

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
 Data File : VW020375.D
 Acq On : 07 Oct 2021 21:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Oct 08 07:35:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 05:56:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	269109	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85608	23.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
7) Chloroethane-d5	2.885	69	42341	26.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	4.019	63	176046	23.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.080	46	58074	61.638	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.280%
24) Chloroform-d	7.653	84	187954	24.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	8.305	65	107850	25.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	8.275	84	363623	24.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	9.275	67	118151	25.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.323	98	329181	24.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.840%
43) trans-1,3-Dichloroprop...	10.579	79	49676	25.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.640%
47) 2-Hexanone-d5	10.927	63	41538	63.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	90958	27.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	109616	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	43501	29.508	ug/L	100
3) Chloromethane	2.215	50	80678	22.380	ug/L	99
5) Vinyl chloride	2.361	62	112368	22.916	ug/L	99
6) Bromomethane	2.776	94	46044	24.262	ug/L	95
8) Chloroethane	2.922	64	37064	25.284	ug/L	97
9) Trichlorofluoromethane	2.357	101	56866	22.384	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	92471	23.349	ug/L	98
12) 1,1-Dichloroethene	4.038	96	88258	23.570	ug/L	93
13) Acetone	4.123	43	48949	50.536	ug/L	99
14) Carbon disulfide	4.385	76	275456	22.376	ug/L	99
15) Methyl Acetate	4.678	43	48000	27.115	ug/L	97
16) Methylene chloride	4.916	84	105696	21.995	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	92729	23.655	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	137042	27.038	ug/L	99
19) 1,1-Dichloroethane	6.220	63	186813	23.961	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	98825	24.652	ug/L	98
22) 2-Butanone	7.171	43	66040	55.456	ug/L	100
23) Bromochloromethane	7.519	128	43054	25.359	ug/L	96
25) Chloroform	7.683	83	178647	23.959	ug/L	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	126732	25.444	ug/L	98
29) Cyclohexane	7.958	56	176434	24.183	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	141093	23.970	ug/L	99
31) Carbon tetrachloride	8.067	117	121318	23.610	ug/L	99
33) Benzene	8.323	78	409720	24.008	ug/L	100
34) Trichloroethene	9.092	95	99431	23.685	ug/L	98
35) Methylcyclohexane	9.336	83	173683	23.717	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105283	24.763	ug/L	99
38) Bromodichloromethane	9.646	83	127258	24.566	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155546	25.867	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	137698	59.290	ug/L	100
42) Toluene	10.390	91	423558	24.678	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	136539	26.218	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69794	25.949	ug/L	99
46) Tetrachloroethene	10.860	164	71015	22.984	ug/L	93
48) 2-Hexanone	10.969	43	99338	58.632	ug/L	97
49) Dibromochloromethane	11.128	129	77298	25.610	ug/L	98
50) 1,2-Dibromoethane	11.238	107	66382	26.840	ug/L	99
51) Chlorobenzene	11.658	112	249547	23.971	ug/L	99
52) Ethylbenzene	11.731	91	459854	24.542	ug/L	99
53) m,p-Xylene	11.841	106	172734	24.954	ug/L	97
54) o-Xylene	12.164	106	161675	24.941	ug/L	99
55) Styrene	12.183	104	287956	25.811	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	86503	27.051	ug/L	97
59) Bromoform	12.347	173	41679	25.107	ug/L	98
60) Isopropylbenzene	12.463	105	441120	23.916	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65912	26.764	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	372992	24.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	379724	25.460	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	184505	23.781	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	184092	23.505	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	174805	25.270	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14237	27.238	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	129651	23.524	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	105432	24.527	ug/L	99
71) Naphthalene	15.365	128	212426	28.369	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	95492	25.432	ug/L	100

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

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VSTD025568

Abundance

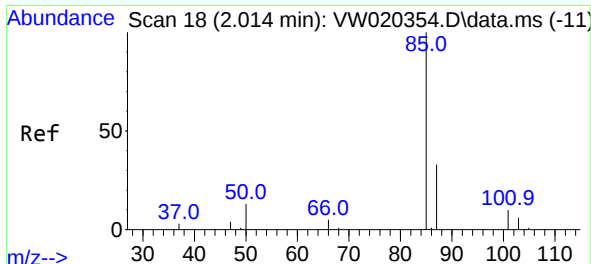
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1150000
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950000
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850000
800000
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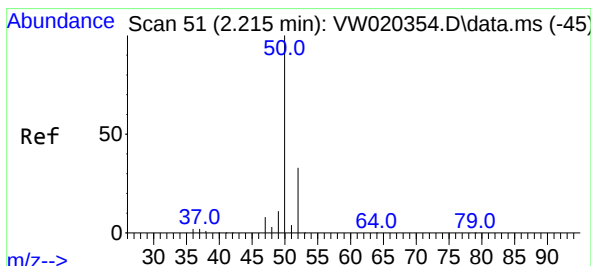
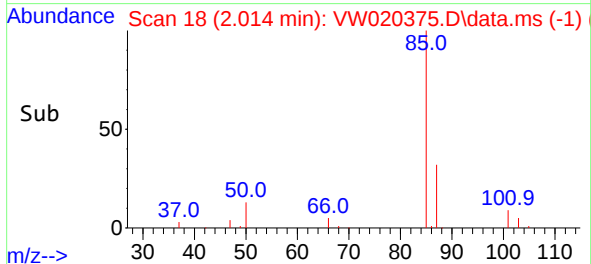
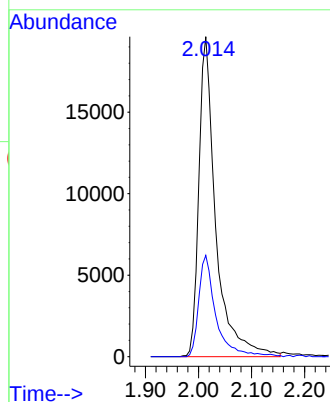
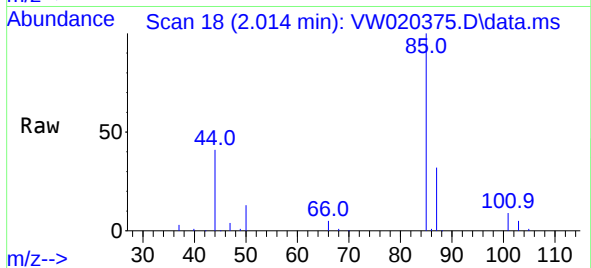
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Chloromethane, T
Vinyl chloride, d3, S
Bromomethane, T
Chloroethane, d5, S
Trichlorofluoromethane, T
Acetone, T
1,1-Dichloroethane, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
Methyl tert-butyl ether, T
1,1-Dichloroethane, T
2-Butanone, d5, S
2-Sulfatane, T
Bromochloromethane, T
Chloroform, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Benzene, d6, S
1,2-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, T
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, d8, S
trans-1,3-Dichloropropene, d4, S
3,3-Dichloropropene, T
1,1,2-Trichloroethane, T
2-Hexanone, d5, S
Dibromochloromethane, T
1,2-Dibromochloroethane, I
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, T
Styrene, T
Isopropylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene, d4, I
1,2,3-Trichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
Naphthalene
1,2,4-trichlorobenzene, T
1,2,3-Trichlorobenzene, T



#2
Dichlorodifluoromethane
Concen: 29.508 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

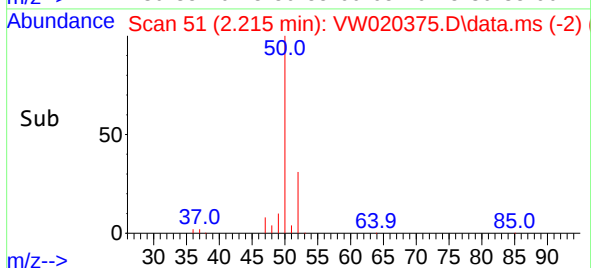
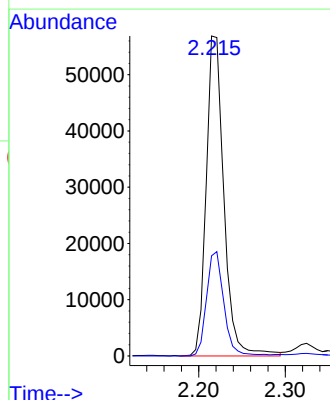
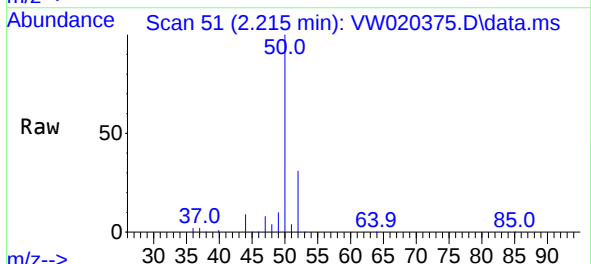
Instrument :
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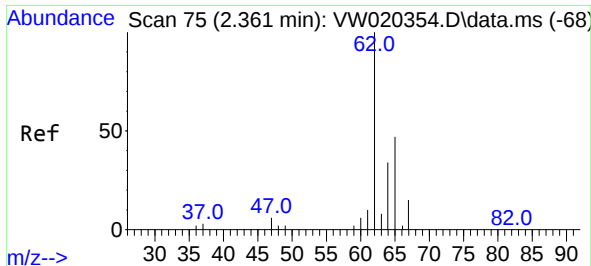
Tgt Ion: 85 Resp: 43501
Ion Ratio Lower Upper
85 100
87 31.4 24.9 37.3



#3
Chloromethane
Concen: 22.380 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 50 Resp: 80678
Ion Ratio Lower Upper
50 100
52 31.3 21.5 39.9

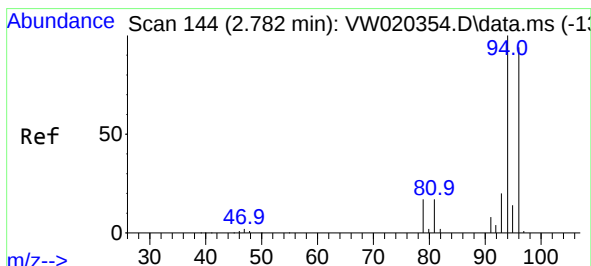
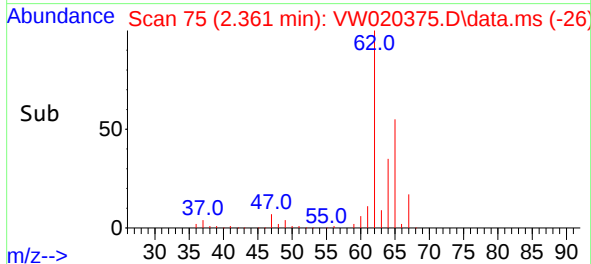
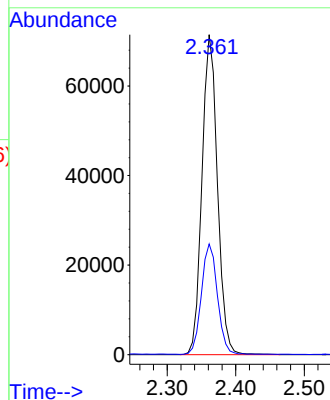
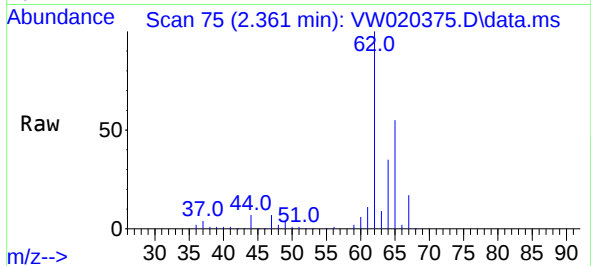




#5
 Vinyl chloride
 Concen: 22.916 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020375.D
 Acq: 07 Oct 2021 21:00

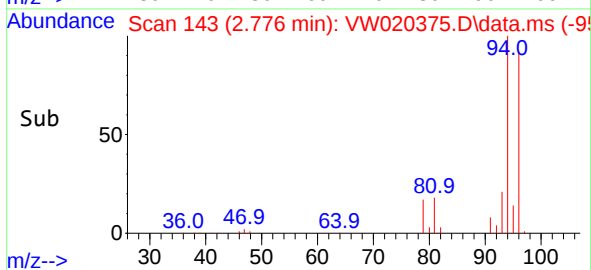
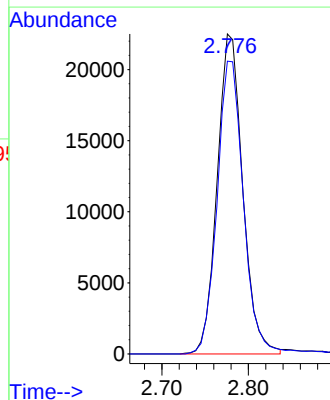
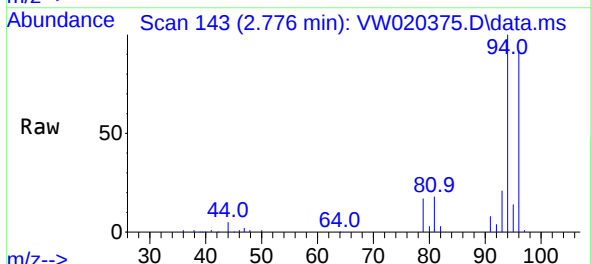
Instrument :
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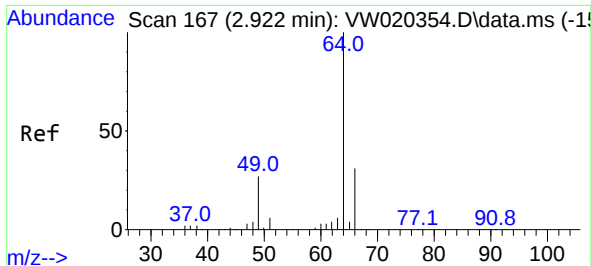
Tgt Ion: 62 Resp: 112368
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.6 45.6



#6
 Bromomethane
 Concen: 24.262 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW020375.D
 Acq: 07 Oct 2021 21:00

Tgt Ion: 94 Resp: 46044
 Ion Ratio Lower Upper
 94 100
 96 91.5 67.8 126.0





#8

Chloroethane

Concen: 25.284 ug/L

RT: 2.922 min Scan# 167

Delta R.T. 0.000 min

Lab File: VW020375.D

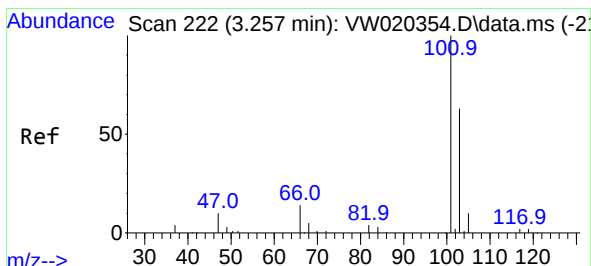
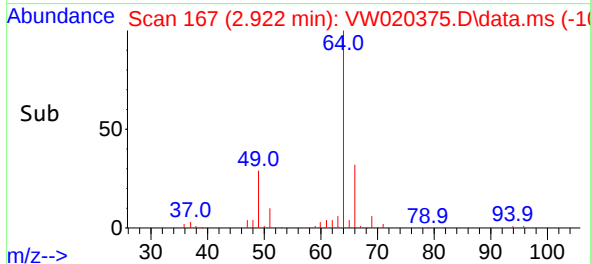
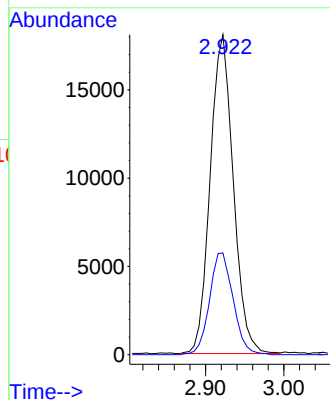
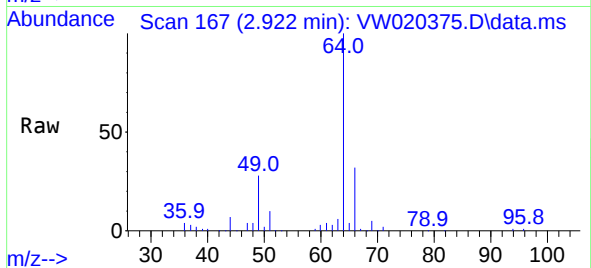
Acq: 07 Oct 2021 21:00

Tgt Ion: 64 Resp: 37064

Ion Ratio Lower Upper

64 100

66 31.8 21.2 39.4



#9

Trichlorofluoromethane

Concen: 22.384 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW020375.D

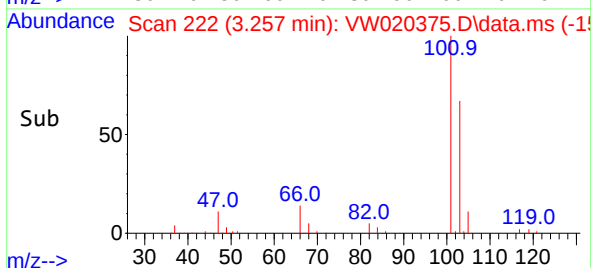
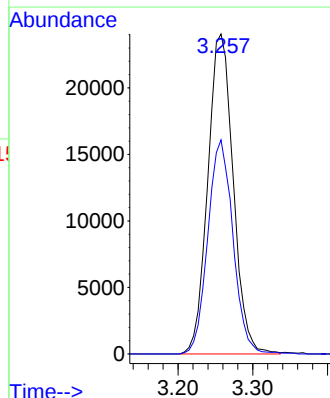
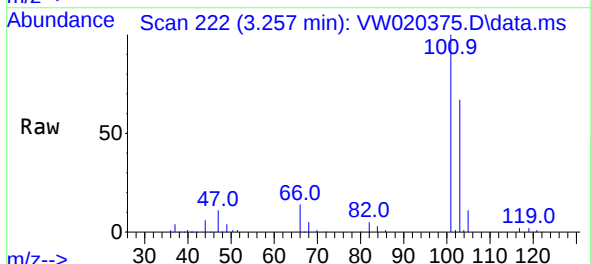
Acq: 07 Oct 2021 21:00

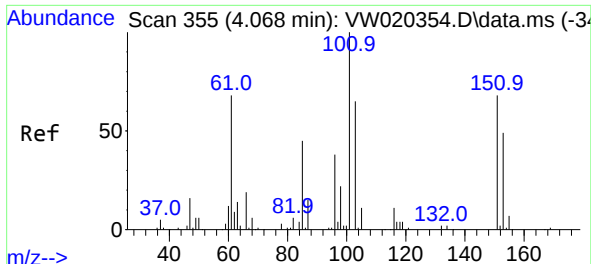
Tgt Ion: 101 Resp: 56866

Ion Ratio Lower Upper

101 100

103 66.0 52.2 78.4



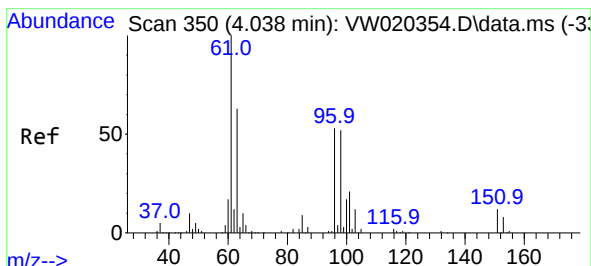
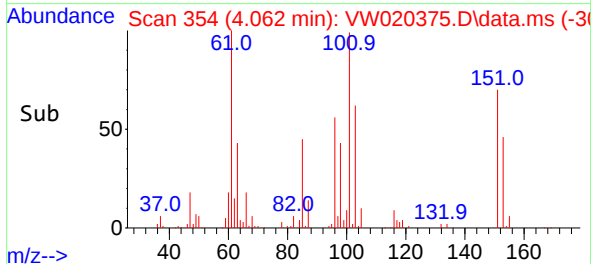
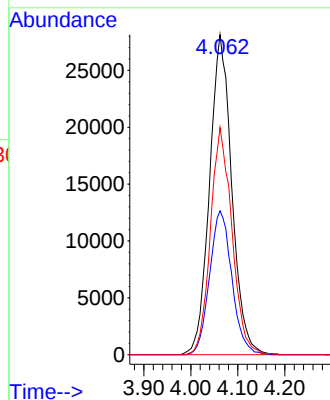
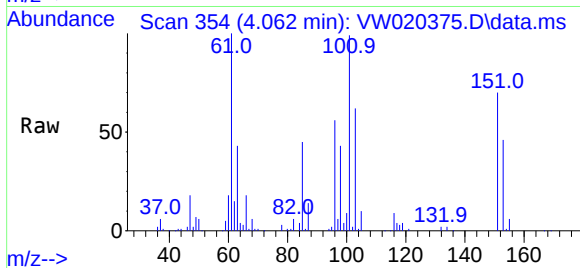


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.349 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:101 Resp: 92471

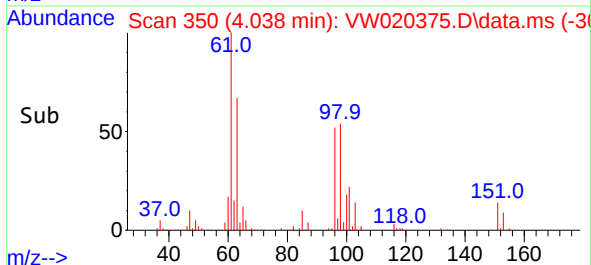
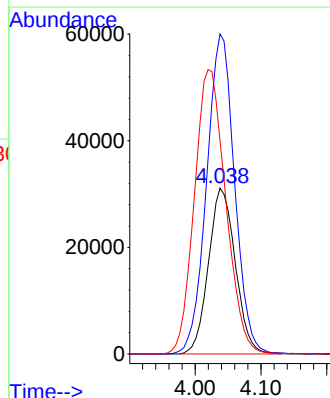
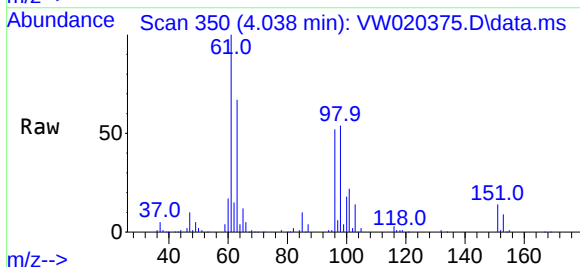
Ion	Ratio	Lower	Upper
101	100		
85	45.1	36.3	54.5
151	68.8	56.5	84.7

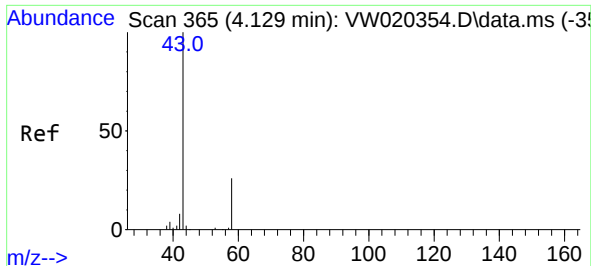


#12
1,1-Dichloroethene
Concen: 23.570 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 96 Resp: 88258

Ion	Ratio	Lower	Upper
96	100		
61	192.9	133.9	248.7
63	128.3	77.3	143.7

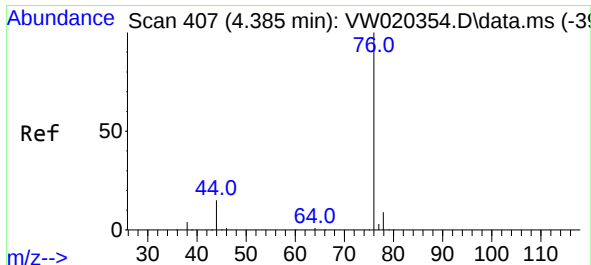
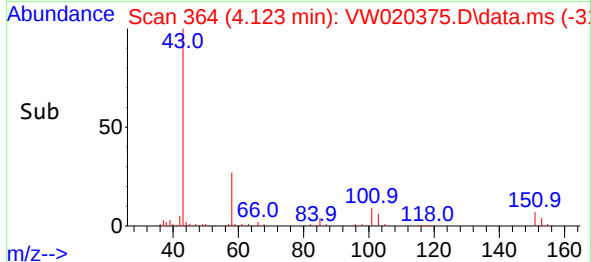
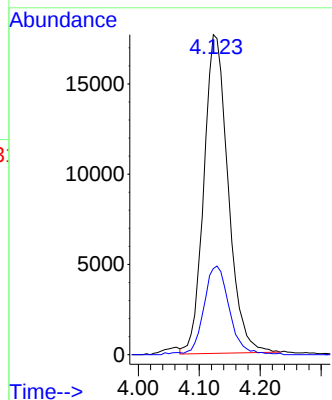
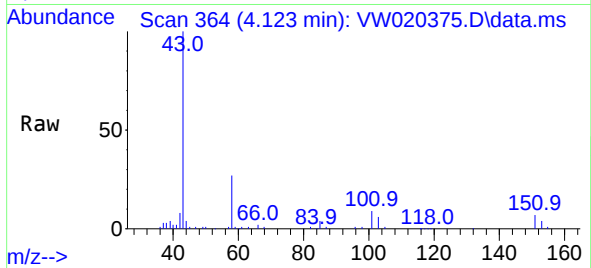




#13
Acetone
Concen: 50.536 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

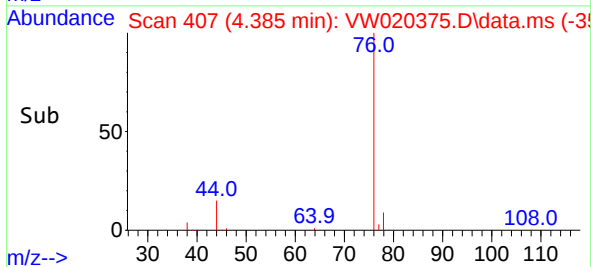
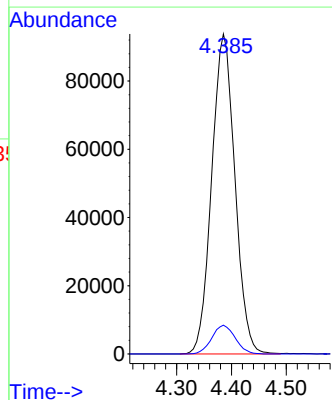
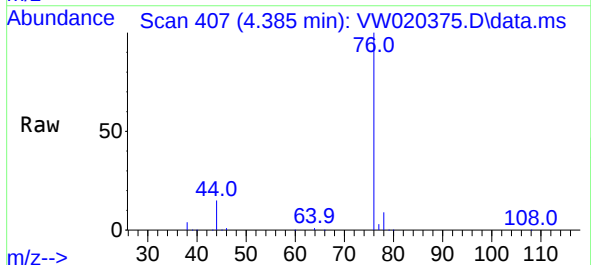
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

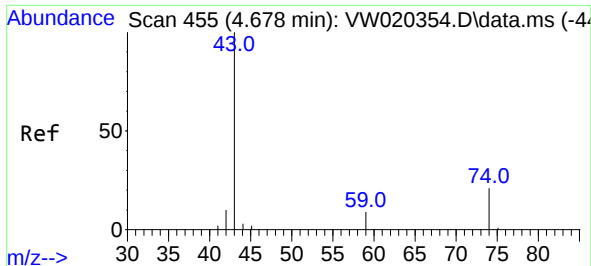
Tgt Ion: 43 Resp: 48949
Ion Ratio Lower Upper
43 100
58 28.8 0.0 58.4



#14
Carbon disulfide
Concen: 22.376 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 76 Resp: 275456
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

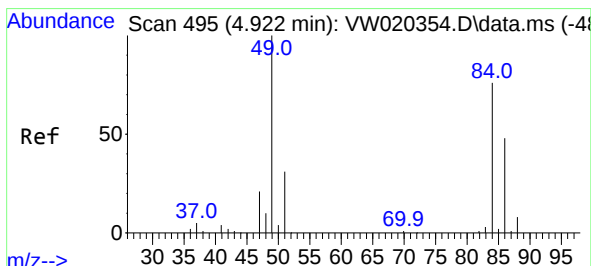
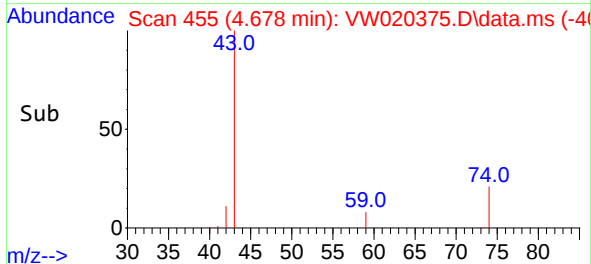
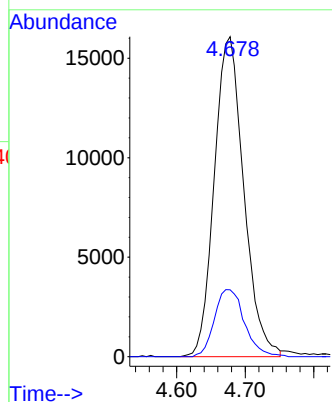
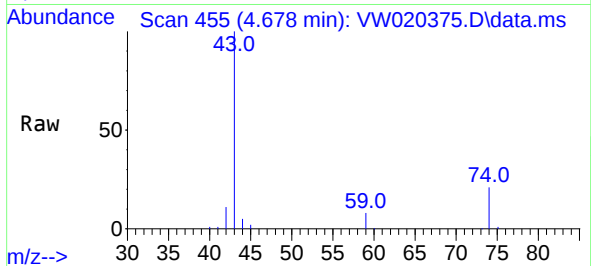




#15
Methyl Acetate
Concen: 27.115 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

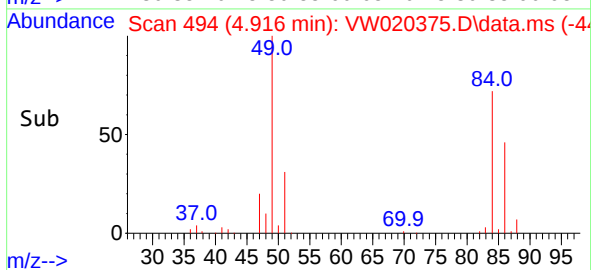
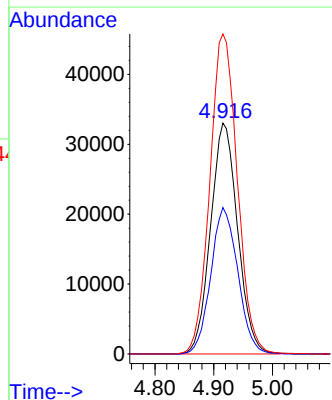
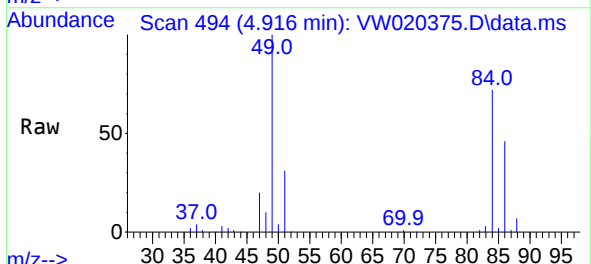
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

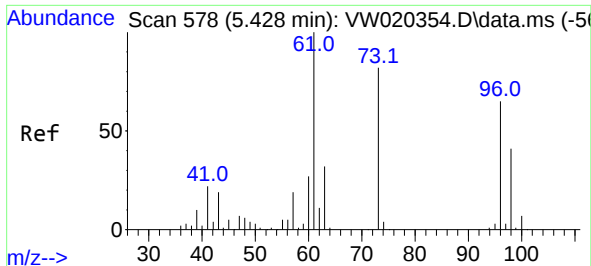
Tgt Ion: 43 Resp: 48000
Ion Ratio Lower Upper
43 100
74 21.4 16.1 24.1



#16
Methylene chloride
Concen: 21.995 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 84 Resp: 105696
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 138.6 101.7 188.9

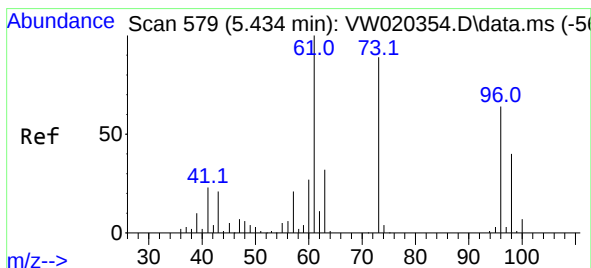
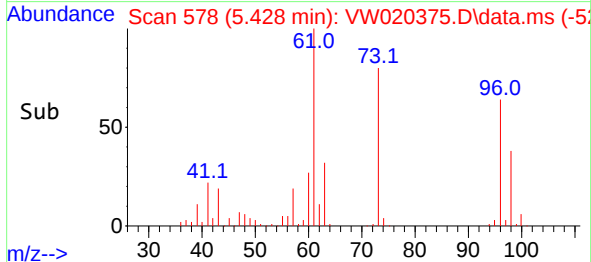
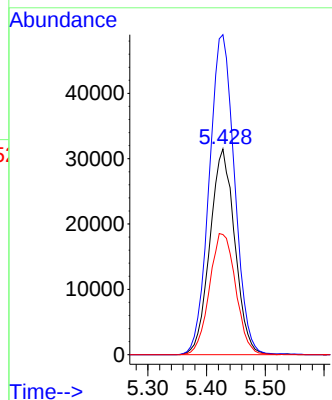
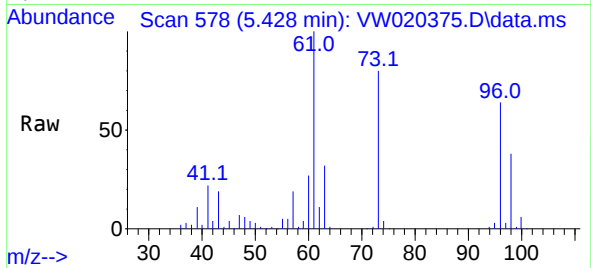




#17
trans-1,2-Dichloroethene
Concen: 23.655 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

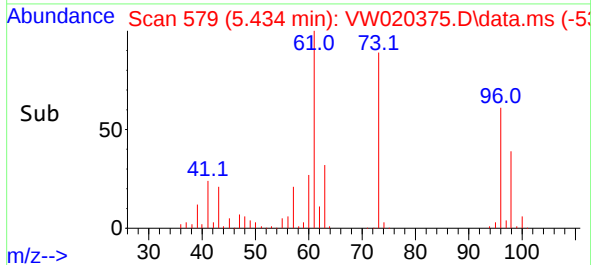
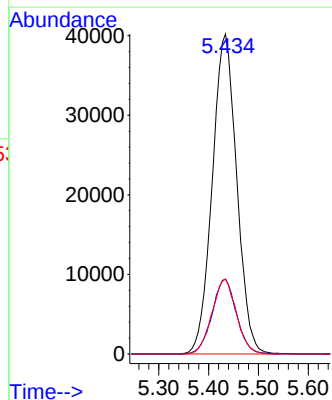
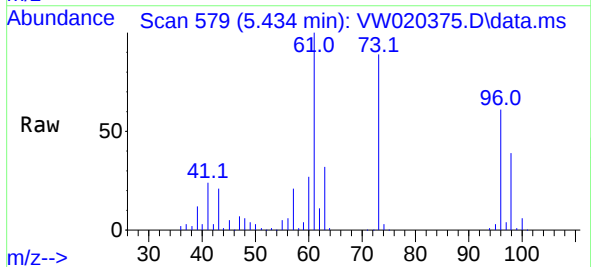
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

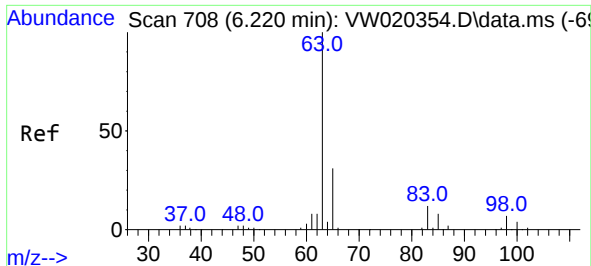
Tgt Ion: 96 Resp: 92729
Ion Ratio Lower Upper
96 100
61 155.5 110.7 205.5
98 58.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 27.038 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 73 Resp: 137042
Ion Ratio Lower Upper
73 100
43 23.3 18.9 28.3
57 23.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.961 ug/L

RT: 6.220 min Scan# 708

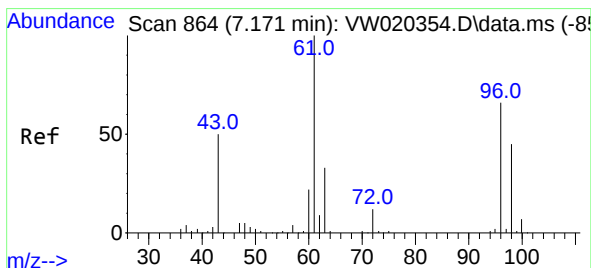
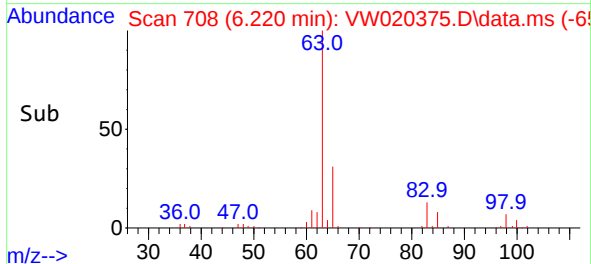
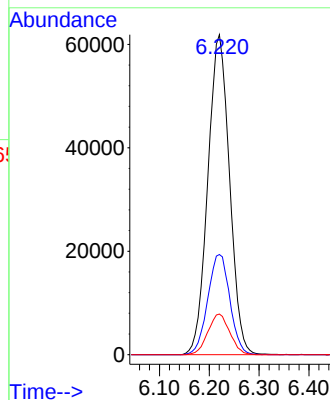
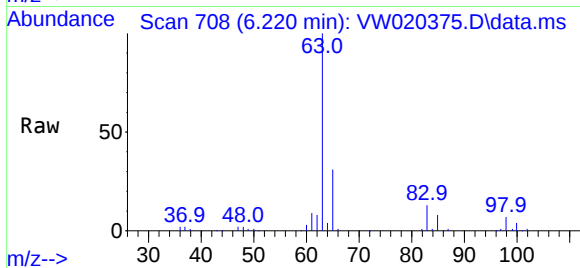
Delta R.T. 0.000 min

Lab File: VW020375.D

Acq: 07 Oct 2021 21:00

Tgt Ion: 63 Resp: 186813

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	12.7	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 24.652 ug/L

RT: 7.171 min Scan# 864

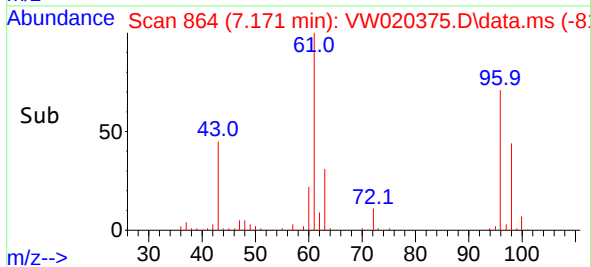
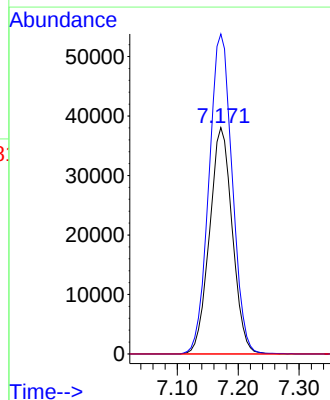
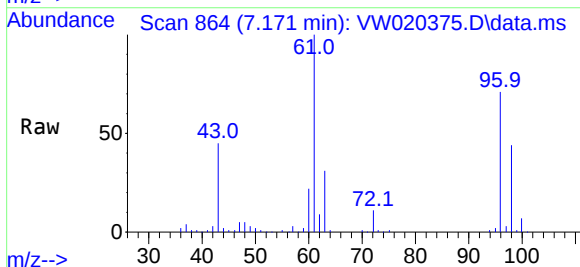
Delta R.T. 0.000 min

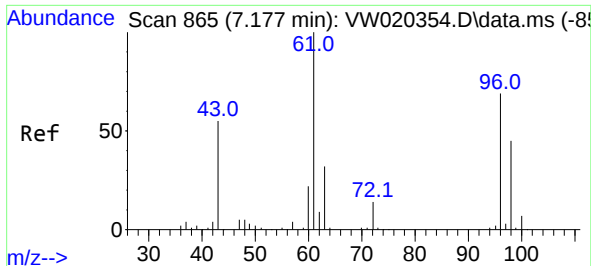
Lab File: VW020375.D

Acq: 07 Oct 2021 21:00

Tgt Ion: 96 Resp: 98825

Ion	Ratio	Lower	Upper
96	100		
61	141.3	100.3	186.3
68	0.0	0.0	0.0

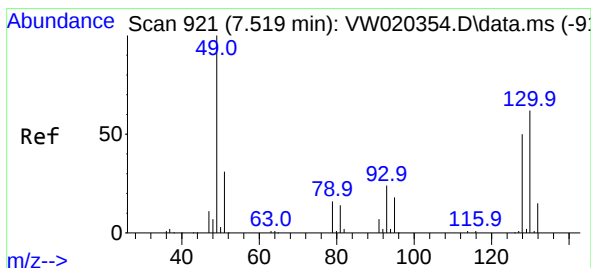
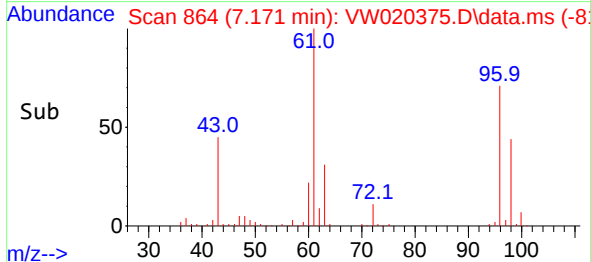
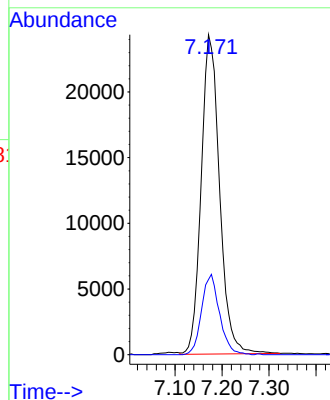
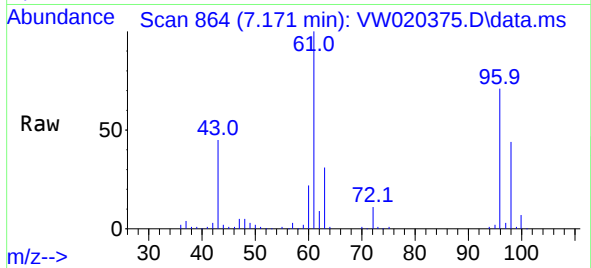




#22
2-Butanone
Concen: 55.456 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

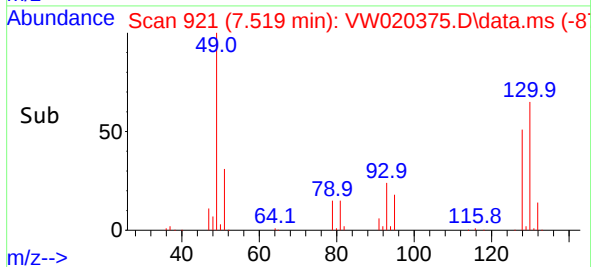
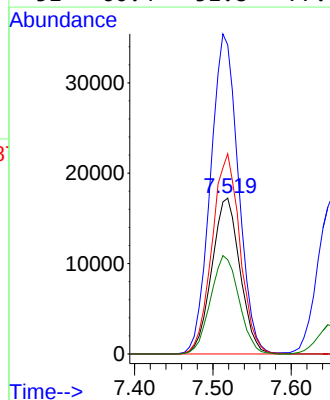
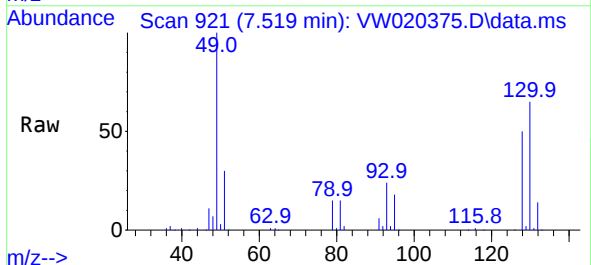
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

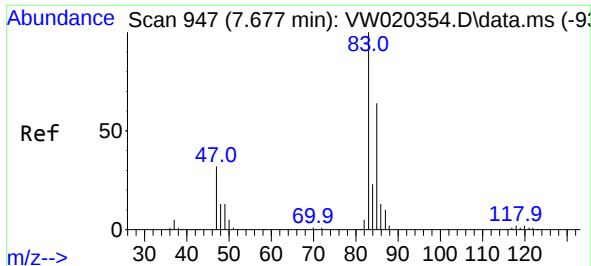
Tgt Ion: 43 Resp: 66040
Ion Ratio Lower Upper
43 100
72 24.5 12.2 36.6



#23
Bromochloromethane
Concen: 25.359 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 128 Resp: 43054
Ion Ratio Lower Upper
128 100
49 198.2 144.1 267.7
130 128.4 89.2 165.6
51 60.4 51.8 77.8

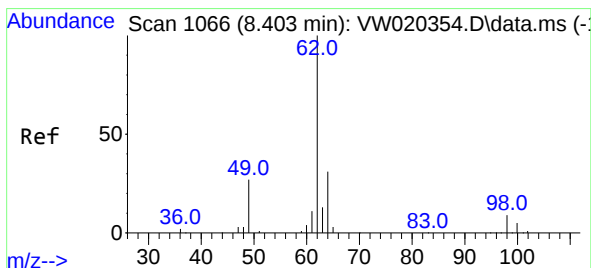
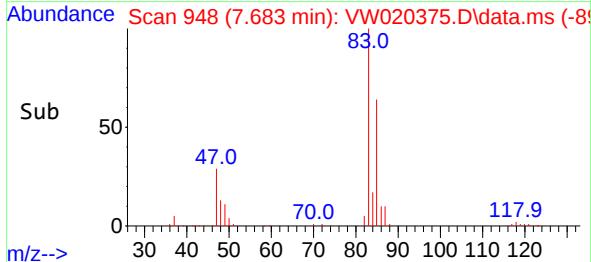
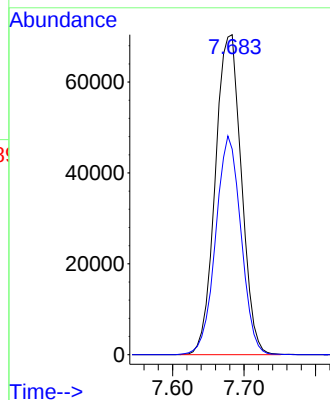
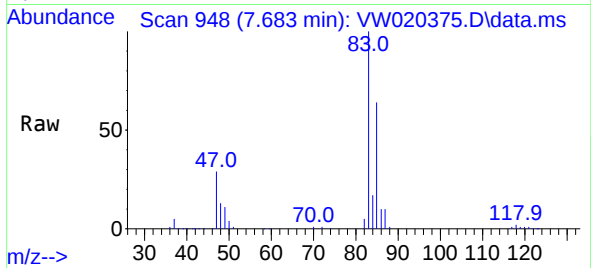




#25
Chloroform
Concen: 23.959 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

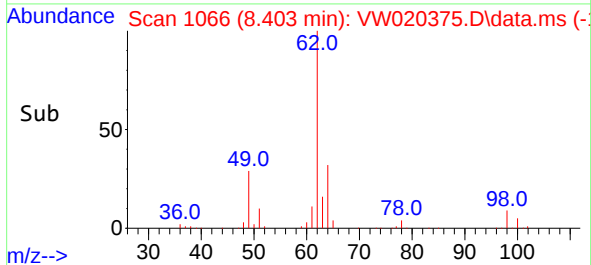
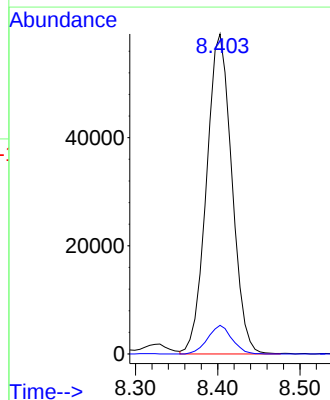
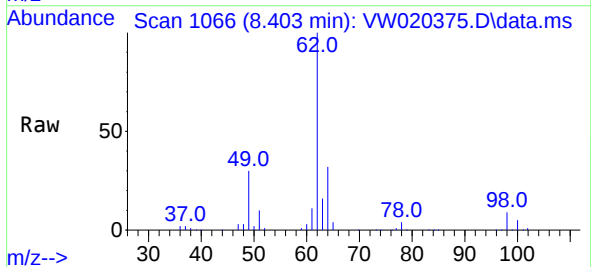
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

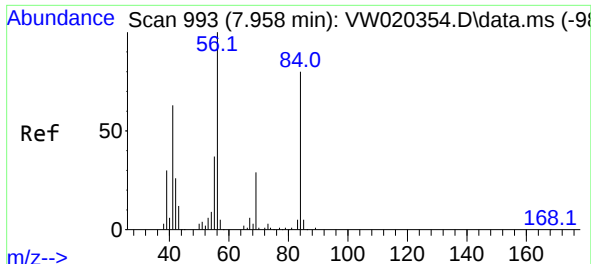
Tgt Ion: 83 Resp: 178647
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.444 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

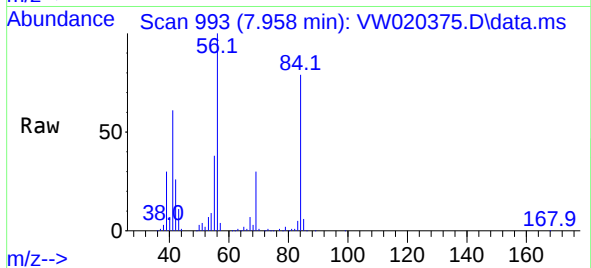
Tgt Ion: 62 Resp: 126732
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0



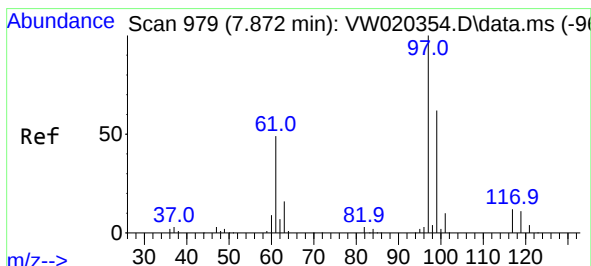
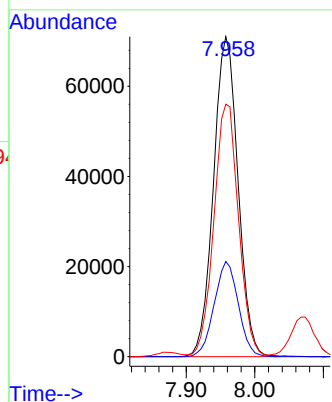
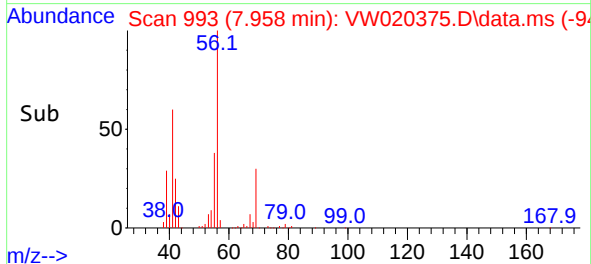


#29
Cyclohexane
Concen: 24.183 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

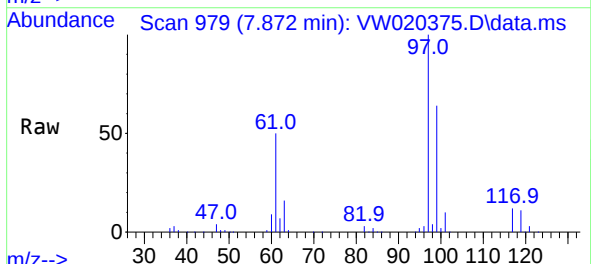
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568



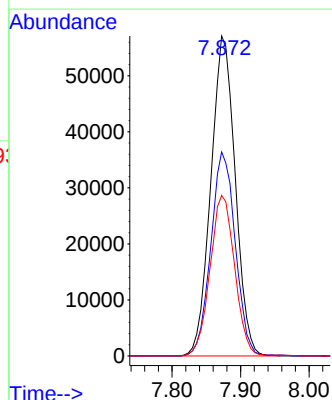
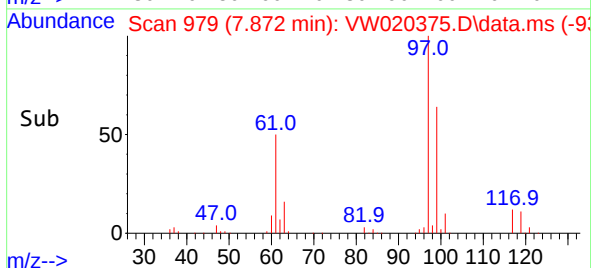
Tgt Ion: 56 Resp: 176434
Ion Ratio Lower Upper
56 100
69 29.2 23.2 34.8
84 79.4 63.7 95.5

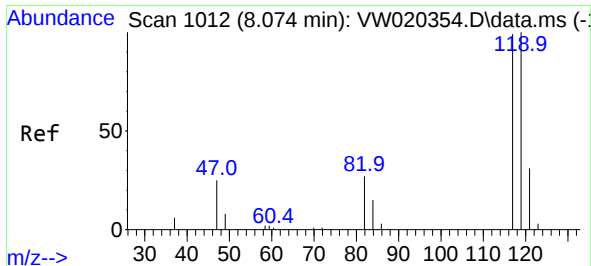


#30
1,1,1-Trichloroethane
Concen: 23.970 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00



Tgt Ion: 97 Resp: 141093
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 50.6 41.0 61.6

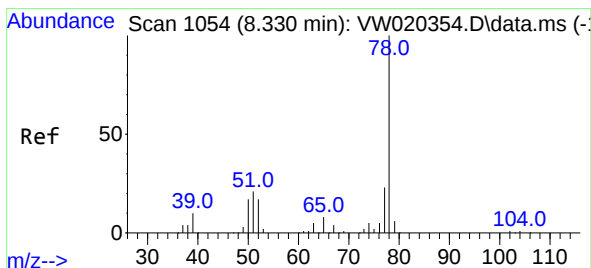
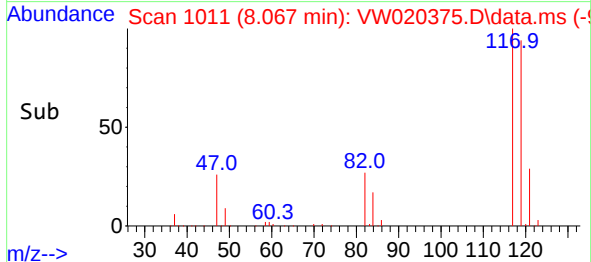
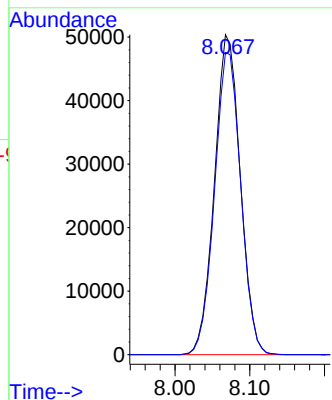
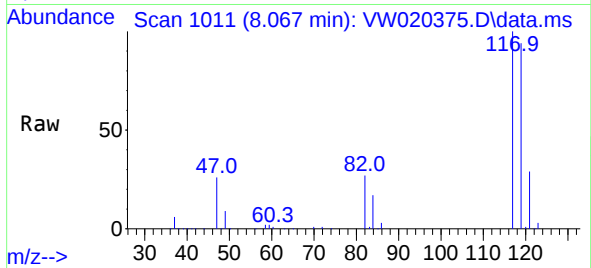




#31
Carbon tetrachloride
Concen: 23.610 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

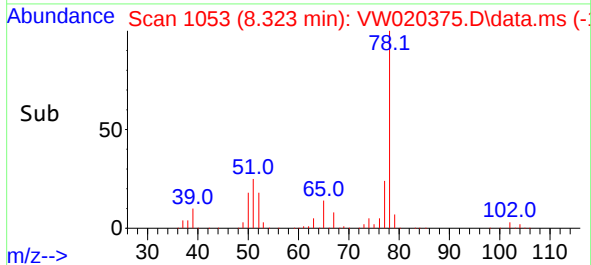
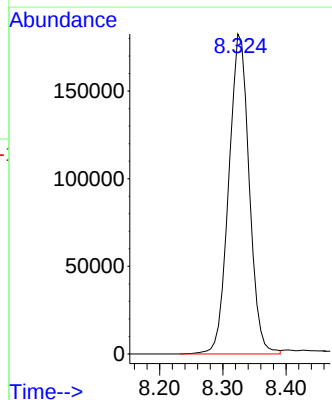
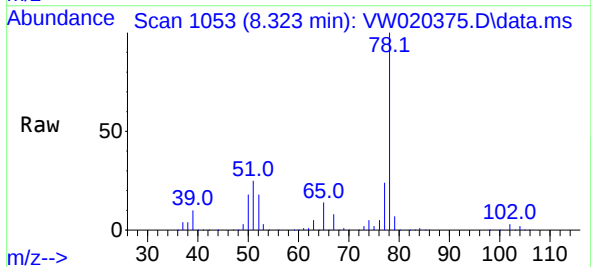
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

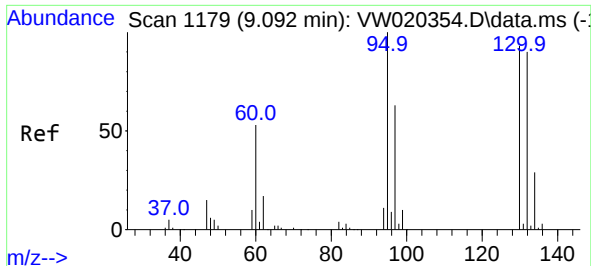
Tgt Ion:117 Resp: 121318
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4



#33
Benzene
Concen: 24.008 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 78 Resp: 409720



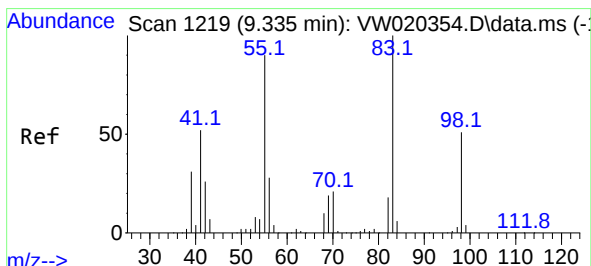
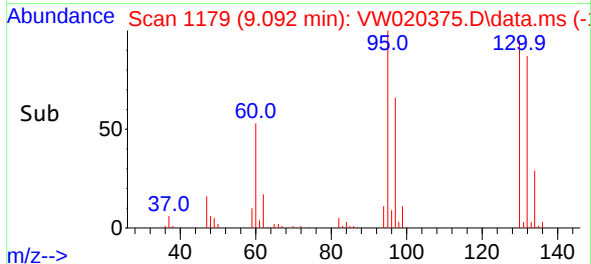
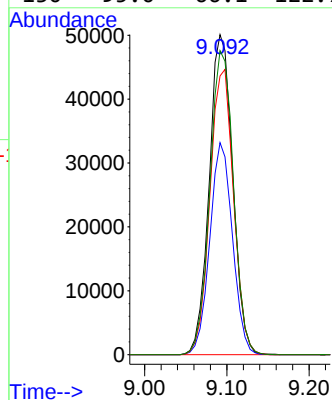
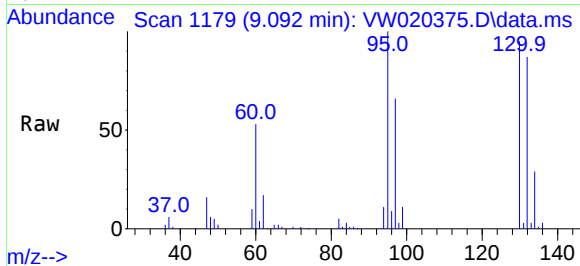


#34
Trichloroethene
Concen: 23.685 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 95 Resp: 99431

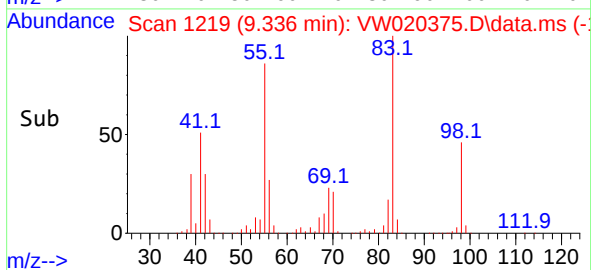
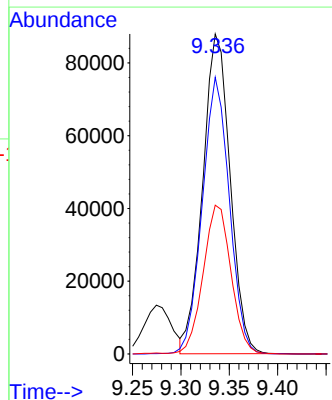
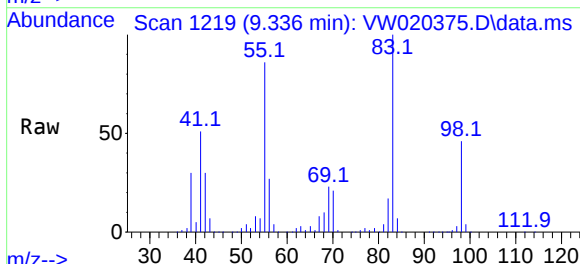
Ion	Ratio	Lower	Upper
95	100		
97	66.3	43.2	80.2
132	87.1	62.3	115.7
130	95.0	66.1	122.7

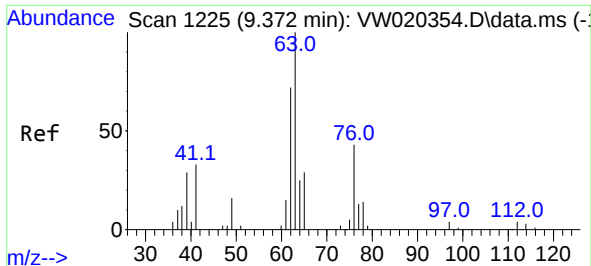


#35
Methylcyclohexane
Concen: 23.717 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 83 Resp: 173683

Ion	Ratio	Lower	Upper
83	100		
55	85.4	69.7	104.5
98	47.4	38.2	57.2

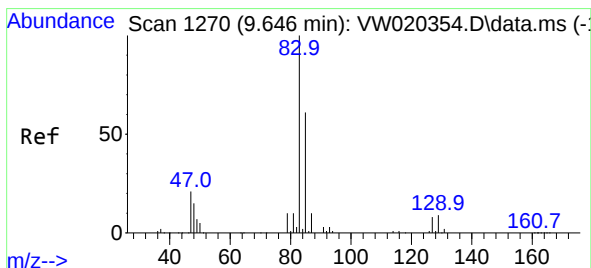
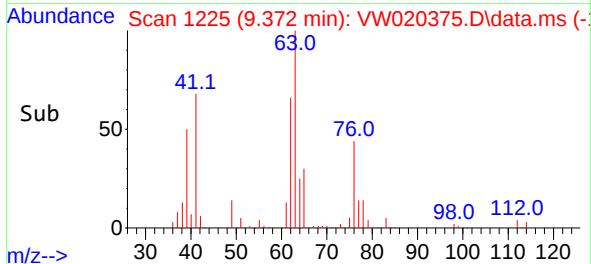
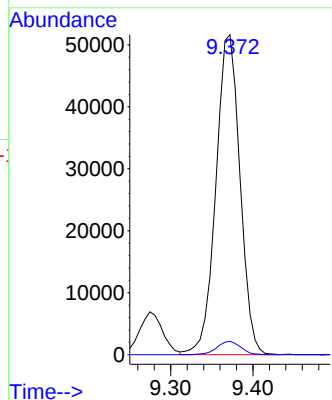
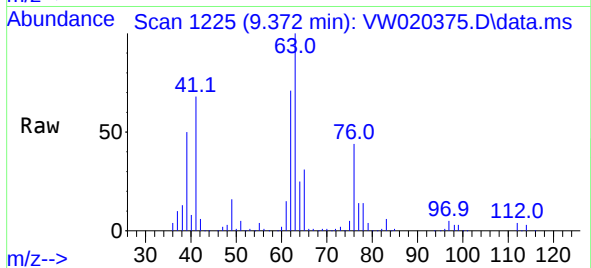




#37
1,2-Dichloropropane
Concen: 24.763 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

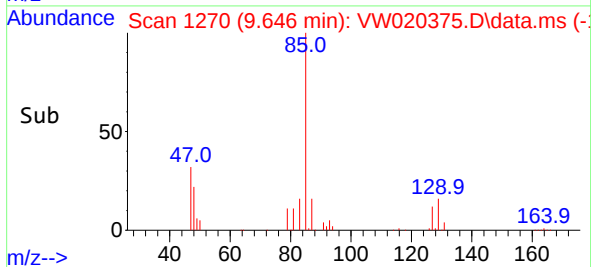
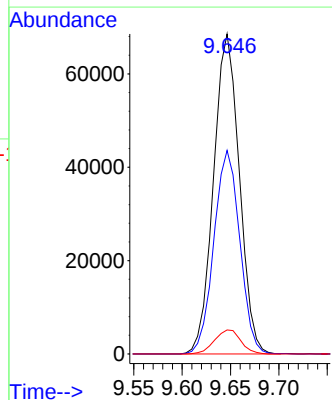
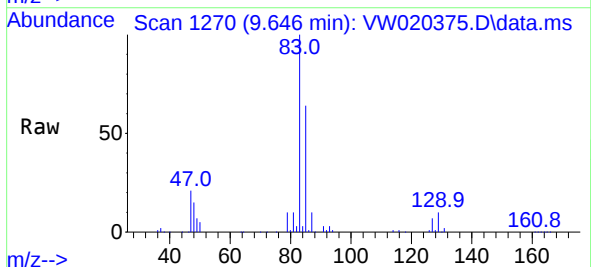
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

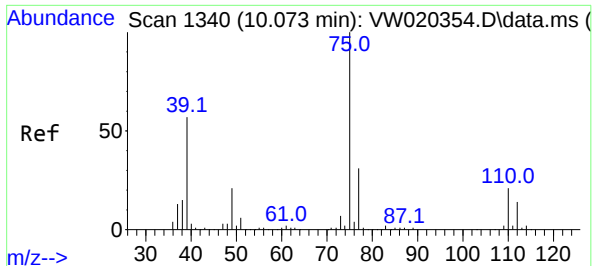
Tgt Ion: 63 Resp: 105283
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 24.566 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 83 Resp: 127258
Ion Ratio Lower Upper
83 100
85 63.6 43.4 80.6
127 7.5 6.2 9.2

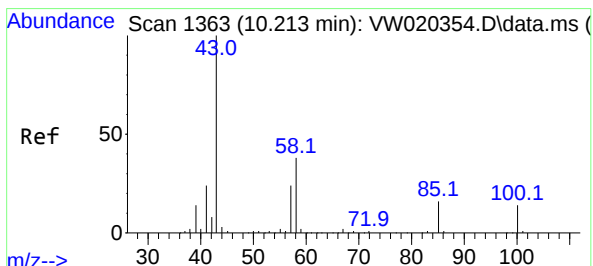
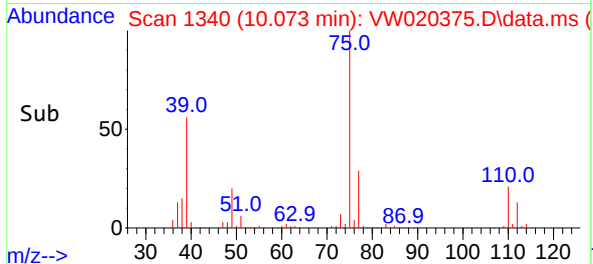
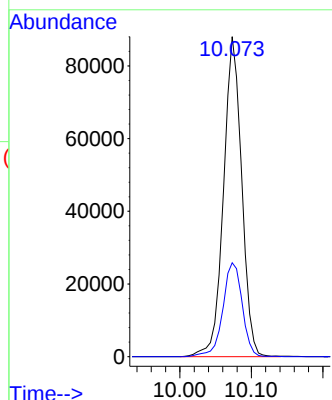
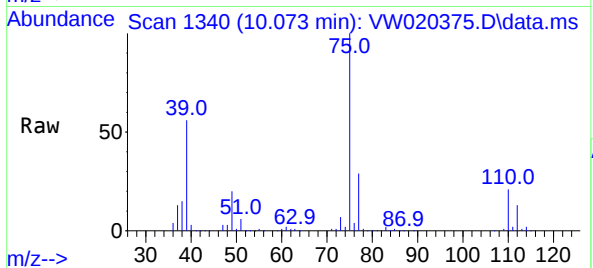




#39
cis-1,3-Dichloropropene
Concen: 25.867 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

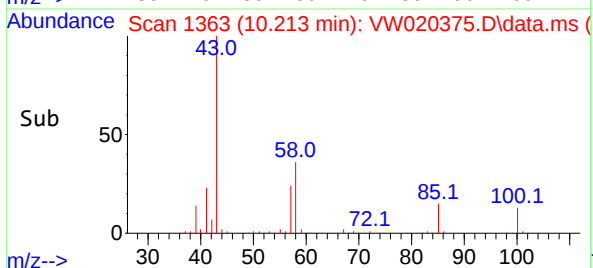
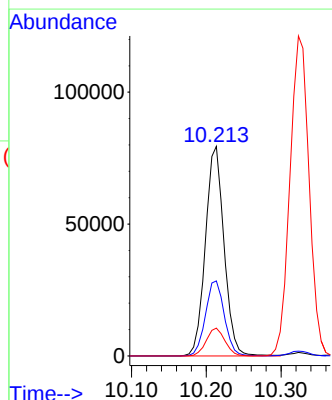
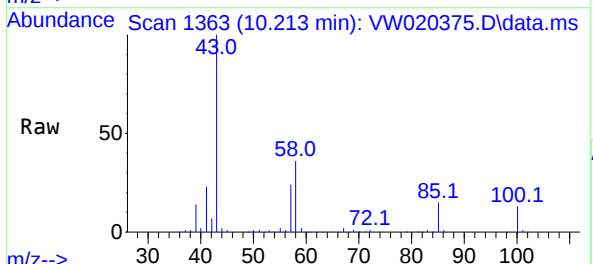
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

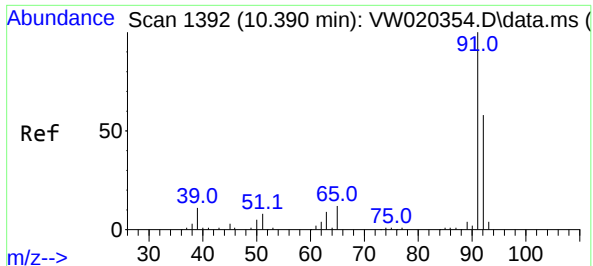
Tgt Ion: 75 Resp: 155546
Ion Ratio Lower Upper
75 100
77 29.4 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 59.290 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 43 Resp: 137698
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.4
100 13.3 10.2 15.4

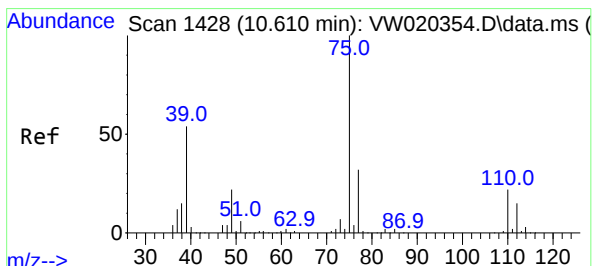
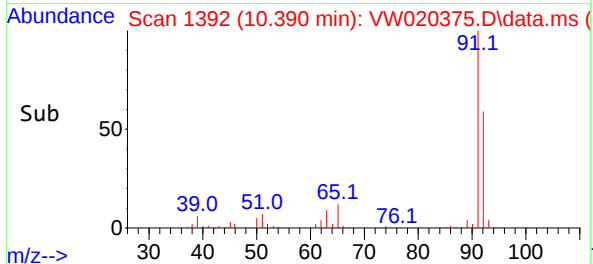
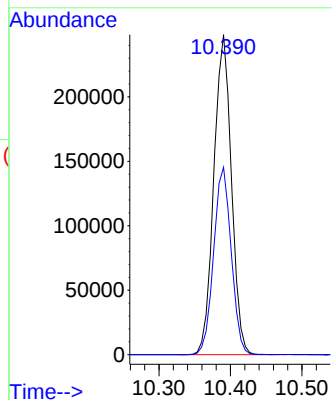
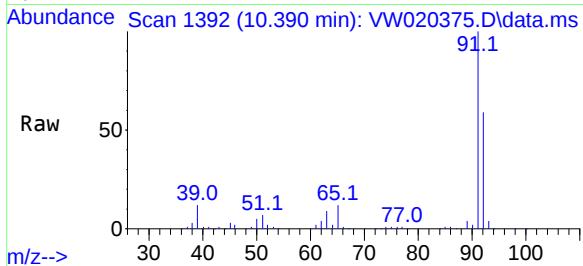




#42
Toluene
Concen: 24.678 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

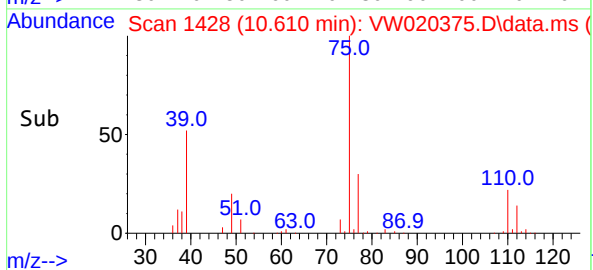
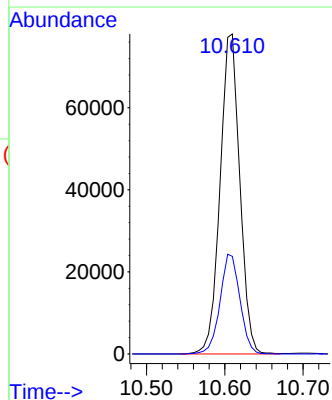
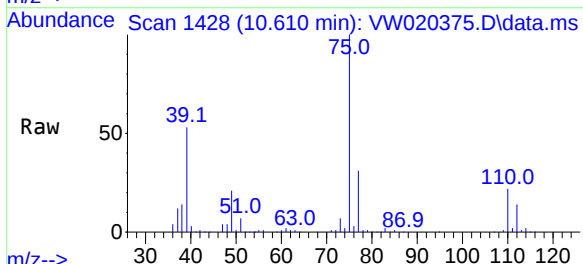
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

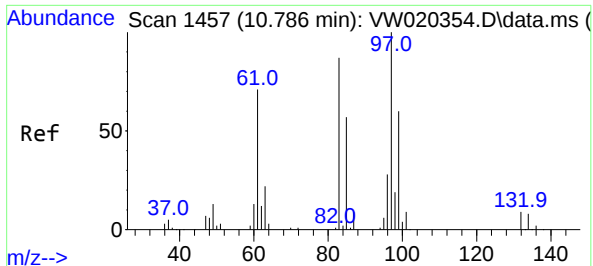
Tgt Ion: 91 Resp: 423558
Ion Ratio Lower Upper
91 100
92 58.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 26.218 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 75 Resp: 136539
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.4



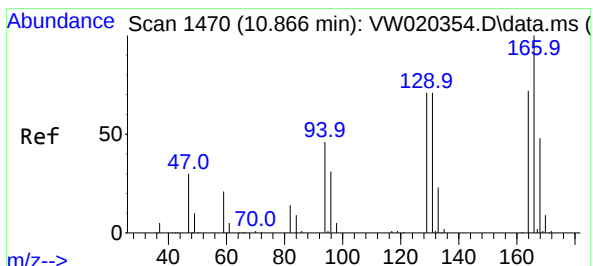
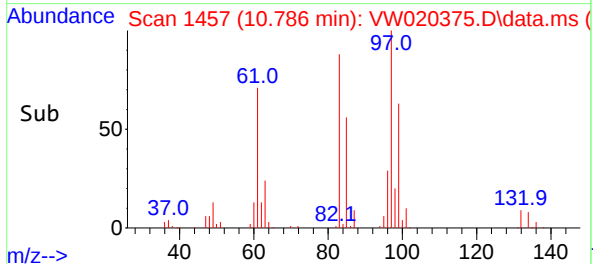
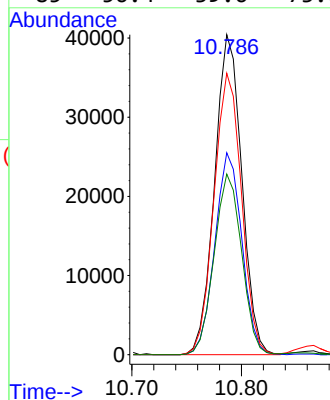
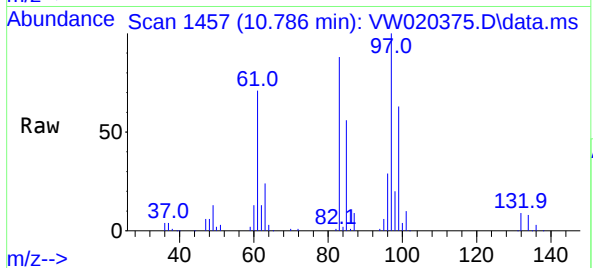


#45
1,1,2-Trichloroethane
Concen: 25.949 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 97 Resp: 69794

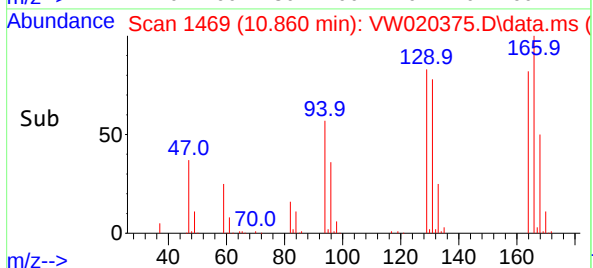
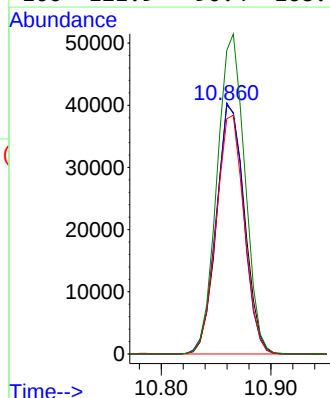
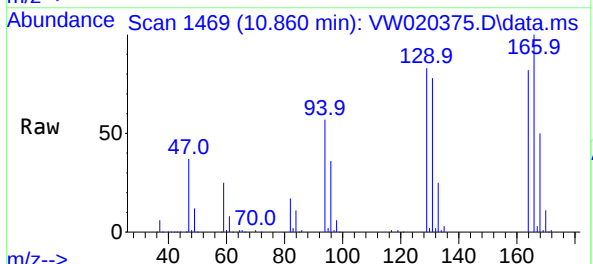
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.8	79.4
83	88.0	60.9	113.1
85	56.4	39.6	73.6

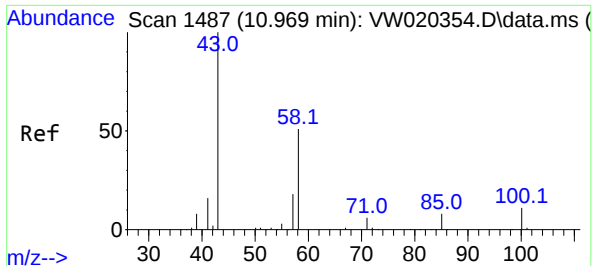


#46
Tetrachloroethene
Concen: 22.984 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 164 Resp: 71015

Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.1	128.3
131	94.5	58.3	108.3
166	121.9	90.4	168.0



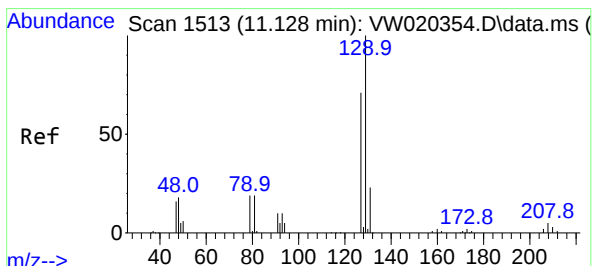
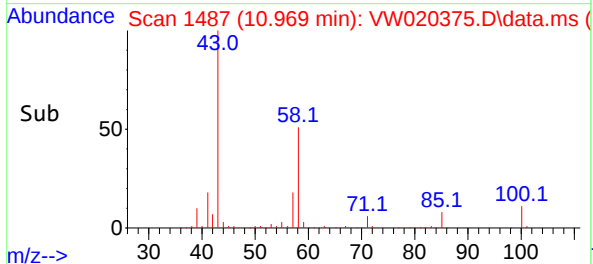
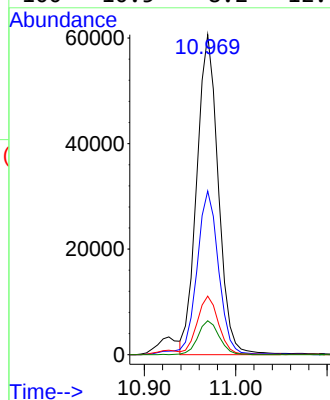
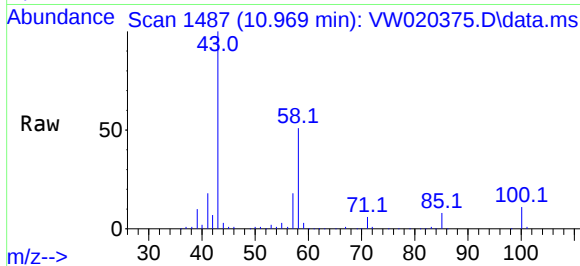


#48
2-Hexanone
Concen: 58.632 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 43 Resp: 99338

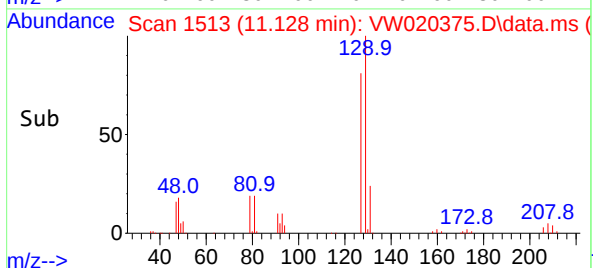
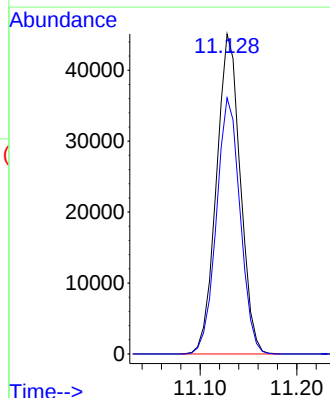
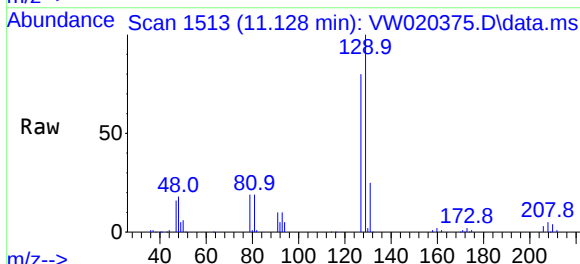
Ion	Ratio	Lower	Upper
43	100		
58	51.8	39.5	59.3
57	18.3	14.2	21.4
100	10.5	8.2	12.4

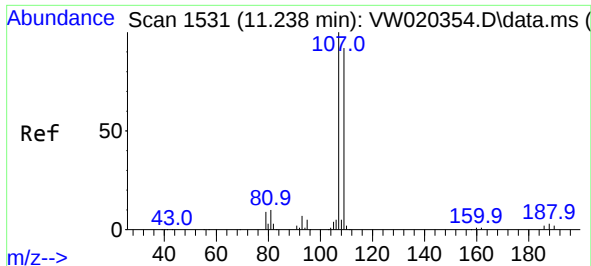


#49
Dibromochloromethane
Concen: 25.610 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 129 Resp: 77298

Ion	Ratio	Lower	Upper
129	100		
127	80.1	55.1	102.3



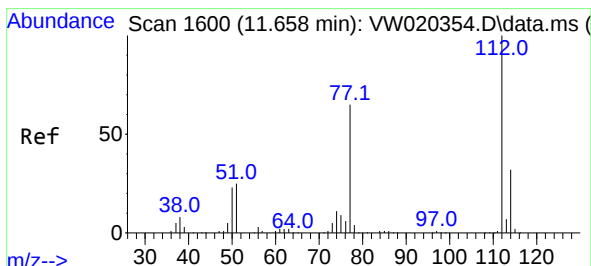
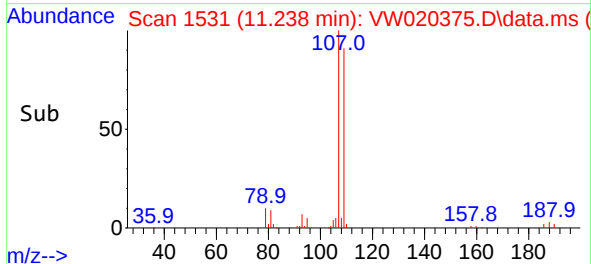
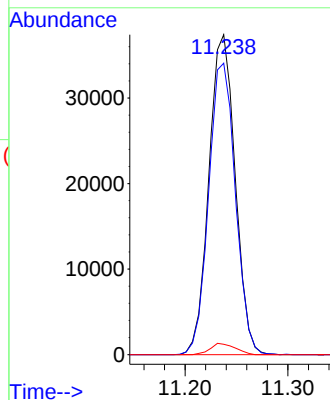
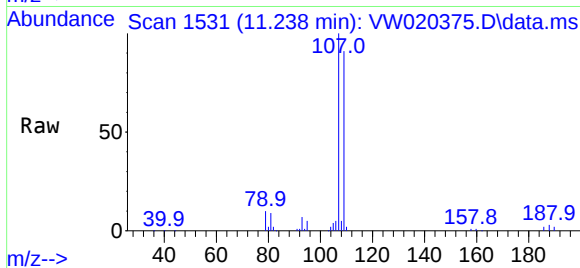


#50
1,2-Dibromoethane
Concen: 26.840 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:107 Resp: 66382

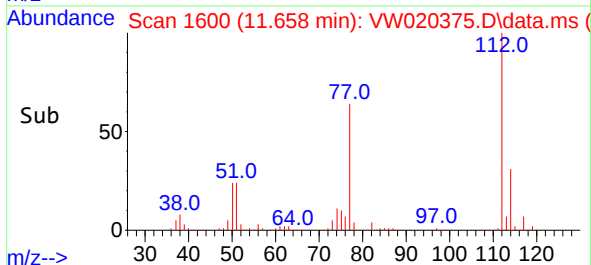
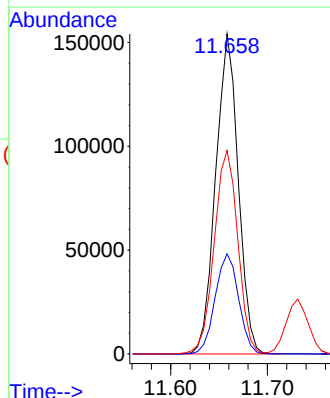
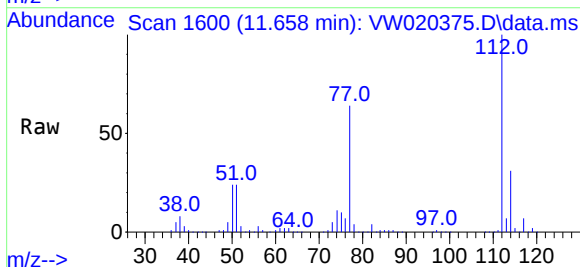
Ion	Ratio	Lower	Upper
107	100		
109	91.1	64.5	119.9
188	3.2	3.2	4.8

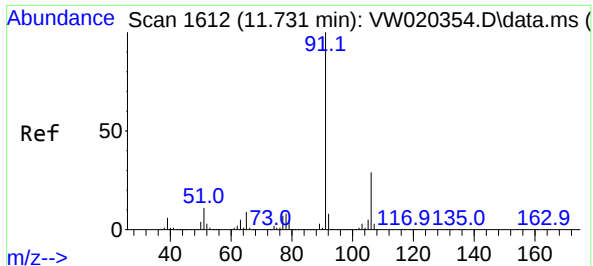


#51
Chlorobenzene
Concen: 23.971 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:112 Resp: 249547

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	63.6	50.7	76.1

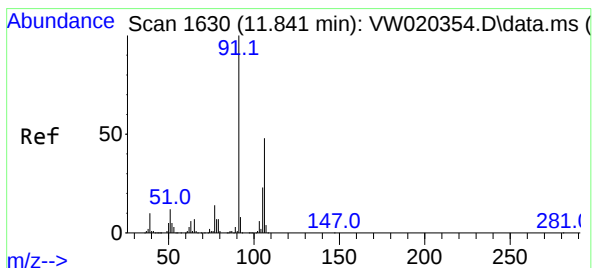
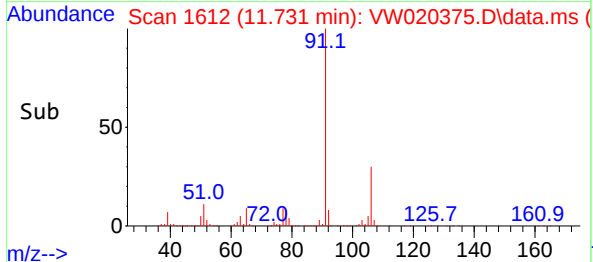
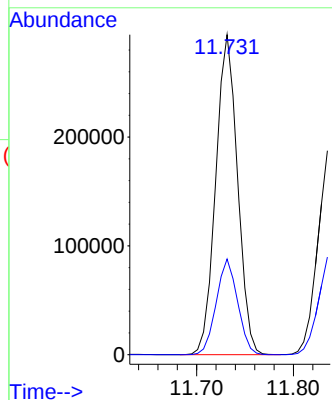
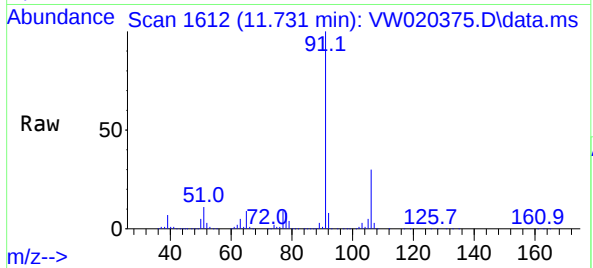




#52
Ethylbenzene
Concen: 24.542 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

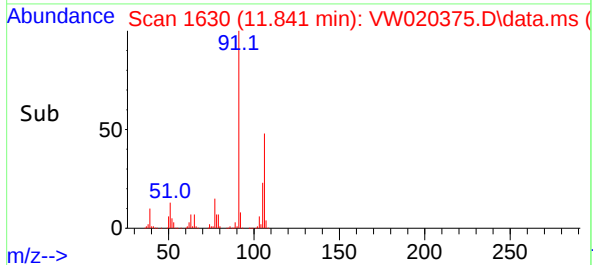
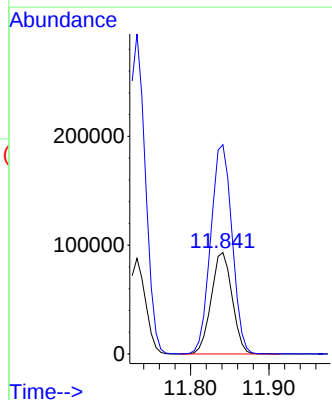
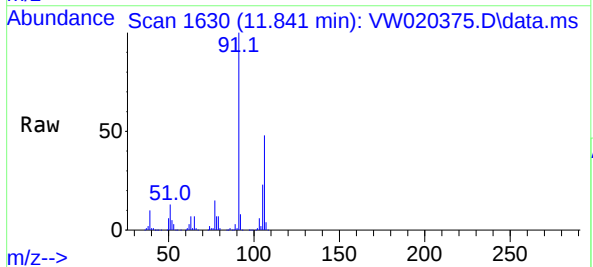
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

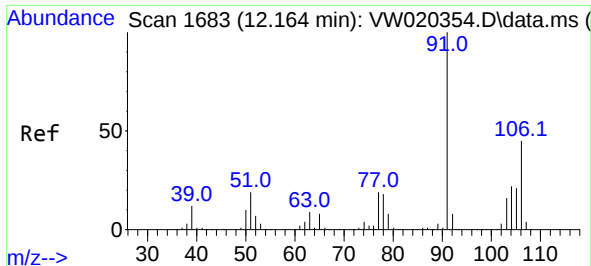
Tgt Ion: 91 Resp: 459854
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 24.954 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:106 Resp: 172734
Ion Ratio Lower Upper
106 100
91 206.4 148.2 275.2

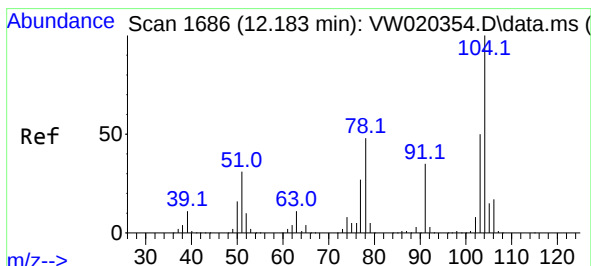
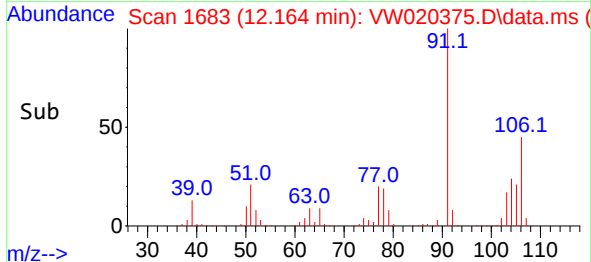
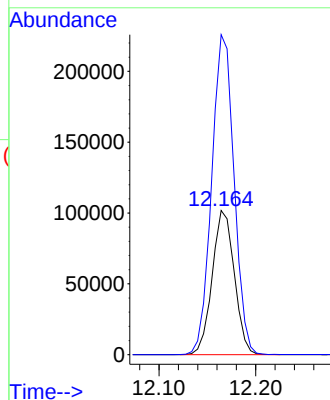
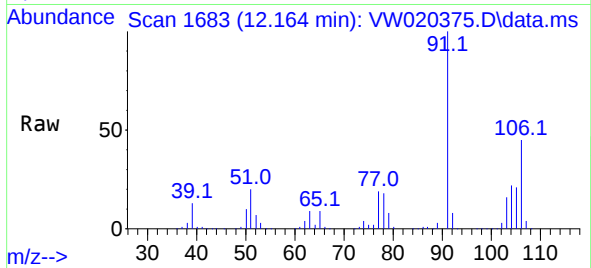




#54
o-Xylene
Concen: 24.941 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

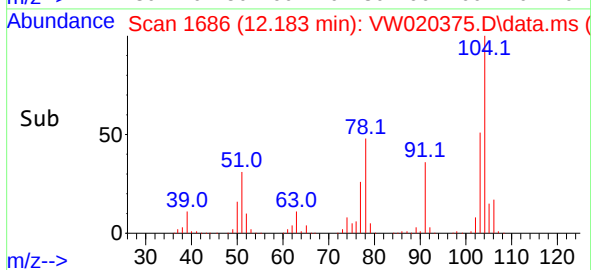
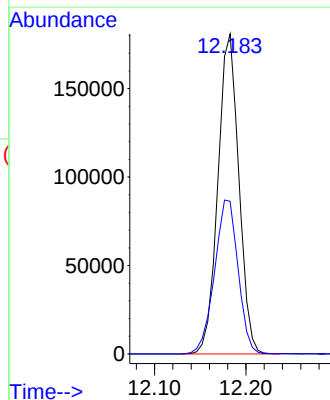
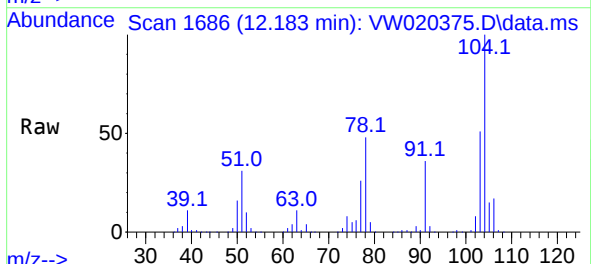
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

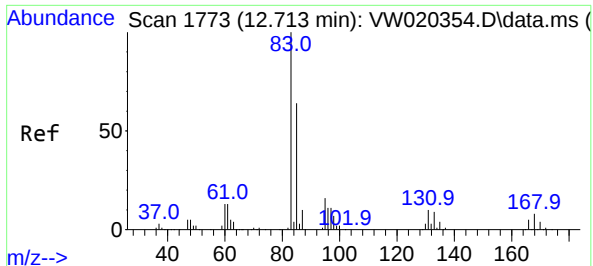
Tgt Ion:106 Resp: 161675
Ion Ratio Lower Upper
106 100
91 221.9 156.1 289.9



#55
Styrene
Concen: 25.811 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:104 Resp: 287956
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.7

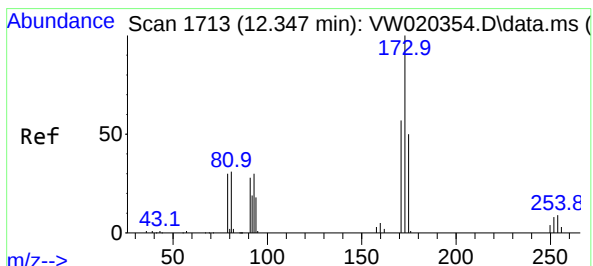
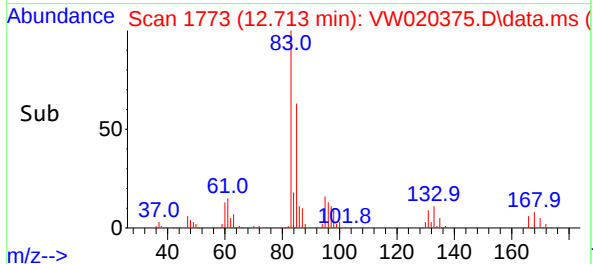
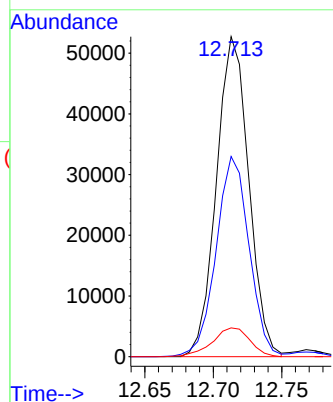
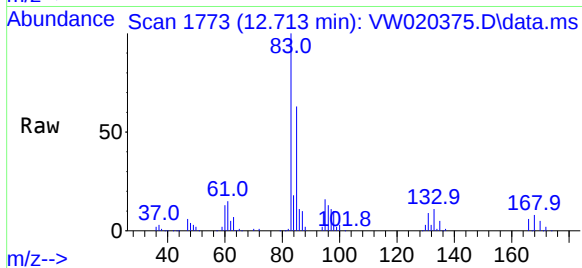




#57
1,1,2,2-Tetrachloroethane
Concen: 27.051 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

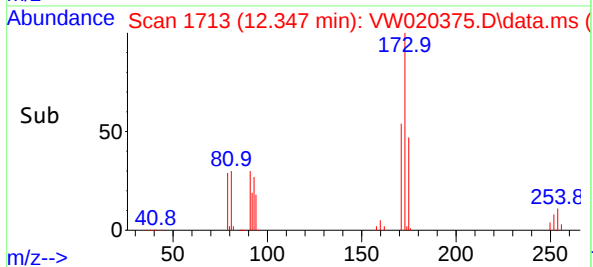
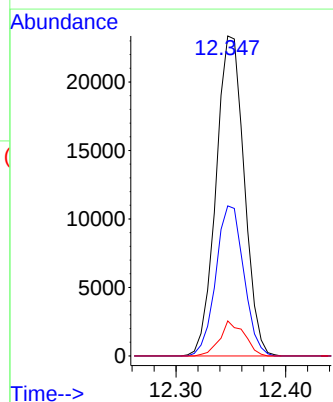
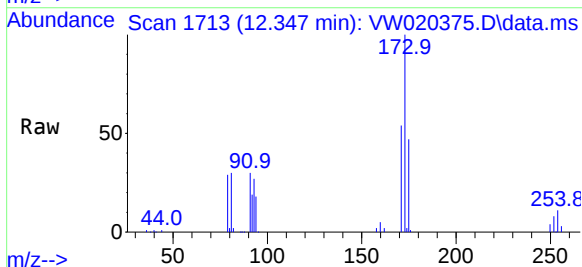
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

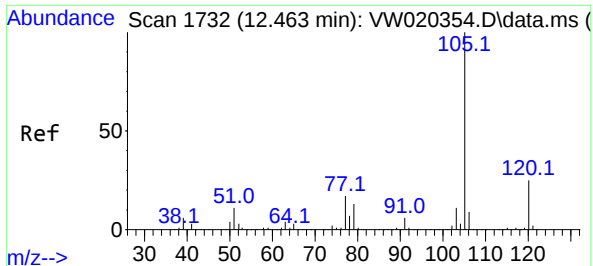
Tgt Ion:	83	Resp:	86503
Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.9	85.3
131	9.0	7.4	11.2



#59
Bromoform
Concen: 25.107 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:	173	Resp:	41679
Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.6	57.8
254	9.5	7.3	10.9



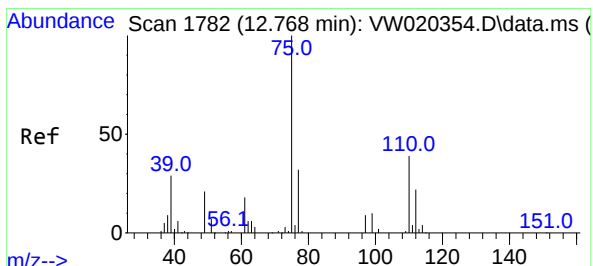
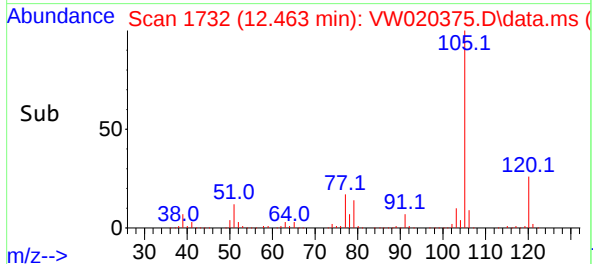
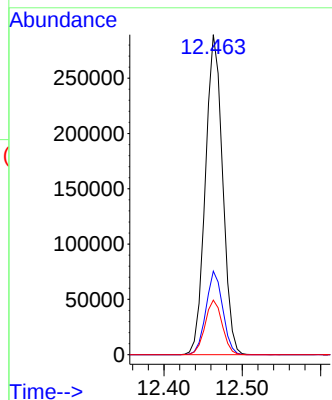
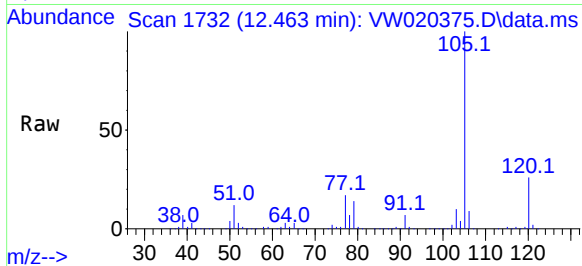


#60
Isopropylbenzene
Concen: 23.916 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:105 Resp: 441120

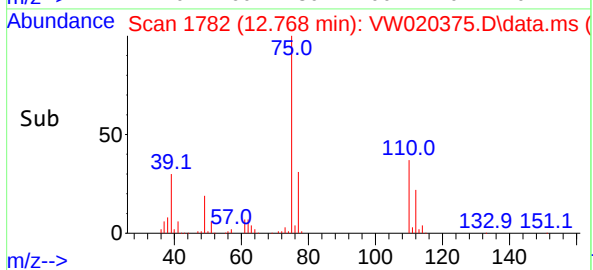
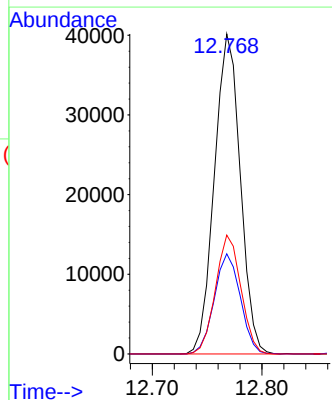
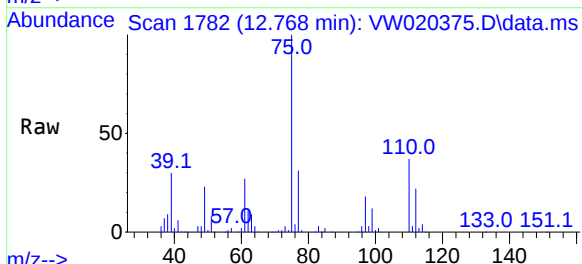
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.3	30.5
77	17.0	13.8	20.6

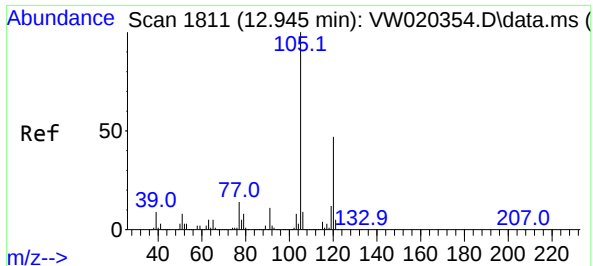


#61
1,2,3-Trichloropropane
Concen: 26.764 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion: 75 Resp: 65912

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
110	36.4	29.4	44.0

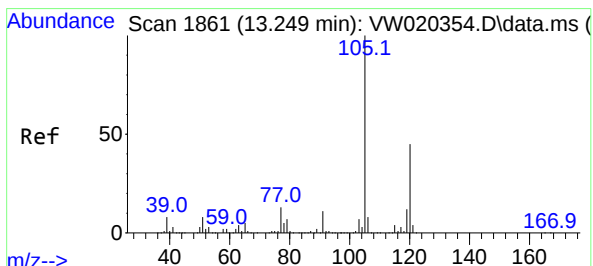
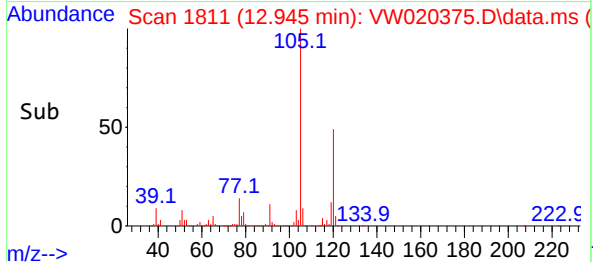
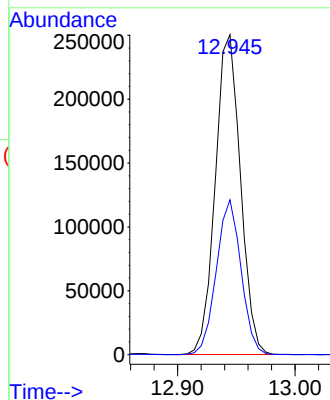
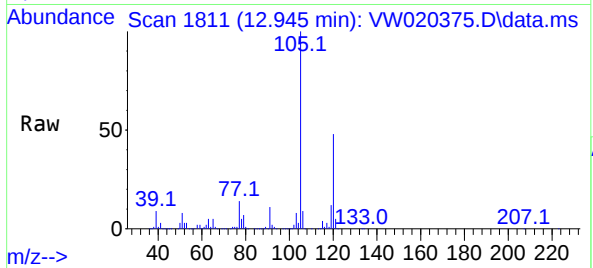




#62
1,3,5-Trimethylbenzene
Concen: 24.994 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

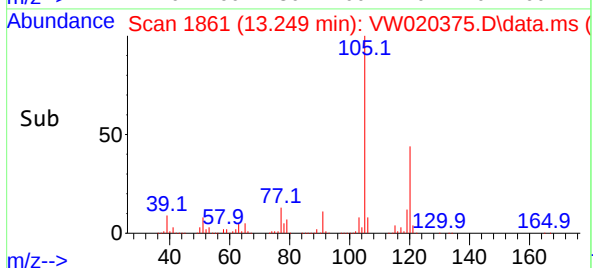
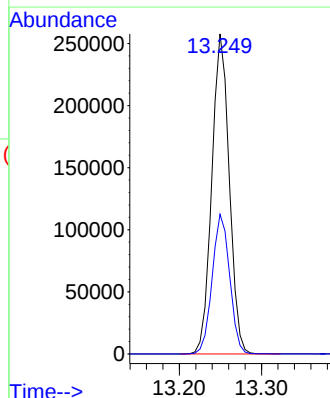
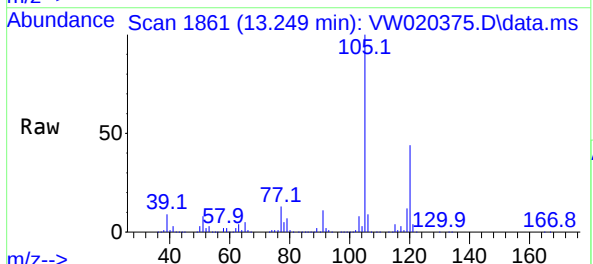
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

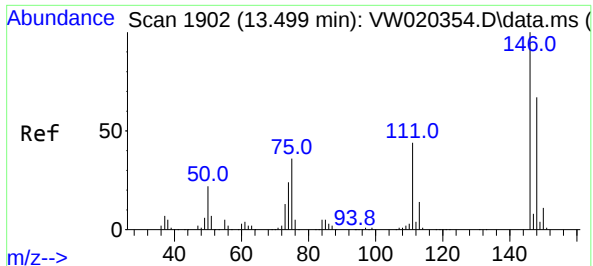
Tgt Ion:105 Resp: 372992
Ion Ratio Lower Upper
105 100
120 47.5 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 25.460 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:105 Resp: 379724
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2

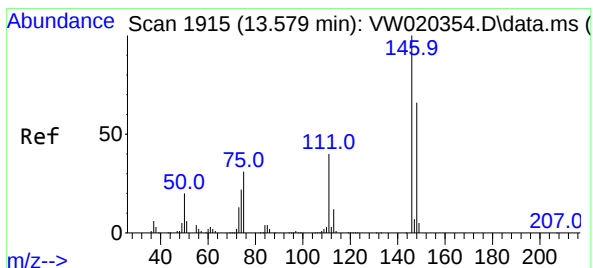
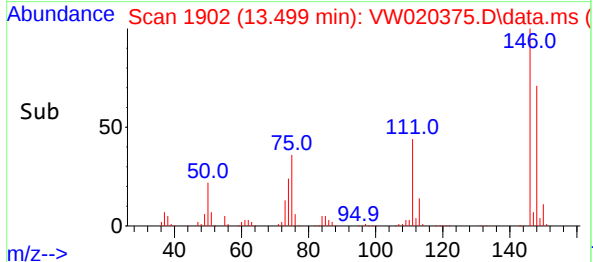
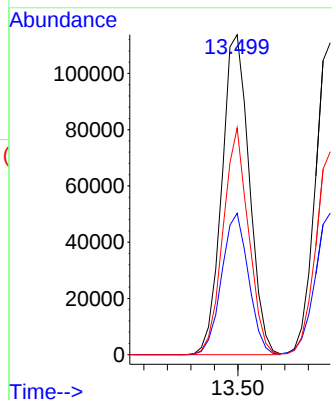
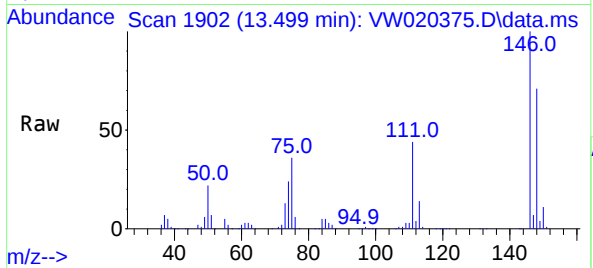




#64
1,3-Dichlorobenzene
Concen: 23.781 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

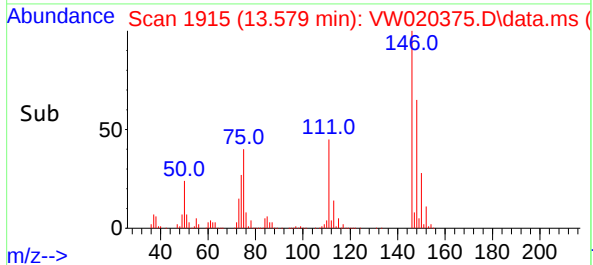
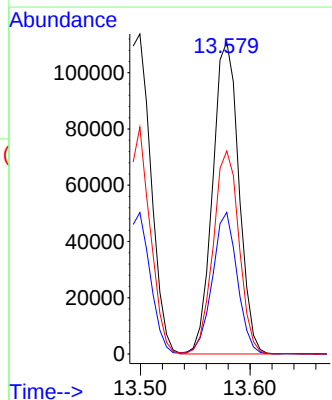
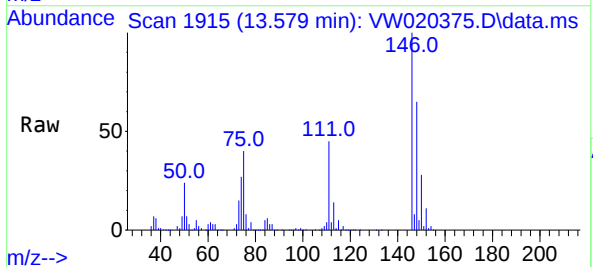
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:146 Resp: 184505
Ion Ratio Lower Upper
146 100
111 44.2 29.0 53.8
148 70.9 42.4 78.6

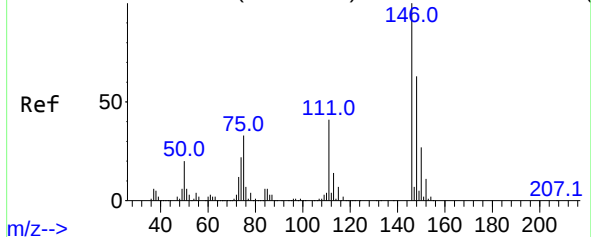


#65
1,4-Dichlorobenzene
Concen: 23.505 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

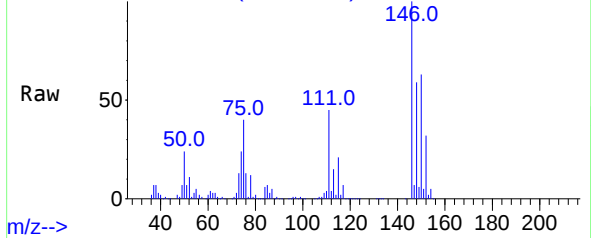
Tgt Ion:146 Resp: 184092
Ion Ratio Lower Upper
146 100
111 45.4 30.9 57.5
148 65.1 46.1 85.7



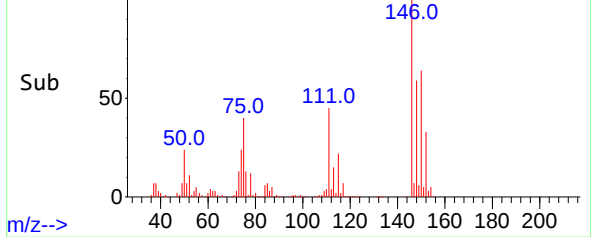
Abundance Scan 1963 (13.871 min): VW020354.D\data.ms (



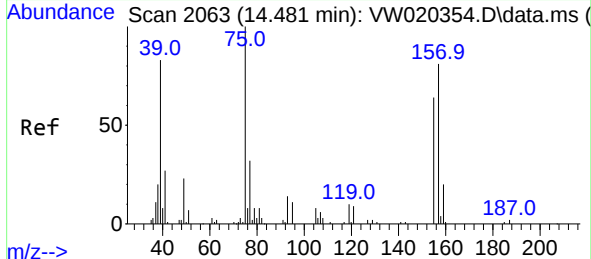
m/z--> Abundance Scan 1962 (13.865 min): VW020375.D\data.ms (



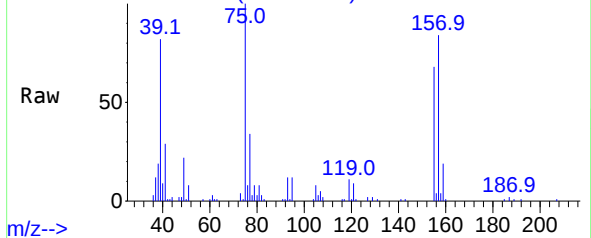
Abundance Scan 1962 (13.865 min): VW020375.D\data.ms (



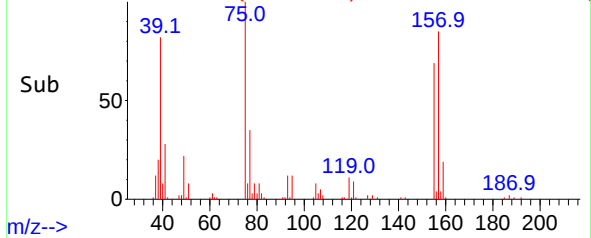
m/z--> Abundance Scan 2063 (14.481 min): VW020354.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW020375.D\data.ms (



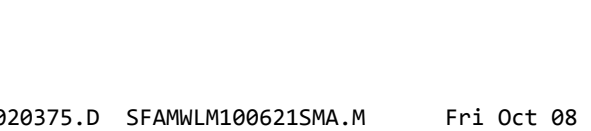
Abundance Scan 2063 (14.481 min): VW020375.D\data.ms (



m/z--> Abundance Scan 1962 (13.865 min): VW020375.D\data.ms (

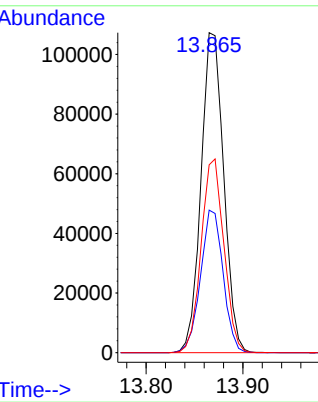


m/z--> Abundance Scan 2063 (14.481 min): VW020375.D\data.ms (



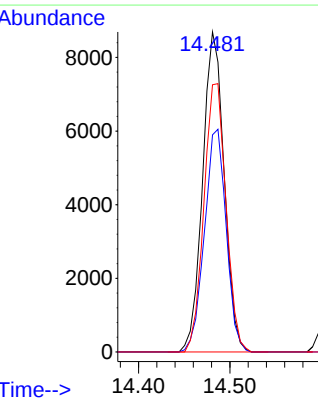
#67
1,2-Dichlorobenzene
Concen: 25.270 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

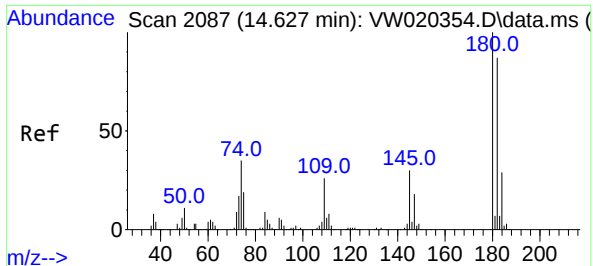
Tgt Ion:	146	Resp:	174805
Ion	Ratio	Lower	Upper
146	100		
111	44.6	33.9	50.9
148	58.7	51.0	76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 27.238 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:	75	Resp:	14237
Ion	Ratio	Lower	Upper
75	100		
155	67.9	51.4	77.0
157	83.5	70.8	106.2



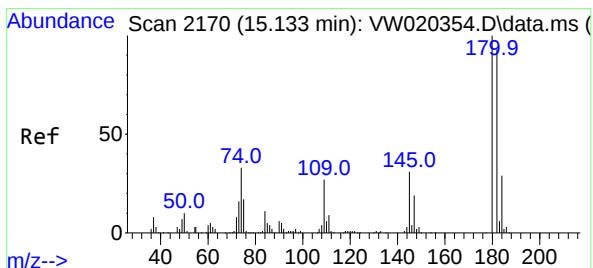
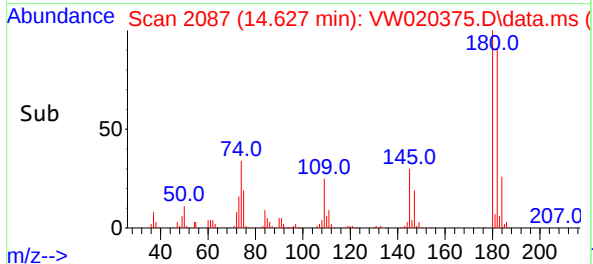
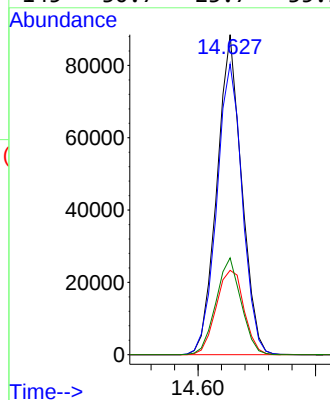
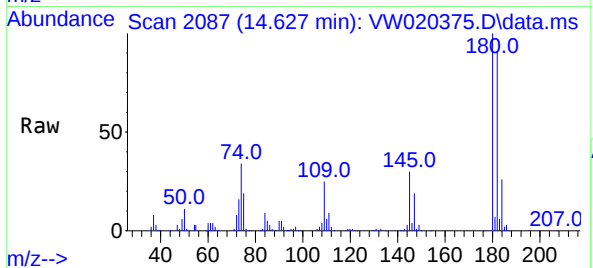


#69
1,3,5-Trichlorobenzene
Concen: 23.524 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:180 Resp: 129651

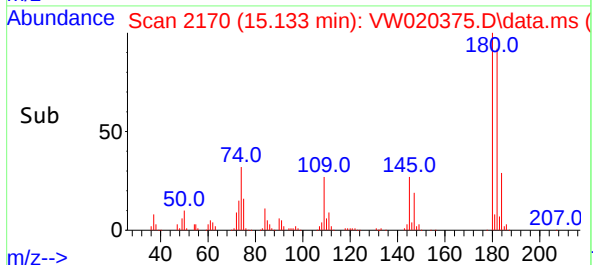
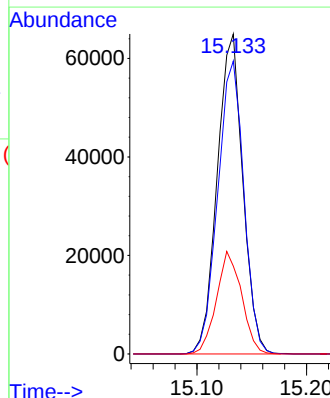
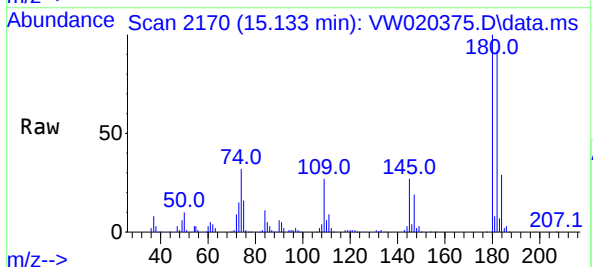
Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.4	110.0
184	29.6	24.2	36.4
145	30.7	23.7	35.5

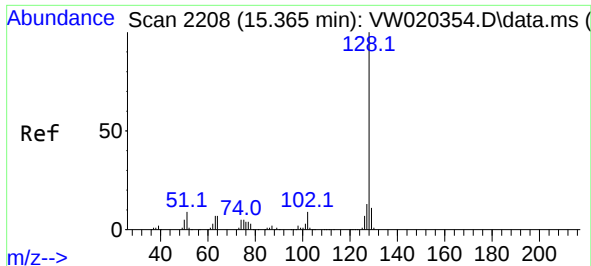


#70
1,2,4-trichlorobenzene
Concen: 24.527 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:180 Resp: 105432

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.8
145	31.5	24.8	37.2

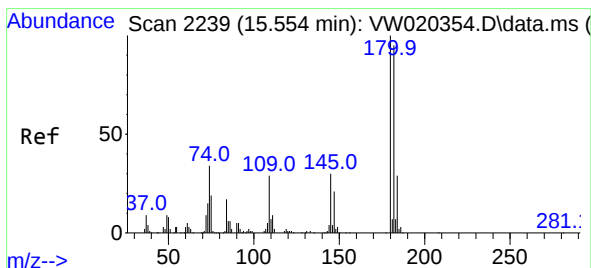
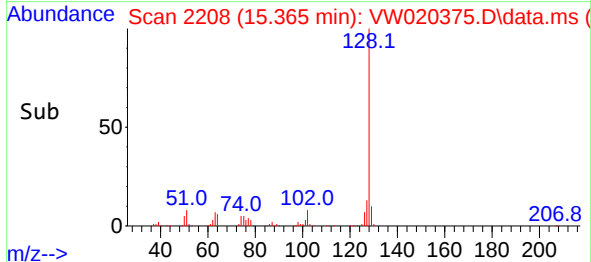
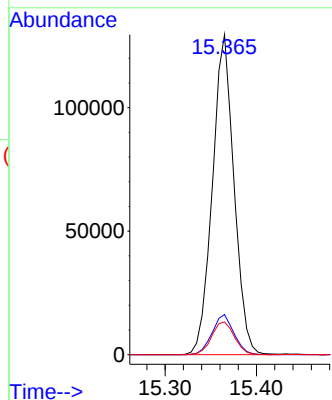
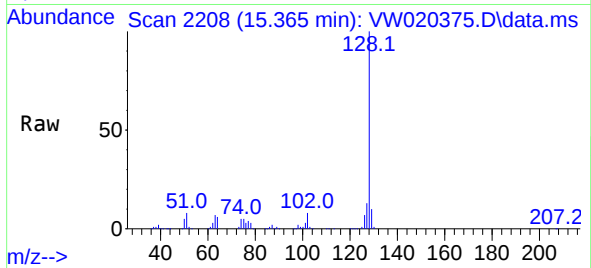




#71
Naphthalene
Concen: 28.369 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:128 Resp: 212426
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.432 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020375.D
Acq: 07 Oct 2021 21:00

Tgt Ion:180 Resp: 95492
Ion Ratio Lower Upper
180 100
182 93.3 74.8 112.2
145 32.5 26.2 39.4

