

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019946.D
 Acq On : 31 Aug 2021 09:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Sep 01 00:56:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 31 01:00:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	304222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	292262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111315	23.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
7) Chloroethane-d5	2.898	69	104329	25.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.032	63	185971	22.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.080	46	47193	49.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.580%
24) Chloroform-d	7.647	84	213589	25.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.120%
26) 1,2-Dichloroethane-d4	8.305	65	112757	25.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	408911	24.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.274	67	121599	24.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	372915	24.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.579	79	49738	23.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.927	63	34551	49.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108907	26.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	122811	24.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	69651	23.362	ug/L	96
3) Chloromethane	2.221	50	87781	23.659	ug/L	99
5) Vinyl chloride	2.367	62	152079	27.639	ug/L	97
6) Bromomethane	2.788	94	108443	26.559	ug/L	100
8) Chloroethane	2.934	64	98873	27.411	ug/L	100
9) Trichlorofluoromethane	3.269	101	88743	25.075	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	114351	27.221	ug/L	97
12) 1,1-Dichloroethene	4.044	96	105981	25.726	ug/L	99
13) Acetone	4.129	43	42223	51.660	ug/L	91
14) Carbon disulfide	4.391	76	328012	24.894	ug/L	100
15) Methyl Acetate	4.672	43	43234	25.412	ug/L	100
16) Methylene chloride	4.922	84	118558	22.706	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	112629	26.025	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	128587	25.813	ug/L	97
19) 1,1-Dichloroethane	6.220	63	202150	26.352	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	117592	26.845	ug/L	100
22) 2-Butanone	7.177	43	56024	52.896	ug/L	98
23) Bromochloromethane	7.519	128	53804	27.446	ug/L	93
25) Chloroform	7.677	83	214322	27.005	ug/L	100

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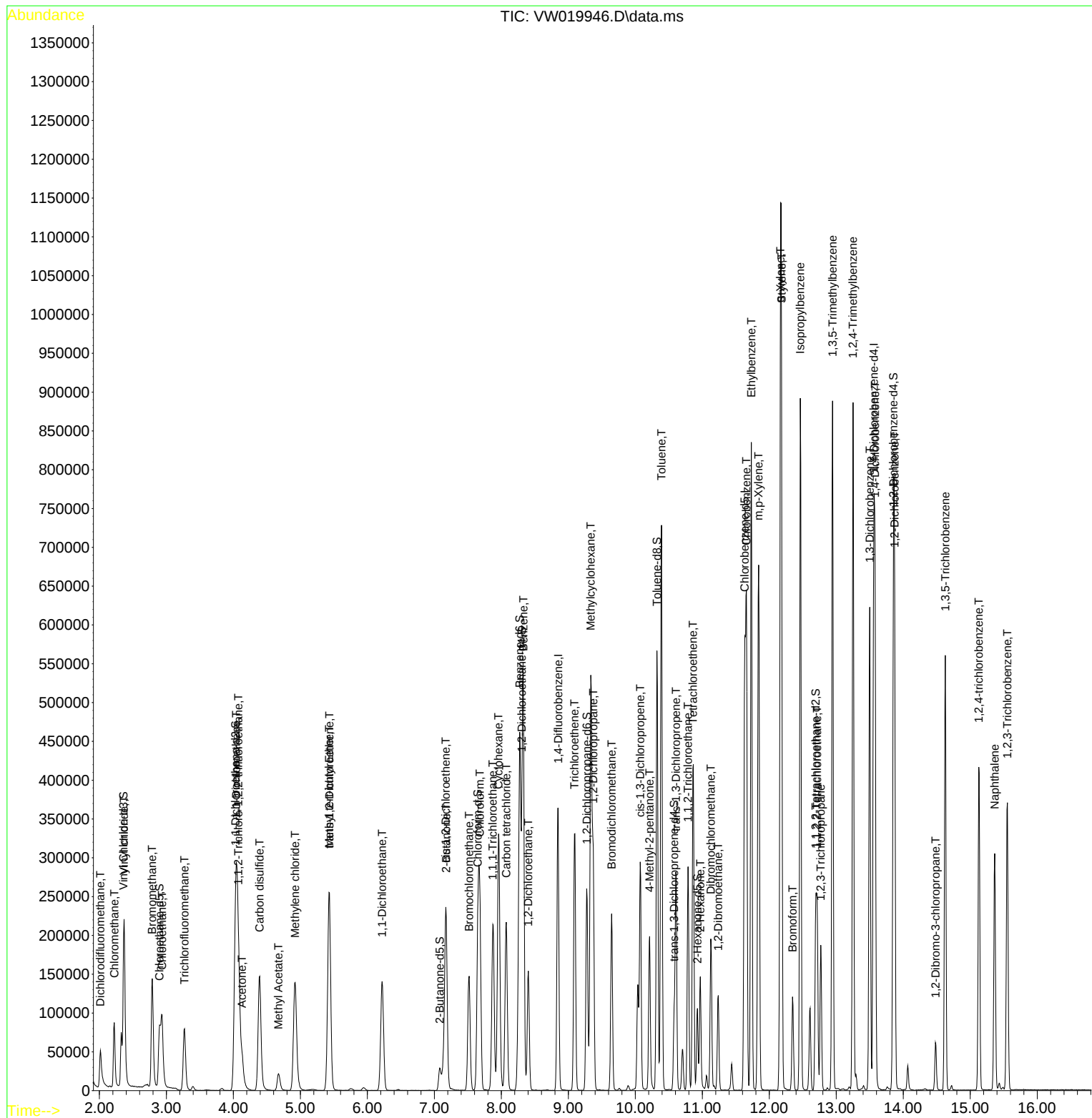
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	137792	26.615	ug/L	98
29) Cyclohexane	7.958	56	176992	25.788	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	172994	26.485	ug/L	99
31) Carbon tetrachloride	8.073	117	164307	26.984	ug/L	99
33) Benzene	8.330	78	485146	27.047	ug/L	100
34) Trichloroethene	9.092	95	119440	25.614	ug/L	93
35) Methylcyclohexane	9.335	83	214004	26.756	ug/L	99
37) 1,2-Dichloropropane	9.372	63	117504	26.450	ug/L	100
38) Bromodichloromethane	9.646	83	150507	26.152	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	171419	26.203	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	123685	52.359	ug/L	97
42) Toluene	10.390	91	523138	27.532	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	153315	26.625	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	88204	27.425	ug/L	97
46) Tetrachloroethene	10.860	164	92616	26.220	ug/L	93
48) 2-Hexanone	10.969	43	86565	52.642	ug/L	97
49) Dibromochloromethane	11.128	129	99626	27.080	ug/L	95
50) 1,2-Dibromoethane	11.238	107	81038	26.827	ug/L	97
51) Chlorobenzene	11.658	112	321706	26.657	ug/L	97
52) Ethylbenzene	11.731	91	553456	27.055	ug/L	99
53) m,p-Xylene	11.841	106	220200	28.030	ug/L	99
54) o-Xylene	12.164	106	203312	27.359	ug/L	98
55) Styrene	12.182	104	352585	27.768	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104871	26.590	ug/L	99
59) Bromoform	12.347	173	52741	26.690	ug/L	98
60) Isopropylbenzene	12.463	105	551978	27.371	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77002	26.388	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	456158	28.340	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457092	28.016	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	244309	27.173	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	241424	26.123	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	224117	27.450	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15315	24.075	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	162793	26.278	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	132874	27.913	ug/L	98
71) Naphthalene	15.365	128	253798	26.732	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	116732	26.482	ug/L	98

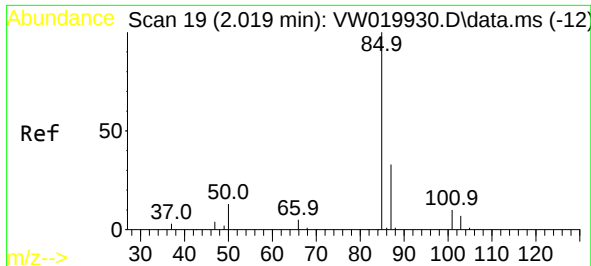
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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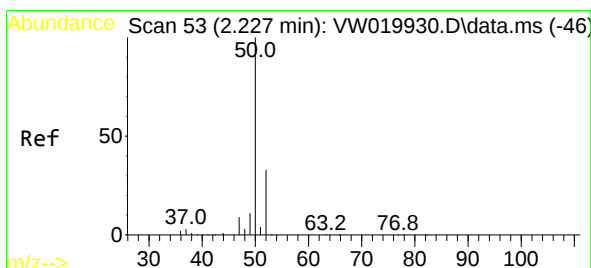
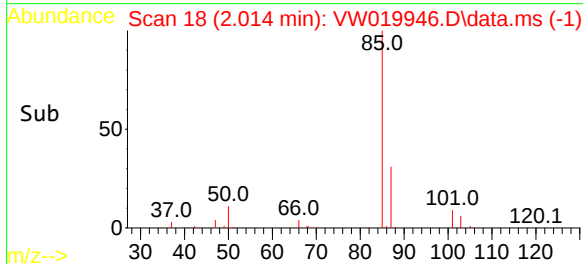
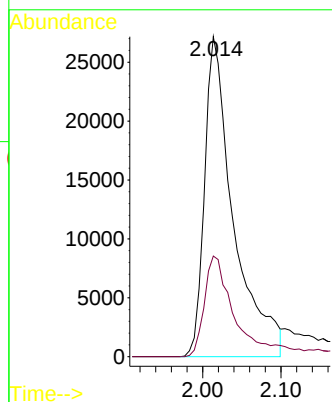
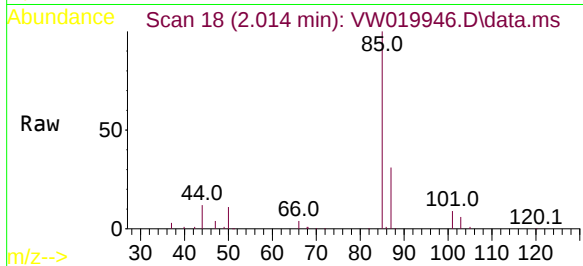




#2
Dichlorodifluoromethane
Concen: 23.362 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

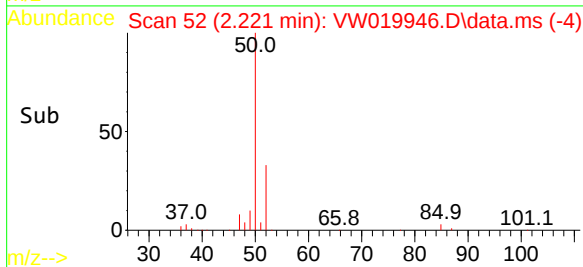
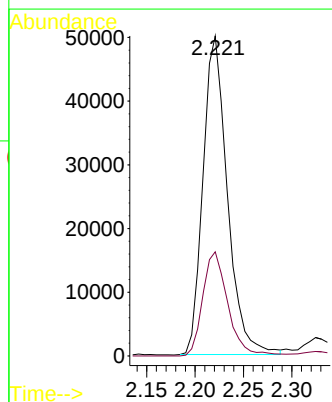
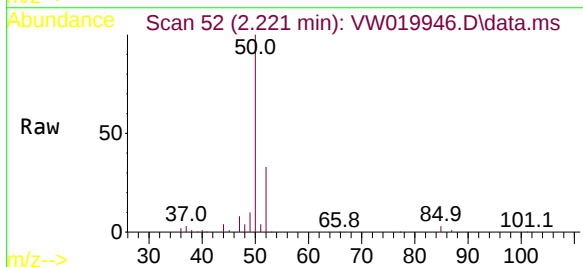
Instrument :
MSVOA_W
ClientSampled :
VSTD025531

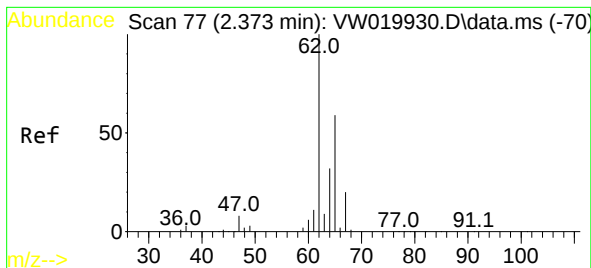
Tgt Ion: 85 Resp: 69651
Ion Ratio Lower Upper
85 100
87 31.0 23.3 34.9



#3
Chloromethane
Concen: 23.659 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 50 Resp: 87781
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9





#5

Vinyl chloride

Concen: 27.639 ug/L

RT: 2.367 min Scan# 76

Delta R.T. -0.006 min

Lab File: VW019946.D

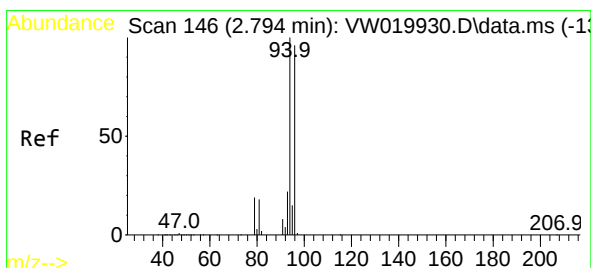
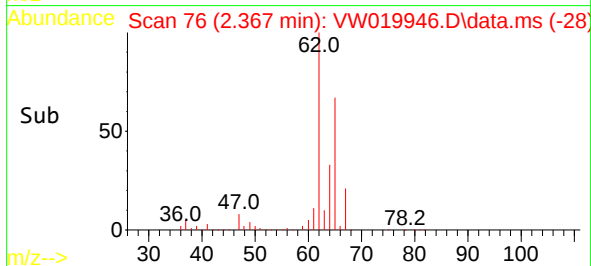
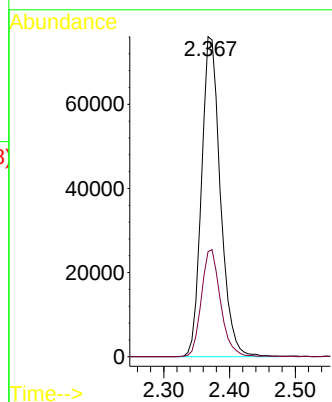
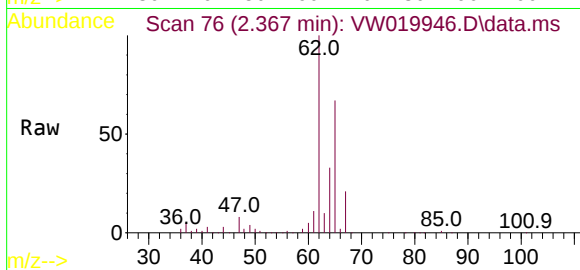
Acq: 31 Aug 2021 09:25

Tgt Ion: 62 Resp: 152079

Ion Ratio Lower Upper

62 100

64 32.8 24.2 45.0



#6

Bromomethane

Concen: 26.559 ug/L

RT: 2.788 min Scan# 145

Delta R.T. -0.006 min

Lab File: VW019946.D

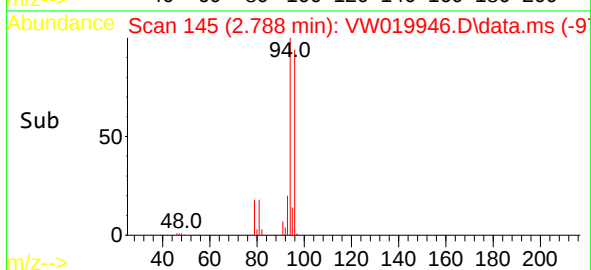
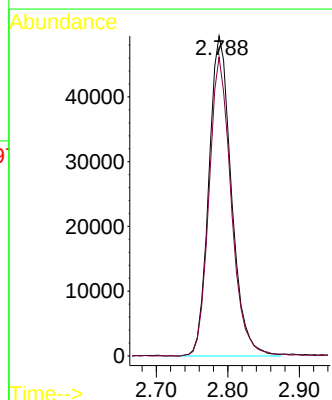
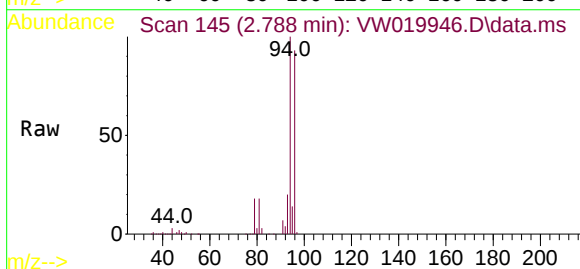
Acq: 31 Aug 2021 09:25

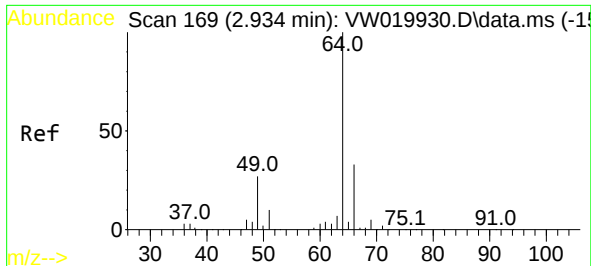
Tgt Ion: 94 Resp: 108443

Ion Ratio Lower Upper

94 100

96 93.5 65.3 121.3

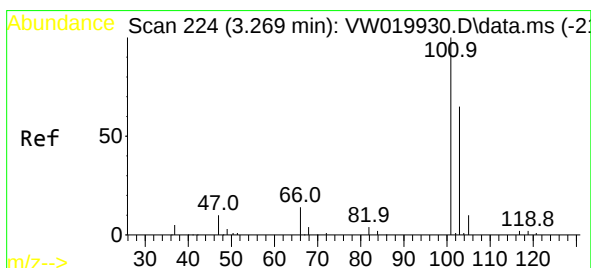
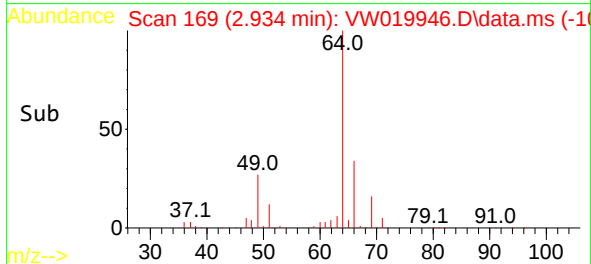
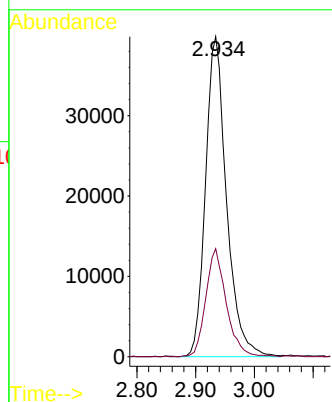
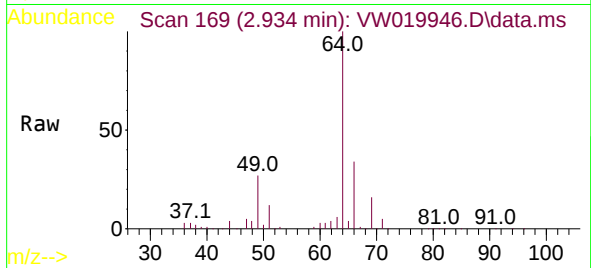




#8
Chloroethane
Concen: 27.411 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

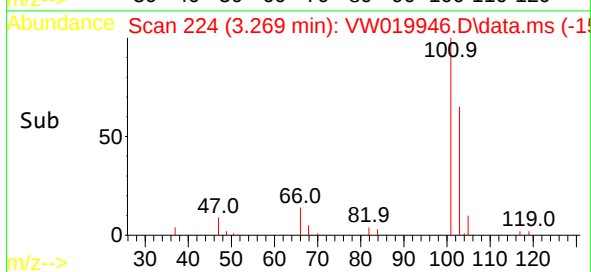
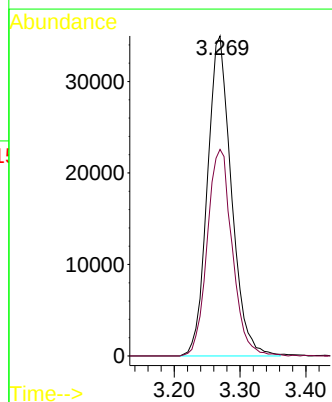
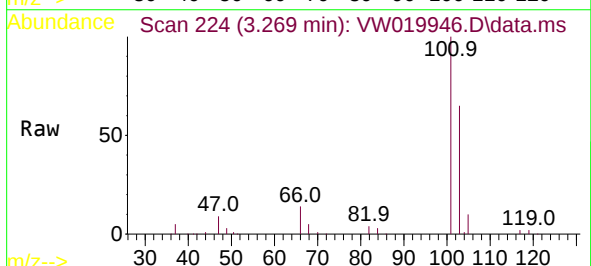
Instrument :
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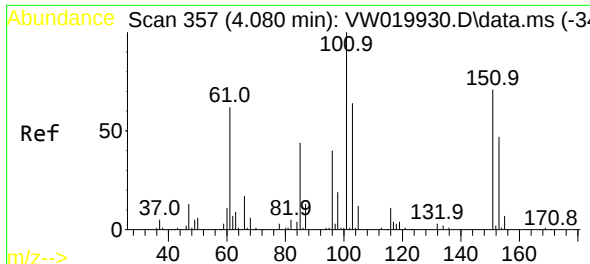
Tgt Ion: 64 Resp: 98873
Ion Ratio Lower Upper
64 100
66 33.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.075 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:101 Resp: 88743
Ion Ratio Lower Upper
101 100
103 67.2 51.0 76.4

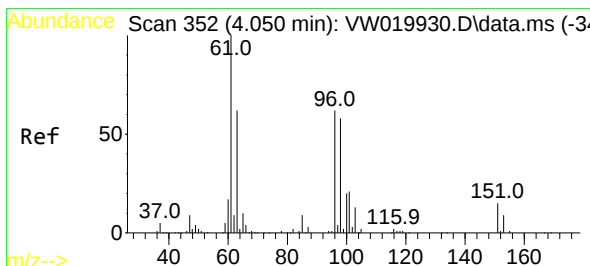
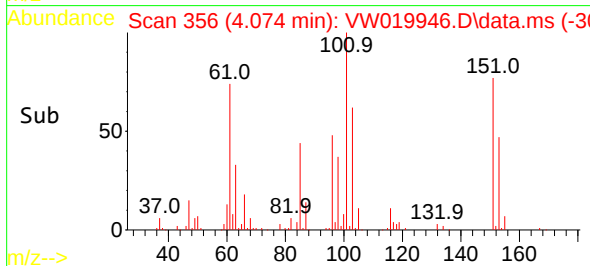
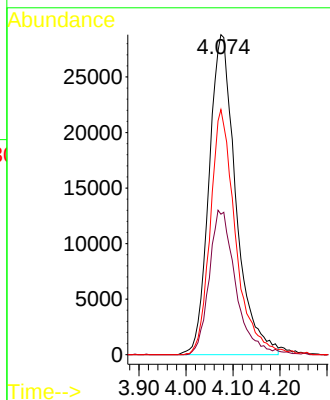
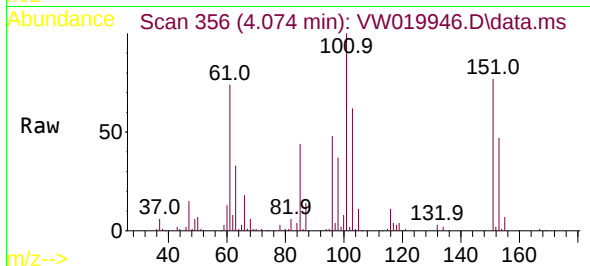




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.221 ug/L
RT: 4.074 min Scan# 356
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

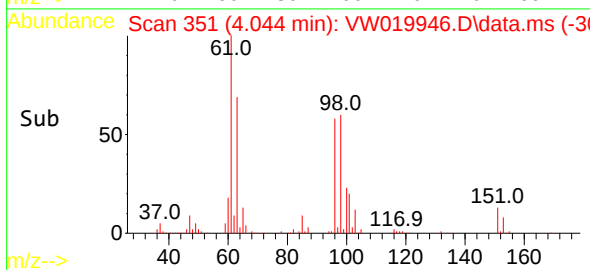
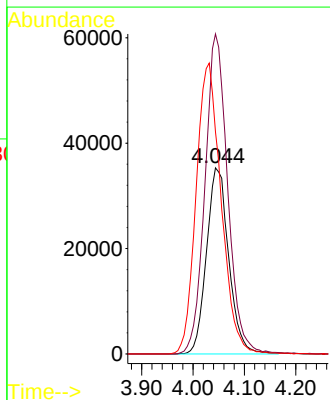
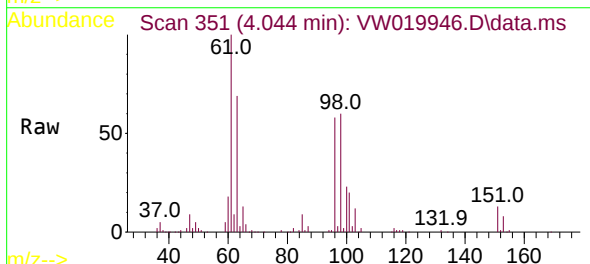
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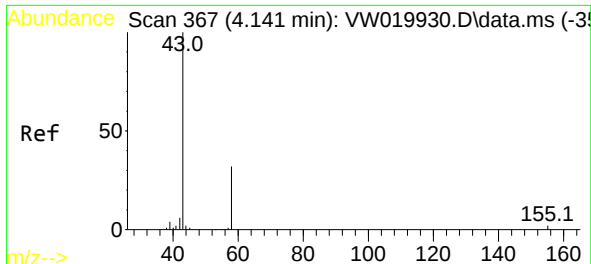
Tgt Ion:101 Resp: 114351
Ion Ratio Lower Upper
101 100
85 44.1 38.2 57.2
151 72.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 25.726 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 96 Resp: 105981
Ion Ratio Lower Upper
96 100
61 172.0 118.1 219.3
63 119.4 83.7 155.5

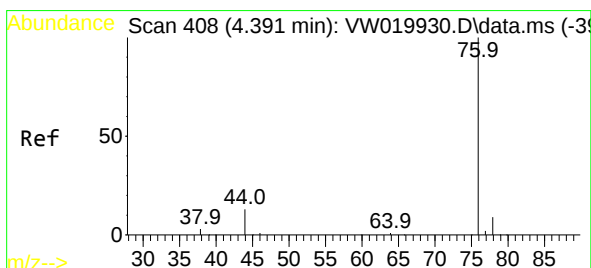
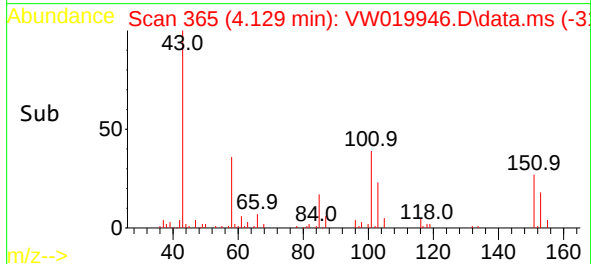
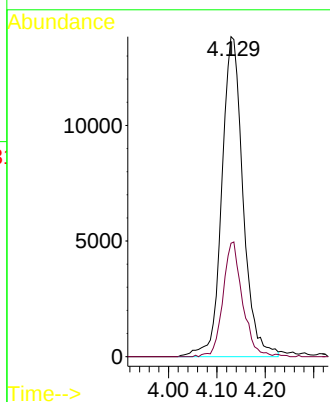
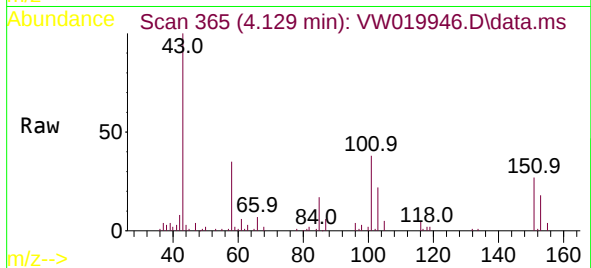




#13
Acetone
Concen: 51.660 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

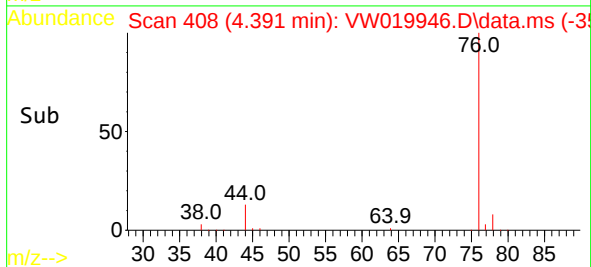
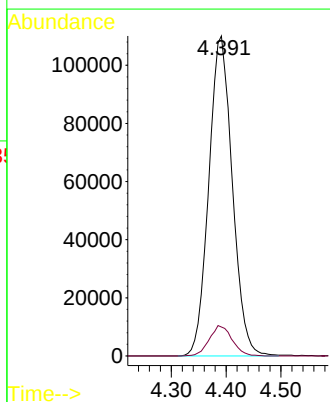
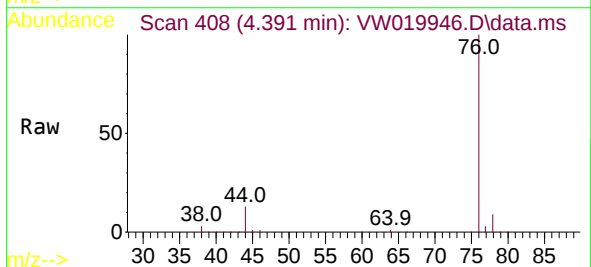
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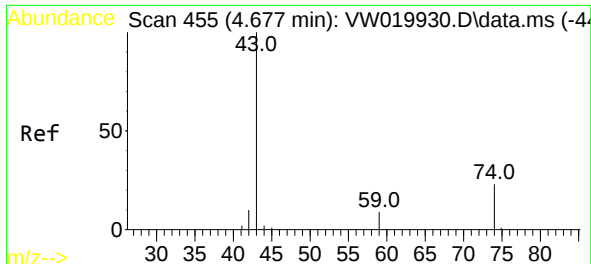
Tgt Ion: 43 Resp: 42223
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#14
Carbon disulfide
Concen: 24.894 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 76 Resp: 328012
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

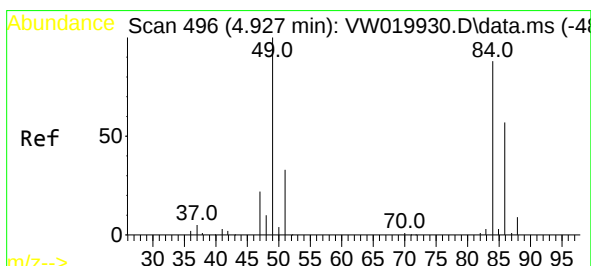
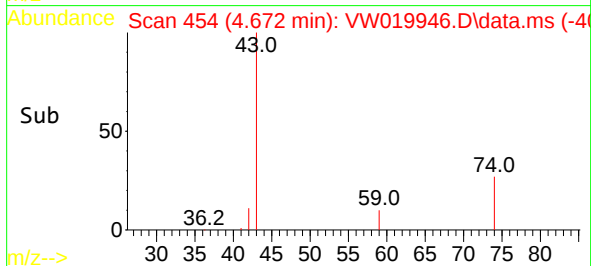
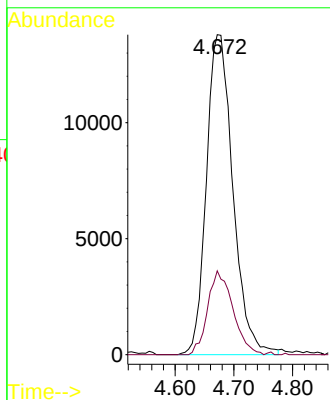
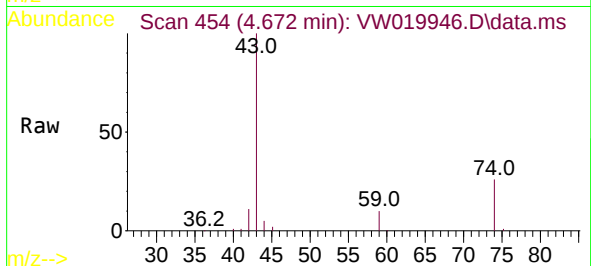




#15
Methyl Acetate
Concen: 25.412 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

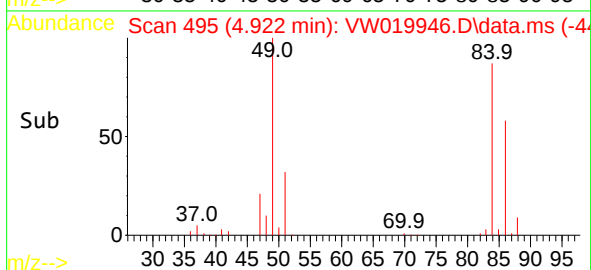
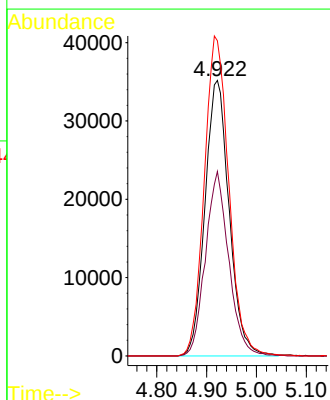
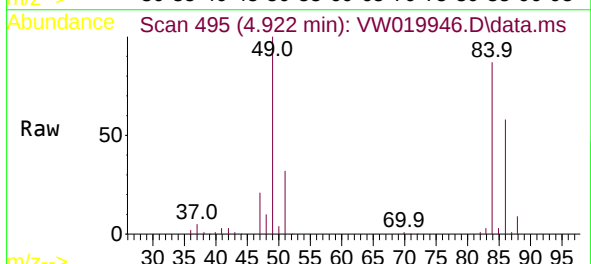
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

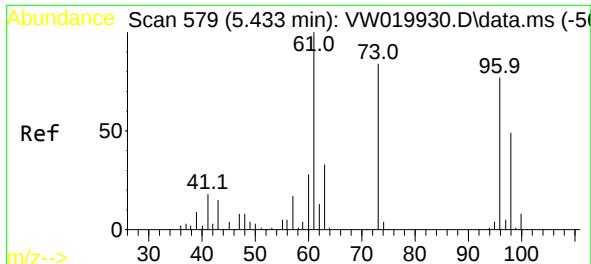
Tgt Ion: 43 Resp: 43234
Ion Ratio Lower Upper
43 100
74 24.9 20.0 30.0



#16
Methylene chloride
Concen: 22.706 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 84 Resp: 118558
Ion Ratio Lower Upper
84 100
86 66.9 45.3 84.1
49 114.4 86.6 160.8

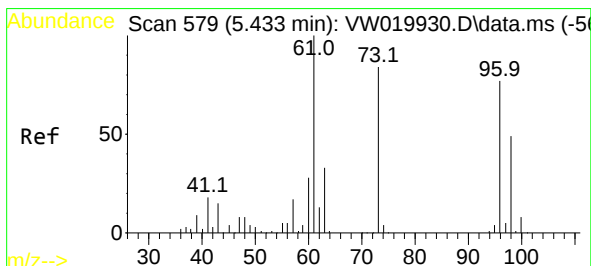
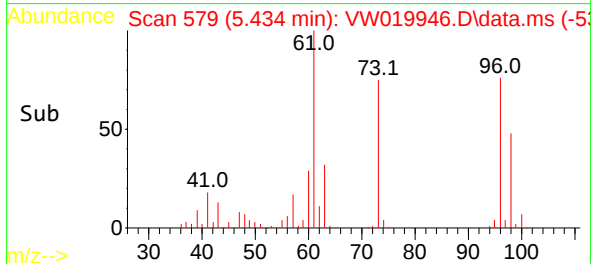
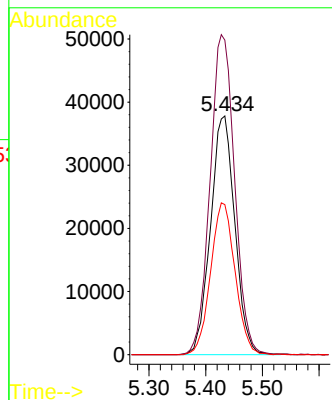
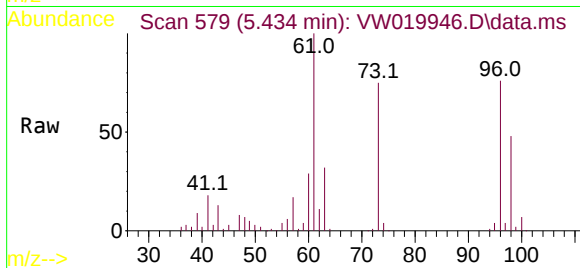




#17
trans-1,2-Dichloroethene
Concen: 26.025 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

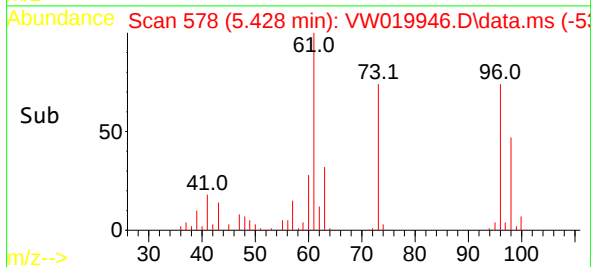
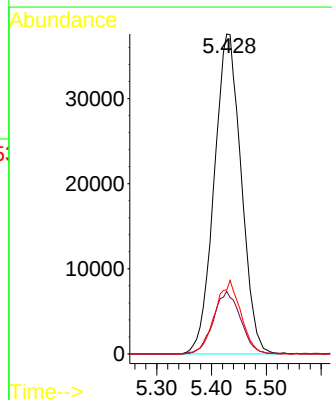
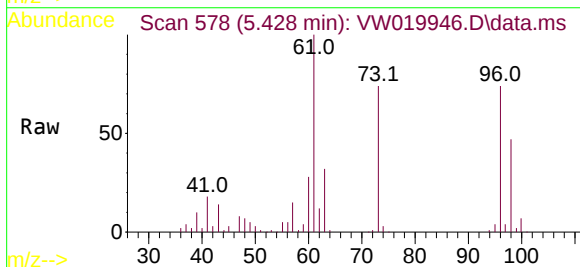
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

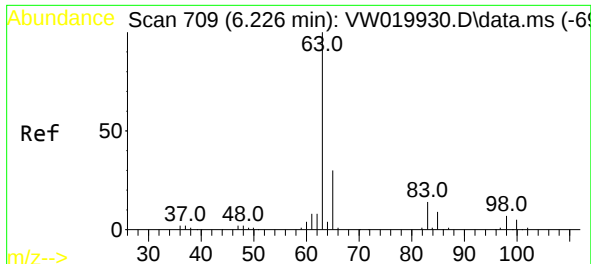
Tgt Ion: 96 Resp: 112629
Ion Ratio Lower Upper
96 100
61 131.8 98.3 182.7
98 62.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 25.813 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 73 Resp: 128587
Ion Ratio Lower Upper
73 100
43 19.7 17.7 26.5
57 21.9 17.0 25.4

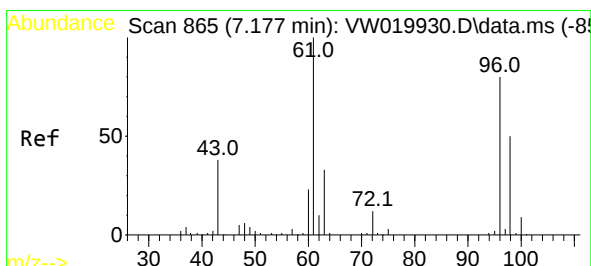
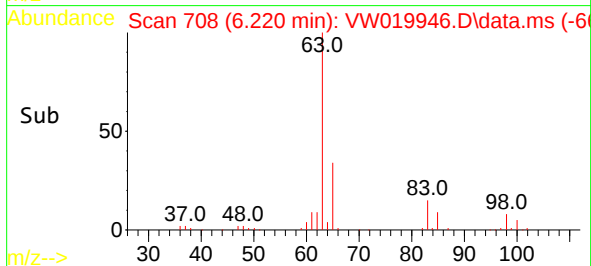
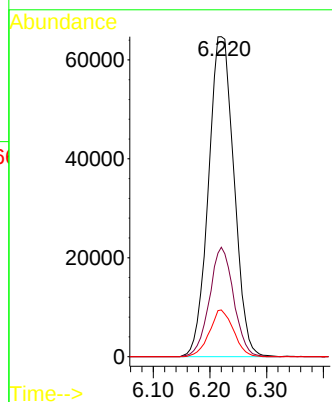
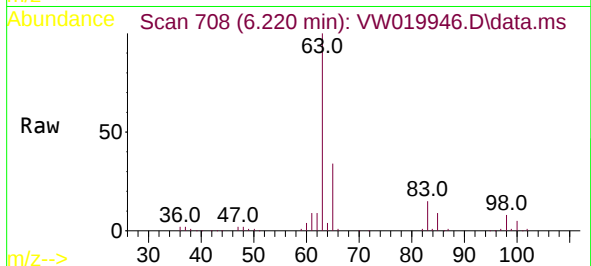




#19
1,1-Dichloroethane
Concen: 26.352 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

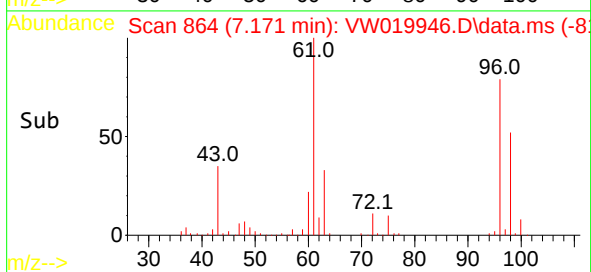
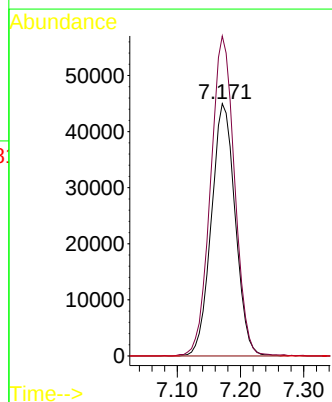
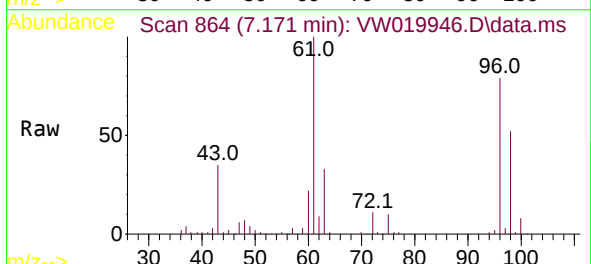
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

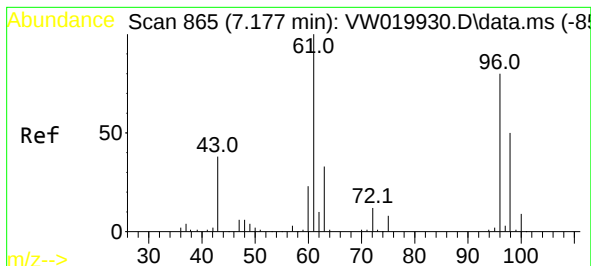
Tgt Ion: 63 Resp: 202150
Ion Ratio Lower Upper
63 100
65 34.2 22.9 42.5
83 14.6 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 26.845 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 96 Resp: 117592
Ion Ratio Lower Upper
96 100
61 126.8 88.5 164.3
68 0.0 0.0 0.0

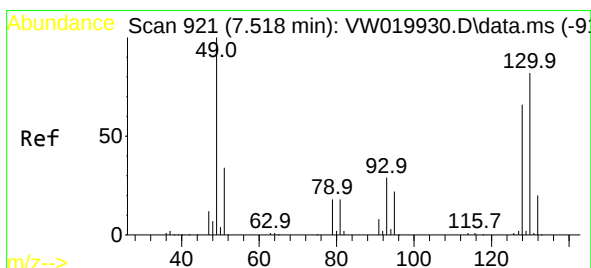
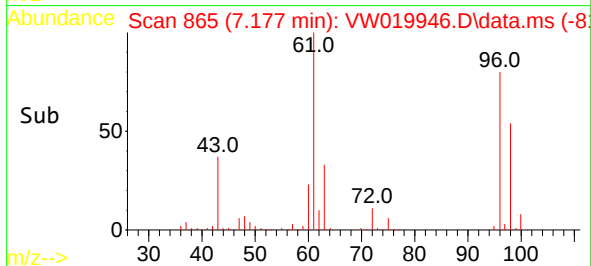
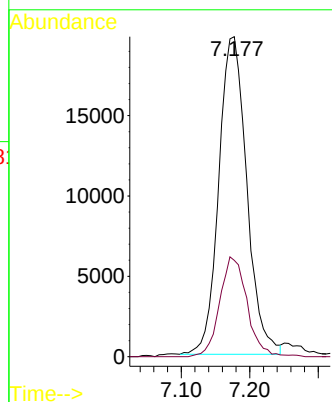
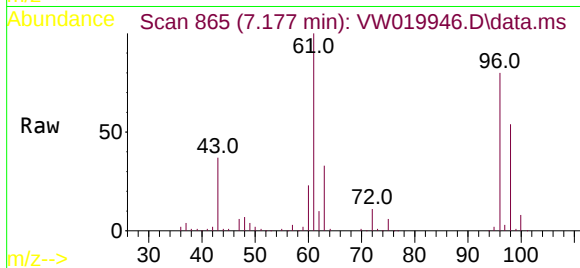




#22
2-Butanone
Concen: 52.896 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

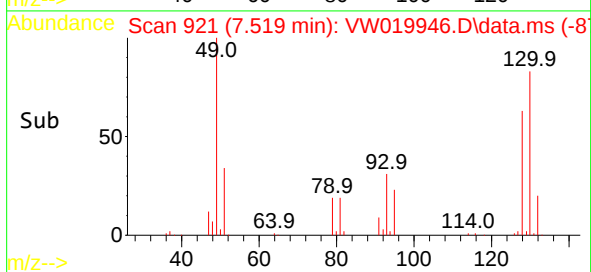
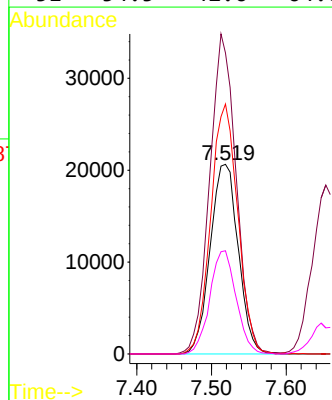
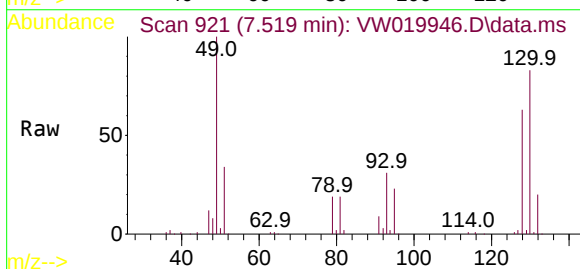
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

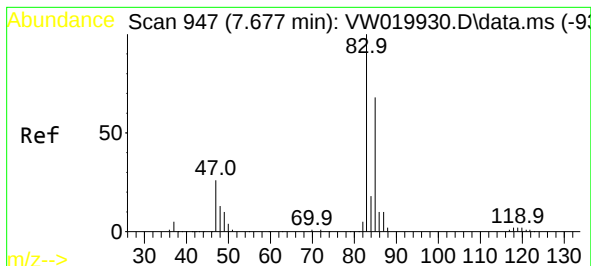
Tgt Ion: 43 Resp: 56024
Ion Ratio Lower Upper
43 100
72 30.6 14.9 44.7



#23
Bromochloromethane
Concen: 27.446 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 128 Resp: 53804
Ion Ratio Lower Upper
128 100
49 158.8 116.3 215.9
130 131.8 82.4 153.0
51 54.5 42.6 64.0

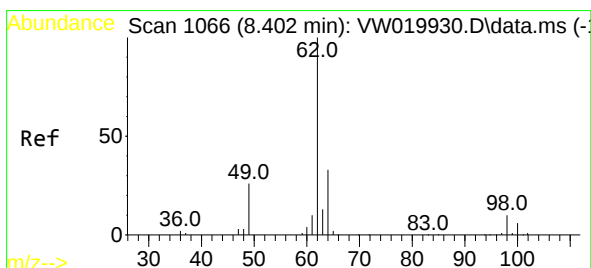
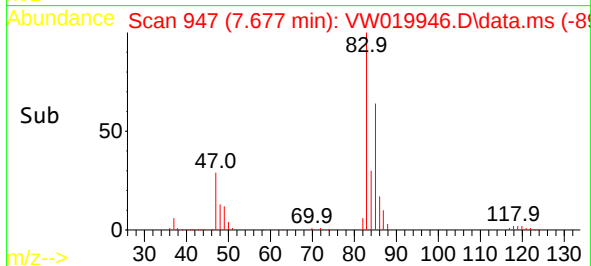
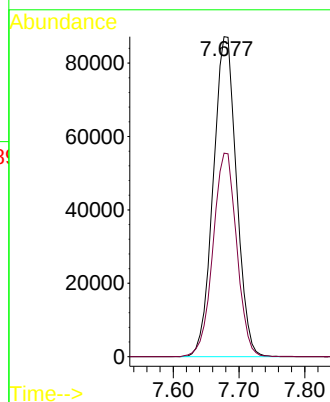
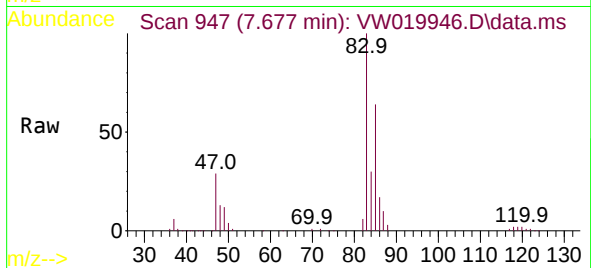




#25
Chloroform
Concen: 27.005 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

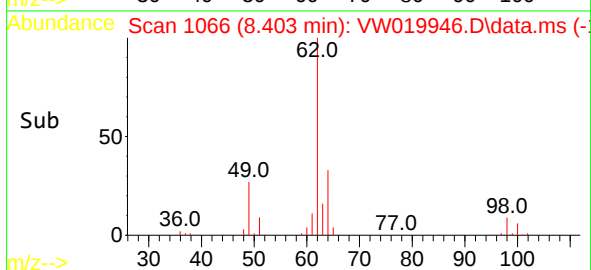
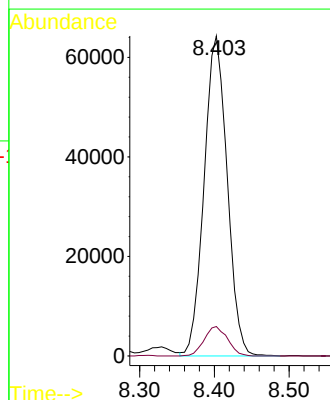
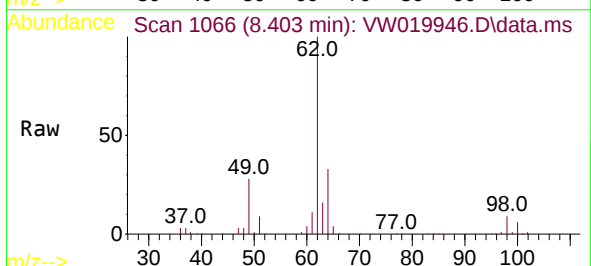
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

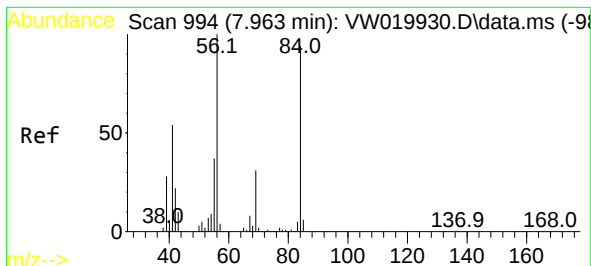
Tgt Ion: 83 Resp: 214322
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.615 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

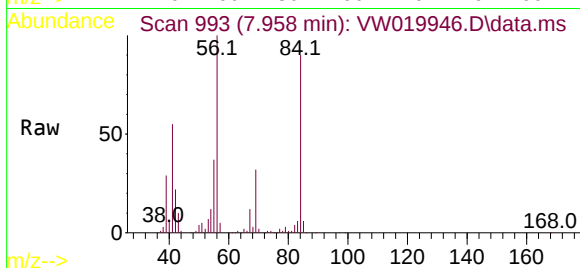
Tgt Ion: 62 Resp: 137792
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3





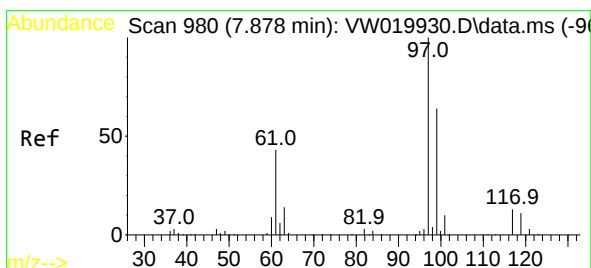
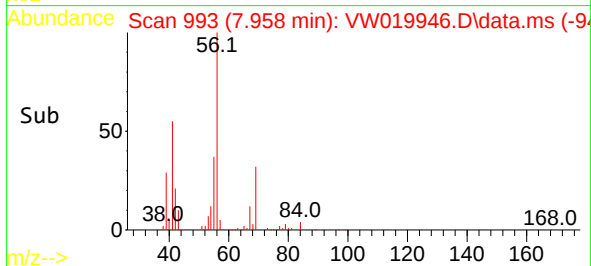
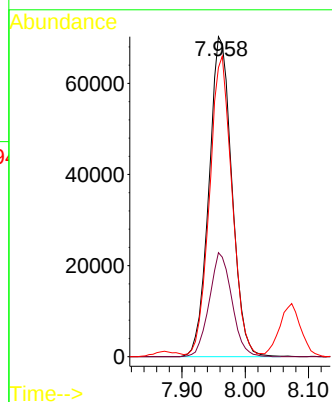
#29
Cyclohexane
Concen: 25.788 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531



Tgt Ion: 56 Resp: 176992

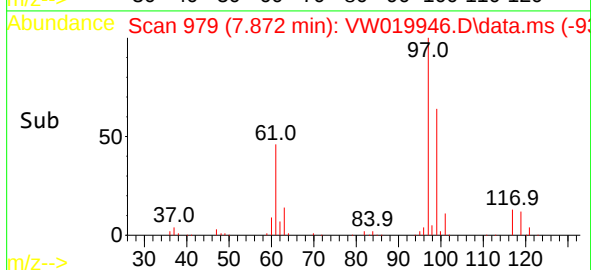
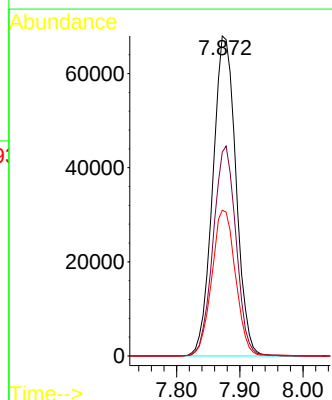
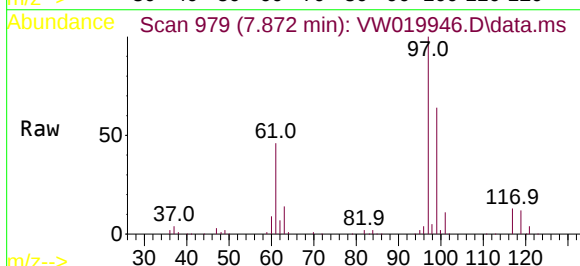
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.5	36.7
84	92.5	75.0	112.4

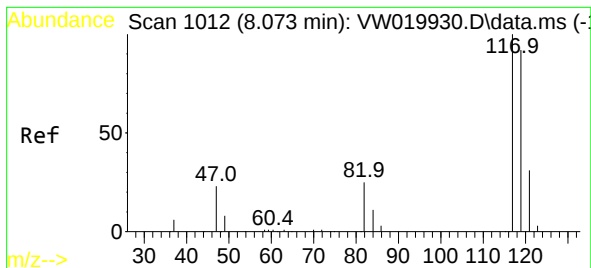


#30
1,1,1-Trichloroethane
Concen: 26.485 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 97 Resp: 172994

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	46.4	37.8	56.6

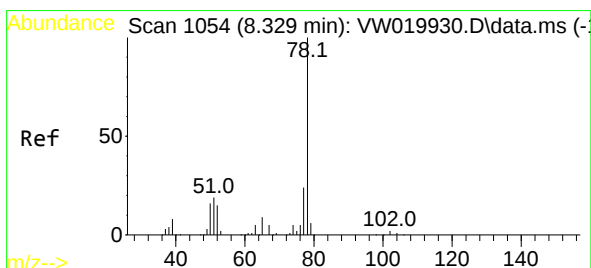
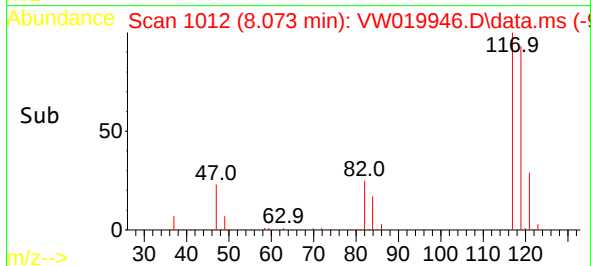
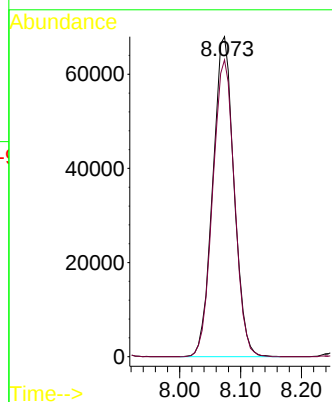
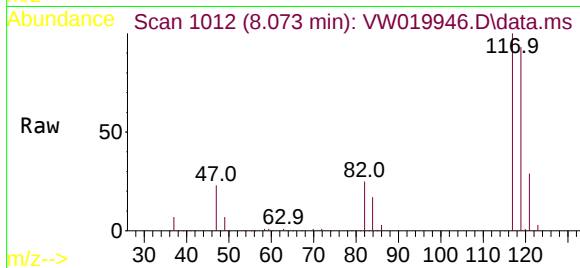




#31
Carbon tetrachloride
Concen: 26.984 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

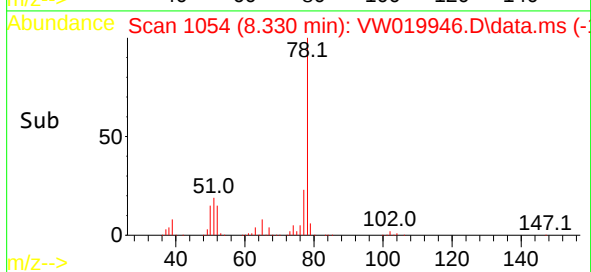
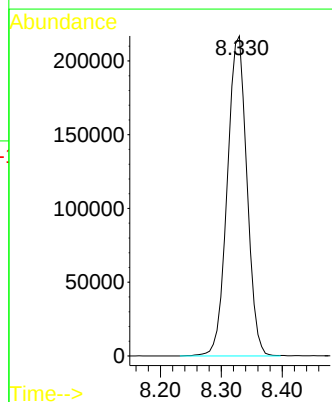
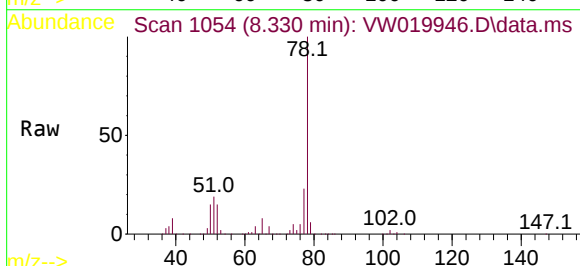
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

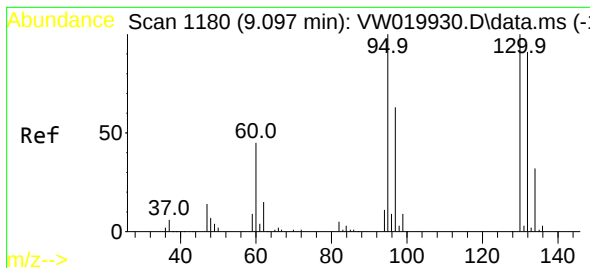
Tgt Ion:117 Resp: 164307
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 27.047 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 78 Resp: 485146

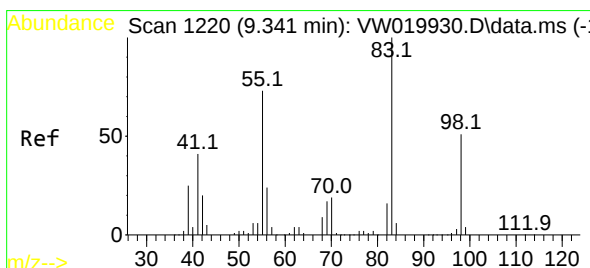
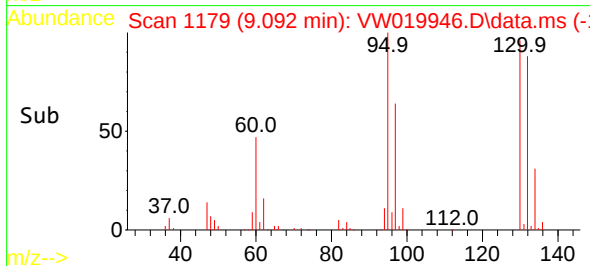
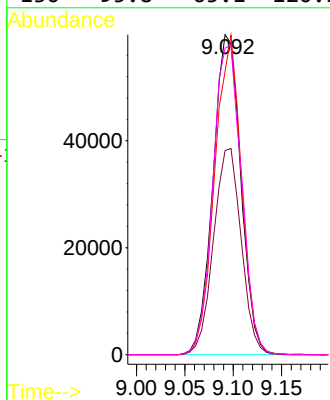
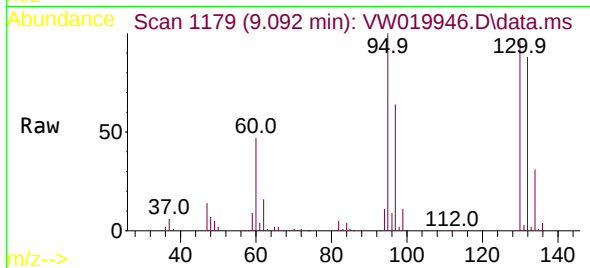




#34
Trichloroethene
Concen: 25.614 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

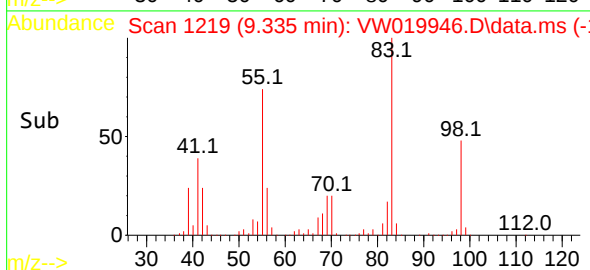
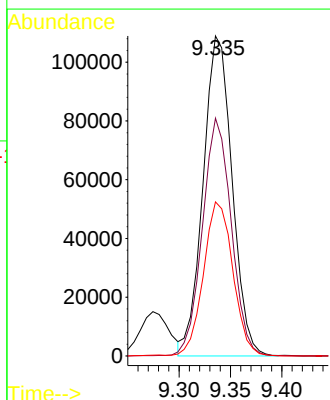
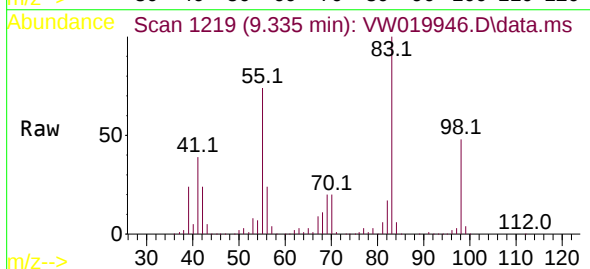
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

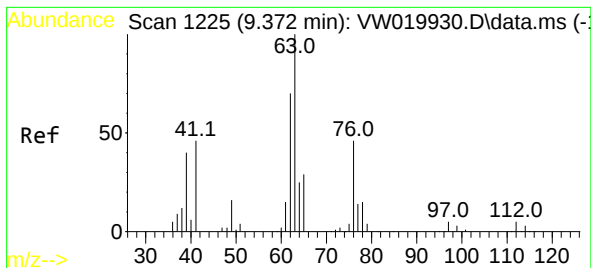
Tgt Ion: 95 Resp: 119440
Ion Ratio Lower Upper
95 100
97 63.8 47.3 87.8
132 88.5 71.0 131.8
130 95.8 65.1 120.9



#35
Methylcyclohexane
Concen: 26.756 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 83 Resp: 214004
Ion Ratio Lower Upper
83 100
55 73.9 58.9 88.3
98 48.8 40.1 60.1

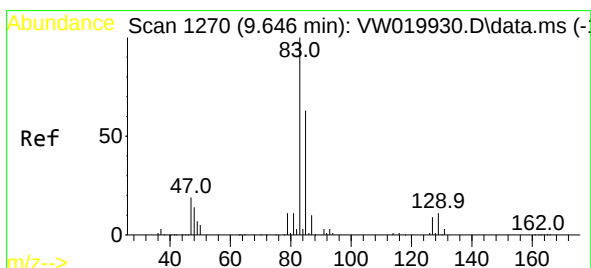
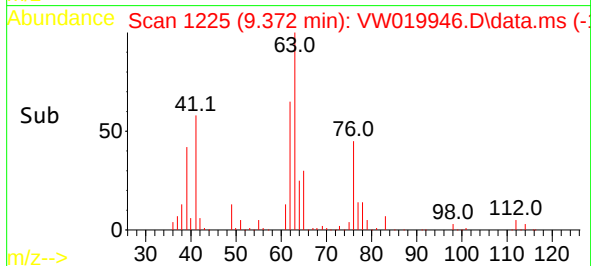
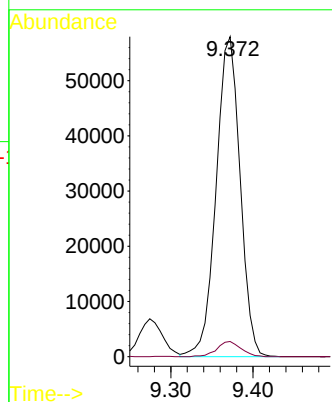
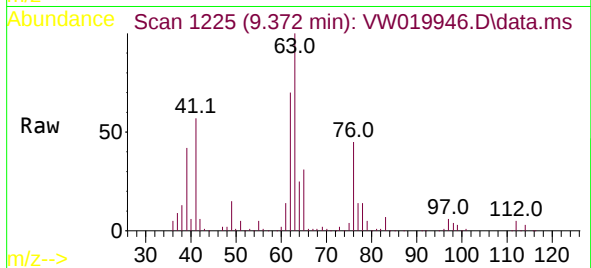




#37
1,2-Dichloropropane
Concen: 26.450 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

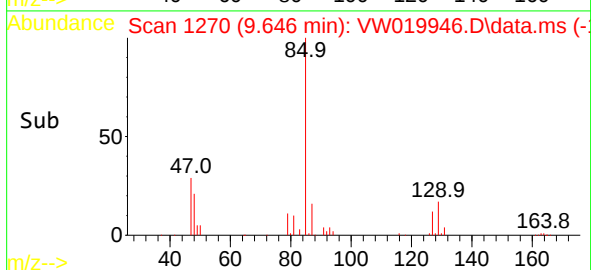
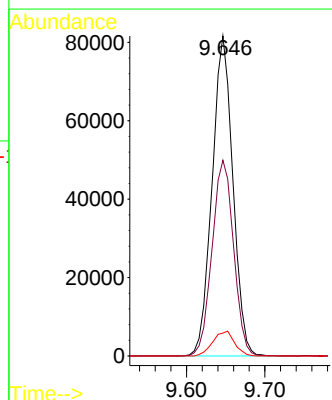
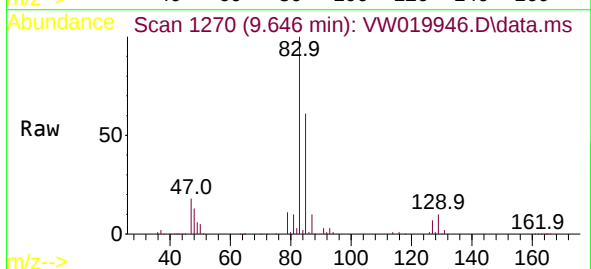
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

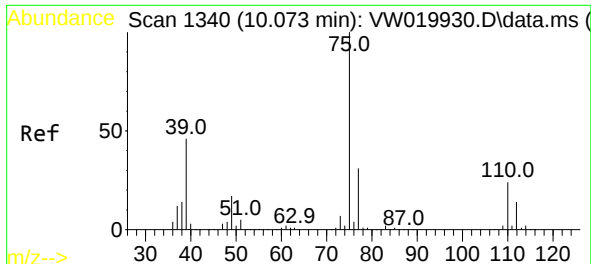
Tgt Ion: 63 Resp: 117504
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 26.152 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 83 Resp: 150507
Ion Ratio Lower Upper
83 100
85 61.1 42.3 78.5
127 7.2 6.6 9.8

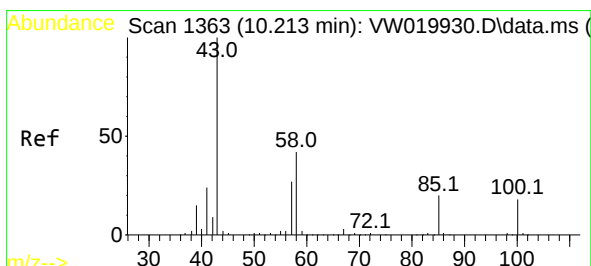
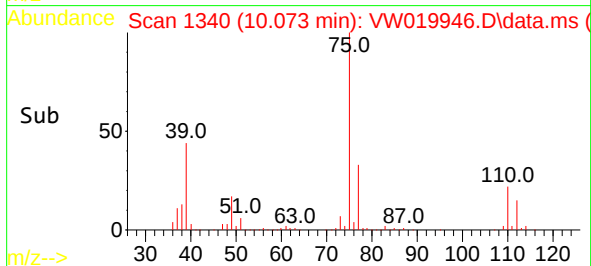
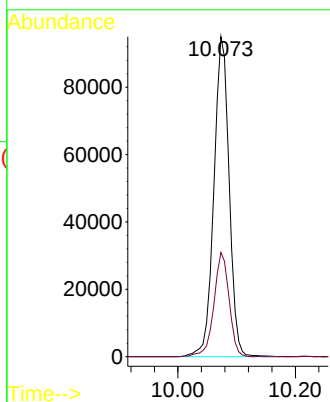
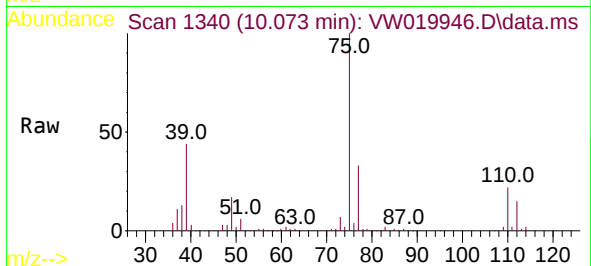




#39
cis-1,3-Dichloropropene
Concen: 26.203 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

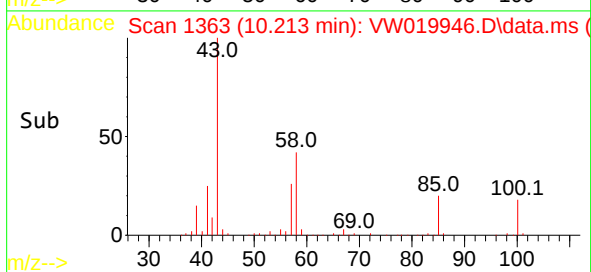
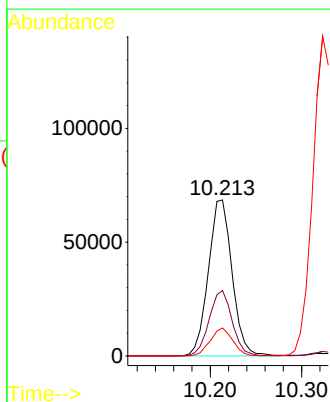
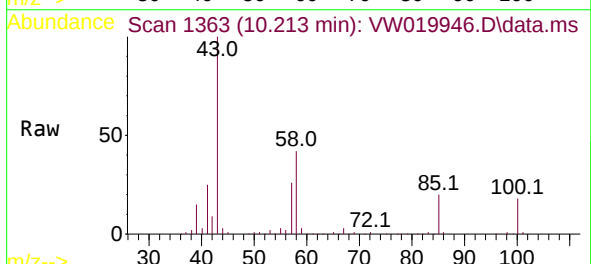
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

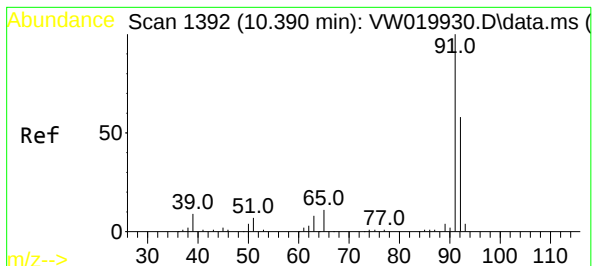
Tgt Ion: 75 Resp: 171419
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 52.359 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 43 Resp: 123685
Ion Ratio Lower Upper
43 100
58 40.8 31.0 46.4
100 17.0 13.0 19.6





#42

Toluene

Concen: 27.532 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019946.D

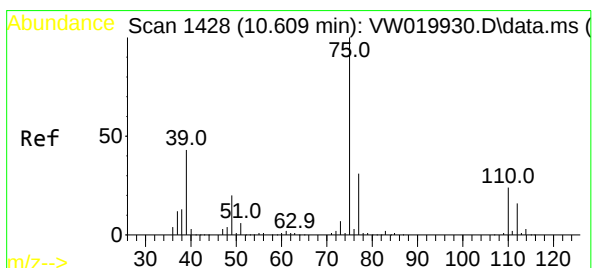
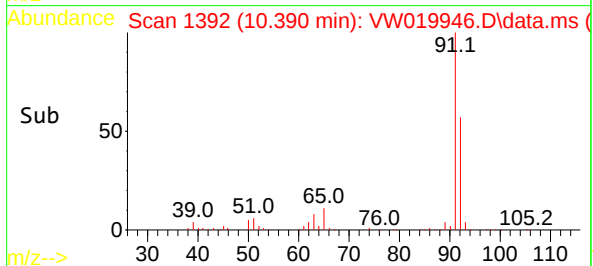
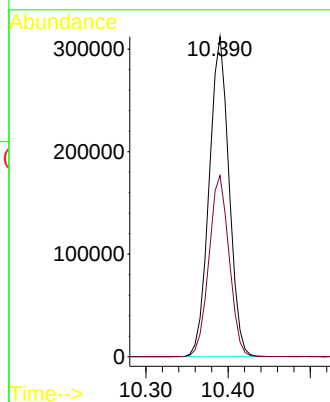
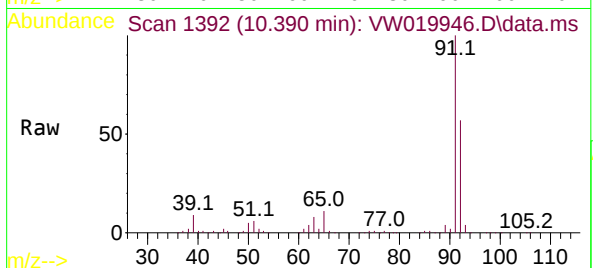
Acq: 31 Aug 2021 09:25

Tgt Ion: 91 Resp: 523138

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 26.625 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW019946.D

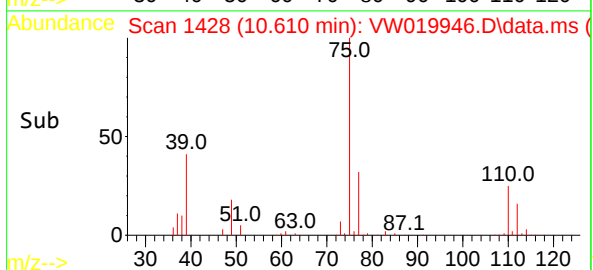
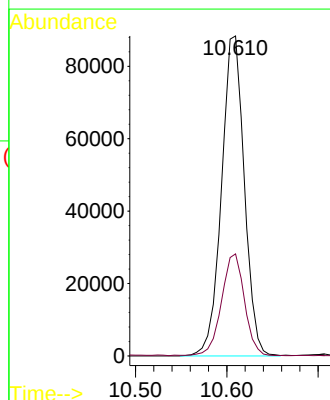
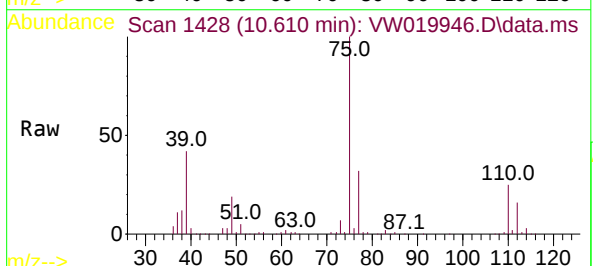
Acq: 31 Aug 2021 09:25

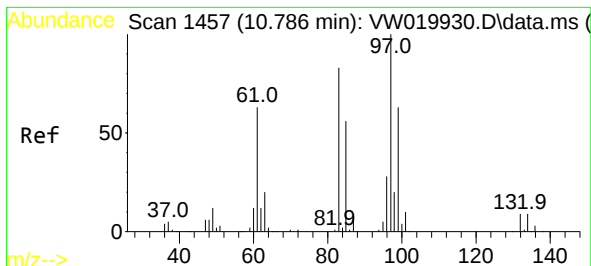
Tgt Ion: 75 Resp: 153315

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1

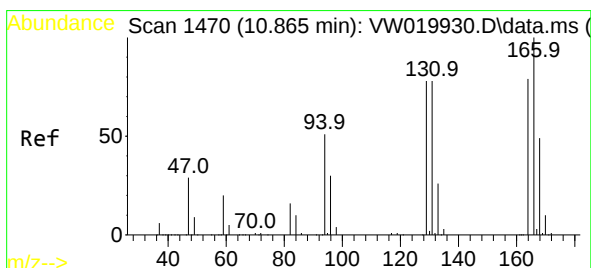
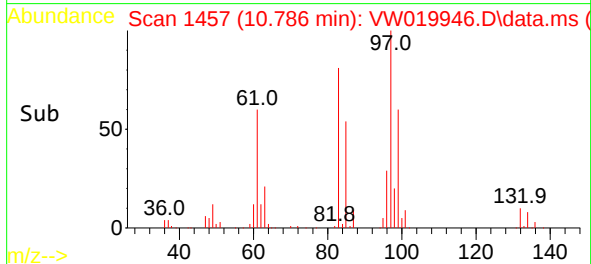
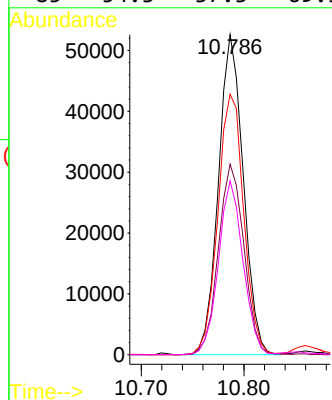
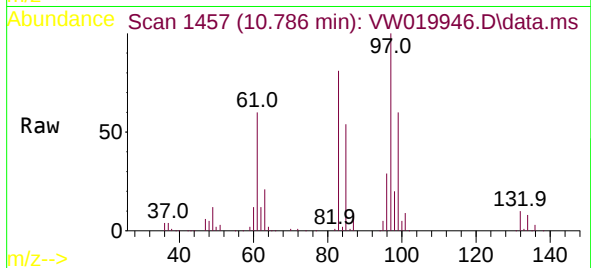




#45
1,1,2-Trichloroethane
Concen: 27.425 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

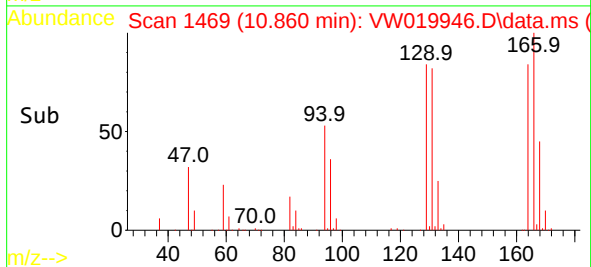
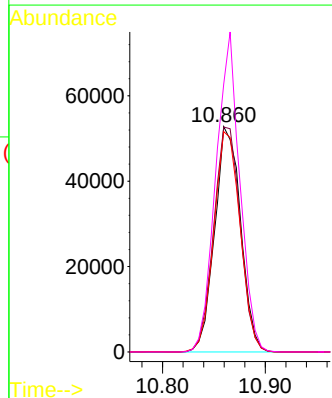
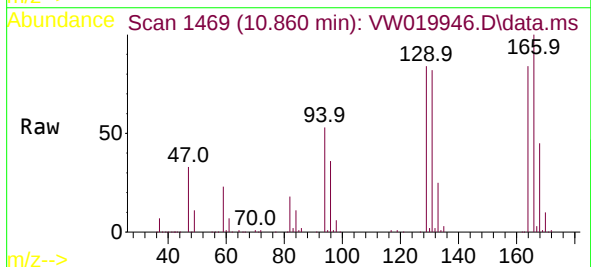
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

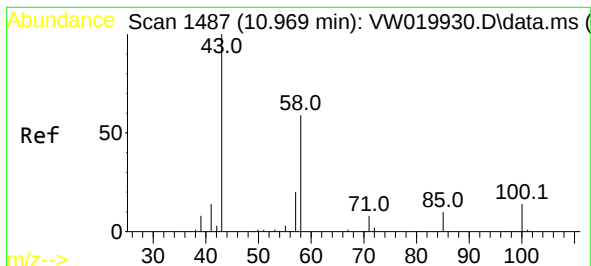
Tgt Ion:	97	Resp:	88204
Ion	Ratio	Lower	Upper
97	100		
99	59.5	45.1	83.7
83	81.4	58.1	107.9
85	54.3	37.3	69.3



#46
Tetrachloroethene
Concen: 26.220 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:	164	Resp:	92616
Ion	Ratio	Lower	Upper
164	100		
129	99.8	66.7	123.9
131	97.8	61.1	113.5
166	118.9	87.0	161.6



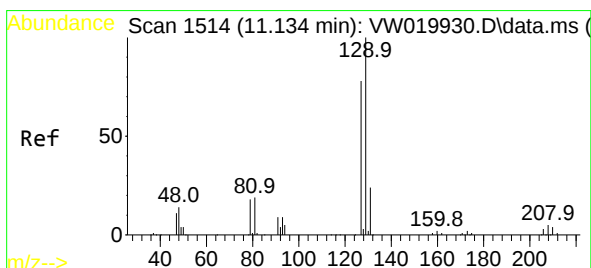
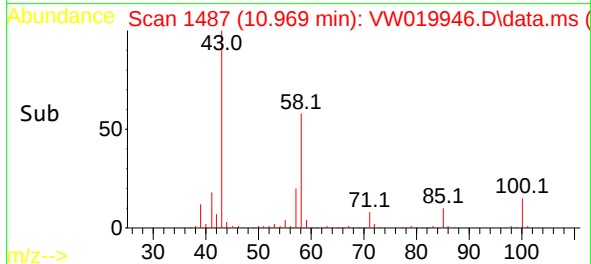
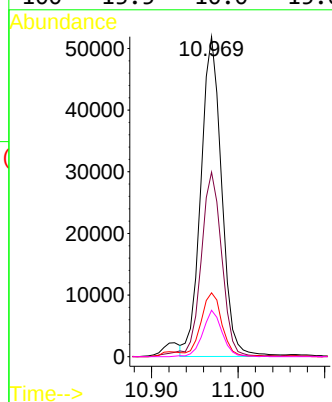
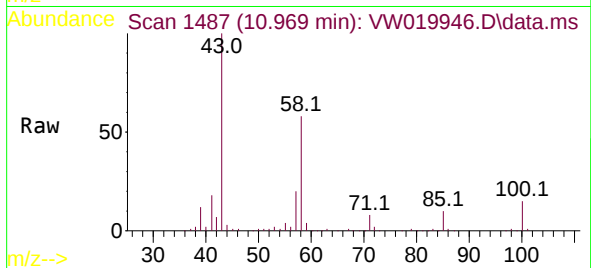


#48
2-Hexanone
Concen: 52.642 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Tgt Ion: 43 Resp: 86565

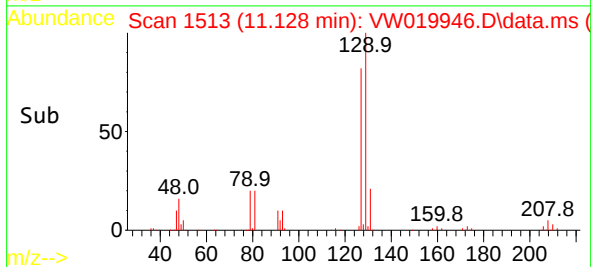
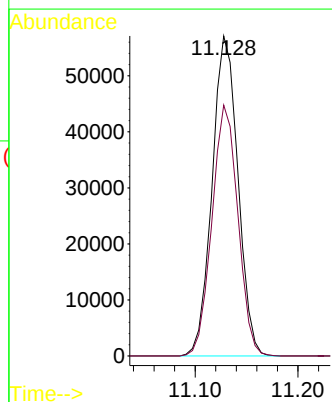
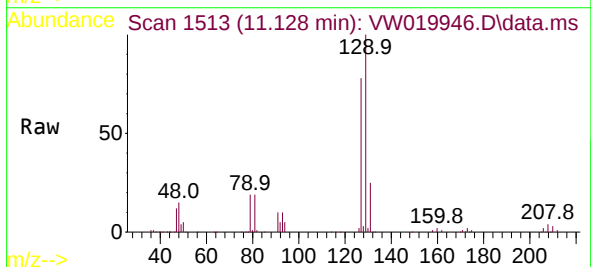
Ion	Ratio	Lower	Upper
43	100		
58	55.9	42.7	64.1
57	20.0	15.8	23.8
100	13.5	10.0	15.0

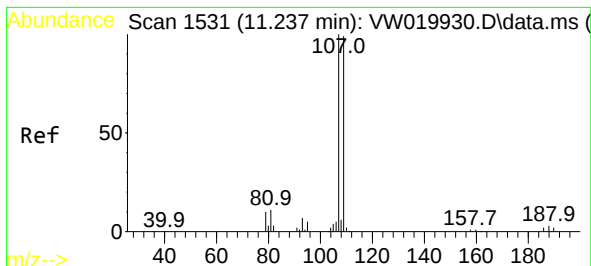


#49
Dibromochloromethane
Concen: 27.080 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 129 Resp: 99626

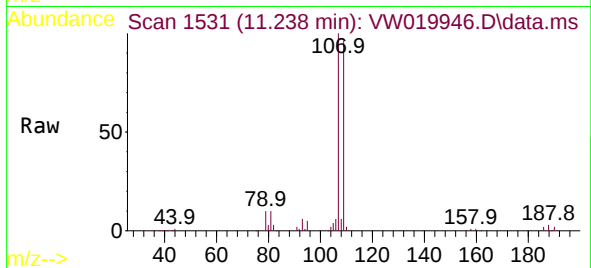
Ion	Ratio	Lower	Upper
129	100		
127	78.4	51.7	95.9



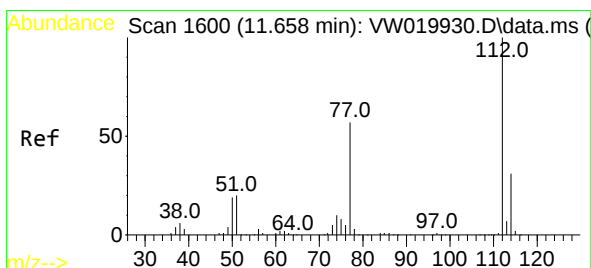
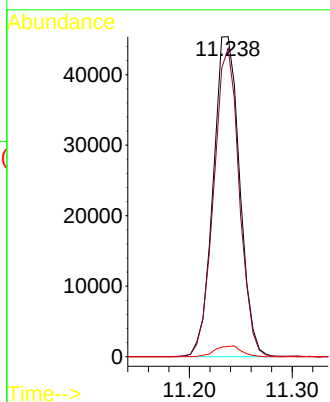
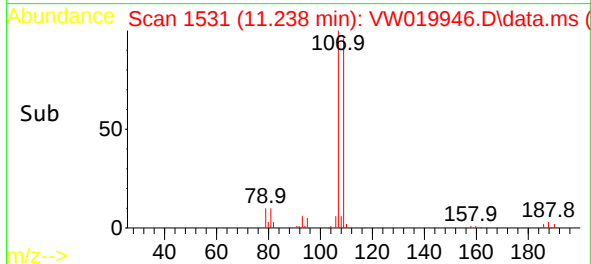


#50
1,2-Dibromoethane
Concen: 26.827 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

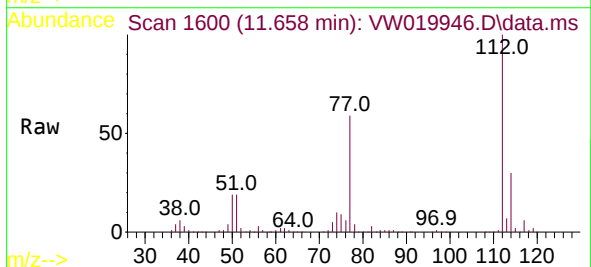
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531



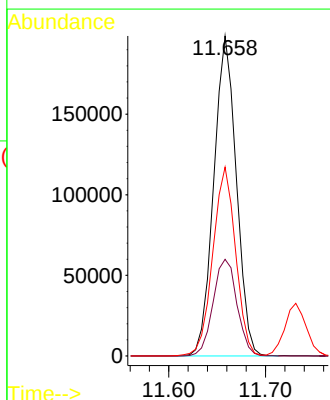
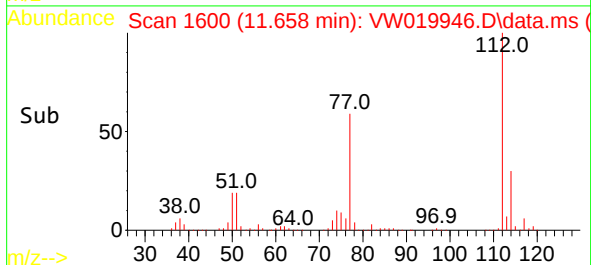
Tgt Ion:107 Resp: 81038
Ion Ratio Lower Upper
107 100
109 96.3 65.4 121.4
188 3.2 2.6 4.0

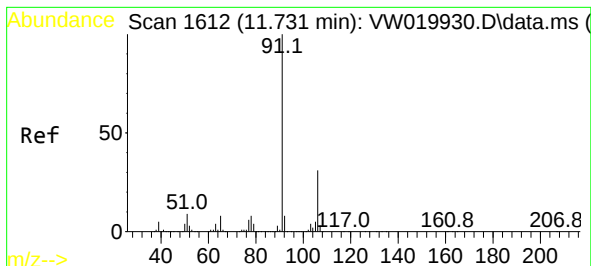


#51
Chlorobenzene
Concen: 26.657 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25



Tgt Ion:112 Resp: 321706
Ion Ratio Lower Upper
112 100
114 30.2 23.4 43.6
77 59.0 47.6 71.4

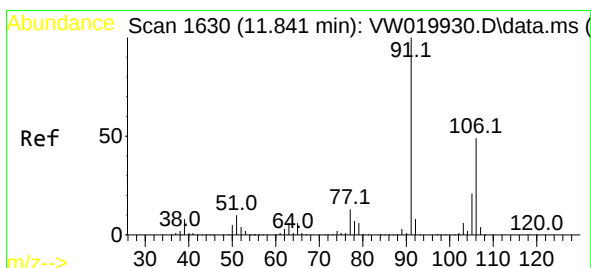
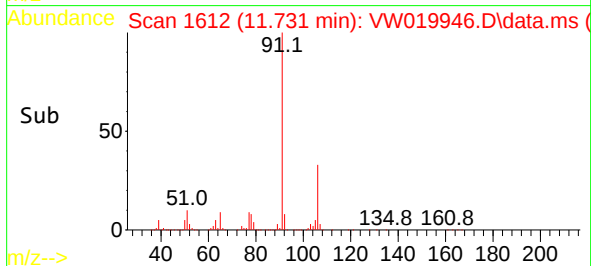
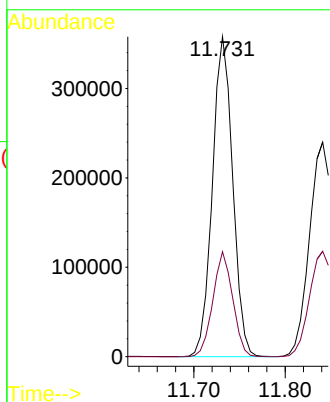
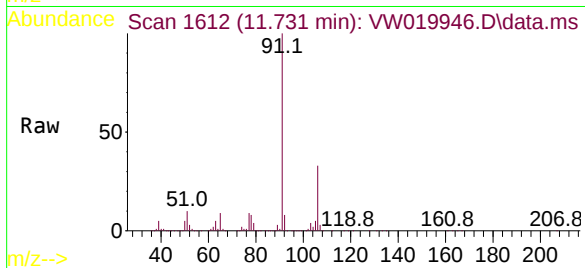




#52
Ethylbenzene
Concen: 27.055 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

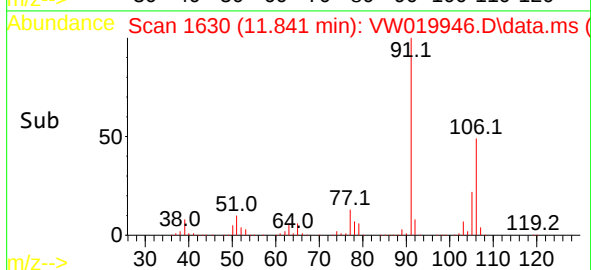
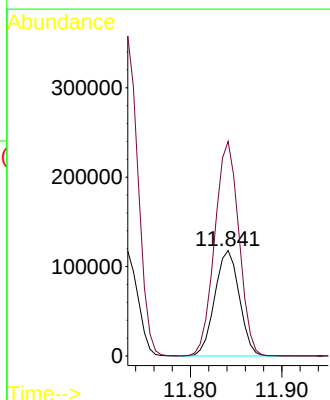
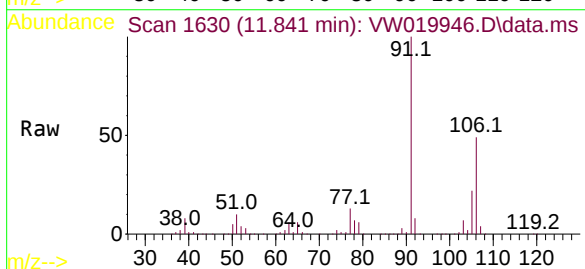
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

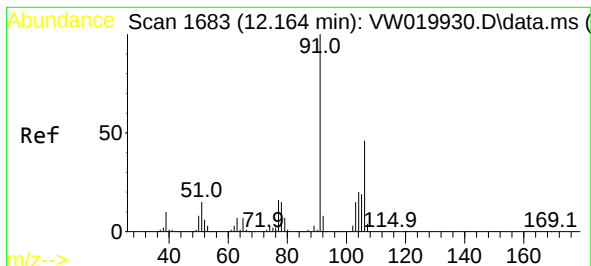
Tgt Ion: 91 Resp: 553456
Ion Ratio Lower Upper
91 100
106 32.8 22.5 41.7



#53
m,p-Xylene
Concen: 28.030 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion: 106 Resp: 220200
Ion Ratio Lower Upper
106 100
91 203.5 141.3 262.3

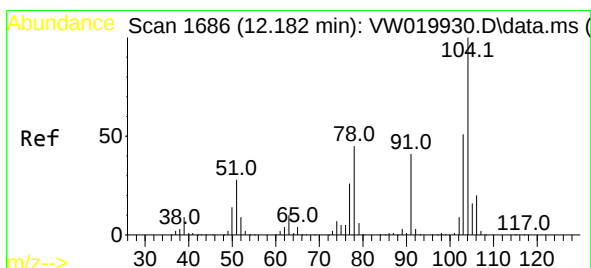
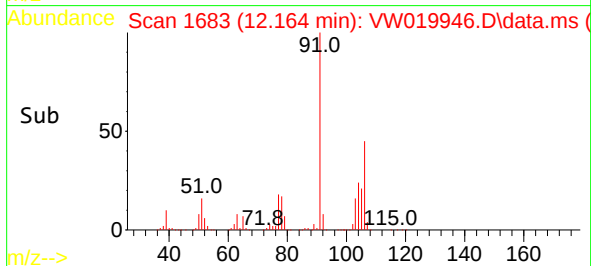
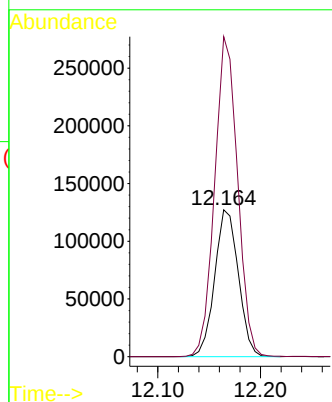
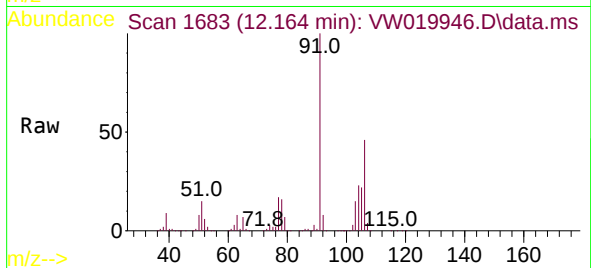




#54
o-Xylene
Concen: 27.359 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

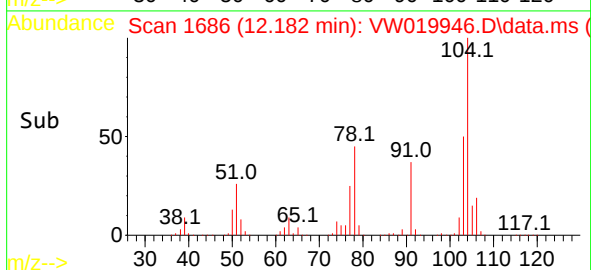
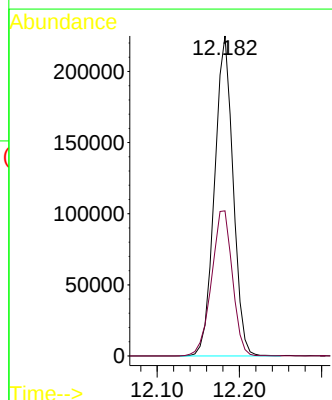
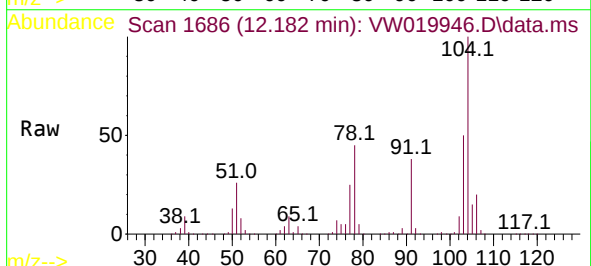
Instrument :
MSVOA_W
ClientSampled :
VSTD025531

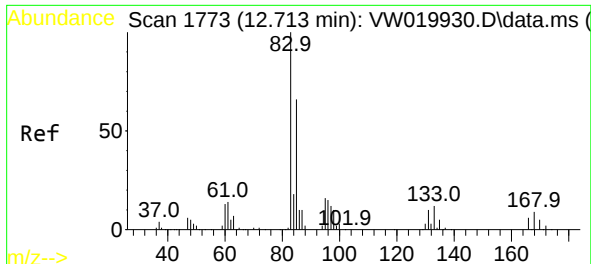
Tgt Ion:106 Resp: 203312
Ion Ratio Lower Upper
106 100
91 217.8 150.0 278.6



#55
Styrene
Concen: 27.768 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:104 Resp: 352585
Ion Ratio Lower Upper
104 100
78 45.4 32.5 60.3

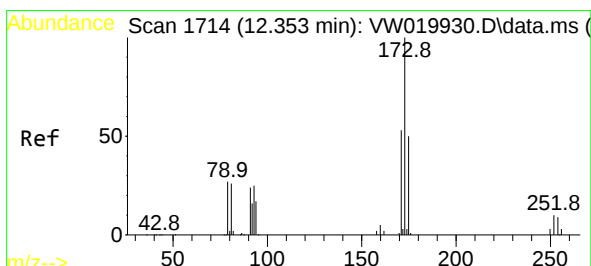
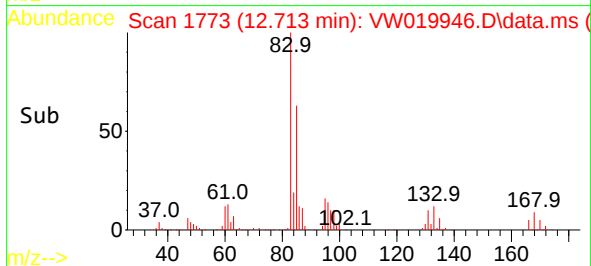
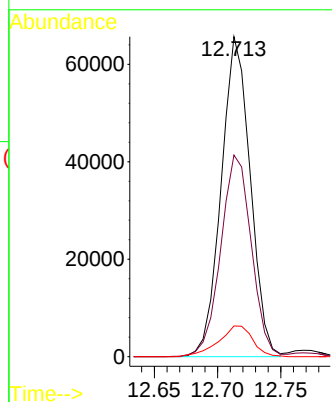
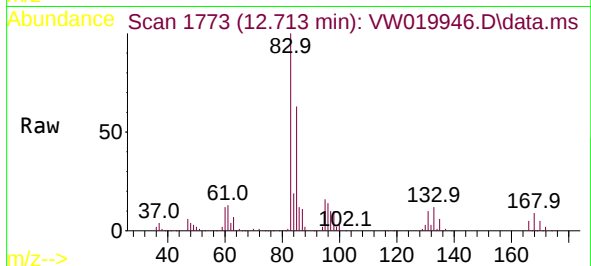




#57
1,1,2,2-Tetrachloroethane
Concen: 26.590 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

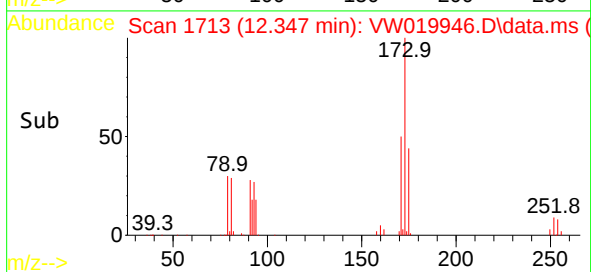
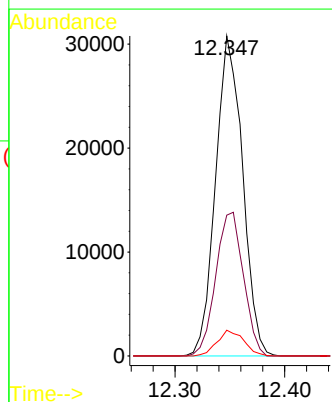
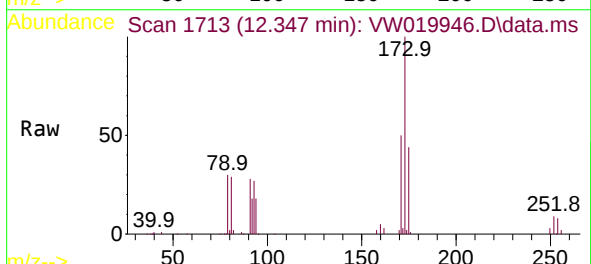
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

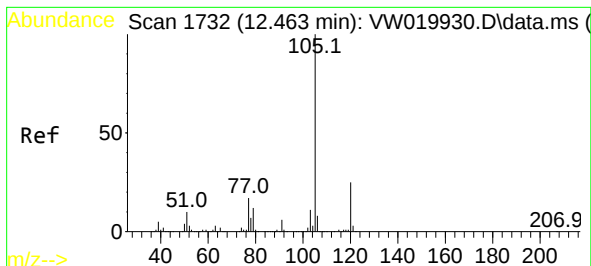
Tgt Ion: 83 Resp: 104871
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
131 9.6 8.2 12.4



#59
Bromoform
Concen: 26.690 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

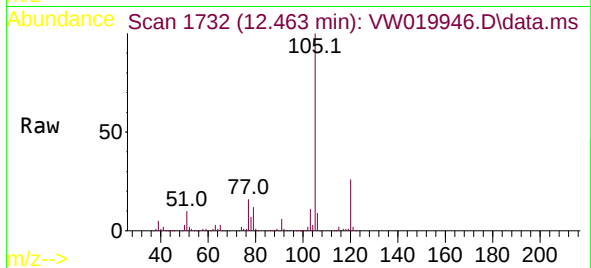
Tgt Ion: 173 Resp: 52741
Ion Ratio Lower Upper
173 100
175 45.9 37.5 56.3
254 8.0 7.0 10.4



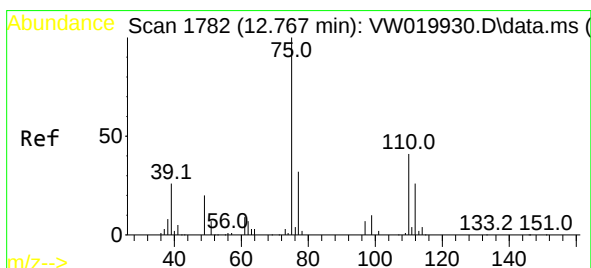
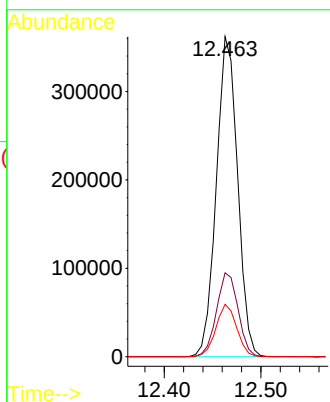
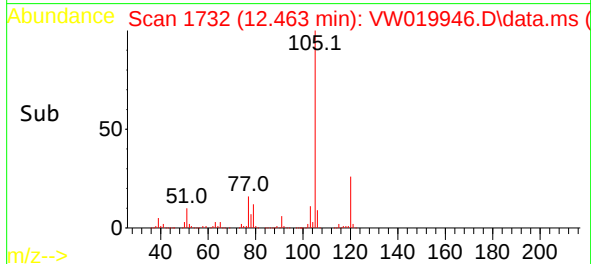


#60
Isopropylbenzene
Concen: 27.371 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

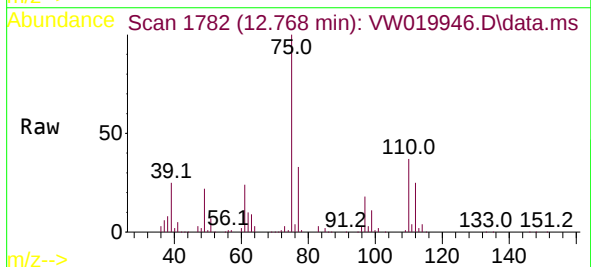
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531



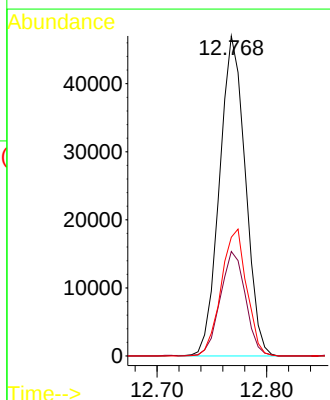
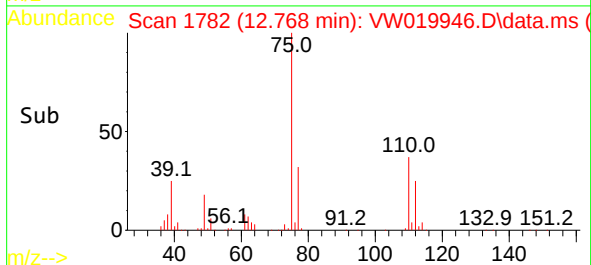
Tgt Ion:105 Resp: 551978
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.0 13.2 19.8

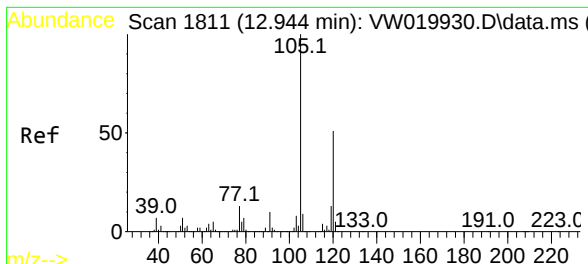


#61
1,2,3-Trichloropropane
Concen: 26.388 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25



Tgt Ion: 75 Resp: 77002
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 39.0 32.6 48.8

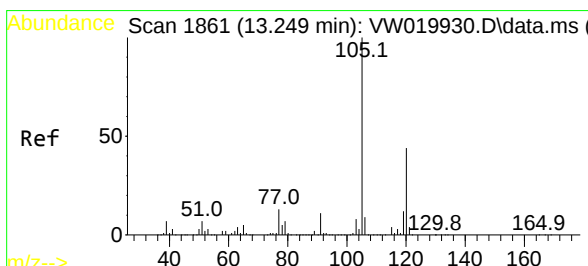
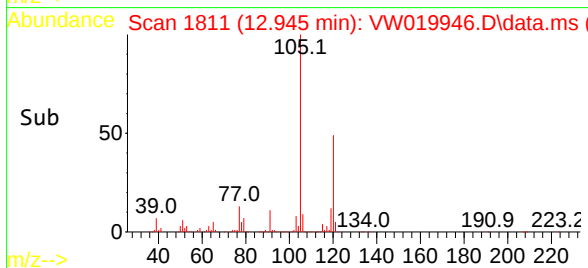
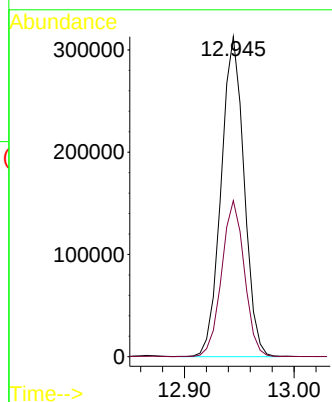
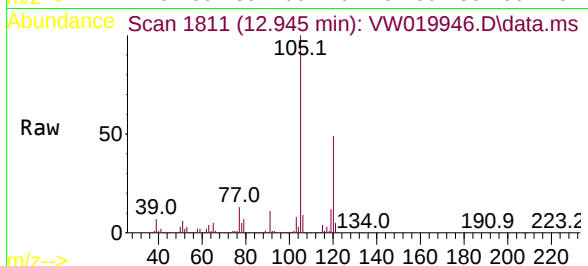




#62
1,3,5-Trimethylbenzene
Concen: 28.340 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

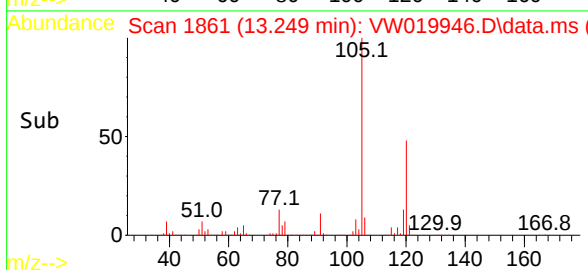
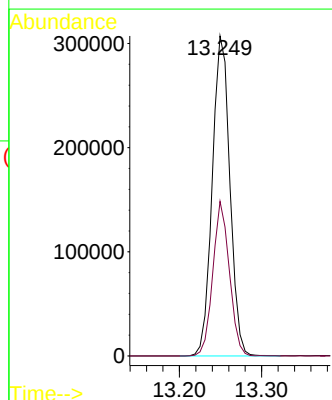
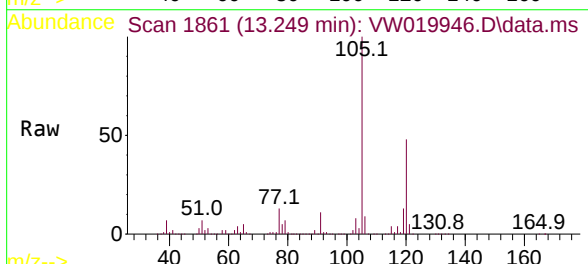
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

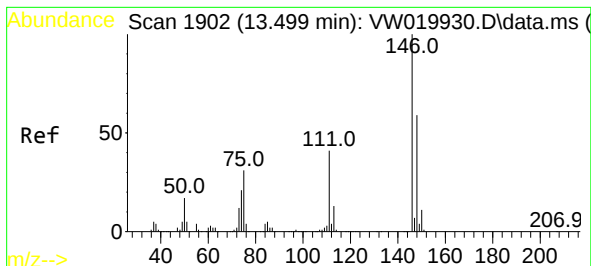
Tgt Ion:105 Resp: 456158
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 28.016 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:105 Resp: 457092
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4

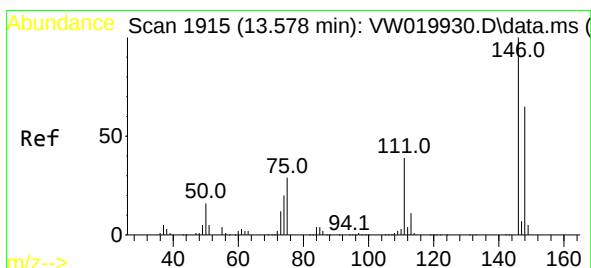
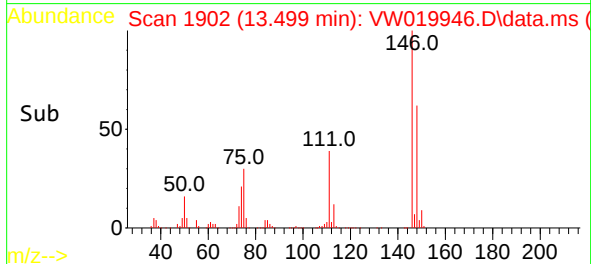
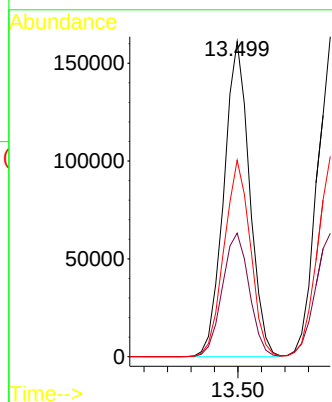
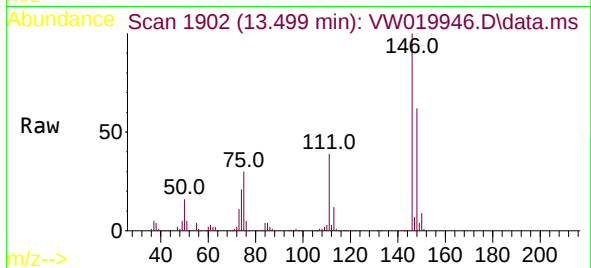




#64
1,3-Dichlorobenzene
Concen: 27.173 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

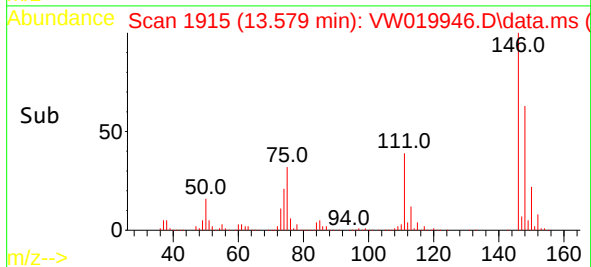
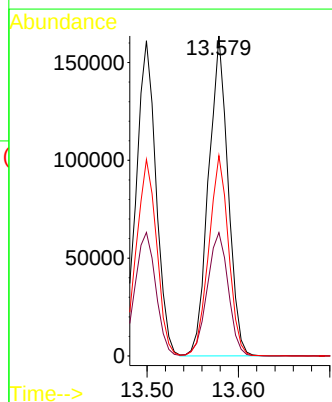
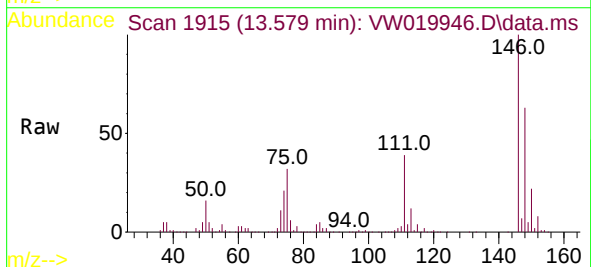
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

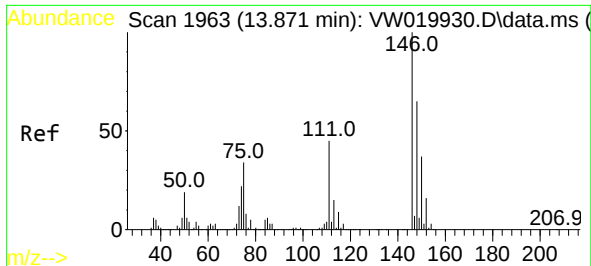
Tgt Ion:146 Resp: 244309
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.7
148 62.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 26.123 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:146 Resp: 241424
Ion Ratio Lower Upper
146 100
111 38.5 28.8 53.4
148 62.6 46.8 87.0

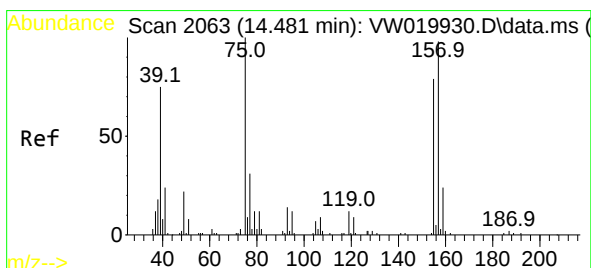
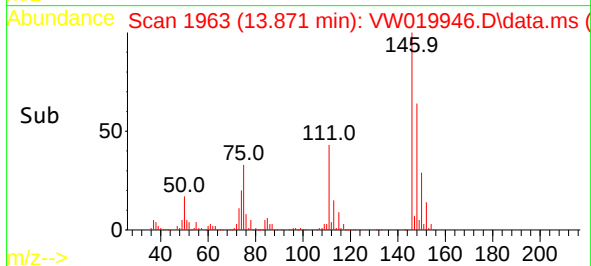
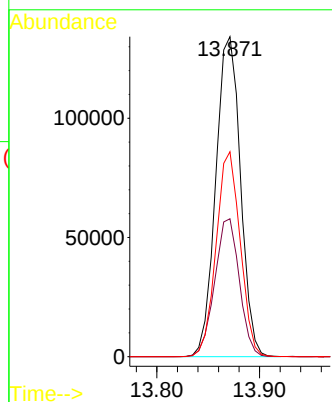
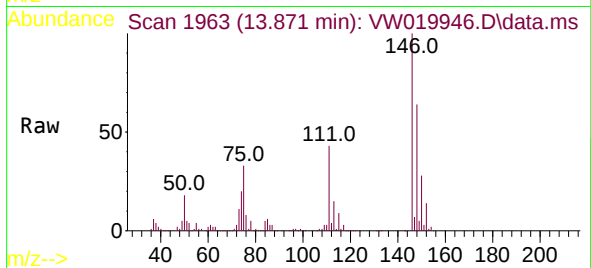




#67
1,2-Dichlorobenzene
Concen: 27.450 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

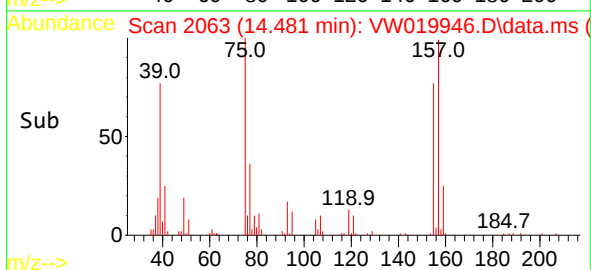
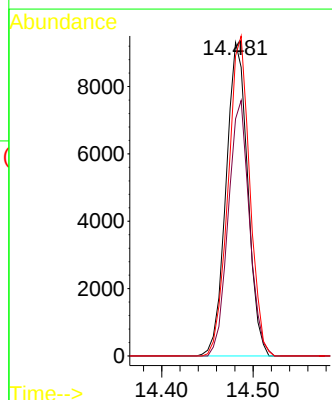
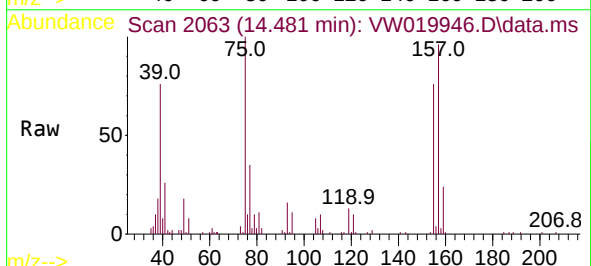
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

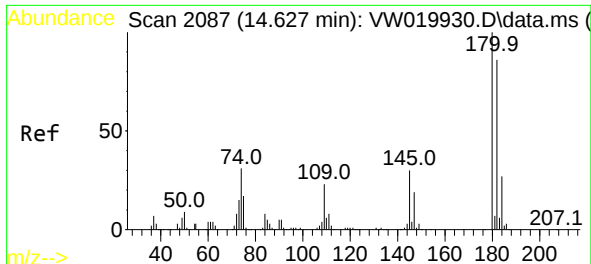
Tgt Ion:146 Resp: 224117
Ion Ratio Lower Upper
146 100
111 43.1 33.2 49.8
148 64.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.075 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

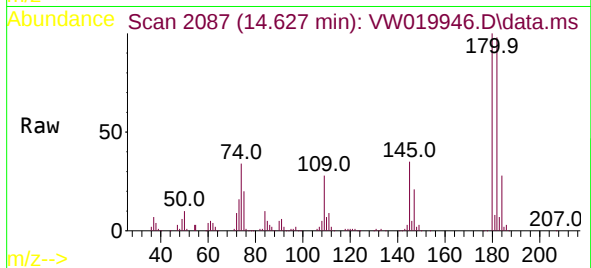
Tgt Ion: 75 Resp: 15315
Ion Ratio Lower Upper
75 100
155 75.7 59.4 89.0
157 95.8 72.2 108.2



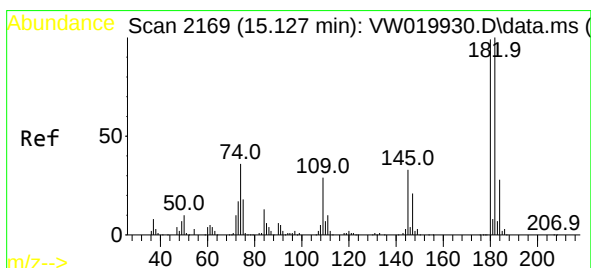
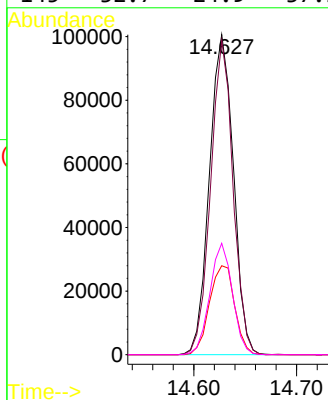
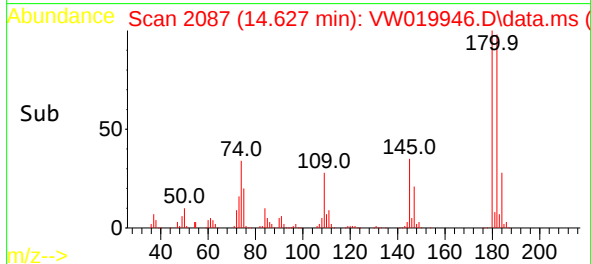


#69
1,3,5-Trichlorobenzene
Concen: 26.278 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

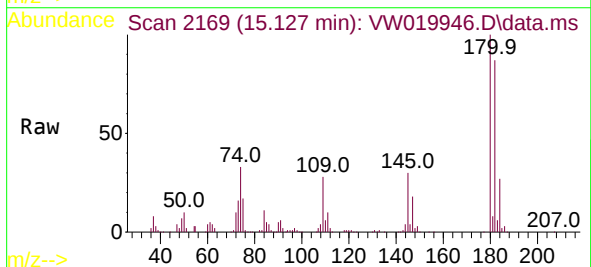
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531



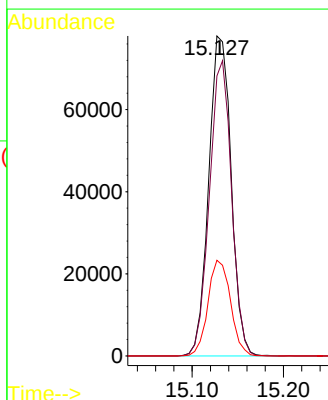
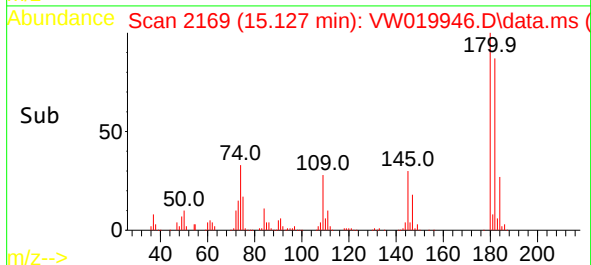
Tgt Ion:180 Resp: 162793
Ion Ratio Lower Upper
180 100
182 91.8 73.4 110.2
184 29.2 23.6 35.4
145 32.7 24.9 37.3

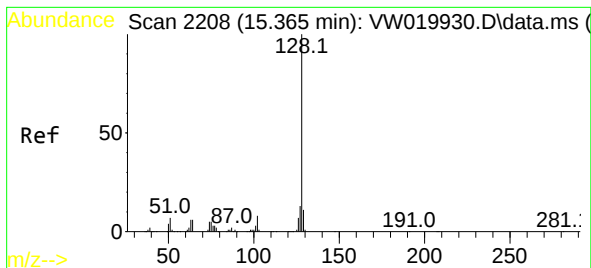


#70
1,2,4-trichlorobenzene
Concen: 27.913 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25



Tgt Ion:180 Resp: 132874
Ion Ratio Lower Upper
180 100
182 90.9 74.7 112.1
145 30.1 25.0 37.4

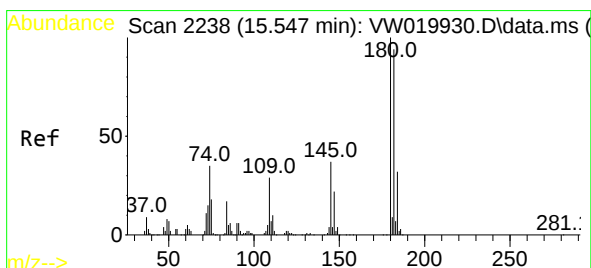
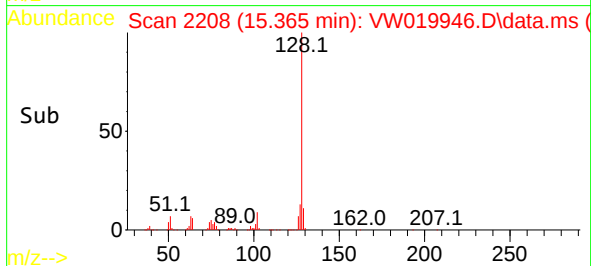
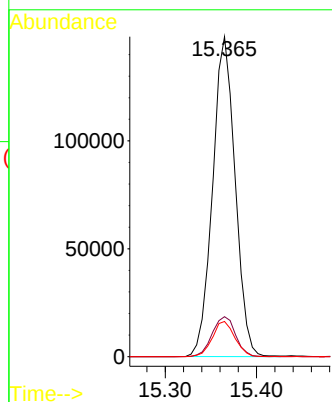
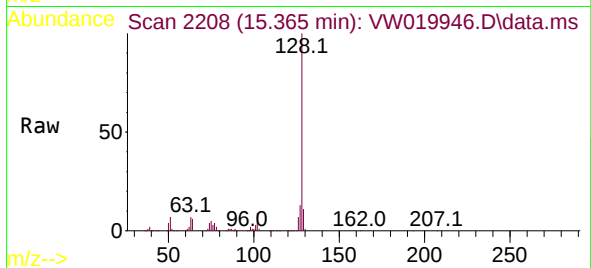




#71
Naphthalene
Concen: 26.732 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Tgt Ion:128 Resp: 253798
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 26.482 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019946.D
Acq: 31 Aug 2021 09:25

Tgt Ion:180 Resp: 116732
Ion Ratio Lower Upper
180 100
182 98.3 76.7 115.1
145 35.5 28.9 43.3

