

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012021\
 Data File : VW017962.D
 Acq On : 20 Jan 2021 09:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Jan 20 21:57:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	376949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	342421	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	169351	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146118	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	2.885	69	135480	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.92%
10) 1,1-Dichloroethene-d2	4.019	63	274558	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.76%
20) 2-Butanone-d5	7.080	46	62824	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.647	84	273627	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.299	65	149697	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	8.269	84	511075	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.275	67	147121	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.52%
37) Toluene-d8	10.323	98	479963	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloroprop...	10.579	79	63361	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.927	63	44271	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123624	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	154310	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	110543	24.23	ug/L	98
3) Chloromethane	2.209	50	109232	26.47	ug/L	97
5) Vinyl chloride	2.361	62	175983	27.97	ug/L	96
6) Bromomethane	2.782	94	144447	28.58	ug/L	98
8) Chloroethane	2.922	64	114630	29.33	ug/L	99
9) Trichlorofluoromethane	3.263	101	129687	27.19	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	137087	26.13	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	132785	26.85	ug/L	87
13) Acetone	4.135	43	47176	46.82	ug/L	94
14) Carbon disulfide	4.379	76	413365	27.00	ug/L	98
15) Methyl Acetate	4.672	43	55216	22.52	ug/L	96
16) Methylene chloride	4.916	84	137245	25.13	ug/L	94
17) Methyl tert-butyl Ether	5.422	73	170534	25.61	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	141995	26.53	ug/L	97
19) 1,1-Dichloroethane	6.214	63	245889	27.13	ug/L	99
21) 2-Butanone	7.165	43	70578	45.08	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	147148	26.25	ug/L	95
23) Bromochloromethane	7.507	128	63551	24.94	ug/L #	78
25) Chloroform	7.671	83	259027	26.81	ug/L	99
27) 1,2-Dichloroethane	8.397	62	176894	26.55	ug/L	96

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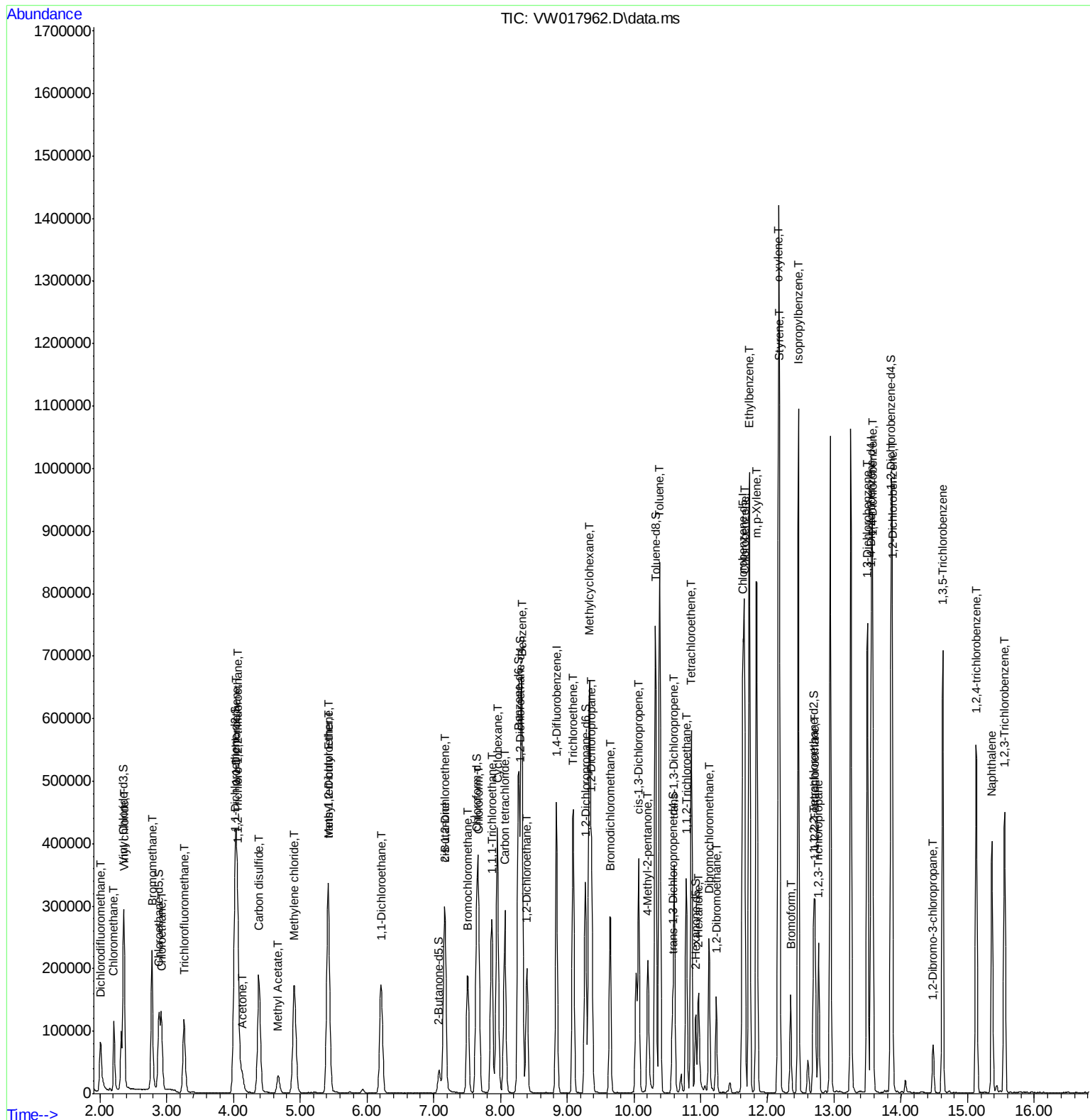
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	227566	27.05	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	216685	27.16	ug/L	97
32) Carbon tetrachloride	8.067	117	208611	27.34	ug/L	98
34) Benzene	8.324	78	560058	27.67	ug/L	100
35) Trichloroethene	9.092	95	154506	27.75	ug/L	92
36) Methylcyclohexane	9.336	83	261988	27.03	ug/L	99
40) 1,2-Dichloropropane	9.366	63	131069	26.75	ug/L	98
41) Bromodichloromethane	9.640	83	185088	27.38	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	212326	27.28	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	152102	46.19	ug/L	97
44) Toluene	10.384	91	610431	27.28	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	183481	26.98	ug/L	99
46) 1,1,2-Trichloroethane	10.787	97	100217	25.41	ug/L	94
47) Tetrachloroethene	10.860	164	116399	26.58	ug/L	97
49) 2-Hexanone	10.969	43	108647	48.31	ug/L #	89
50) Dibromochloromethane	11.128	129	121299	25.76	ug/L	96
51) 1,2-Dibromoethane	11.238	107	97700	24.64	ug/L #	97
52) Chlorobenzene	11.658	112	383782	26.61	ug/L	93
53) Ethylbenzene	11.731	91	691147	27.35	ug/L	97
54) m,p-Xylene	11.841	106	264067	27.00	ug/L	96
55) o-xylene	12.164	106	252461	27.87	ug/L	98
56) Styrene	12.183	104	423487	27.58	ug/L	100
57) Isopropylbenzene	12.463	105	683378	27.13	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	120659	24.79	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	90547	24.61	ug/L	98
62) Bromoform	12.347	173	62455	25.86	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	287094	27.08	ug/L	92
64) 1,4-Dichlorobenzene	13.579	146	285530	26.79	ug/L	97
65) 1,2-Dichlorobenzene	13.871	146	255715	26.78	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	18410	23.01	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.627	180	196041	26.45	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	159362	25.20	ug/L	97
69) Naphthalene	15.365	128	324245	23.96	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	137962	25.02	ug/L	98

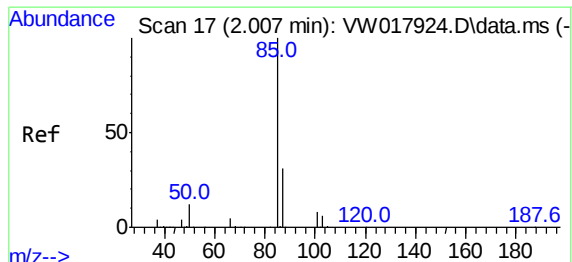
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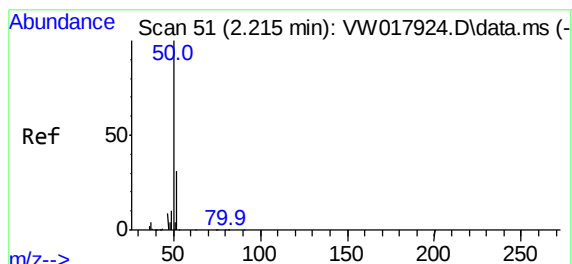
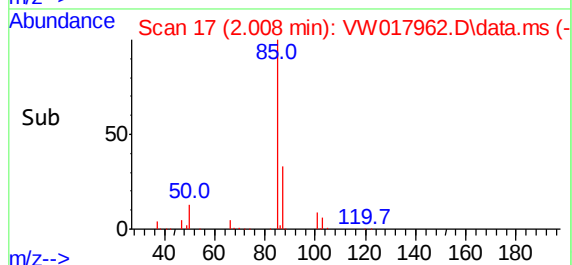
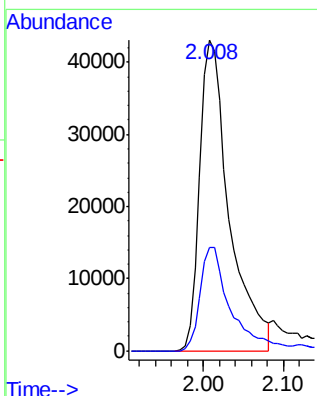
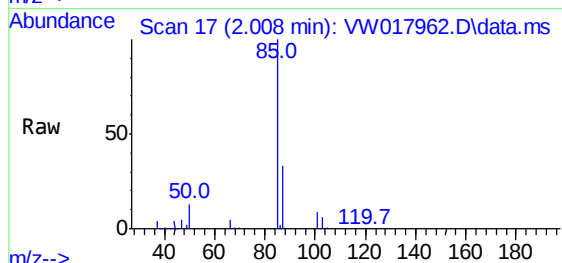




#2
Dichlorodifluoromethane
Concen: 24.23 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

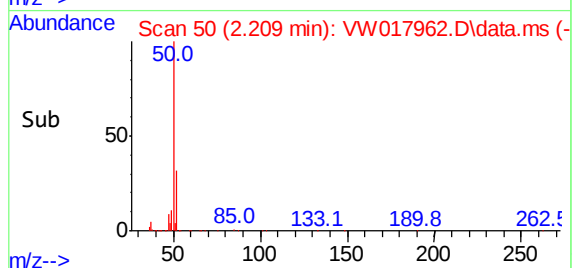
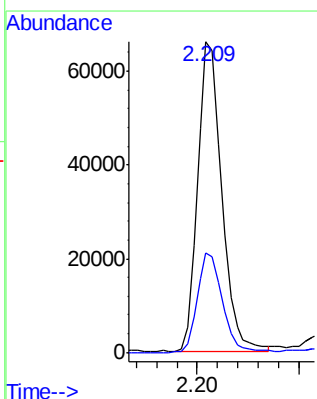
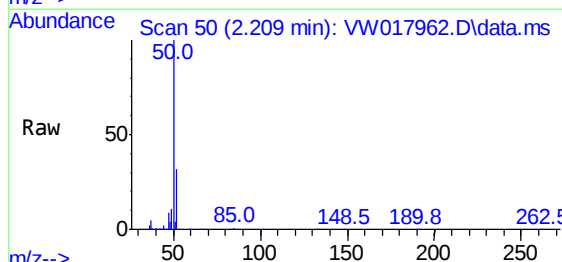
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

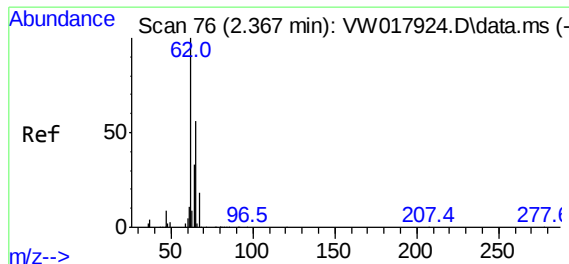
Tgt Ion: 85 Resp: 110543
Ion Ratio Lower Upper
85 100
87 34.5 23.2 43.0



#3
Chloromethane
Concen: 26.47 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 50 Resp: 109232
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.6



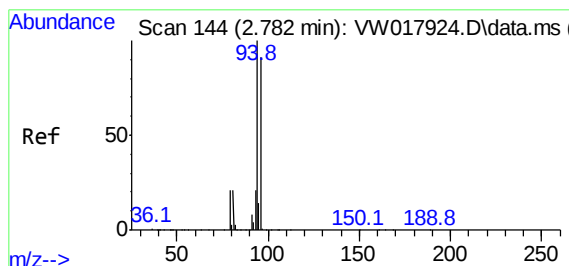
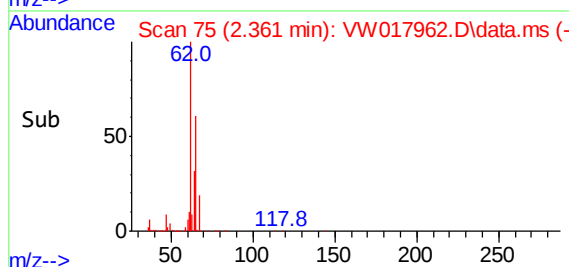
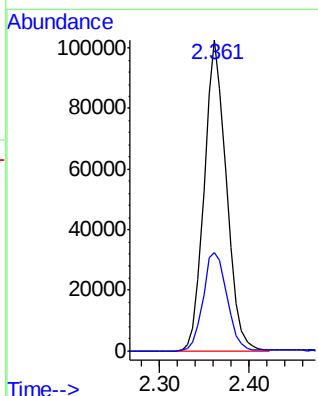
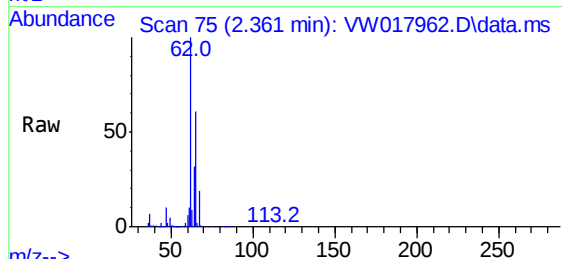


#5
 Vinyl chloride
 Concen: 27.97 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017962.D
 Acq: 20 Jan 2021 09:50

Instrument :
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 VSTD02527

Tgt Ion: 62 Resp: 175983

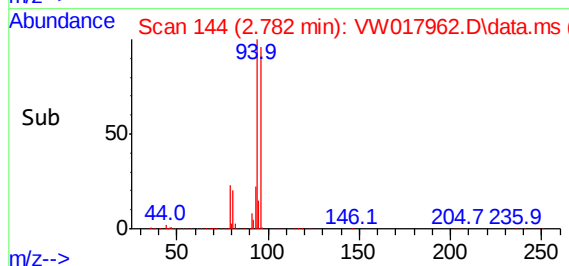
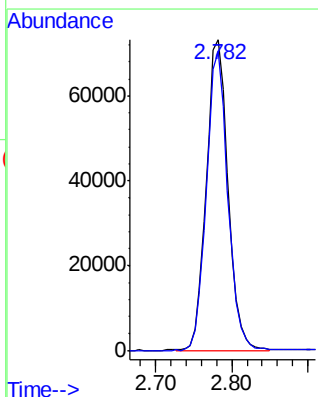
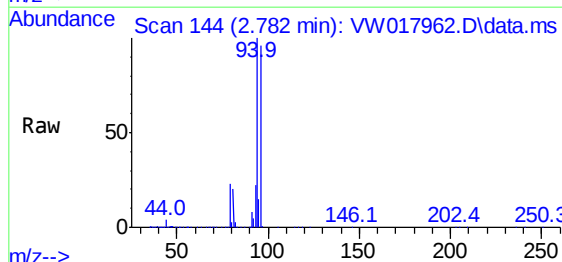
Ion	Ratio	Lower	Upper
62	100		
64	31.6	23.9	44.5

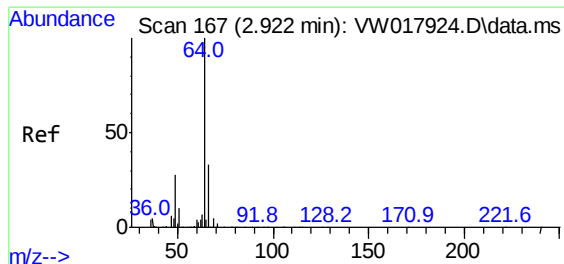


#6
 Bromomethane
 Concen: 28.58 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW017962.D
 Acq: 20 Jan 2021 09:50

Tgt Ion: 94 Resp: 144447

Ion	Ratio	Lower	Upper
94	100		
96	95.2	9.4	178.0

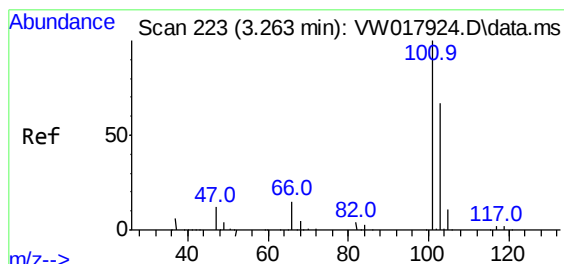
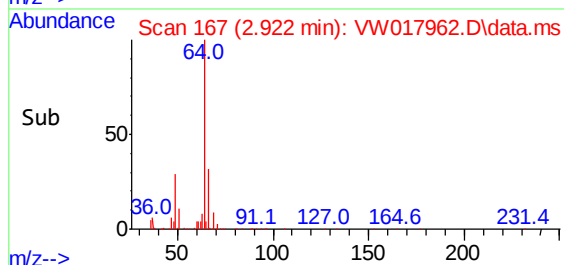
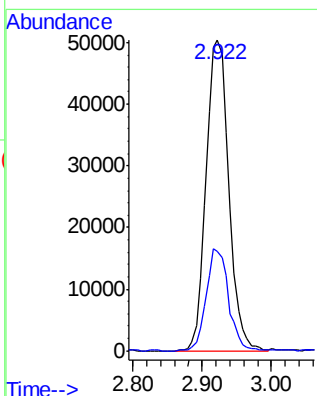
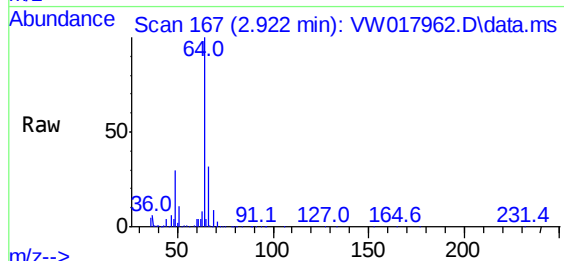




#8
Chloroethane
Concen: 29.33 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

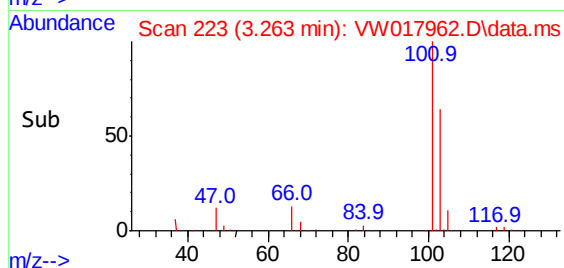
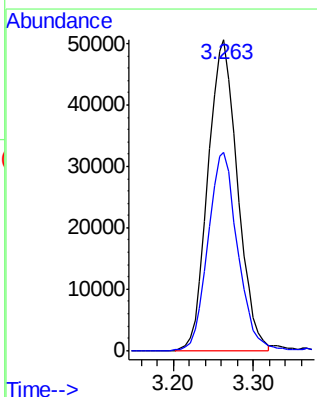
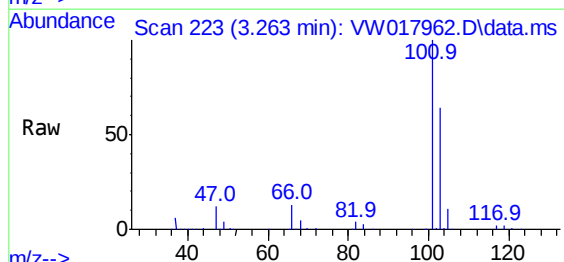
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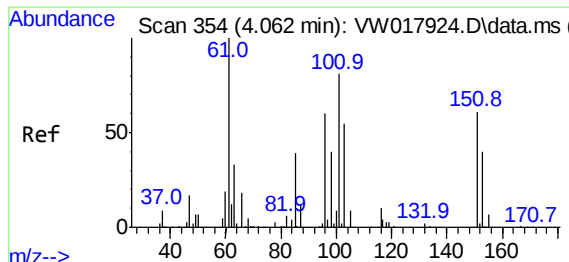
Tgt Ion: 64 Resp: 114630
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 27.19 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 101 Resp: 129687
Ion Ratio Lower Upper
101 100
103 64.1 45.0 83.6

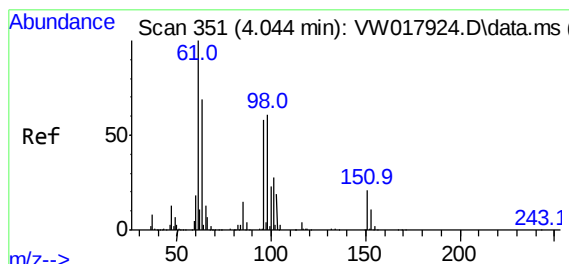
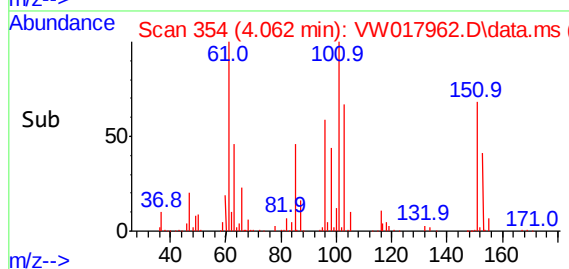
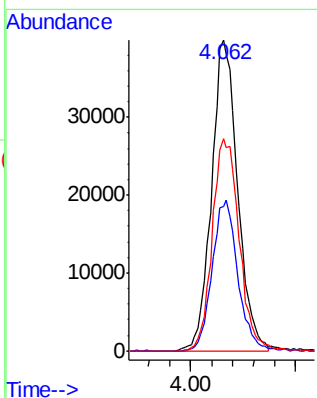
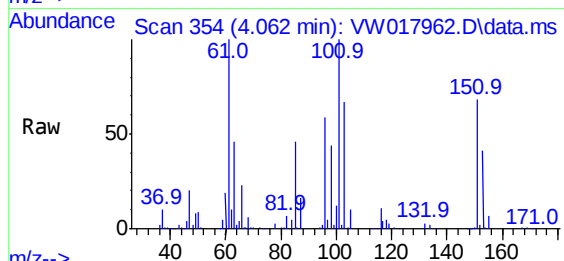




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.13 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW017962.D
 Acq: 20 Jan 2021 09:50

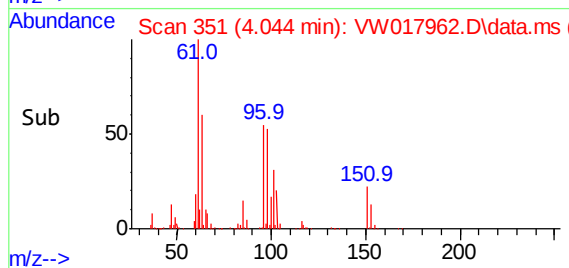
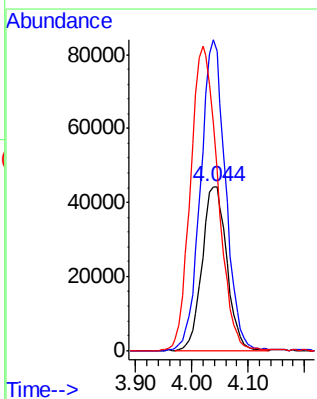
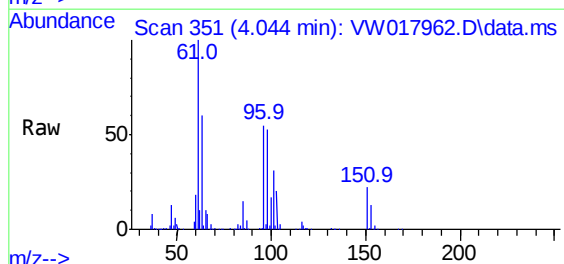
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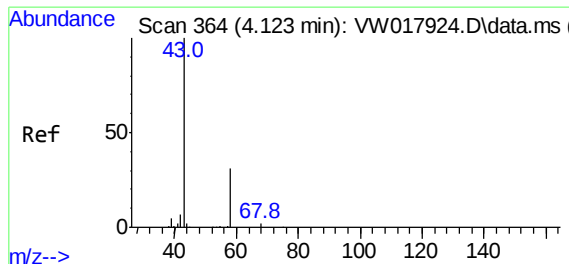
Tgt Ion:101 Resp: 137087
 Ion Ratio Lower Upper
 101 100
 85 47.6 34.2 51.4
 151 70.3 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.85 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW017962.D
 Acq: 20 Jan 2021 09:50

Tgt Ion: 96 Resp: 132785
 Ion Ratio Lower Upper
 96 100
 61 182.7 112.5 208.9
 63 109.9 83.1 154.3

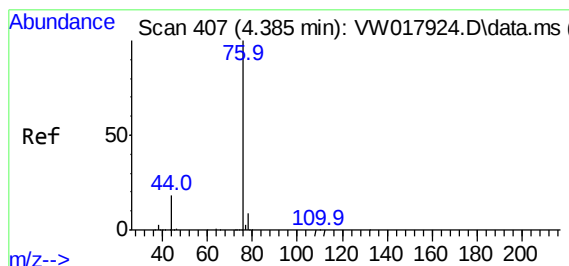
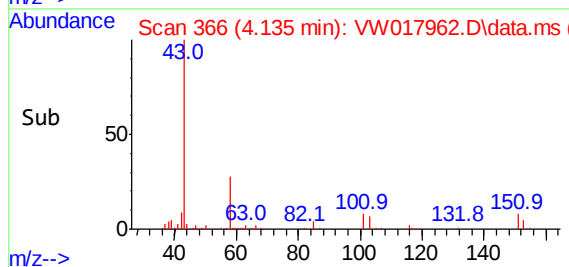
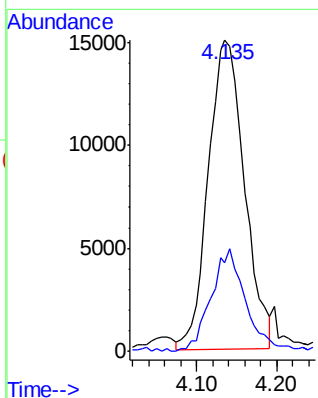
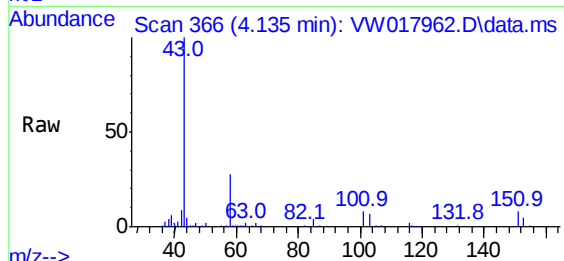




#13
Acetone
Concen: 46.82 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

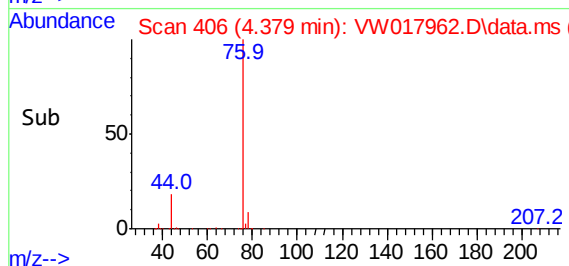
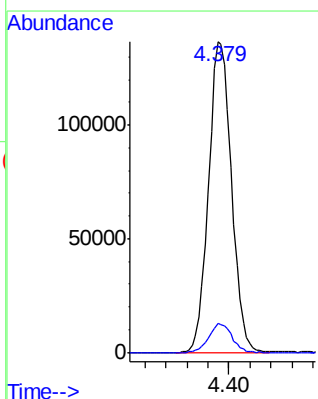
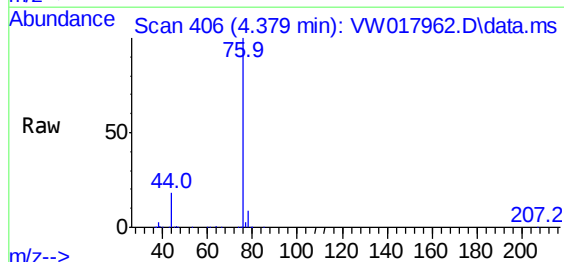
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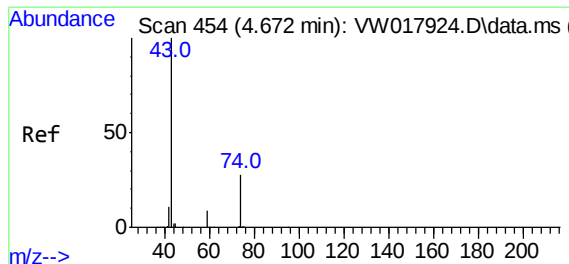
Tgt Ion: 43 Resp: 47176
Ion Ratio Lower Upper
43 100
58 30.9 0.0 68.4



#14
Carbon disulfide
Concen: 27.00 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 76 Resp: 413365
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

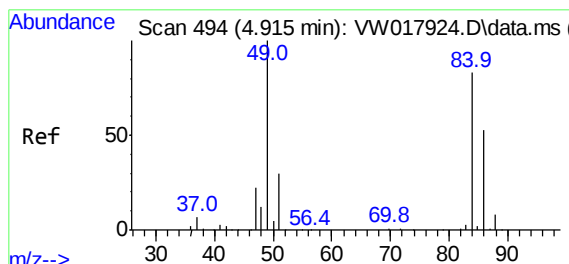
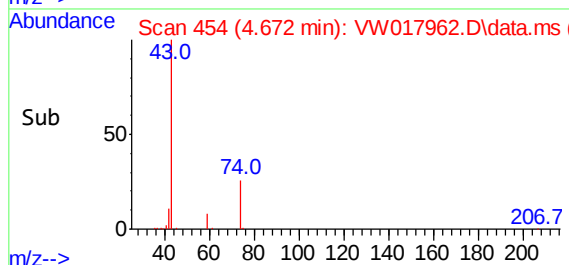
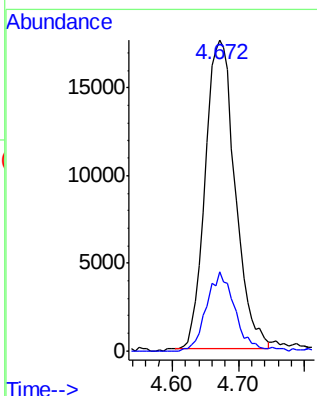
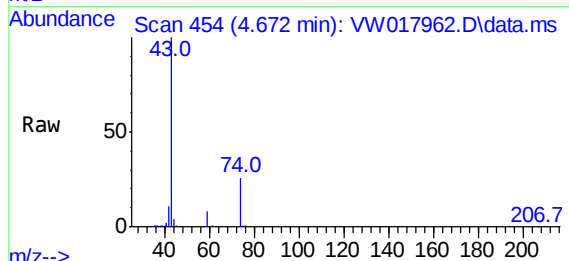




#15
Methyl Acetate
Concen: 22.52 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

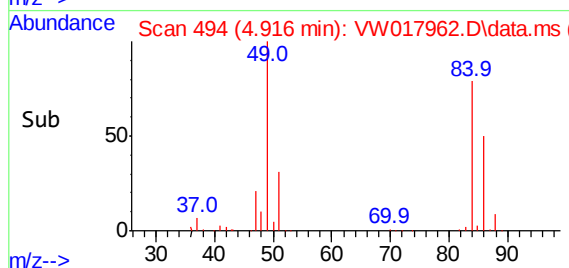
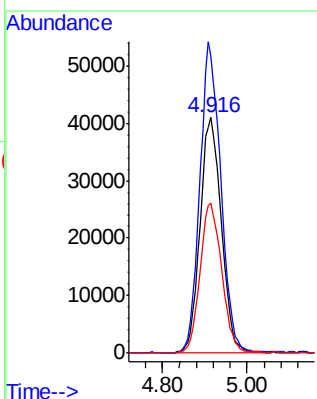
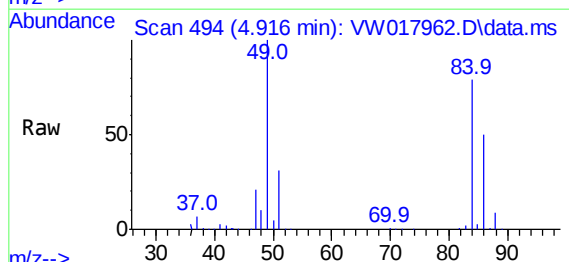
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

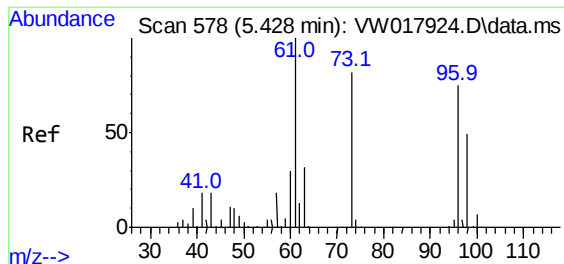
Tgt Ion: 43 Resp: 55216
Ion Ratio Lower Upper
43 100
74 23.7 20.7 31.1



#16
Methylene chloride
Concen: 25.13 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 84 Resp: 137245
Ion Ratio Lower Upper
84 100
49 126.6 81.2 150.8
86 63.5 44.5 82.7



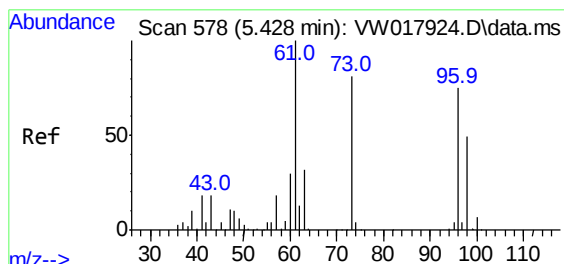
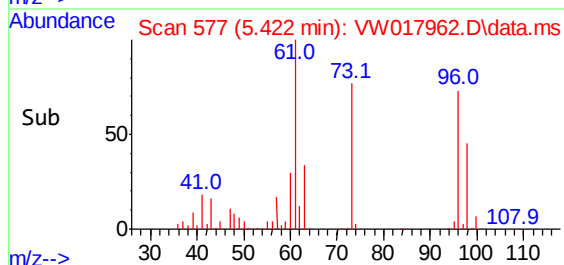
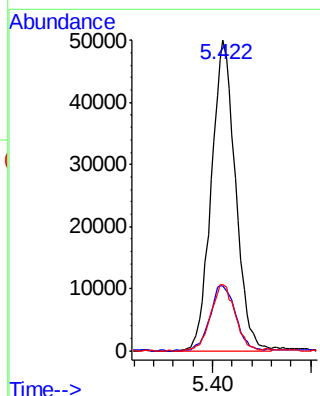
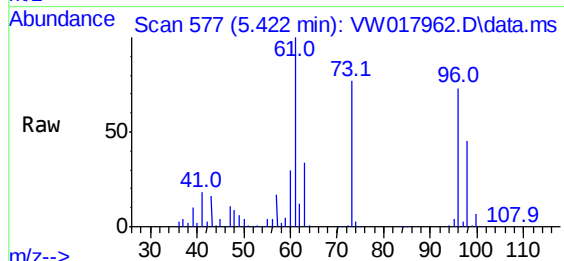


#17
Methyl tert-butyl Ether
Concen: 25.61 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion: 73 Resp: 170534

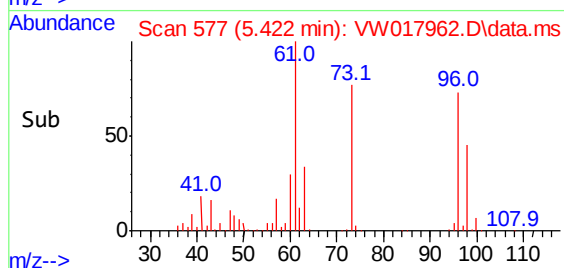
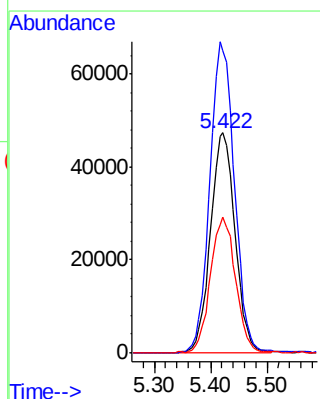
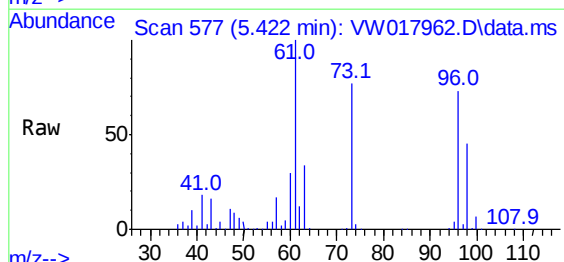
Ion	Ratio	Lower	Upper
73	100		
43	22.3	16.2	24.4
57	21.6	17.2	25.8

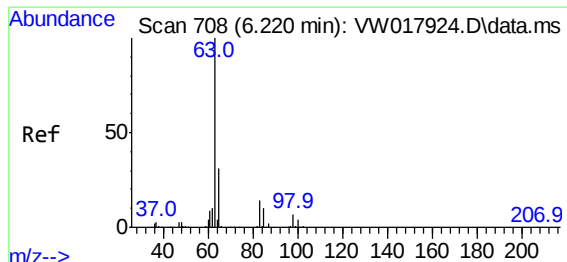


#18
trans-1,2-Dichloroethene
Concen: 26.53 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 96 Resp: 141995

Ion	Ratio	Lower	Upper
96	100		
61	137.4	92.7	172.1
98	61.8	43.3	80.3



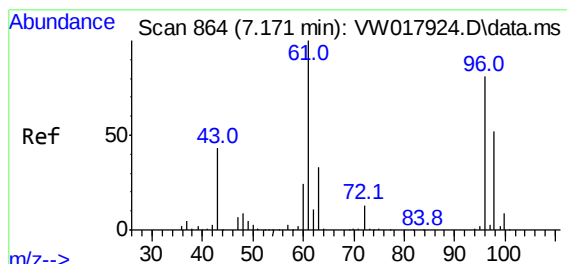
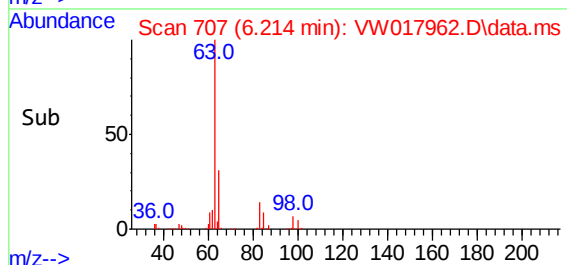
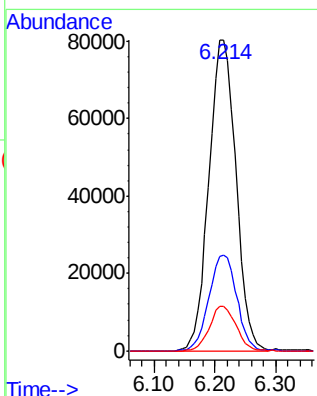
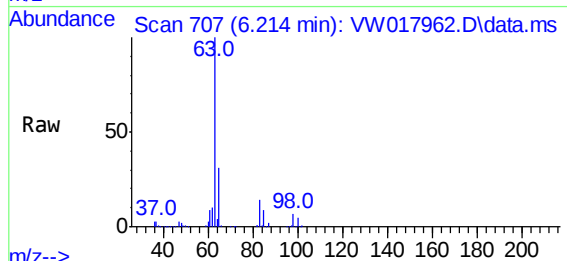


#19
1,1-Dichloroethane
Concen: 27.13 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion: 63 Resp: 245889

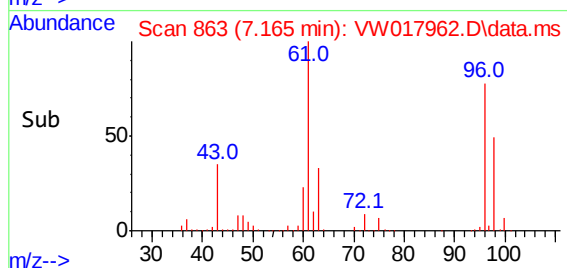
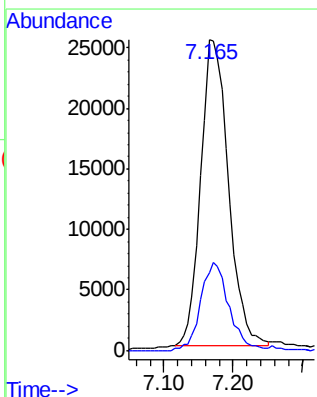
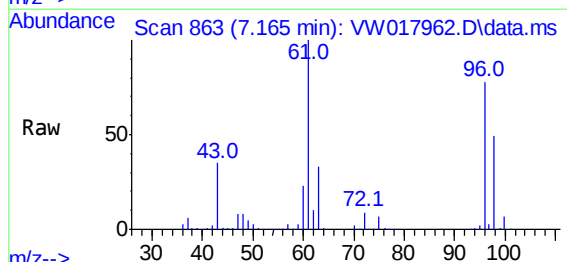
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.9	40.7
83	14.3	9.4	17.6

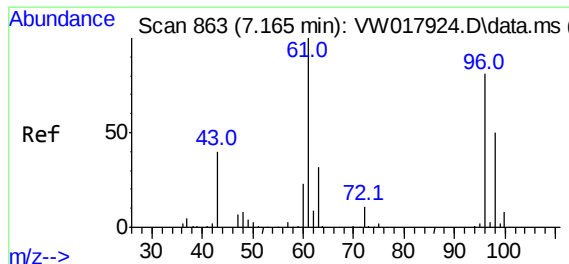


#21
2-Butanone
Concen: 45.08 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 43 Resp: 70578

Ion	Ratio	Lower	Upper
43	100		
72	28.9	14.4	43.2



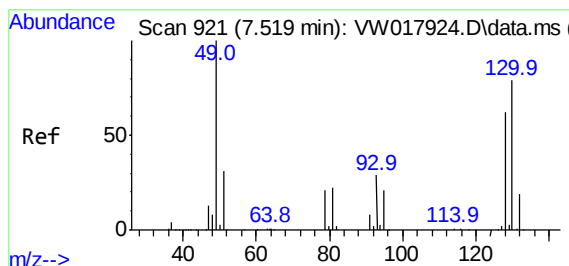
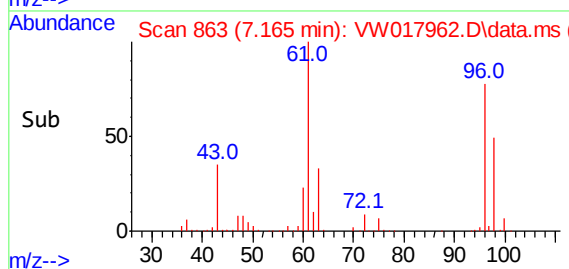
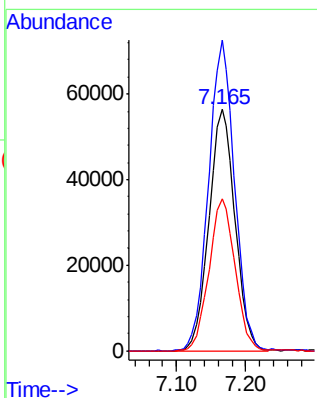
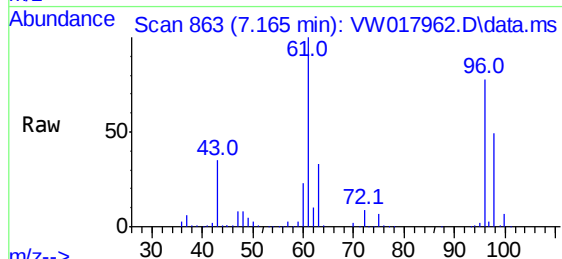


#22
cis-1,2-Dichloroethene
Concen: 26.25 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion: 96 Resp: 147148

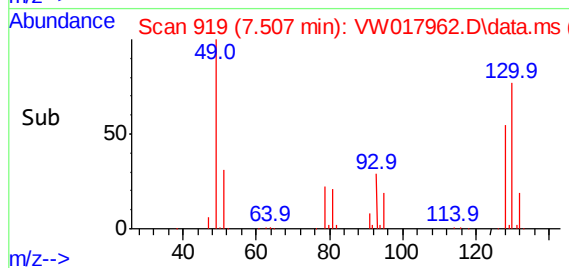
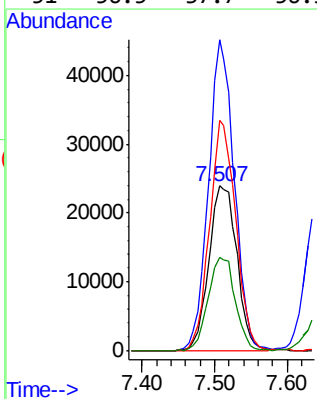
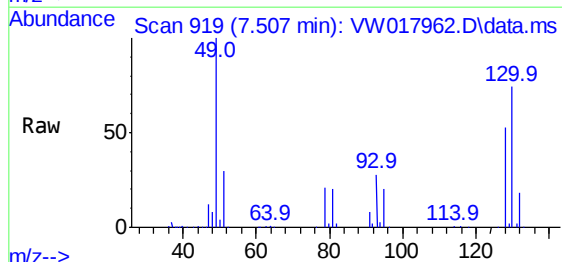
Ion	Ratio	Lower	Upper
96	100		
61	128.7	84.6	157.2
98	63.1	44.7	82.9

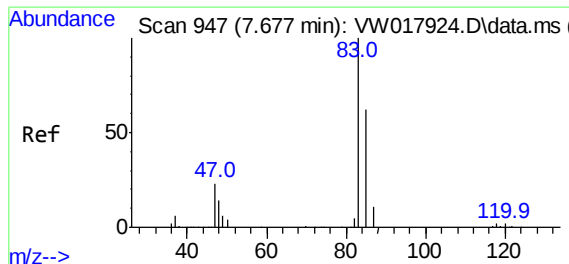


#23
Bromochloromethane
Concen: 24.94 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 128 Resp: 63551

Ion	Ratio	Lower	Upper
128	100		
49	189.0	101.6	188.6#
130	139.7	90.4	167.8
51	56.5	37.7	56.5#

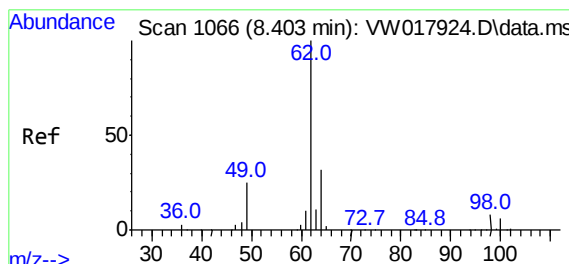
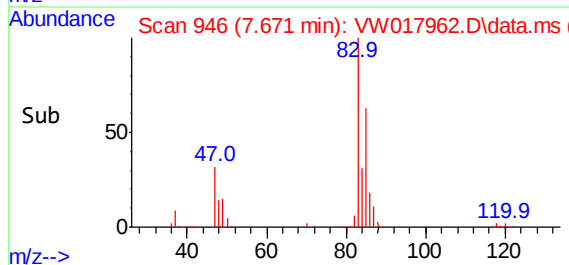
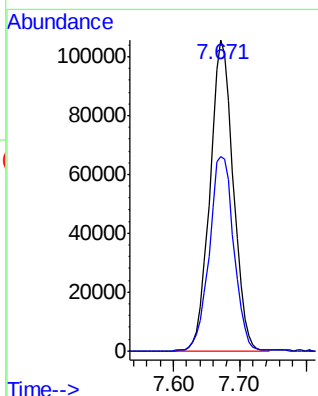
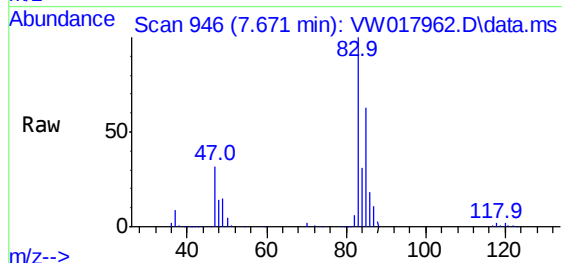




#25
Chloroform
Concen: 26.81 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

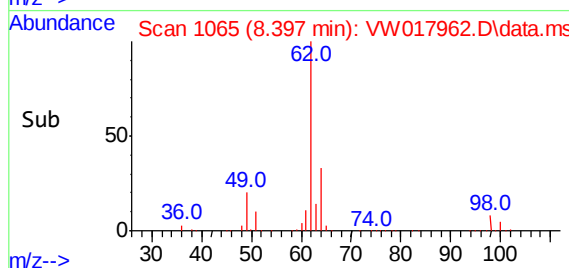
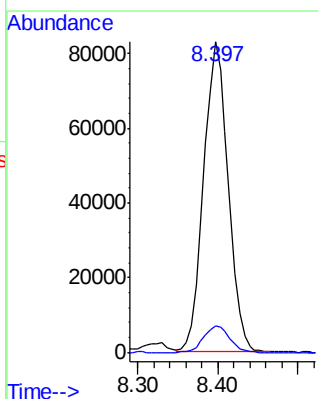
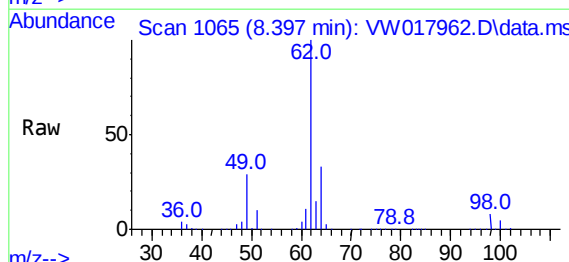
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

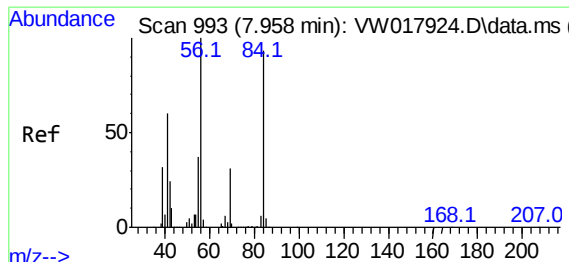
Tgt Ion: 83 Resp: 259027
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.55 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 62 Resp: 176894
Ion Ratio Lower Upper
62 100
98 8.5 8.0 12.0



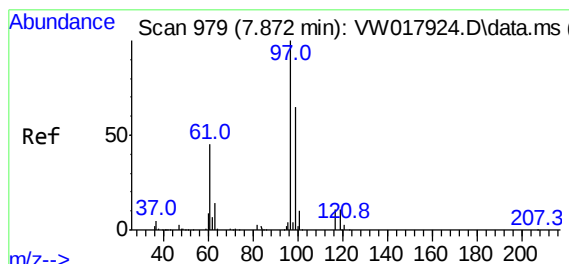
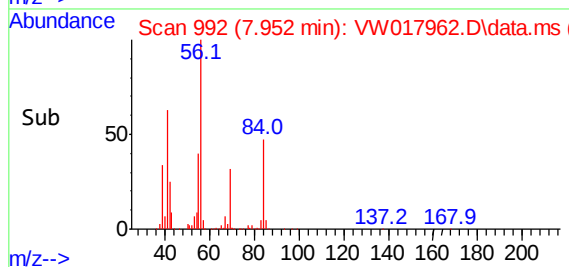
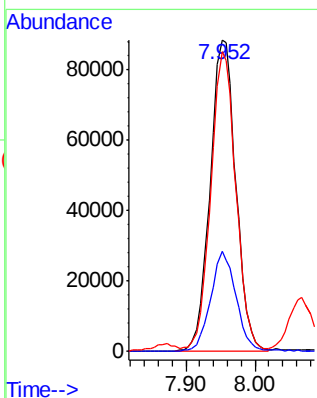
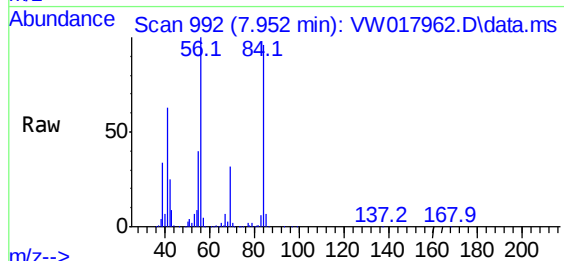


#30
Cyclohexane
Concen: 27.05 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion: 56 Resp: 227566

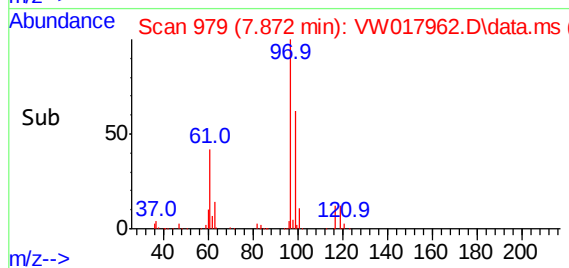
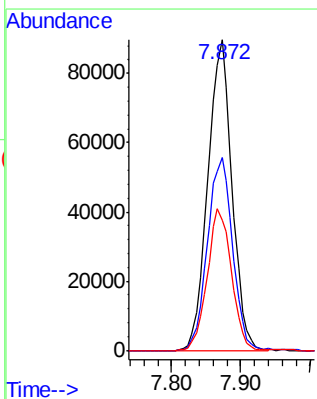
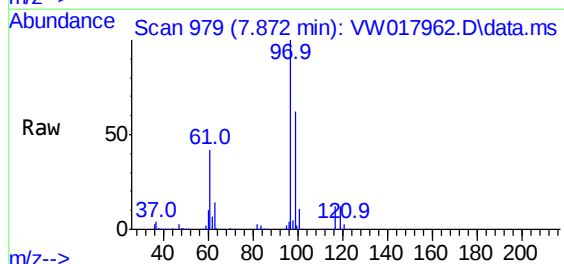
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.8	37.2
84	94.5	74.2	111.4

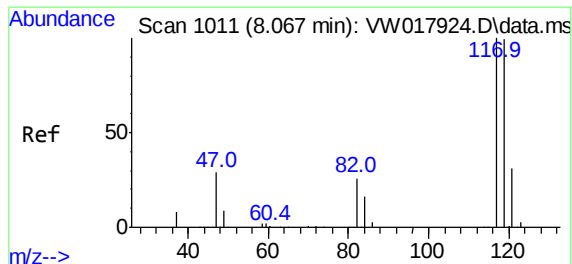


#31
1,1,1-Trichloroethane
Concen: 27.16 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 97 Resp: 216685

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	45.8	33.6	50.4

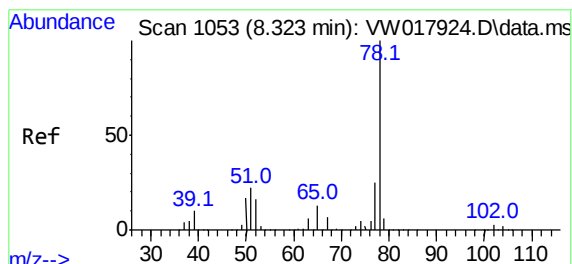
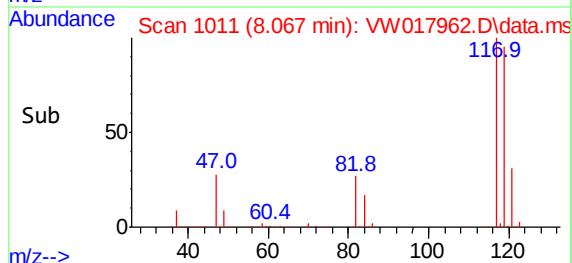
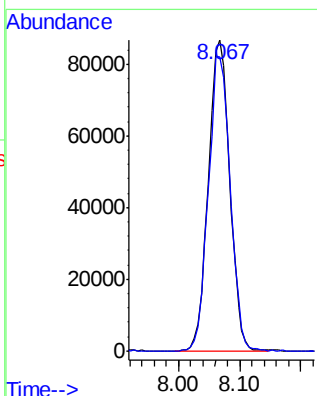
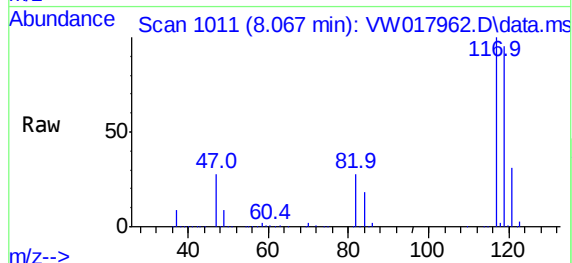




#32
Carbon tetrachloride
Concen: 27.34 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

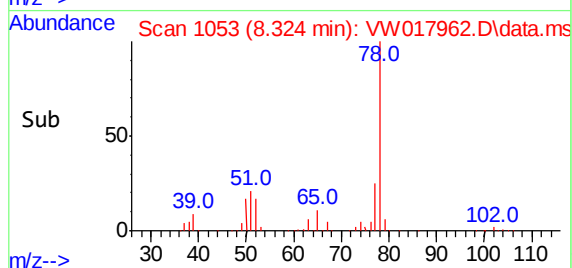
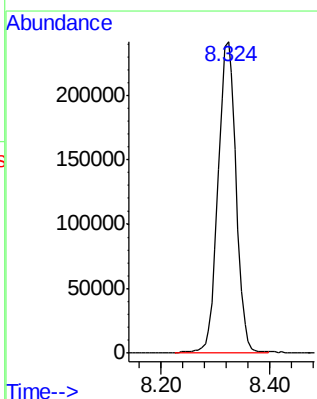
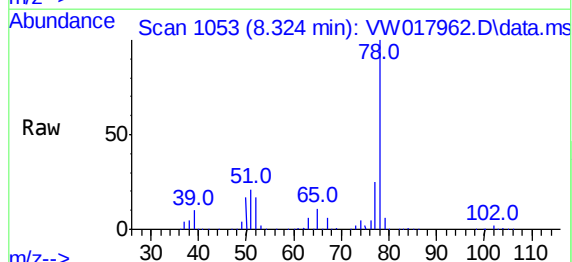
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

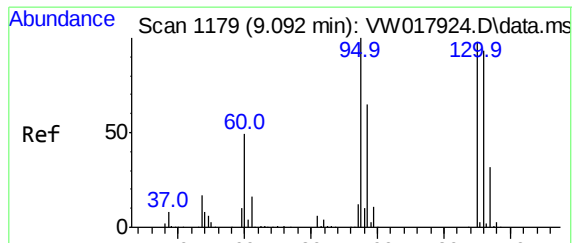
Tgt Ion:117 Resp: 208611
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8



#34
Benzene
Concen: 27.67 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 78 Resp: 560058

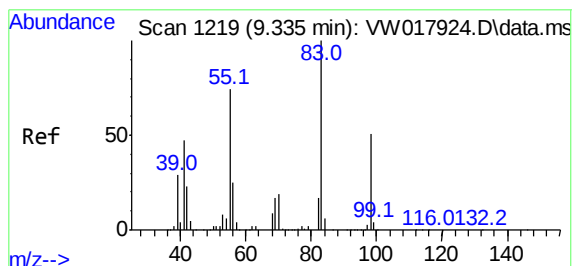
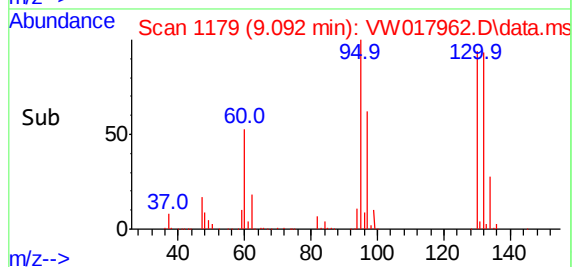
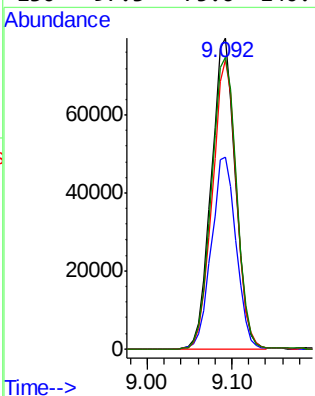
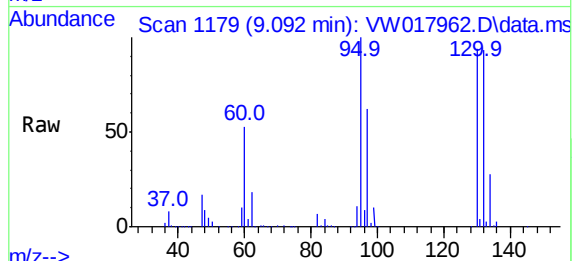




#35
Trichloroethene
Concen: 27.75 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

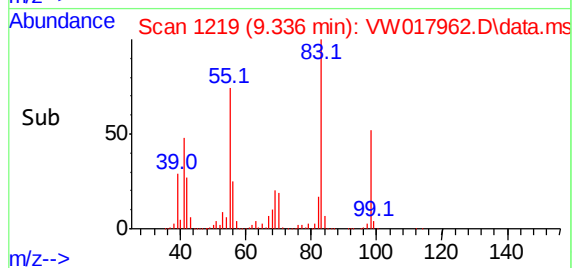
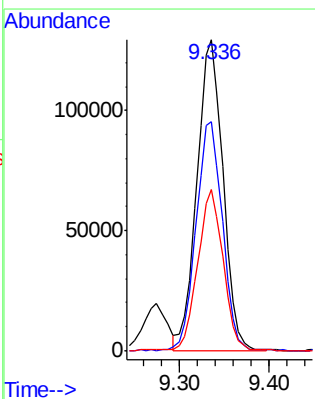
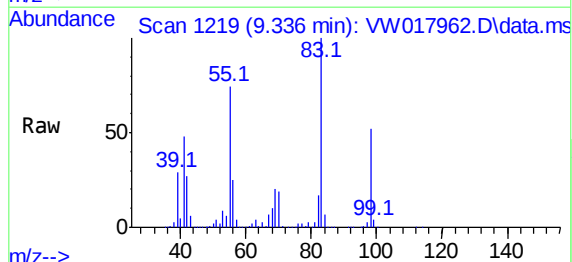
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

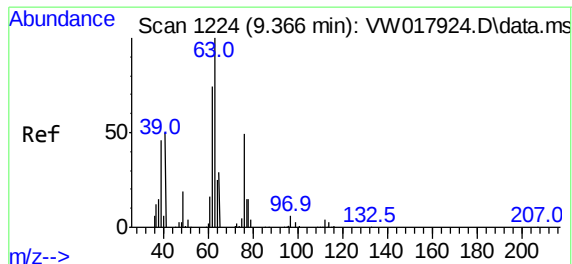
Tgt Ion: 95 Resp: 154506
Ion Ratio Lower Upper
95 100
97 63.1 45.0 83.6
132 92.5 71.0 131.8
130 97.3 75.6 140.4



#36
Methylcyclohexane
Concen: 27.03 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 83 Resp: 261988
Ion Ratio Lower Upper
83 100
55 74.1 59.4 89.0
98 49.9 40.7 61.1

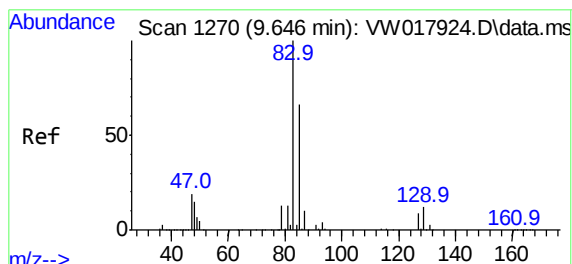
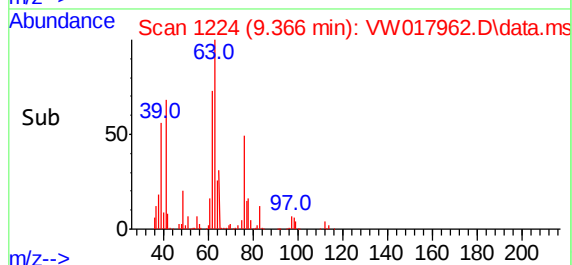
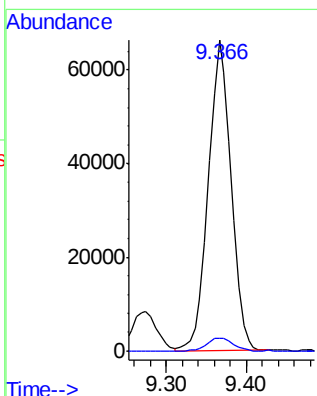
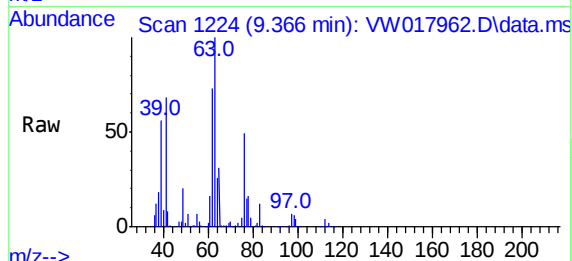




#40
1,2-Dichloropropane
Concen: 26.75 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

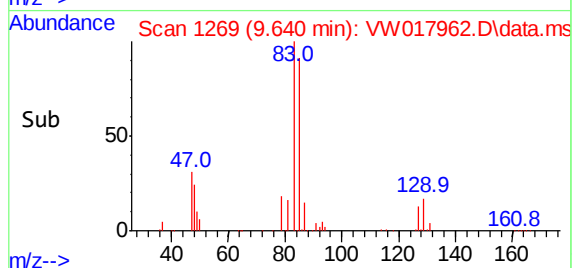
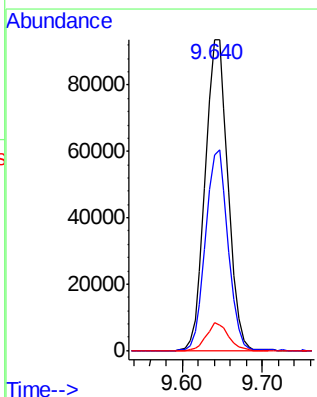
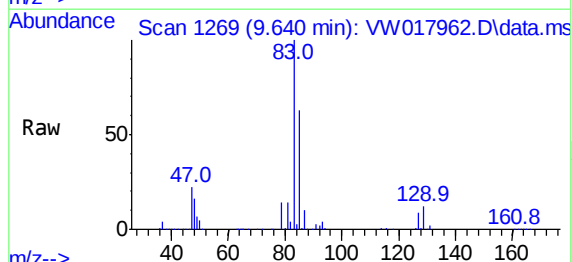
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

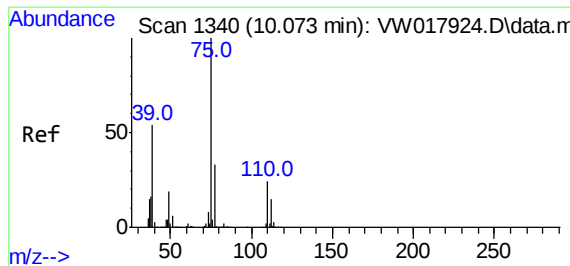
Tgt Ion: 63 Resp: 131069
Ion Ratio Lower Upper
63 100
112 4.7 4.2 6.4



#41
Bromodichloromethane
Concen: 27.38 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 83 Resp: 185088
Ion Ratio Lower Upper
83 100
85 62.9 46.8 86.8
127 8.9 7.6 11.4

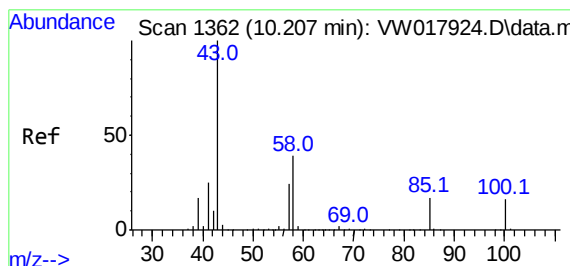
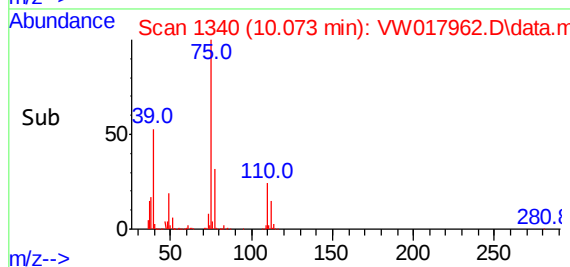
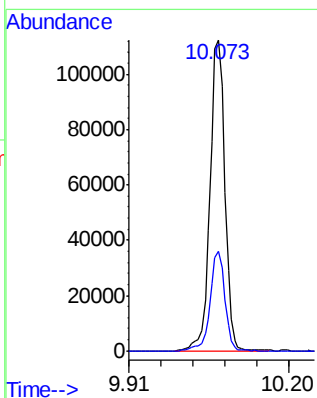
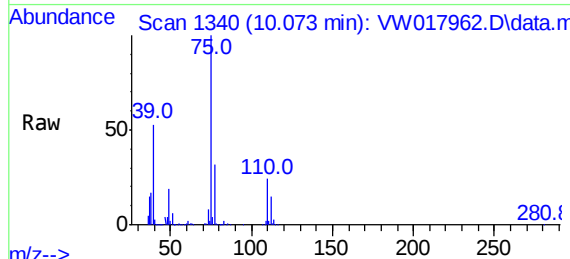




#42
cis-1,3-Dichloropropene
Concen: 27.28 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

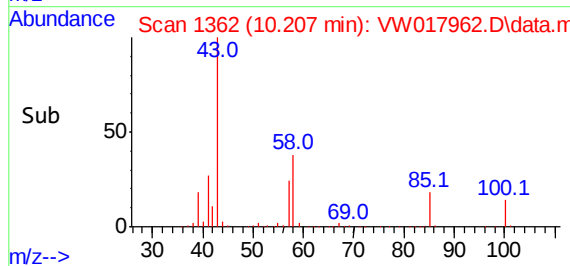
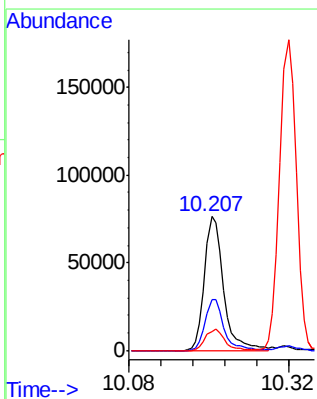
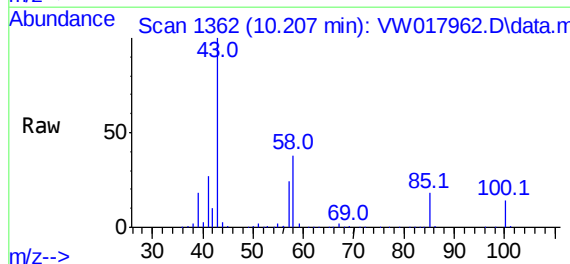
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

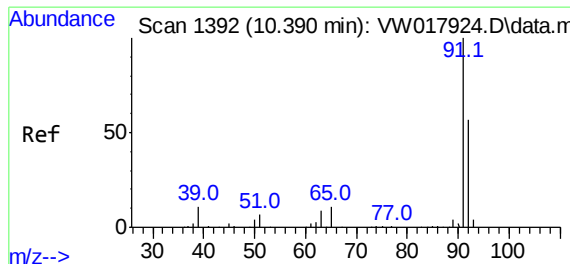
Tgt Ion: 75 Resp: 212326
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 46.19 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 43 Resp: 152102
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4
100 16.0 14.1 21.1

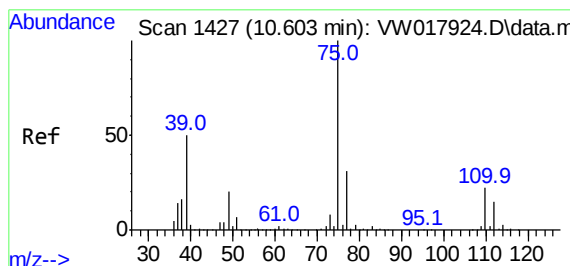
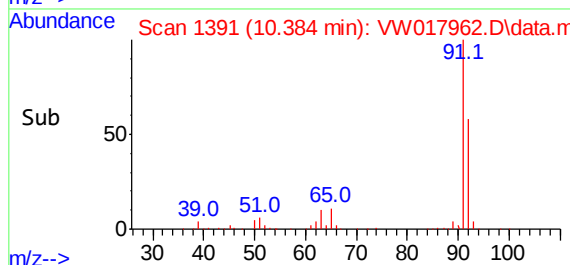
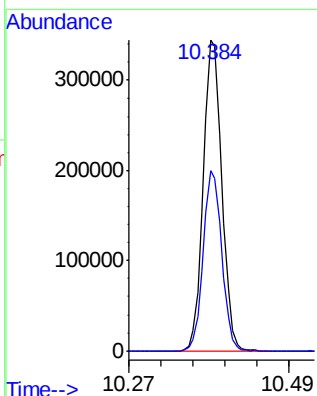
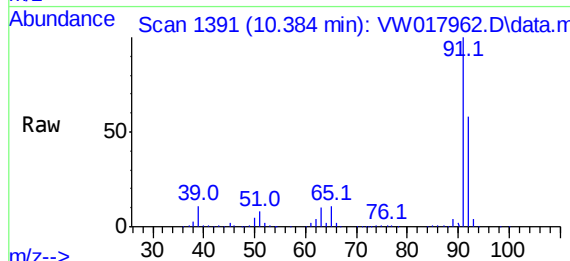




#44
Toluene
Concen: 27.28 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

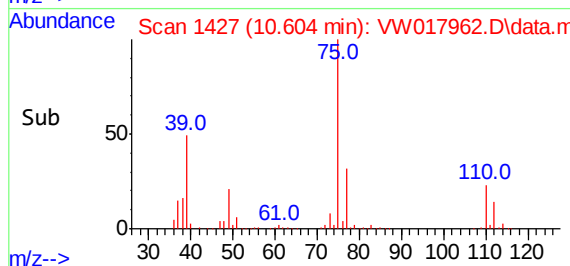
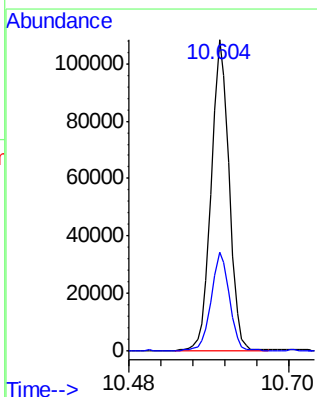
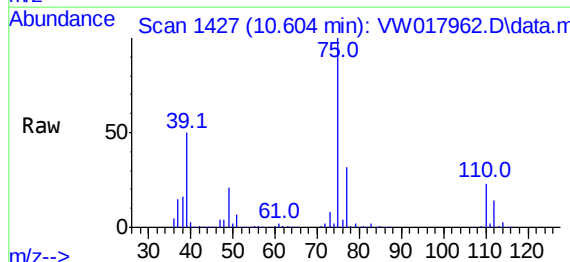
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

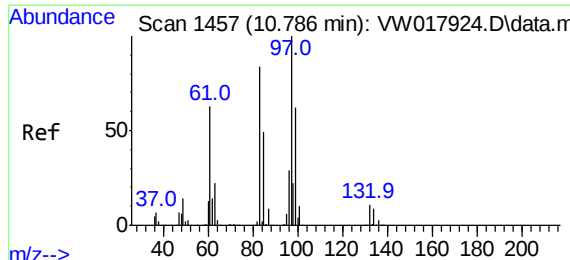
Tgt Ion: 91 Resp: 610431
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 26.98 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 75 Resp: 183481
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



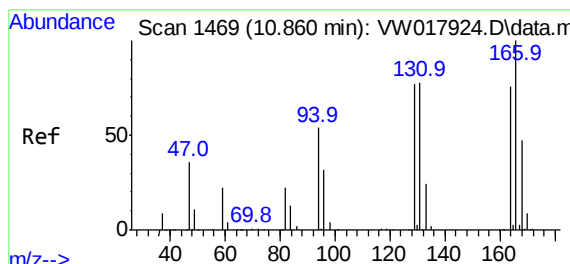
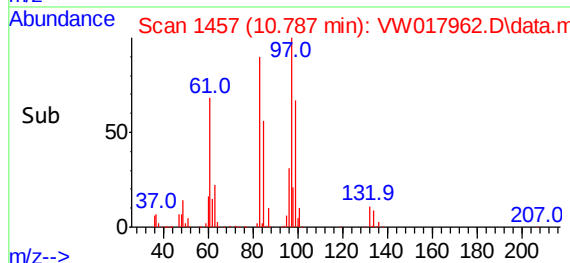
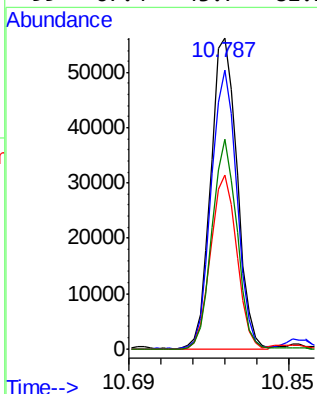
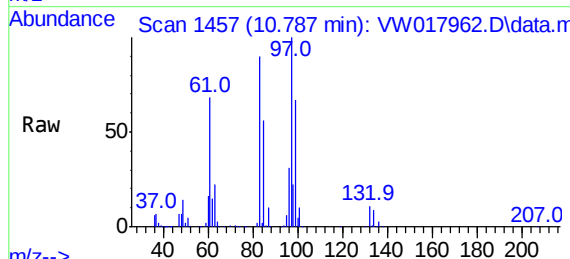


#46
1,1,2-Trichloroethane
Concen: 25.41 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion: 97 Resp: 100217

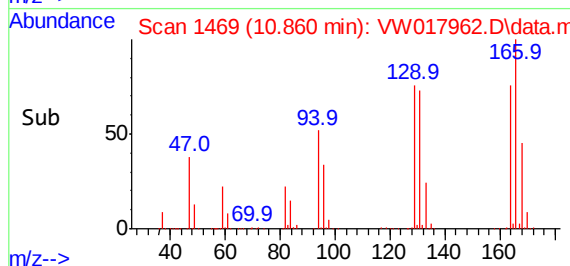
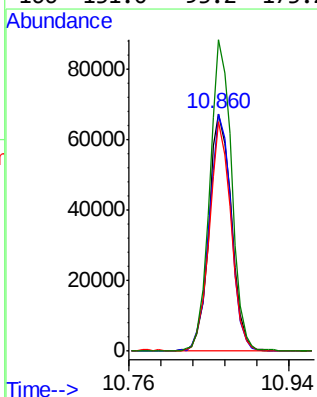
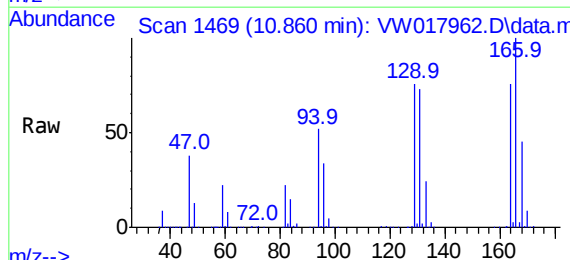
Ion	Ratio	Lower	Upper
97	100		
83	89.8	58.5	108.7
85	55.9	37.8	70.2
99	67.4	43.7	81.1

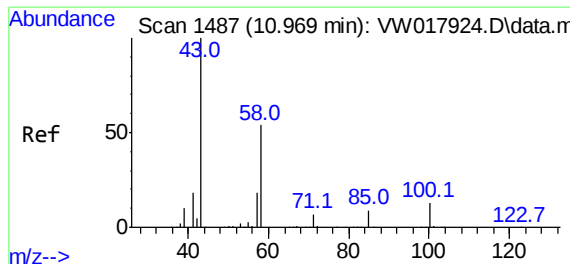


#47
Tetrachloroethene
Concen: 26.58 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 164 Resp: 116399

Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.6	125.6
131	96.2	65.2	121.2
166	131.0	93.2	173.2

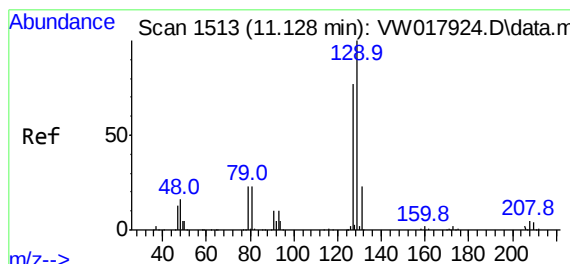
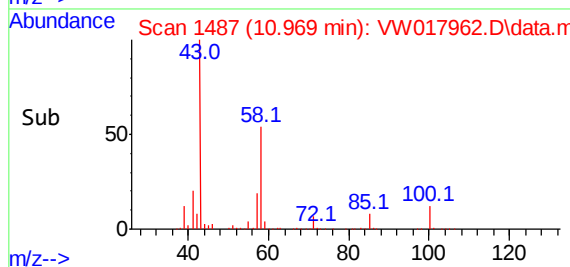
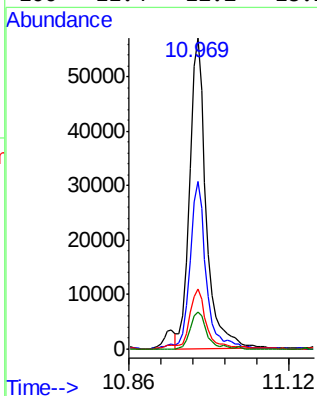
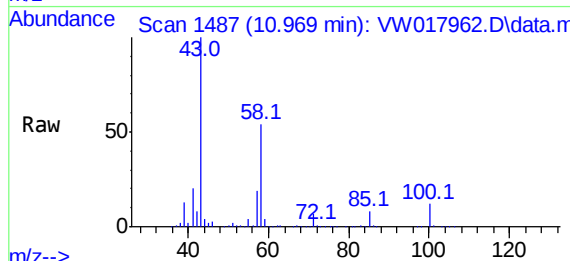




#49
2-Hexanone
Concen: 48.31 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

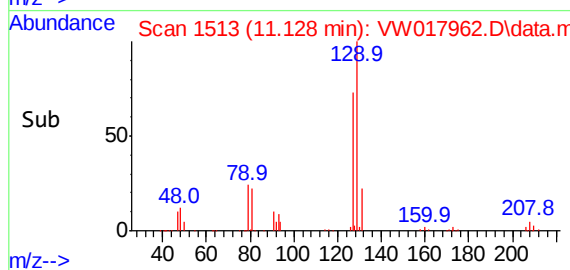
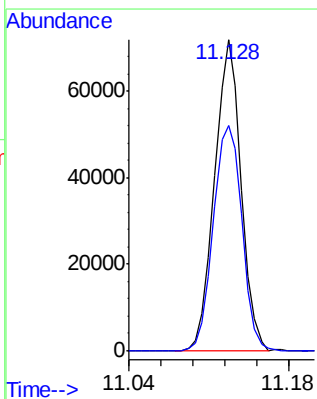
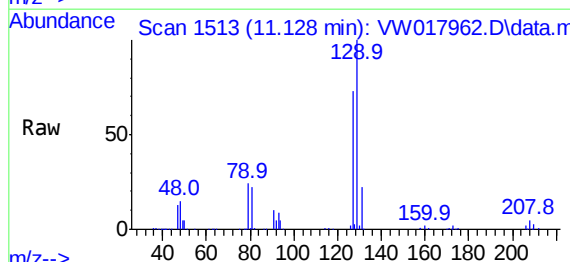
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

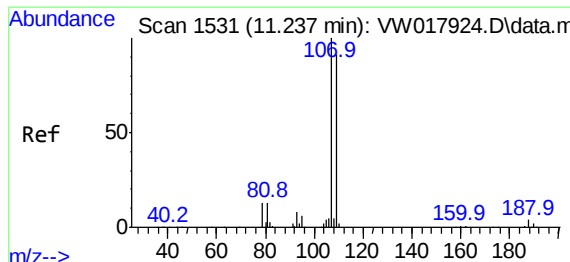
Tgt Ion: 43 Resp: 108647
Ion Ratio Lower Upper
43 100
58 52.1 51.3 76.9
57 18.8 15.0 22.6
100 11.4 12.2 18.2#



#50
Dibromochloromethane
Concen: 25.76 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 129 Resp: 121299
Ion Ratio Lower Upper
129 100
127 72.5 53.2 98.8

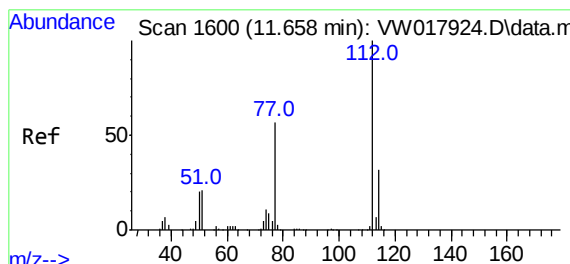
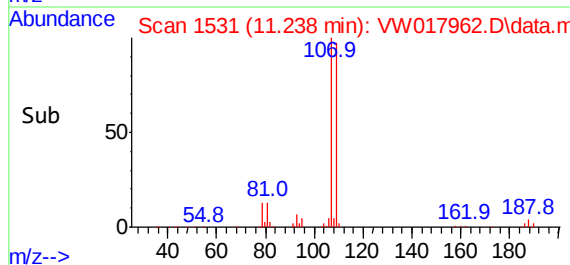
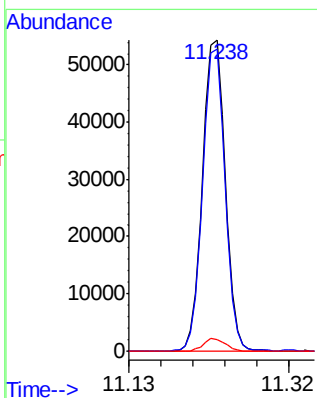
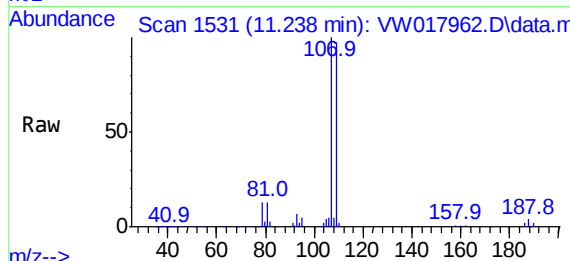




#51
1,2-Dibromoethane
Concen: 24.64 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

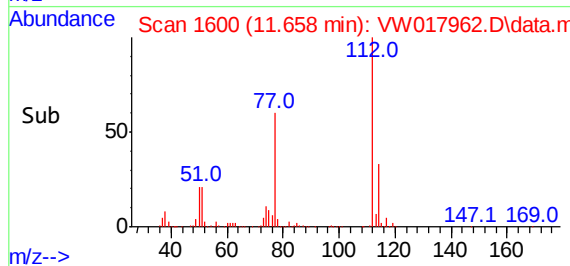
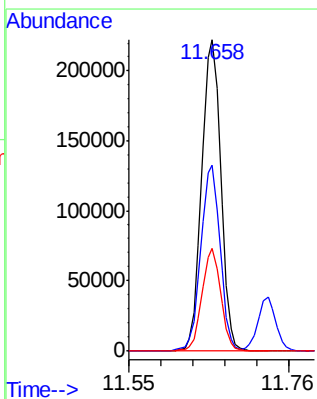
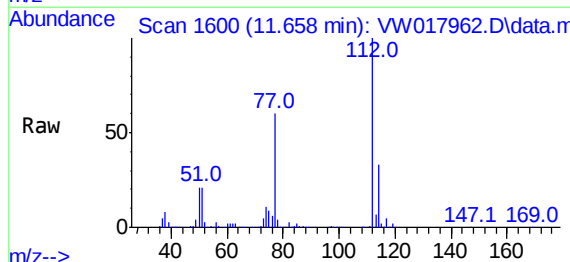
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

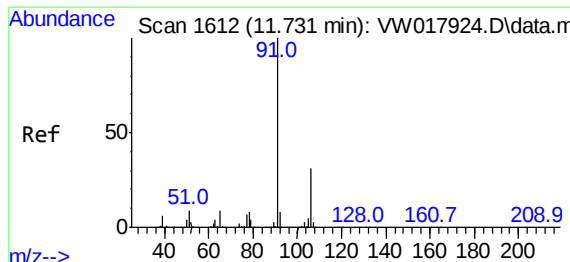
Tgt Ion:107 Resp: 97700
Ion Ratio Lower Upper
107 100
109 97.3 66.4 123.2
188 3.9 4.0 6.0#



#52
Chlorobenzene
Concen: 26.61 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion:112 Resp: 383782
Ion Ratio Lower Upper
112 100
77 59.6 42.6 64.0
114 32.8 21.6 40.2

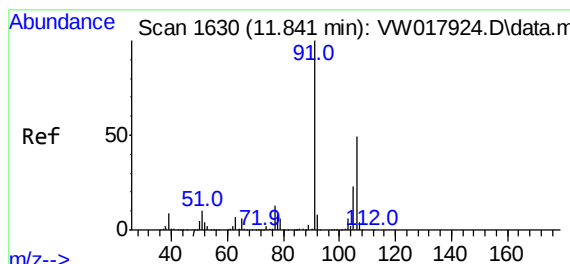
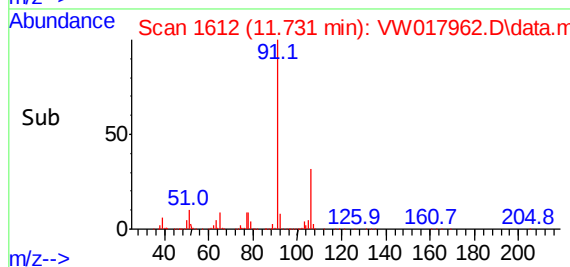
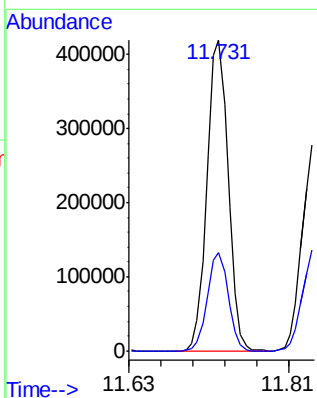
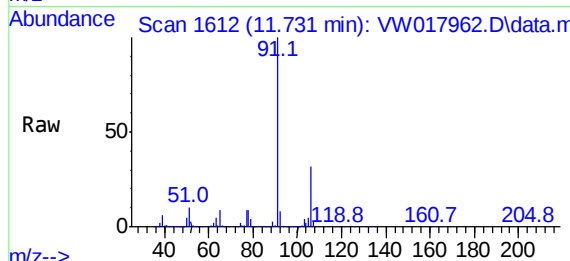




#53
Ethylbenzene
Concen: 27.35 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

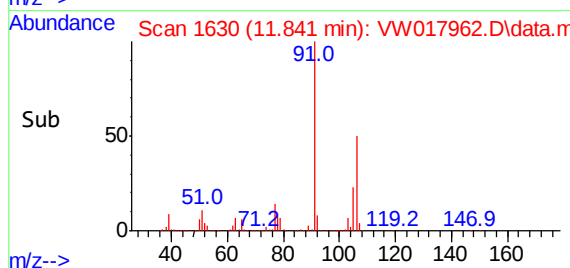
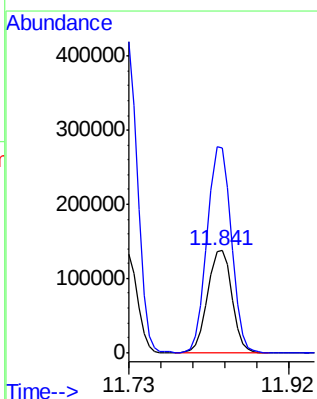
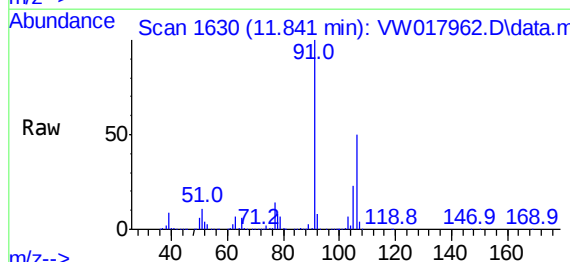
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

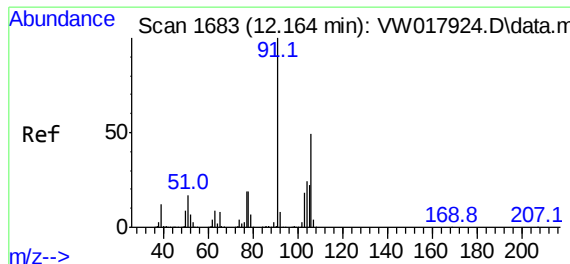
Tgt Ion: 91 Resp: 691147
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.1



#54
m,p-Xylene
Concen: 27.00 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 106 Resp: 264067
Ion Ratio Lower Upper
106 100
91 201.6 136.4 253.4

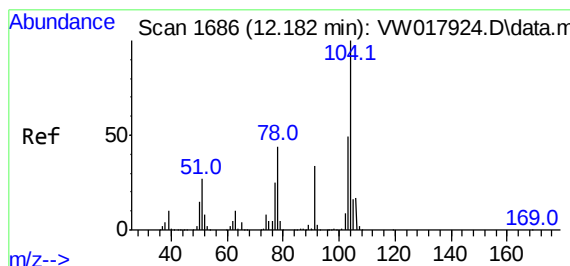
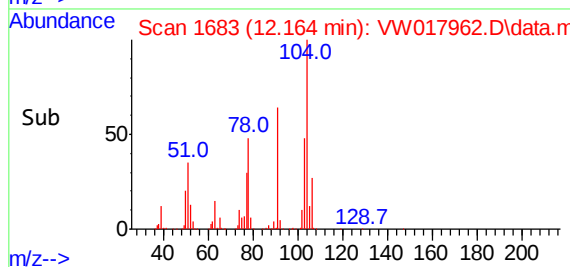
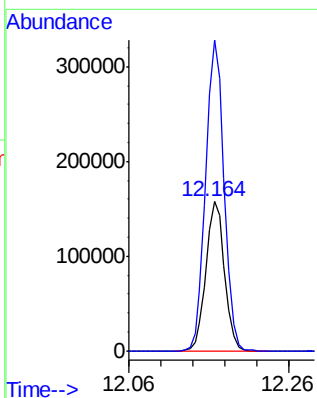
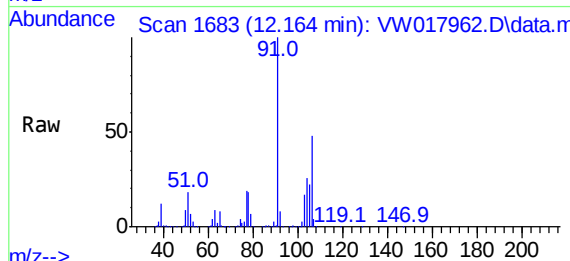




#55
o-xylene
Concen: 27.87 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

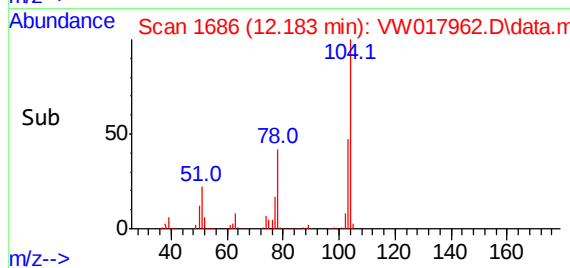
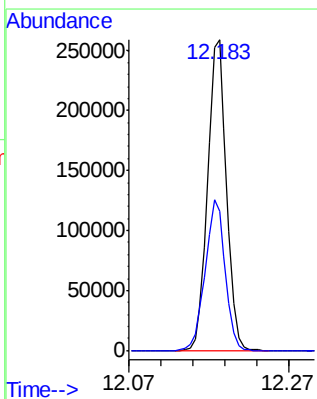
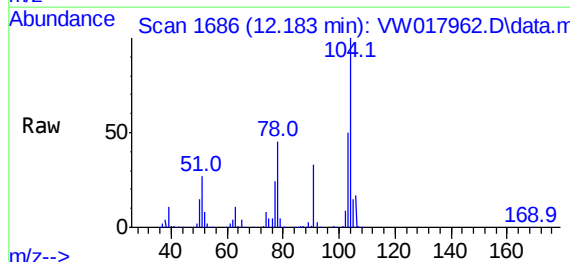
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

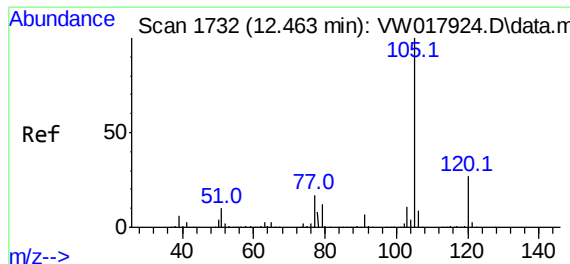
Tgt Ion:106 Resp: 252461
Ion Ratio Lower Upper
106 100
91 208.4 147.6 274.2



#56
Styrene
Concen: 27.58 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion:104 Resp: 423487
Ion Ratio Lower Upper
104 100
78 44.9 31.3 58.1

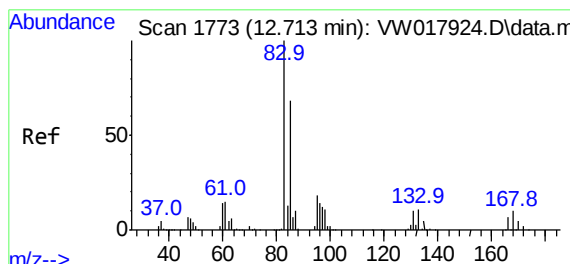
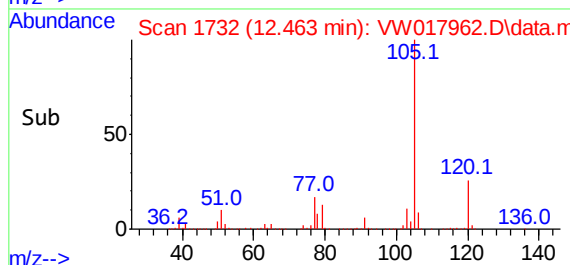
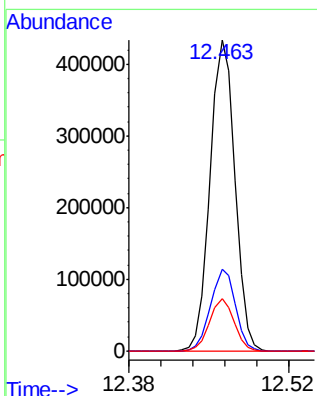
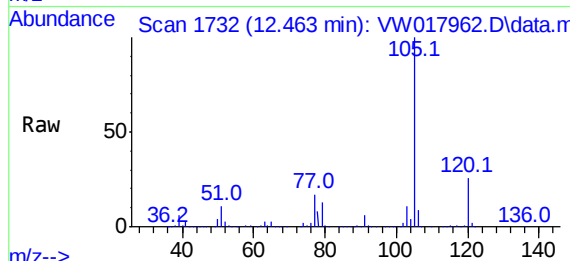




#57
Isopropylbenzene
Concen: 27.13 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

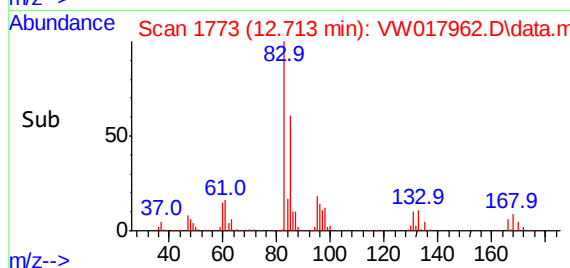
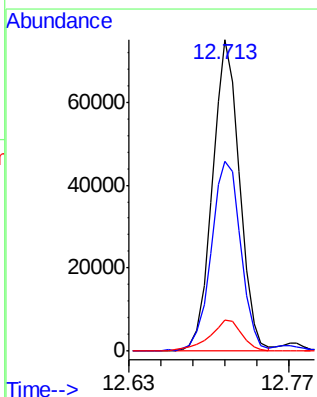
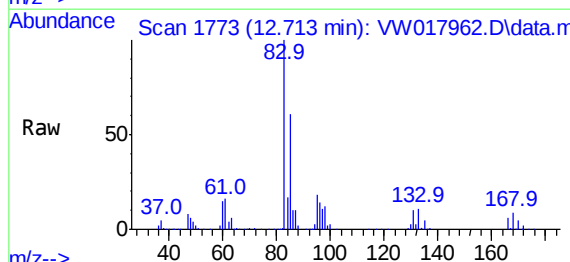
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

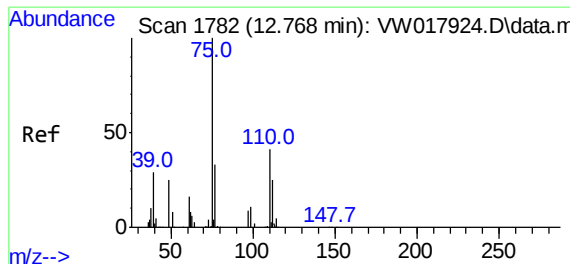
Tgt Ion:105 Resp: 683378
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.2
77 16.3 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 24.79 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 83 Resp: 120659
Ion Ratio Lower Upper
83 100
85 61.0 45.3 84.1
131 9.9 8.3 12.5

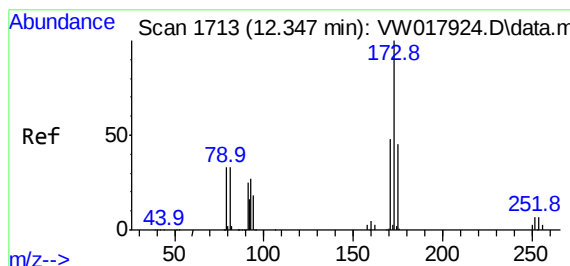
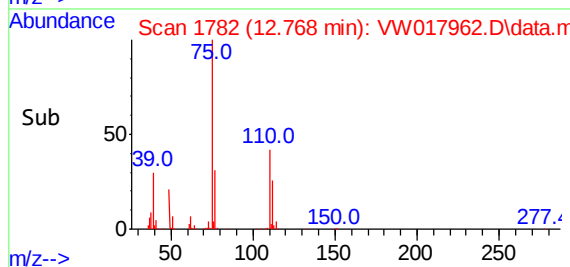
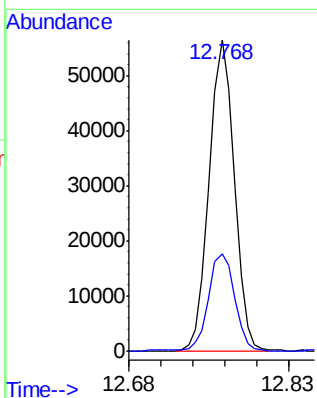
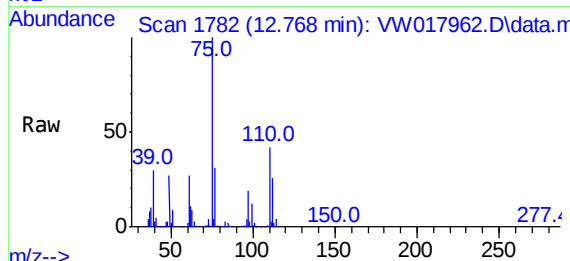




#59
1,2,3-Trichloropropane
Concen: 24.61 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

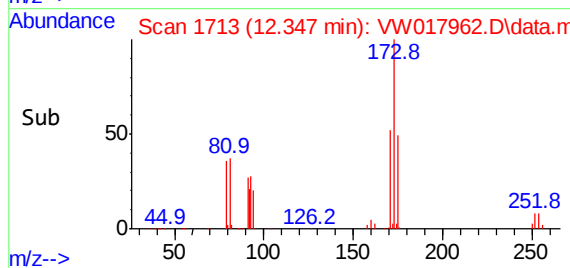
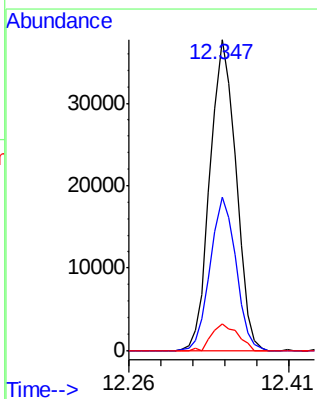
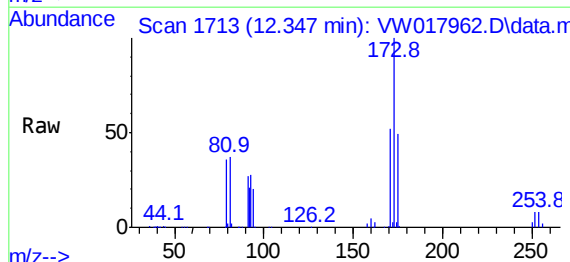
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

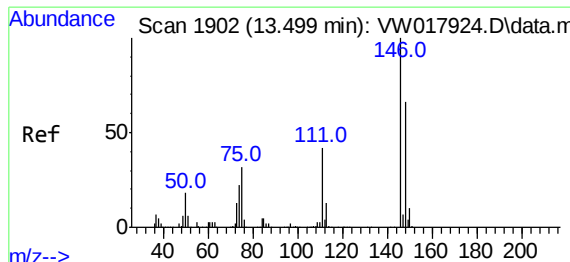
Tgt Ion: 75 Resp: 90547
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8



#62
Bromoform
Concen: 25.86 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 173 Resp: 62455
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
254 8.3 7.1 10.7

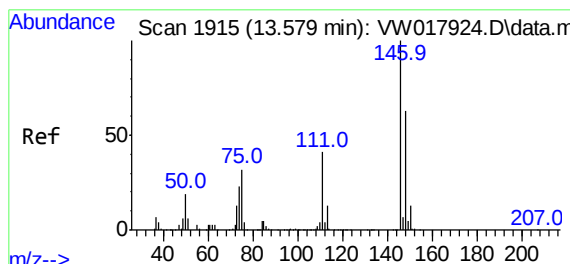
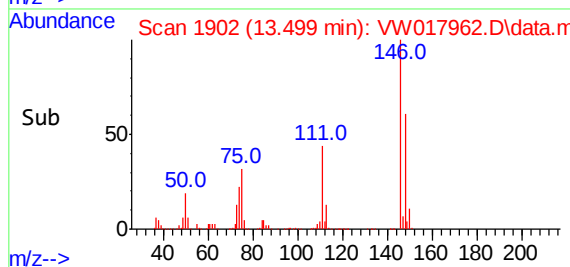
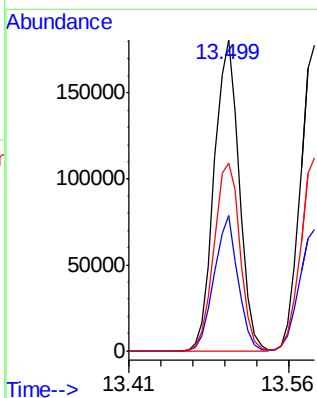
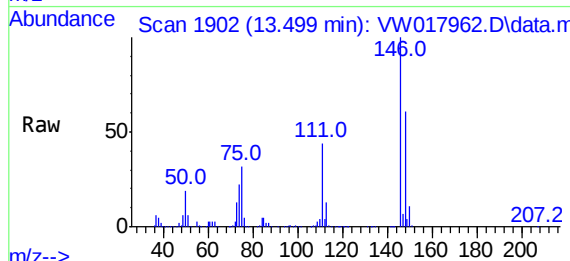




#63
1,3-Dichlorobenzene
Concen: 27.08 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

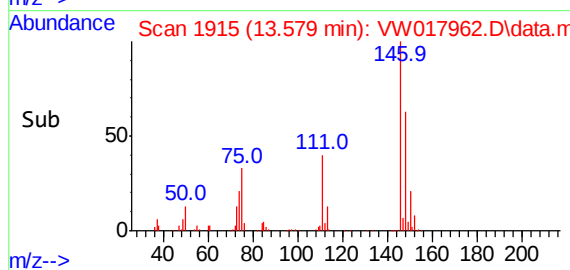
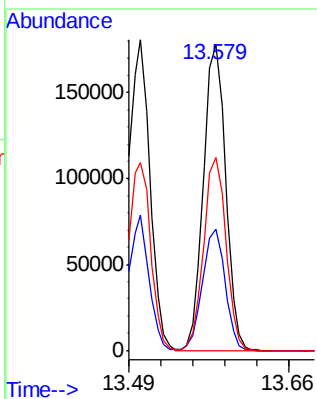
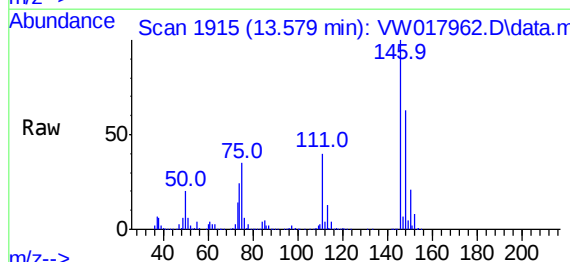
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

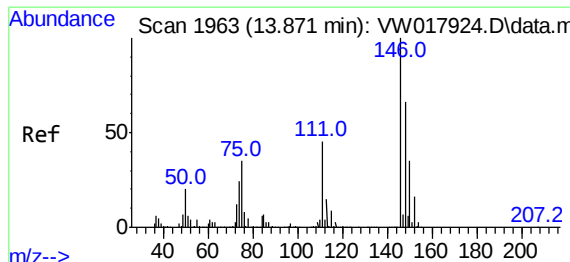
Tgt Ion:146 Resp: 287094
Ion Ratio Lower Upper
146 100
111 43.6 28.5 52.9
148 60.5 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 26.79 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion:146 Resp: 285530
Ion Ratio Lower Upper
146 100
111 39.8 27.7 51.5
148 63.4 47.0 87.2

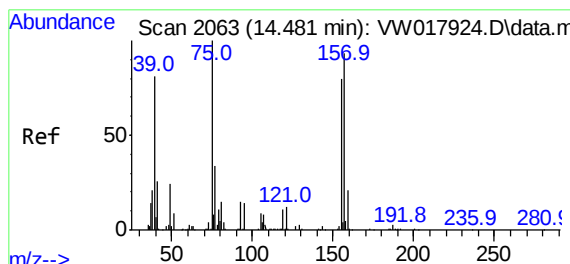
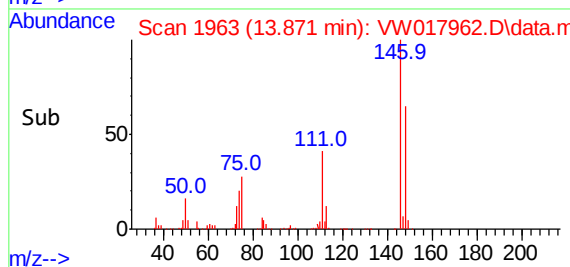
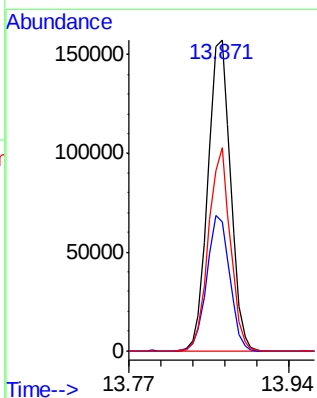
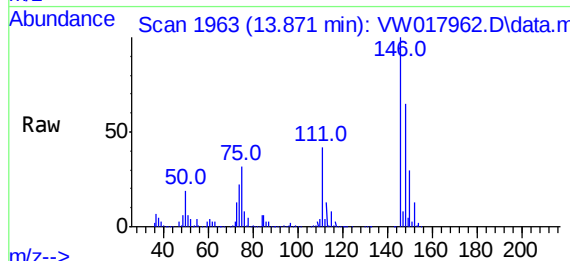




#65
1,2-Dichlorobenzene
Concen: 26.78 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

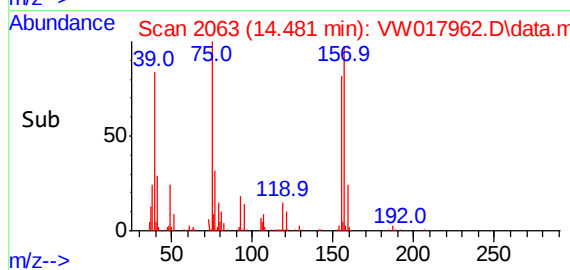
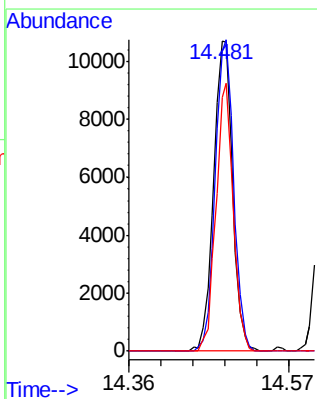
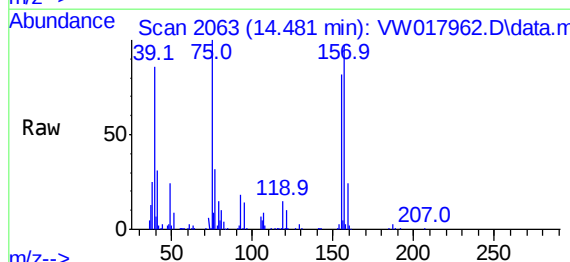
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

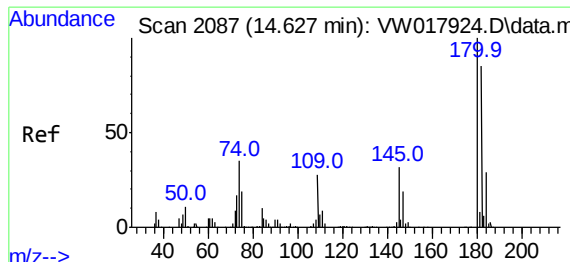
Tgt Ion:146 Resp: 255715
Ion Ratio Lower Upper
146 100
111 41.6 31.7 47.5
148 65.4 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.01 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion: 75 Resp: 18410
Ion Ratio Lower Upper
75 100
157 96.8 99.9 149.9#
155 82.0 71.4 107.0

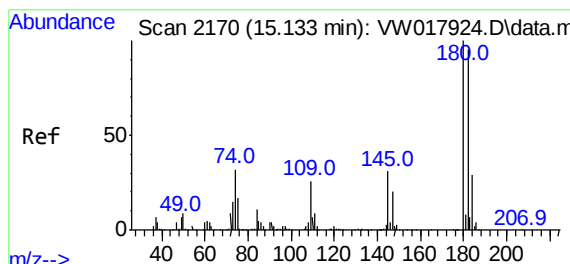
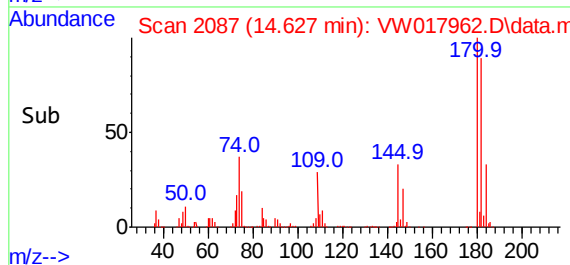
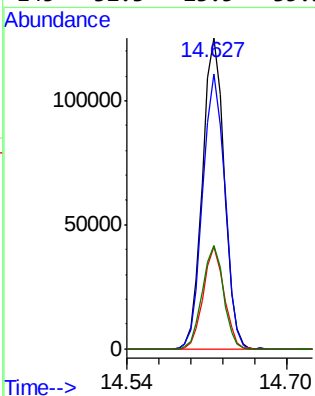
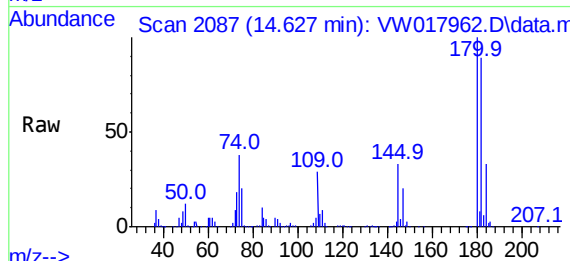




#67
1,3,5-Trichlorobenzene
Concen: 26.45 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

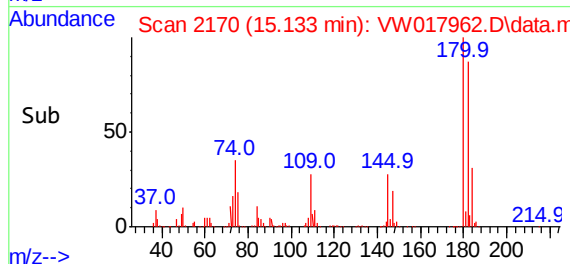
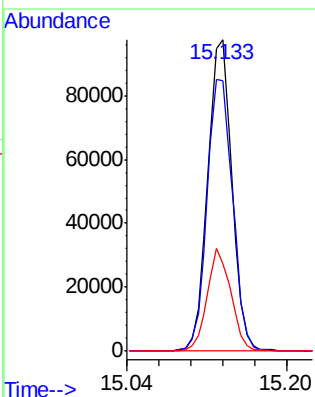
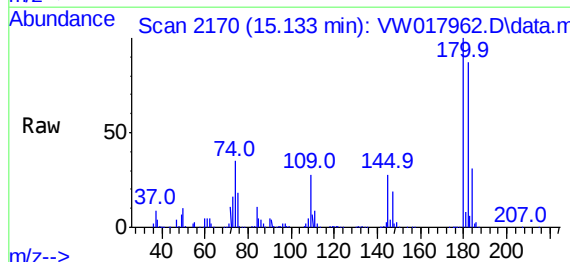
Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

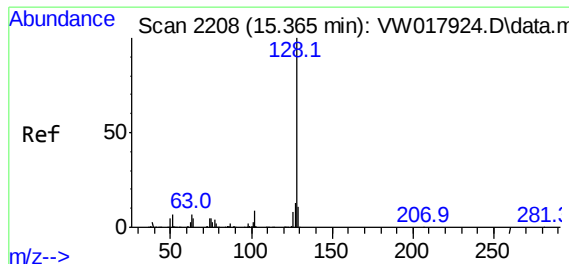
Tgt Ion:180 Resp: 196041
Ion Ratio Lower Upper
180 100
182 90.4 77.0 115.6
184 31.3 24.2 36.4
145 32.3 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.20 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion:180 Resp: 159362
Ion Ratio Lower Upper
180 100
182 92.1 71.3 106.9
145 31.8 24.0 36.0

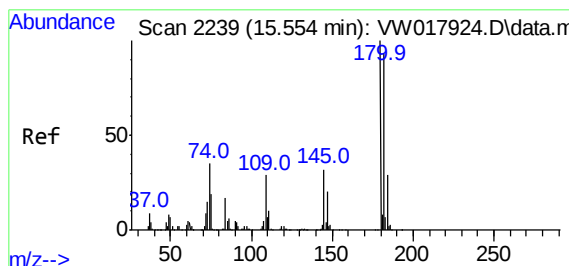
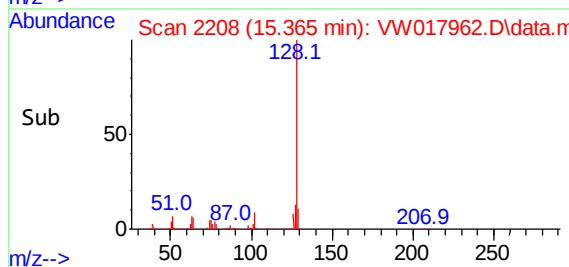
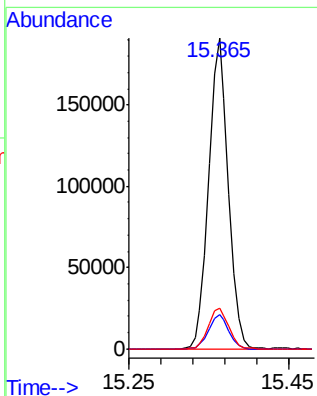
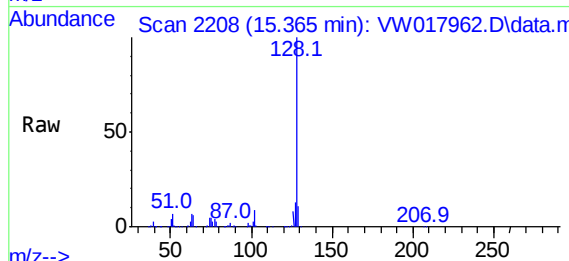




#69
Naphthalene
Concen: 23.96 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02527

Tgt Ion:128 Resp: 324245
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.02 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW017962.D
Acq: 20 Jan 2021 09:50

Tgt Ion:180 Resp: 137962
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 34.6 25.4 38.0

