

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020821\
 Data File : VW020825.D
 Acq On : 08 Feb 2021 15:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Feb 09 01:49:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	538159	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	508962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	272657	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168205	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.568	69	154773	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.111	63	321418	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.68%
21) 2-Butanone-d5	3.883	46	241909	110.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	4.349	84	362398	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.031	65	237872	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.48%
32) Benzene-d6	5.050	84	677982	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.069	67	214513	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.317	98	612368	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloroprop...	7.622	79	106974	53.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.62%
47) 2-Hexanone-d5	8.088	63	182764	111.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.59%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	312680	55.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.62%
64) 1,2-Dichlorobenzene-d4	11.632	152	259992	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	177312	37.05	ug/L 100
3) Chloromethane	1.243	50	207172	48.70	ug/L 98
5) Vinyl chloride	1.314	62	204737	44.70	ug/L 99
6) Bromomethane	1.523	94	153557	53.64	ug/L 96
8) Chloroethane	1.587	64	144712	50.52	ug/L 100
9) Trichlorofluoromethane	1.754	101	260309	40.00	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	140597	40.59	ug/L 93
12) 1,1-Dichloroethene	2.121	96	150913	45.21	ug/L 77
13) Acetone	2.179	43	173358	112.03	ug/L 95
14) Carbon disulfide	2.294	76	437160	44.43	ug/L 100
15) Methyl Acetate	2.433	43	181253	55.05	ug/L 91
16) Methylene chloride	2.507	84	202536	55.39	ug/L 87
17) trans-1,2-Dichloroethene	2.761	96	168792	48.77	ug/L 93
18) Methyl tert-butyl Ether	2.767	73	594977	56.61	ug/L 96
19) 1,1-Dichloroethane	3.191	63	329965	52.48	ug/L 99
20) cis-1,2-Dichloroethene	3.912	96	199808	53.67	ug/L 88
22) 2-Butanone	3.970	43	254145	115.49	ug/L 93
23) Bromochloromethane	4.246	128	110520	54.90	ug/L # 83
25) Chloroform	4.375	83	352694	53.57	ug/L 99
27) 1,2-Dichloroethane	5.130	62	293569	56.32	ug/L 97

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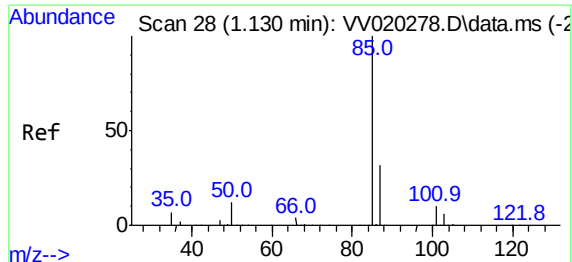
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	206576	40.03	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	271170	47.98	ug/L	98
31) Carbon tetrachloride	4.828	117	220796	44.92	ug/L	99
33) Benzene	5.098	78	725458	53.31	ug/L	100
34) Trichloroethene	5.915	95	182532	48.81	ug/L	93
35) Methylcyclohexane	6.133	83	228479	40.35	ug/L	92
37) 1,2-Dichloropropane	6.175	63	193755	56.21	ug/L	98
38) Bromodichloromethane	6.510	83	262968	55.50	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	294559	53.96	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	497499	114.46	ug/L #	93
42) Toluene	7.387	91	749935	50.10	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	296625	55.87	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	198482	55.95	ug/L	98
46) Tetrachloroethene	7.979	164	134425	43.99	ug/L	94
48) 2-Hexanone	8.140	43	386898	116.35	ug/L #	92
49) Dibromochloromethane	8.249	129	216641	55.34	ug/L	98
50) 1,2-Dibromoethane	8.355	107	213415	56.16	ug/L	98
51) Chlorobenzene	8.883	112	499286	49.72	ug/L	97
52) Ethylbenzene	9.014	91	787125	47.61	ug/L	98
53) m,p-Xylene	9.143	106	298868	47.47	ug/L	92
54) o-xylene	9.548	106	302165	49.30	ug/L	95
55) Styrene	9.564	104	544053	51.59	ug/L	96
56) Isopropylbenzene	9.934	105	747704	45.46	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	315559	56.46	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	260443	56.35	ug/L	100
61) Bromoform	9.735	173	155607	56.09	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	398692	49.43	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	411273	49.73	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	417188	51.81	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	67896	54.96	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	302443	48.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.271	180	283065	50.65	ug/L	98
69) Naphthalene	13.509	128	925271	57.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	290337	52.18	ug/L	97

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

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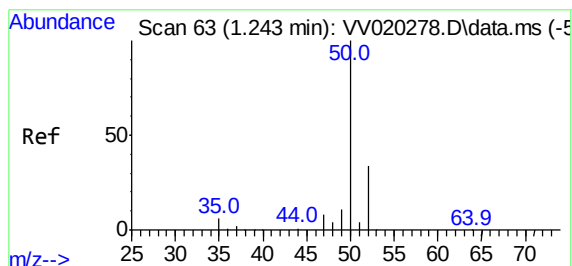
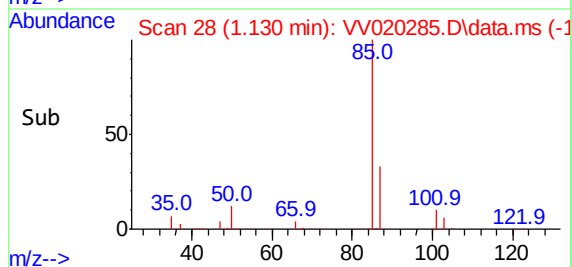
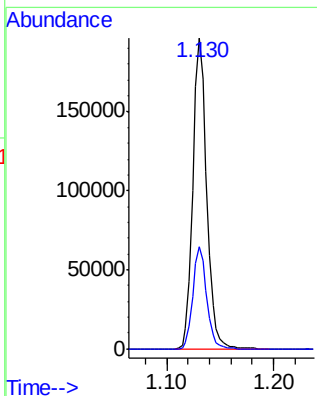
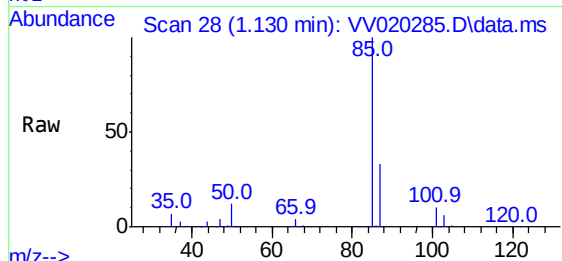


#2

Dichlorodifluoromethane
Concen: 37.05 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

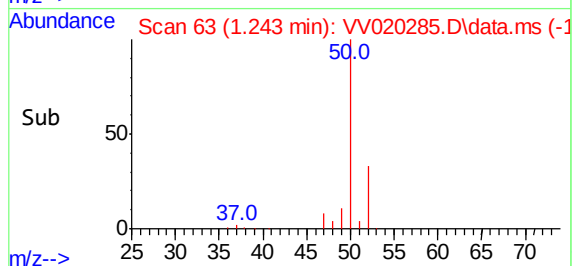
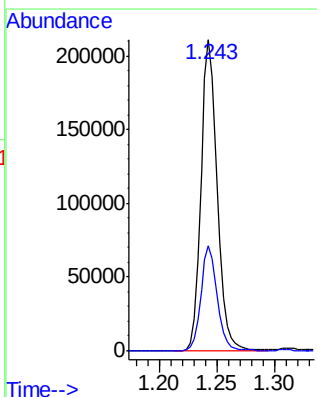
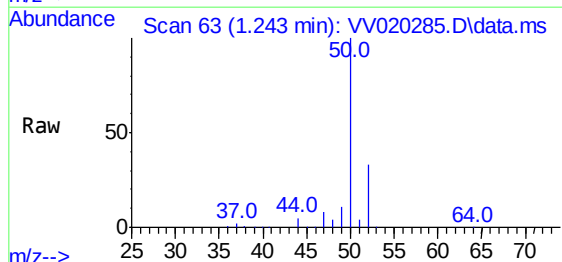
Tgt Ion: 85 Resp: 177312
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9

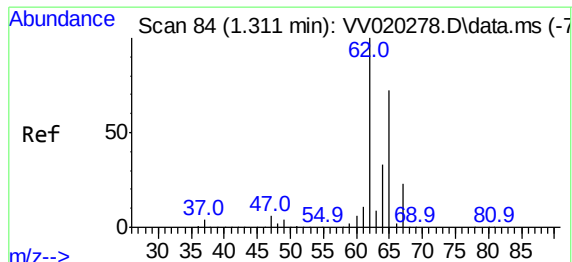


#3

Chloromethane
Concen: 48.70 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 50 Resp: 207172
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.1

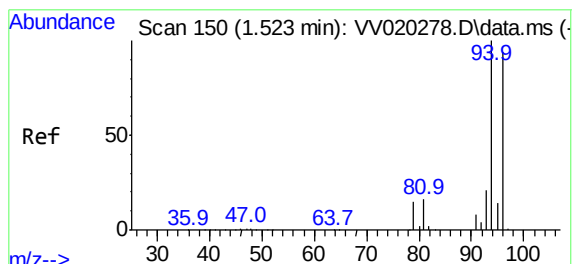
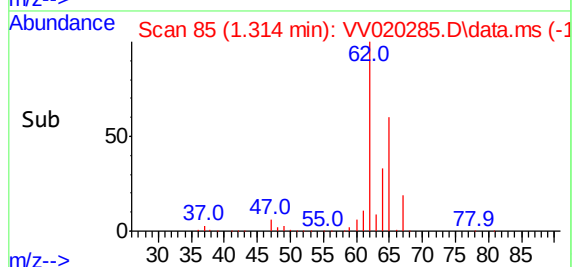
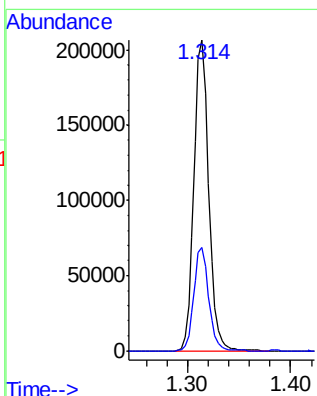
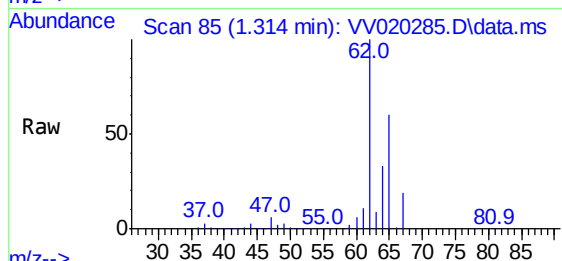




#5
 Vinyl chloride
 Concen: 44.70 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

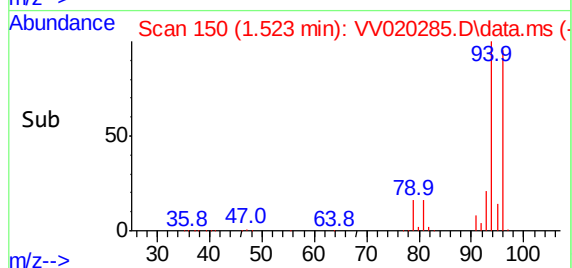
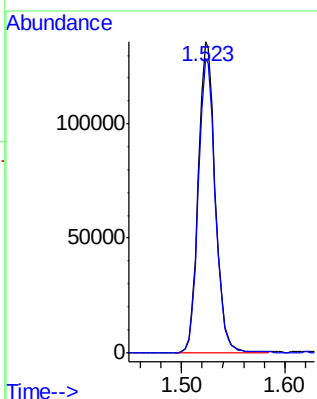
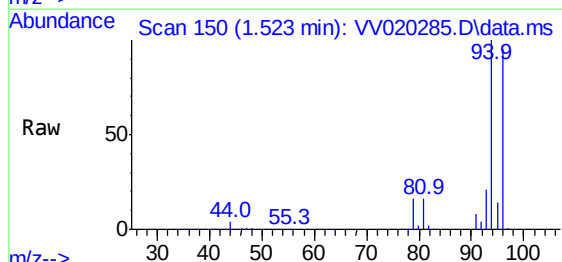
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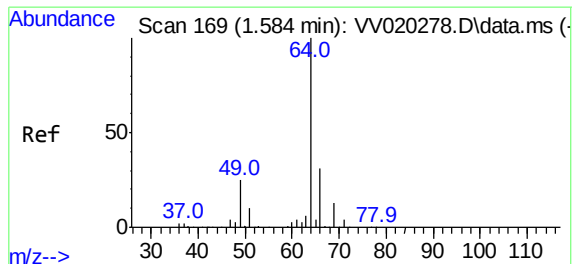
Tgt Ion: 62 Resp: 204737
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6



#6
 Bromomethane
 Concen: 53.64 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

Tgt Ion: 94 Resp: 153557
 Ion Ratio Lower Upper
 94 100
 96 94.5 63.6 118.2

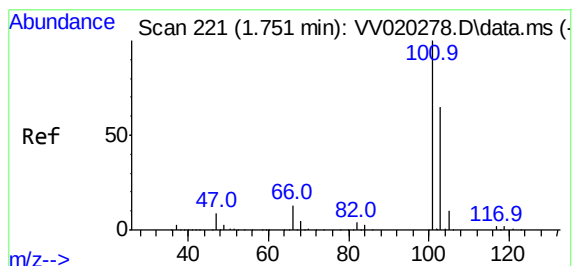
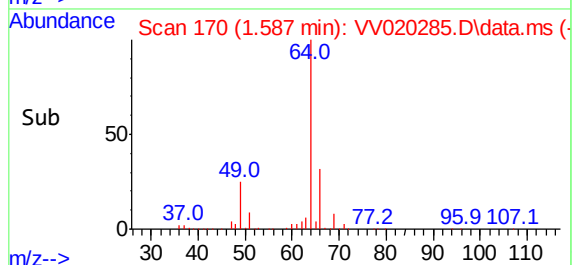
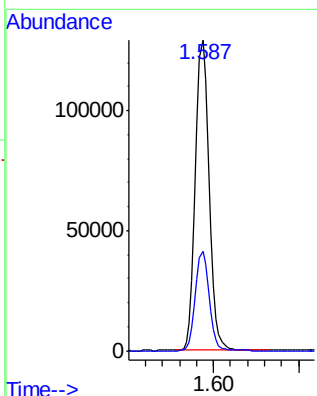
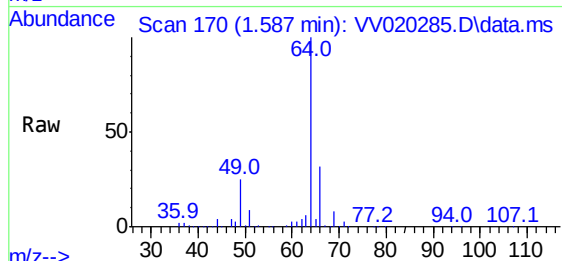




#8
Chloroethane
Concen: 50.52 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

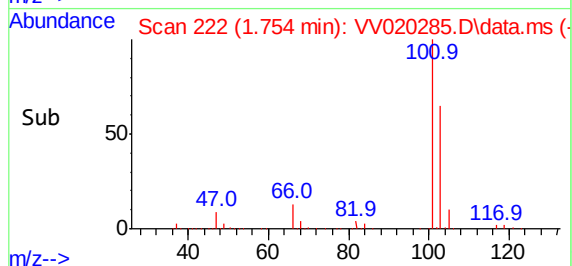
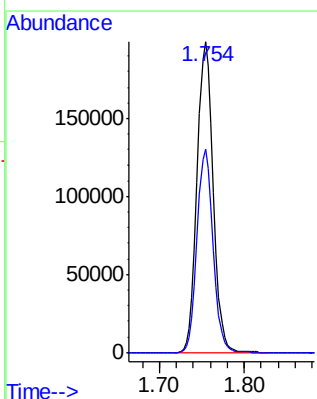
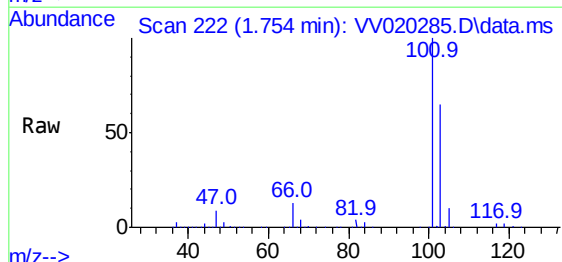
Instrument :
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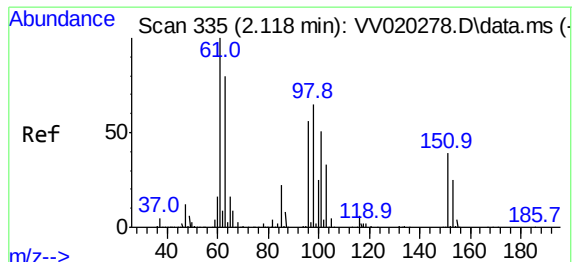
Tgt Ion: 64 Resp: 144712
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 40.00 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:101 Resp: 260309
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

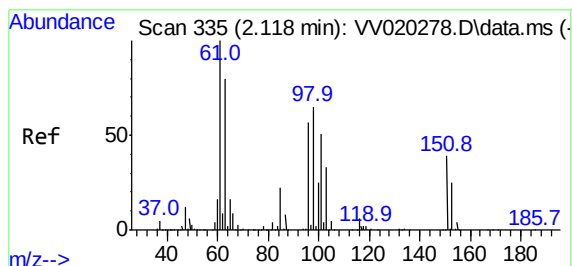
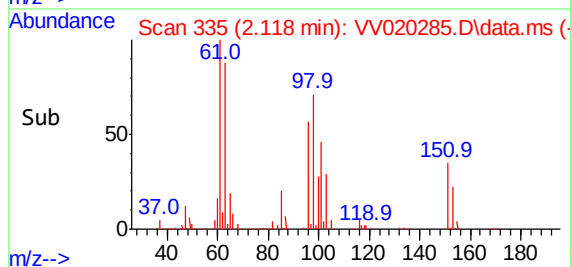
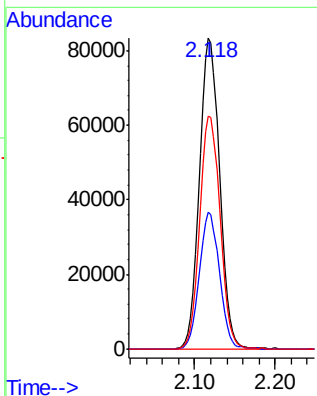
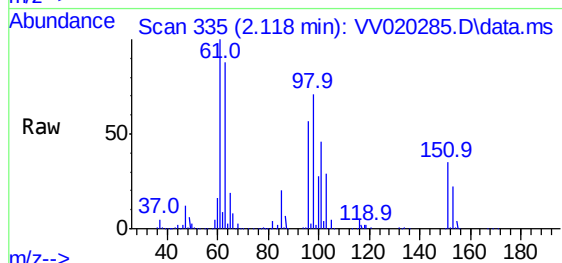




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.59 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

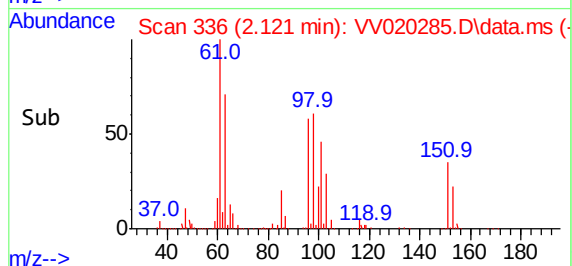
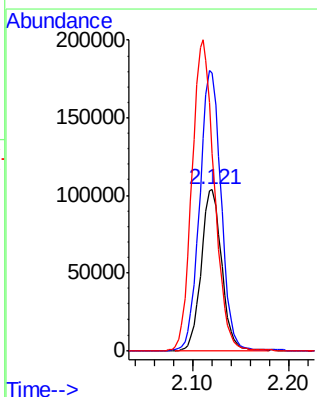
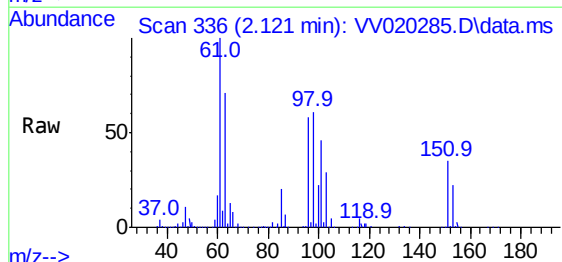
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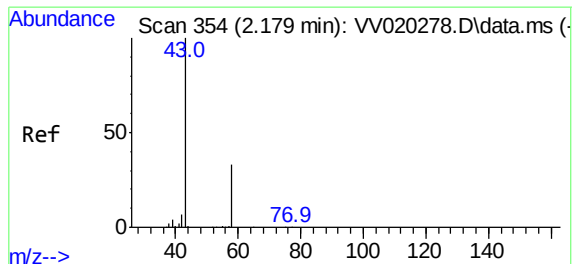
Tgt Ion:101 Resp: 140597
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.3 52.9
 151 75.4 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 45.21 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

Tgt Ion: 96 Resp: 150913
 Ion Ratio Lower Upper
 96 100
 61 172.8 134.9 250.5
 63 122.4 117.6 218.4

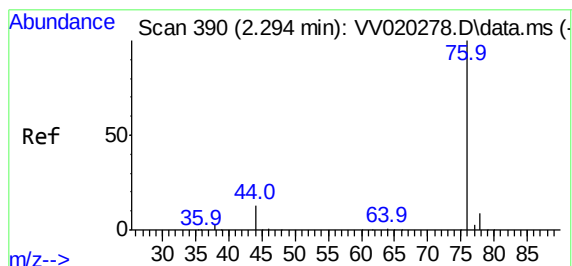
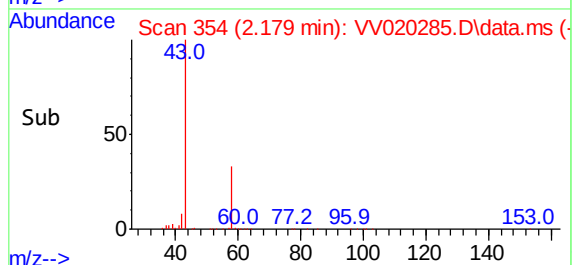
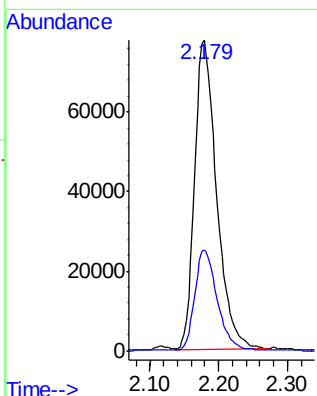
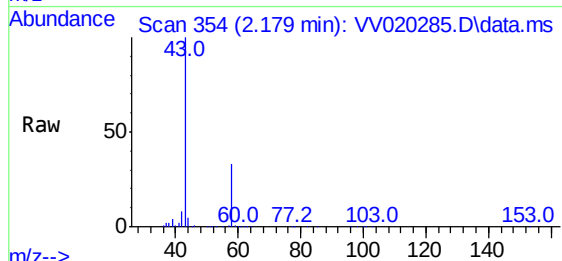




#13
Acetone
Concen: 112.03 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

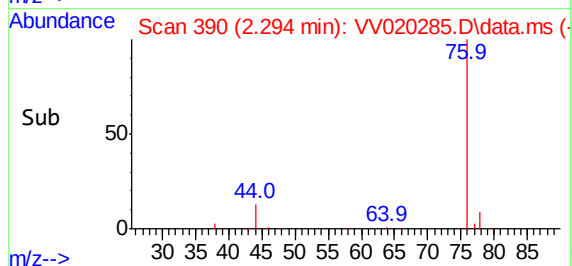
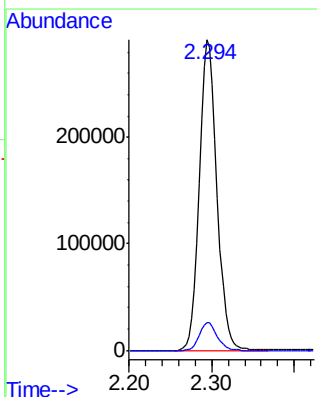
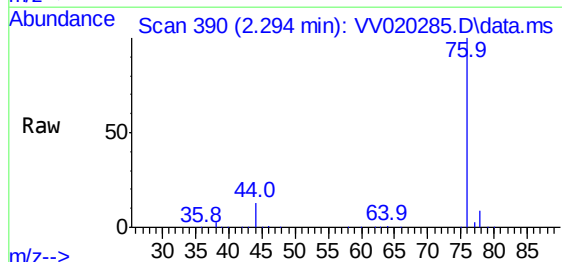
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

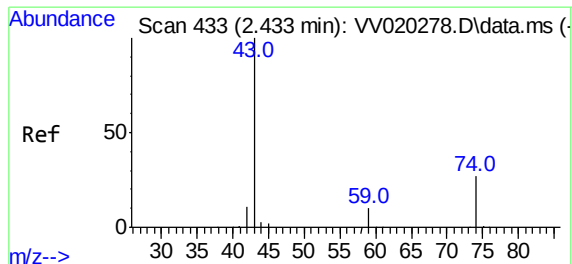
Tgt Ion: 43 Resp: 173358
Ion Ratio Lower Upper
43 100
58 32.8 0.0 60.2



#14
Carbon disulfide
Concen: 44.43 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 76 Resp: 437160
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

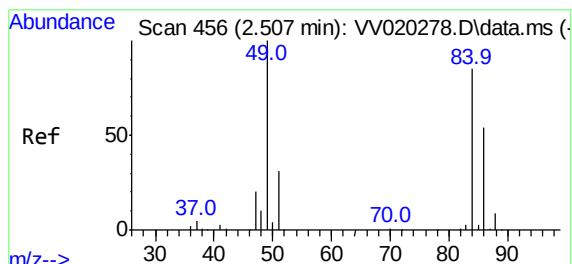
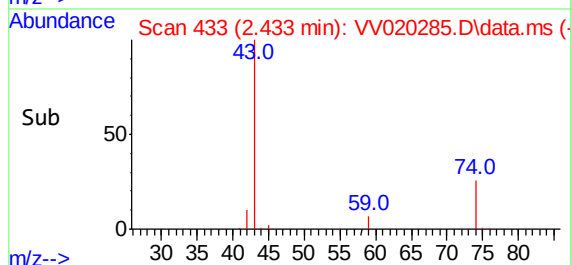
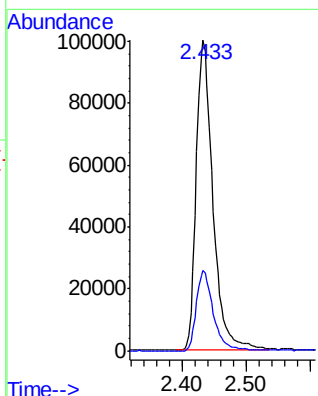
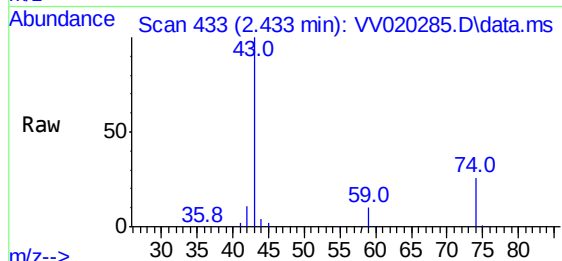




#15
Methyl Acetate
Concen: 55.05 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

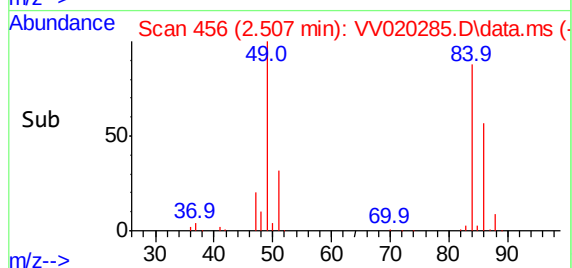
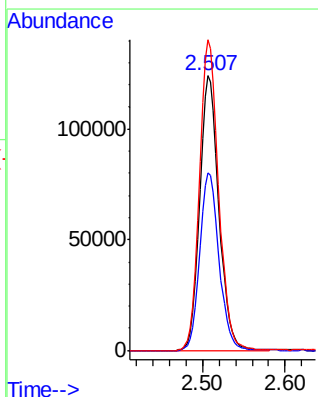
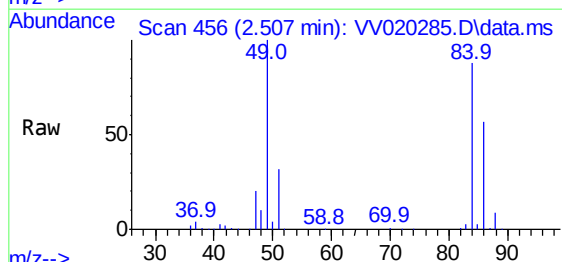
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

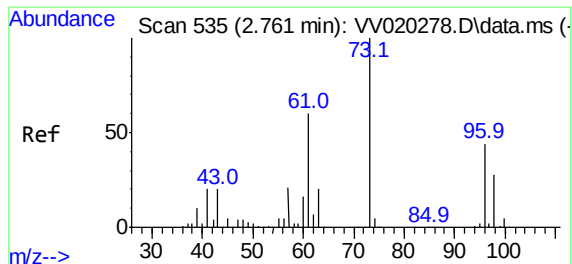
Tgt Ion: 43 Resp: 181253
Ion Ratio Lower Upper
43 100
74 26.4 17.6 26.4



#16
Methylene chloride
Concen: 55.39 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 84 Resp: 202536
Ion Ratio Lower Upper
84 100
86 64.5 44.6 82.8
49 113.2 94.6 175.8

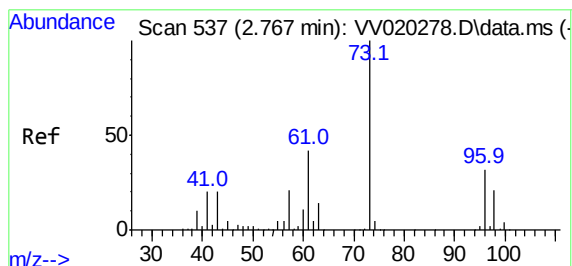
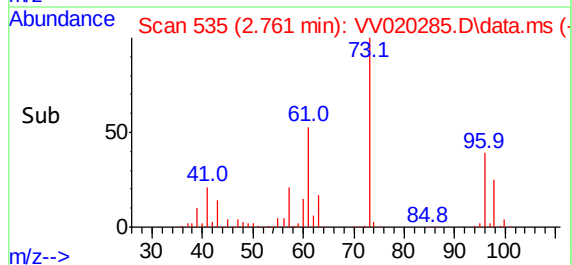
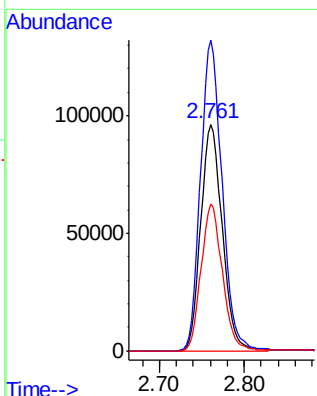
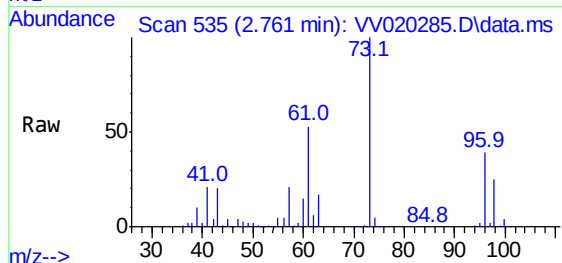




#17
trans-1,2-Dichloroethene
Concen: 48.77 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

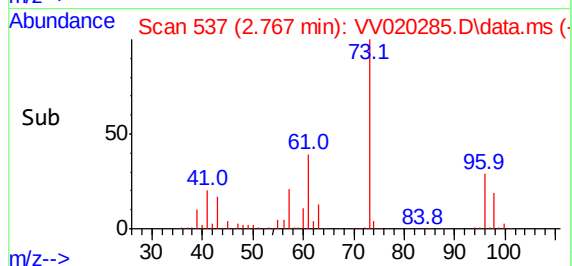
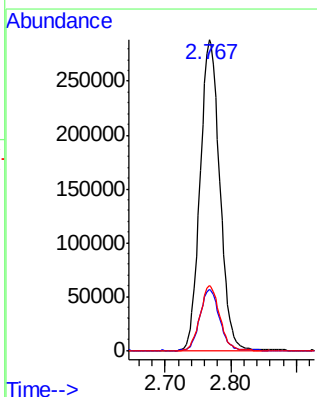
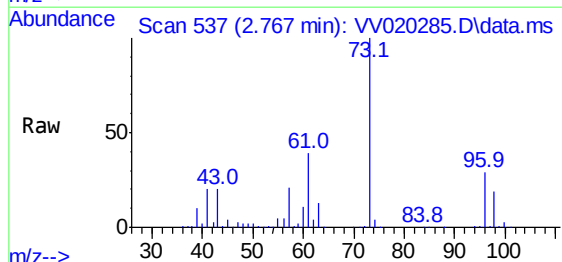
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

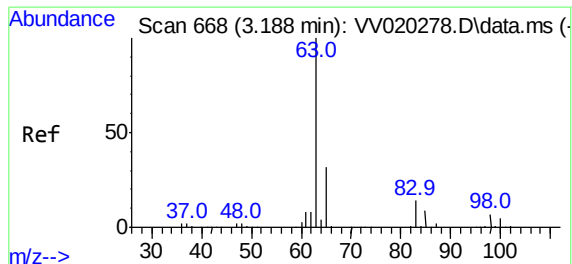
Tgt Ion: 96 Resp: 168792
Ion Ratio Lower Upper
96 100
61 137.1 103.1 191.5
98 65.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 56.61 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 73 Resp: 594977
Ion Ratio Lower Upper
73 100
43 19.3 17.3 25.9
57 20.8 17.9 26.9

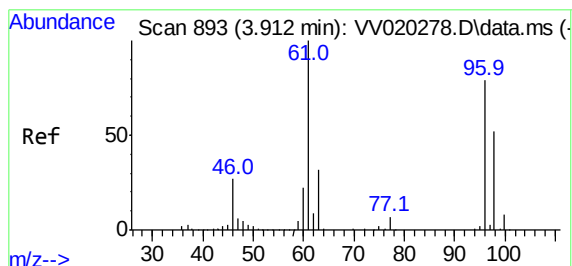
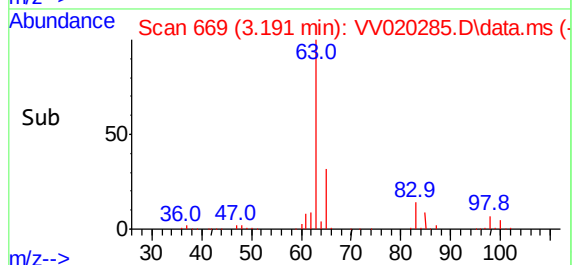
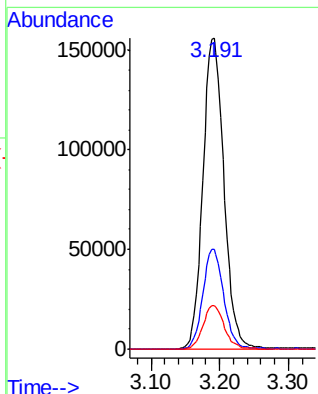
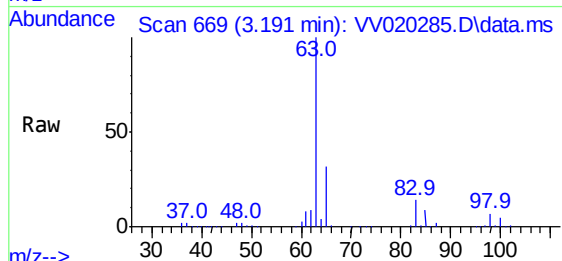




#19
1,1-Dichloroethane
Concen: 52.48 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

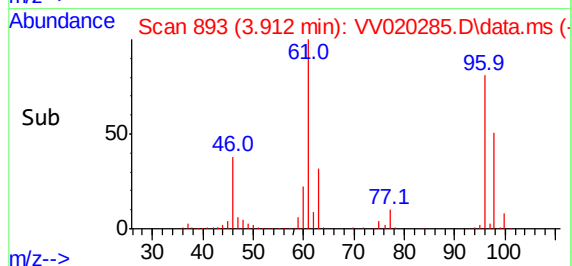
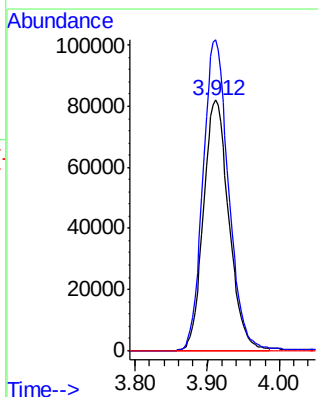
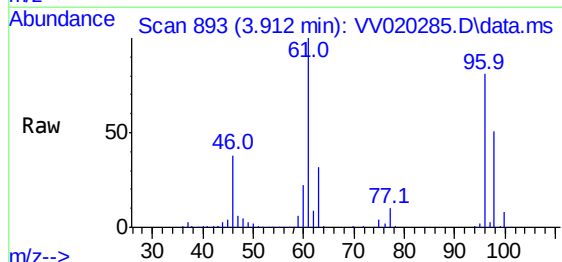
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

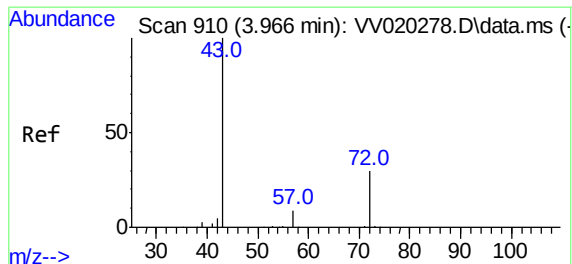
Tgt Ion: 63 Resp: 329965
Ion Ratio Lower Upper
63 100
65 31.9 21.9 40.7
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 53.67 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 96 Resp: 199808
Ion Ratio Lower Upper
96 100
61 124.0 96.9 179.9
68 0.0 0.0 0.0

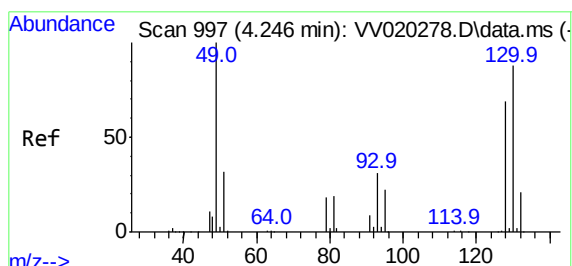
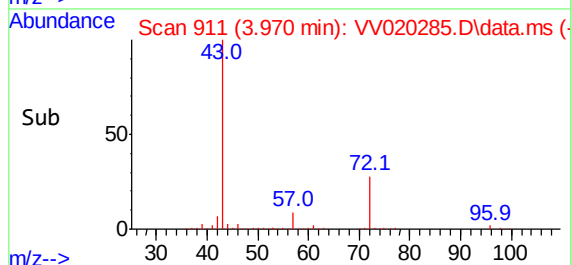
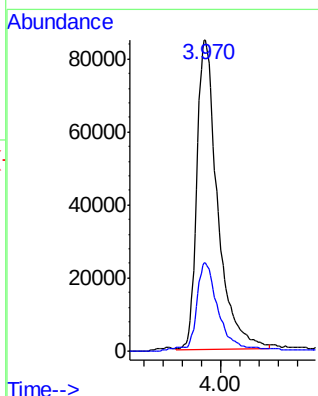
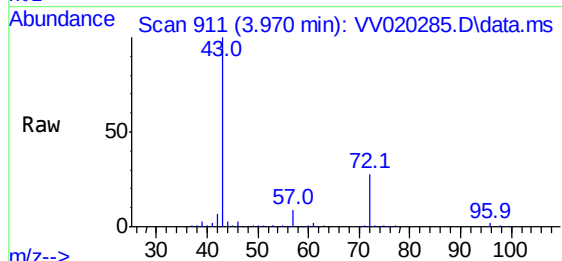




#22
2-Butanone
Concen: 115.49 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

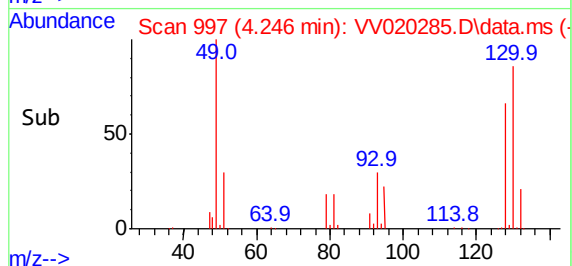
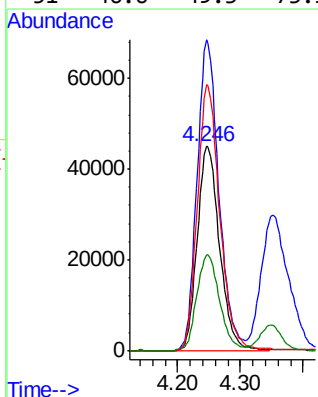
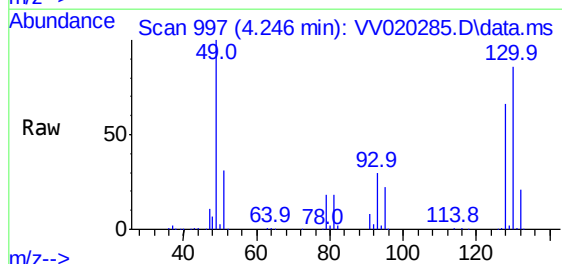
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

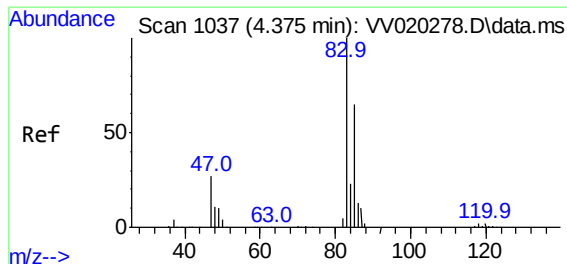
Tgt Ion: 43 Resp: 254145
Ion Ratio Lower Upper
43 100
72 27.8 12.2 36.6



#23
Bromochloromethane
Concen: 54.90 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 128 Resp: 110520
Ion Ratio Lower Upper
128 100
49 152.3 133.1 247.1
130 130.2 89.0 165.4
51 46.6 49.3 73.9#

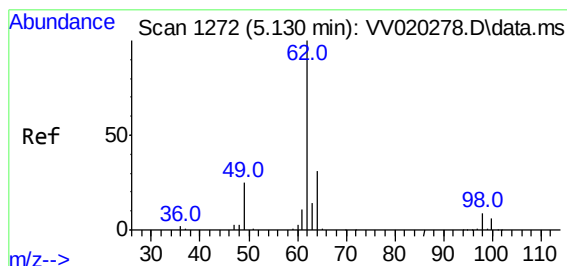
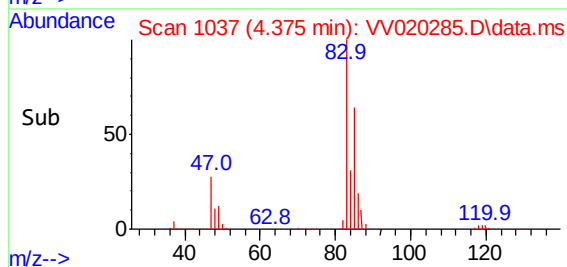
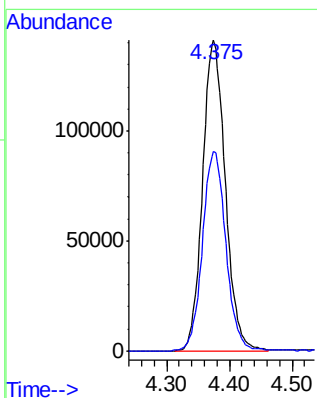
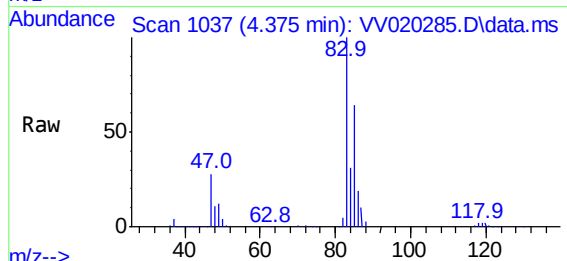




#25
Chloroform
Concen: 53.57 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

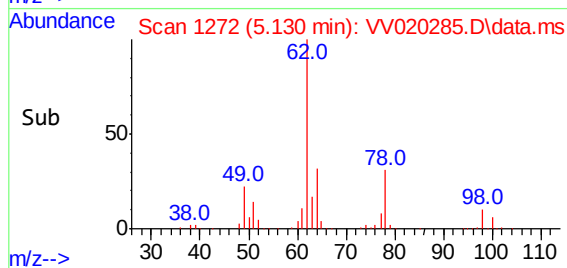
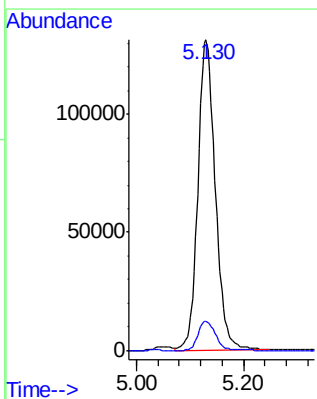
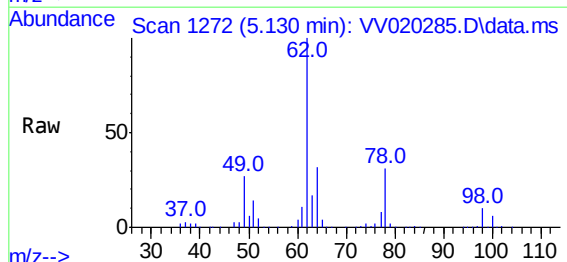
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

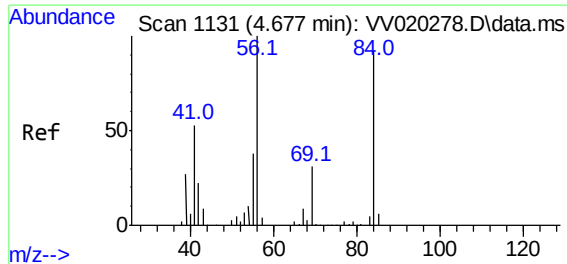
Tgt Ion: 83 Resp: 352694
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2



#27
1,2-Dichloroethane
Concen: 56.32 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 62 Resp: 293569
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3



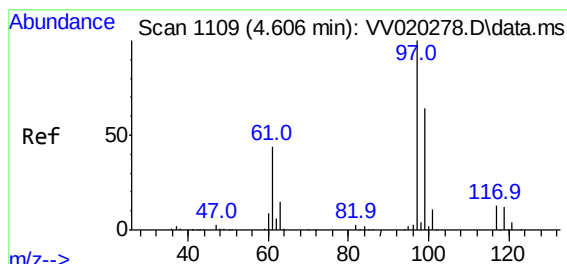
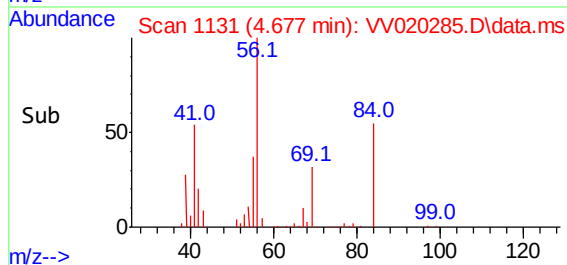
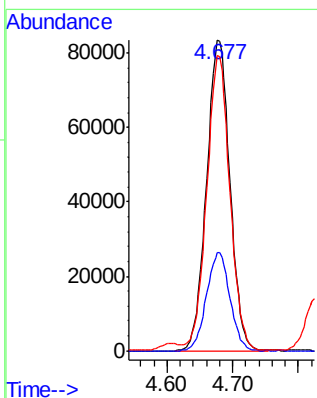
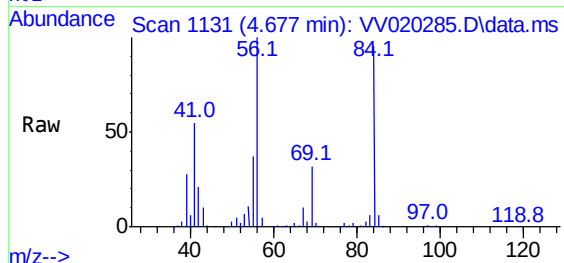


#29
Cyclohexane
Concen: 40.03 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion: 56 Resp: 206576

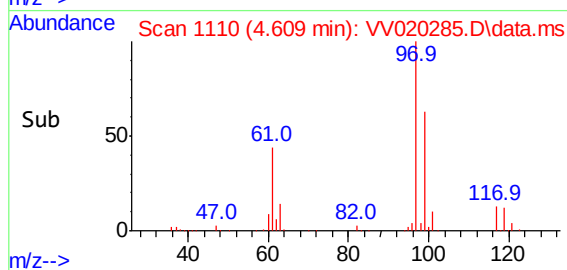
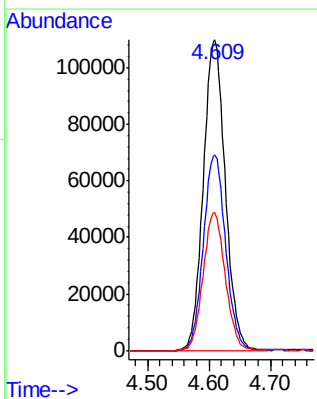
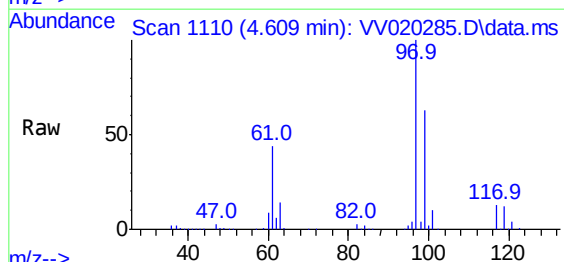
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.2	36.2
84	93.6	66.3	99.5

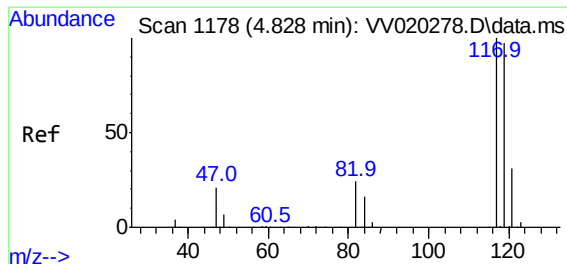


#30
1,1,1-Trichloroethane
Concen: 47.98 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 97 Resp: 271170

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	44.8	38.5	57.7

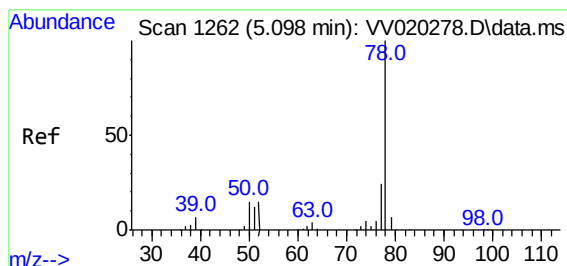
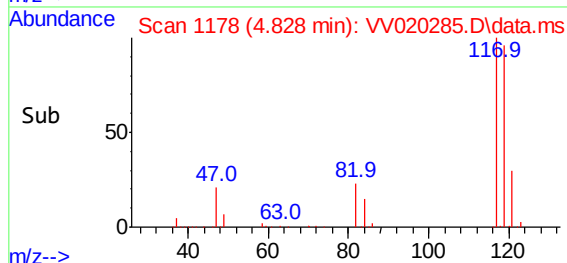
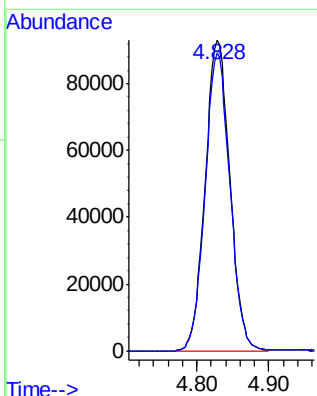
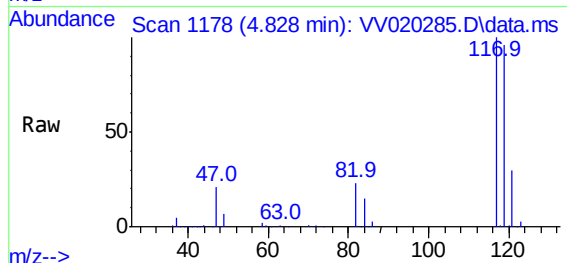




#31
Carbon tetrachloride
Concen: 44.92 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

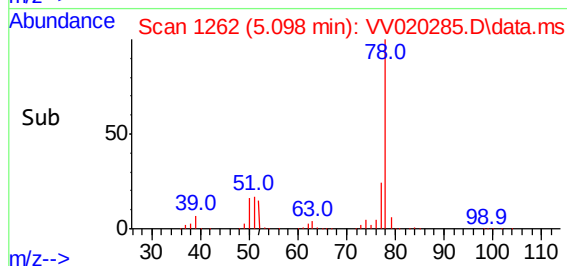
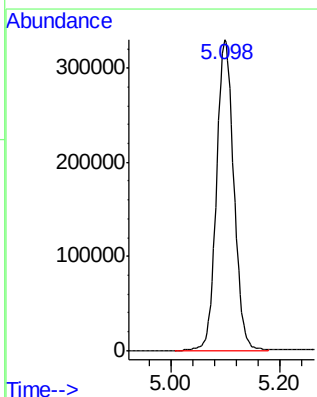
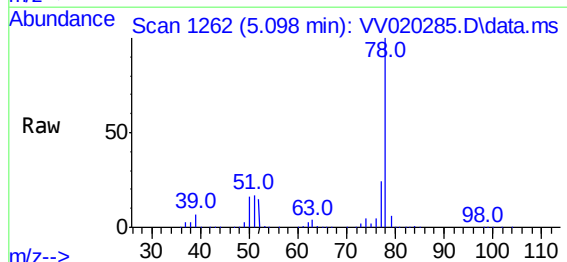
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

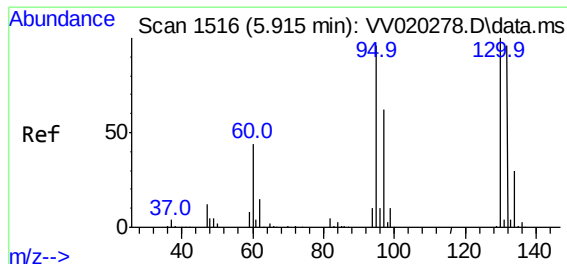
Tgt Ion:117 Resp: 220796
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 53.31 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 78 Resp: 725458

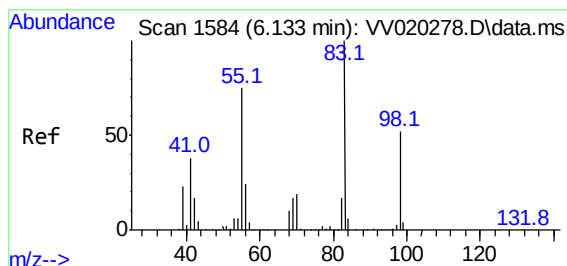
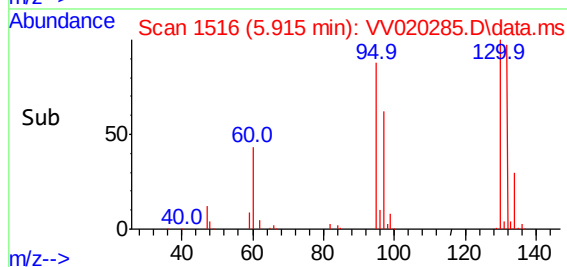
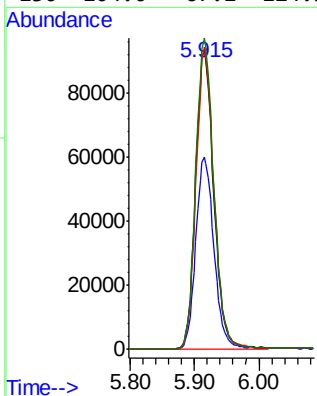
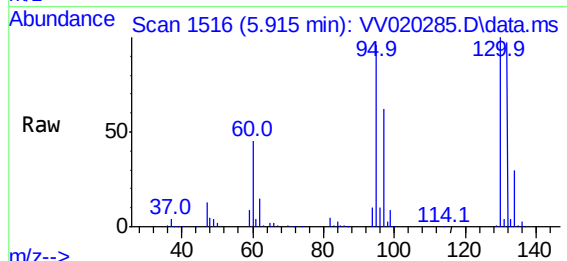




#34
Trichloroethene
Concen: 48.81 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

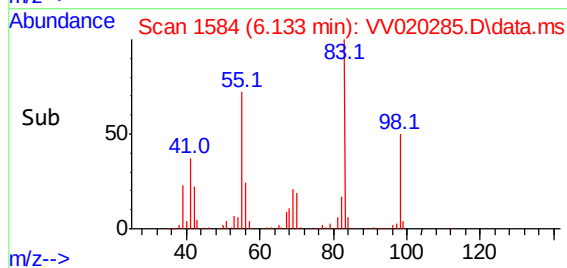
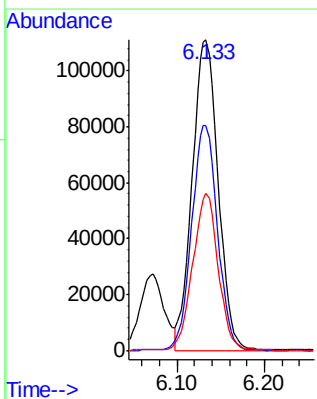
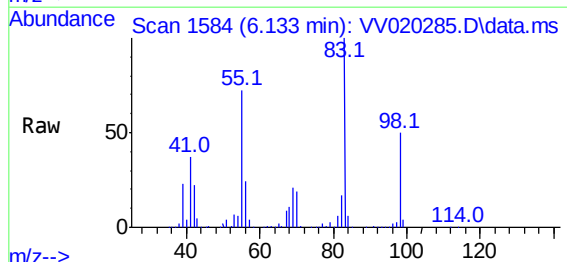
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

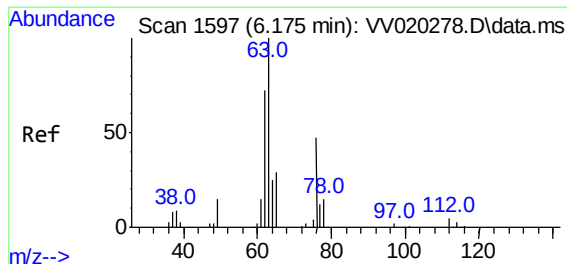
Tgt Ion: 95 Resp: 182532
Ion Ratio Lower Upper
95 100
97 64.1 44.5 82.7
132 101.1 63.4 117.8
130 104.0 67.1 124.5



#35
Methylcyclohexane
Concen: 40.35 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 83 Resp: 228479
Ion Ratio Lower Upper
83 100
55 72.2 65.1 97.7
98 49.7 38.2 57.2

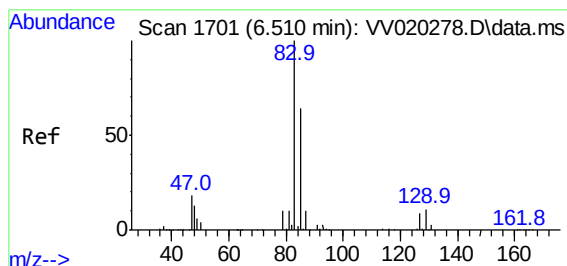
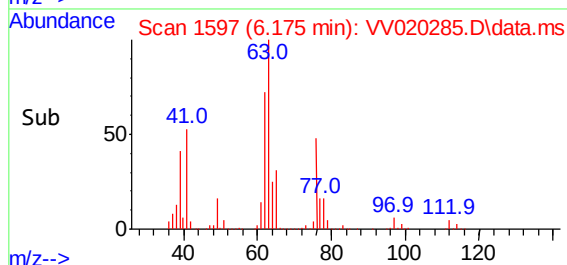
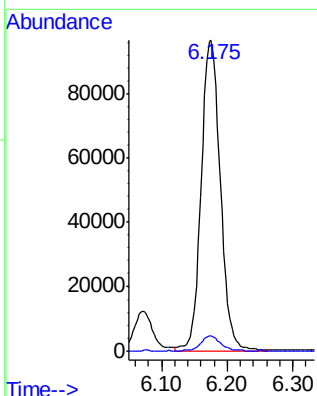
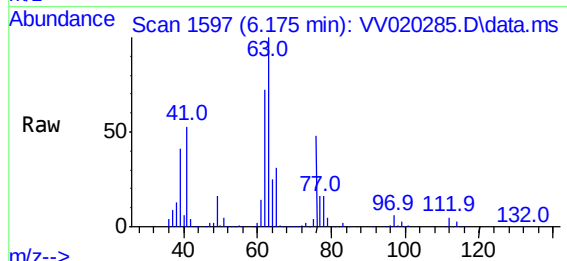




#37
1,2-Dichloropropane
Concen: 56.21 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

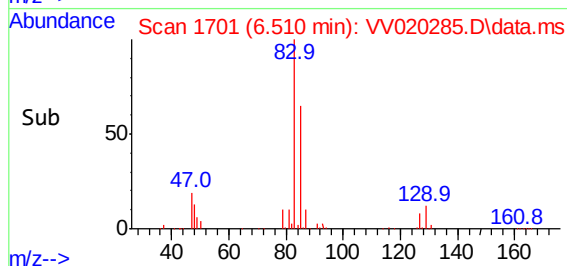
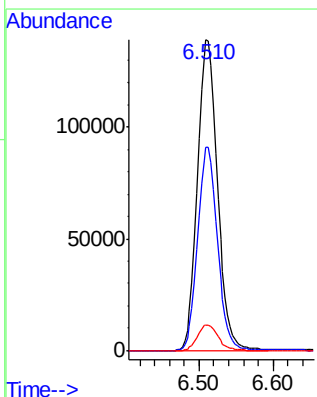
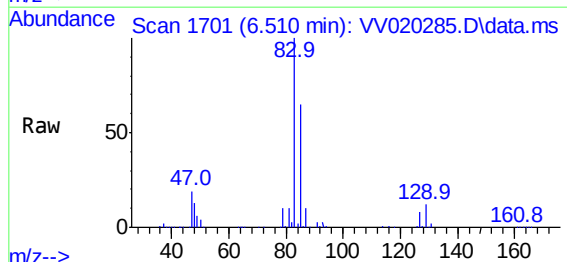
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

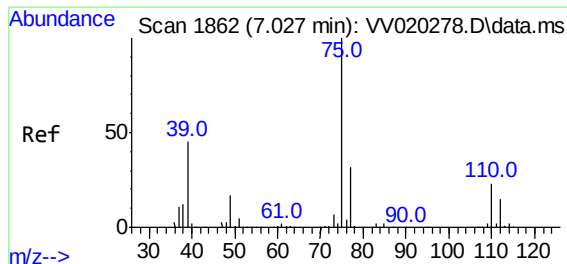
Tgt Ion: 63 Resp: 193755
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 55.50 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 83 Resp: 262968
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7
127 8.3 6.3 9.5

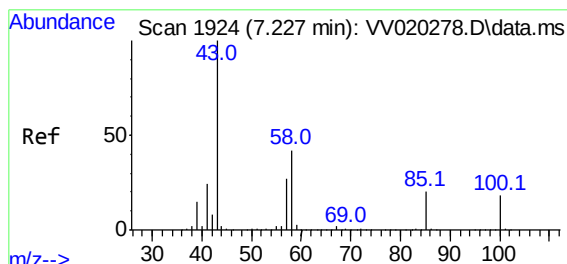
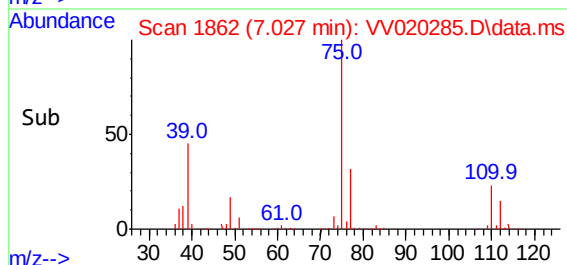
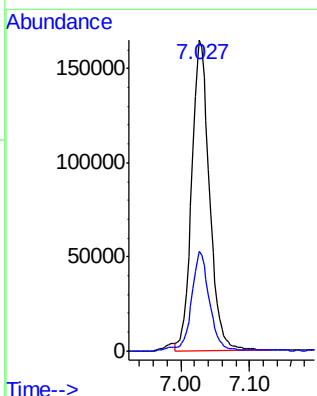
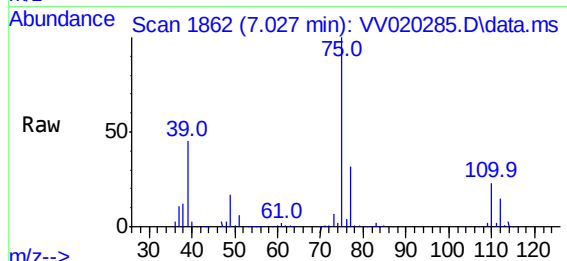




#39
 cis-1,3-Dichloropropene
 Concen: 53.96 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

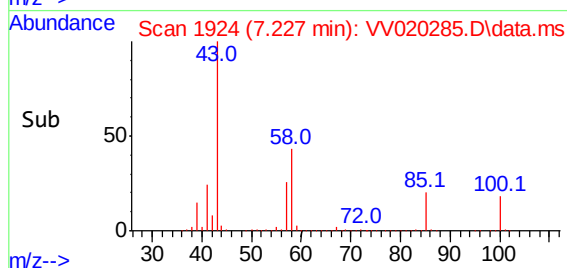
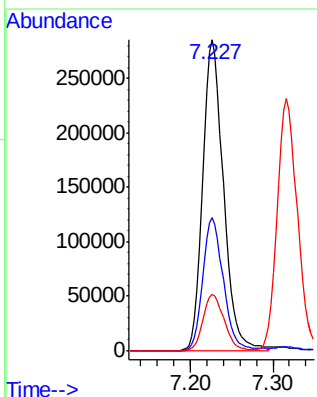
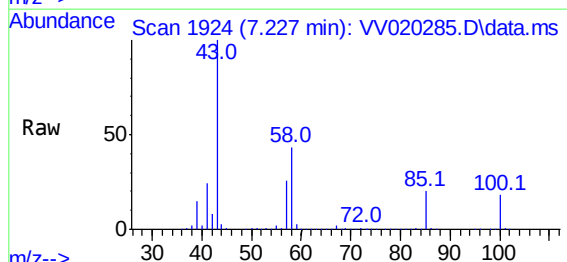
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

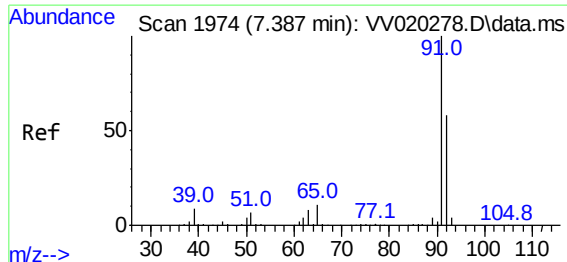
Tgt Ion: 75 Resp: 294559
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 114.46 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV020285.D
 Acq: 08 Feb 2021 15:38

Tgt Ion: 43 Resp: 497499
 Ion Ratio Lower Upper
 43 100
 58 42.5 30.7 46.1
 100 18.1 11.6 17.4#





#42

Toluene

Concen: 50.10 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV020285.D

Acq: 08 Feb 2021 15:38

Instrument :

MSVOA_V

ClientSampleId :

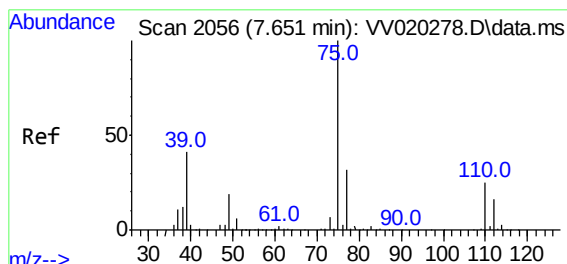
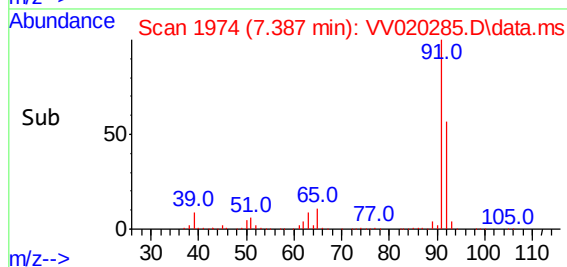
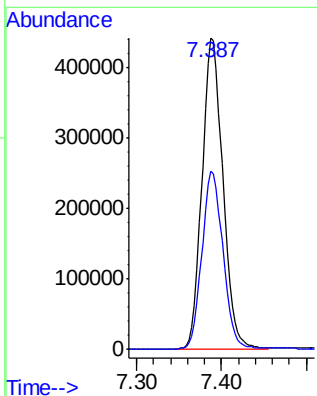
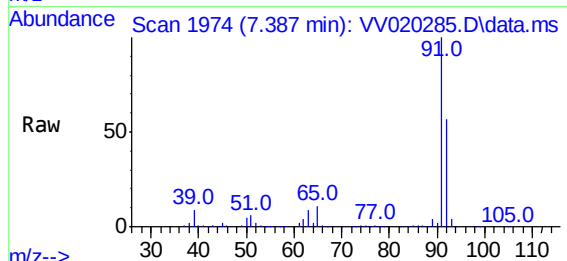
VSTD05088

Tgt Ion: 91 Resp: 749935

Ion Ratio Lower Upper

91 100

92 57.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 55.87 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV020285.D

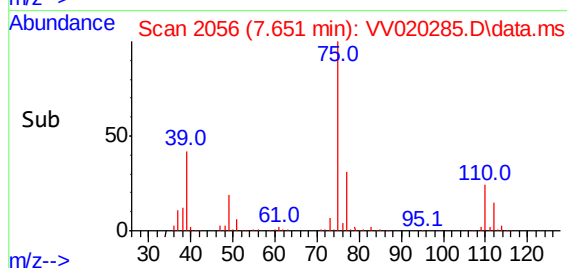
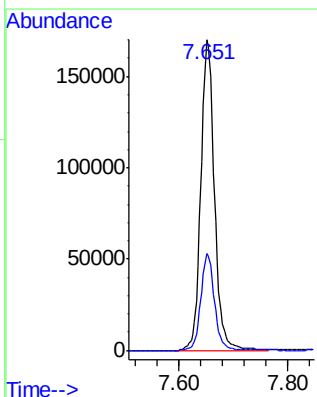
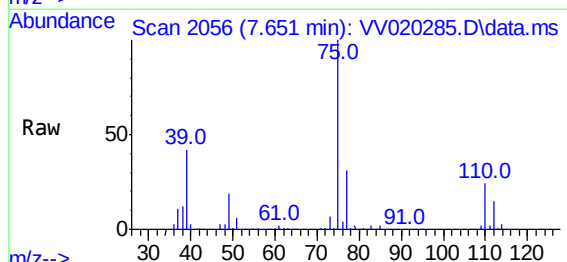
Acq: 08 Feb 2021 15:38

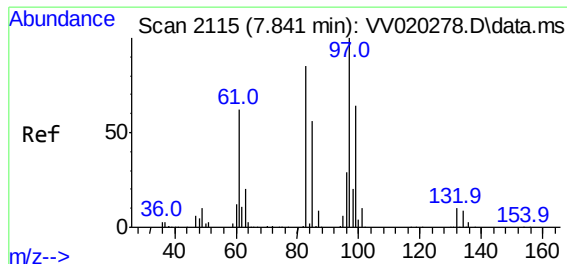
Tgt Ion: 75 Resp: 296625

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



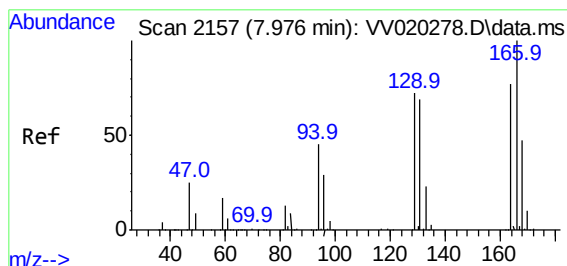
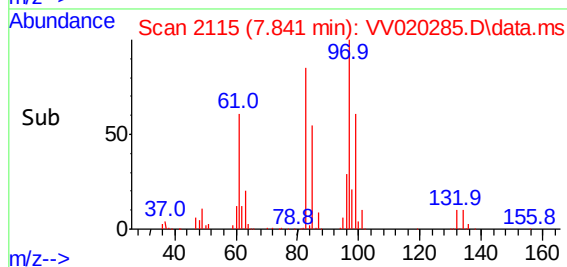
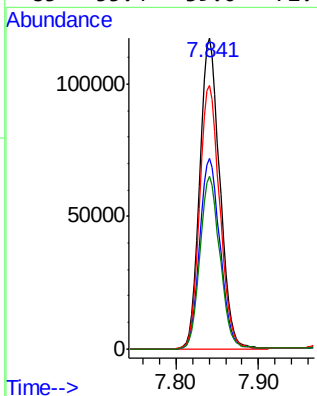
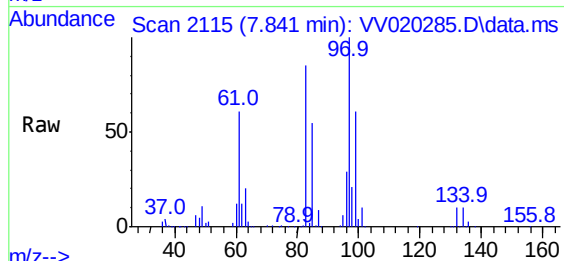


#45
1,1,2-Trichloroethane
Concen: 55.95 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion: 97 Resp: 198482

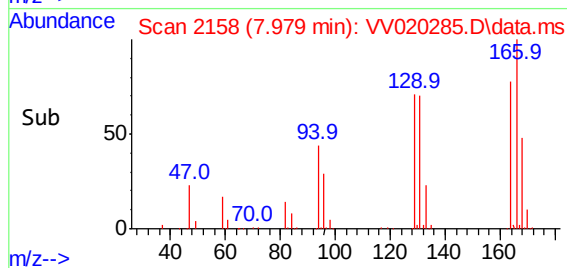
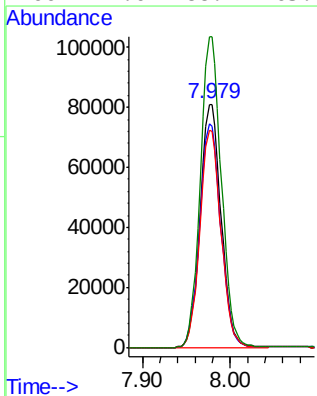
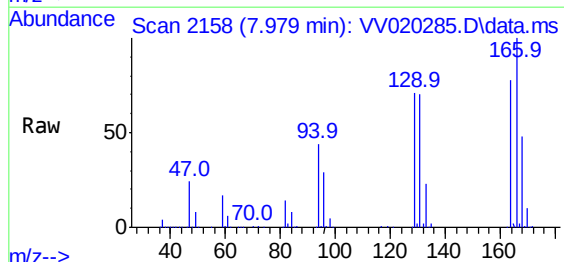
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	84.7	62.2	115.4
85	55.4	39.0	72.4

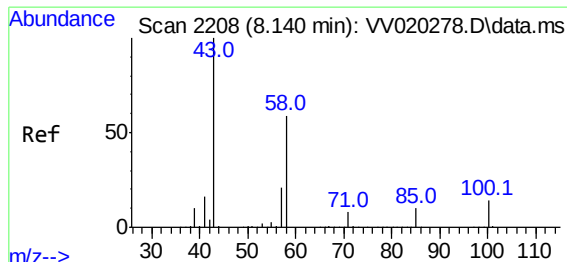


#46
Tetrachloroethene
Concen: 43.99 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 164 Resp: 134425

Ion	Ratio	Lower	Upper
164	100		
129	91.1	70.6	131.0
131	88.9	66.8	124.0
166	127.6	88.2	163.8

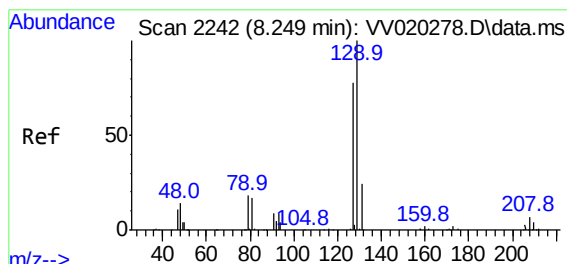
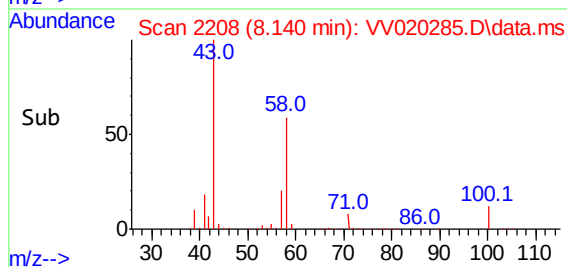
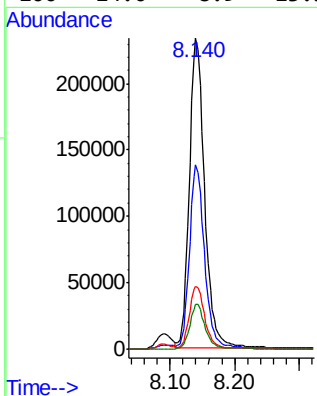
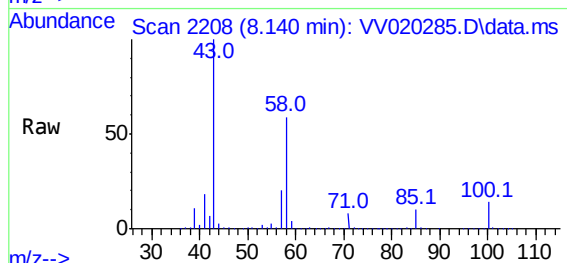




#48
2-Hexanone
Concen: 116.35 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

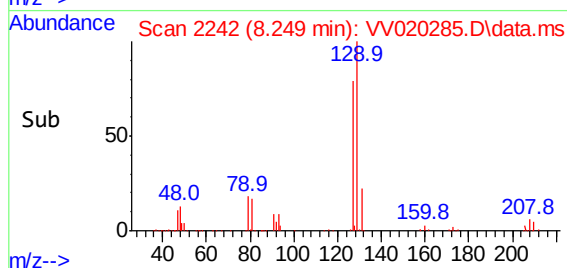
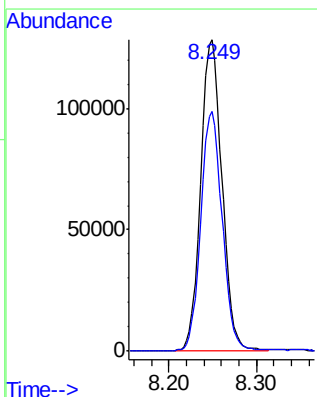
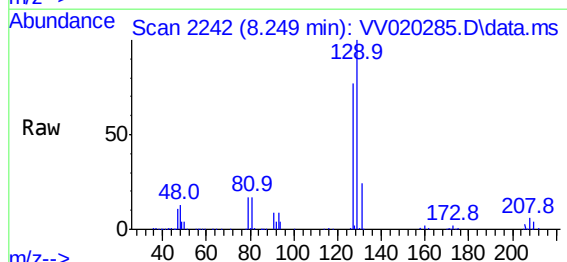
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

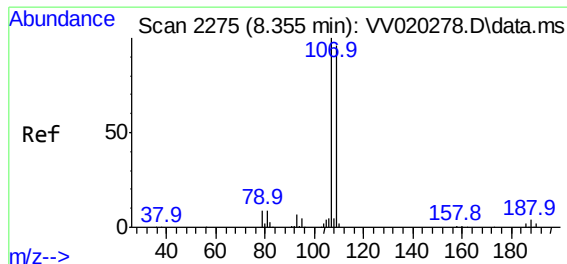
Tgt Ion: 43 Resp: 386898
Ion Ratio Lower Upper
43 100
58 58.9 41.8 62.6
57 19.9 15.0 22.4
100 14.0 8.9 13.3#



#49
Dibromochloromethane
Concen: 55.34 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 129 Resp: 216641
Ion Ratio Lower Upper
129 100
127 77.0 55.2 102.6

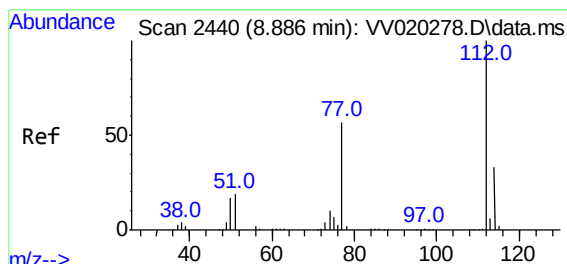
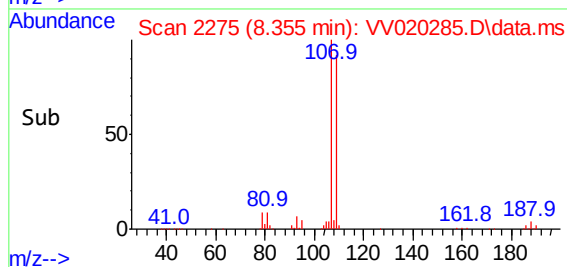
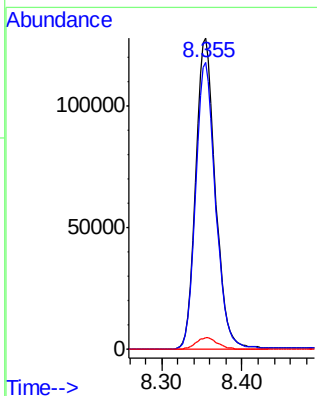
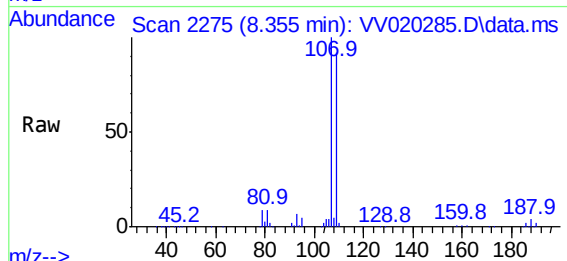




#50
1,2-Dibromoethane
Concen: 56.16 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

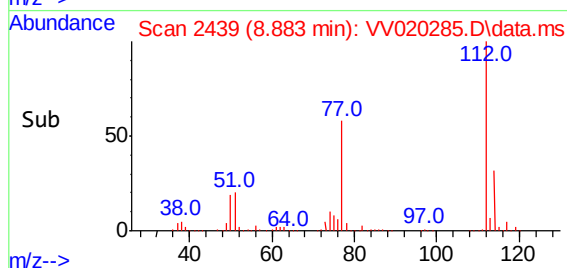
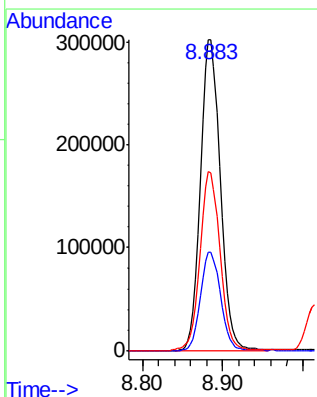
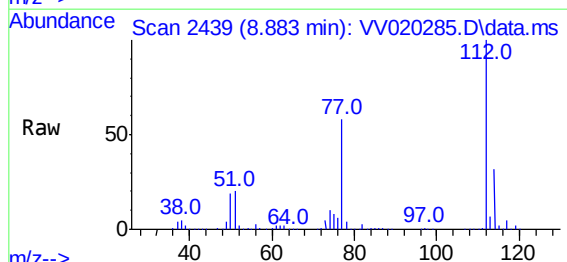
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

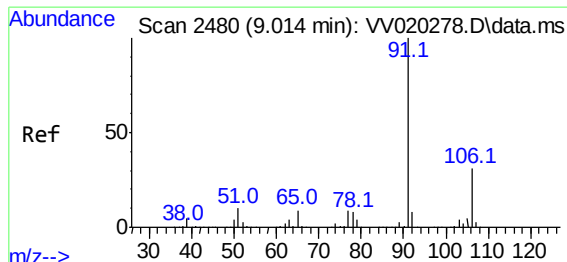
Tgt Ion:107 Resp: 213415
Ion Ratio Lower Upper
107 100
109 92.3 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 49.72 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:112 Resp: 499286
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 57.8 49.0 73.6

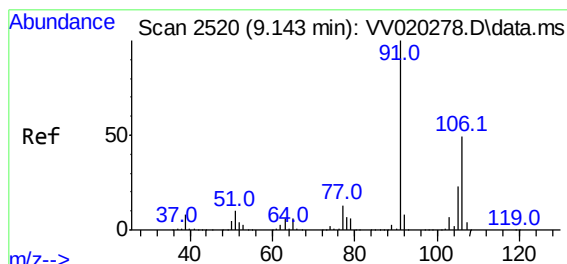
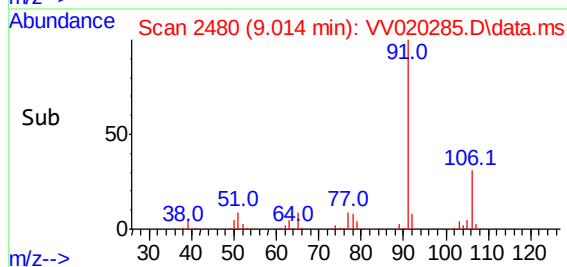
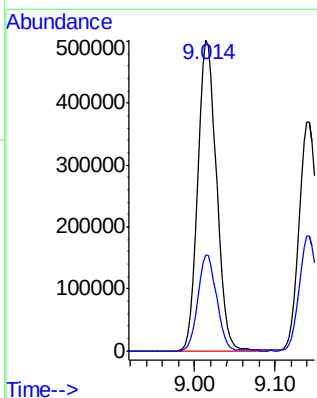
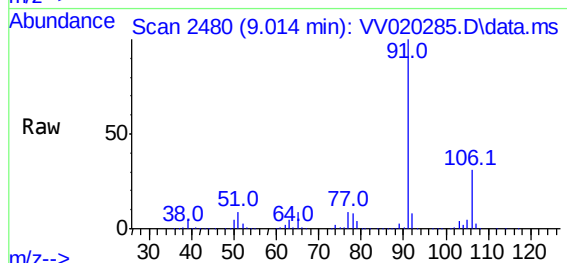




#52
Ethylbenzene
Concen: 47.61 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

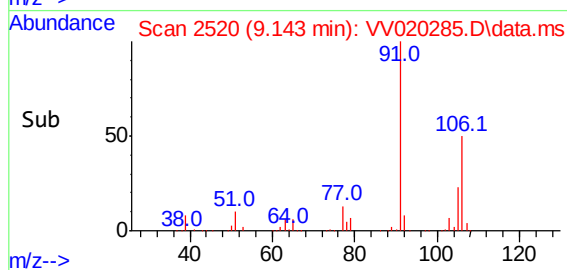
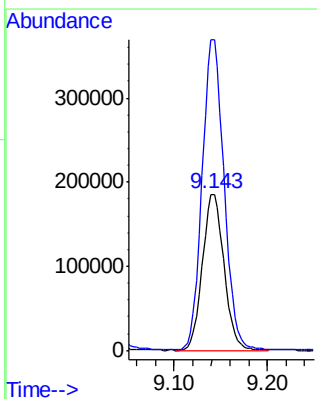
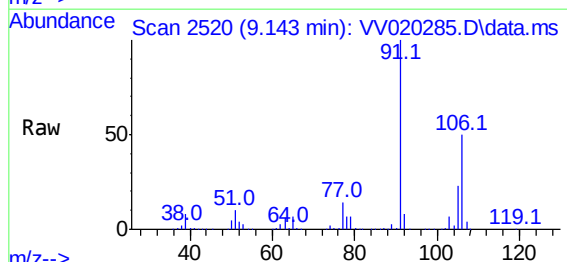
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

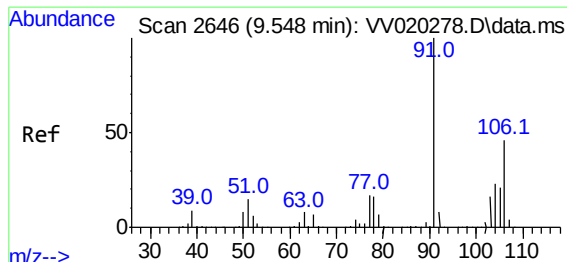
Tgt Ion: 91 Resp: 787125
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0



#53
m,p-Xylene
Concen: 47.47 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 106 Resp: 298868
Ion Ratio Lower Upper
106 100
91 198.9 148.1 275.0

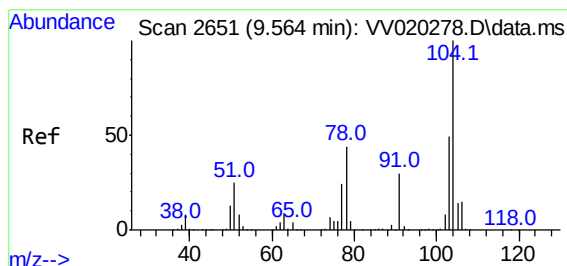
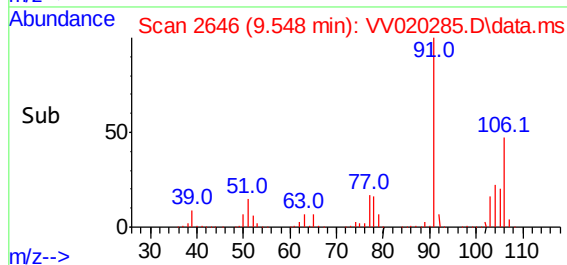
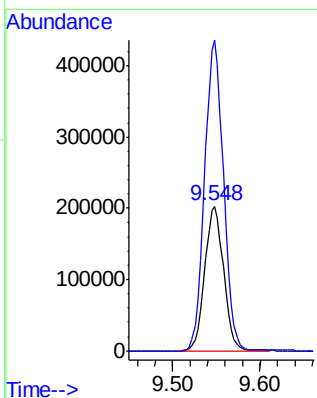
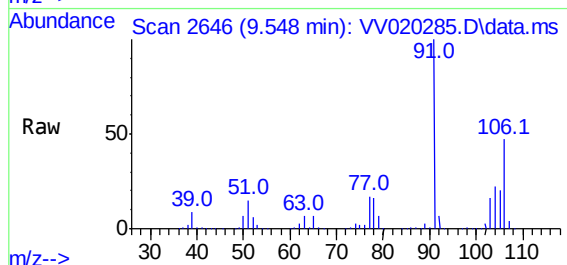




#54
o-xylene
Concen: 49.30 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

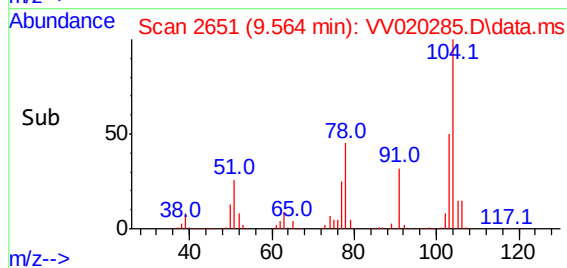
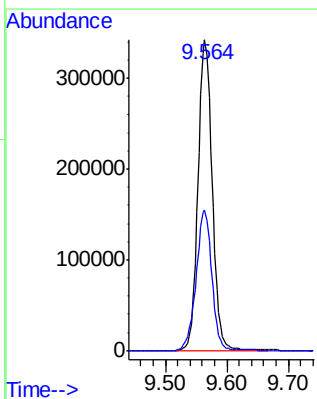
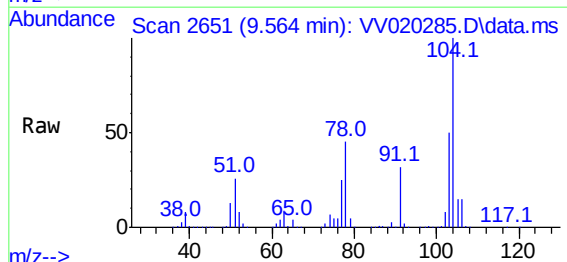
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

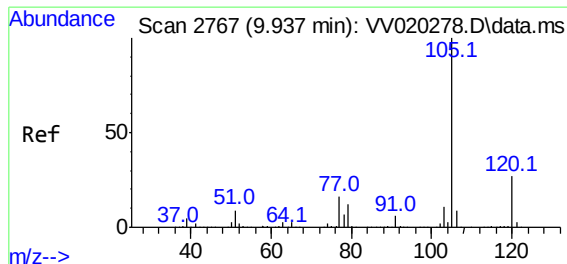
Tgt Ion:106 Resp: 302165
Ion Ratio Lower Upper
106 100
91 215.0 156.4 290.6



#55
Styrene
Concen: 51.59 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:104 Resp: 544053
Ion Ratio Lower Upper
104 100
78 45.4 33.7 62.5

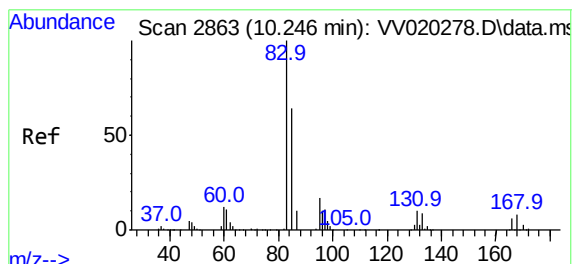
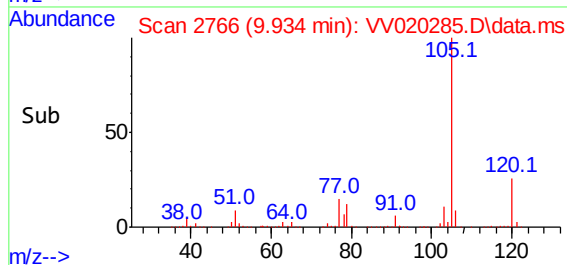
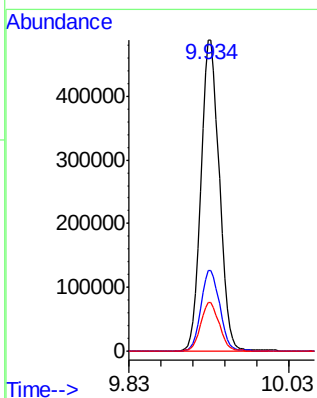
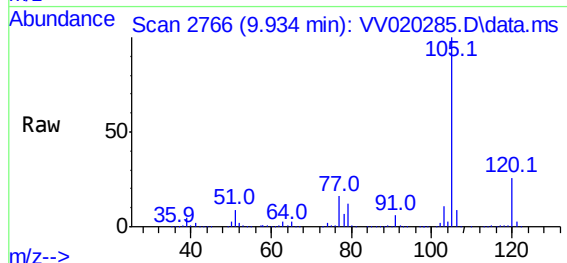




#56
Isopropylbenzene
Concen: 45.46 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

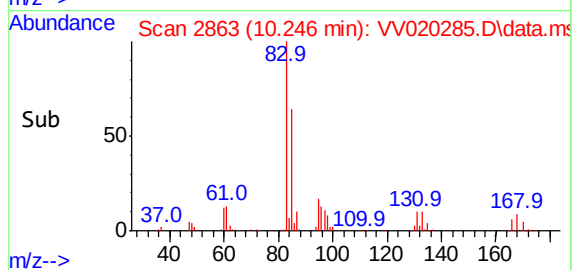
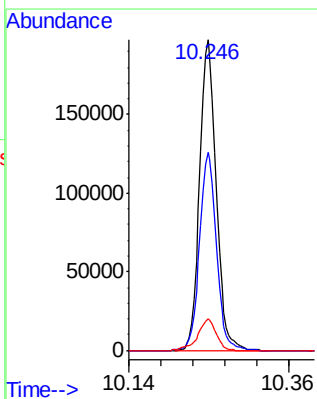
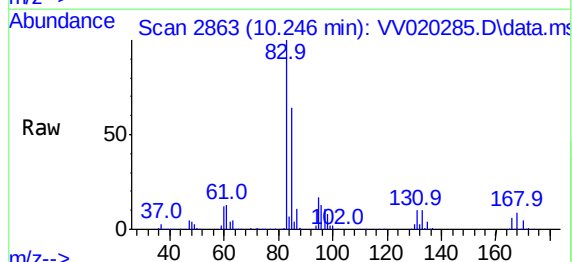
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

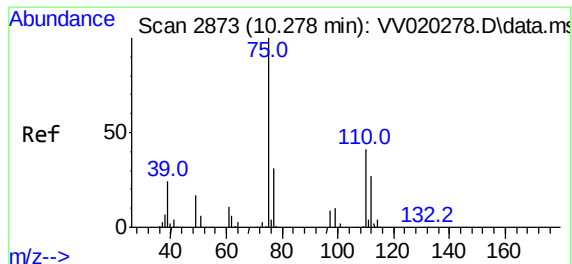
Tgt Ion:105 Resp: 747704
Ion Ratio Lower Upper
105 100
120 26.4 20.5 30.7
77 15.7 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 56.46 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 83 Resp: 315559
Ion Ratio Lower Upper
83 100
85 63.9 44.3 82.3
131 10.0 7.3 10.9

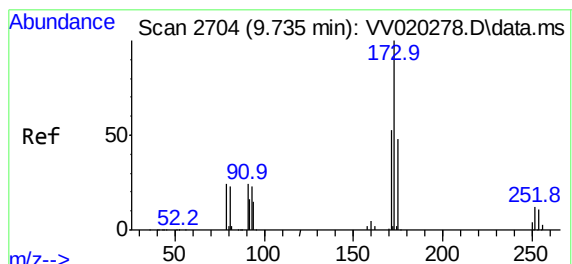
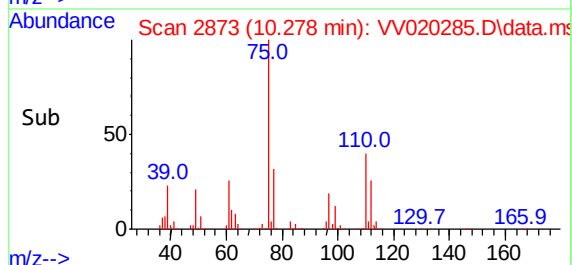
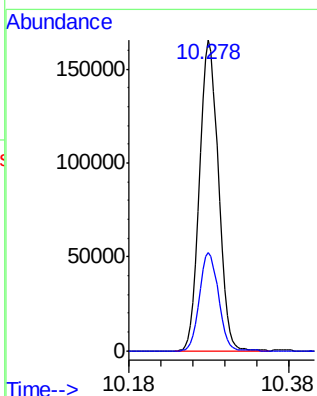
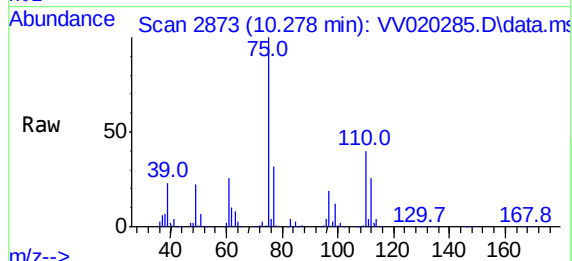




#59
1,2,3-Trichloropropane
Concen: 56.35 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

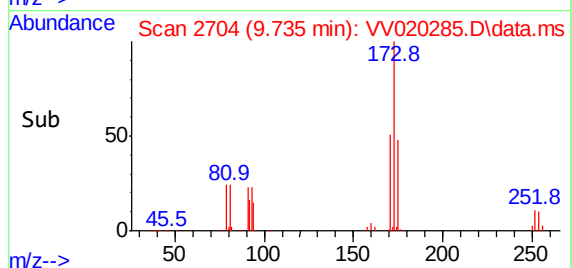
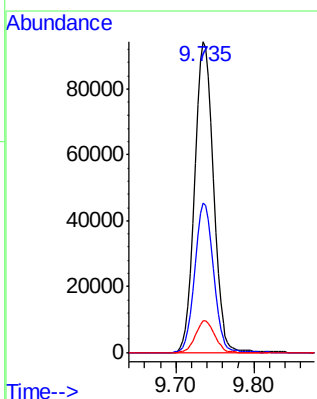
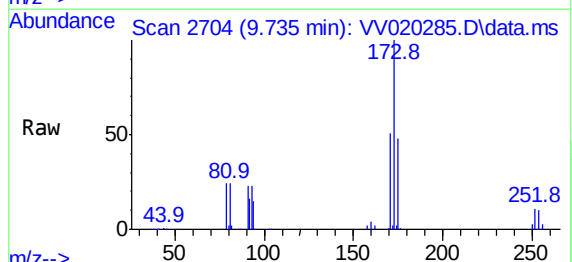
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

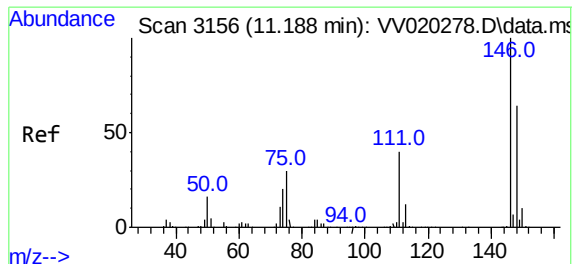
Tgt Ion: 75 Resp: 260443
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#61
Bromoform
Concen: 56.09 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:173 Resp: 155607
Ion Ratio Lower Upper
173 100
175 47.9 38.6 57.8
254 10.3 6.5 9.7#

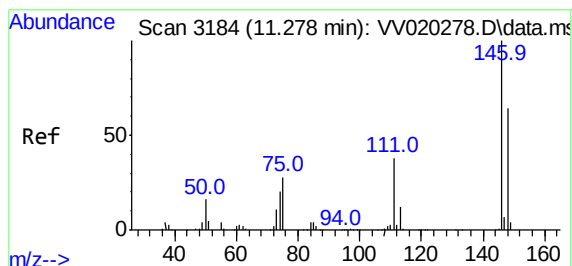
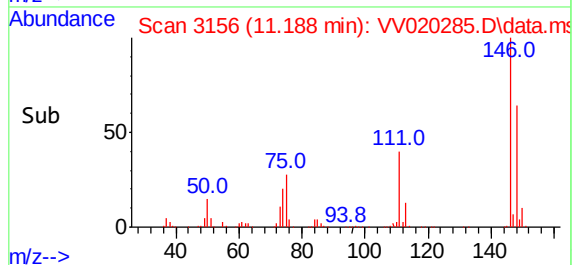
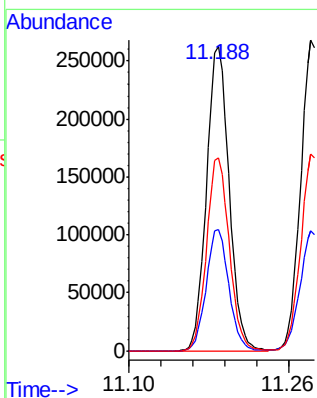
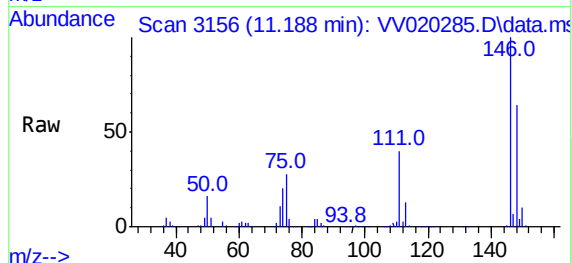




#62
1,3-Dichlorobenzene
Concen: 49.43 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

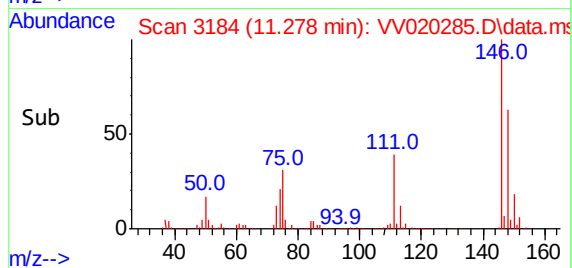
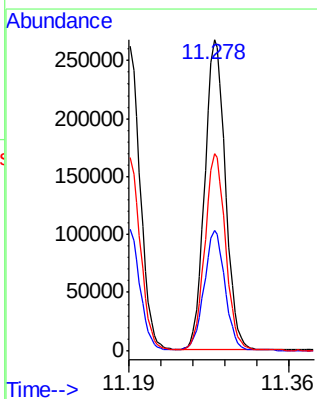
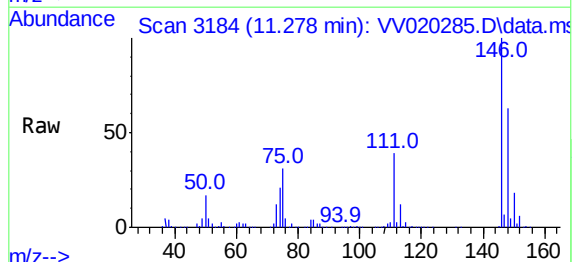
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

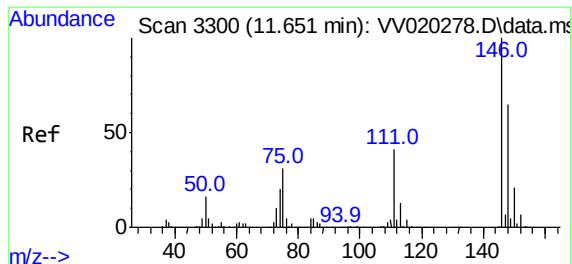
Tgt Ion:146 Resp: 398692
Ion Ratio Lower Upper
146 100
111 40.0 30.2 56.2
148 63.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.73 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:146 Resp: 411273
Ion Ratio Lower Upper
146 100
111 38.8 29.4 54.6
148 63.3 44.7 83.1

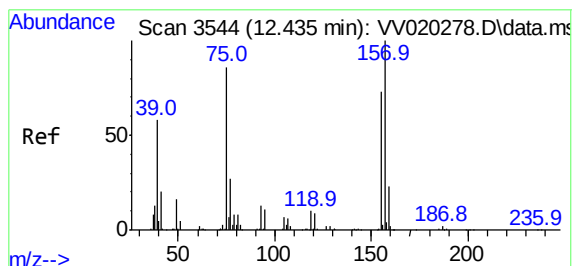
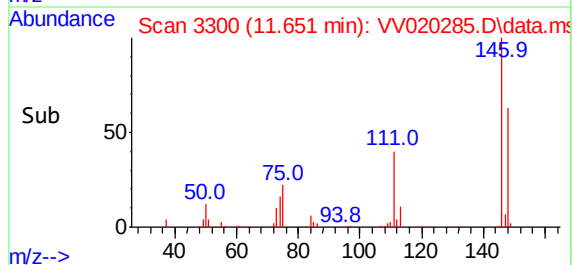
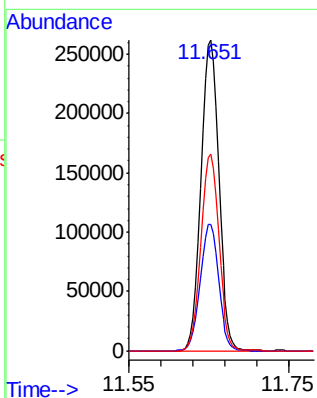
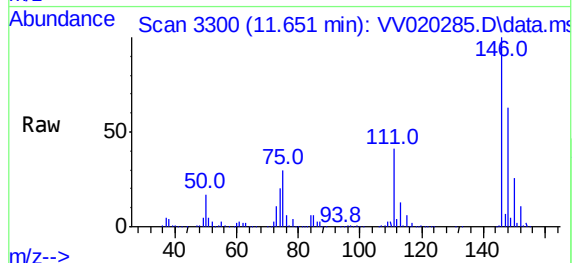




#65
1,2-Dichlorobenzene
Concen: 51.81 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

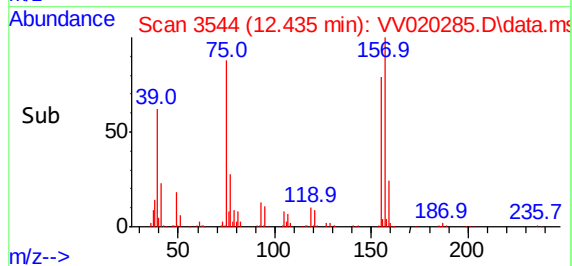
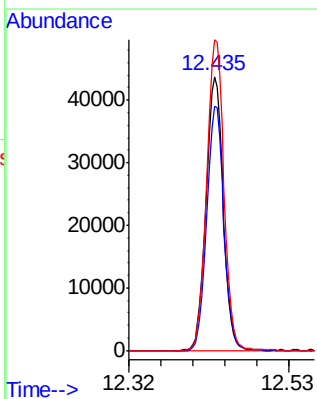
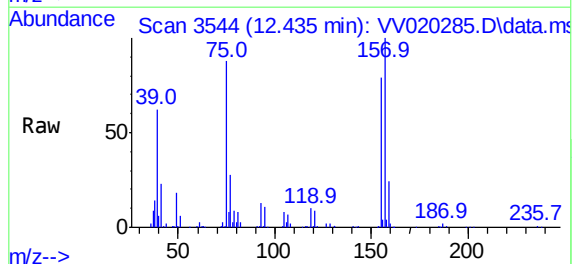
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

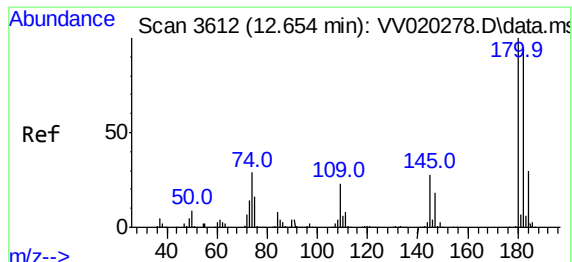
Tgt Ion:146 Resp: 417188
Ion Ratio Lower Upper
146 100
111 40.8 36.3 54.5
148 63.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 54.96 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion: 75 Resp: 67896
Ion Ratio Lower Upper
75 100
155 89.3 59.1 88.7#
157 113.5 75.4 113.0#

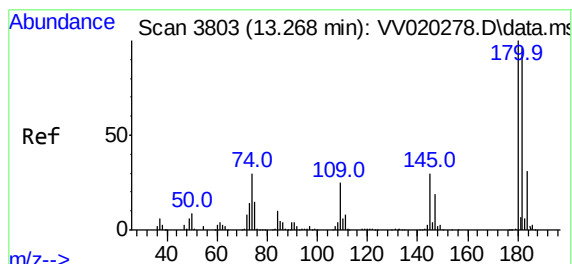
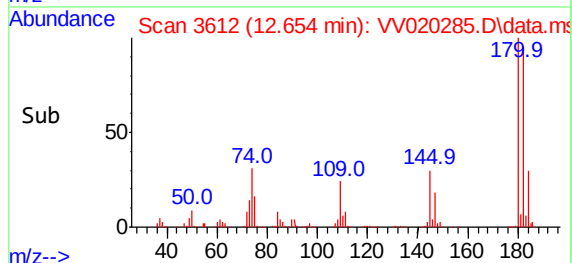
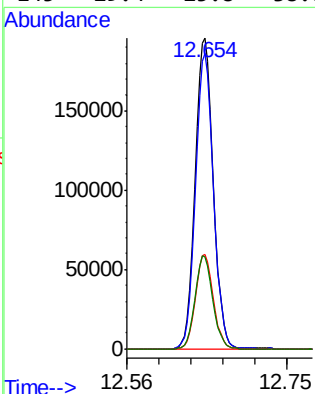
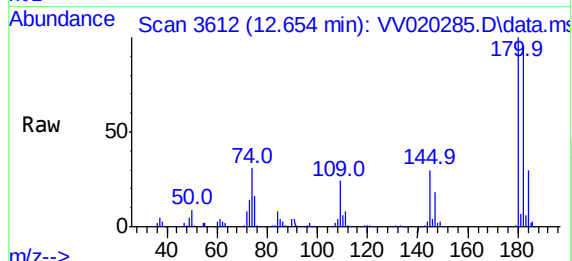




#67
1,3,5-Trichlorobenzene
Concen: 48.02 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

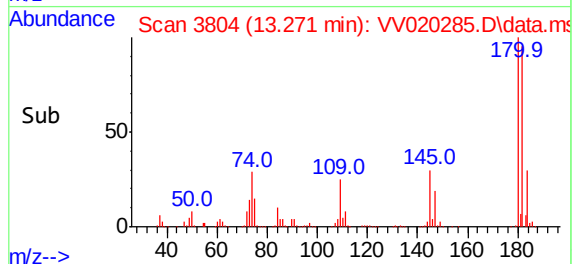
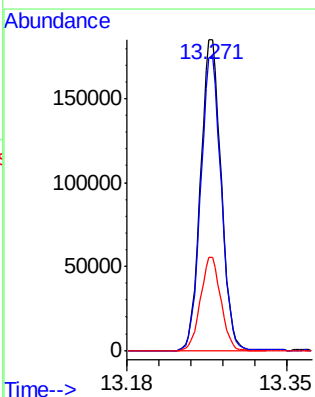
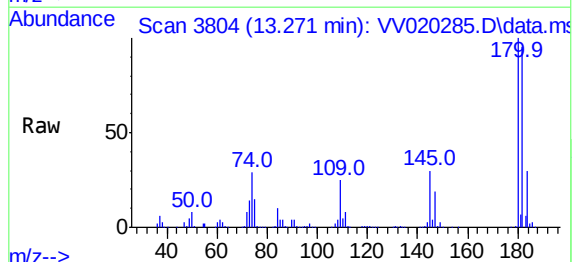
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

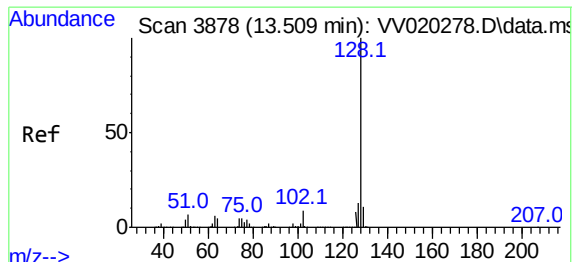
Tgt Ion:180 Resp: 302443
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
184 30.0 24.0 36.0
145 29.4 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.65 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:180 Resp: 283065
Ion Ratio Lower Upper
180 100
182 94.6 75.1 112.7
145 29.6 26.8 40.2

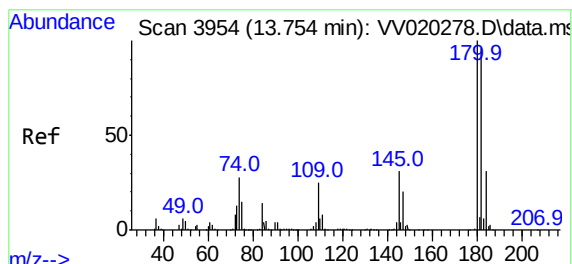
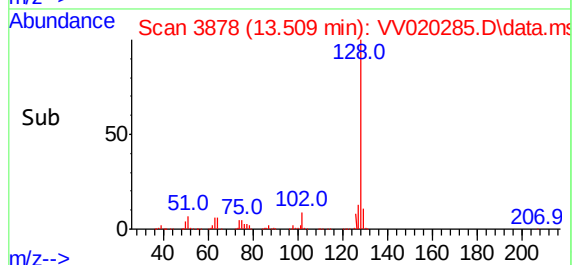
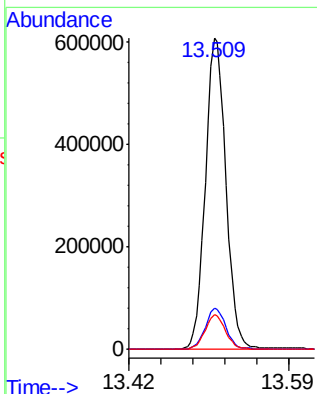
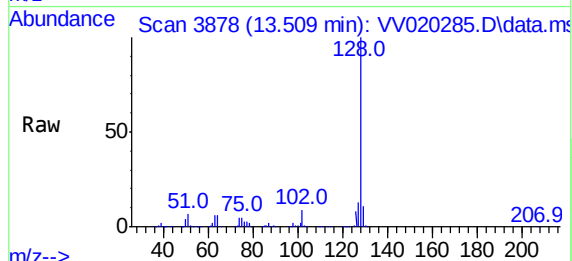




#69
Naphthalene
Concen: 57.82 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion:128 Resp: 925271
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.18 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020285.D
Acq: 08 Feb 2021 15:38

Tgt Ion:180 Resp: 290337
Ion Ratio Lower Upper
180 100
182 96.7 76.1 114.1
145 32.0 27.9 41.9

