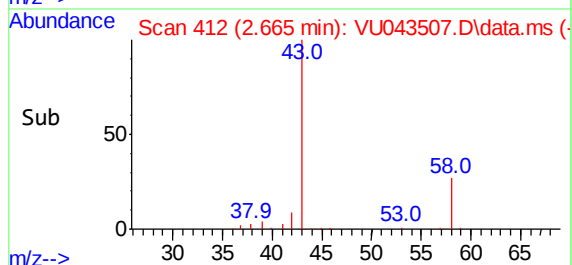
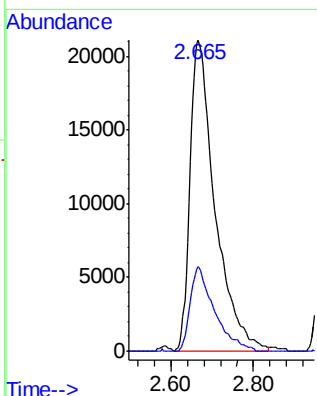
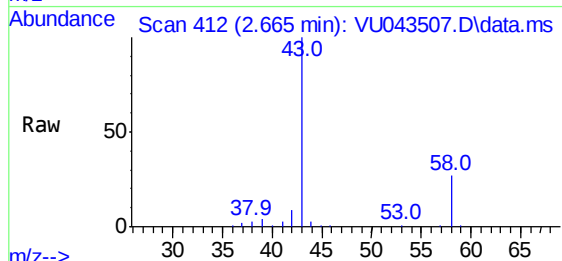




#13
Acetone
Concen: 58.51 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

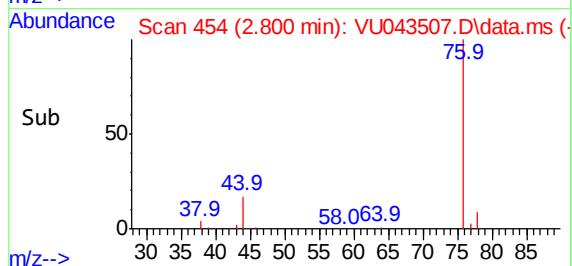
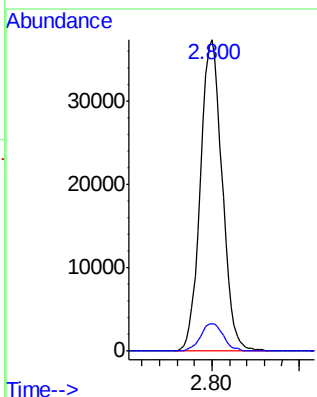
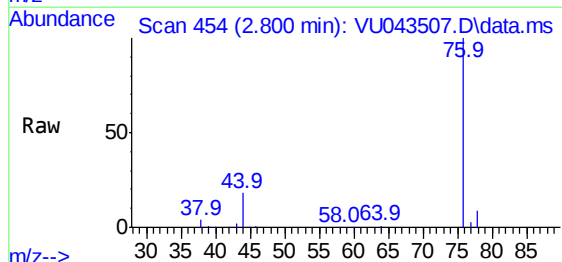
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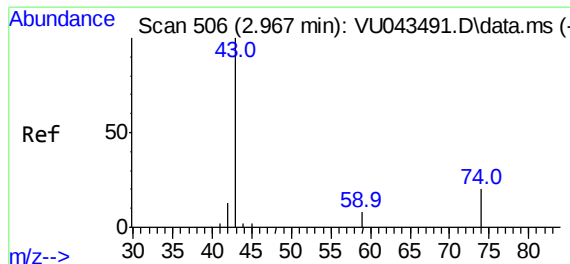
Tgt Ion: 43 Resp: 89608
Ion Ratio Lower Upper
43 100
58 24.8 0.0 50.8



#14
Carbon disulfide
Concen: 4.98 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 76 Resp: 64113
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

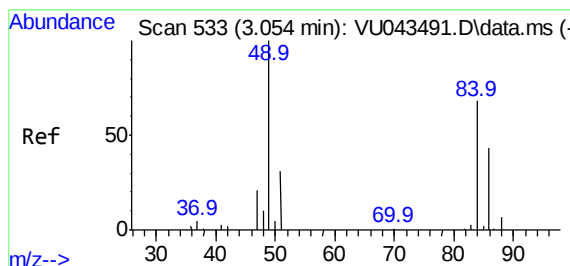
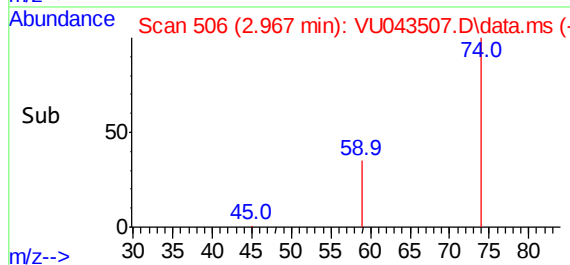
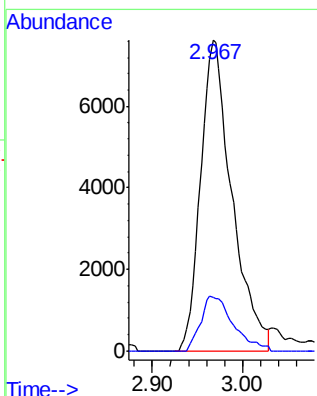
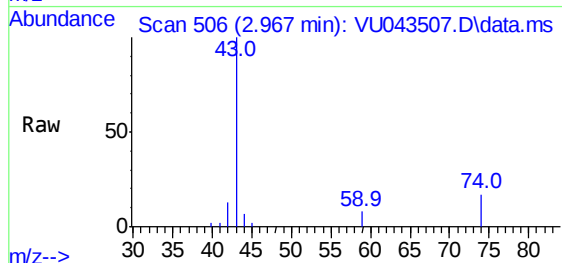




#15
Methyl Acetate
Concen: 5.24 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

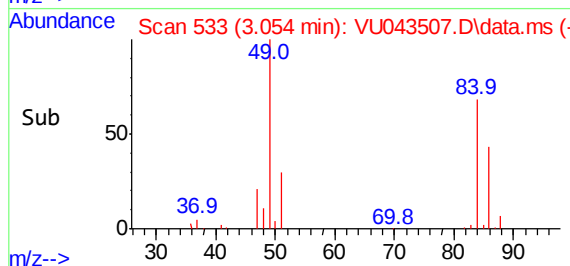
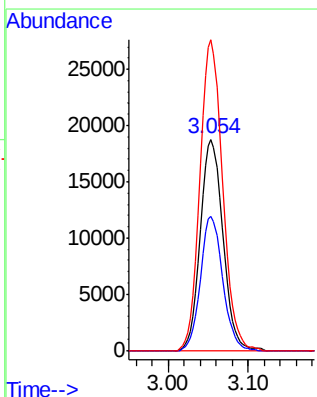
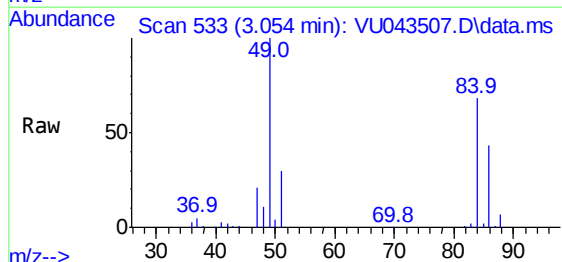
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

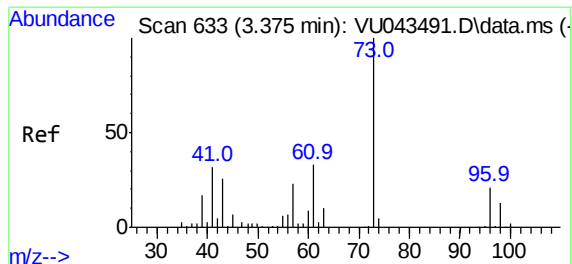
Tgt Ion: 43 Resp: 18287
Ion Ratio Lower Upper
43 100
74 18.2 15.2 22.8



#16
Methylene chloride
Concen: 4.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 84 Resp: 35448
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 147.0 107.0 198.8

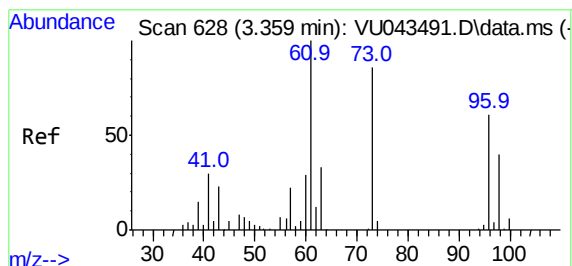
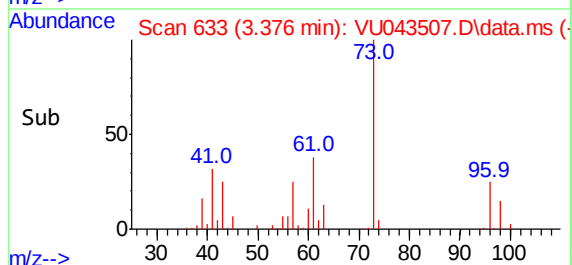
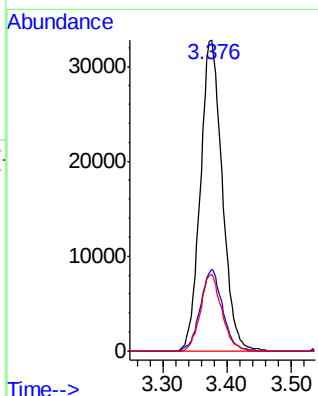
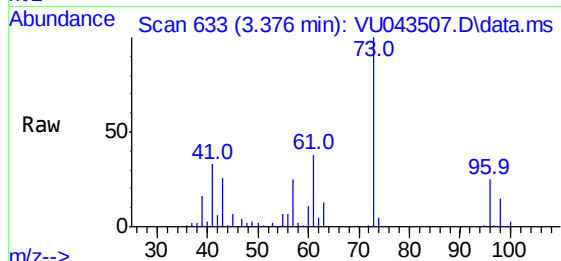




#17
Methyl tert-butyl Ether
Concen: 5.15 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

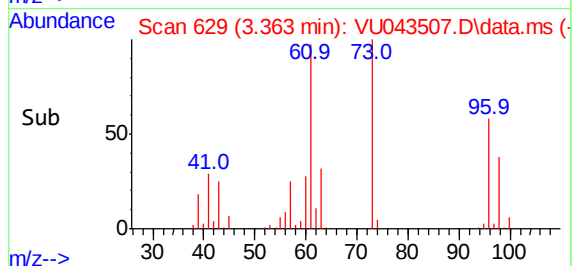
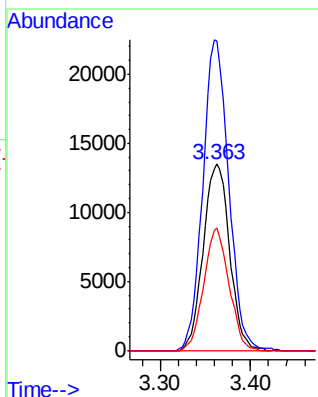
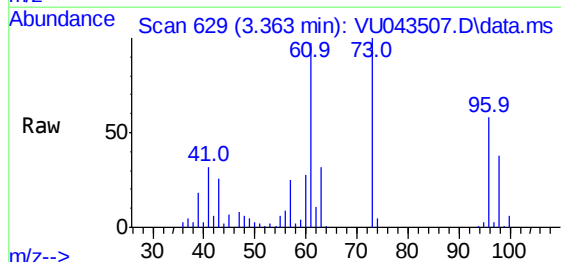
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

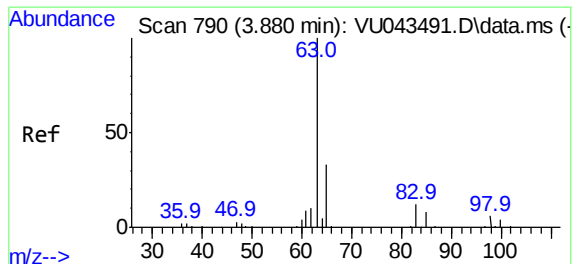
Tgt Ion: 73 Resp: 77427
Ion Ratio Lower Upper
73 100
43 26.5 20.6 30.8
57 23.9 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.08 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 96 Resp: 27236
Ion Ratio Lower Upper
96 100
61 166.6 113.5 210.9
98 66.0 45.4 84.2

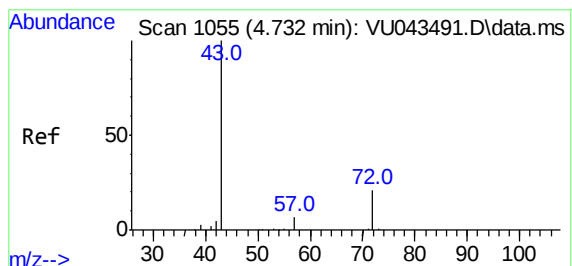
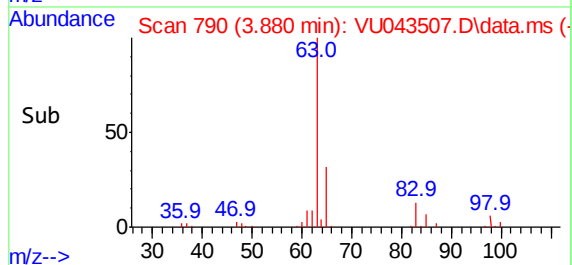
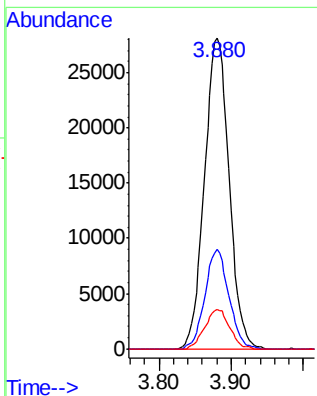
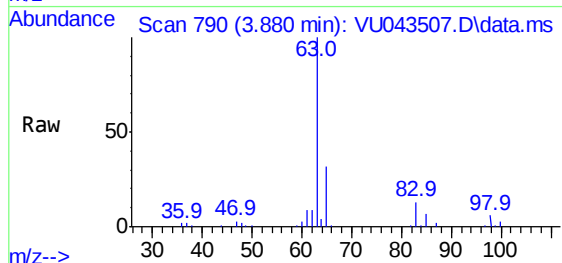




#19
1,1-Dichloroethane
Concen: 5.20 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

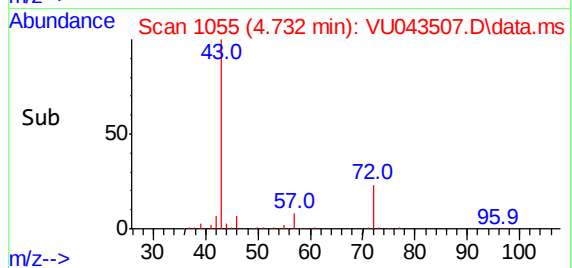
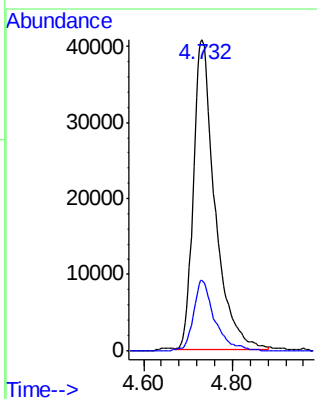
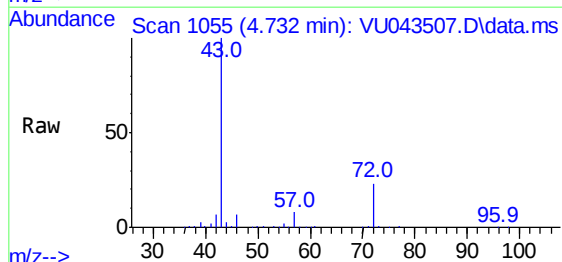
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

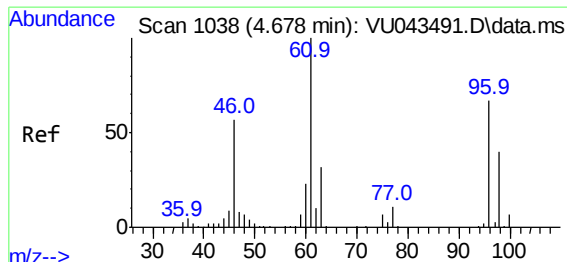
Tgt Ion: 63 Resp: 66326
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.1
83 12.5 9.4 17.4



#21
2-Butanone
Concen: 55.28 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 43 Resp: 135738
Ion Ratio Lower Upper
43 100
72 22.2 10.8 32.4



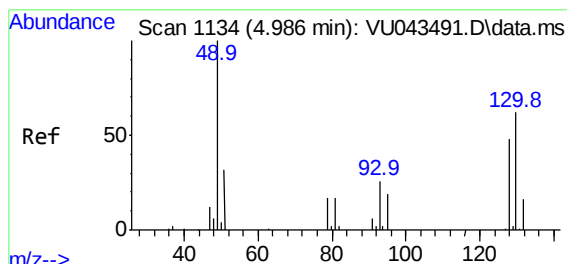
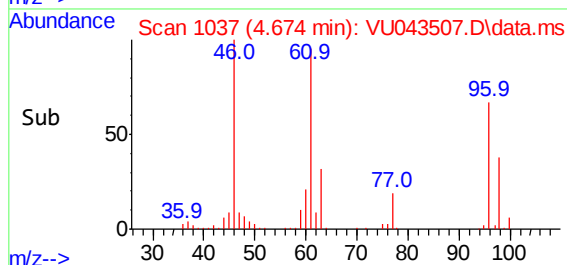
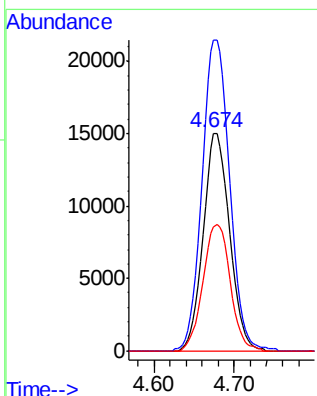
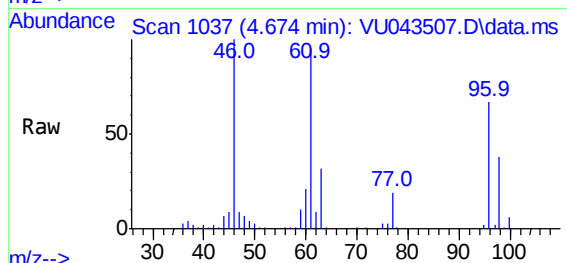


#22
 cis-1,2-Dichloroethene
 Concen: 5.25 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Tgt Ion: 96 Resp: 33076

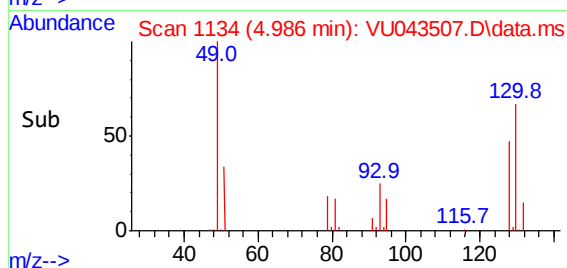
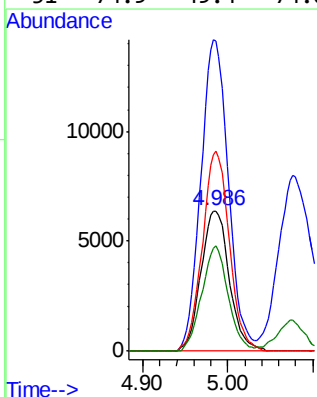
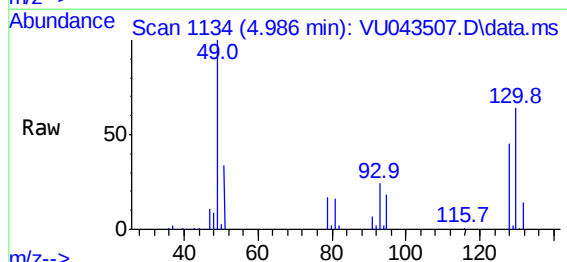
Ion	Ratio	Lower	Upper
96	100		
61	142.7	102.8	190.8
98	57.1	42.8	79.6

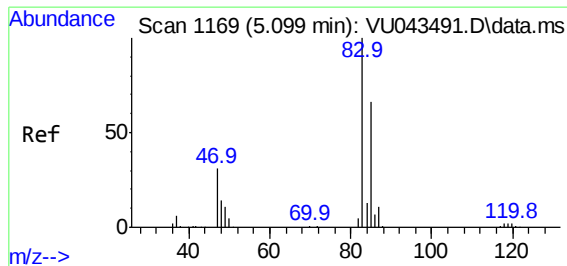


#23
 Bromochloromethane
 Concen: 5.20 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.000 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Tgt Ion: 128 Resp: 14560

Ion	Ratio	Lower	Upper
128	100		
49	221.7	134.2	249.2
130	142.6	87.2	162.0
51	74.9	49.4	74.0#

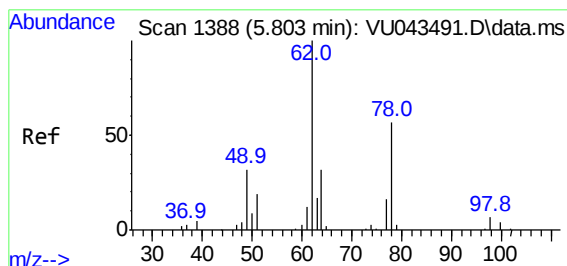
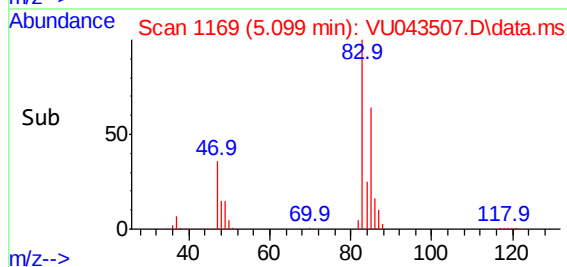
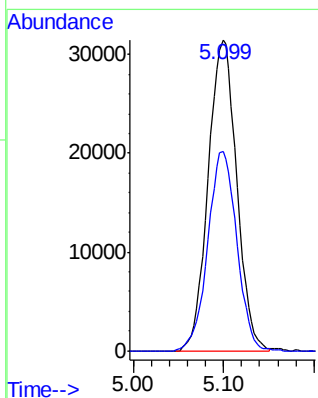
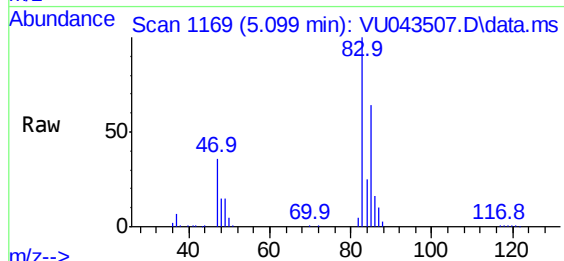




#25
Chloroform
Concen: 5.07 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

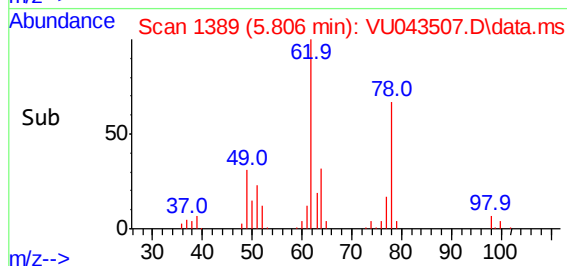
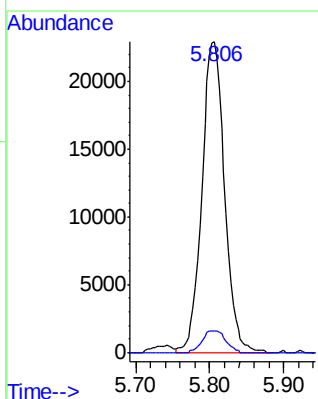
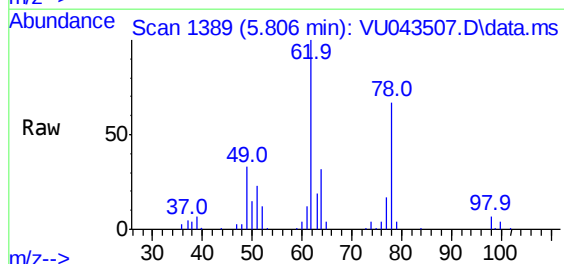
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

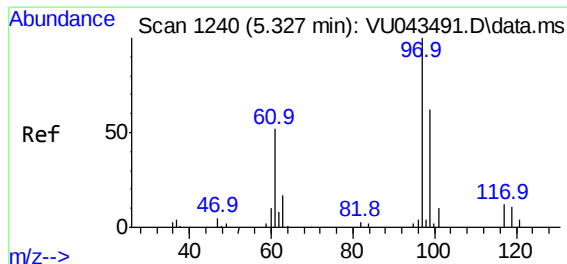
Tgt Ion: 83 Resp: 68860
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.28 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 62 Resp: 48699
Ion Ratio Lower Upper
62 100
98 6.9 6.1 9.1

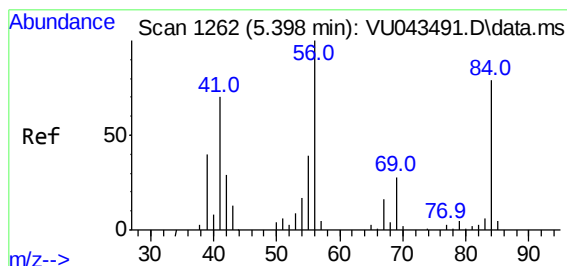
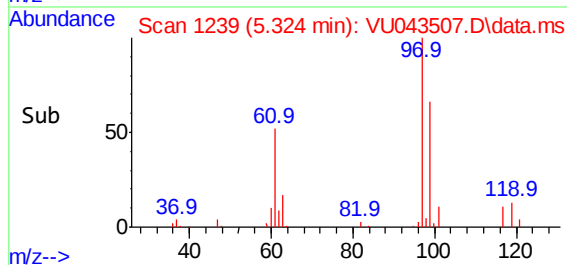
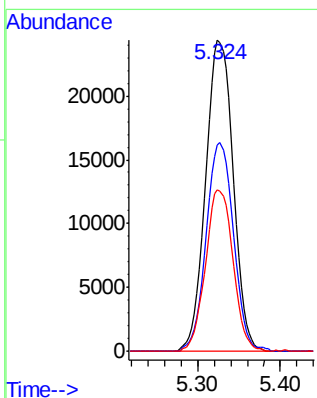
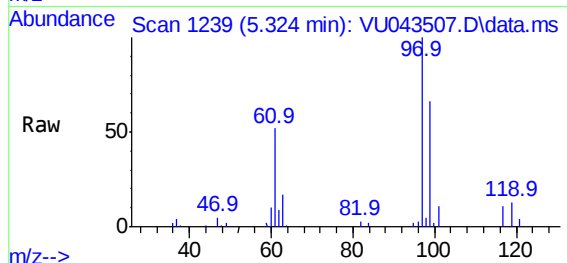




#29
1,1,1-Trichloroethane
Concen: 5.17 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

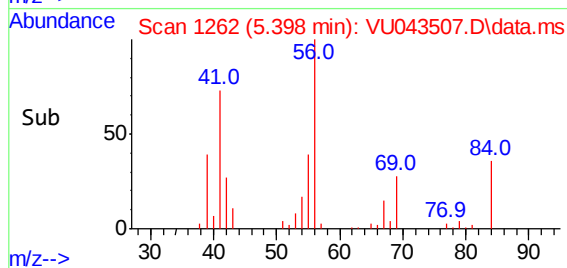
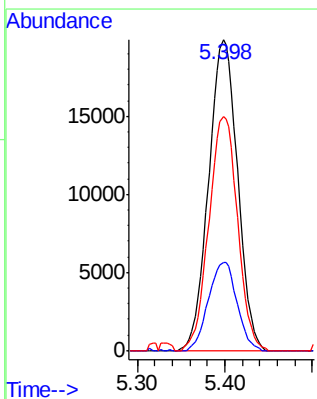
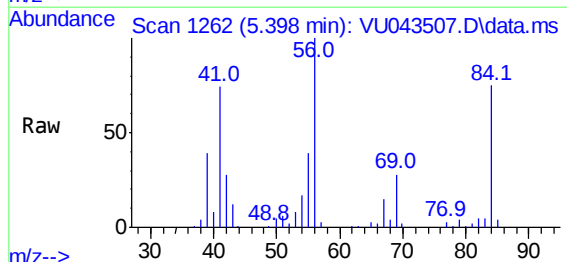
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

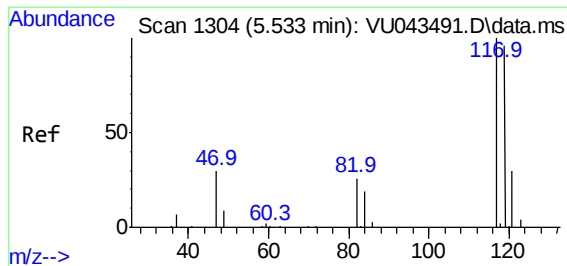
Tgt Ion: 97 Resp: 56178
Ion Ratio Lower Upper
97 100
99 66.5 51.8 77.6
61 51.7 39.8 59.8



#30
Cyclohexane
Concen: 5.25 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 56 Resp: 45552
Ion Ratio Lower Upper
56 100
69 28.0 23.0 34.4
84 74.5 60.3 90.5

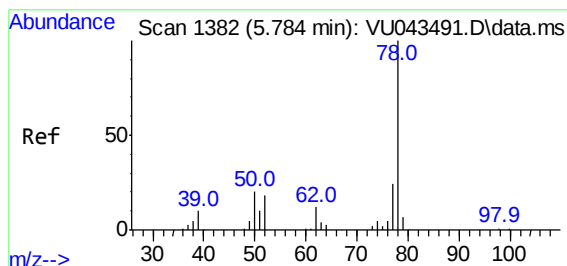
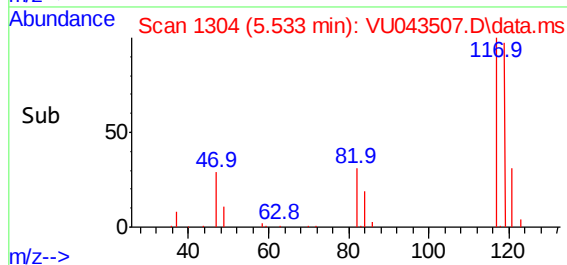
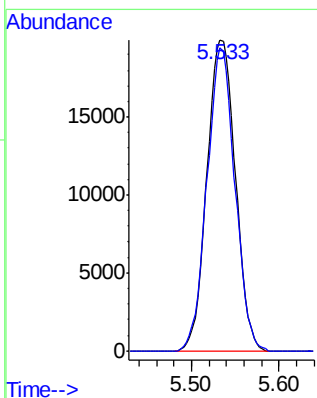
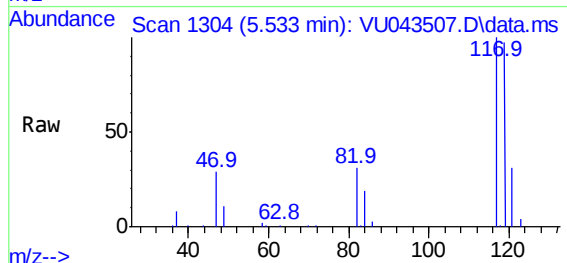




#31
Carbon tetrachloride
Concen: 5.05 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

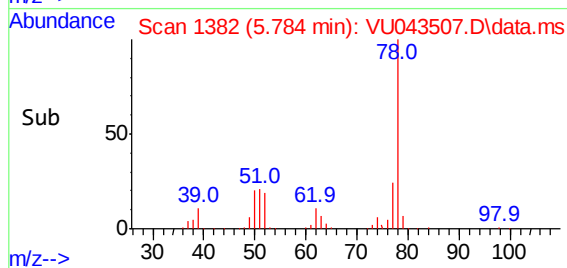
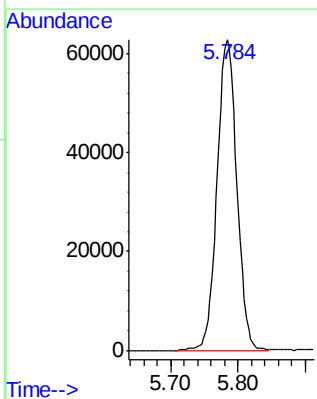
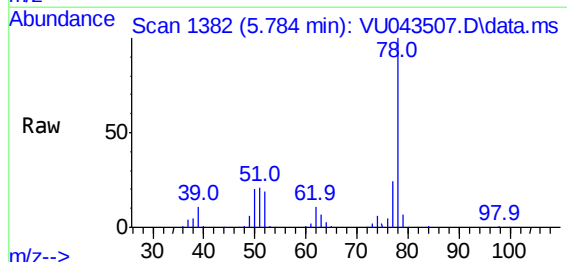
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

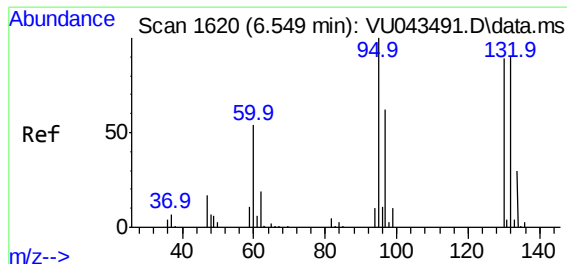
Tgt Ion:117 Resp: 44961
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6



#33
Benzene
Concen: 5.28 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 78 Resp: 128789



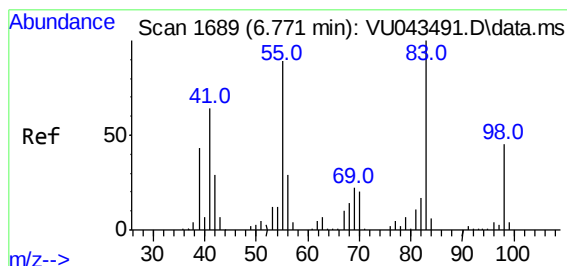
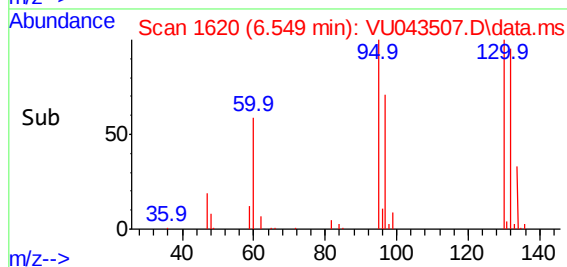
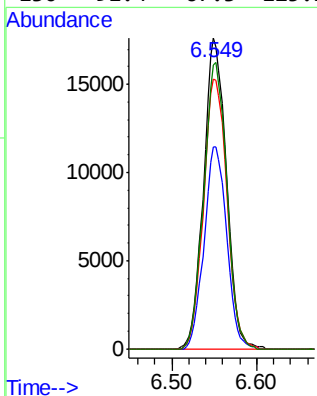
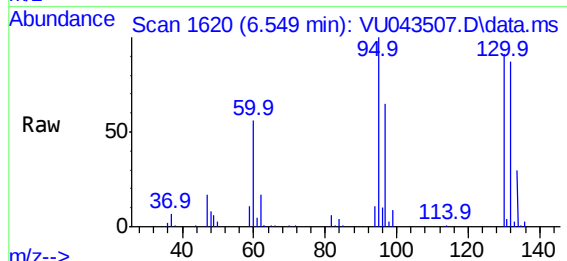


#34
Trichloroethene
Concen: 5.26 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

Tgt Ion: 95 Resp: 32708

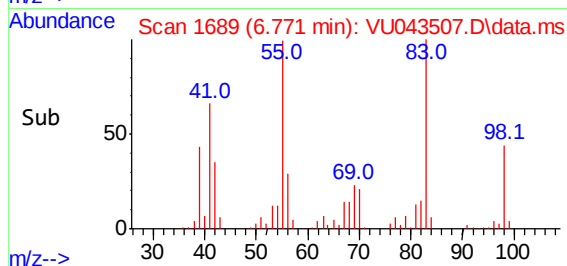
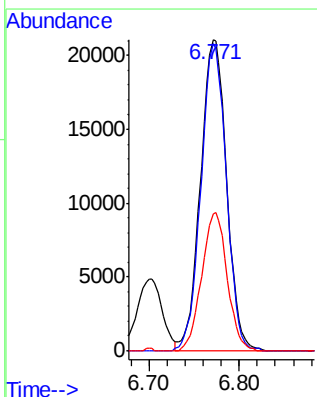
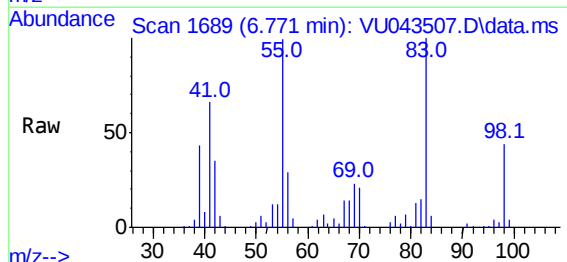
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.5
132	87.0	64.1	119.1
130	91.4	67.3	125.1

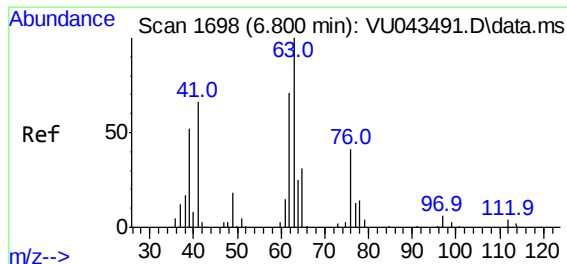


#35
Methylcyclohexane
Concen: 5.21 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 83 Resp: 41946

Ion	Ratio	Lower	Upper
83	100		
55	95.8	75.8	113.8
98	43.2	35.5	53.3

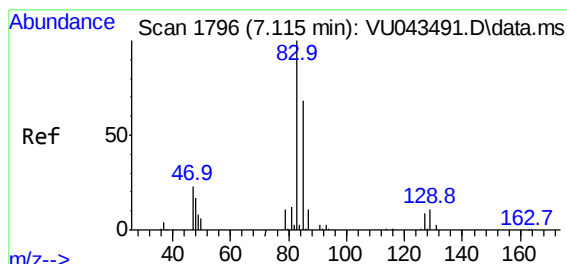
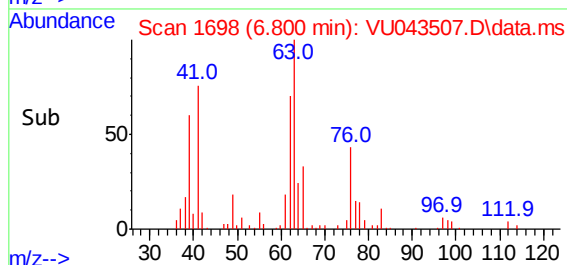
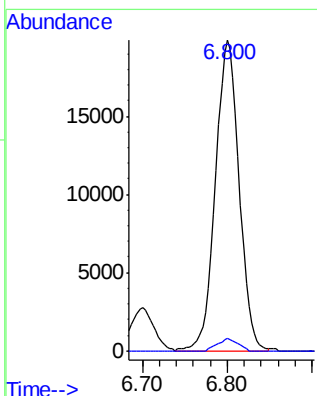
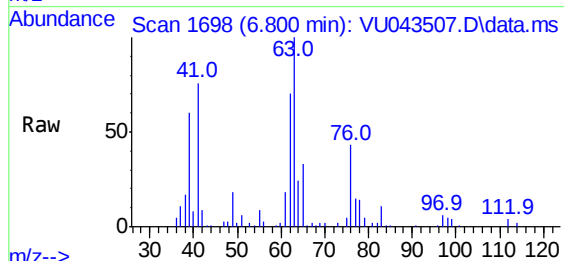




#37
1,2-Dichloropropane
Concen: 5.31 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

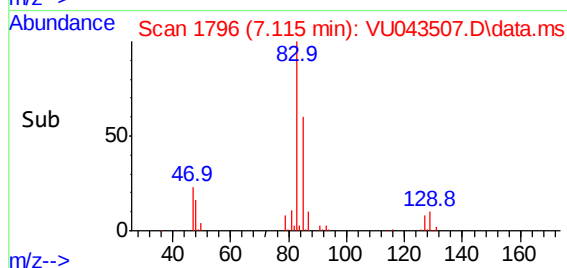
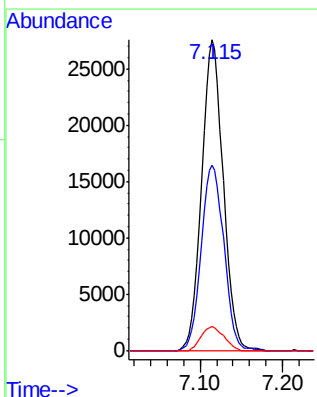
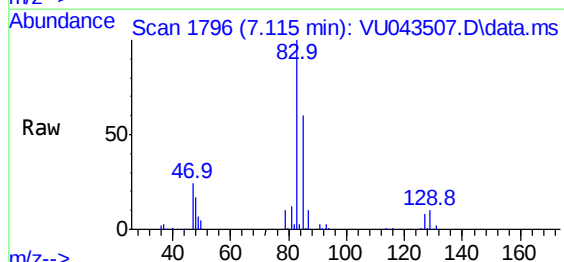
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

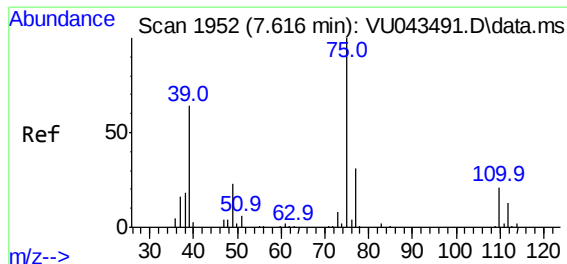
Tgt Ion: 63 Resp: 38578
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 5.31 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 83 Resp: 49989
Ion Ratio Lower Upper
83 100
85 59.7 43.3 80.5
127 7.7 6.2 9.4

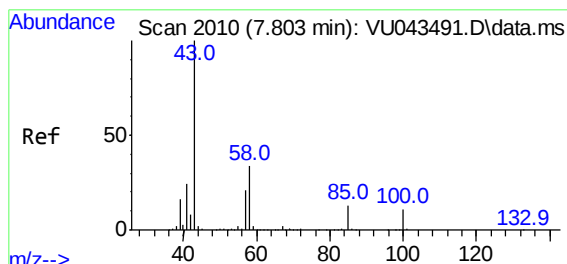
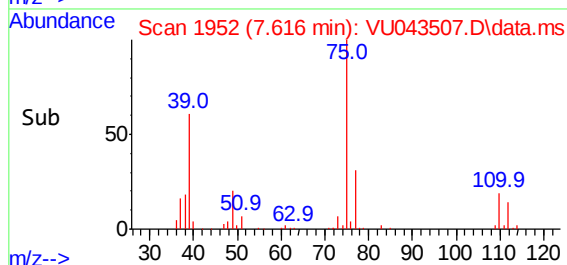
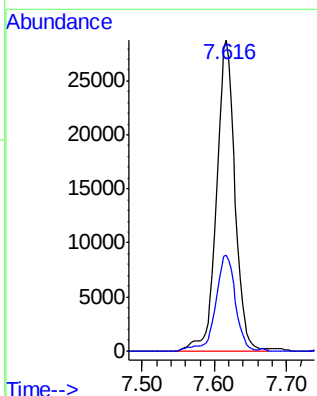
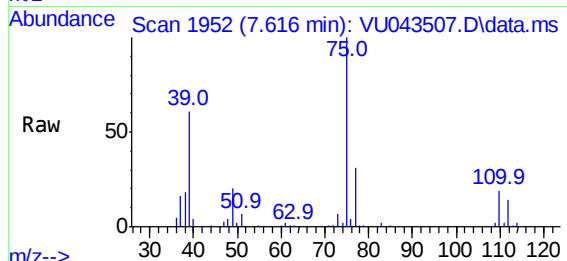




#39
cis-1,3-Dichloropropene
Concen: 5.25 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

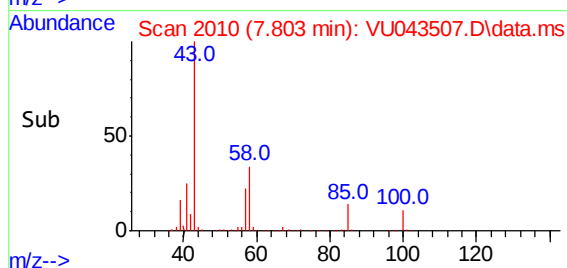
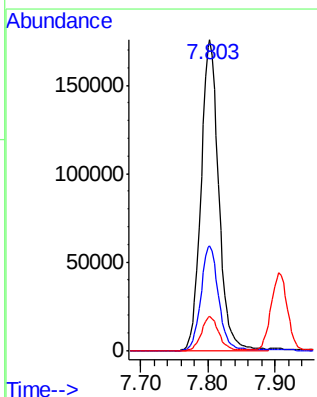
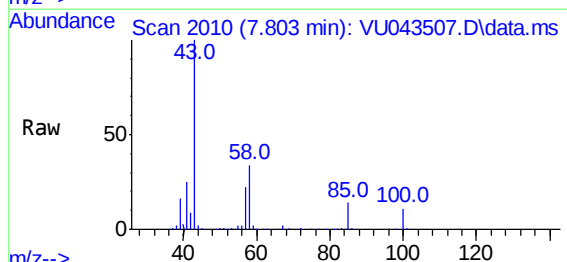
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

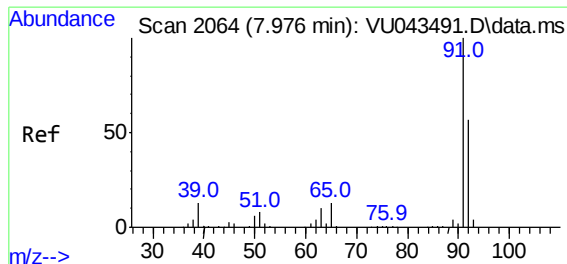
Tgt Ion: 75 Resp: 50564
Ion Ratio Lower Upper
75 100
77 30.7 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 54.02 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 43 Resp: 321336
Ion Ratio Lower Upper
43 100
58 33.7 26.9 40.3
100 10.7 8.6 13.0

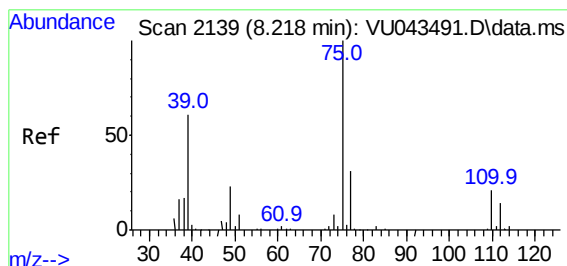
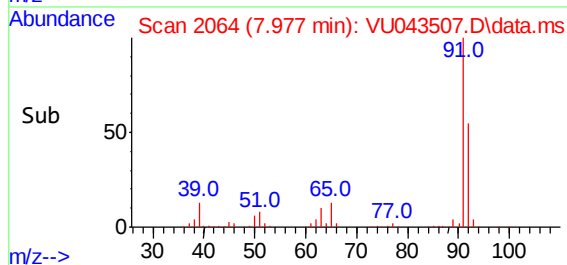
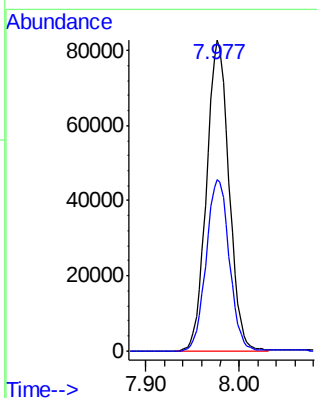
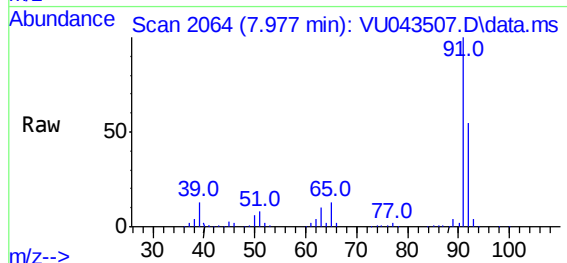




#42
Toluene
Concen: 5.45 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

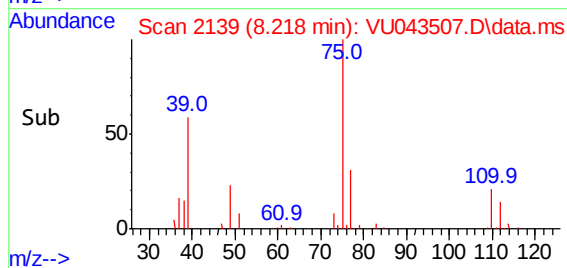
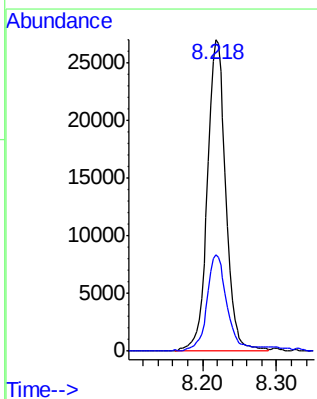
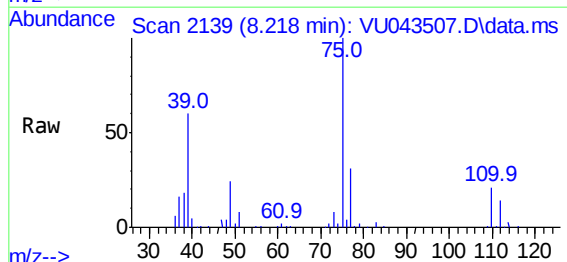
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

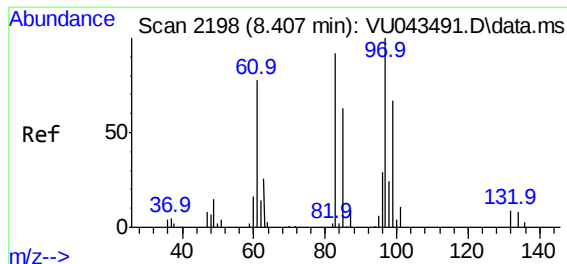
Tgt Ion: 91 Resp: 138732
Ion Ratio Lower Upper
91 100
92 55.2 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.27 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 75 Resp: 46306
Ion Ratio Lower Upper
75 100
77 30.9 23.3 43.3

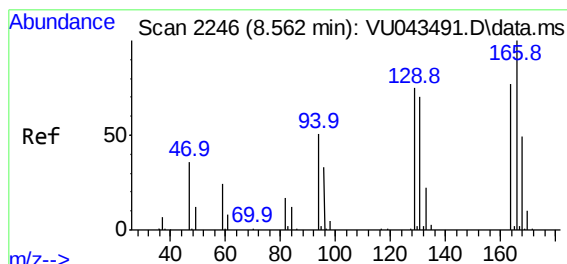
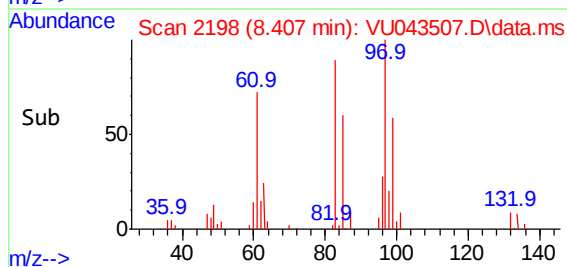
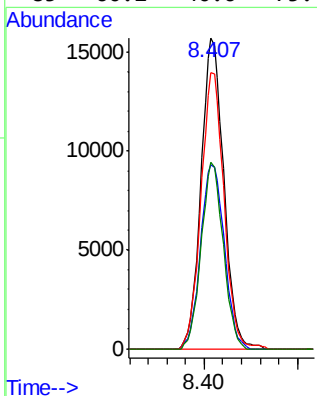
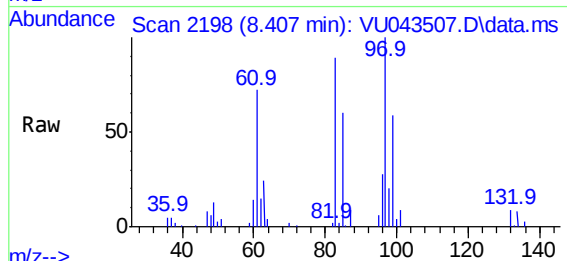




#45
1,1,2-Trichloroethane
Concen: 5.29 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

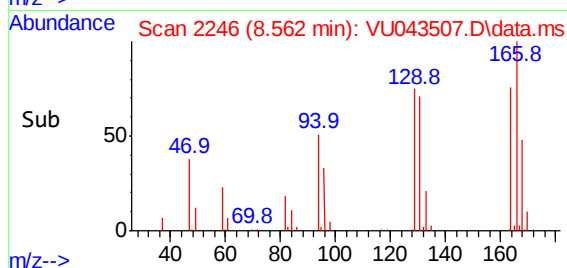
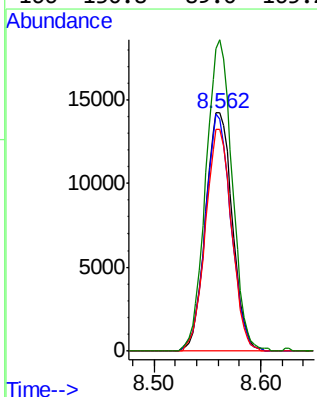
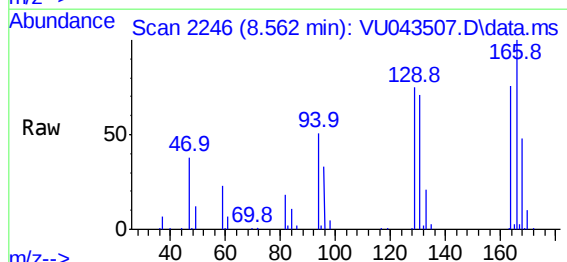
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

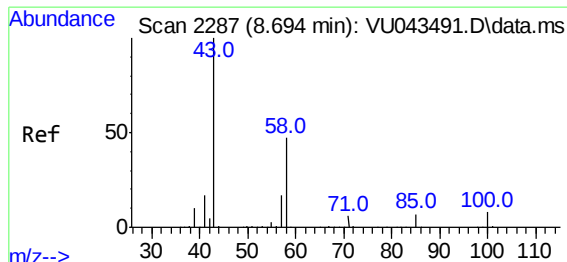
Tgt Ion:	97	Resp:	26572
Ion	Ratio	Lower	Upper
97	100		
99	59.2	42.6	79.0
83	89.1	64.1	119.1
85	60.2	40.6	75.4



#47
Tetrachloroethene
Concen: 5.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:	164	Resp:	24474
Ion	Ratio	Lower	Upper
164	100		
129	97.5	62.5	116.1
131	93.3	64.9	120.5
166	130.8	89.0	165.2

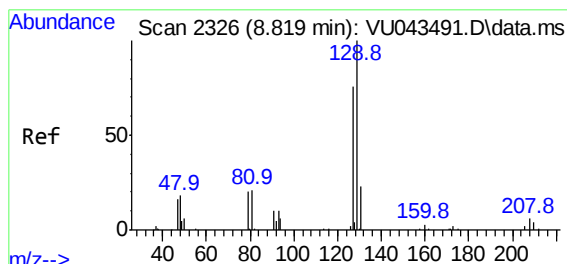
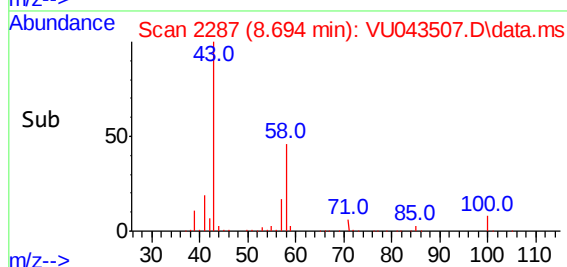
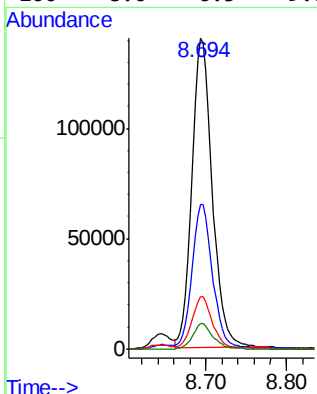
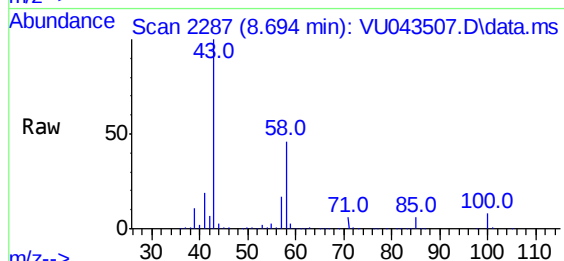




#48
2-Hexanone
Concen: 55.54 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

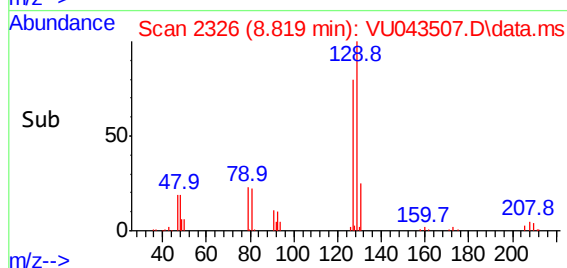
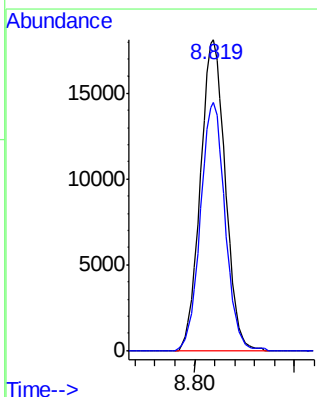
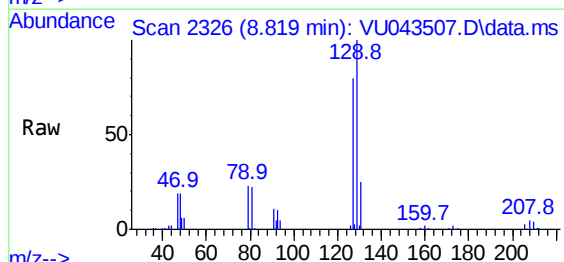
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

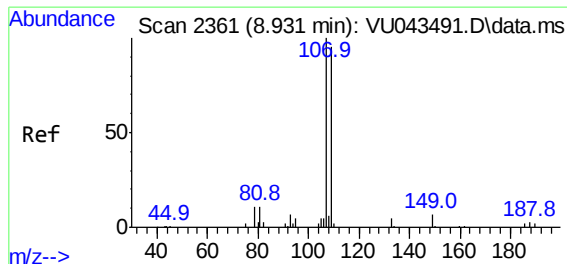
Tgt Ion: 43 Resp: 245098
Ion Ratio Lower Upper
43 100
58 47.6 36.8 55.2
57 17.0 13.2 19.8
100 8.0 6.5 9.7



#49
Dibromochloromethane
Concen: 5.15 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

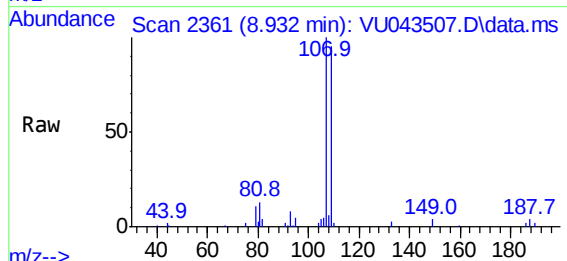
Tgt Ion: 129 Resp: 31303
Ion Ratio Lower Upper
129 100
127 79.9 52.4 97.4



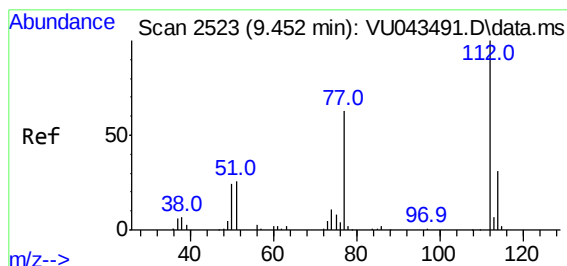
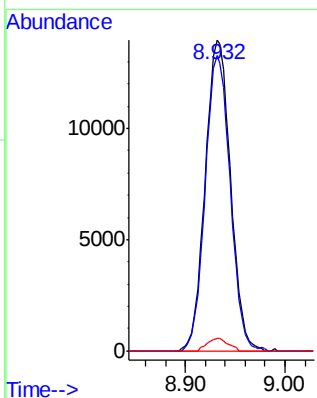
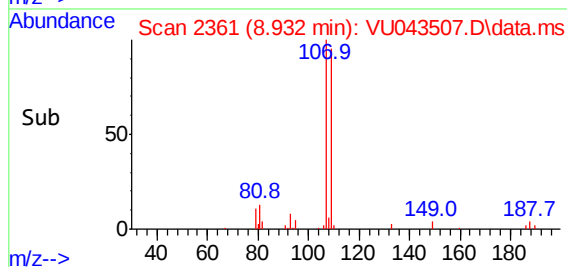


#50
1,2-Dibromoethane
Concen: 5.26 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

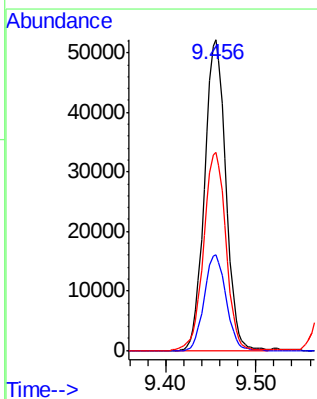
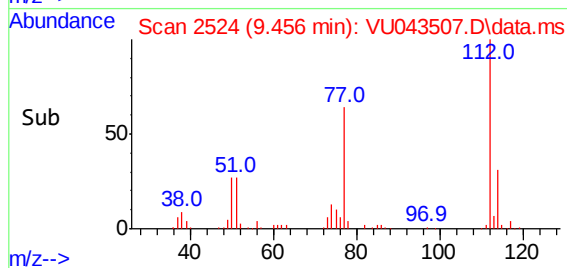
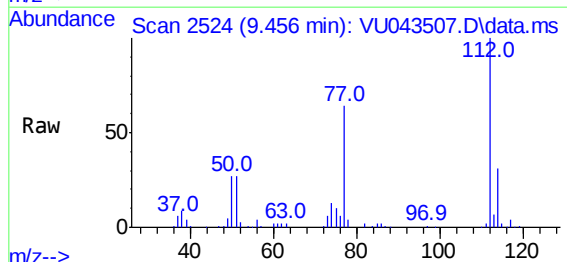


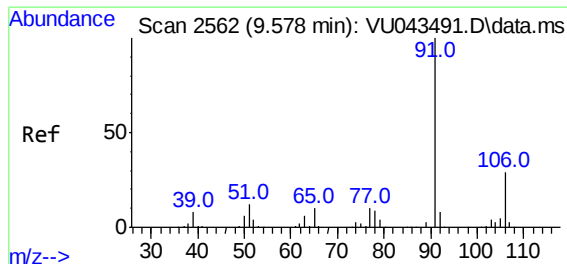
Tgt Ion:107 Resp: 24606
Ion Ratio Lower Upper
107 100
109 95.0 67.6 125.6
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 5.23 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:112 Resp: 84693
Ion Ratio Lower Upper
112 100
114 30.6 22.0 41.0
77 63.8 51.0 76.4

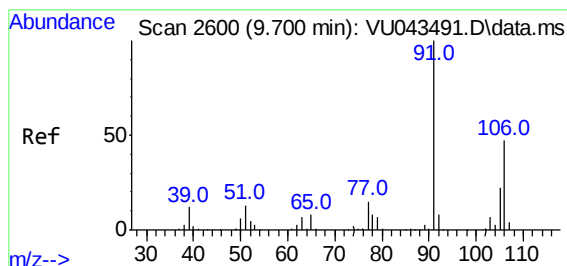
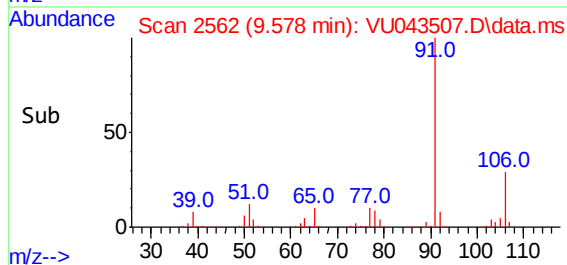
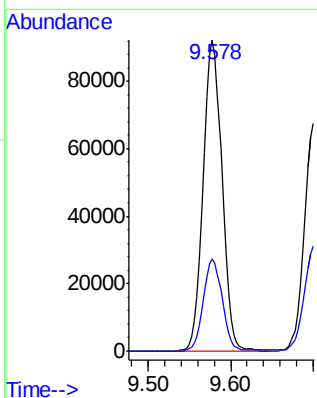
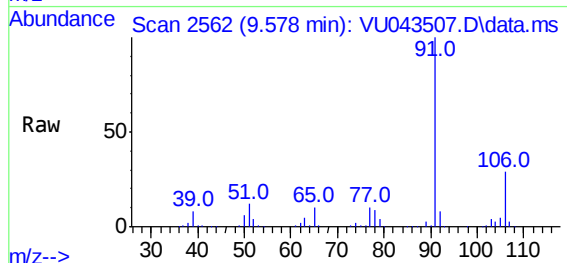




#52
Ethylbenzene
Concen: 5.38 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

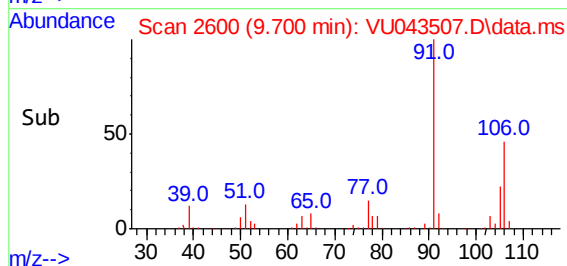
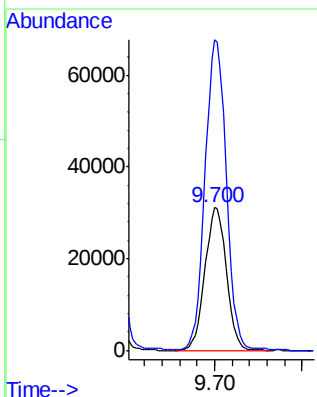
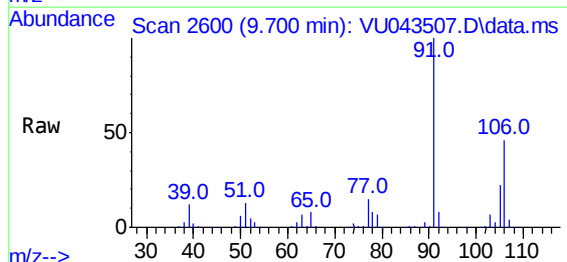
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

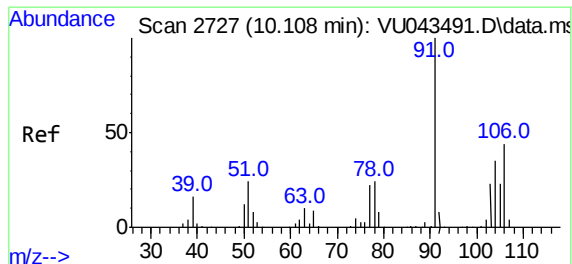
Tgt Ion: 91 Resp: 145266
Ion Ratio Lower Upper
91 100
106 29.5 20.5 38.1



#53
m,p-Xylene
Concen: 5.42 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 106 Resp: 53143
Ion Ratio Lower Upper
106 100
91 217.4 150.3 279.1

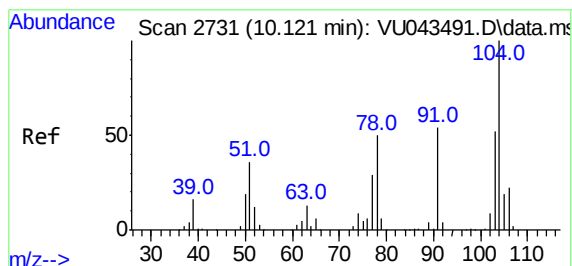
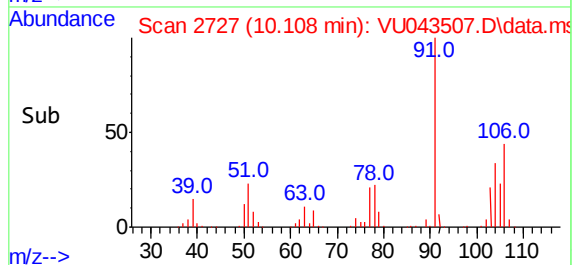
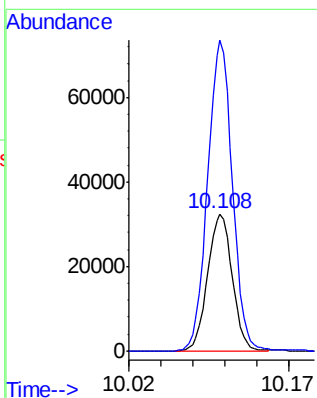
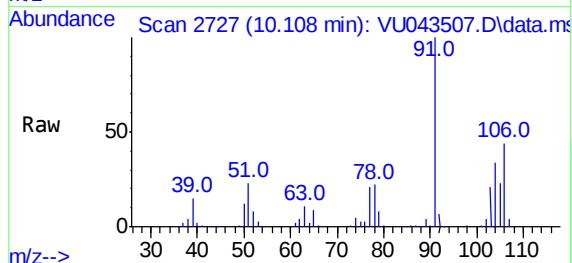




#54
o-Xylene
Concen: 5.37 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

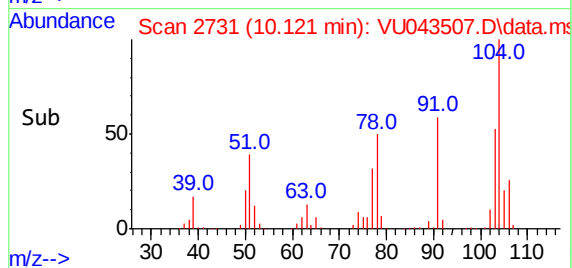
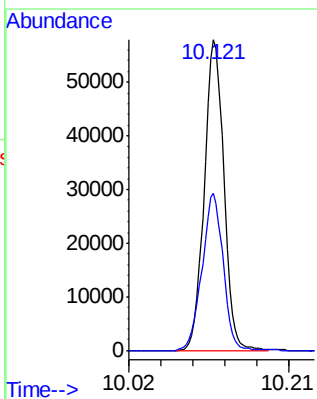
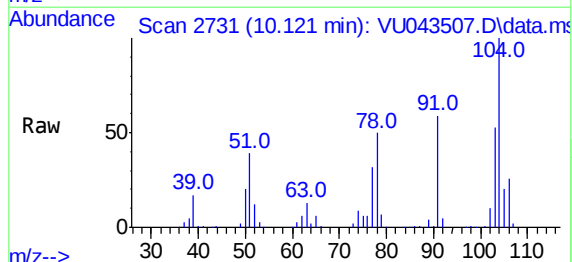
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

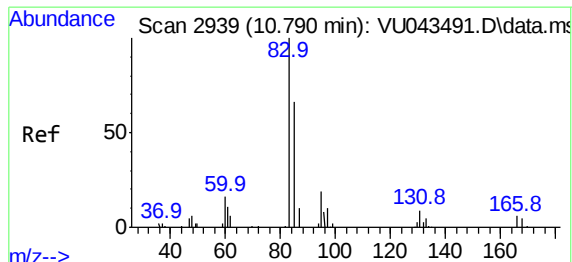
Tgt Ion:106 Resp: 51163
Ion Ratio Lower Upper
106 100
91 226.4 157.3 292.1



#55
Styrene
Concen: 5.53 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:104 Resp: 92378
Ion Ratio Lower Upper
104 100
78 50.5 35.3 65.5

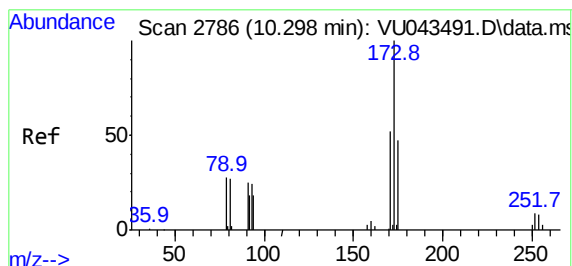
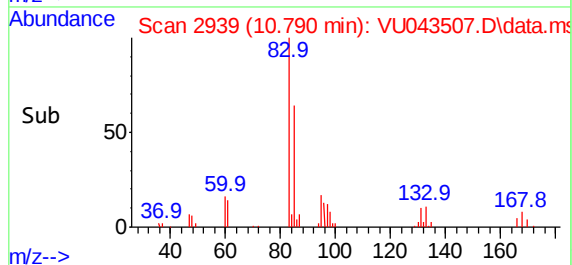
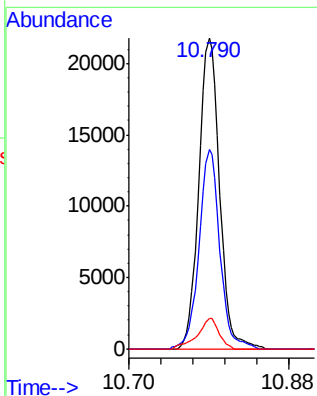
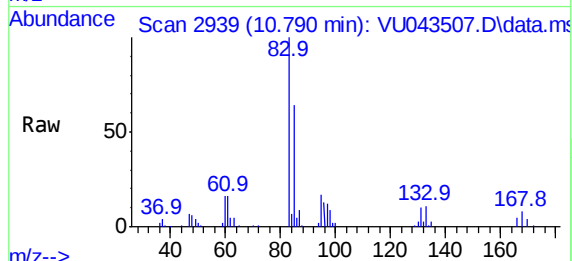




#57
1,1,2,2-Tetrachloroethane
Concen: 5.28 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

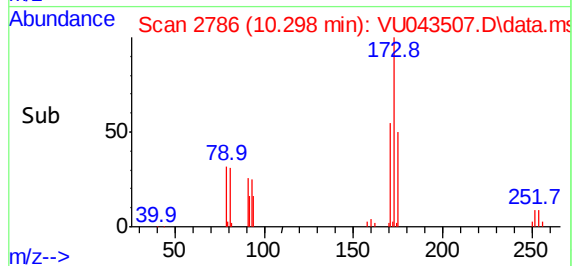
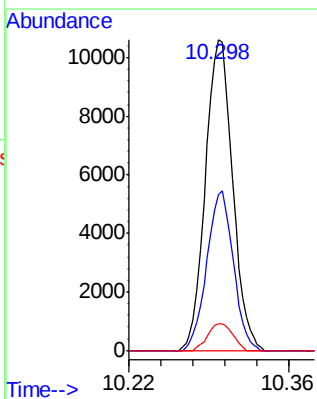
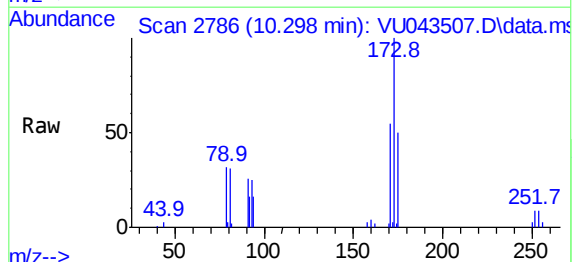
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

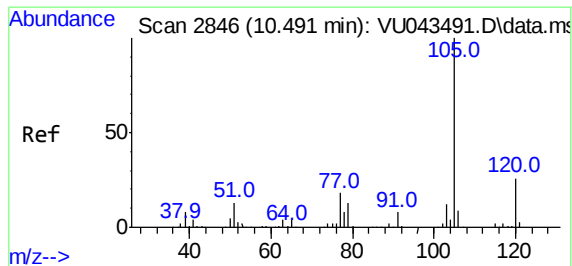
Tgt Ion: 83 Resp: 35772
Ion Ratio Lower Upper
83 100
85 64.2 42.6 79.0
131 9.9 7.4 11.2



#59
Bromoform
Concen: 5.14 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 173 Resp: 18111
Ion Ratio Lower Upper
173 100
175 49.8 39.4 59.0
254 7.8 5.9 8.9

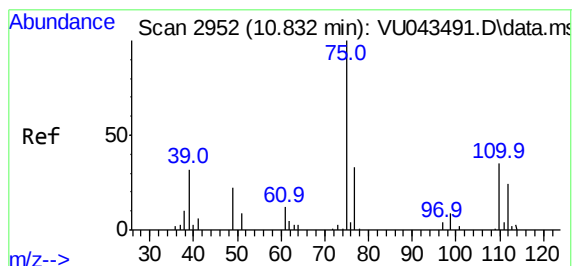
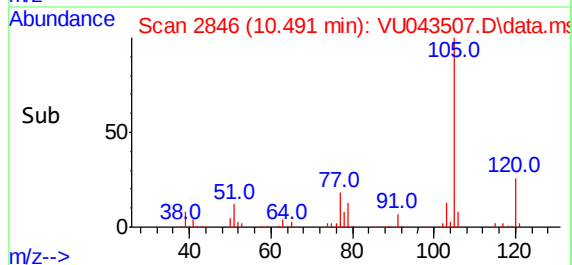
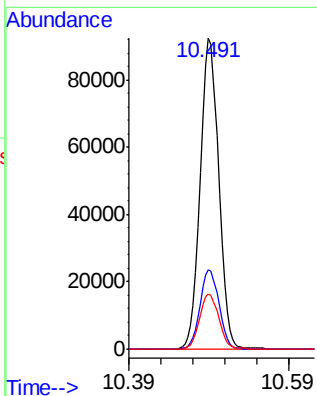
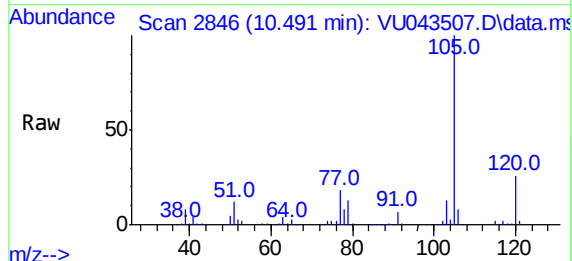




#60
Isopropylbenzene
Concen: 5.38 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

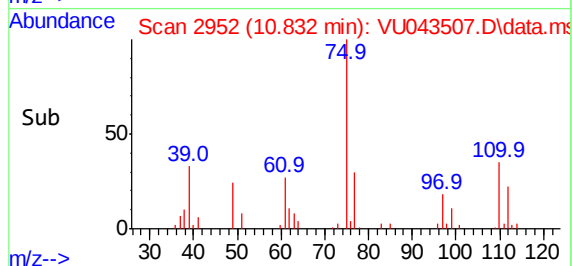
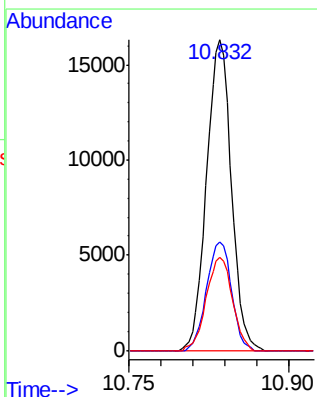
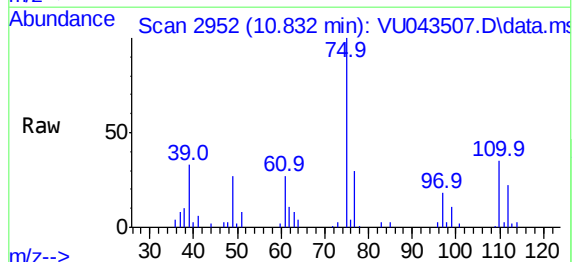
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

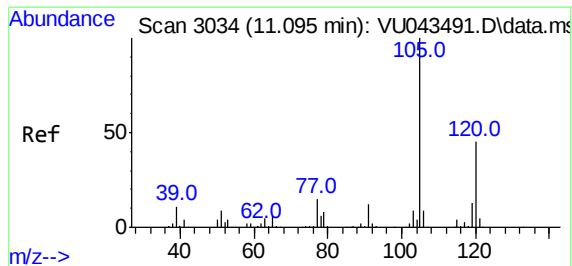
Tgt Ion:105 Resp: 142060
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 18.3 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.30 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 75 Resp: 25954
Ion Ratio Lower Upper
75 100
110 35.2 28.6 42.8
77 31.7 25.7 38.5

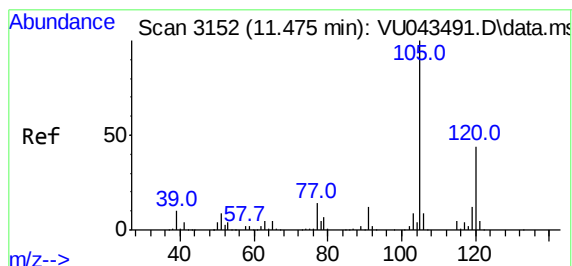
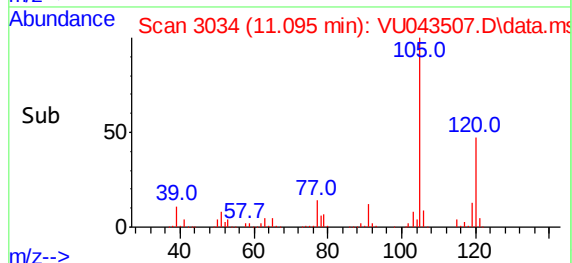
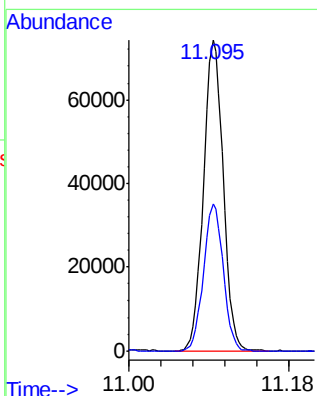
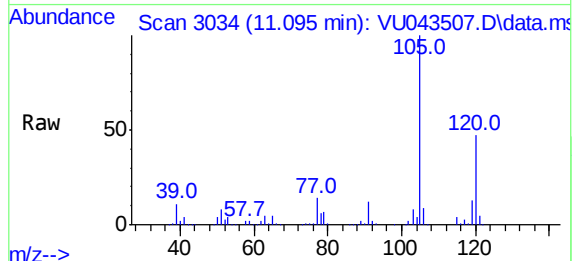




#62
1,3,5-Trimethylbenzene
Concen: 5.37 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

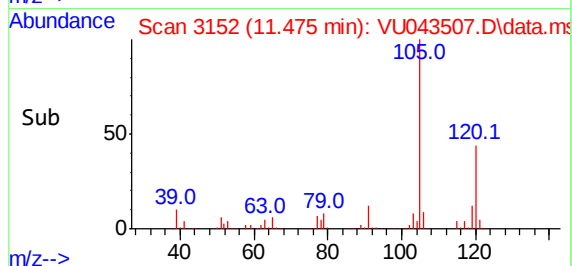
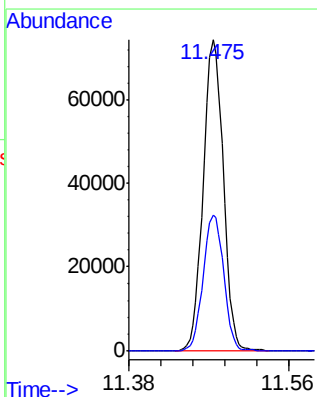
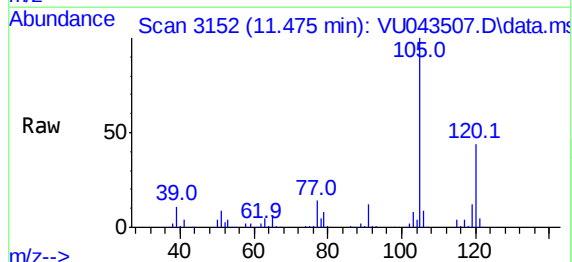
Instrument :
MSVOA_U
ClientSampleId :
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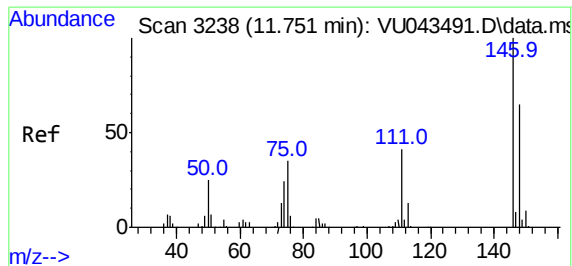
Tgt Ion:105 Resp: 111424
Ion Ratio Lower Upper
105 100
120 47.1 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.48 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:105 Resp: 113842
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.0

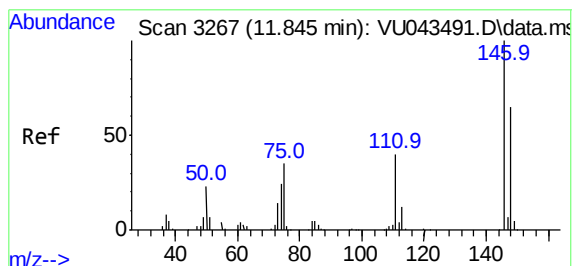
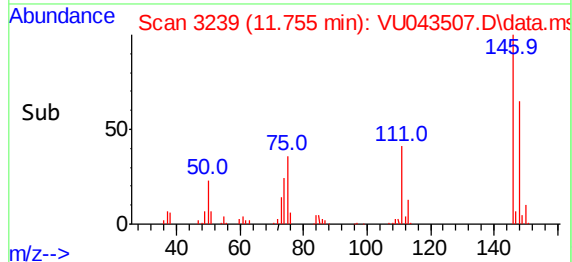
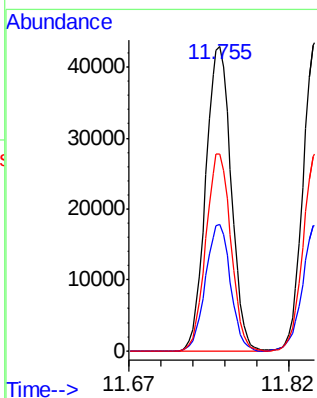
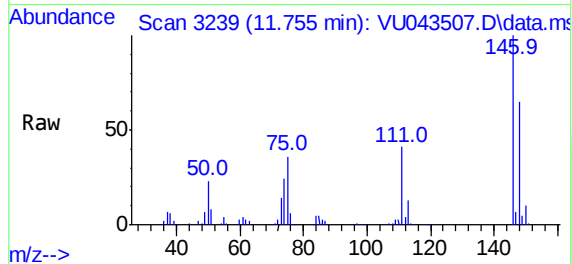




#64
1,3-Dichlorobenzene
Concen: 5.35 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

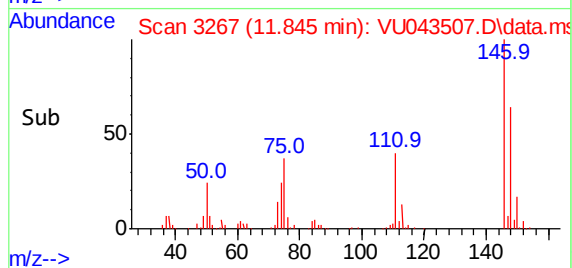
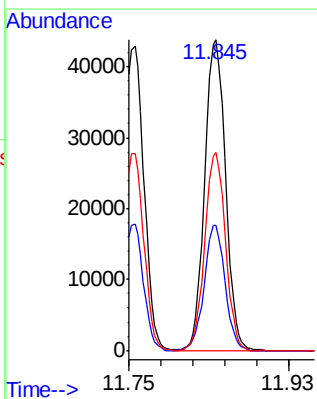
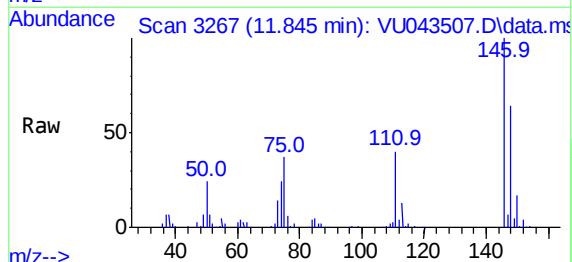
Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

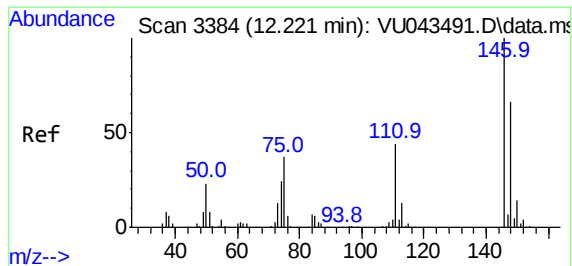
Tgt Ion:146 Resp: 69992
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 64.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.21 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:146 Resp: 69967
Ion Ratio Lower Upper
146 100
111 40.4 27.6 51.2
148 63.9 44.6 82.8

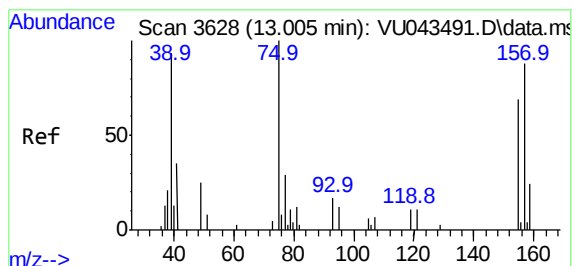
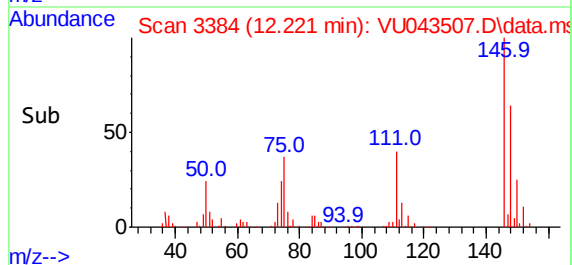
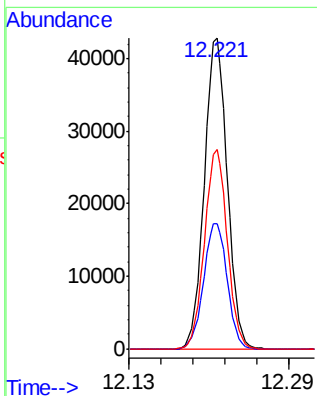
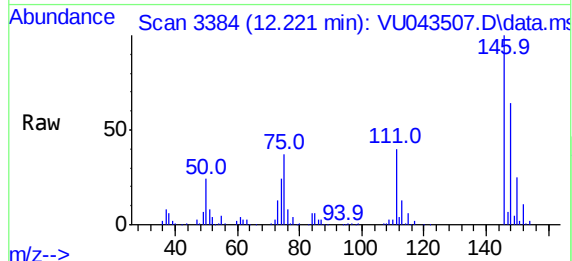




#67
1,2-Dichlorobenzene
Concen: 5.18 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

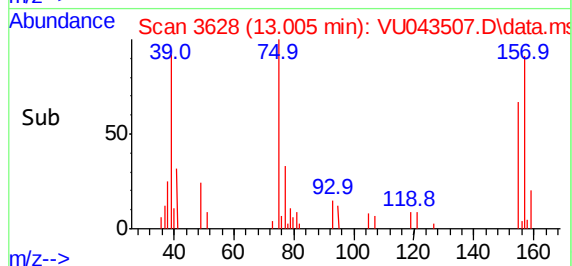
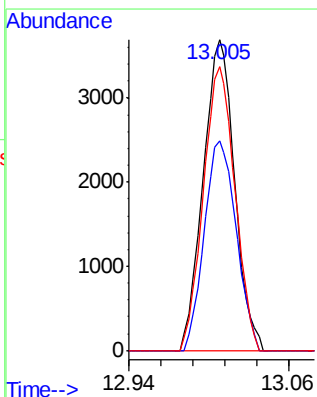
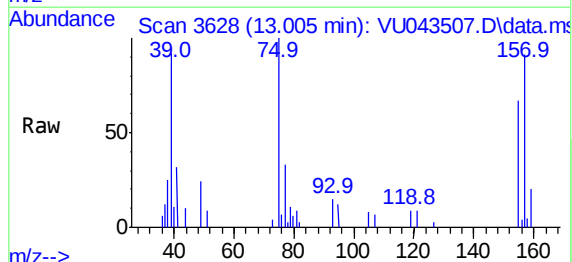
Instrument :
MSVOA_U
ClientSampleId :
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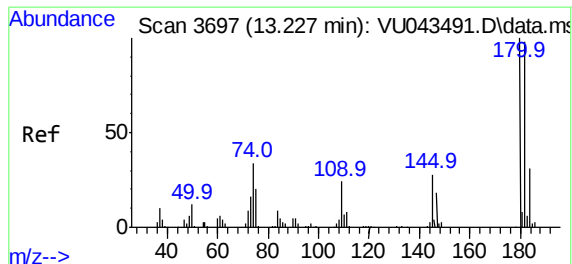
Tgt Ion:146 Resp: 68232
Ion Ratio Lower Upper
146 100
111 40.4 32.6 49.0
148 64.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.98 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion: 75 Resp: 5817
Ion Ratio Lower Upper
75 100
155 67.4 57.8 86.6
157 91.2 68.5 102.7

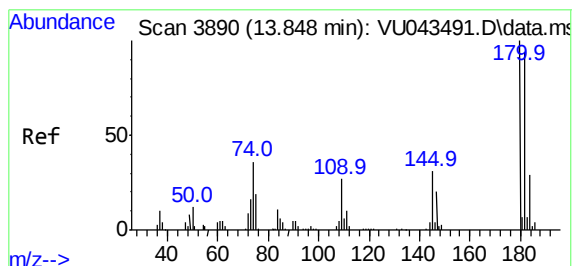
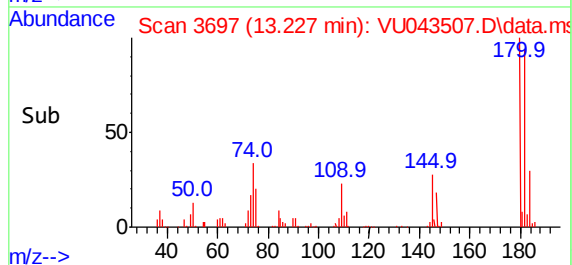
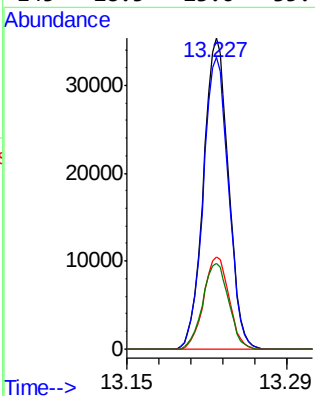
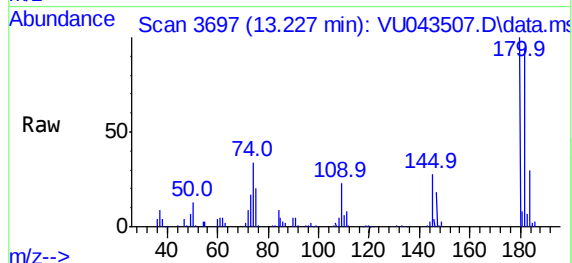




#69
 1,3,5-Trichlorobenzene
 Concen: 5.32 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

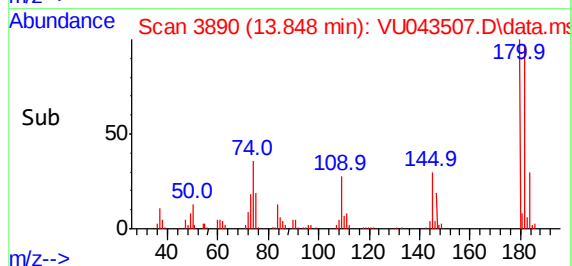
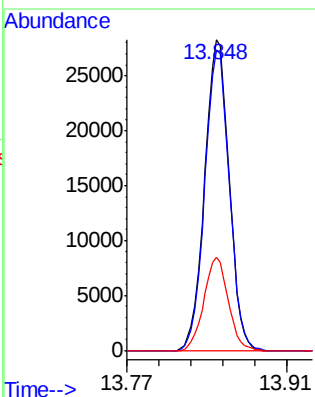
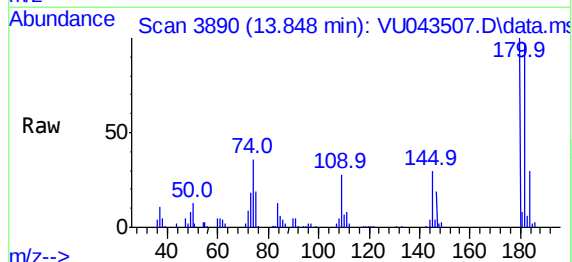
Instrument :
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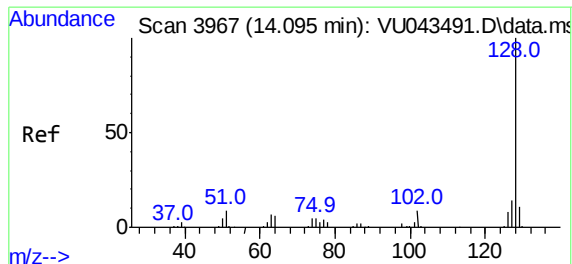
Tgt Ion:180 Resp: 55044
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 184 29.9 24.1 36.1
 145 28.5 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.06 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043507.D
 Acq: 04 May 2021 09:27

Tgt Ion:180 Resp: 43195
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.9 113.9
 145 29.9 24.6 37.0

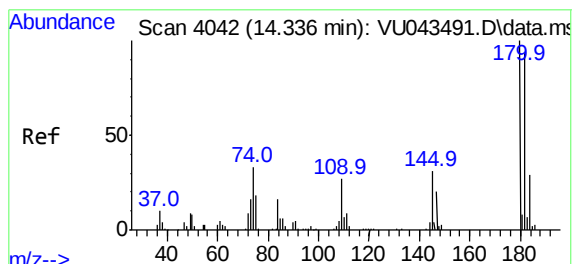
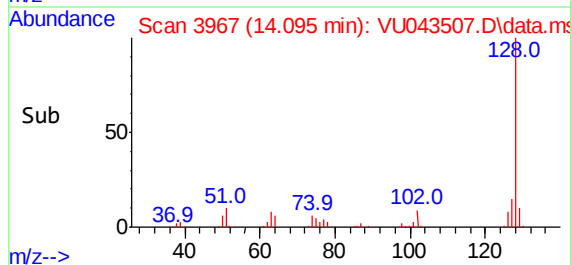
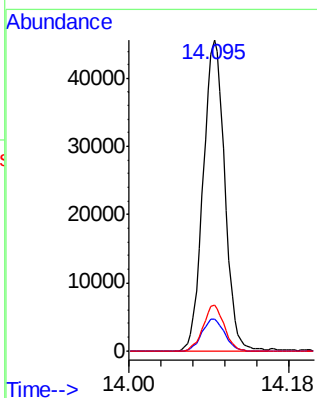
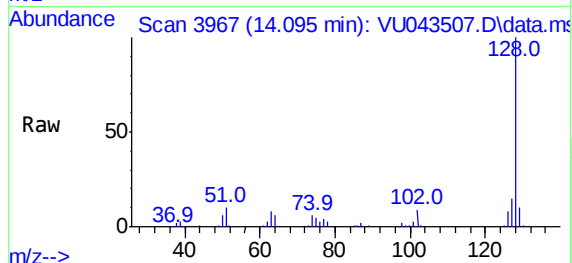




#71
Naphthalene
Concen: 4.98 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043507.D
Acq: 04 May 2021 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005158

Tgt Ion:128 Resp: 73250
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 14.2 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: VU043507.D
Acq: 04 May 2021 09:27

Tgt Ion:180 Resp: 42223
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 33.1 25.7 38.5

