

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020221\
 Data File : VW020232.D
 Acq On : 02 Feb 2021 11:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Feb 03 02:20:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 28 05:47:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	942619	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	930312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	473508	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	309642	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.60%
7) Chloroethane-d5	1.569	69	254986	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.26%
11) 1,1-Dichloroethene-d2	2.110	63	489302	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
21) 2-Butanone-d5	3.884	46	382144	92.50	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.347	84	584597	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.032	65	370044	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.051	84	1099849	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
36) 1,2-Dichloropropane-d6	6.071	67	344128	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.315	98	1034346	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloroprop...	7.621	79	176642	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.090	63	280496	85.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.59%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	465682	46.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.46%
64) 1,2-Dichlorobenzene-d4	11.630	152	454045	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	342380	50.29	ug/L	100
3) Chloromethane	1.241	50	339708	45.38	ug/L	99
5) Vinyl chloride	1.312	62	338211	48.90	ug/L	100
6) Bromomethane	1.524	94	197239	49.76	ug/L	97
8) Chloroethane	1.585	64	208471	50.89	ug/L	99
9) Trichlorofluoromethane	1.753	101	501061	52.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	252943	52.40	ug/L #	84
12) 1,1-Dichloroethene	2.119	96	229817	49.35	ug/L	71
13) Acetone	2.180	43	267922	112.59	ug/L	98
14) Carbon disulfide	2.293	76	754386	49.90	ug/L	99
15) Methyl Acetate	2.434	43	284097	45.54	ug/L	94
16) Methylene chloride	2.508	84	294841	48.53	ug/L	93
17) trans-1,2-Dichloroethene	2.759	96	277553	48.46	ug/L	96
18) Methyl tert-butyl Ether	2.769	73	864833	47.69	ug/L	98
19) 1,1-Dichloroethane	3.190	63	524456	49.33	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	300225	47.17	ug/L	90
22) 2-Butanone	3.968	43	408191	90.07	ug/L	100
23) Bromochloromethane	4.248	128	164015	48.24	ug/L #	85
25) Chloroform	4.376	83	547613	48.15	ug/L	97
27) 1,2-Dichloroethane	5.132	62	433023	47.74	ug/L	99

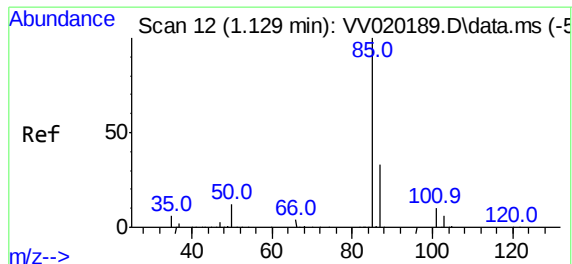
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020221\
 Data File : VW020232.D
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Quant Time: Feb 03 02:20:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 28 05:47:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.679	56	445818	45.71	ug/L	95
30) 1,1,1-Trichloroethane	4.608	97	496930	46.24	ug/L	97
31) Carbon tetrachloride	4.830	117	437796	47.05	ug/L	100
33) Benzene	5.100	78	1139153	44.80	ug/L	100
34) Trichloroethene	5.913	95	316880	46.47	ug/L	94
35) Methylcyclohexane	6.132	83	468834	47.05	ug/L	96
37) 1,2-Dichloropropane	6.174	63	300005	47.25	ug/L	98
38) Bromodichloromethane	6.511	83	412970	46.69	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	479787	47.25	ug/L	98
40) 4-Methyl-2-pentanone	7.225	43	790631	86.35	ug/L	97
42) Toluene	7.389	91	1240866	45.85	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	464012	47.32	ug/L	98
45) 1,1,2-Trichloroethane	7.839	97	296116	46.72	ug/L	98
46) Tetrachloroethene	7.977	164	268325	46.77	ug/L	93
48) 2-Hexanone	8.138	43	629893	93.43	ug/L	97
49) Dibromochloromethane	8.248	129	340023	47.80	ug/L	100
50) 1,2-Dibromoethane	8.354	107	316126	46.14	ug/L #	98
51) Chlorobenzene	8.884	112	814084	45.35	ug/L	97
52) Ethylbenzene	9.016	91	1387141	47.81	ug/L	98
53) m,p-Xylene	9.141	106	533286	47.20	ug/L	95
54) o-xylene	9.547	106	513467	47.80	ug/L	97
55) Styrene	9.563	104	925744	48.93	ug/L	96
56) Isopropylbenzene	9.936	105	1395386	48.23	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	458206	44.02	ug/L	99
59) 1,2,3-Trichloropropane	10.276	75	376612	44.45	ug/L	99
61) Bromoform	9.736	173	262383	51.60	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	715835	52.24	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	677948	47.74	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	704988	49.41	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.437	75	79866	35.41	ug/L #	55
67) 1,3,5-Trichlorobenzene	12.652	180	545668	45.56	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	532134	48.83	ug/L	96
69) Naphthalene	13.511	128	1470812	47.26	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	536636	49.53	ug/L	98

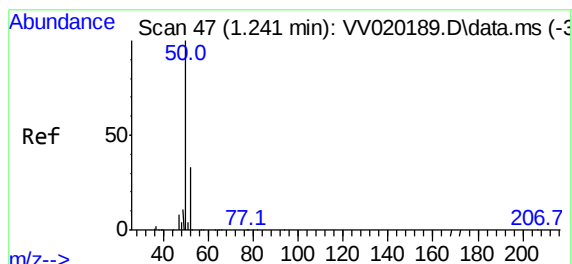
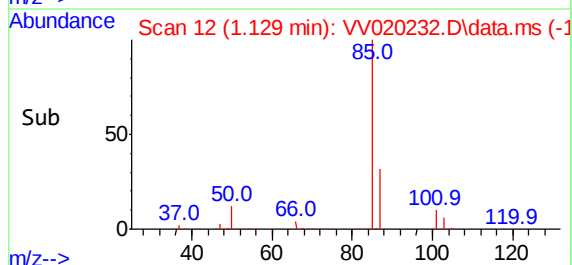
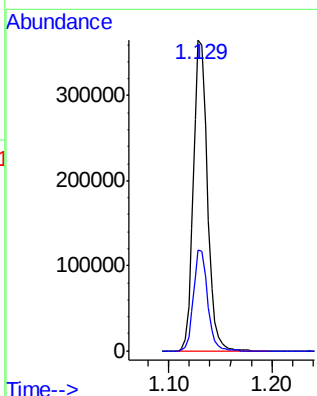
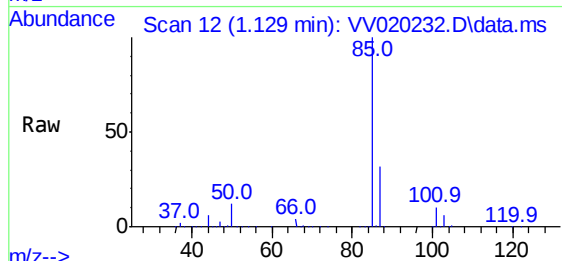
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#2
Dichlorodifluoromethane
Concen: 50.29 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

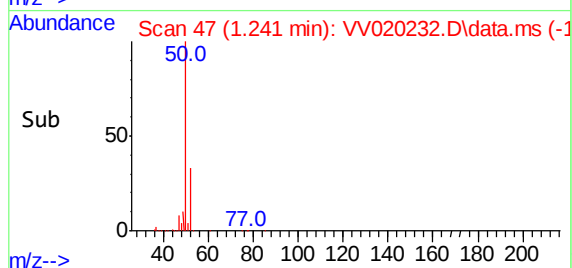
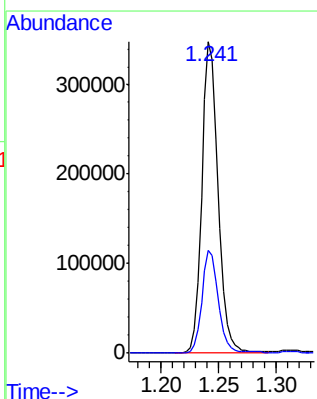
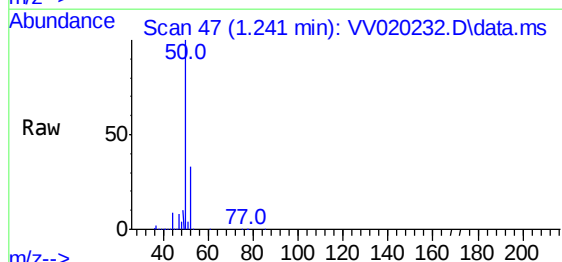
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

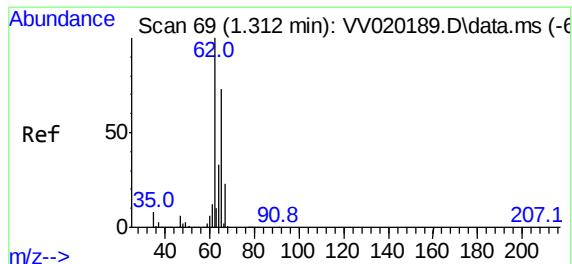
Tgt Ion: 85 Resp: 342380
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 45.38 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 50 Resp: 339708
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

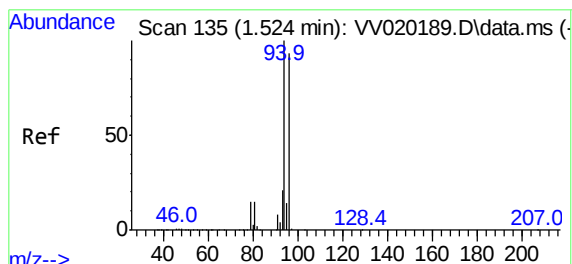
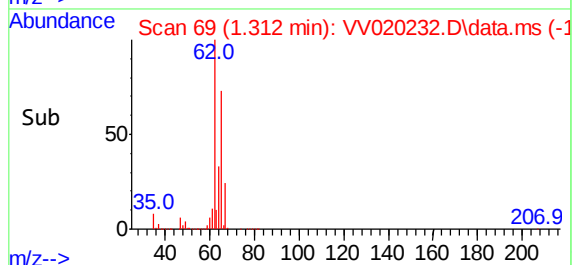
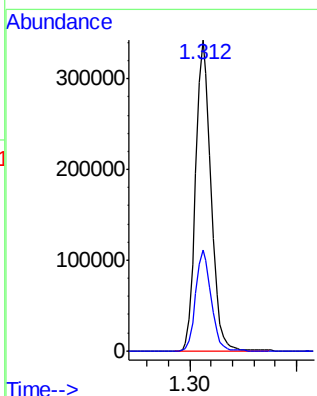
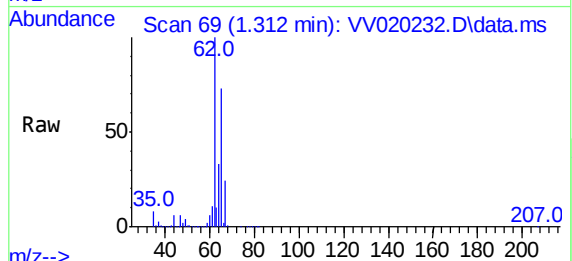




#5
 Vinyl chloride
 Concen: 48.90 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

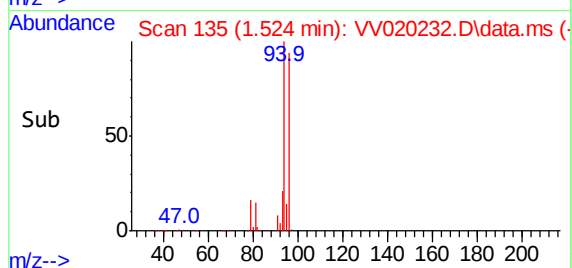
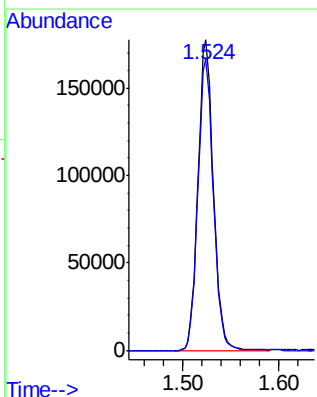
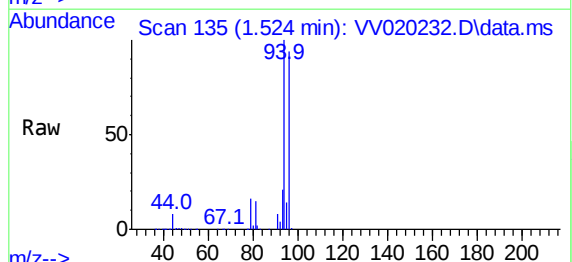
Instrument :
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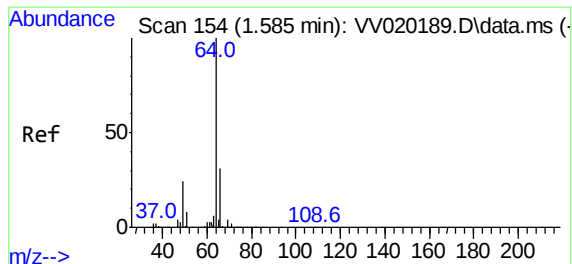
Tgt Ion: 62 Resp: 338211
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 49.76 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

Tgt Ion: 94 Resp: 197239
 Ion Ratio Lower Upper
 94 100
 96 93.8 63.6 118.2

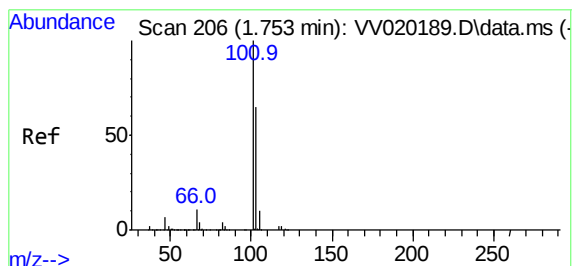
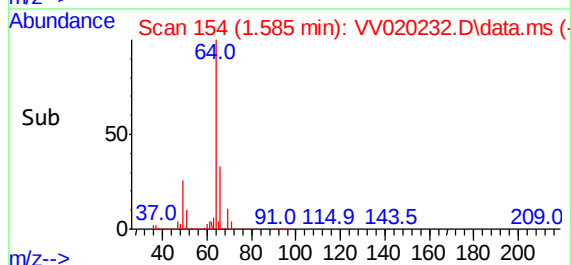
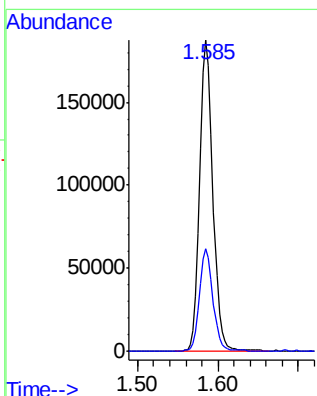
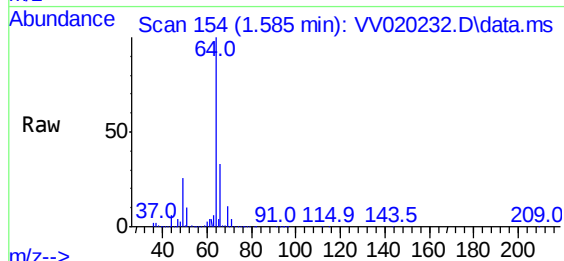




#8
Chloroethane
Concen: 50.89 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

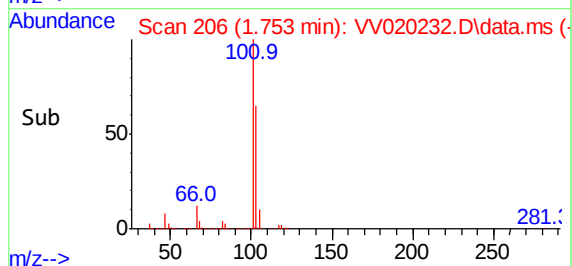
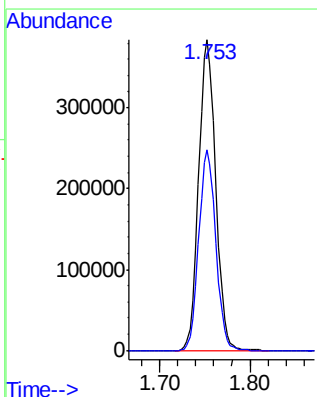
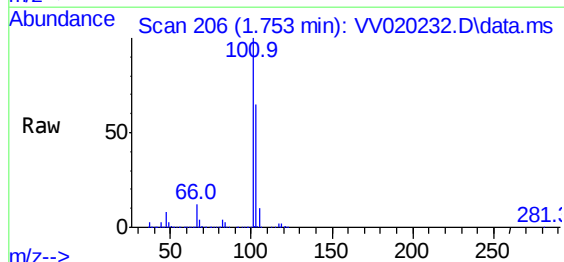
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

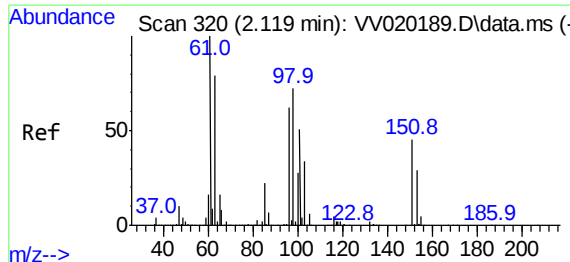
Tgt Ion: 64 Resp: 208471
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.57 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:101 Resp: 501061
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

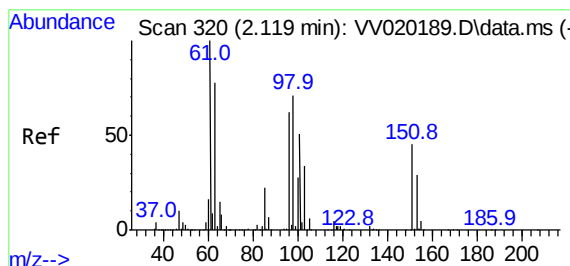
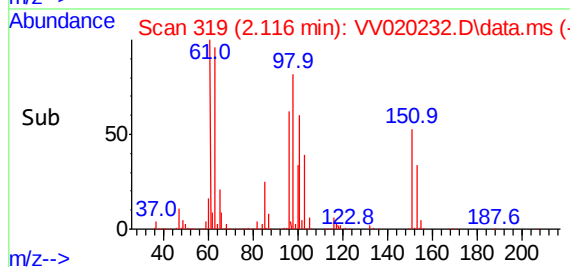
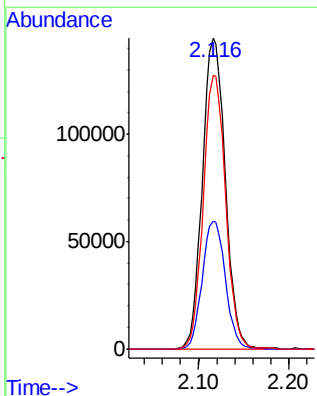
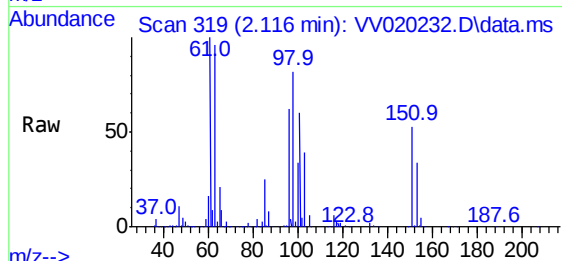




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.40 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

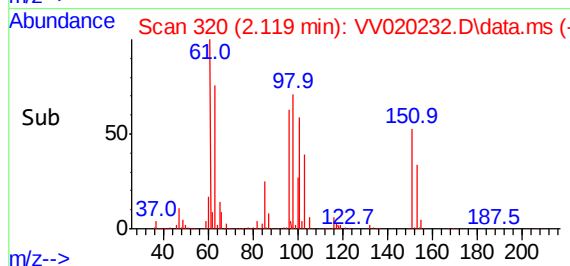
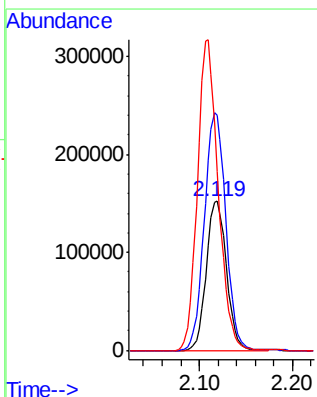
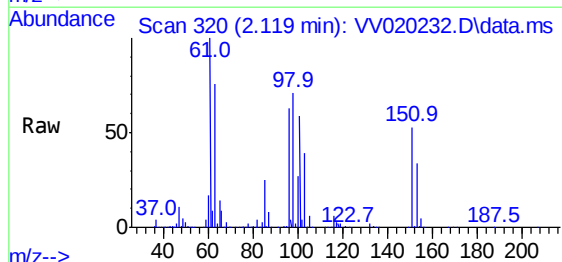
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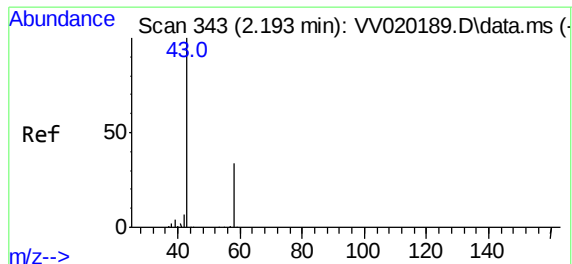
Tgt Ion:101 Resp: 252943
 Ion Ratio Lower Upper
 101 100
 85 41.4 35.3 52.9
 151 86.2 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 49.35 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

Tgt Ion: 96 Resp: 229817
 Ion Ratio Lower Upper
 96 100
 61 157.5 134.9 250.5
 63 119.6 117.6 218.4

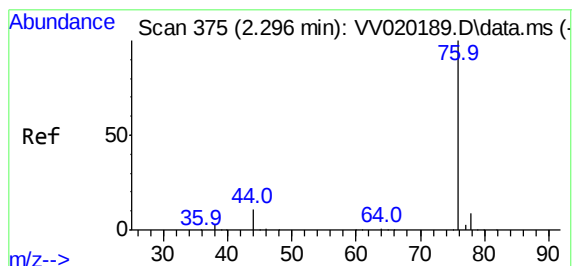
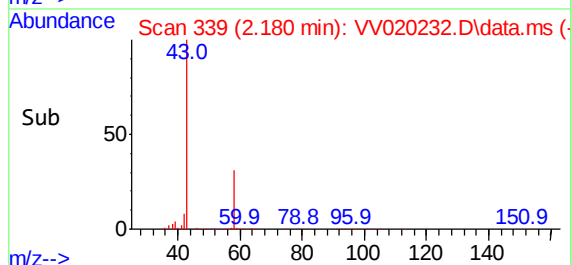
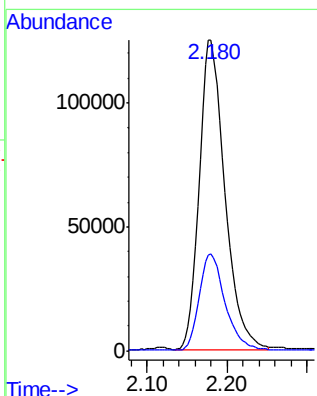
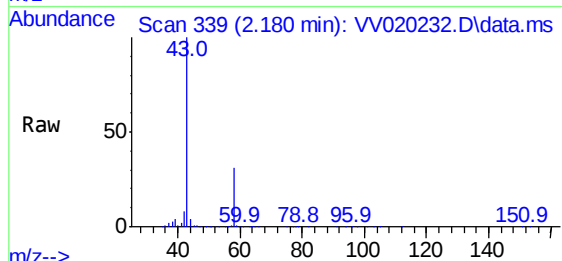




#13
Acetone
Concen: 112.59 ug/L
RT: 2.180 min Scan# 339
Delta R.T. -0.013 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

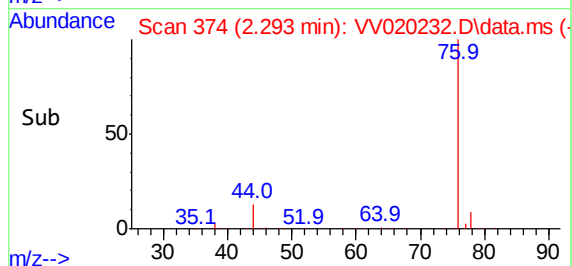
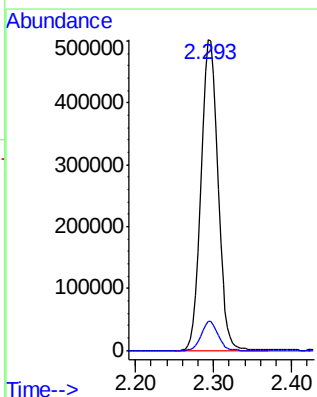
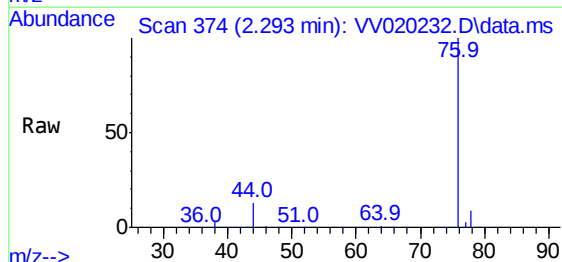
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

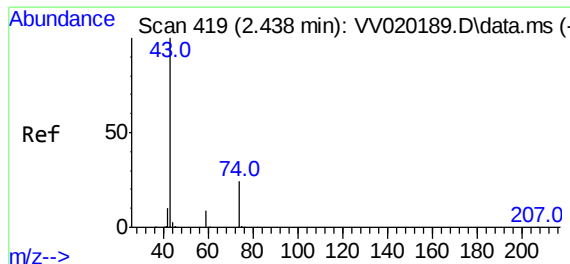
Tgt Ion: 43 Resp: 267922
Ion Ratio Lower Upper
43 100
58 31.4 0.0 60.2



#14
Carbon disulfide
Concen: 49.90 ug/L
RT: 2.293 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 76 Resp: 754386
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

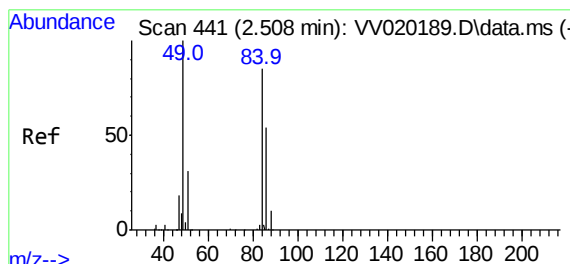
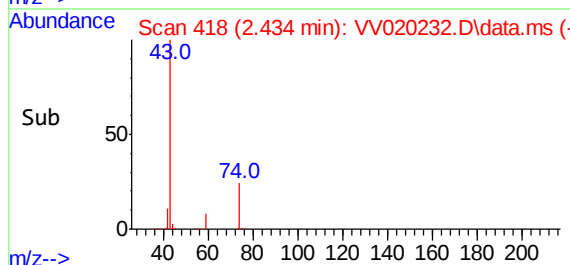
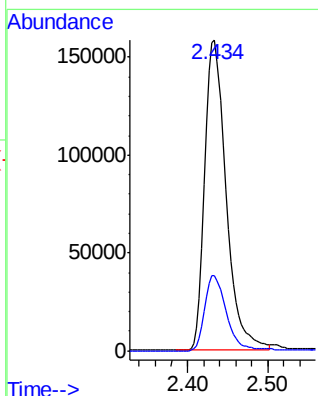
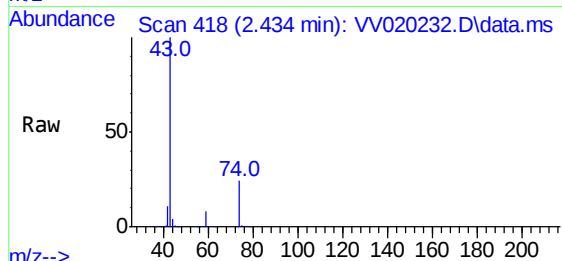




#15
Methyl Acetate
Concen: 45.54 ug/L
RT: 2.434 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

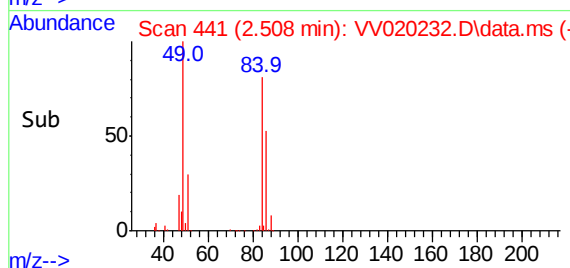
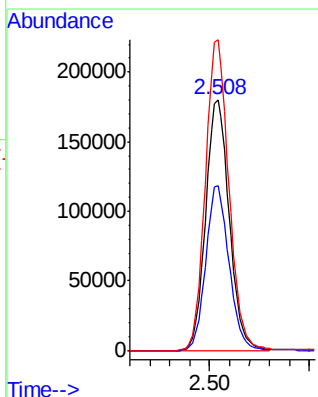
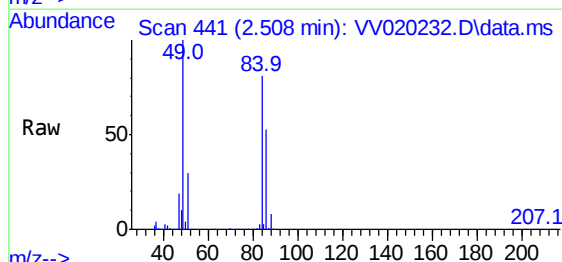
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

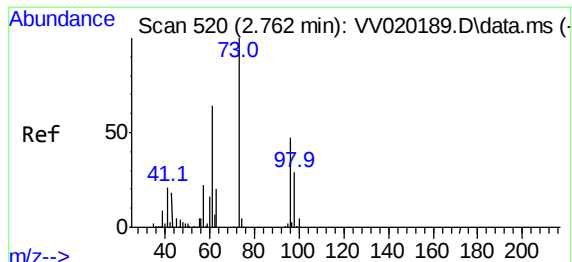
Tgt Ion: 43 Resp: 284097
Ion Ratio Lower Upper
43 100
74 24.6 17.6 26.4



#16
Methylene chloride
Concen: 48.53 ug/L
RT: 2.508 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 84 Resp: 294841
Ion Ratio Lower Upper
84 100
86 65.6 44.6 82.8
49 123.9 94.6 175.8

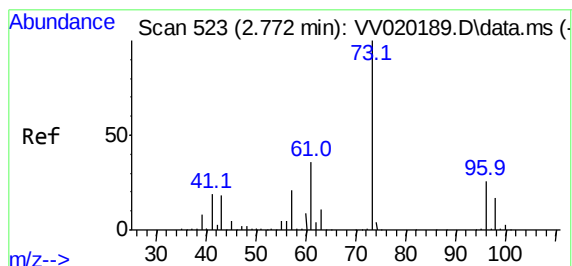
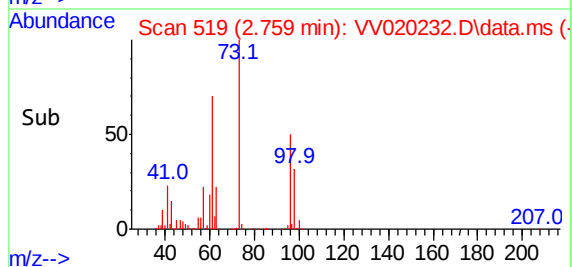
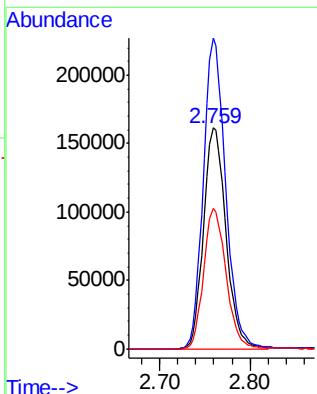
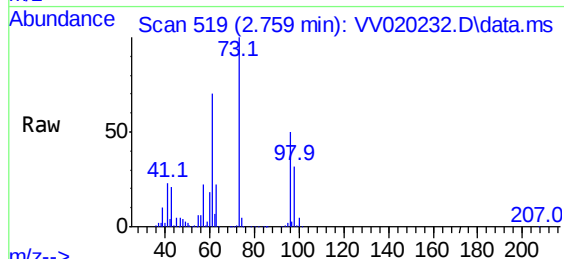




#17
trans-1,2-Dichloroethene
Concen: 48.46 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

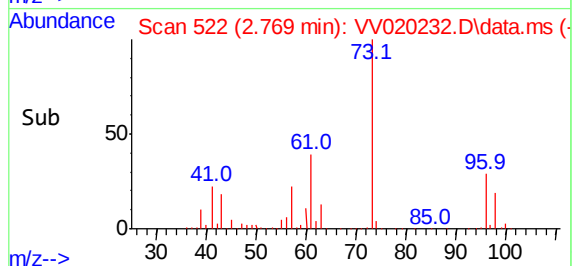
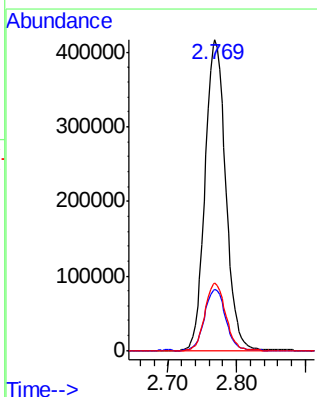
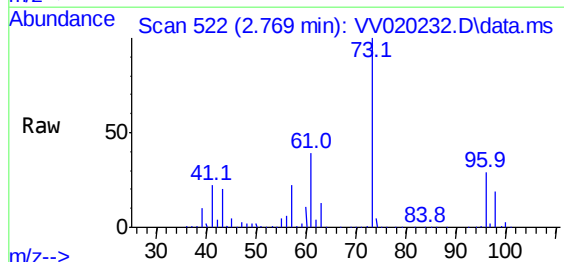
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

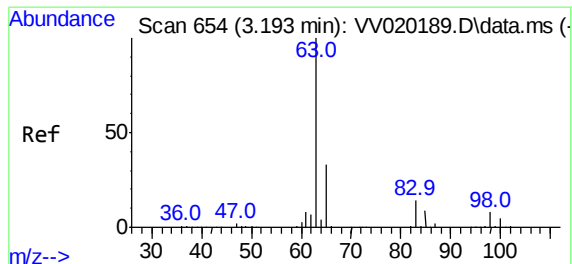
Tgt Ion: 96 Resp: 277553
Ion Ratio Lower Upper
96 100
61 140.7 103.1 191.5
98 63.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 47.69 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 73 Resp: 864833
Ion Ratio Lower Upper
73 100
43 20.0 17.3 25.9
57 21.6 17.9 26.9



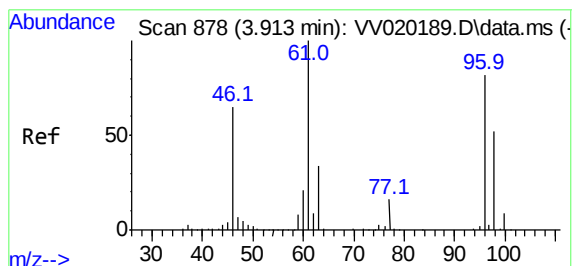
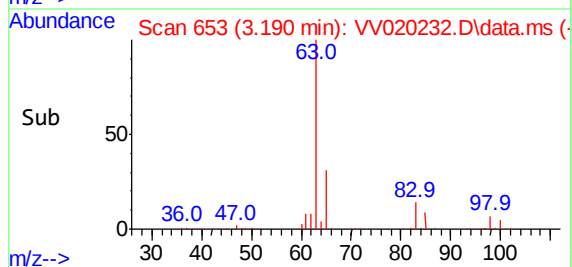
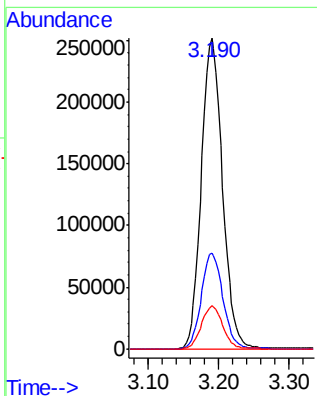
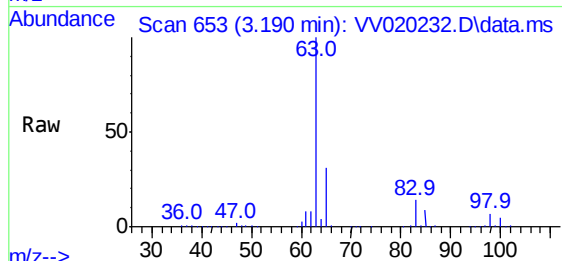


#19
1,1-Dichloroethane
Concen: 49.33 ug/L
RT: 3.190 min Scan# 653
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion: 63 Resp: 524456

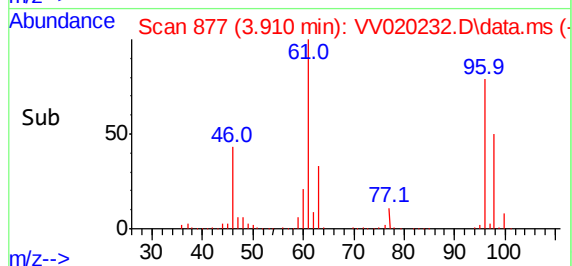
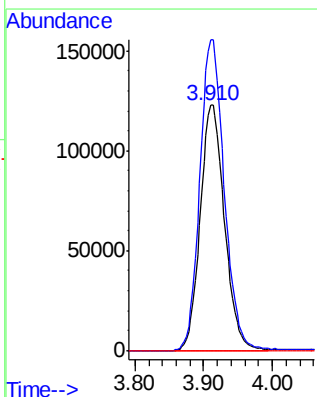
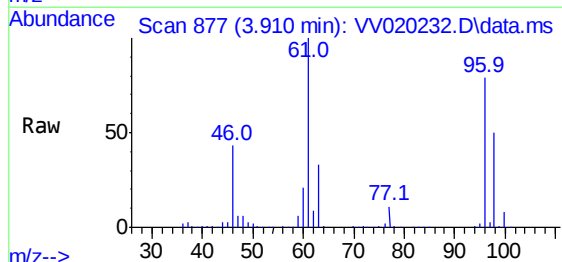
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.9	40.7
83	13.7	9.5	17.7

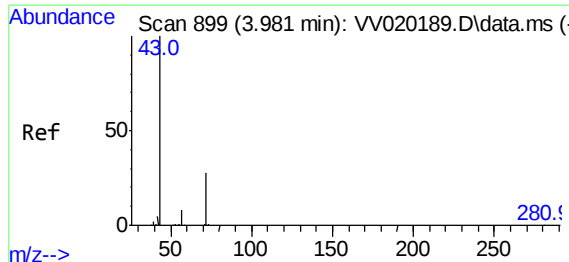


#20
cis-1,2-Dichloroethene
Concen: 47.17 ug/L
RT: 3.910 min Scan# 877
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 96 Resp: 300225

Ion	Ratio	Lower	Upper
96	100		
61	126.8	96.9	179.9
68	0.0	0.0	0.0

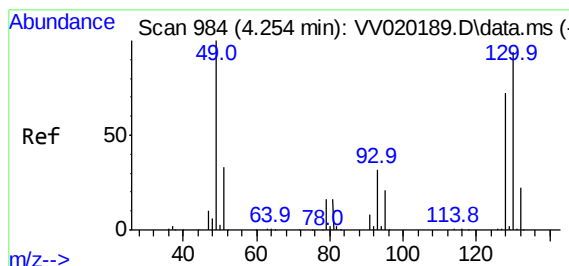
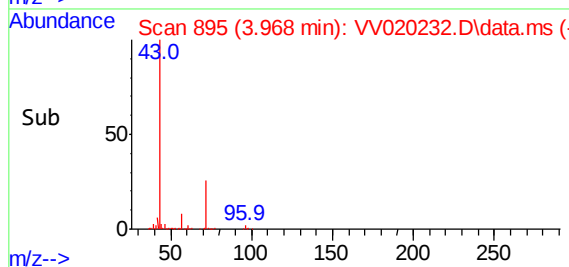
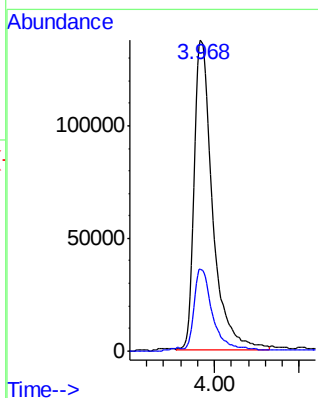
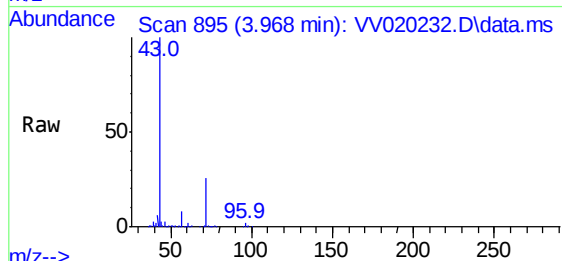




#22
2-Butanone
Concen: 90.07 ug/L
RT: 3.968 min Scan# 895
Delta R.T. -0.013 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

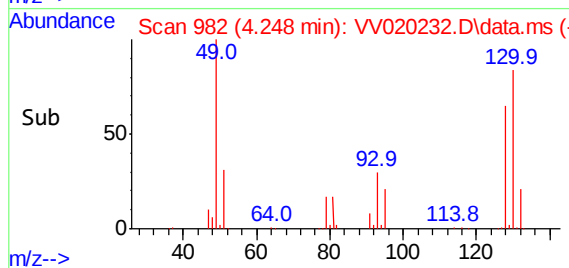
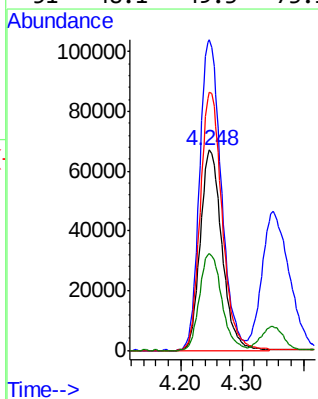
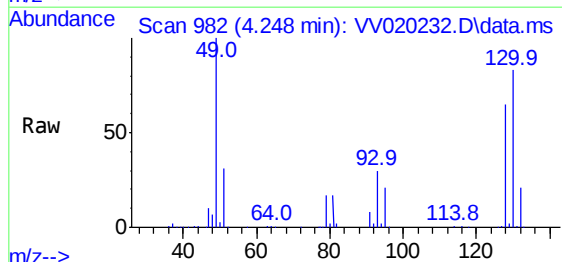
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

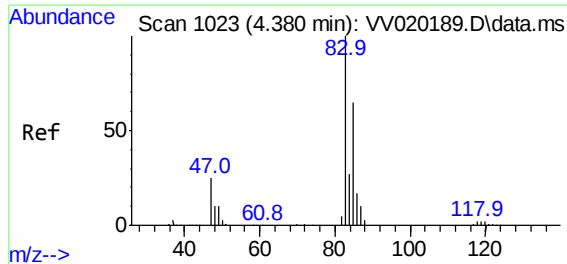
Tgt Ion: 43 Resp: 408191
Ion Ratio Lower Upper
43 100
72 24.6 12.2 36.6



#23
Bromochloromethane
Concen: 48.24 ug/L
RT: 4.248 min Scan# 982
Delta R.T. -0.007 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 128 Resp: 164015
Ion Ratio Lower Upper
128 100
49 155.0 133.1 247.1
130 129.1 89.0 165.4
51 48.1 49.3 73.9#

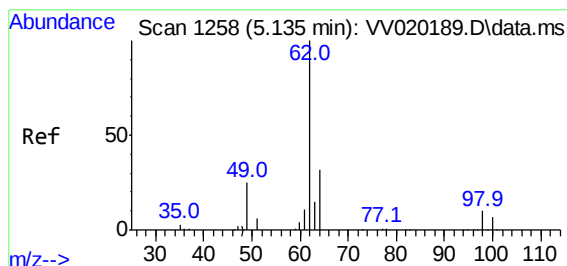
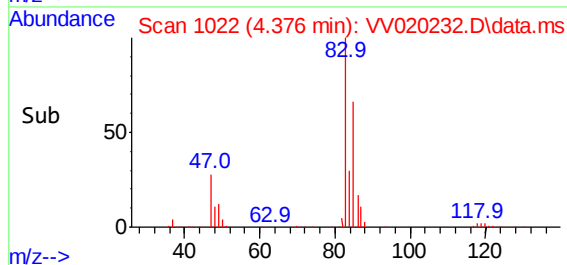
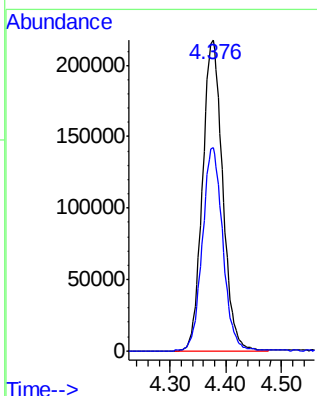
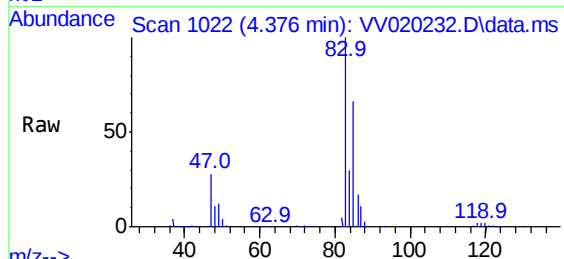




#25
Chloroform
Concen: 48.15 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

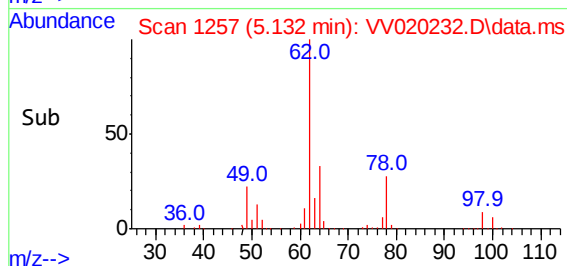
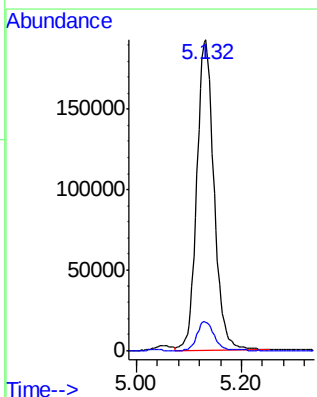
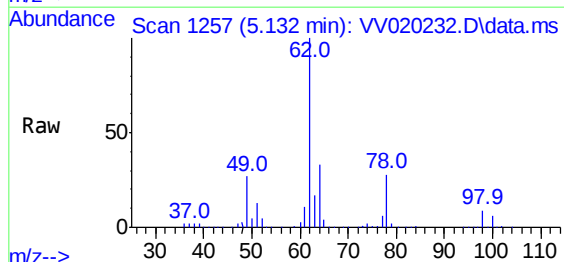
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

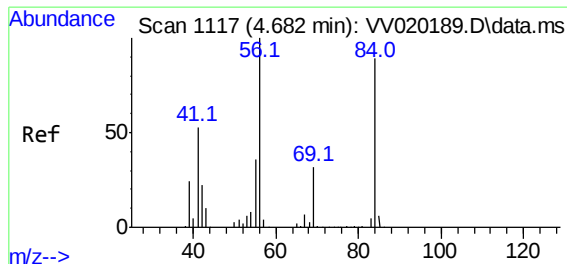
Tgt Ion: 83 Resp: 547613
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 47.74 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 62 Resp: 433023
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3

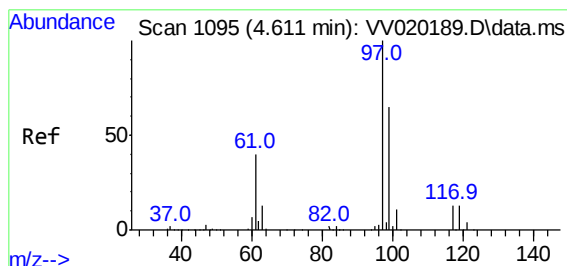
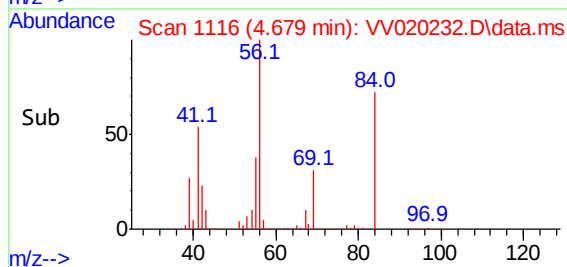
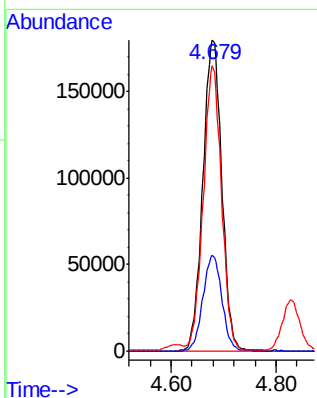
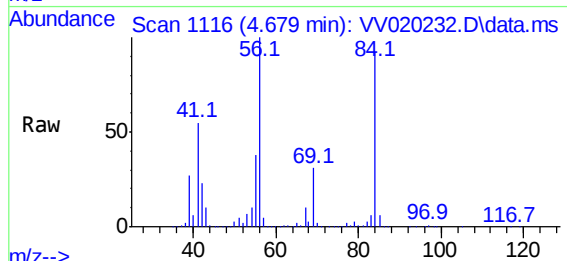




#29
Cyclohexane
Concen: 45.71 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

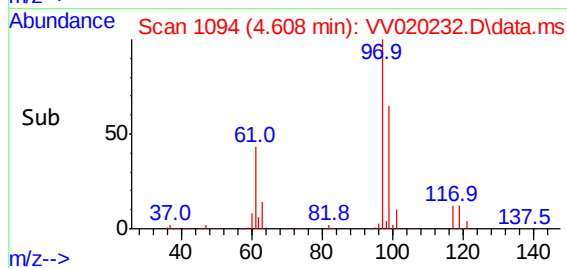
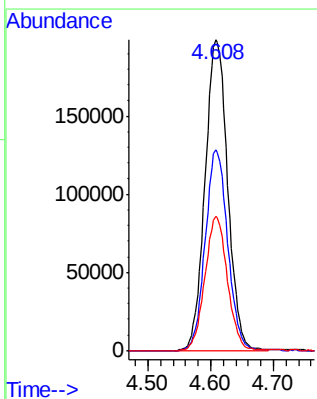
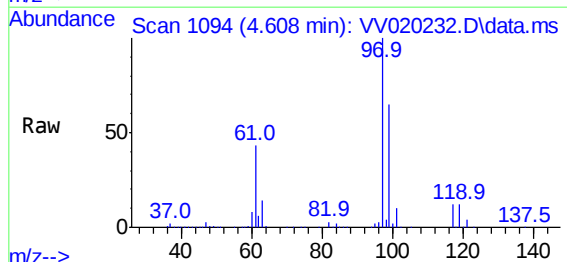
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

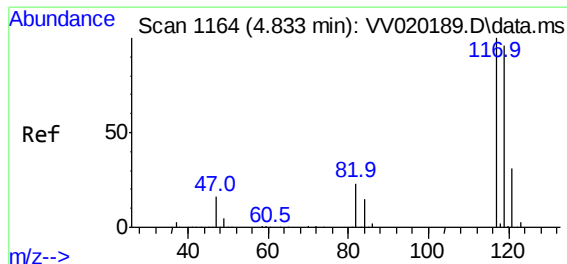
Tgt Ion: 56 Resp: 445818
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 88.3 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 46.24 ug/L
RT: 4.608 min Scan# 1094
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 97 Resp: 496930
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 42.9 38.5 57.7

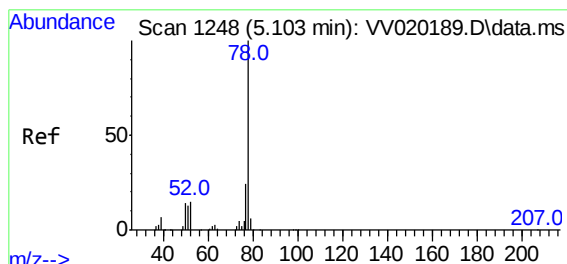
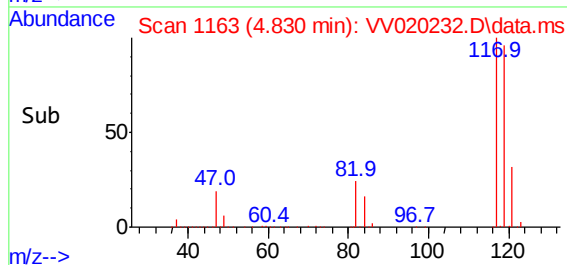
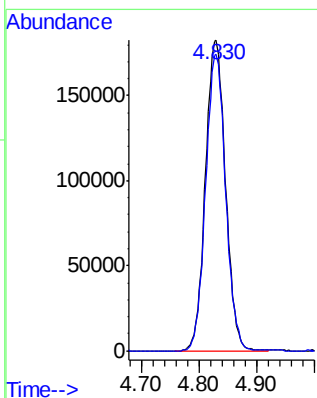
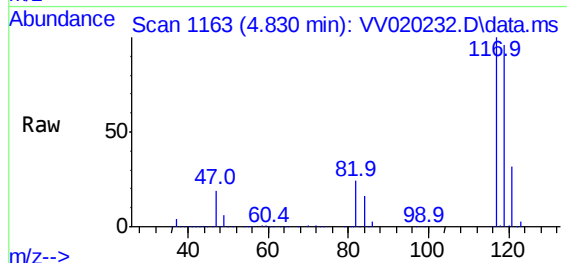




#31
Carbon tetrachloride
Concen: 47.05 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

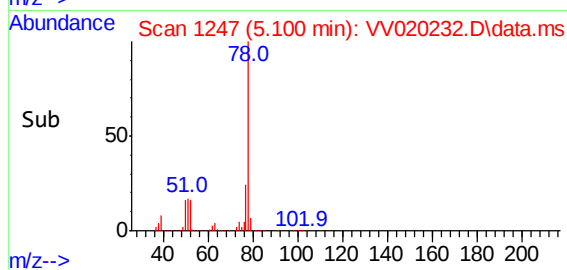
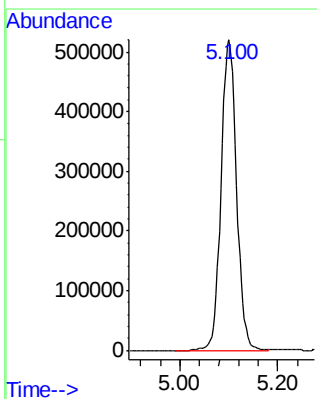
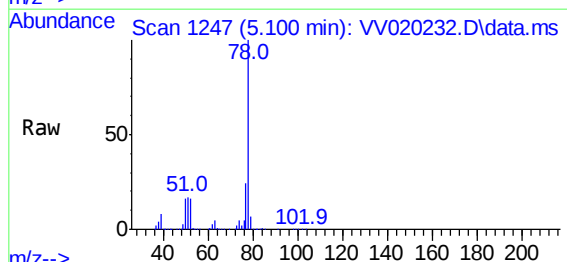
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

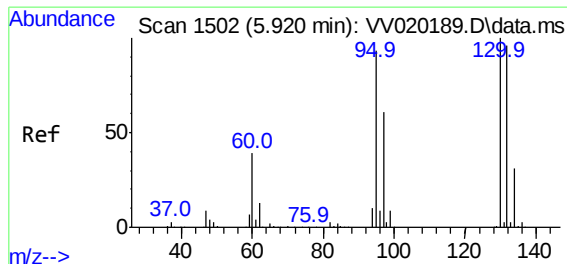
Tgt Ion:117 Resp: 437796
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 44.80 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 78 Resp: 1139153

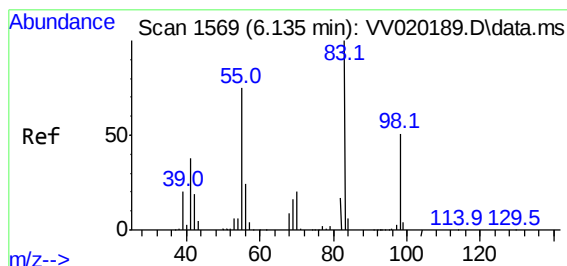
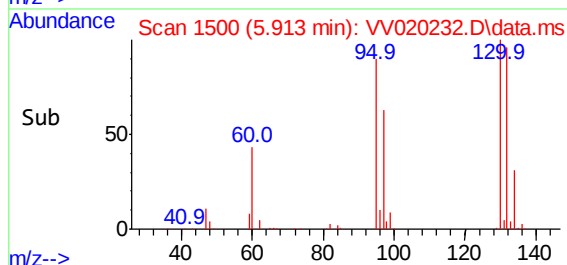
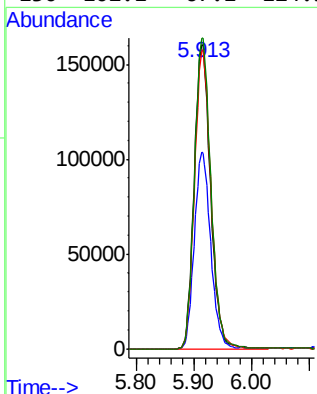
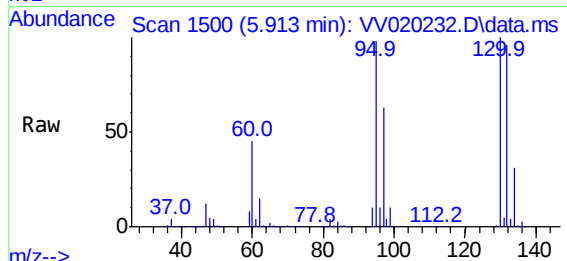




#34
Trichloroethene
Concen: 46.47 ug/L
RT: 5.913 min Scan# 1500
Delta R.T. -0.007 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

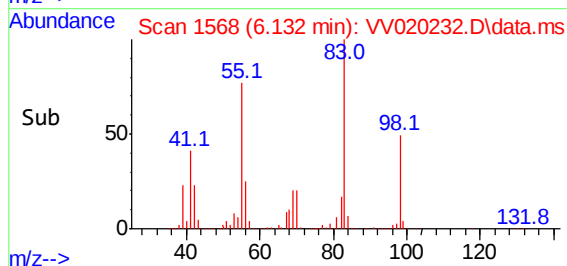
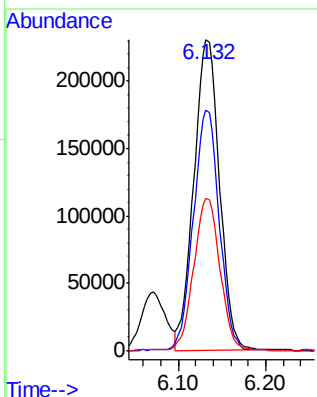
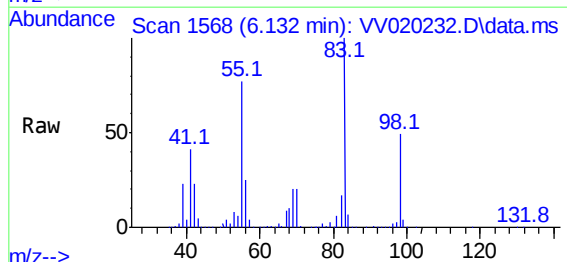
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

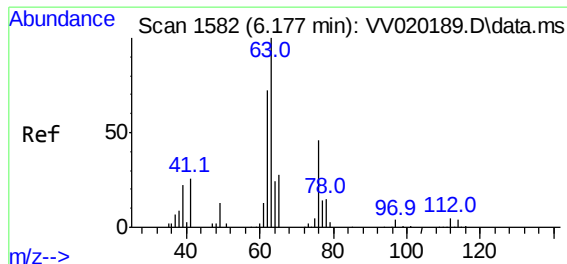
Tgt Ion: 95 Resp: 316880
Ion Ratio Lower Upper
95 100
97 64.7 44.5 82.7
132 98.0 63.4 117.8
130 102.1 67.1 124.5



#35
Methylcyclohexane
Concen: 47.05 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 83 Resp: 468834
Ion Ratio Lower Upper
83 100
55 77.8 65.1 97.7
98 49.8 38.2 57.2

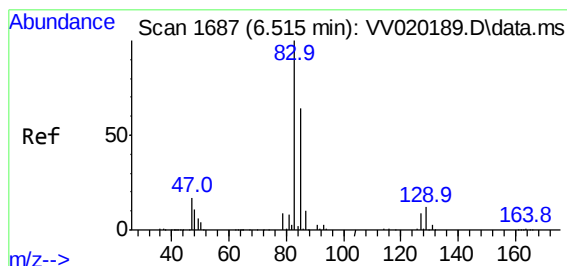
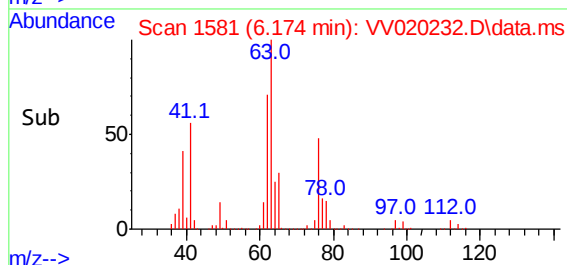
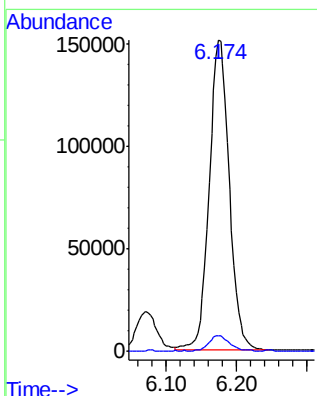
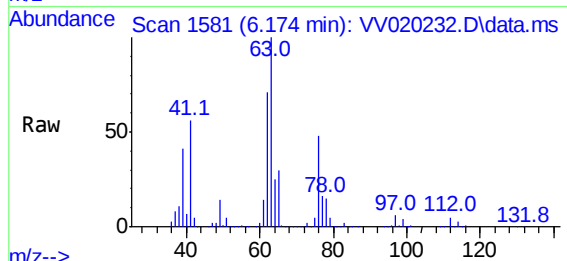




#37
1,2-Dichloropropane
Concen: 47.25 ug/L
RT: 6.174 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

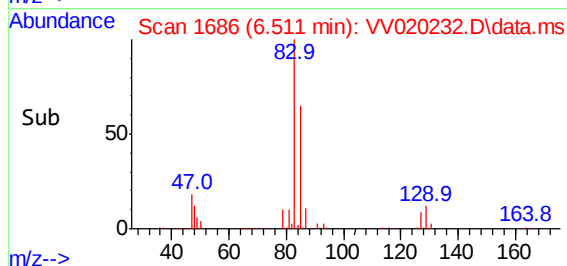
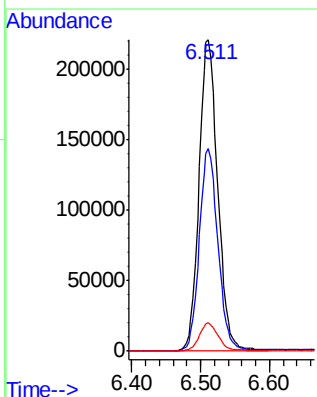
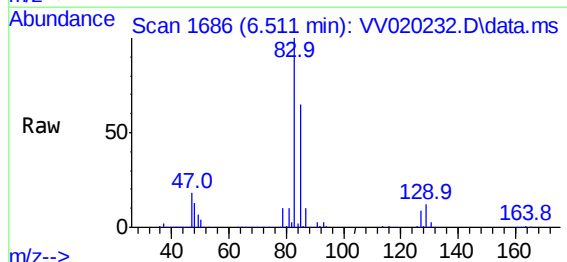
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

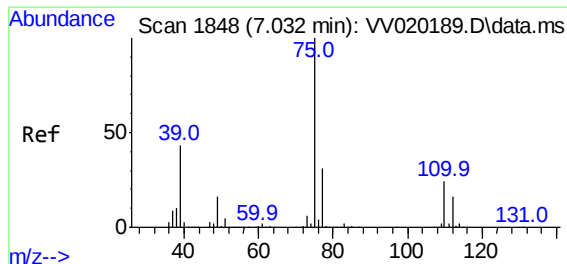
Tgt Ion: 63 Resp: 300005
Ion Ratio Lower Upper
63 100
112 4.9 3.3 4.9



#38
Bromodichloromethane
Concen: 46.69 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 83 Resp: 412970
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
127 8.8 6.3 9.5

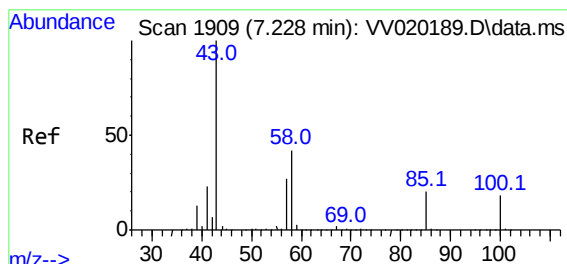
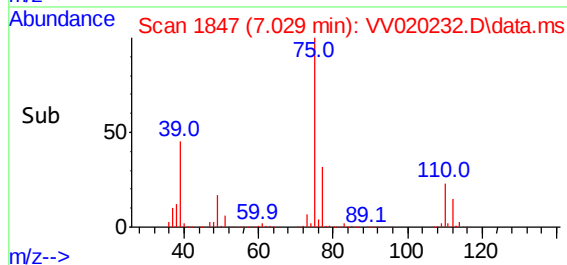
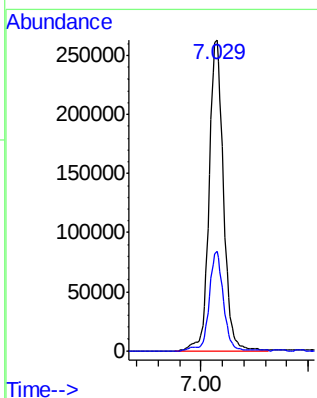
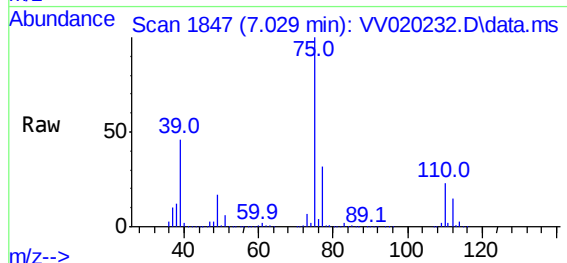




#39
 cis-1,3-Dichloropropene
 Concen: 47.25 ug/L
 RT: 7.029 min Scan# 1847
 Delta R.T. -0.003 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

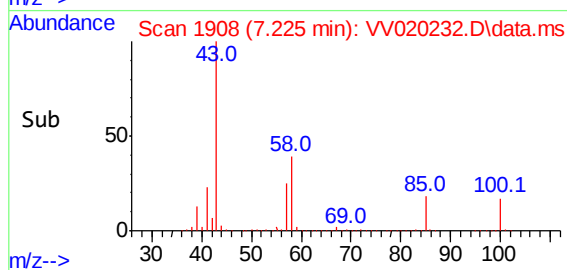
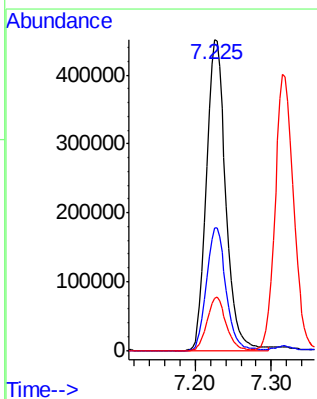
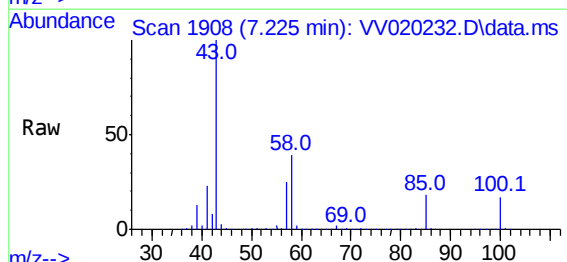
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

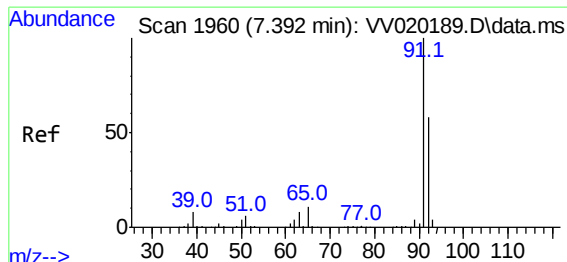
Tgt Ion: 75 Resp: 479787
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 86.35 ug/L
 RT: 7.225 min Scan# 1908
 Delta R.T. -0.003 min
 Lab File: VV020232.D
 Acq: 02 Feb 2021 11:49

Tgt Ion: 43 Resp: 790631
 Ion Ratio Lower Upper
 43 100
 58 40.0 30.7 46.1
 100 16.8 11.6 17.4





#42

Toluene

Concen: 45.85 ug/L

RT: 7.389 min Scan# 1959

Delta R.T. -0.003 min

Lab File: VV020232.D

Acq: 02 Feb 2021 11:49

Tgt Ion: 91 Resp: 1240866

Ion Ratio Lower Upper

91 100

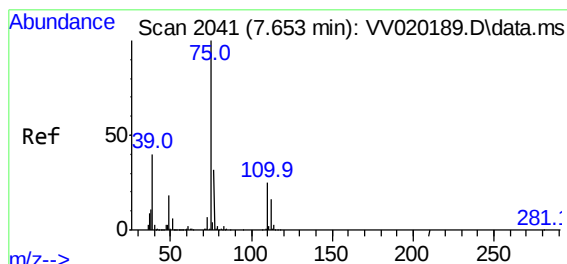
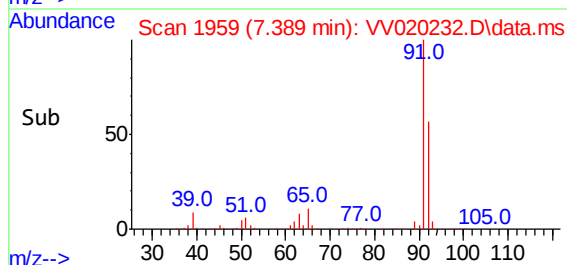
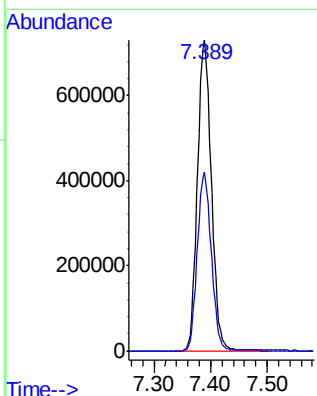
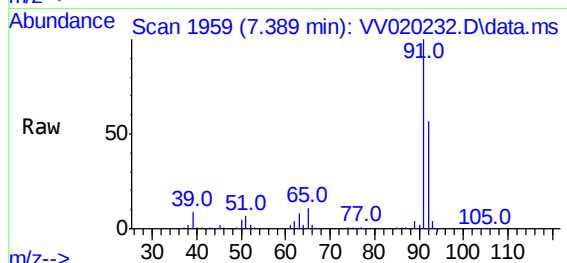
92 57.5 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083



#44

trans-1,3-Dichloropropene

Concen: 47.32 ug/L

RT: 7.653 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VV020232.D

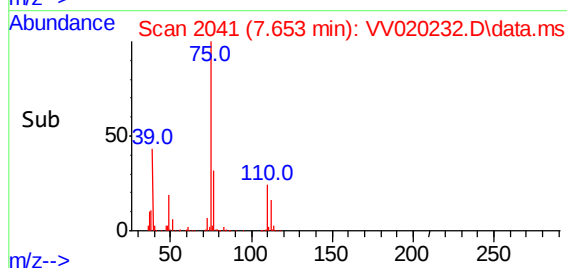
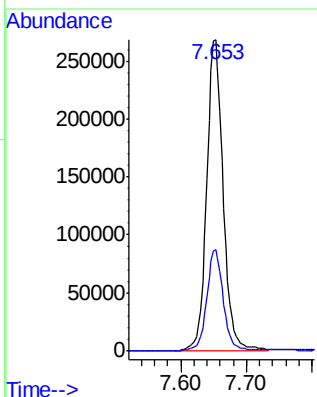
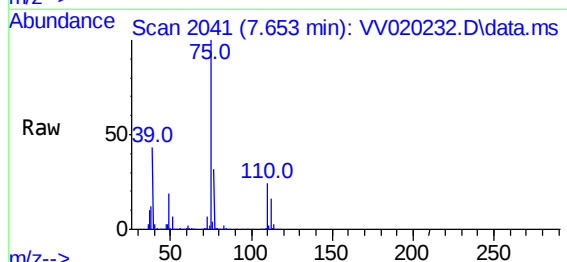
Acq: 02 Feb 2021 11:49

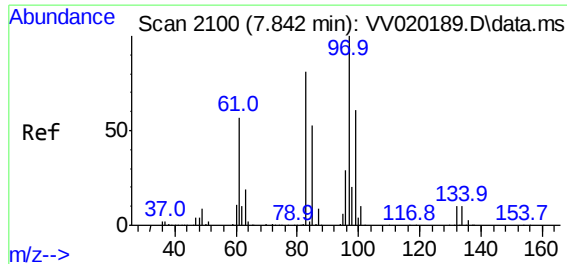
Tgt Ion: 75 Resp: 464012

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



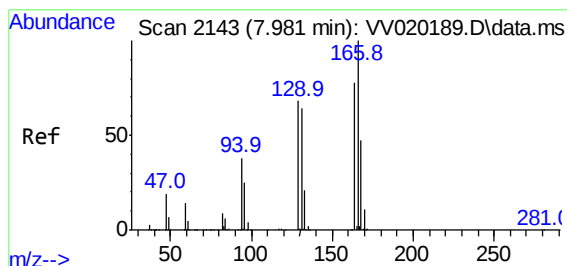
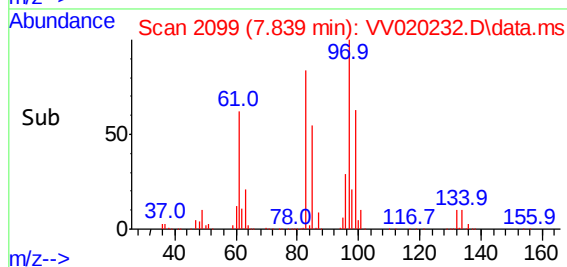
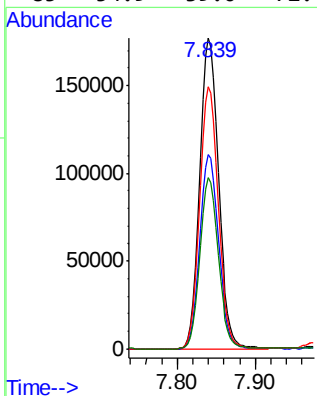
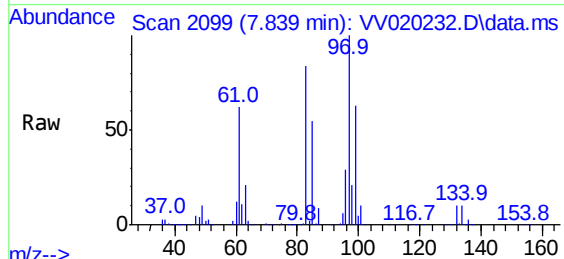


#45
1,1,2-Trichloroethane
Concen: 46.72 ug/L
RT: 7.839 min Scan# 2099
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion: 97 Resp: 296116

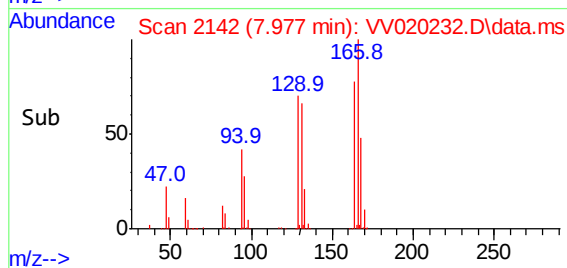
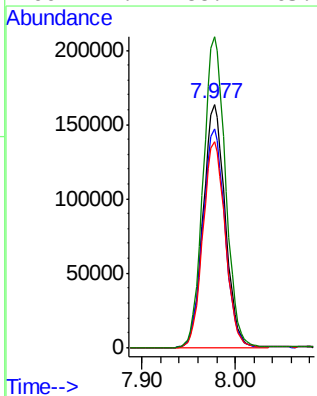
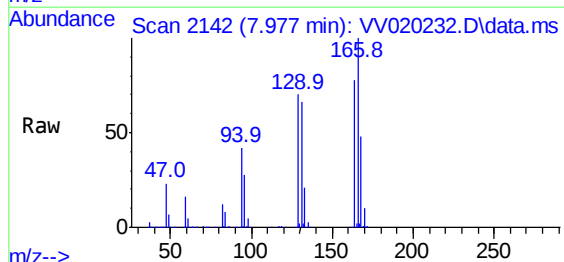
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.3
83	84.4	62.2	115.4
85	54.9	39.0	72.4

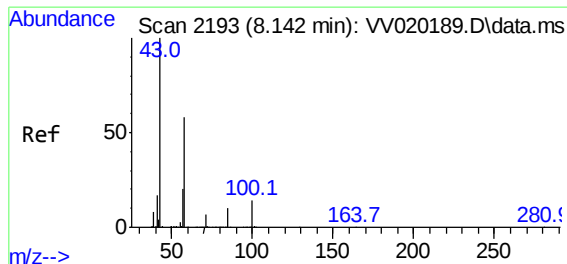


#46
Tetrachloroethene
Concen: 46.77 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 164 Resp: 268325

Ion	Ratio	Lower	Upper
164	100		
129	89.8	70.6	131.0
131	84.5	66.8	124.0
166	127.7	88.2	163.8

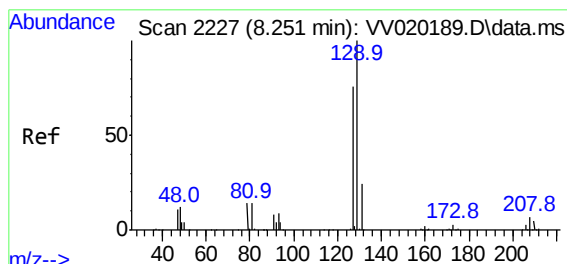
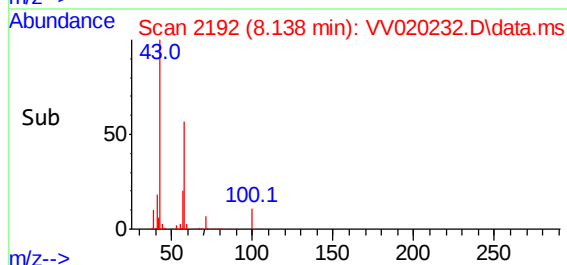
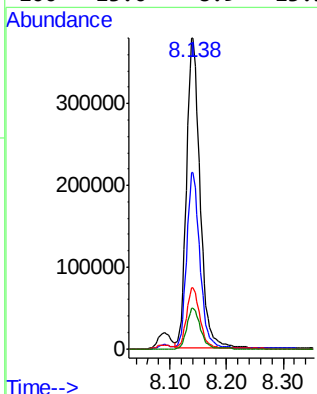
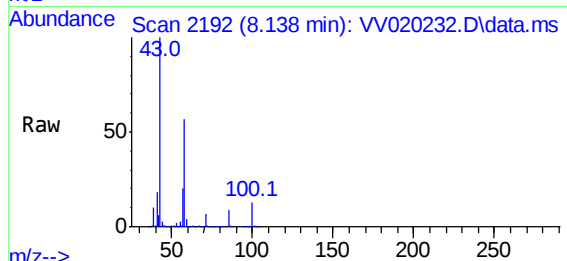




#48
2-Hexanone
Concen: 93.43 ug/L
RT: 8.138 min Scan# 2192
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

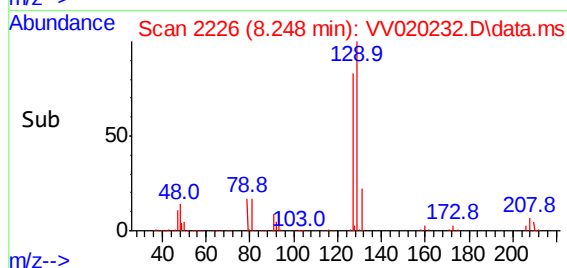
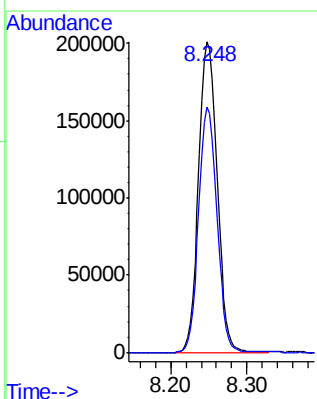
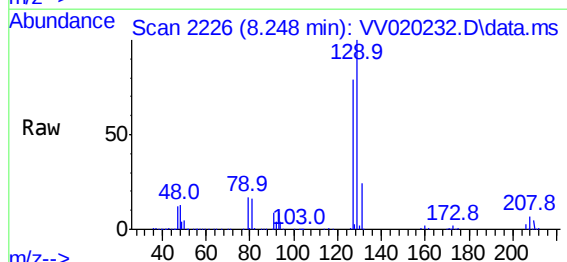
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

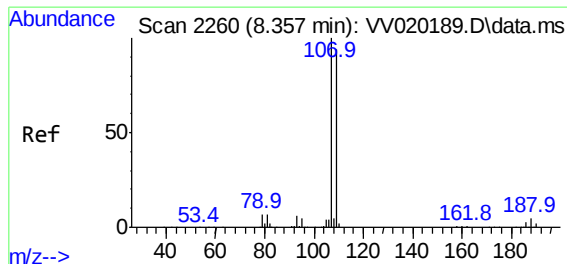
Tgt Ion: 43 Resp: 629893
Ion Ratio Lower Upper
43 100
58 54.9 41.8 62.6
57 19.1 15.0 22.4
100 13.0 8.9 13.3



#49
Dibromochloromethane
Concen: 47.80 ug/L
RT: 8.248 min Scan# 2226
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 129 Resp: 340023
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6

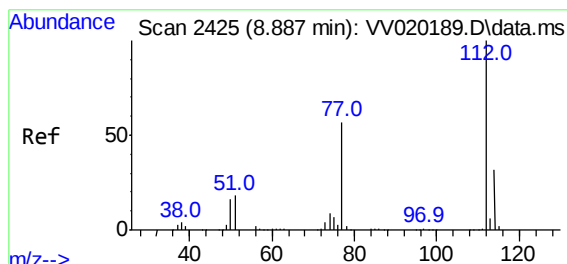
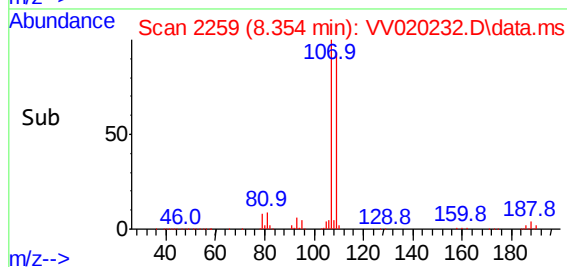
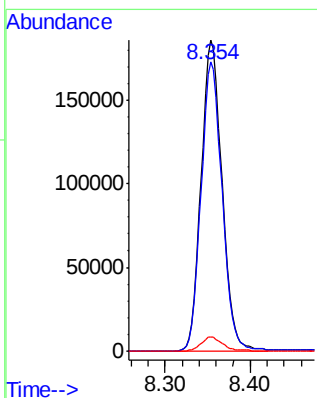
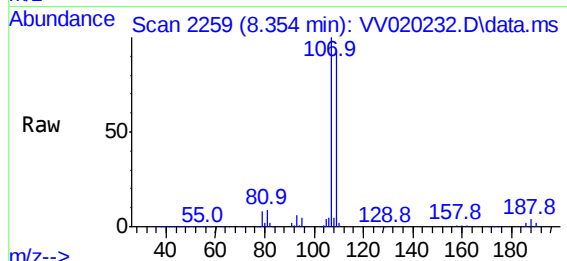




#50
1,2-Dibromoethane
Concen: 46.14 ug/L
RT: 8.354 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

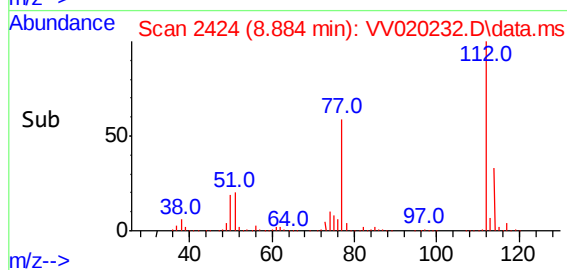
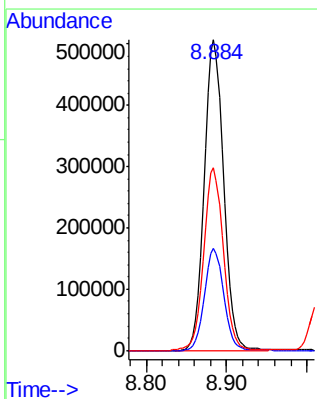
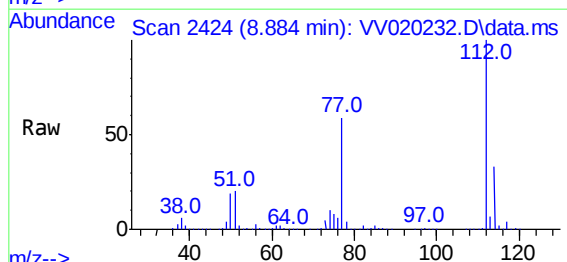
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

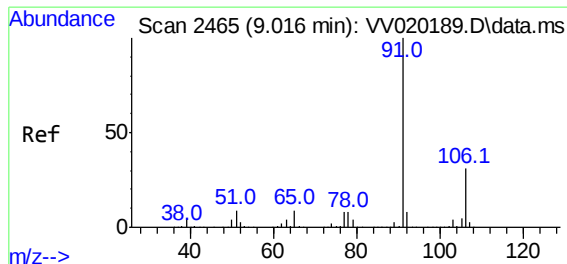
Tgt Ion:107 Resp: 316126
Ion Ratio Lower Upper
107 100
109 93.1 66.2 123.0
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 45.35 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:112 Resp: 814084
Ion Ratio Lower Upper
112 100
114 32.8 22.2 41.2
77 58.7 49.0 73.6

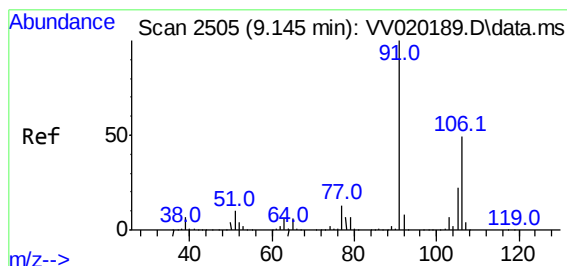
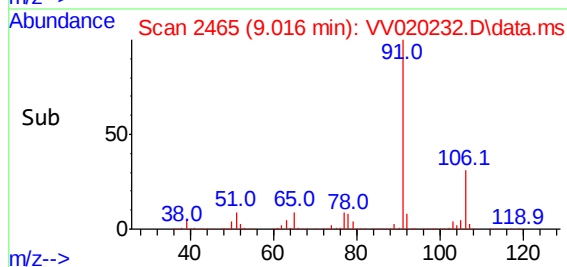
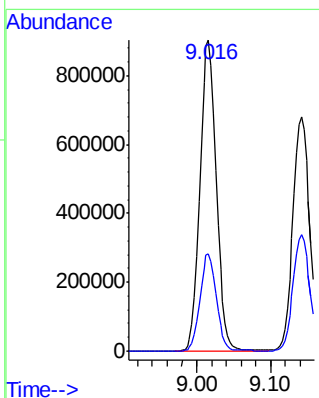
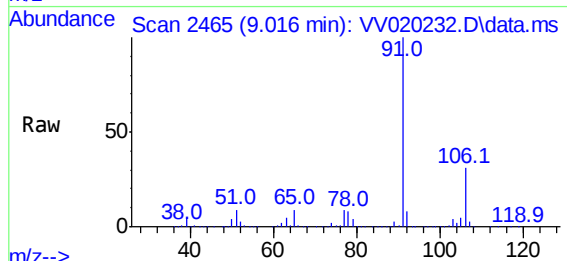




#52
Ethylbenzene
Concen: 47.81 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

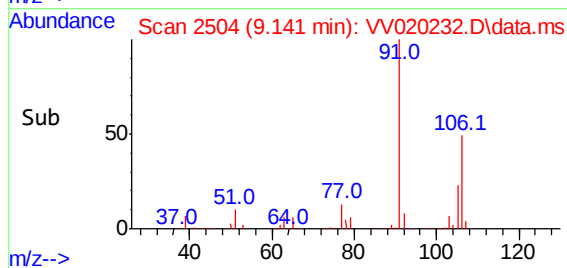
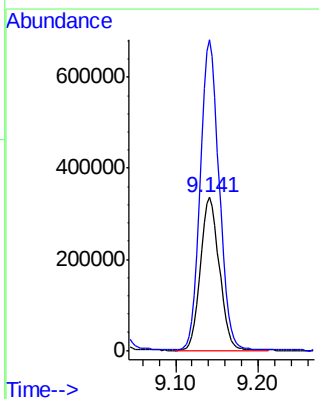
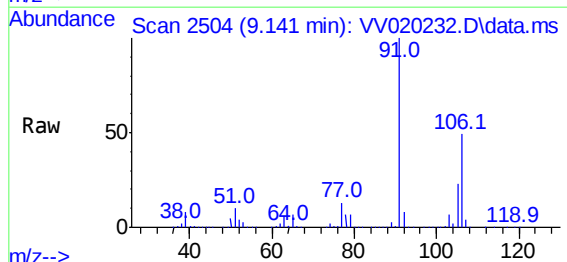
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

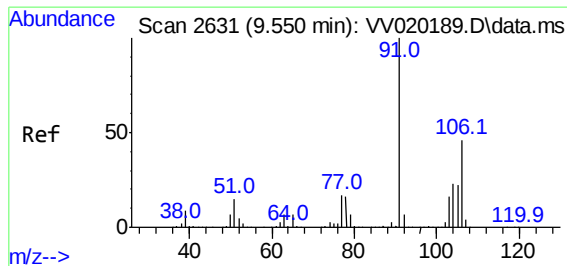
Tgt Ion: 91 Resp: 1387141
Ion Ratio Lower Upper
91 100
106 31.3 21.0 39.0



#53
m,p-Xylene
Concen: 47.20 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 106 Resp: 533286
Ion Ratio Lower Upper
106 100
91 203.0 148.1 275.0

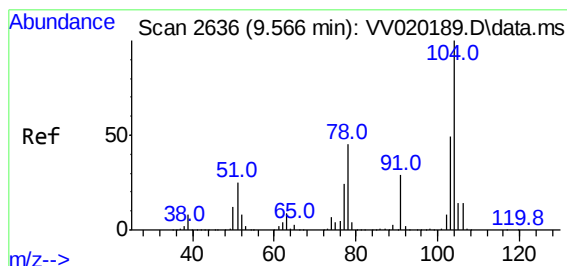
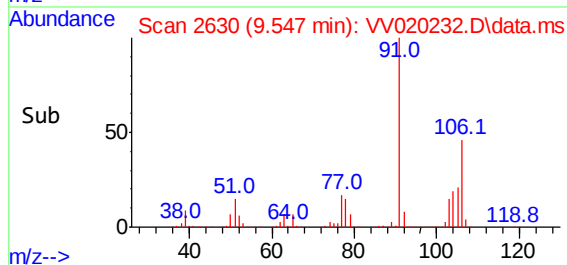
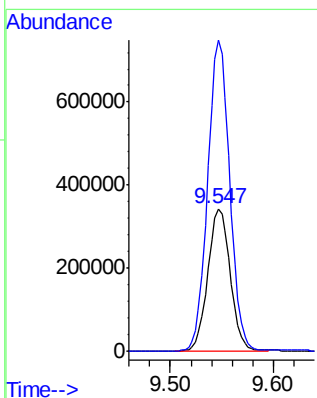
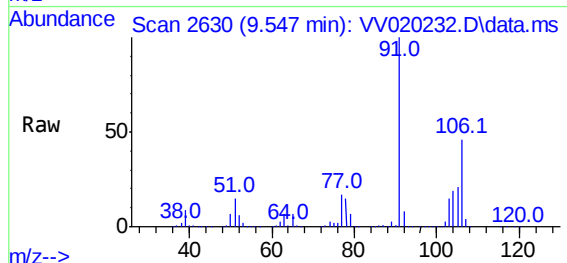




#54
o-xylene
Concen: 47.80 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

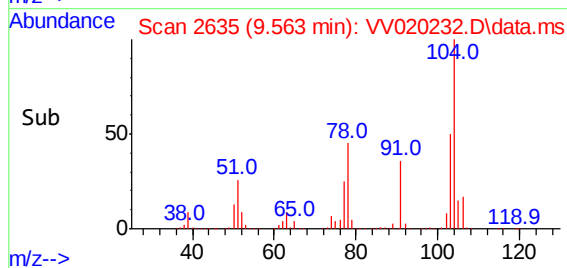
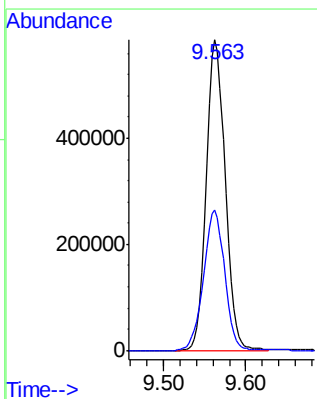
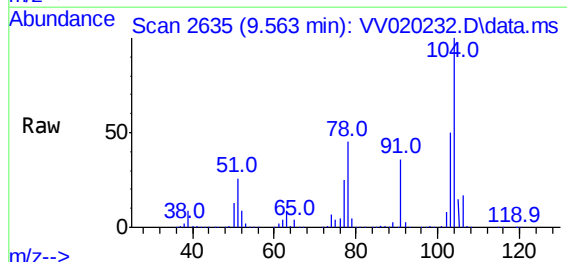
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

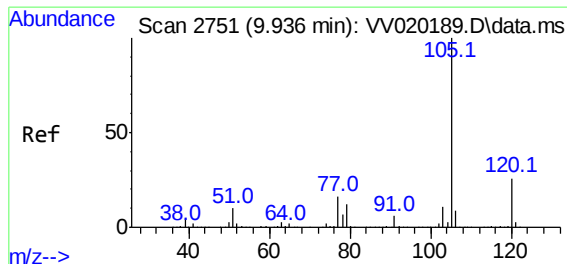
Tgt Ion:106 Resp: 513467
Ion Ratio Lower Upper
106 100
91 218.8 156.4 290.6



#55
Styrene
Concen: 48.93 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:104 Resp: 925744
Ion Ratio Lower Upper
104 100
78 45.2 33.7 62.5

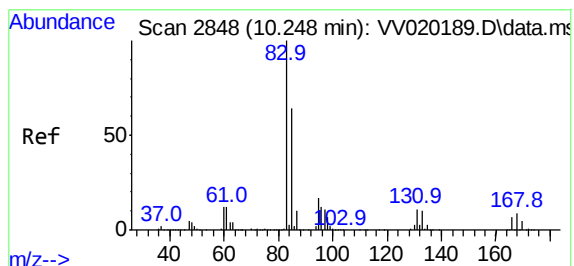
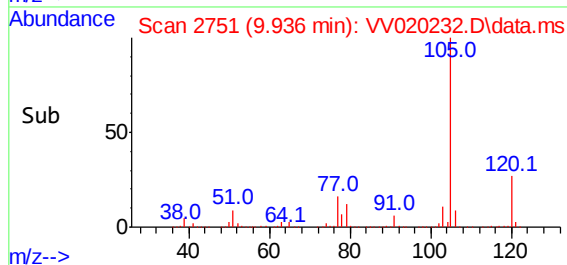
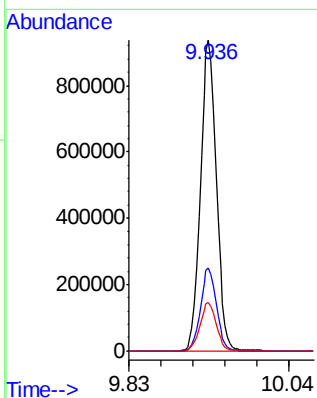
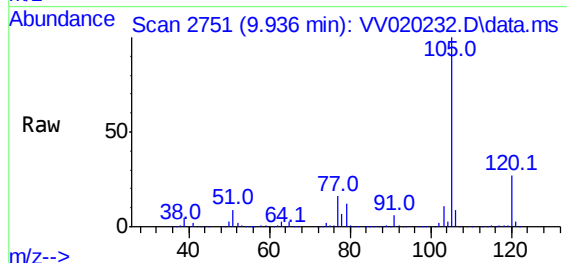




#56
Isopropylbenzene
Concen: 48.23 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

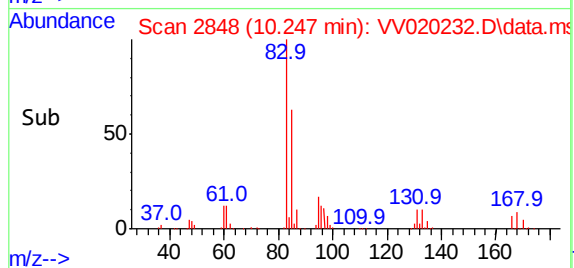
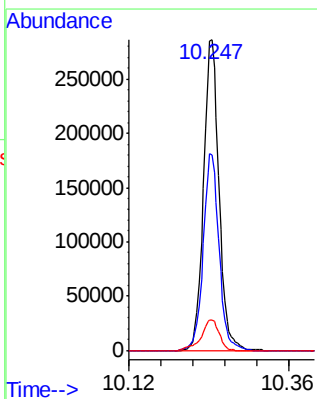
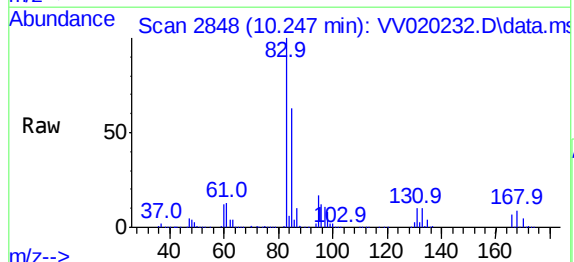
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

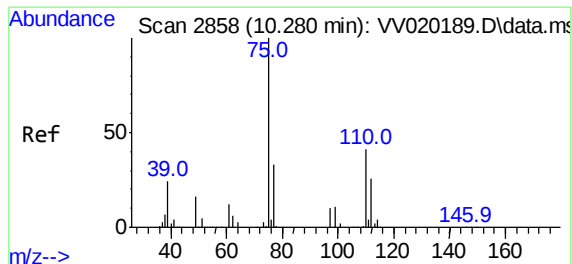
Tgt Ion:105 Resp: 1395386
Ion Ratio Lower Upper
105 100
120 26.5 20.5 30.7
77 15.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 44.02 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 83 Resp: 458206
Ion Ratio Lower Upper
83 100
85 63.1 44.3 82.3
131 10.0 7.3 10.9

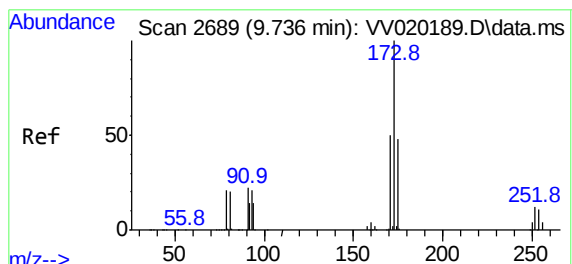
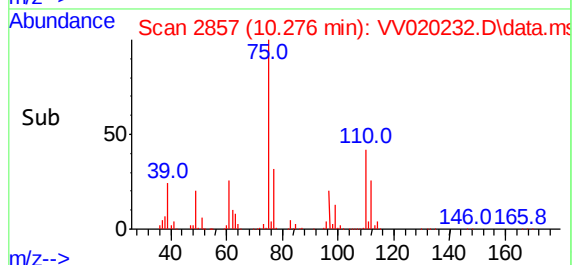
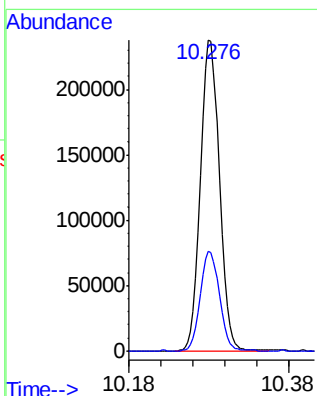
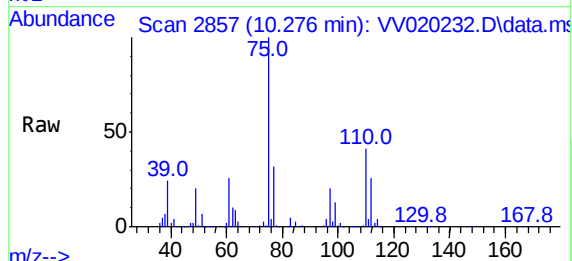




#59
1,2,3-Trichloropropane
Concen: 44.45 ug/L
RT: 10.276 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

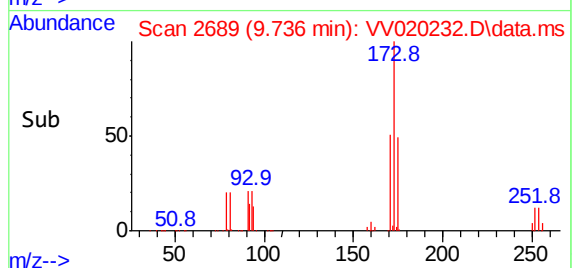
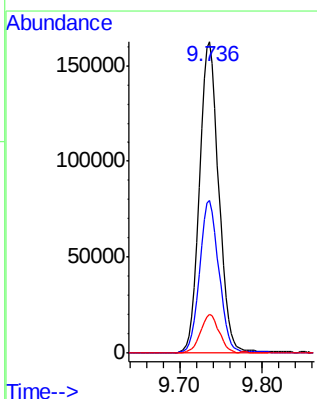
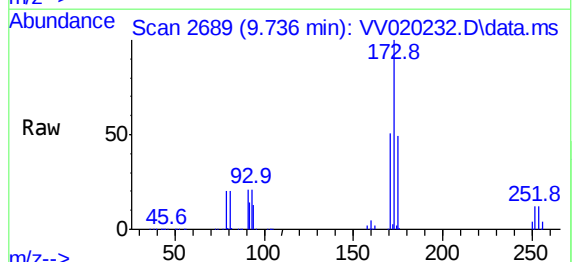
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

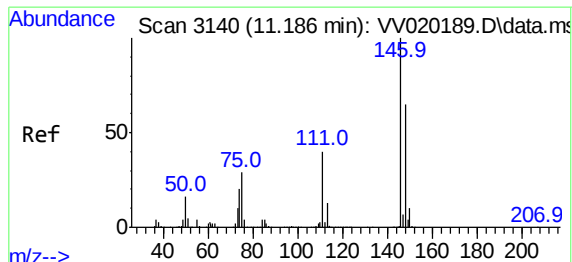
Tgt Ion: 75 Resp: 376612
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#61
Bromoform
Concen: 51.60 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:173 Resp: 262383
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 11.6 6.5 9.7#

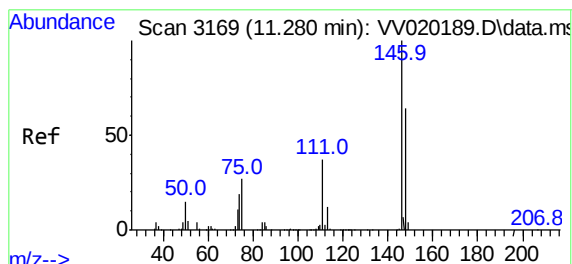
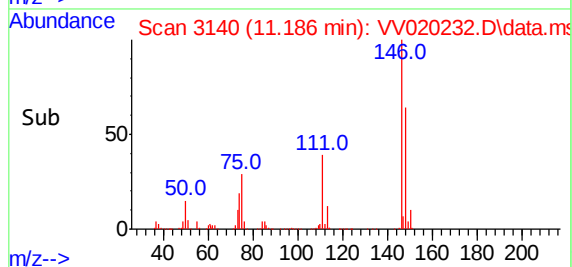
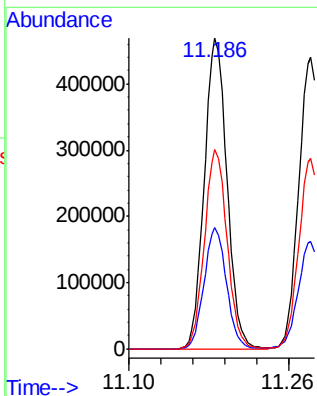
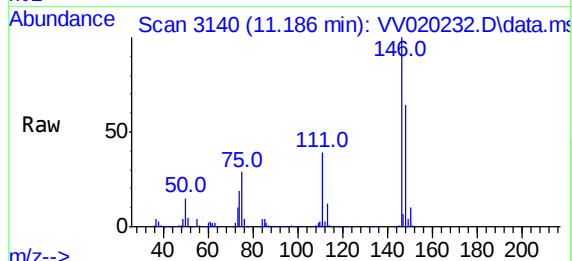




#62
1,3-Dichlorobenzene
Concen: 52.24 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

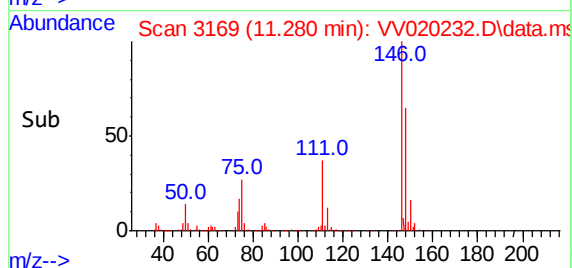
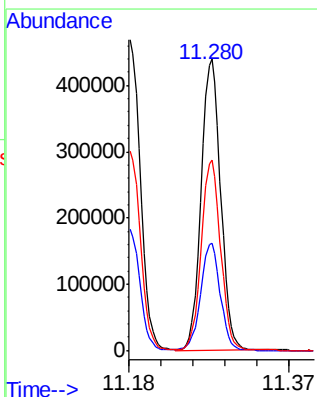
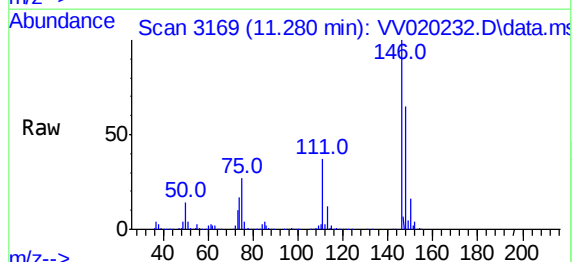
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

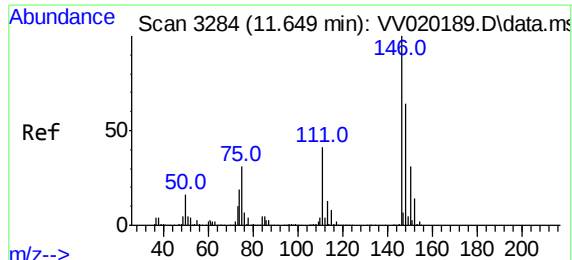
Tgt Ion:146 Resp: 715835
Ion Ratio Lower Upper
146 100
111 39.0 30.2 56.2
148 64.1 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 47.74 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:146 Resp: 677948
Ion Ratio Lower Upper
146 100
111 36.6 29.4 54.6
148 65.2 44.7 83.1

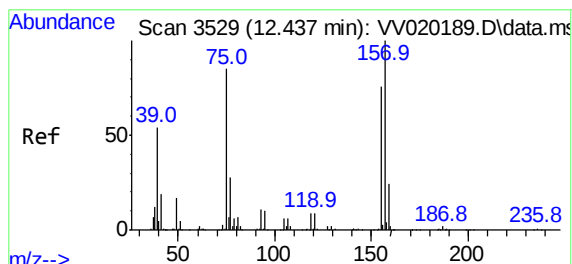
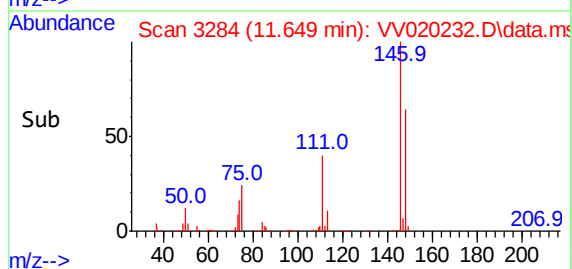
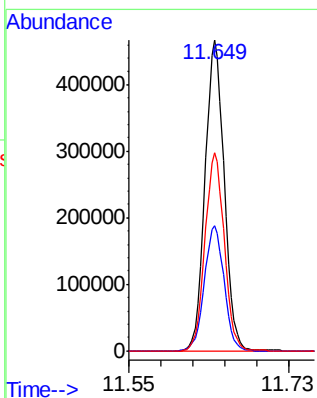
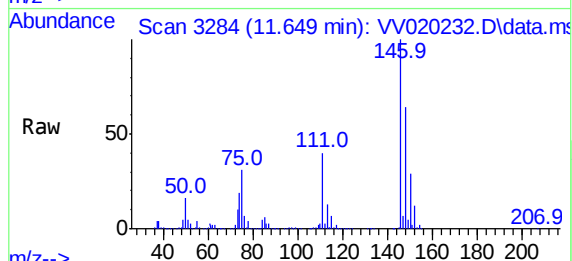




#65
1,2-Dichlorobenzene
Concen: 49.41 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

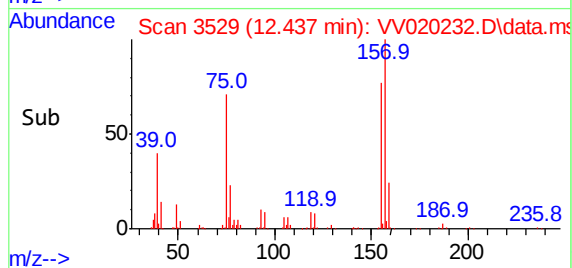
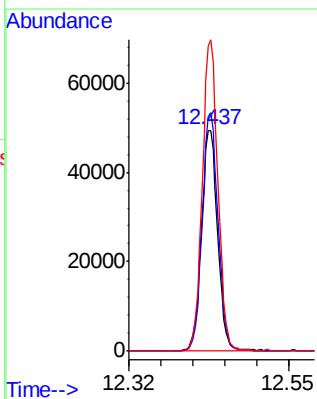
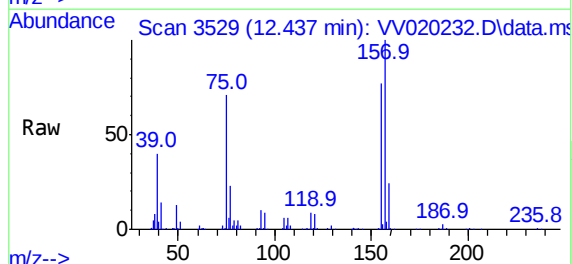
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

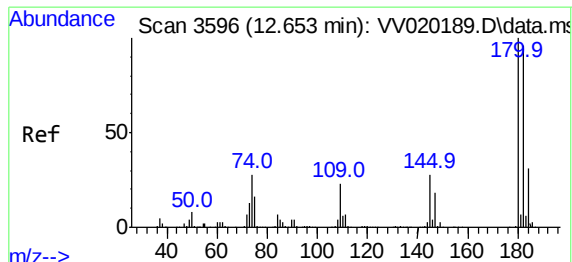
Tgt Ion:146 Resp: 704988
Ion Ratio Lower Upper
146 100
111 40.4 36.3 54.5
148 63.9 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 35.41 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion: 75 Resp: 79866
Ion Ratio Lower Upper
75 100
155 108.1 59.1 88.7#
157 141.0 75.4 113.0#

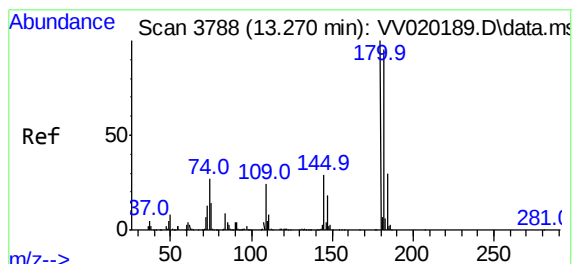
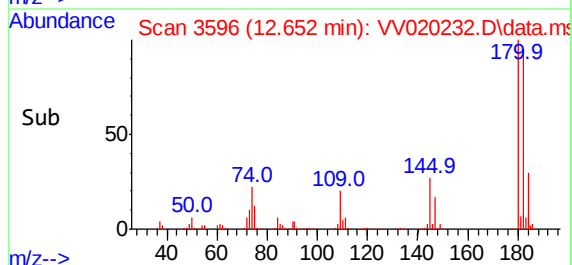
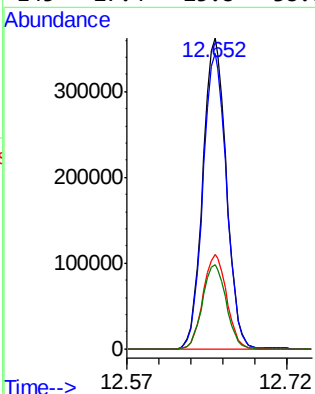
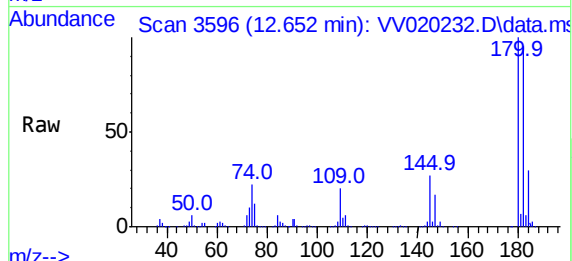




#67
1,3,5-Trichlorobenzene
Concen: 45.56 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

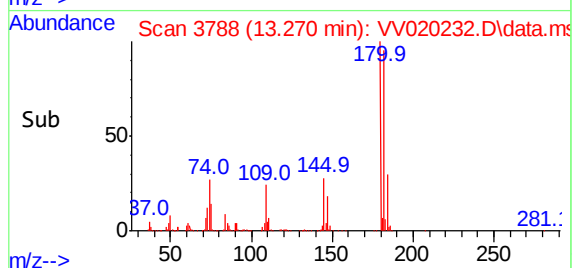
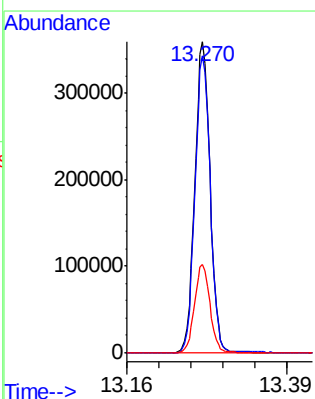
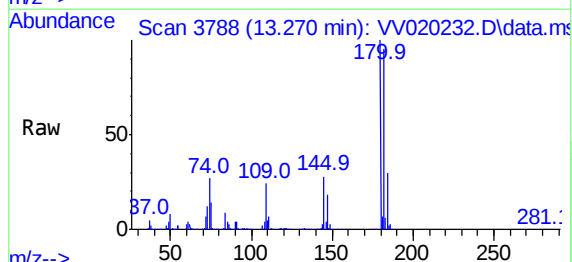
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

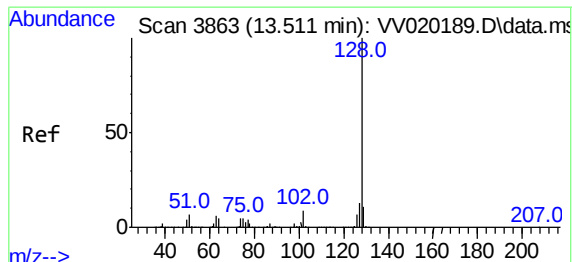
Tgt Ion:180 Resp: 545668
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
184 30.6 24.0 36.0
145 27.4 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 48.83 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:180 Resp: 532134
Ion Ratio Lower Upper
180 100
182 96.3 75.1 112.7
145 28.6 26.8 40.2

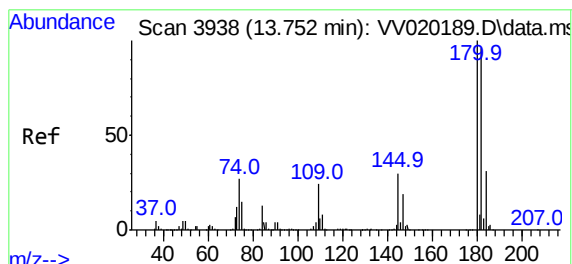
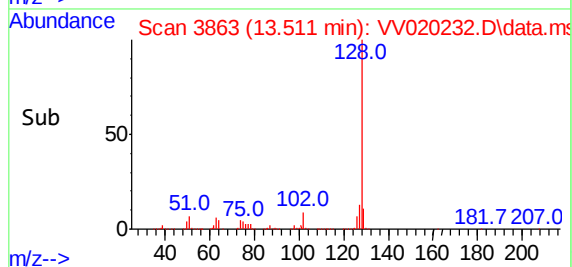
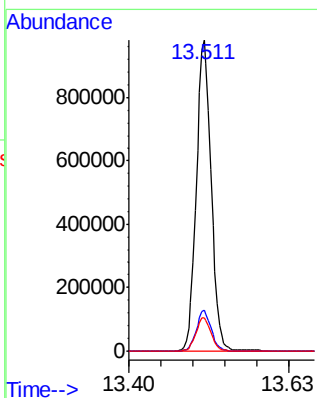
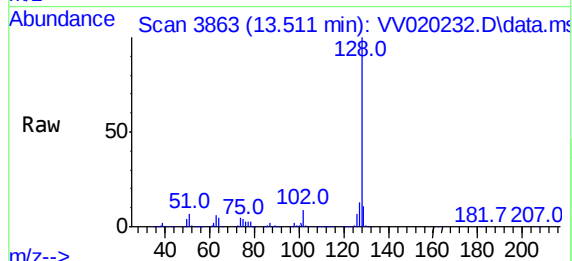




#69
Naphthalene
Concen: 47.26 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tgt Ion:128 Resp: 1470812
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: 49.53 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020232.D
Acq: 02 Feb 2021 11:49

Tgt Ion:180 Resp: 536636
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 30.7 27.9 41.9

