

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023642.D
 Acq On : 13 Jul 2022 12:06
 Operator : SY/VA
 Sample : VSTD00551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

Quant Time: Jul 14 01:27:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	199644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	102686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	21091	4.156	ug/L	0.00
7) Chloroethane-d5	2.873	69	14563	4.315	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	18987	4.586	ug/L	0.00
21) 2-Butanone-d5	7.080	46	3541	4.584	ug/L	0.00
24) Chloroform-d	7.647	84	28513	4.904	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	17311	4.868	ug/L	0.00
32) Benzene-d6	8.275	84	47082	4.537	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14852	4.751	ug/L	0.00
41) Toluene-d8	10.323	98	45234	4.297	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6414	4.377	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	5449	8.289	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16264	4.708	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	17958	4.899	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5773	4.285	ug/L #	87
3) Chloromethane	2.215	50	18354	5.523	ug/L	99
5) Vinyl chloride	2.355	62	32230	5.648	ug/L	95
6) Bromomethane	2.769	94	23419	6.345	ug/L	100
8) Chloroethane	2.910	64	14964	5.605	ug/L	100
9) Trichlorofluoromethane	3.245	101	15237	5.874	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	14494	5.743	ug/L #	67
12) 1,1-Dichloroethene	4.031	96	11949	5.665	ug/L	85
13) Acetone	4.129	43	6798	13.471	ug/L	63
14) Carbon disulfide	4.385	76	36249	5.821	ug/L #	91
15) Methyl Acetate	4.891	43	221	0.185	ug/L	97
16) Methylene chloride	4.915	84	11682	3.742	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	14569	5.673	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	20949	5.291	ug/L #	84
19) 1,1-Dichloroethane	6.214	63	26945	5.687	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	15830	5.559	ug/L #	93
22) 2-Butanone	7.165	43	4790	5.239	ug/L	97
23) Bromochloromethane	7.519	128	7927	5.799	ug/L	86
25) Chloroform	7.671	83	30699	5.625	ug/L	83
27) 1,2-Dichloroethane	8.397	62	21307	5.304	ug/L	98
29) Cyclohexane	7.958	56	20432	5.596	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	25211	5.832	ug/L	99
31) Carbon tetrachloride	8.067	117	22161	5.687	ug/L	94
33) Benzene	8.323	78	64130	5.653	ug/L	100
34) Trichloroethene	9.092	95	17050	5.691	ug/L	96
35) Methylcyclohexane	9.335	83	25353	5.557	ug/L	98
37) 1,2-Dichloropropane	9.372	63	15619	5.491	ug/L	100
38) Bromodichloromethane	9.646	83	20675	5.208	ug/L #	91
39) cis-1,3-Dichloropropene	10.073	75	21591	5.036	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	20288	10.250	ug/L	96
42) Toluene	10.384	91	67857	5.245	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	20119	4.938	ug/L	97

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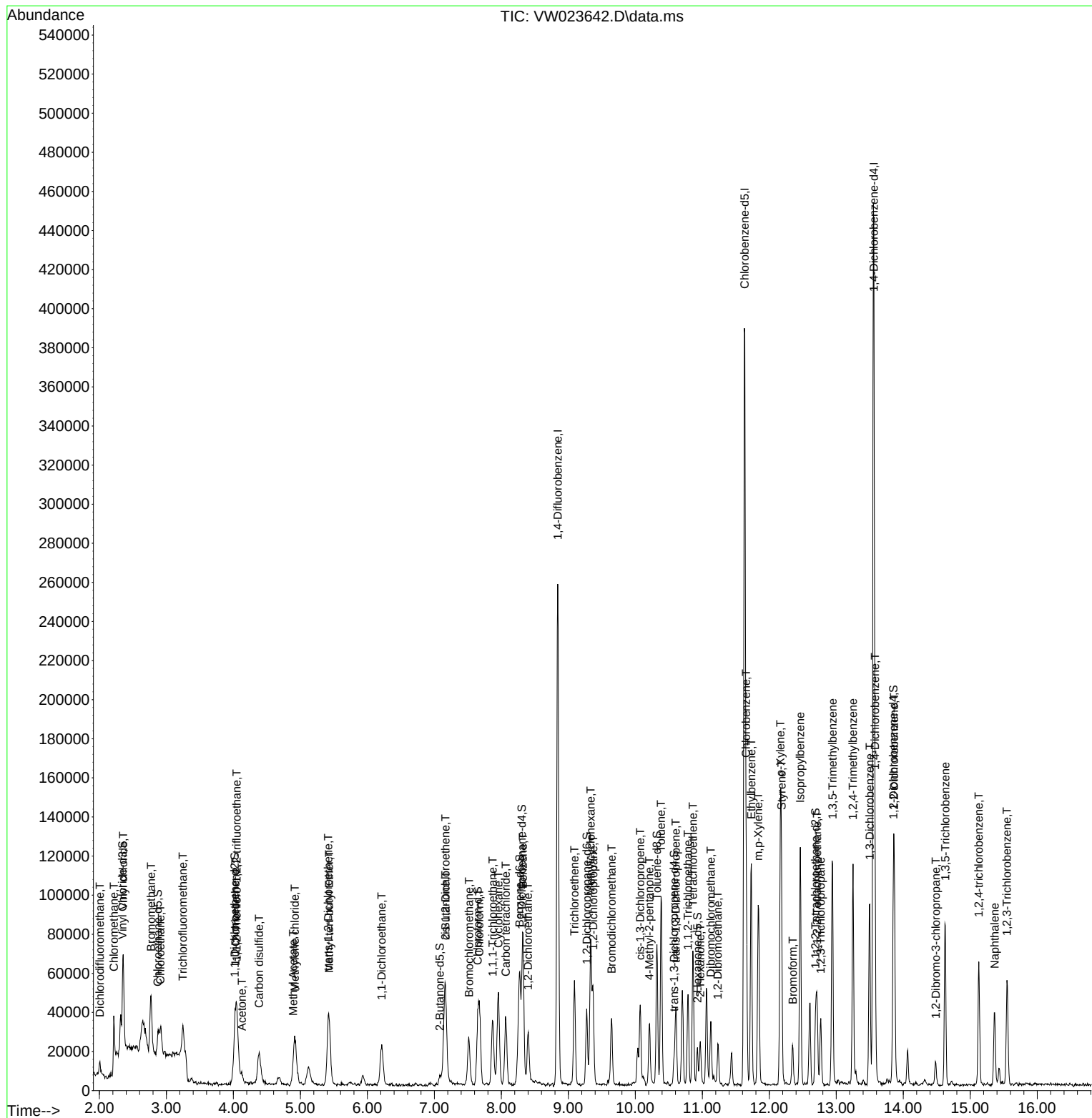
Quant Time: Jul 14 01:27:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

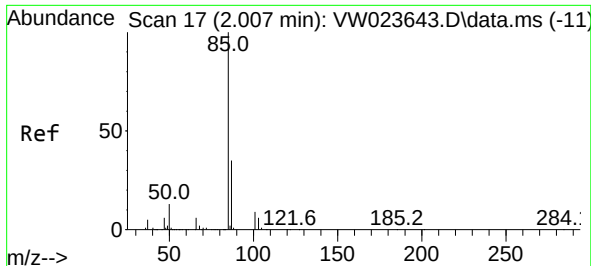
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	13592	5.465	ug/L	97
46) Tetrachloroethene	10.860	164	12787	5.520	ug/L	96
48) 2-Hexanone	10.969	43	13626	9.623	ug/L	97
49) Dibromochloromethane	11.128	129	14336	4.971	ug/L	87
50) 1,2-Dibromoethane	11.231	107	12346	5.167	ug/L #	99
51) Chlorobenzene	11.652	112	46564	5.336	ug/L	94
52) Ethylbenzene	11.731	91	74158	5.044	ug/L	97
53) m,p-Xylene	11.835	106	27813	4.848	ug/L	94
54) o-Xylene	12.164	106	27166	4.931	ug/L	98
55) Styrene	12.182	104	45340	4.659	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	17590	5.185	ug/L	95
59) Bromoform	12.353	173	7587	5.011	ug/L #	97
60) Isopropylbenzene	12.463	105	71152	5.158	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	12710	5.645	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	55533	4.917	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	54719	4.846	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	33671	5.376	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	36577	5.490	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	31627	5.355	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	2997	5.771	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	22386	5.400	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	16216	5.066	ug/L	97
71) Naphthalene	15.365	128	29634	4.316	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	14610	4.897	ug/L	95

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

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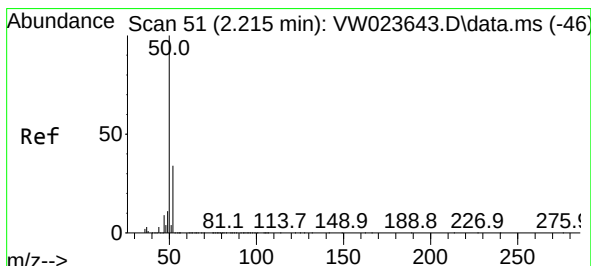
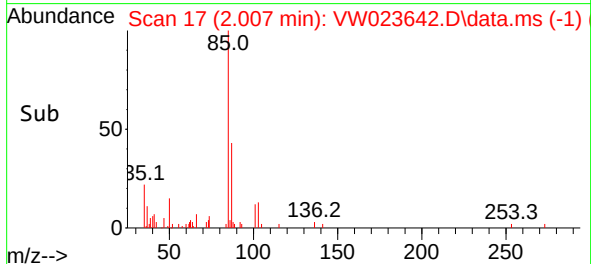
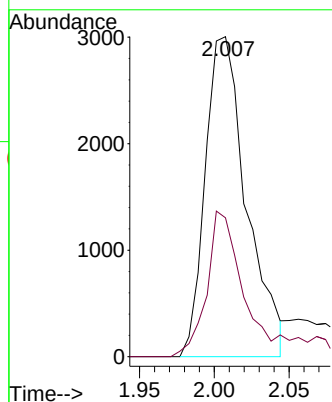
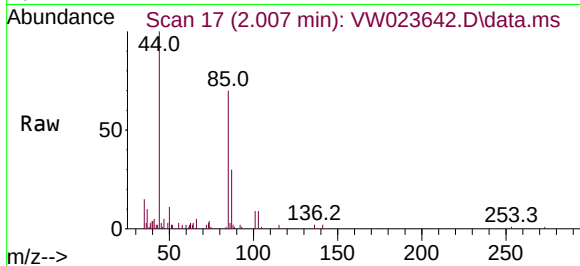




#2
Dichlorodifluoromethane
Concen: 4.285 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

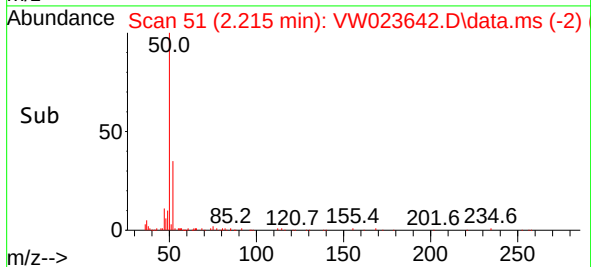
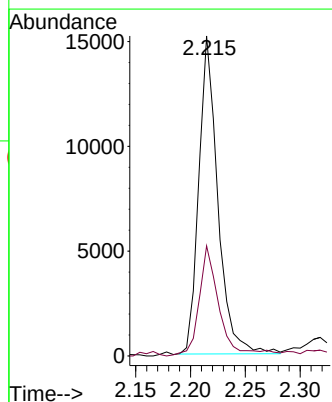
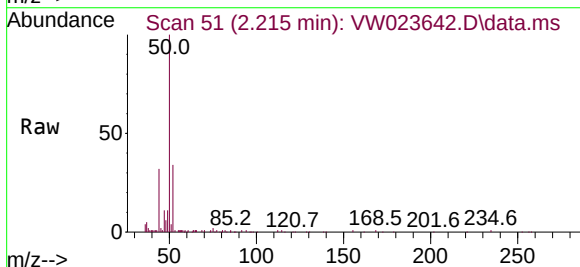
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

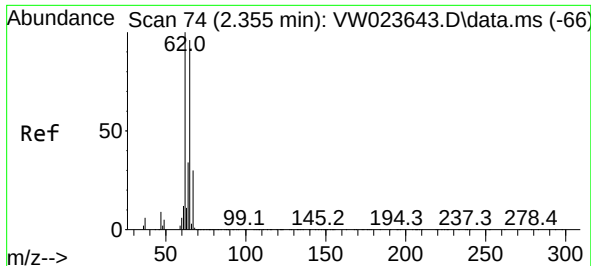
Tgt Ion: 85 Resp: 5773
Ion Ratio Lower Upper
85 100
87 38.3 24.7 37.1#



#3
Chloromethane
Concen: 5.523 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 50 Resp: 18354
Ion Ratio Lower Upper
50 100
52 34.4 23.7 44.1

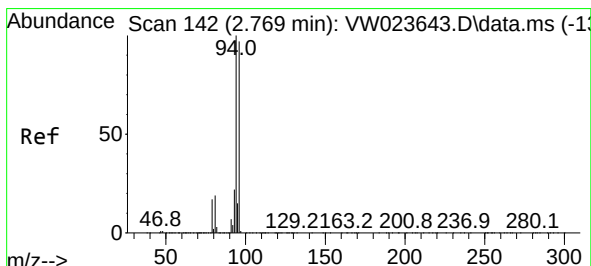
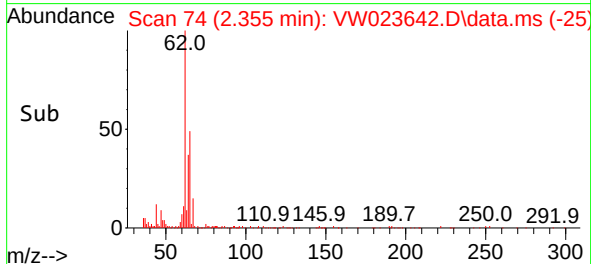
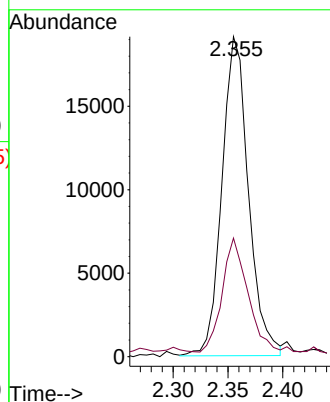
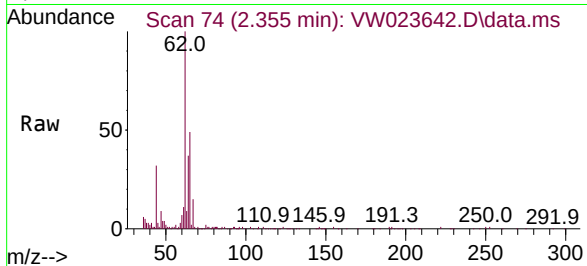




#5
 Vinyl chloride
 Concen: 5.648 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023642.D
 Acq: 13 Jul 2022 12:06

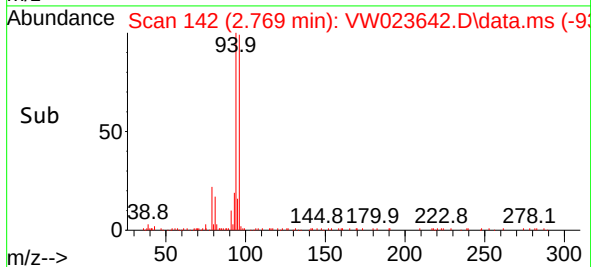
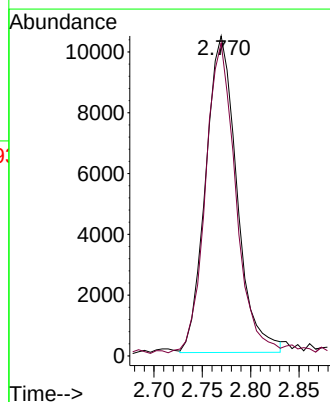
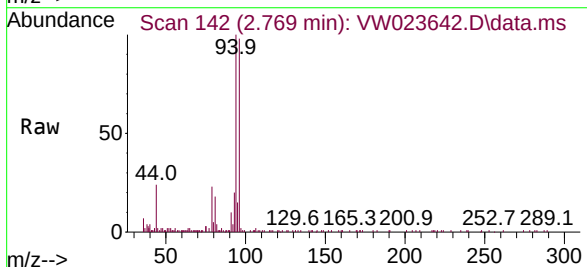
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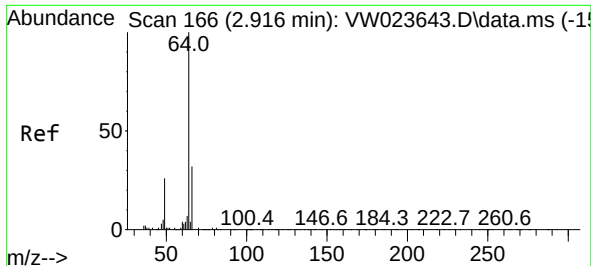
Tgt Ion: 62 Resp: 32230
 Ion Ratio Lower Upper
 62 100
 64 37.1 24.0 44.6



#6
 Bromomethane
 Concen: 6.345 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023642.D
 Acq: 13 Jul 2022 12:06

Tgt Ion: 94 Resp: 23419
 Ion Ratio Lower Upper
 94 100
 96 97.8 68.2 126.6

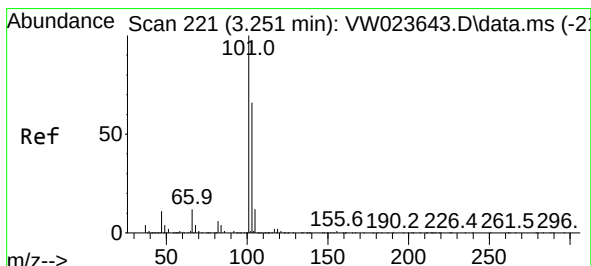
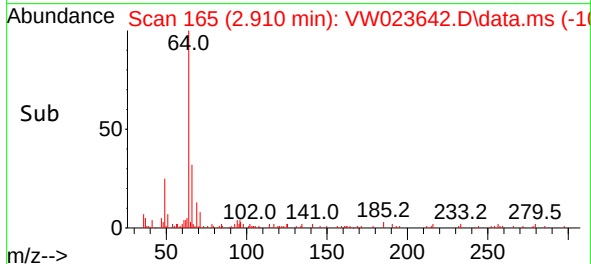
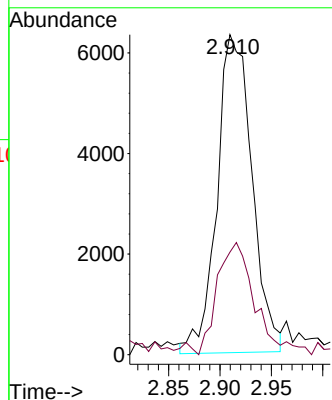
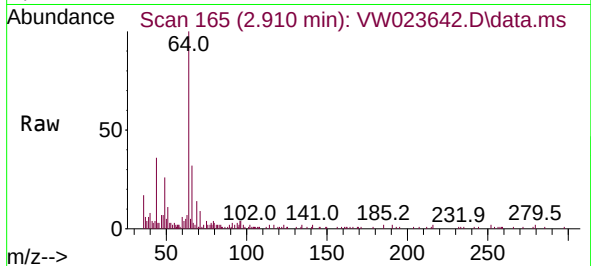




#8
Chloroethane
Concen: 5.605 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

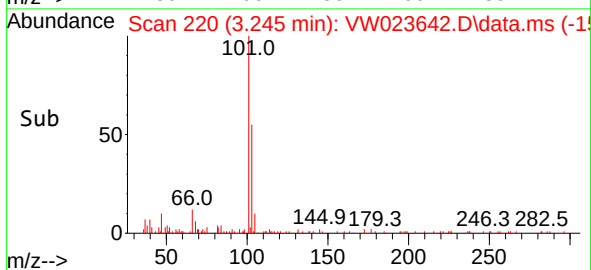
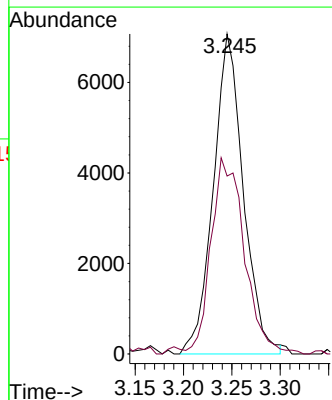
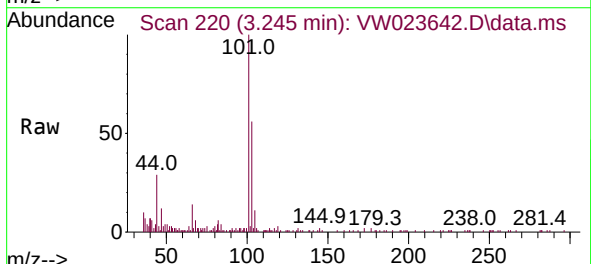
Instrument :
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ClientSampleId :
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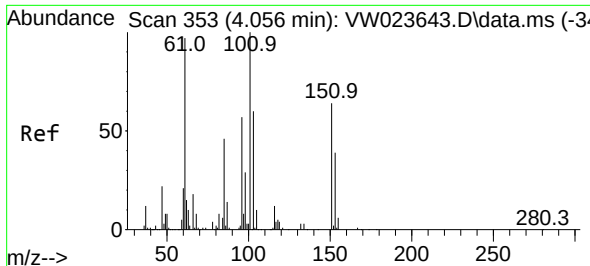
Tgt Ion: 64 Resp: 14964
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.874 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 101 Resp: 15237
Ion Ratio Lower Upper
101 100
103 67.8 52.1 78.1

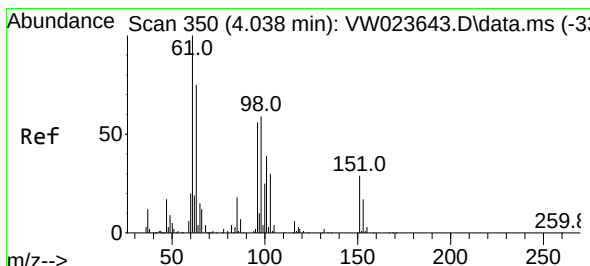
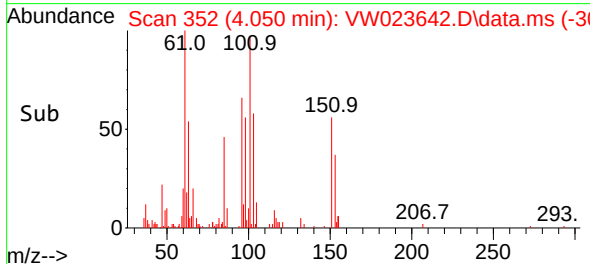
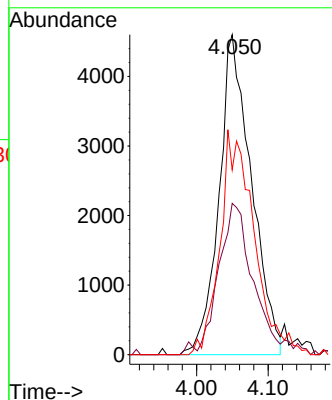
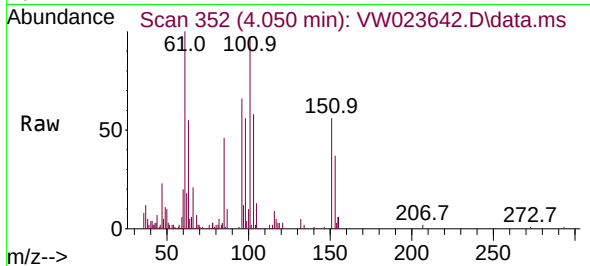




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.743 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023642.D
 Acq: 13 Jul 2022 12:06

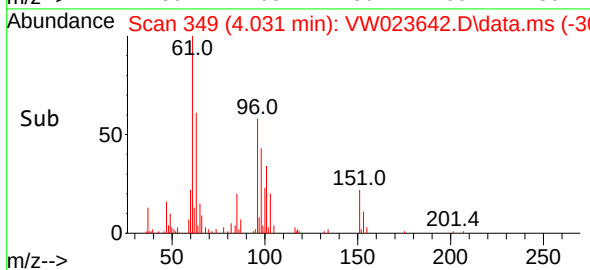
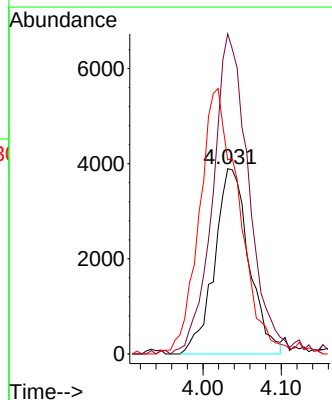
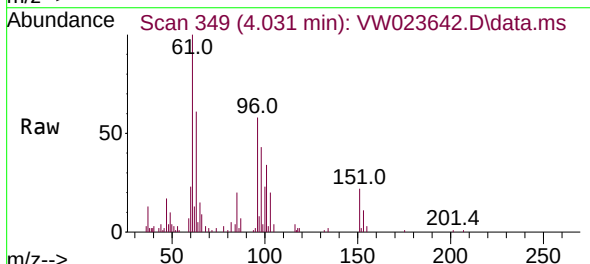
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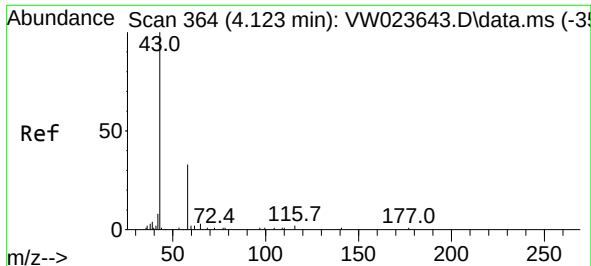
Tgt Ion:101 Resp: 14494
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.6 56.4
 151 27.1 57.6 86.4#



#12
 1,1-Dichloroethene
 Concen: 5.665 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023642.D
 Acq: 13 Jul 2022 12:06

Tgt Ion: 96 Resp: 11949
 Ion Ratio Lower Upper
 96 100
 61 172.7 125.4 232.8
 63 104.8 97.4 180.8

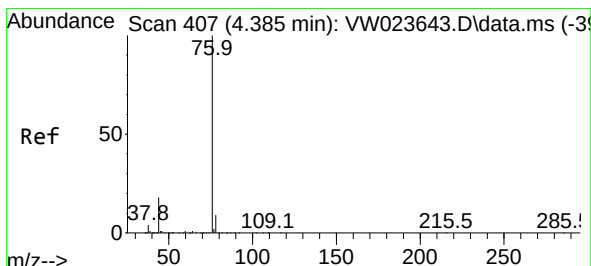
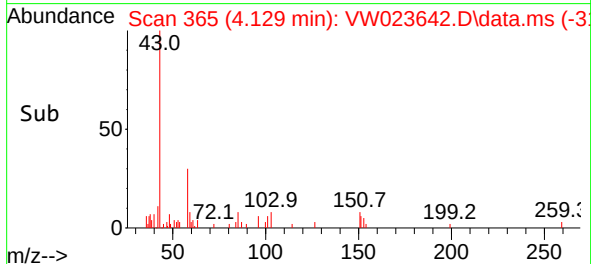
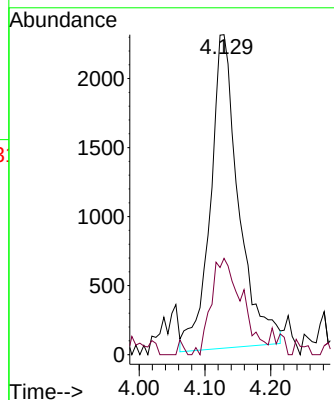
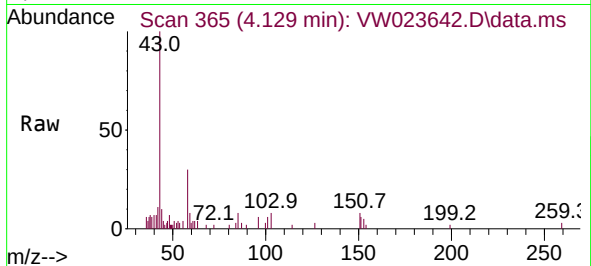




#13
Acetone
Concen: 13.471 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

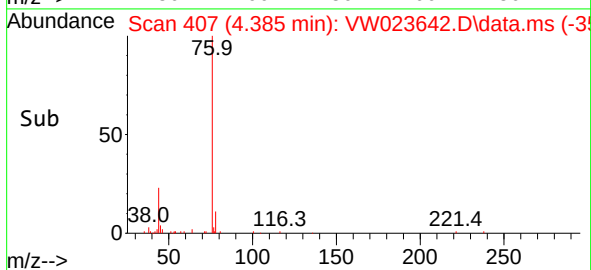
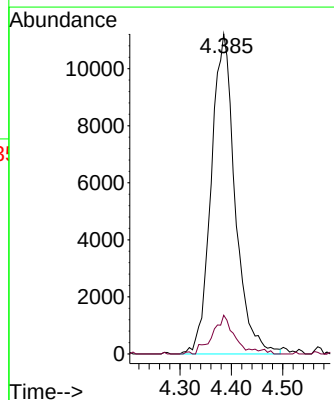
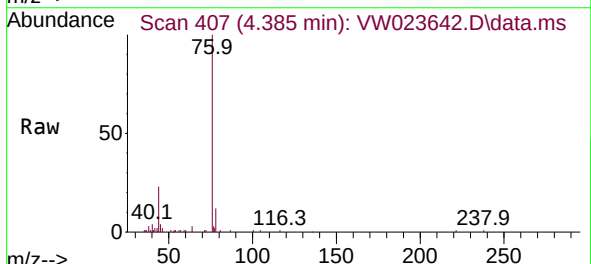
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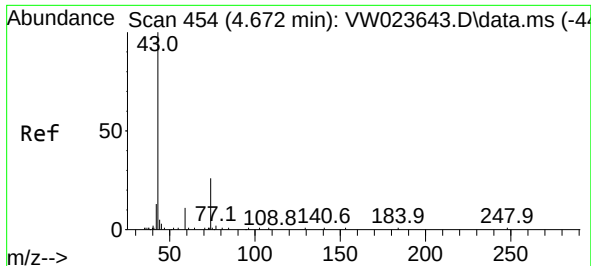
Tgt Ion: 43 Resp: 6798
Ion Ratio Lower Upper
43 100
58 11.6 0.0 64.2



#14
Carbon disulfide
Concen: 5.821 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 76 Resp: 36249
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#

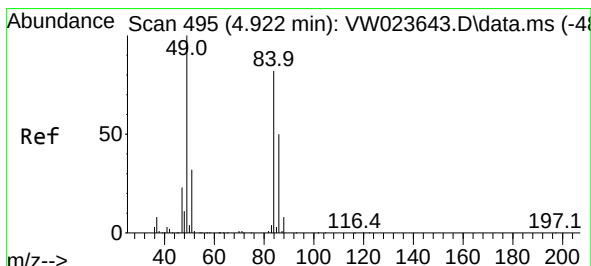
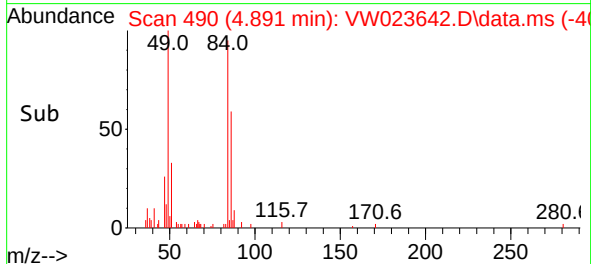
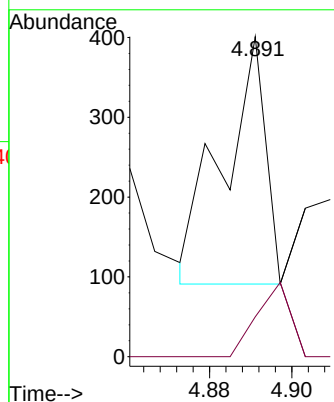
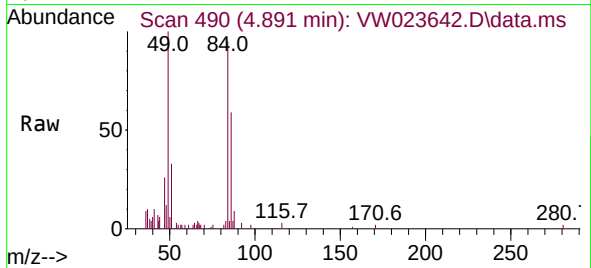




#15
Methyl Acetate
Concen: 0.185 ug/L
RT: 4.891 min Scan# 490
Delta R.T. 0.220 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

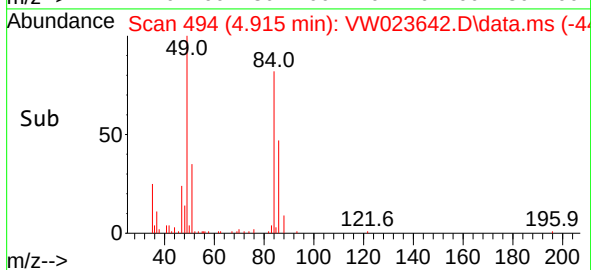
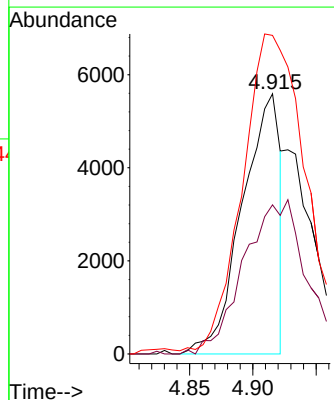
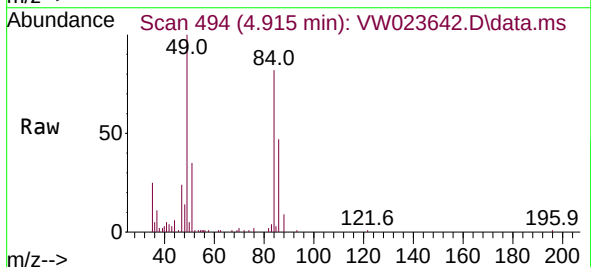
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

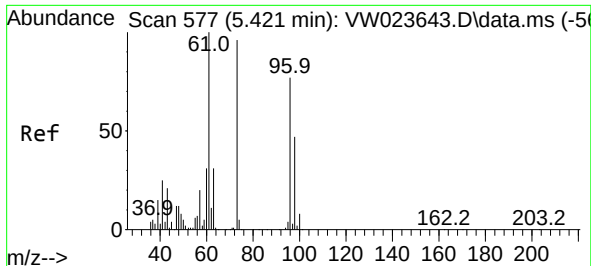
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
74 23.5 20.0 30.0



#16
Methylene chloride
Concen: 3.742 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 84 Resp: 11682
Ion Ratio Lower Upper
84 100
86 57.3 42.8 79.6
49 122.5 85.4 158.6





#17

trans-1,2-Dichloroethene

Concen: 5.673 ug/L

RT: 5.415 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

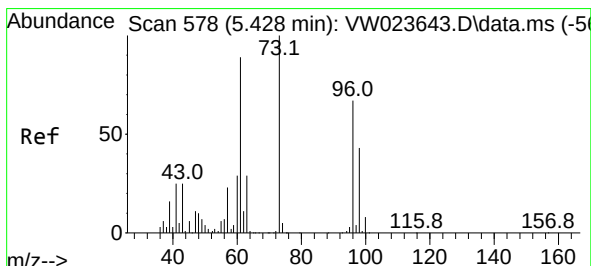
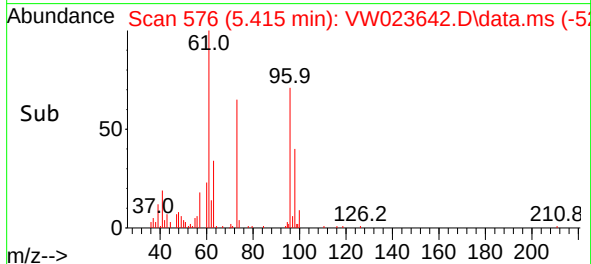
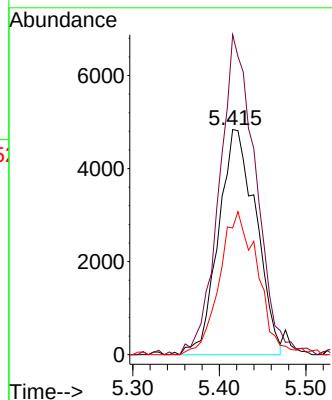
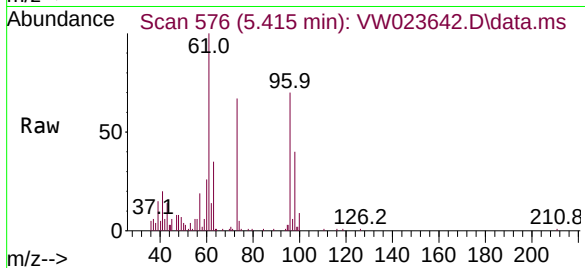
Tgt Ion: 96 Resp: 14569

Ion Ratio Lower Upper

96 100

61 142.2 90.8 168.6

98 56.3 42.8 79.6



#18

Methyl tert-butyl Ether

Concen: 5.291 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

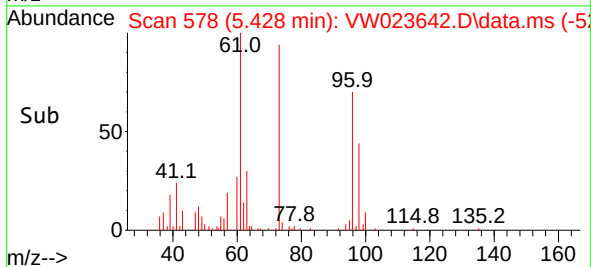
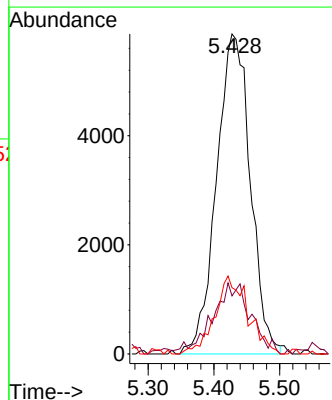
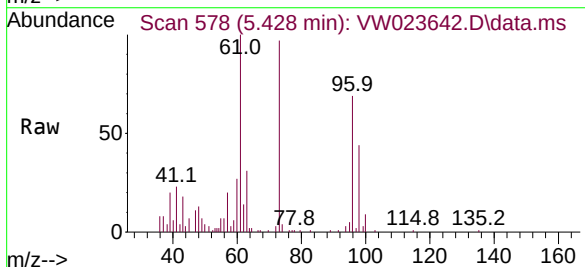
Tgt Ion: 73 Resp: 20949

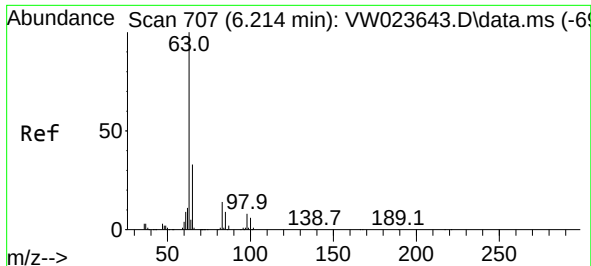
Ion Ratio Lower Upper

73 100

43 11.0 17.6 26.4#

57 16.9 16.8 25.2





#19

1,1-Dichloroethane

Concen: 5.687 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

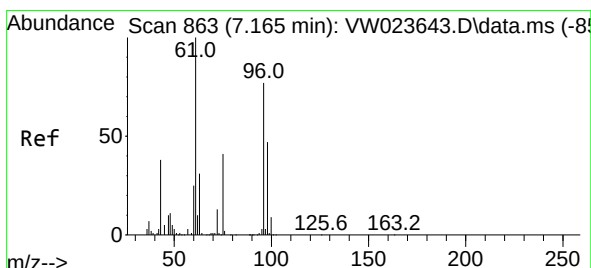
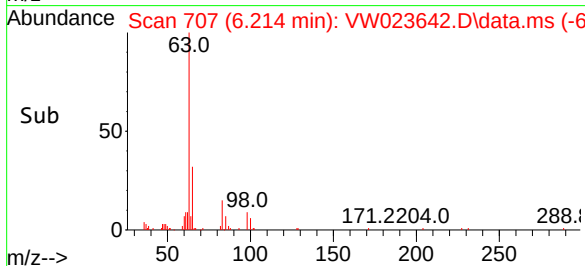
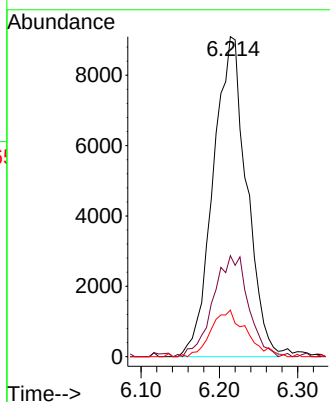
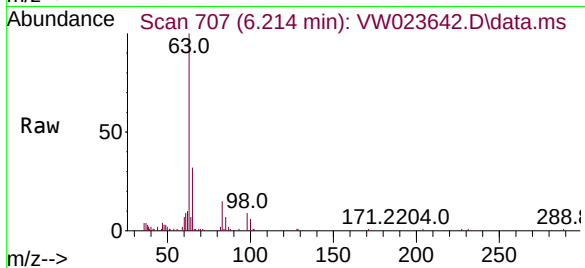
Tgt Ion: 63 Resp: 26945

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.1

83 14.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 5.559 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

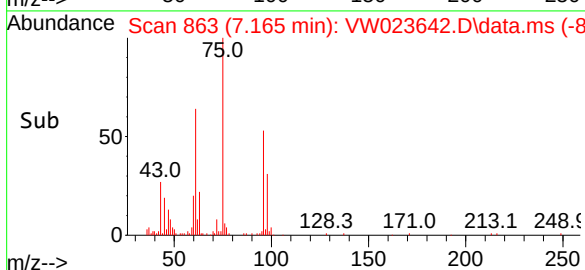
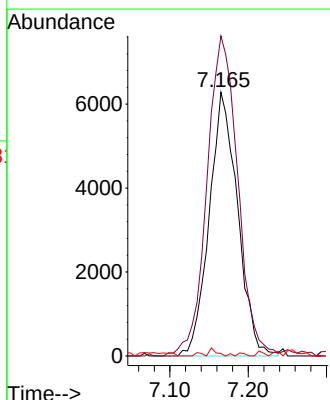
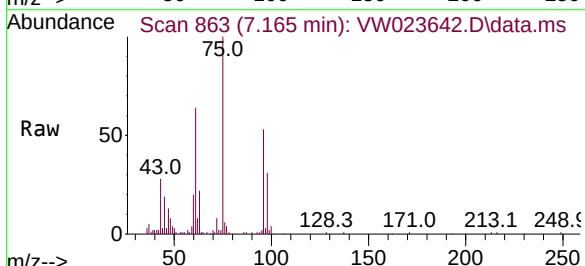
Tgt Ion: 96 Resp: 15830

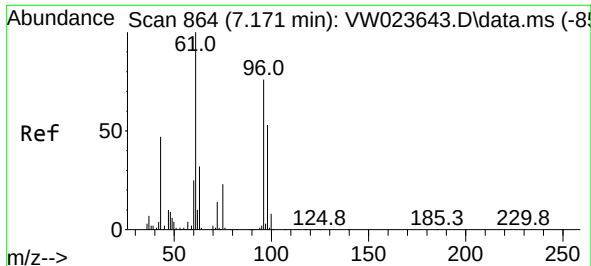
Ion Ratio Lower Upper

96 100

61 121.4 90.6 168.2

68 0.9 0.2 0.4

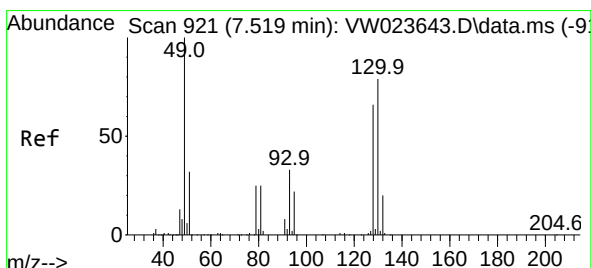
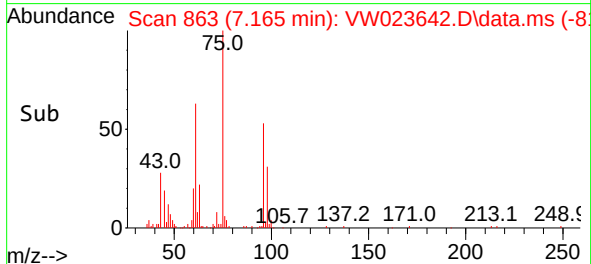
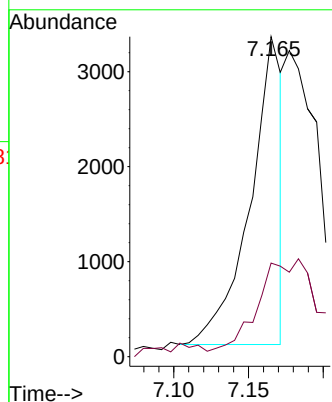
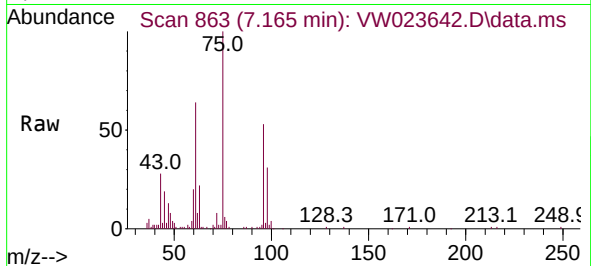




#22
2-Butanone
Concen: 5.239 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

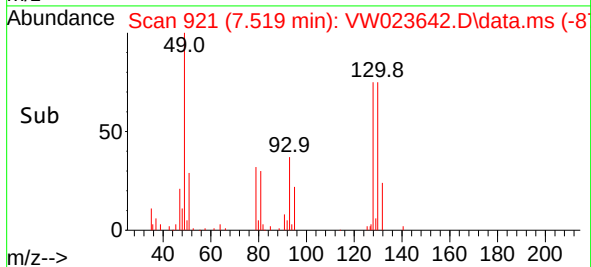
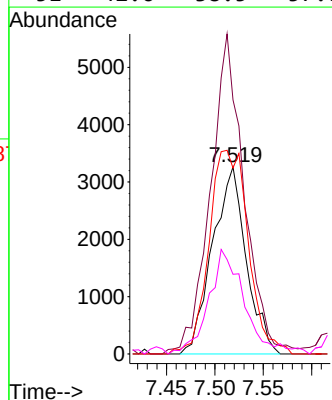
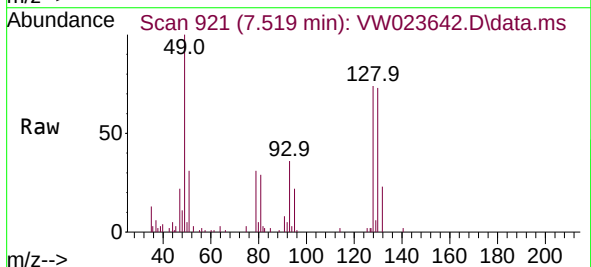
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

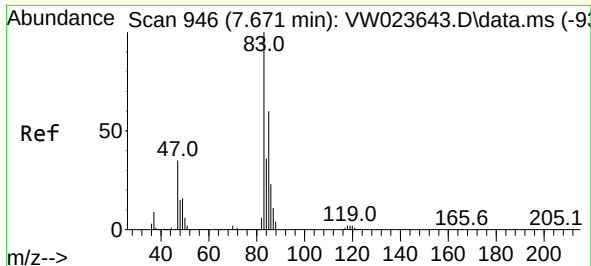
Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
72 31.0 14.7 44.1



#23
Bromochloromethane
Concen: 5.799 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 128 Resp: 7927
Ion Ratio Lower Upper
128 100
49 135.9 106.0 196.8
130 99.4 83.2 154.4
51 42.6 38.5 57.7

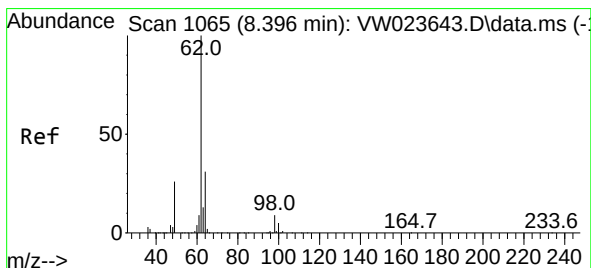
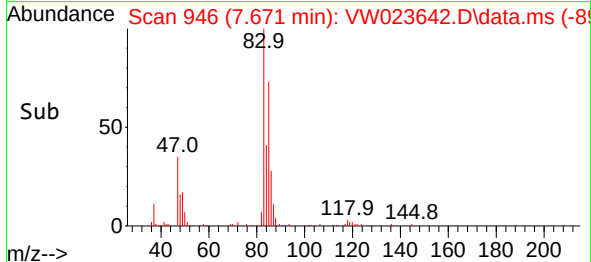
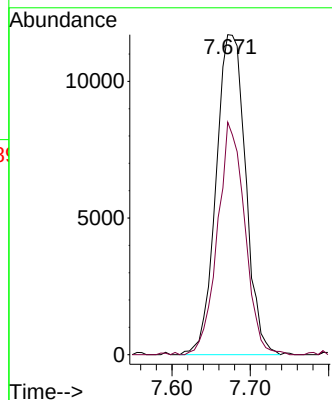
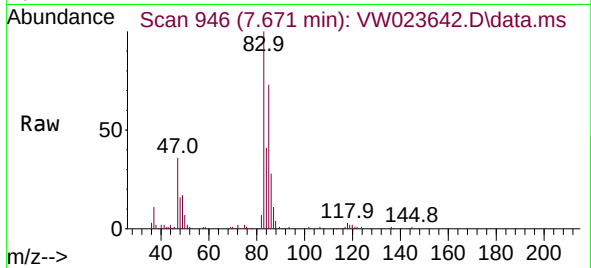




#25
Chloroform
Concen: 5.625 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

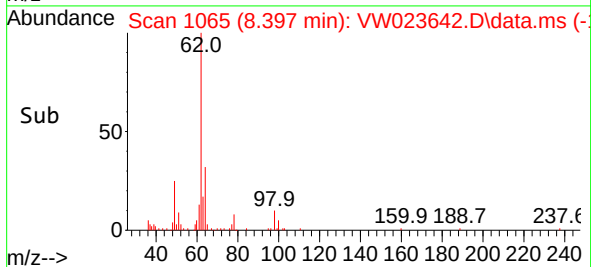
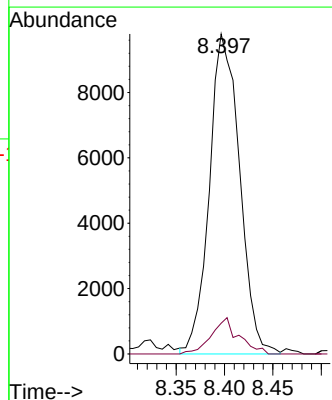
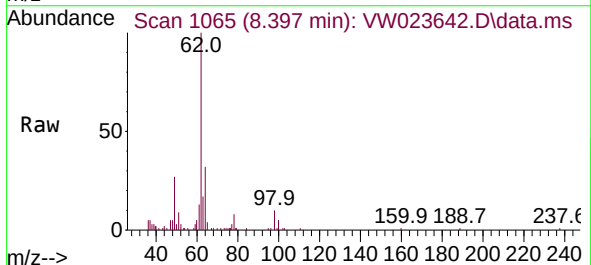
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

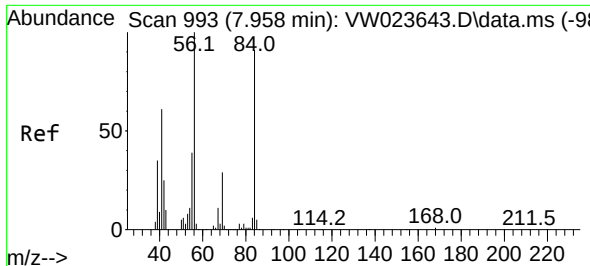
Tgt Ion: 83 Resp: 30699
Ion Ratio Lower Upper
83 100
85 72.6 41.9 77.9



#27
1,2-Dichloroethane
Concen: 5.304 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

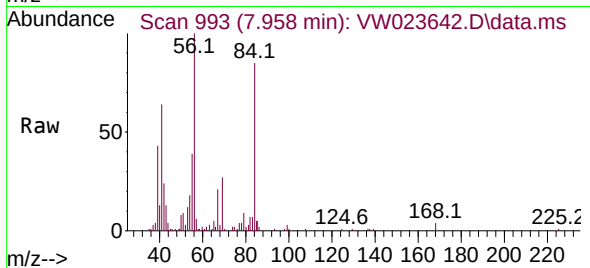
Tgt Ion: 62 Resp: 21307
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



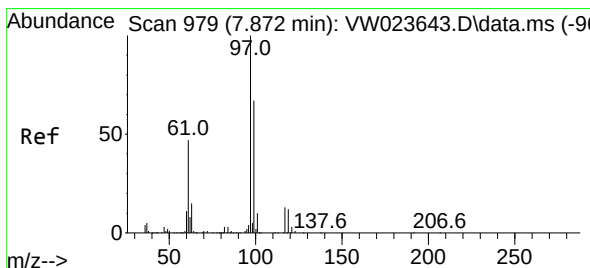
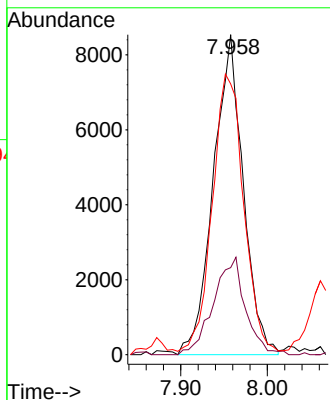
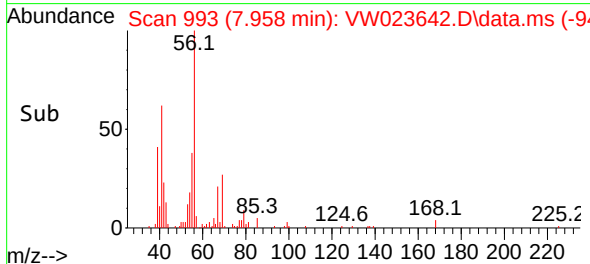


#29
Cyclohexane
Concen: 5.596 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

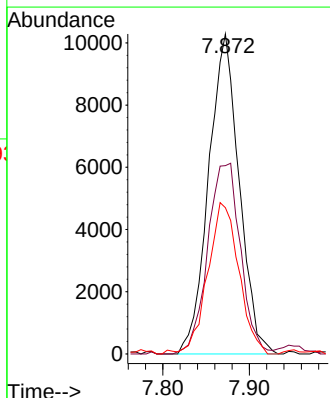
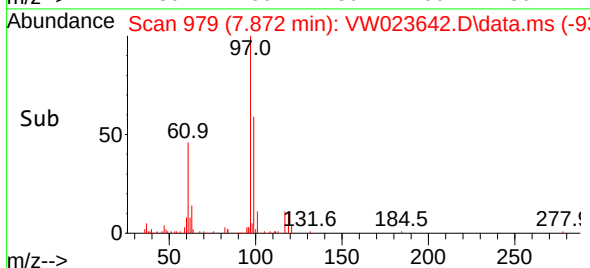
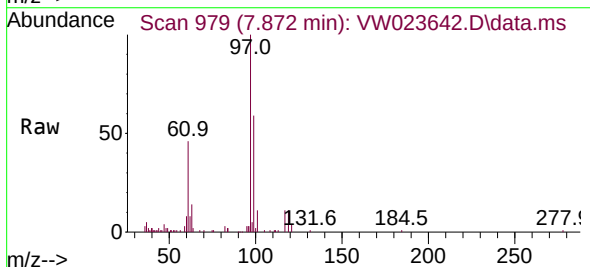


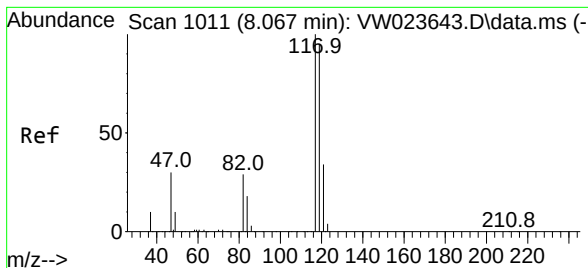
Tgt Ion:	56	Resp:	20432
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.4	38.0
84	93.4	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 5.832 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion:	97	Resp:	25211
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.0	76.6
61	47.9	37.5	56.3

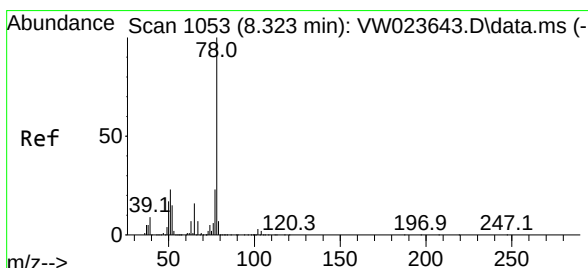
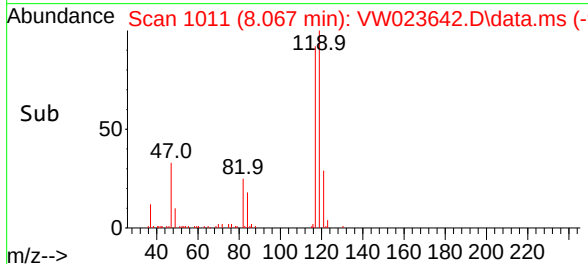
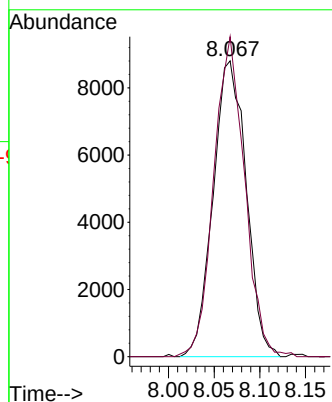
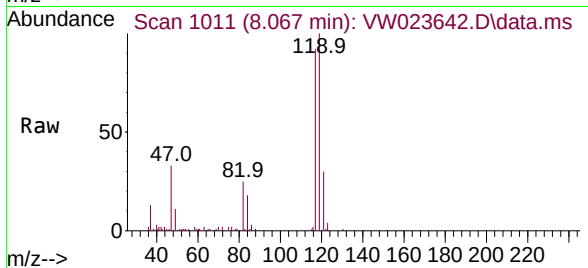




#31
Carbon tetrachloride
Concen: 5.687 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

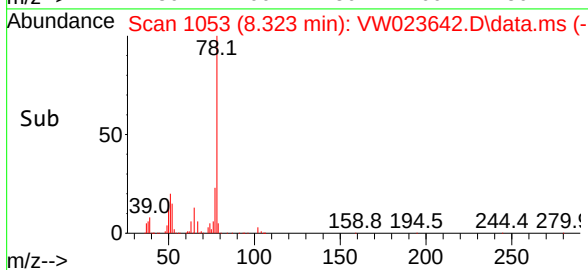
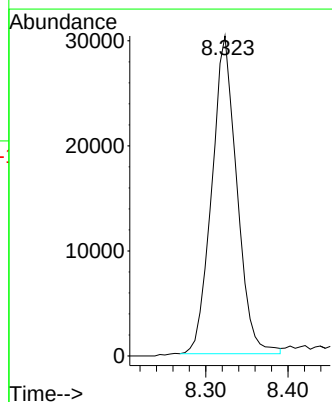
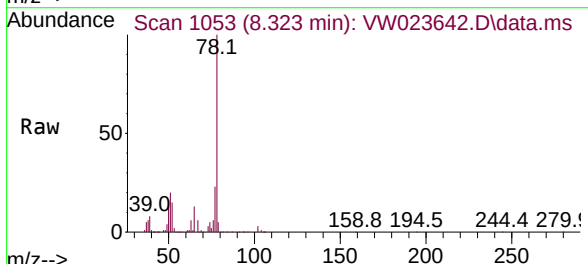
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

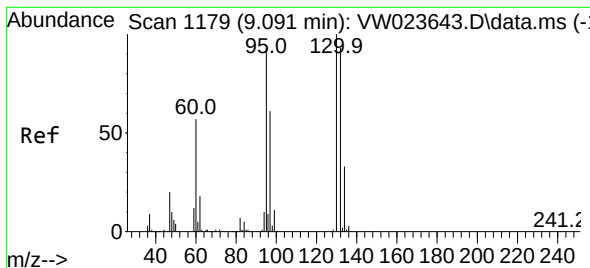
Tgt Ion:117 Resp: 22161
Ion Ratio Lower Upper
117 100
119 100.6 75.7 113.5



#33
Benzene
Concen: 5.653 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 78 Resp: 64130





#34

Trichloroethene

Concen: 5.691 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

Tgt Ion: 95 Resp: 17050

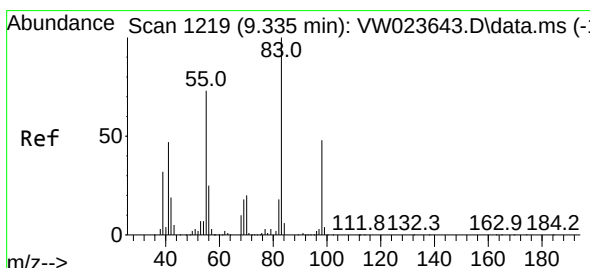
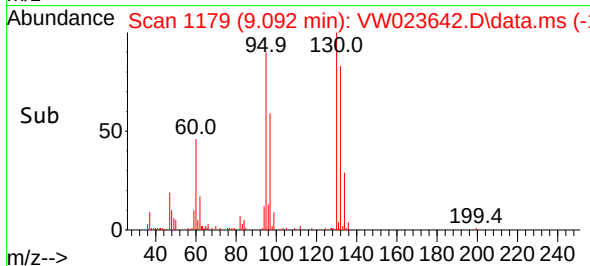
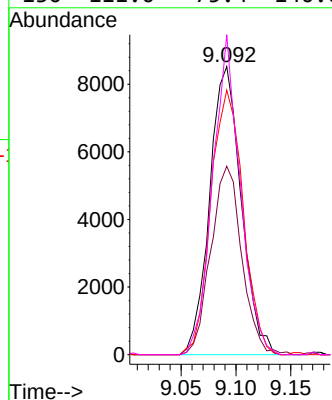
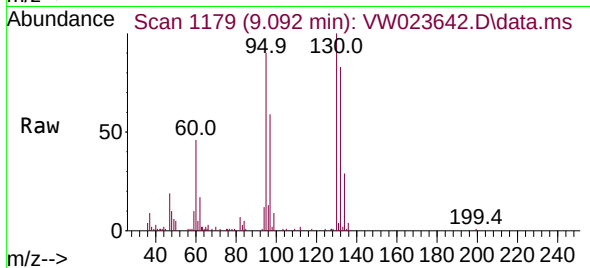
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.8

132 91.8 69.9 129.7

130 111.0 75.4 140.0



#35

Methylcyclohexane

Concen: 5.557 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

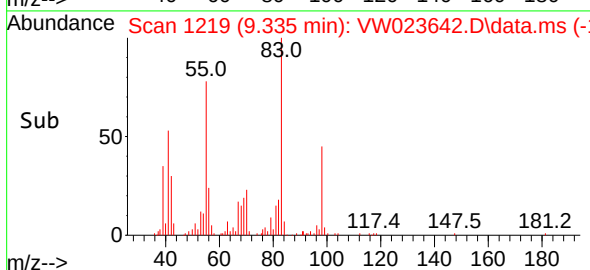
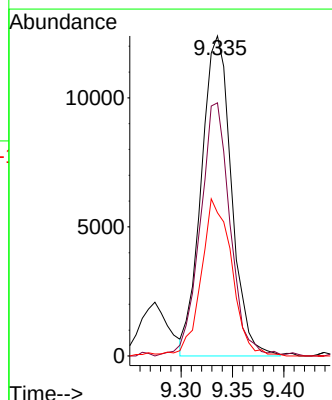
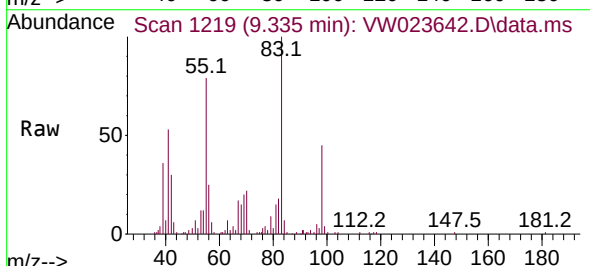
Tgt Ion: 83 Resp: 25353

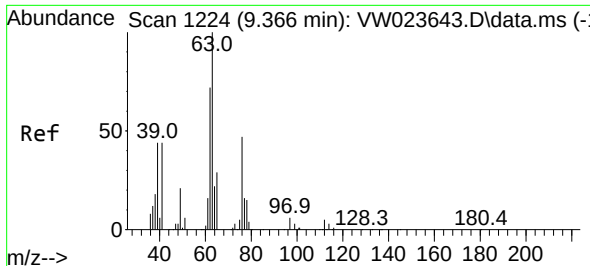
Ion Ratio Lower Upper

83 100

55 77.8 60.8 91.2

98 48.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.491 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

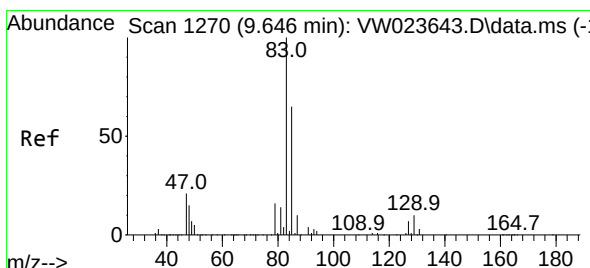
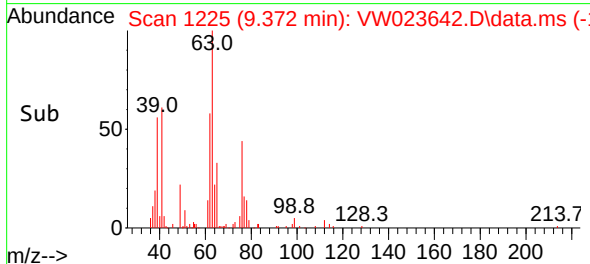
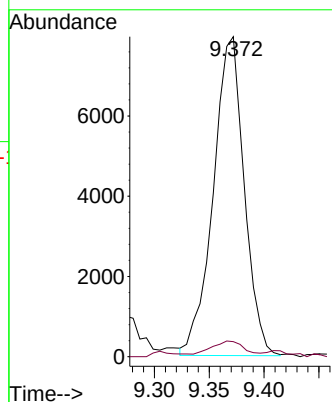
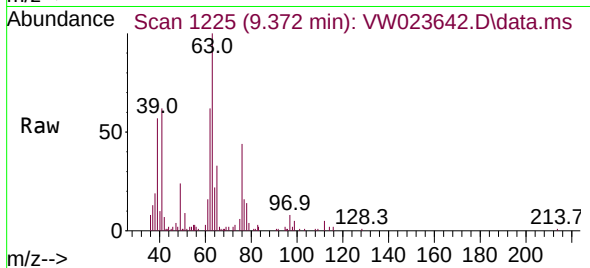
VSTD005451

Tgt Ion: 63 Resp: 15619

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.2



#38

Bromodichloromethane

Concen: 5.208 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

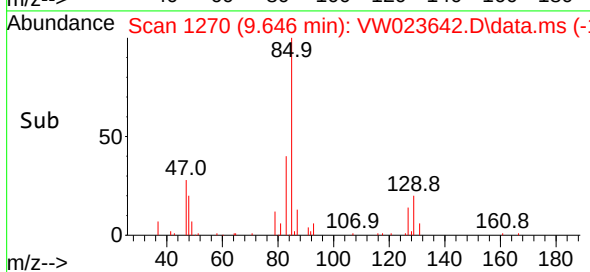
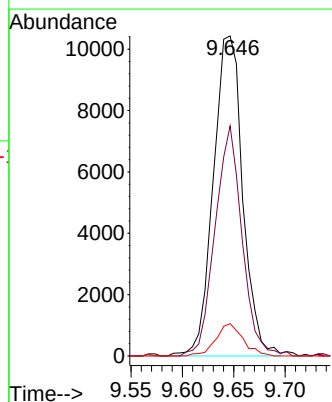
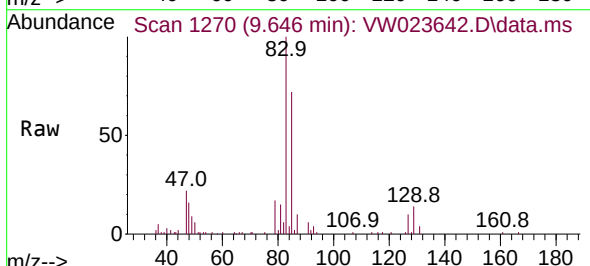
Tgt Ion: 83 Resp: 20675

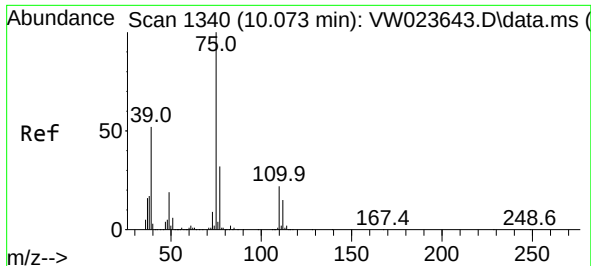
Ion Ratio Lower Upper

83 100

85 71.9 45.5 84.5

127 10.1 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 5.036 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

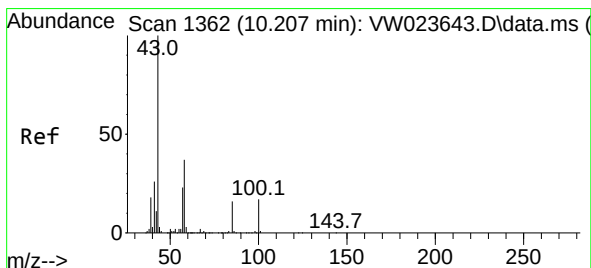
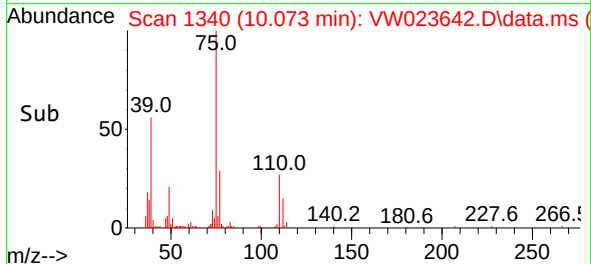
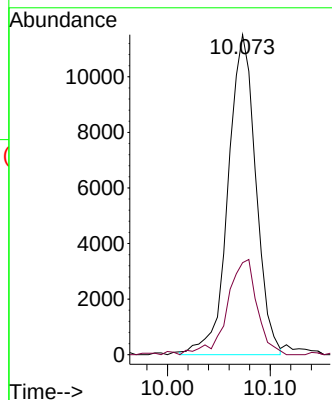
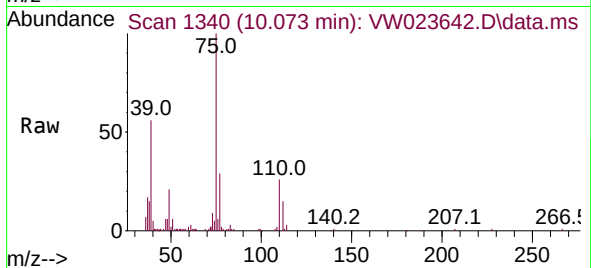
VSTD005451

Tgt Ion: 75 Resp: 21591

Ion Ratio Lower Upper

75 100

77 28.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 10.250 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

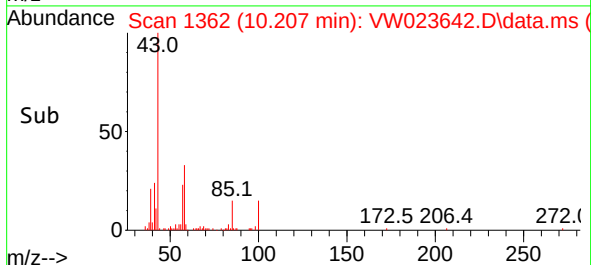
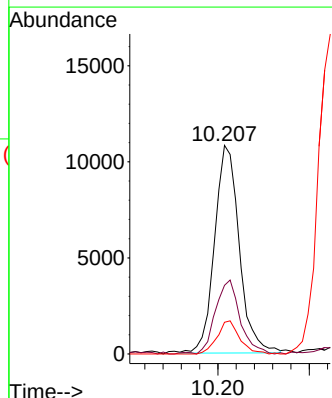
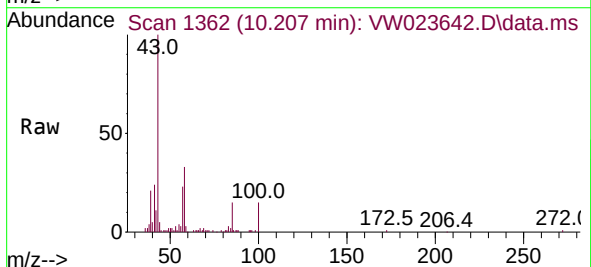
Tgt Ion: 43 Resp: 20288

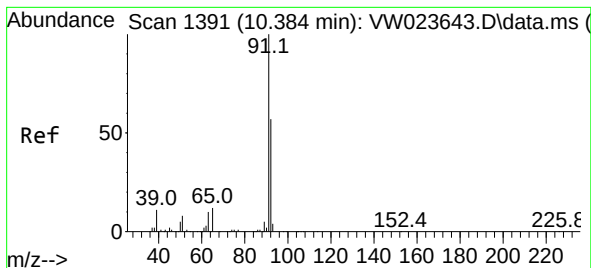
Ion Ratio Lower Upper

43 100

58 35.2 29.8 44.8

100 14.5 13.0 19.4





#42

Toluene

Concen: 5.245 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

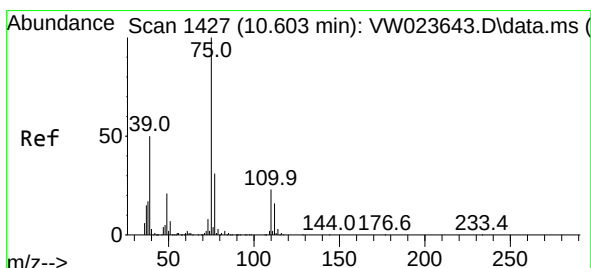
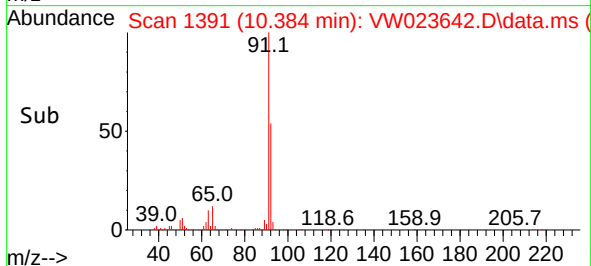
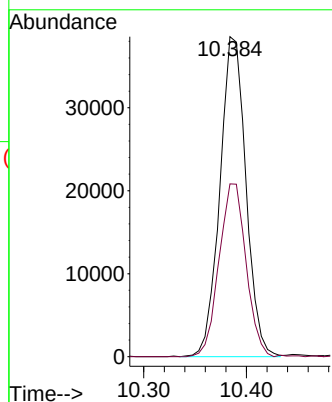
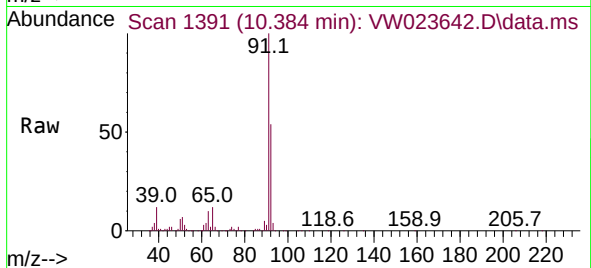
VSTD005451

Tgt Ion: 91 Resp: 67857

Ion Ratio Lower Upper

91 100

92 54.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.938 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023642.D

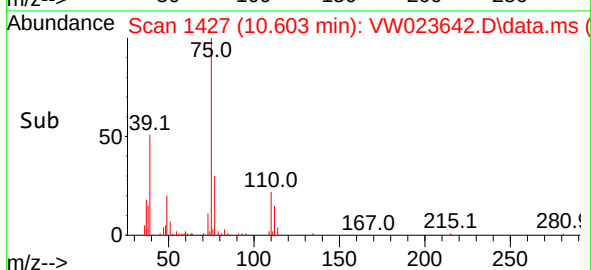
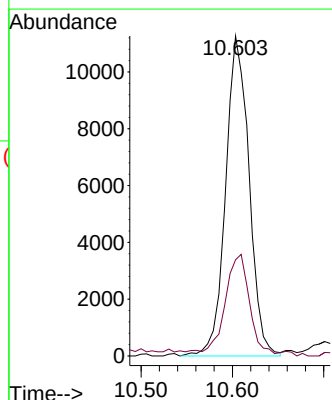
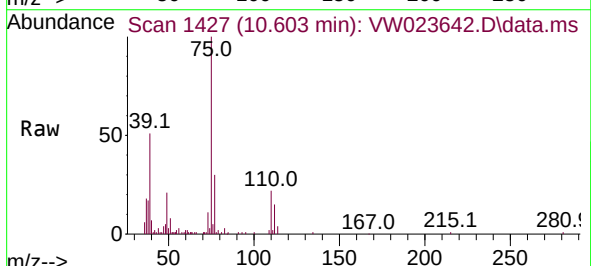
Acq: 13 Jul 2022 12:06

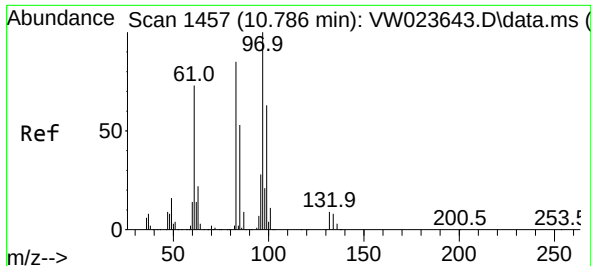
Tgt Ion: 75 Resp: 20119

Ion Ratio Lower Upper

75 100

77 30.1 22.0 41.0

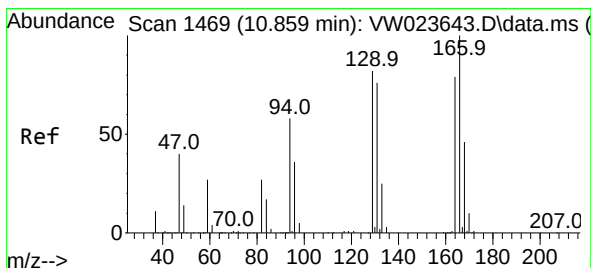
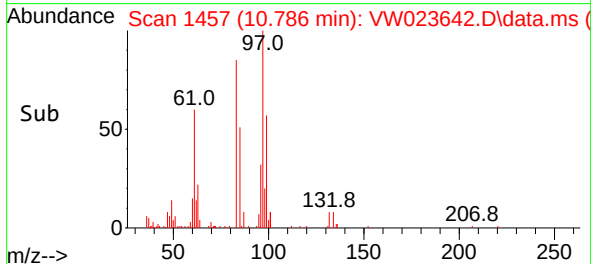
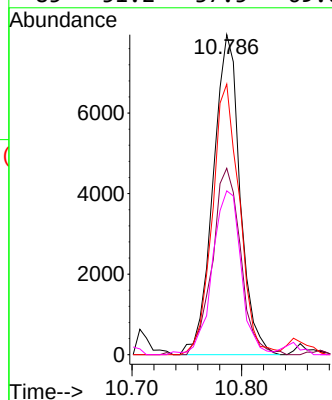
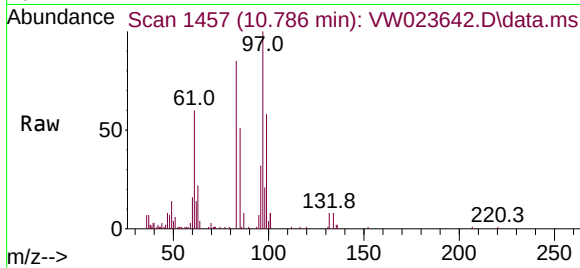




#45
1,1,2-Trichloroethane
Concen: 5.465 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

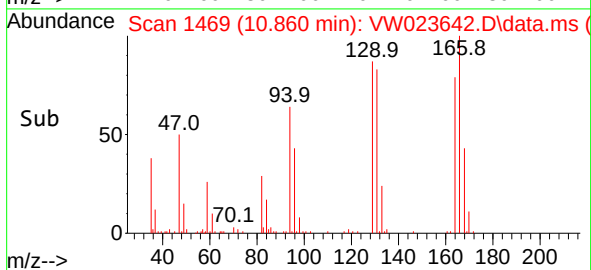
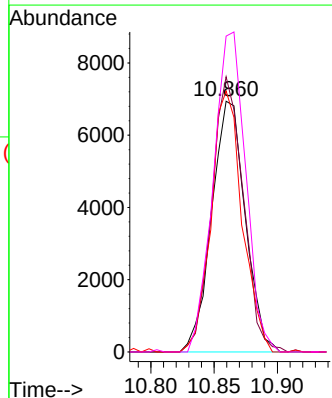
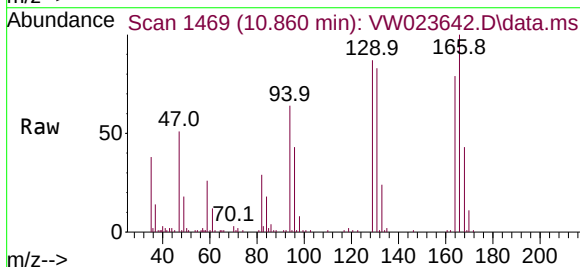
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

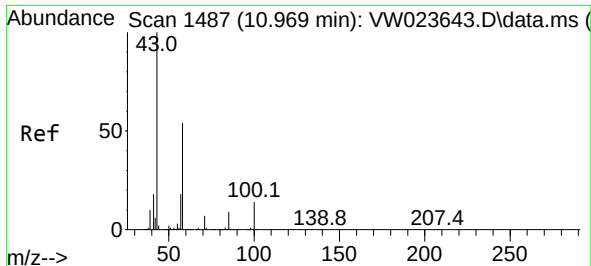
Tgt Ion:	97	Resp:	13592
Ion	Ratio	Lower	Upper
97	100		
99	58.3	44.2	82.2
83	84.6	59.8	111.0
85	51.2	37.5	69.6



#46
Tetrachloroethene
Concen: 5.520 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion:	164	Resp:	12787
Ion	Ratio	Lower	Upper
164	100		
129	109.7	72.4	134.5
131	104.1	67.8	125.8
166	126.0	88.9	165.1

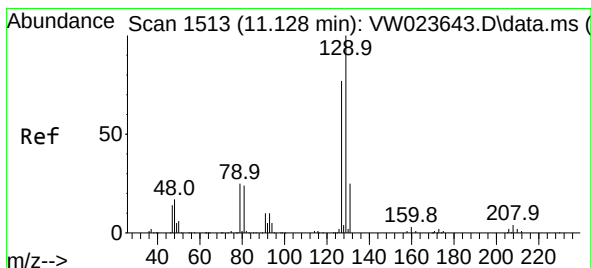
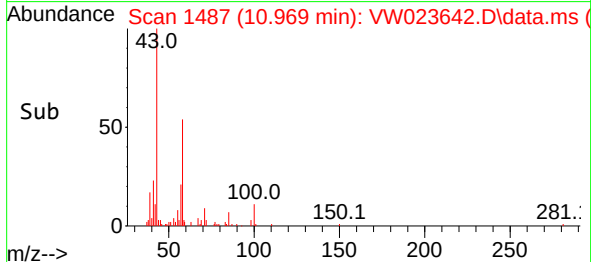
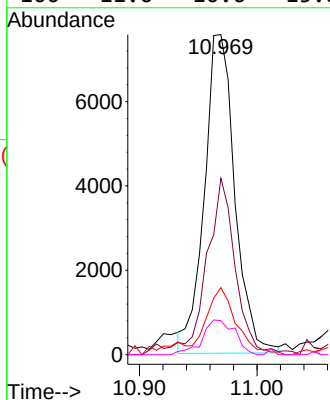
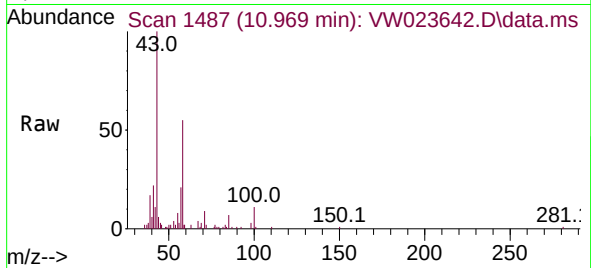




#48
2-Hexanone
Concen: 9.623 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

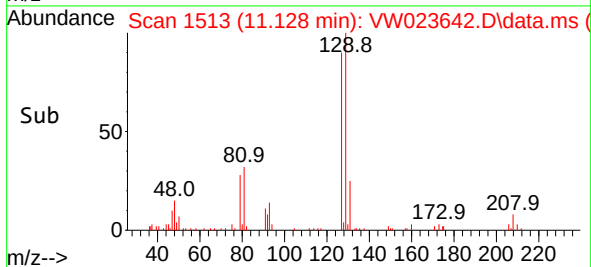
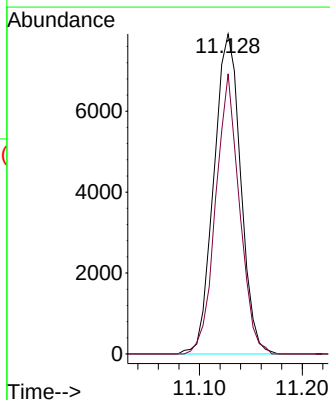
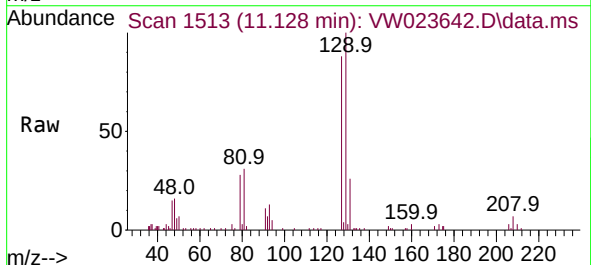
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

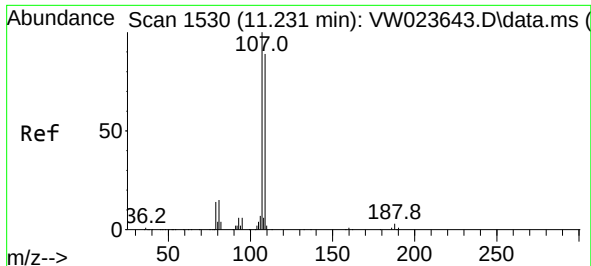
Tgt Ion:	43	Resp:	13626
Ion	Ratio	Lower	Upper
43	100		
58	51.1	41.6	62.4
57	20.7	14.6	21.8
100	11.6	10.6	15.8



#49
Dibromochloromethane
Concen: 4.971 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion:	129	Resp:	14336
Ion	Ratio	Lower	Upper
129	100		
127	87.5	53.7	99.7





#50

1,2-Dibromoethane

Concen: 5.167 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

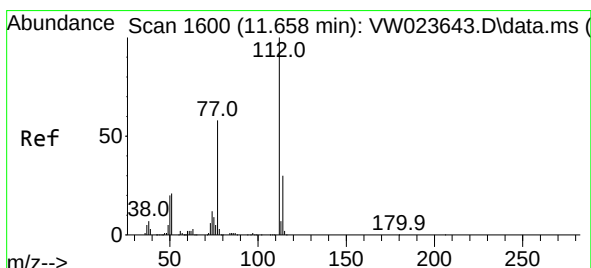
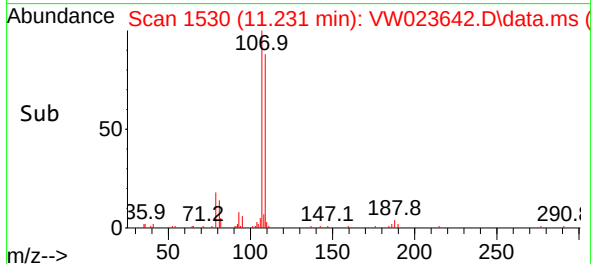
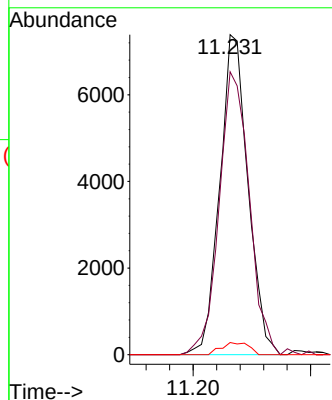
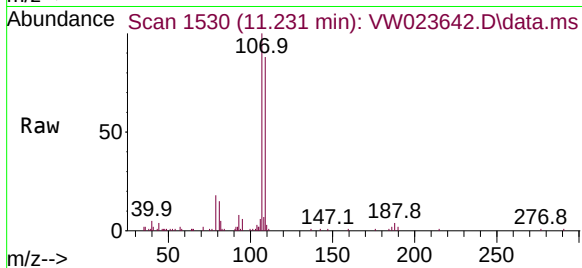
Tgt Ion:107 Resp: 12346

Ion Ratio Lower Upper

107 100

109 88.4 62.4 116.0

188 3.8 2.3 3.5#



#51

Chlorobenzene

Concen: 5.336 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

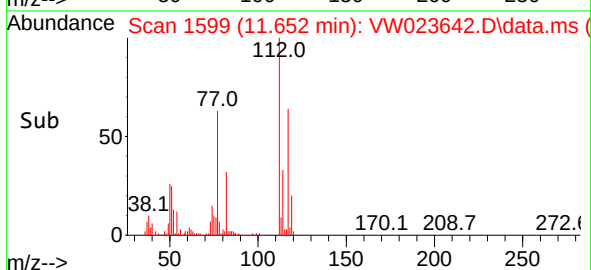
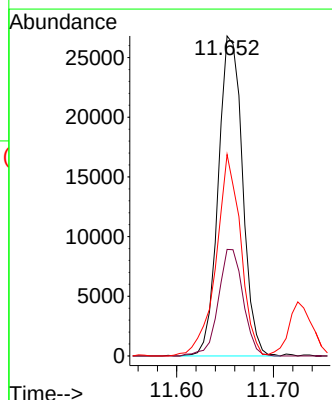
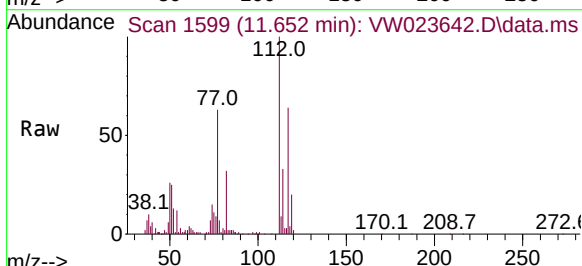
Tgt Ion:112 Resp: 46564

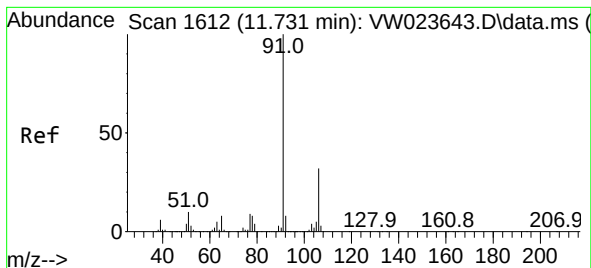
Ion Ratio Lower Upper

112 100

114 33.3 21.1 39.3

77 63.0 46.6 69.8

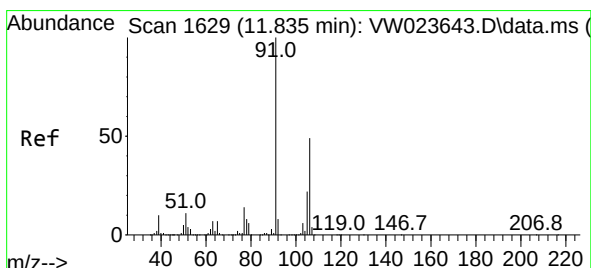
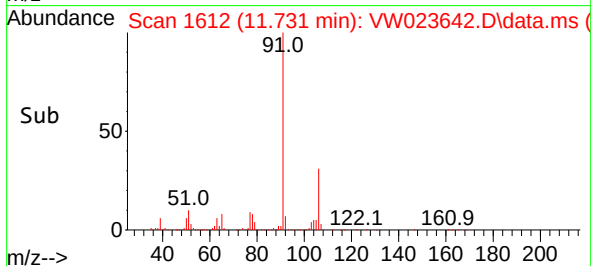
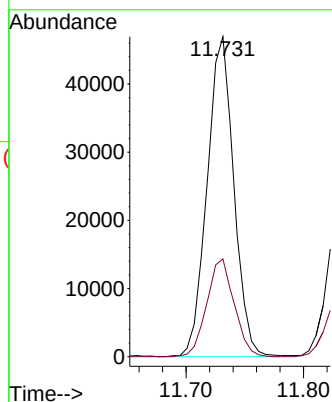
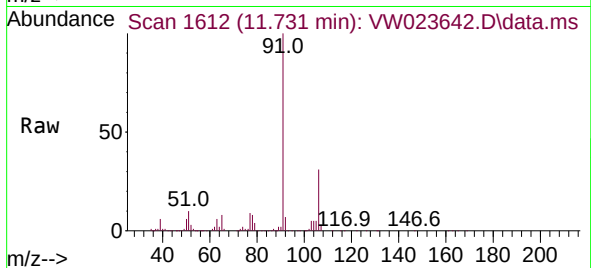




#52
Ethylbenzene
Concen: 5.044 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

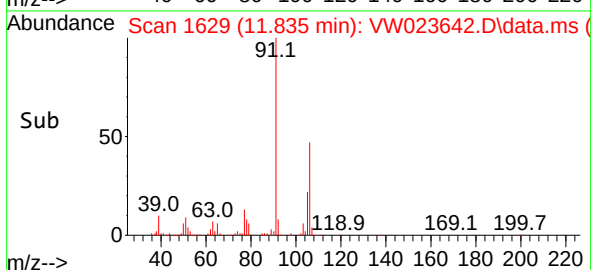
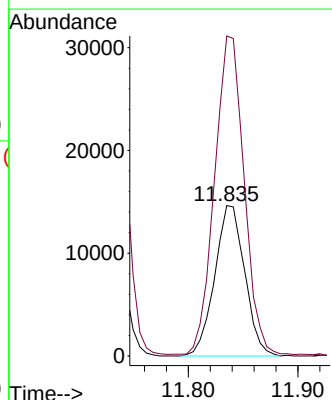
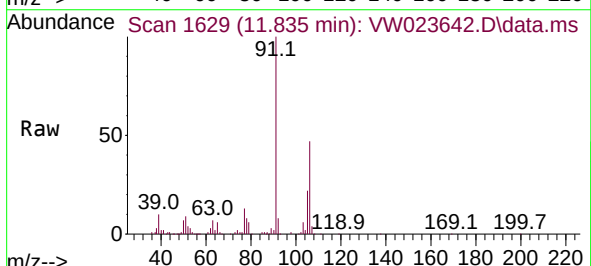
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

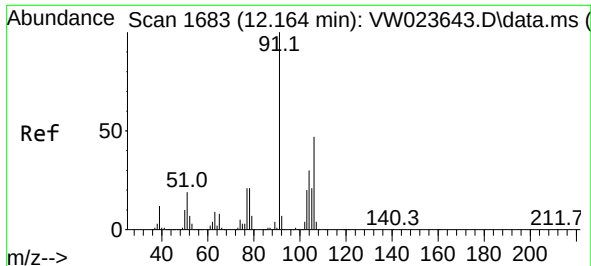
Tgt Ion: 91 Resp: 74158
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.9



#53
m,p-Xylene
Concen: 4.848 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion: 106 Resp: 27813
Ion Ratio Lower Upper
106 100
91 212.9 142.8 265.2

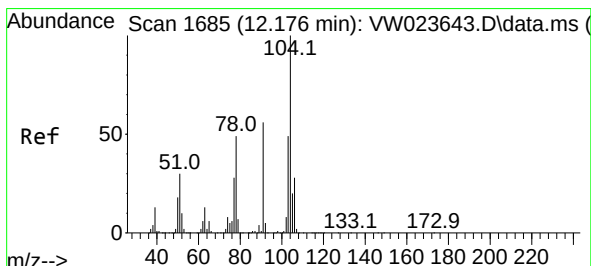
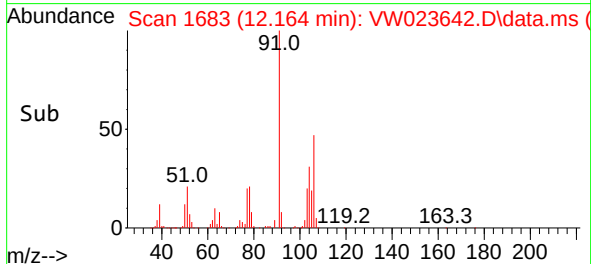
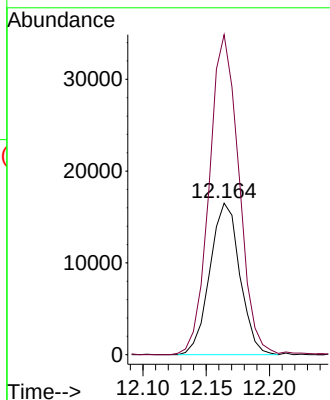
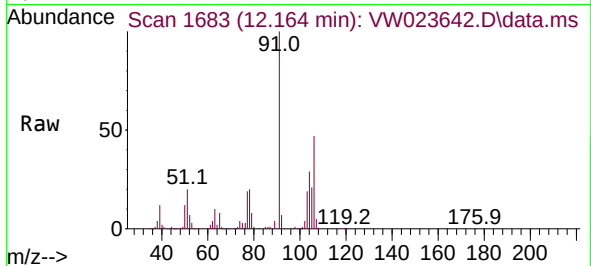




#54
o-Xylene
Concen: 4.931 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

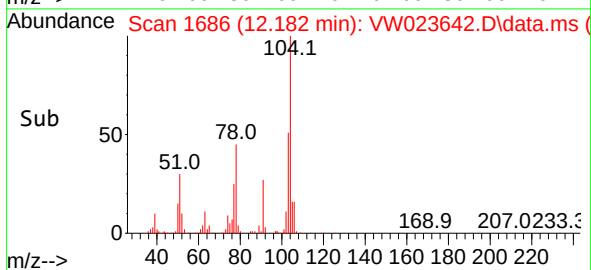
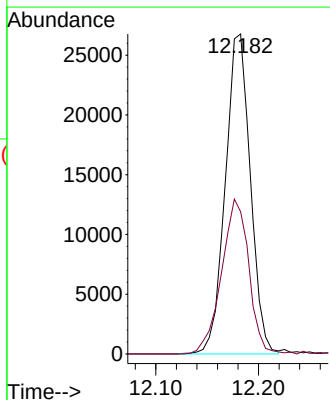
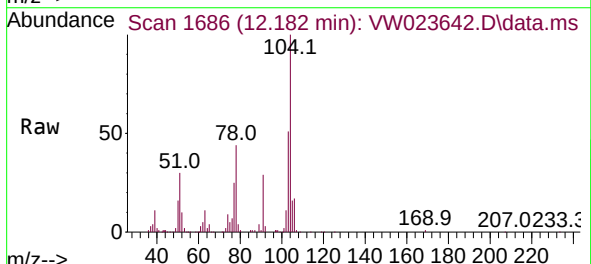
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

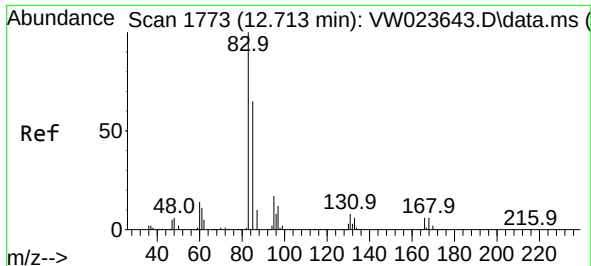
Tgt Ion:106 Resp: 27166
Ion Ratio Lower Upper
106 100
91 211.2 149.6 277.8



#55
Styrene
Concen: 4.659 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion:104 Resp: 45340
Ion Ratio Lower Upper
104 100
78 44.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.185 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

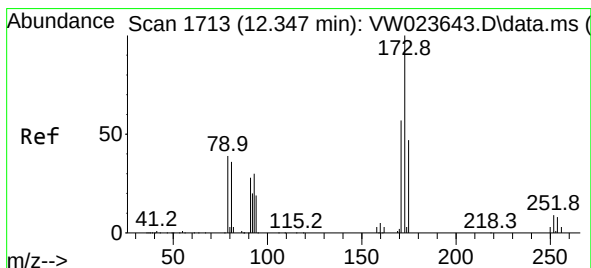
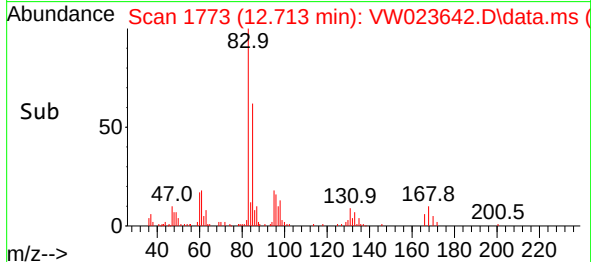
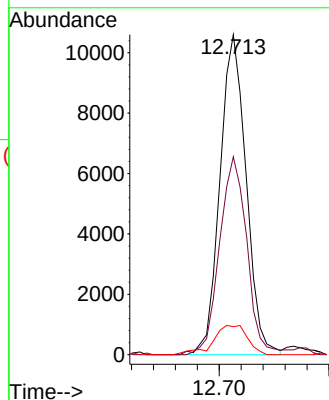
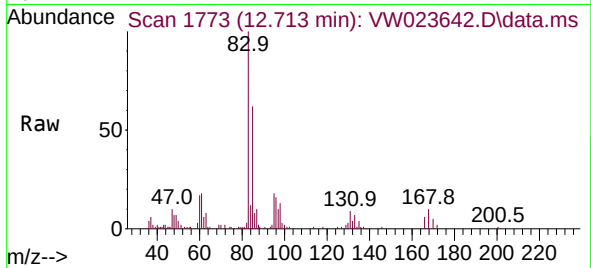
Tgt Ion: 83 Resp: 17590

Ion Ratio Lower Upper

83 100

85 61.8 46.5 86.3

131 8.7 7.4 11.0



#59

Bromoform

Concen: 5.011 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

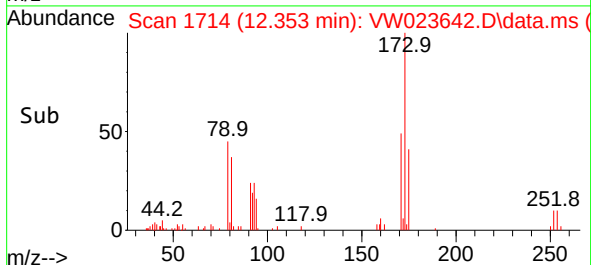
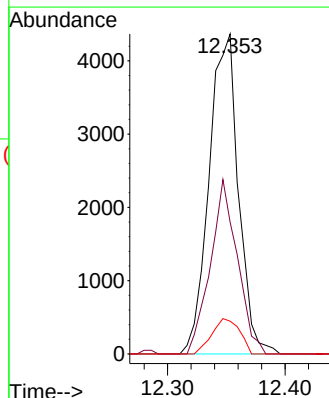
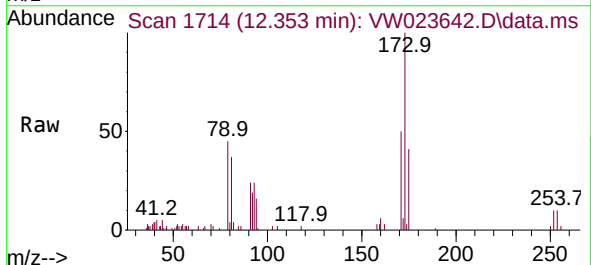
Tgt Ion: 173 Resp: 7587

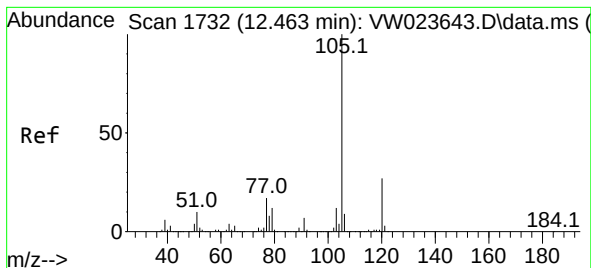
Ion Ratio Lower Upper

173 100

175 50.0 38.9 58.3

254 10.4 5.9 8.9#





#60

Isopropylbenzene

Concen: 5.158 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

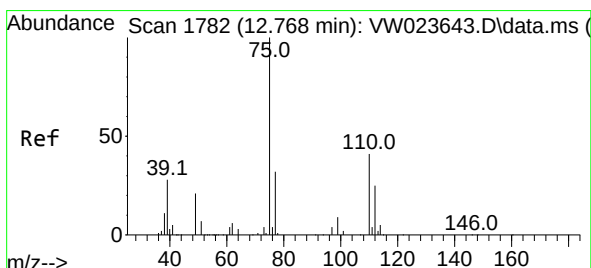
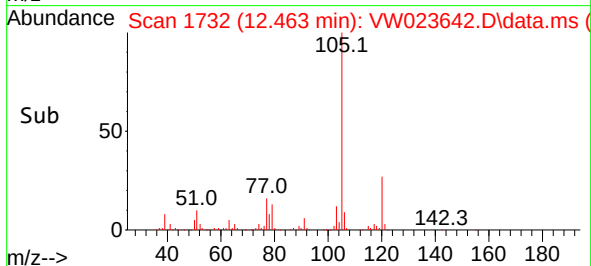
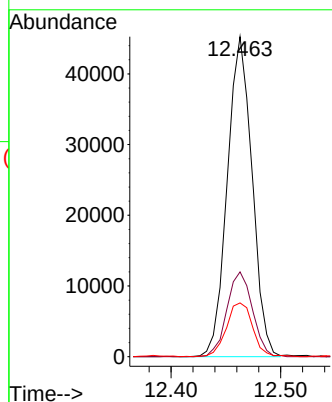
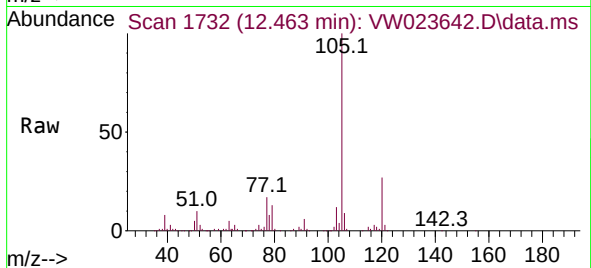
Tgt Ion:105 Resp: 71152

Ion Ratio Lower Upper

105 100

120 27.3 20.7 31.1

77 17.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.645 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

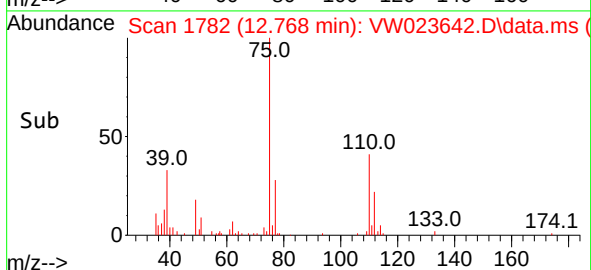
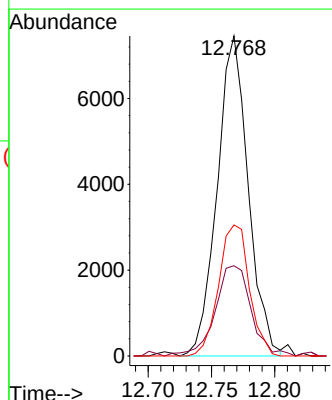
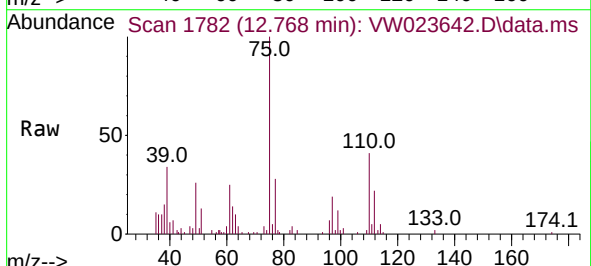
Tgt Ion: 75 Resp: 12710

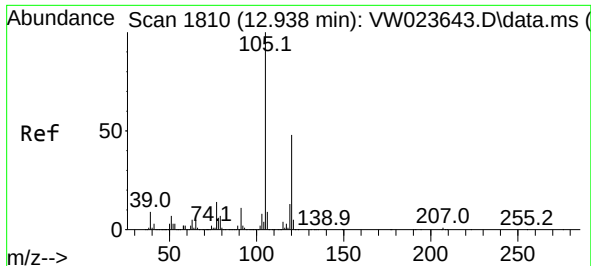
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

110 40.6 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 4.917 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

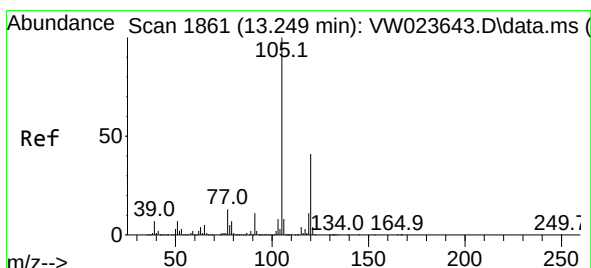
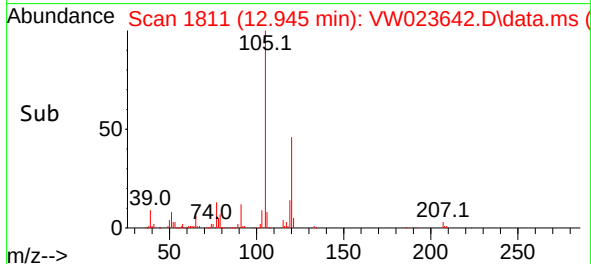
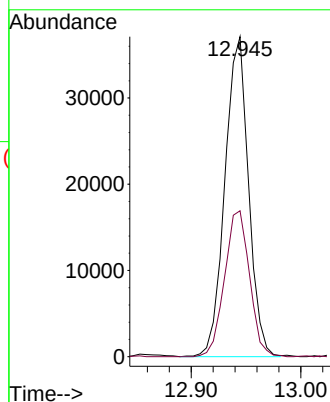
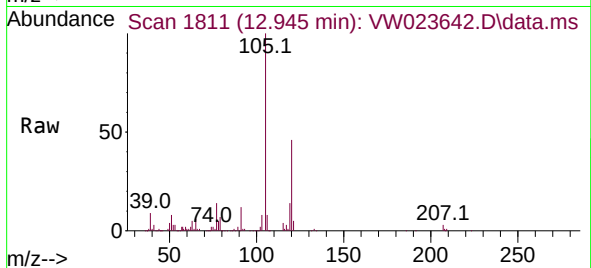
VSTD005451

Tgt Ion:105 Resp: 55533

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.846 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023642.D

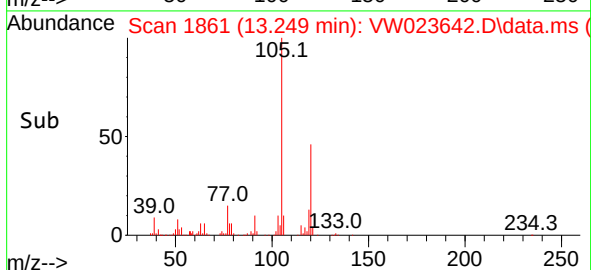
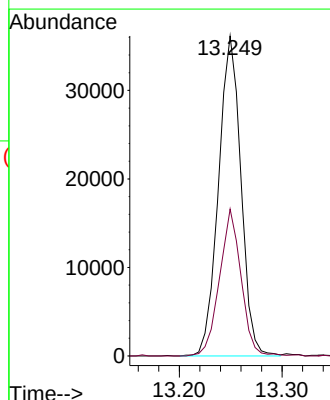
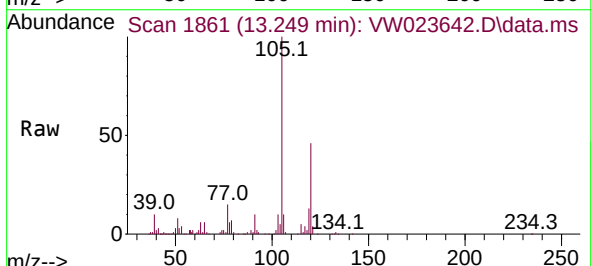
Acq: 13 Jul 2022 12:06

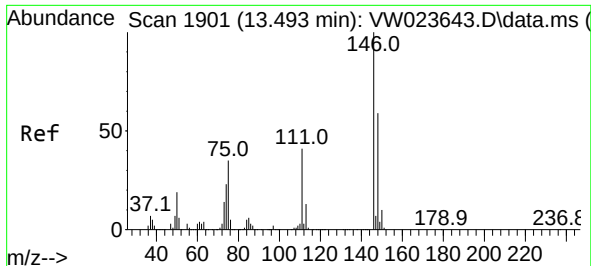
Tgt Ion:105 Resp: 54719

Ion Ratio Lower Upper

105 100

120 44.1 35.5 53.3

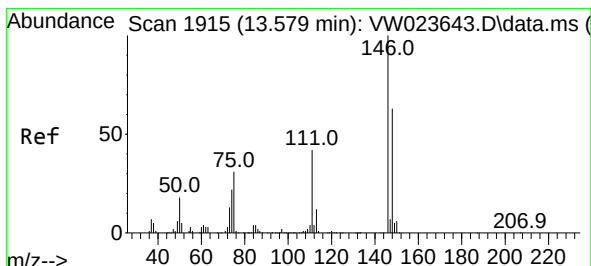
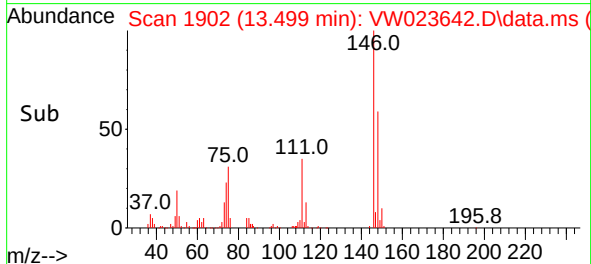
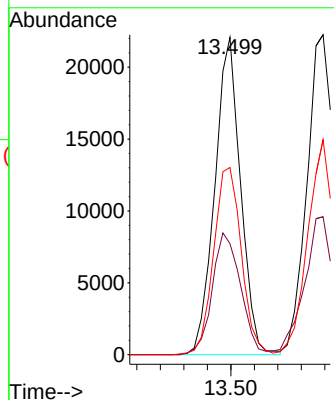
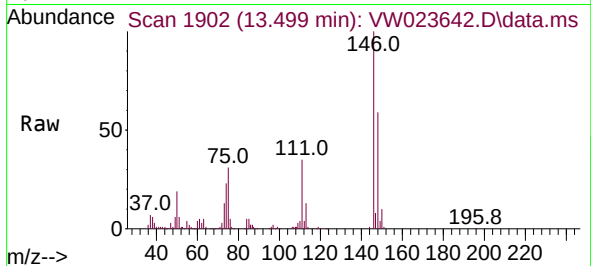




#64
1,3-Dichlorobenzene
Concen: 5.376 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

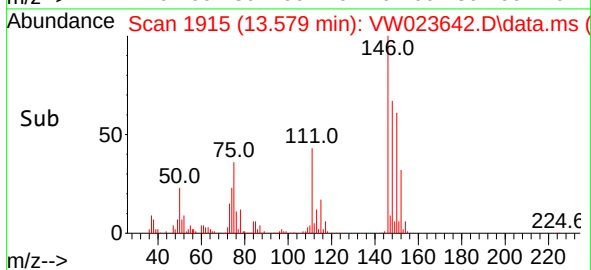
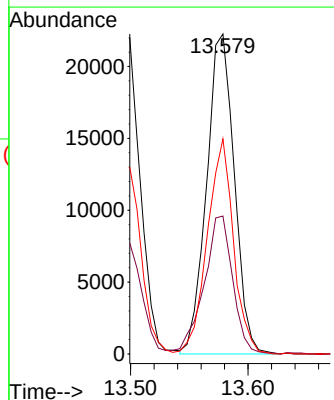
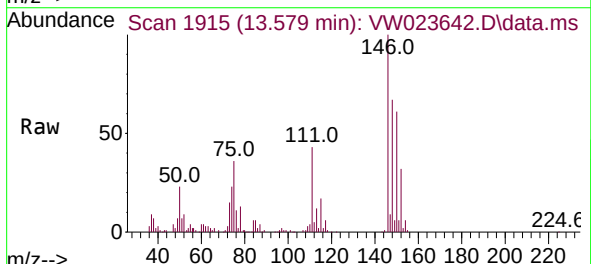
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

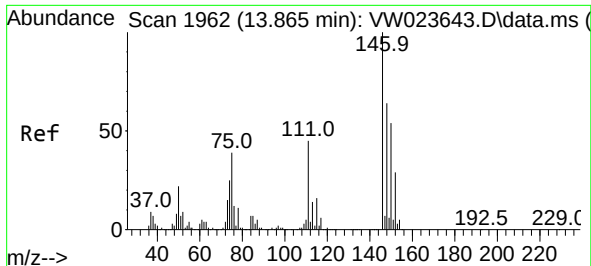
Tgt Ion:146 Resp: 33671
Ion Ratio Lower Upper
146 100
111 35.0 28.6 53.2
148 59.0 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 5.490 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023642.D
Acq: 13 Jul 2022 12:06

Tgt Ion:146 Resp: 36577
Ion Ratio Lower Upper
146 100
111 43.1 29.4 54.6
148 67.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 5.355 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

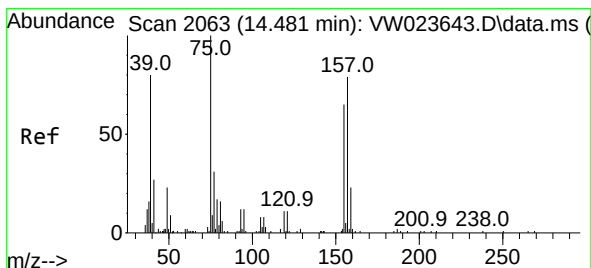
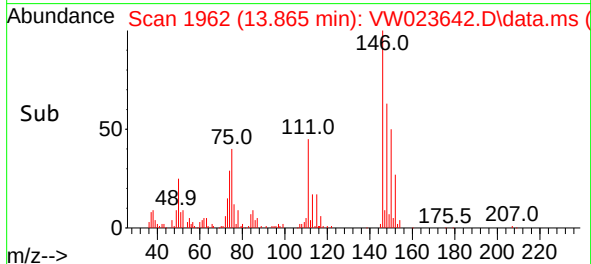
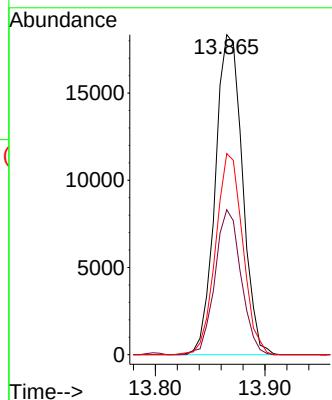
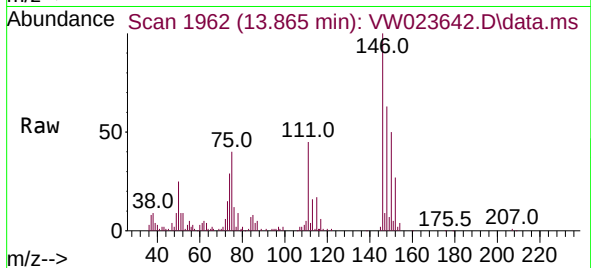
Tgt Ion:146 Resp: 31627

Ion Ratio Lower Upper

146 100

111 45.3 35.9 53.9

148 62.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.771 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

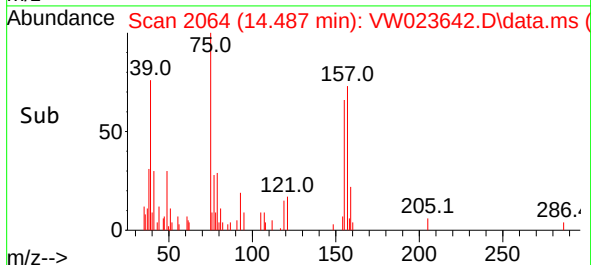
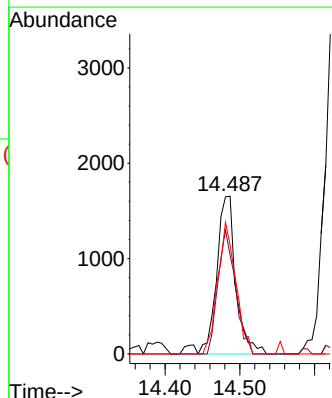
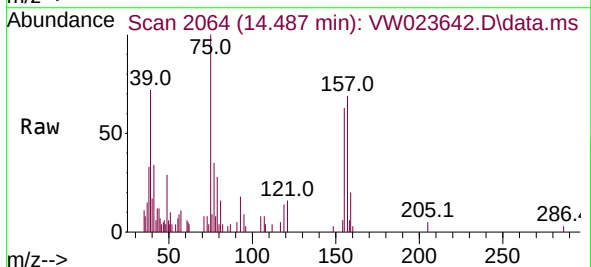
Tgt Ion: 75 Resp: 2997

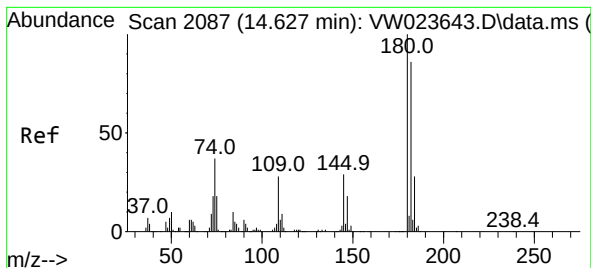
Ion Ratio Lower Upper

75 100

155 62.6 51.7 77.5

157 68.8 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 5.400 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

Tgt Ion:180 Resp: 22386

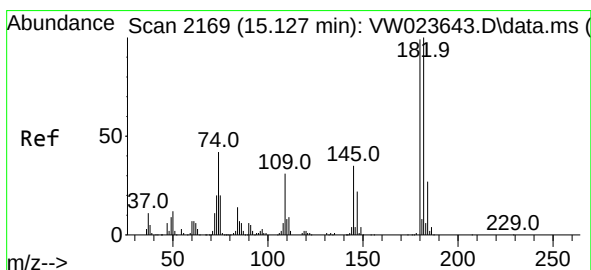
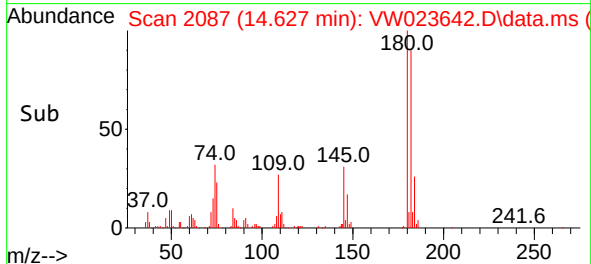
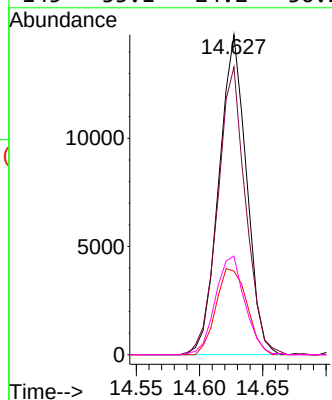
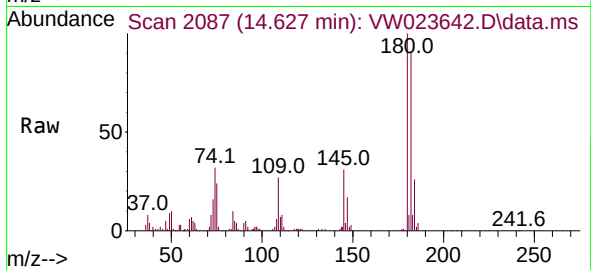
Ion Ratio Lower Upper

180 100

182 91.0 70.2 105.2

184 30.2 22.6 34.0

145 33.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.066 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

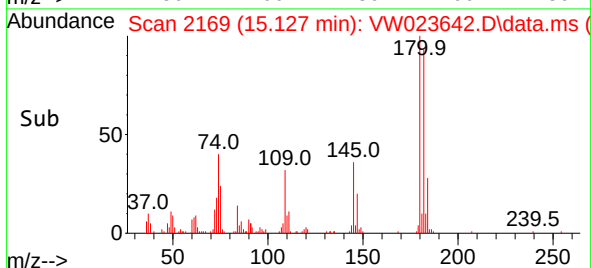
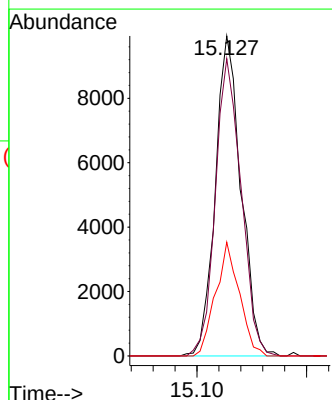
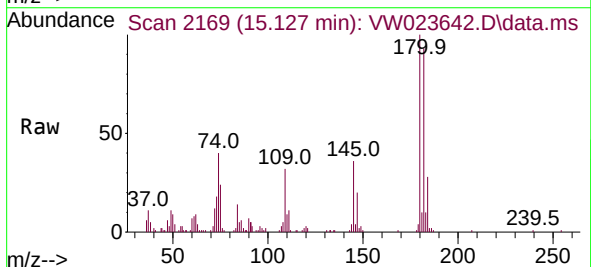
Tgt Ion:180 Resp: 16216

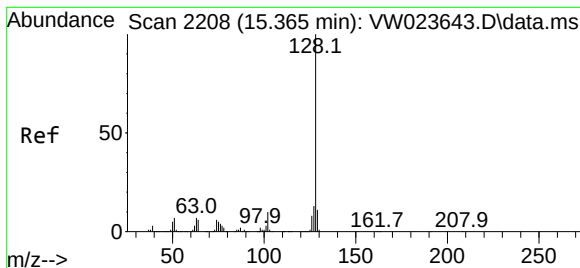
Ion Ratio Lower Upper

180 100

182 93.0 77.5 116.3

145 32.8 26.3 39.5





#71

Naphthalene

Concen: 4.316 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

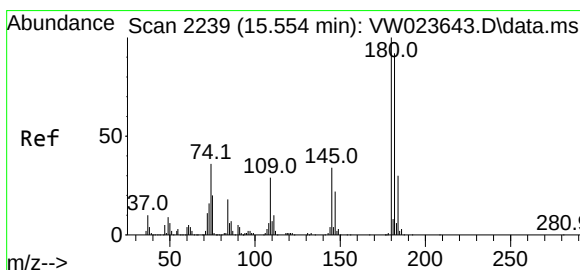
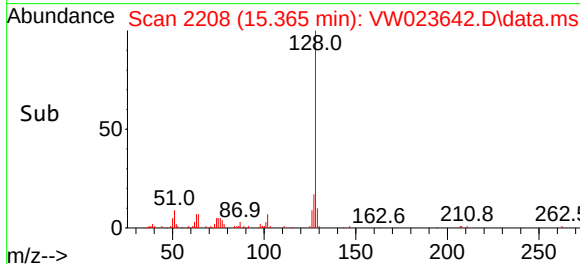
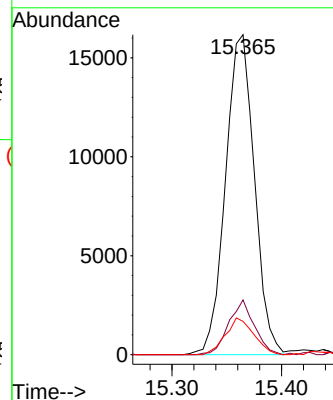
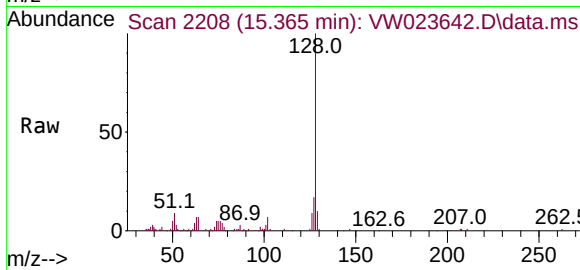
Tgt Ion:128 Resp: 29634

Ion Ratio Lower Upper

128 100

127 15.2 11.0 16.4

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 4.897 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023642.D

Acq: 13 Jul 2022 12:06

Tgt Ion:180 Resp: 14610

Ion Ratio Lower Upper

180 100

182 100.8 76.3 114.5

145 35.9 27.8 41.6

