

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024869.D
 Acq On : 12 Oct 2022 13:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Oct 12 23:14:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:05:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	503090	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	468056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	220838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	138573	23.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
7) Chloroethane-d5	2.892	69	85770	24.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.032	63	330974	25.647	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.600%
21) 2-Butanone-d5	7.080	46	86703	46.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
24) Chloroform-d	7.653	84	341749	24.084	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	8.305	65	173082	23.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.240%
32) Benzene-d6	8.275	84	705949	24.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.275	67	215486	23.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	639288	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.579	79	82870	24.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.921	63	67588	44.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156743	22.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	187283	23.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	47572	21.135	ug/L	94
3) Chloromethane	2.221	50	138685	26.455	ug/L	100
5) Vinyl chloride	2.367	62	199601	27.908	ug/L	100
6) Bromomethane	2.782	94	94105	27.090	ug/L	96
8) Chloroethane	2.928	64	82765	27.773	ug/L	99
9) Trichlorofluoromethane	3.263	101	113213	32.001	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	185825	25.798	ug/L	99
12) 1,1-Dichloroethene	4.050	96	182583	26.788	ug/L	85
13) Acetone	4.135	43	58505	44.457	ug/L	98
14) Carbon disulfide	4.391	76	622594	27.965	ug/L	100
15) Methyl Acetate	4.678	43	78425	24.487	ug/L	100
16) Methylene chloride	4.922	84	202684	22.818	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	200497	27.024	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	303150	27.496	ug/L	99
19) 1,1-Dichloroethane	6.220	63	369534	26.922	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	211476	26.374	ug/L	96
22) 2-Butanone	7.177	43	100809	45.919	ug/L	99
23) Bromochloromethane	7.519	128	85994	26.220	ug/L	87
25) Chloroform	7.677	83	358304	26.595	ug/L	99

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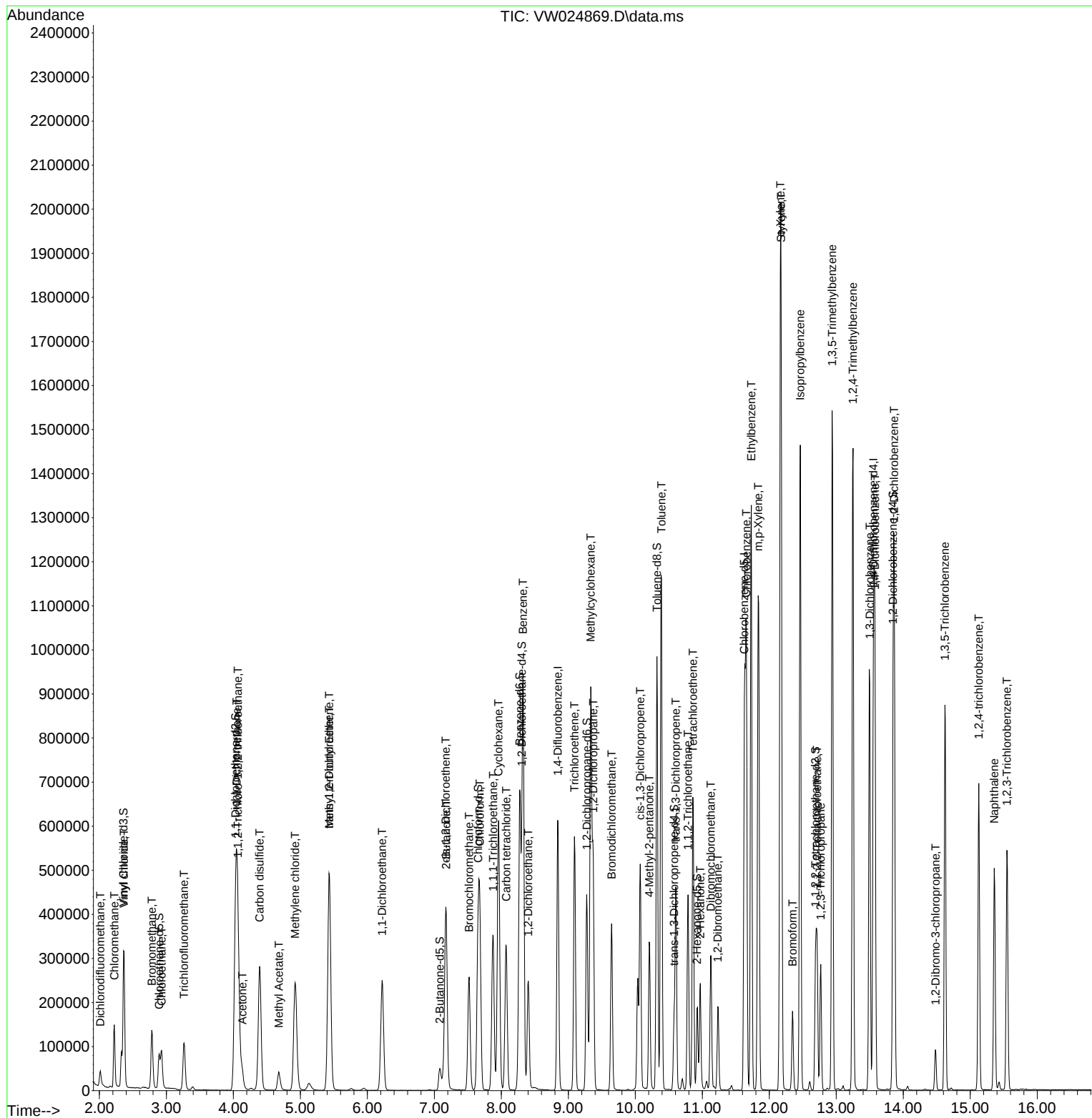
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	226519	26.001	ug/L	100
29) Cyclohexane	7.958	56	363406	26.734	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	285840	26.555	ug/L	99
31) Carbon tetrachloride	8.074	117	250376	26.492	ug/L	97
33) Benzene	8.324	78	839822	26.374	ug/L	100
34) Trichloroethene	9.092	95	209630	26.141	ug/L	99
35) Methylcyclohexane	9.336	83	383890	26.599	ug/L	100
37) 1,2-Dichloropropane	9.372	63	207373	26.132	ug/L	100
38) Bromodichloromethane	9.646	83	257426	26.254	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	307017	26.766	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	227003	48.398	ug/L	99
42) Toluene	10.390	91	879208	26.930	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	253672	26.637	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	137672	24.837	ug/L	98
46) Tetrachloroethene	10.860	164	138370	25.377	ug/L	95
48) 2-Hexanone	10.969	43	153843	48.376	ug/L	97
49) Dibromochloromethane	11.128	129	156214	25.458	ug/L	92
50) 1,2-Dibromoethane	11.232	107	131245	25.134	ug/L	93
51) Chlorobenzene	11.658	112	531009	25.878	ug/L	99
52) Ethylbenzene	11.731	91	949064	25.960	ug/L	97
53) m,p-Xylene	11.835	106	372644	26.829	ug/L	98
54) o-Xylene	12.164	106	354199	26.782	ug/L	98
55) Styrene	12.177	104	594274	26.199	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	165504	24.473	ug/L	97
59) Bromoform	12.347	173	76862	26.011	ug/L #	98
60) Isopropylbenzene	12.463	105	958029	26.894	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120045	24.722	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	826497	27.023	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	815271	27.647	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	382333	26.354	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	376023	25.606	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	345831	26.819	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	25786	24.431	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	251462	26.547	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	195710	25.465	ug/L	99
71) Naphthalene	15.359	128	420302	25.240	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	170505	25.993	ug/L	98

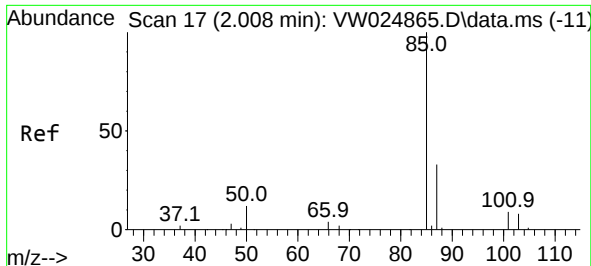
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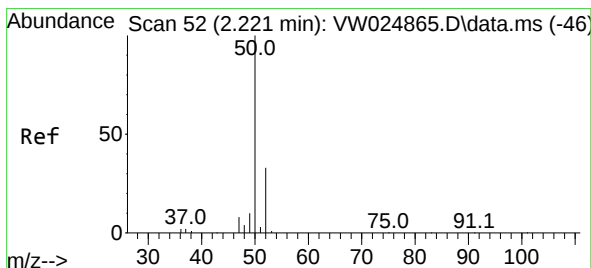
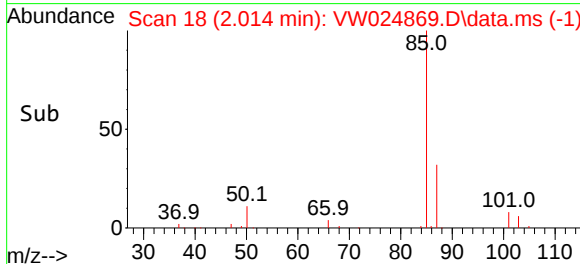
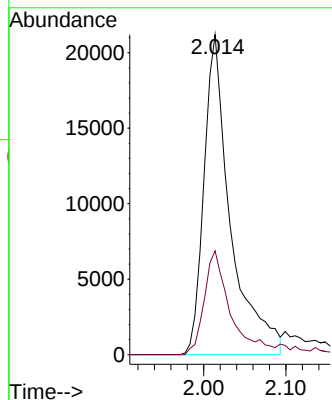
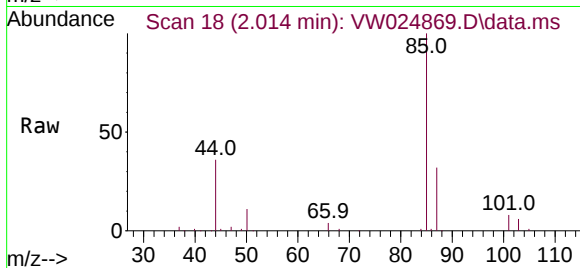




#2
Dichlorodifluoromethane
Concen: 21.135 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

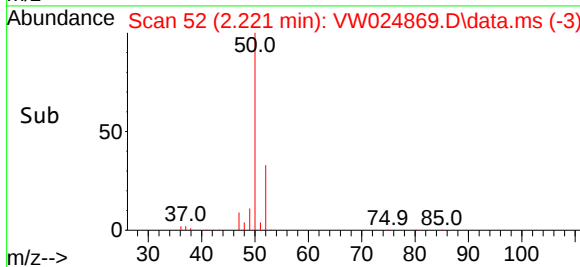
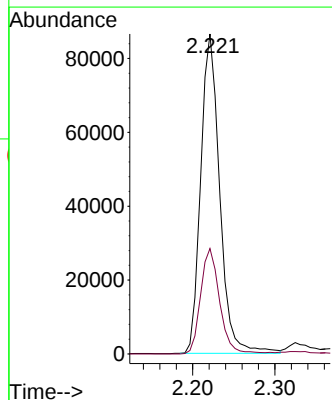
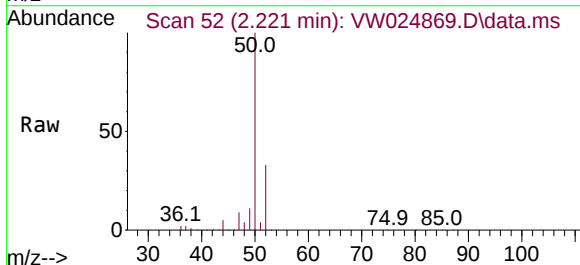
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

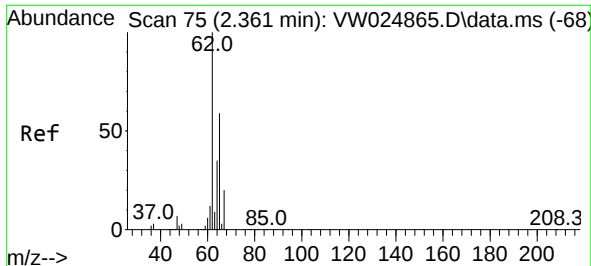
Tgt Ion: 85 Resp: 47572
Ion Ratio Lower Upper
85 100
87 29.9 26.8 40.2



#3
Chloromethane
Concen: 26.455 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 50 Resp: 138685
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

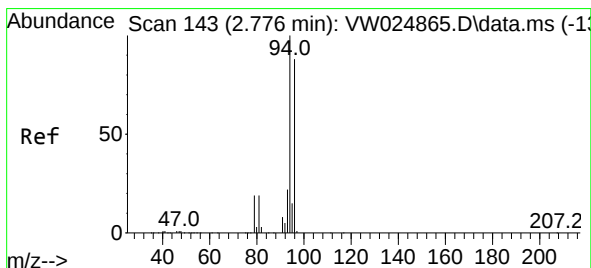
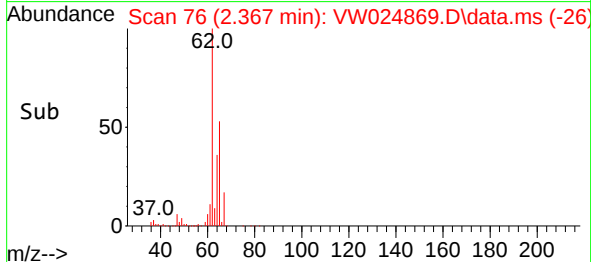
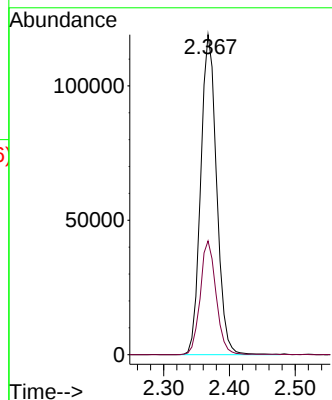
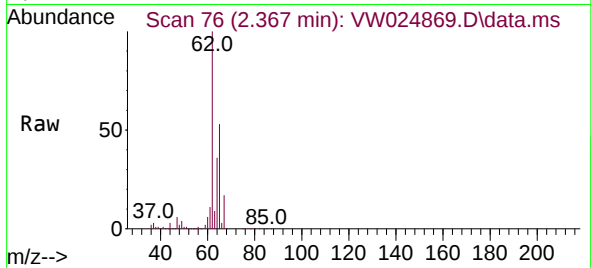




#5
 Vinyl chloride
 Concen: 27.908 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024869.D
 Acq: 12 Oct 2022 13:17

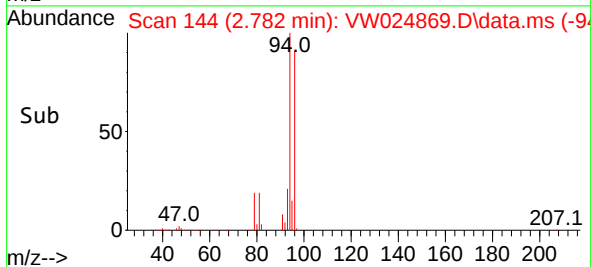
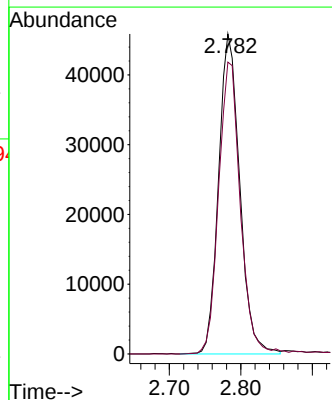
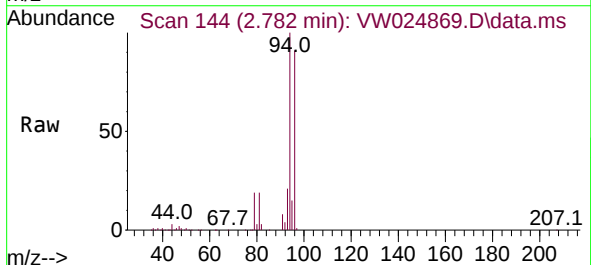
Instrument :
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 ClientSampleId :
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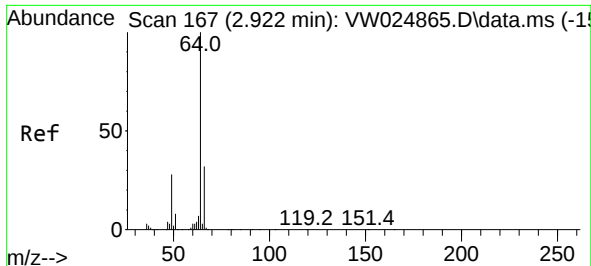
Tgt Ion: 62 Resp: 199601
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.7 45.9



#6
 Bromomethane
 Concen: 27.090 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024869.D
 Acq: 12 Oct 2022 13:17

Tgt Ion: 94 Resp: 94105
 Ion Ratio Lower Upper
 94 100
 96 91.2 61.4 114.0

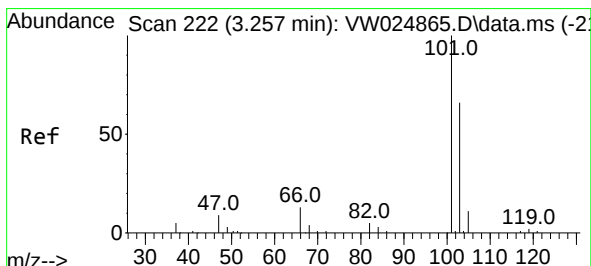
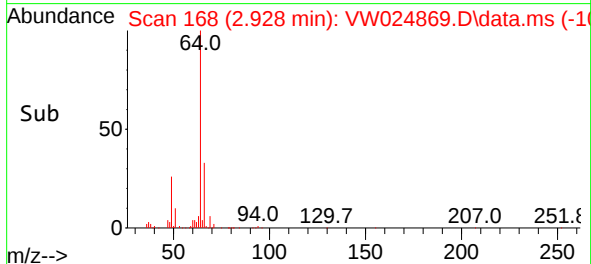
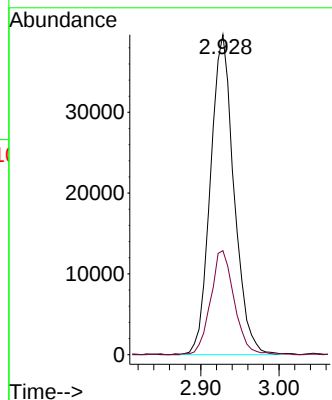
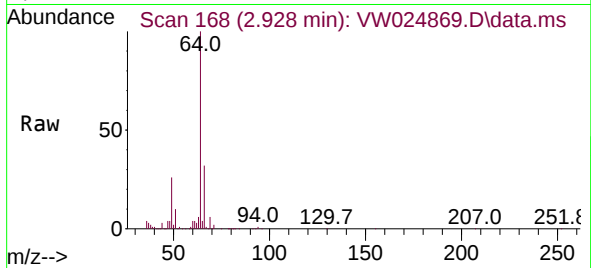




#8
Chloroethane
Concen: 27.773 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

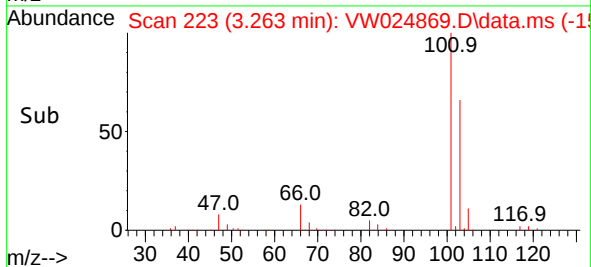
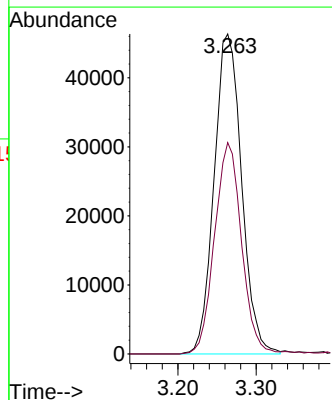
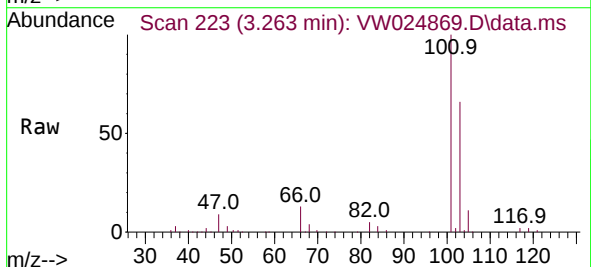
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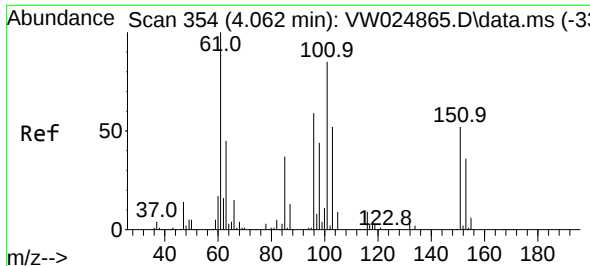
Tgt Ion: 64 Resp: 82765
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 32.001 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 101 Resp: 113213
Ion Ratio Lower Upper
101 100
103 64.5 52.9 79.3

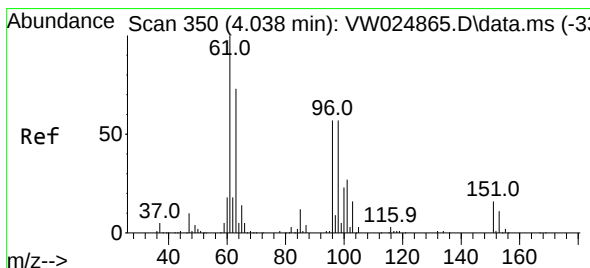
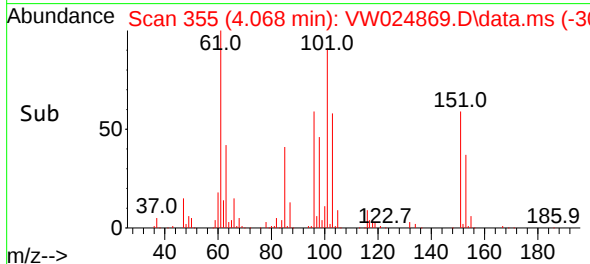
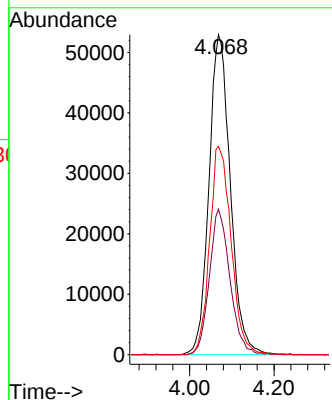
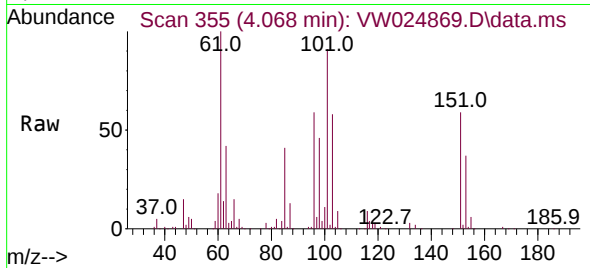




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.798 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW024869.D
 Acq: 12 Oct 2022 13:17

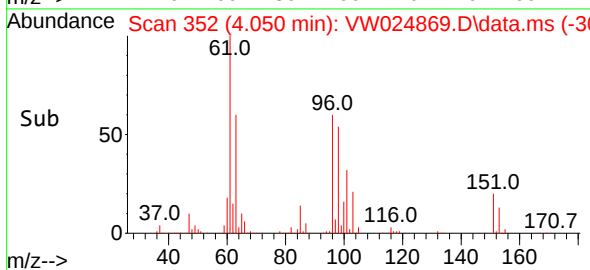
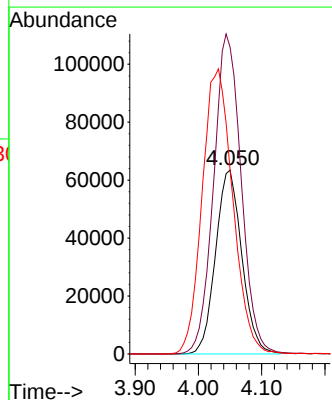
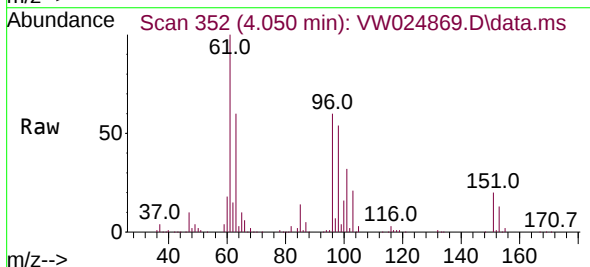
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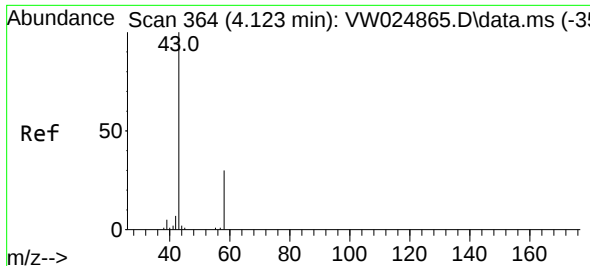
Tgt Ion:101 Resp: 185825
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.6 50.4
 151 65.6 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 26.788 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW024869.D
 Acq: 12 Oct 2022 13:17

Tgt Ion: 96 Resp: 182583
 Ion Ratio Lower Upper
 96 100
 61 166.7 122.4 227.2
 63 99.8 92.1 171.1





#13

Acetone

Concen: 44.457 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

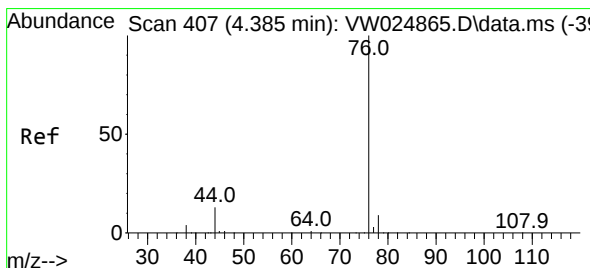
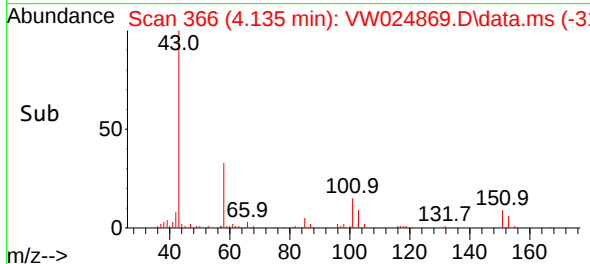
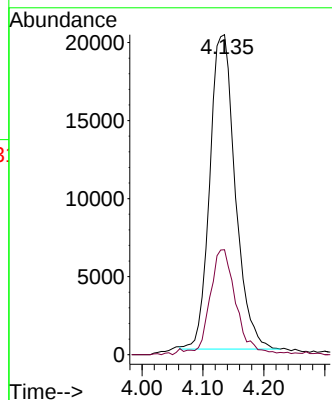
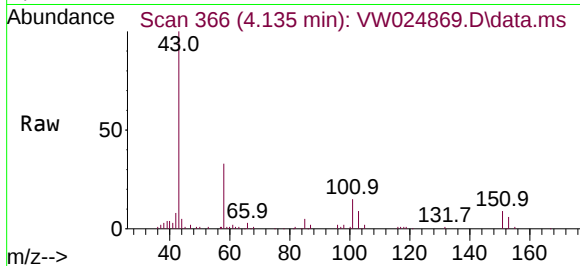
VSTD025595

Tgt Ion: 43 Resp: 58505

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.2



#14

Carbon disulfide

Concen: 27.965 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW024869.D

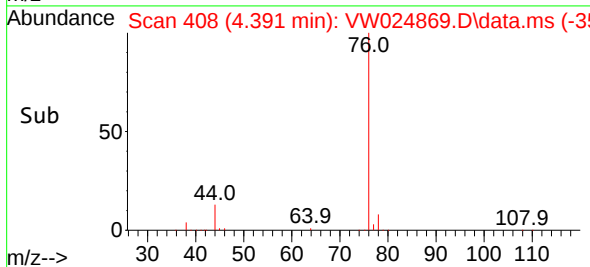
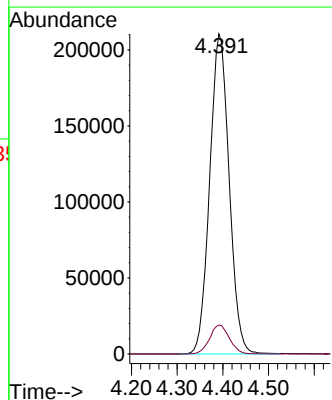
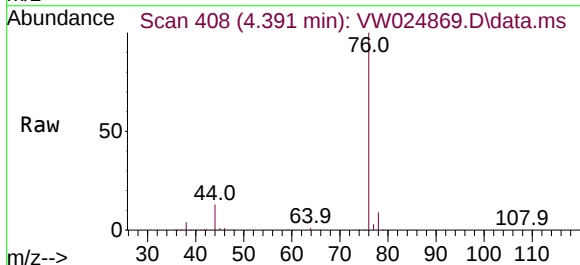
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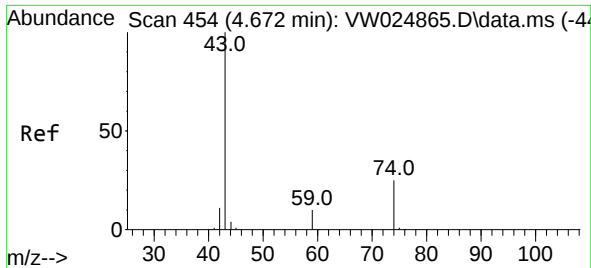
Tgt Ion: 76 Resp: 622594

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

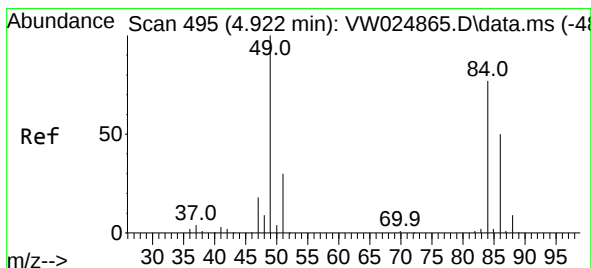
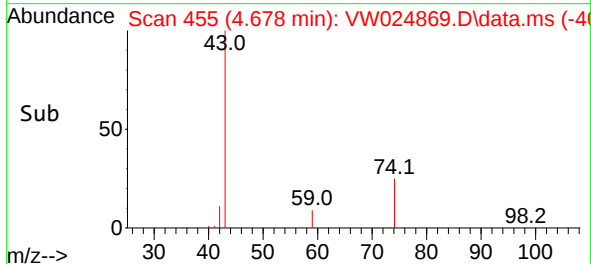
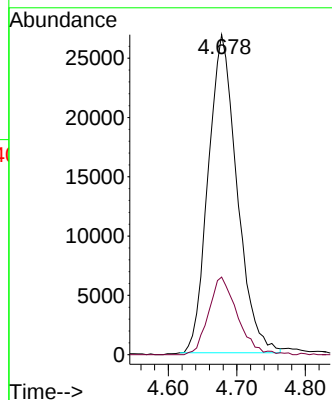
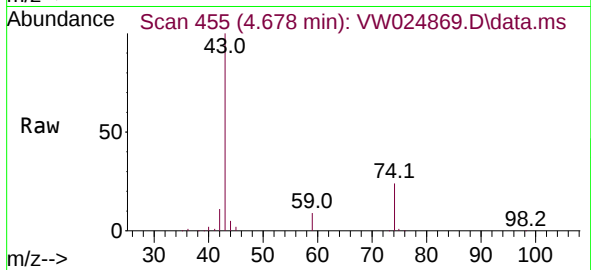




#15
Methyl Acetate
Concen: 24.487 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

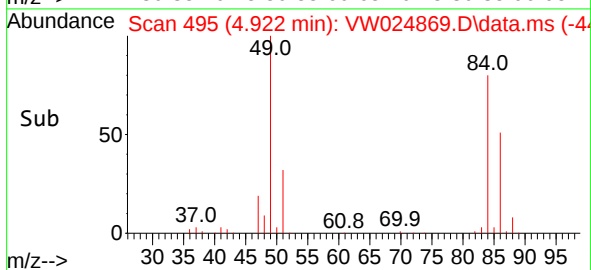
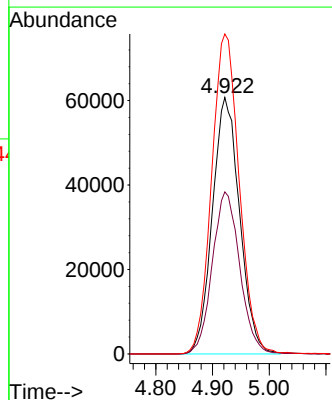
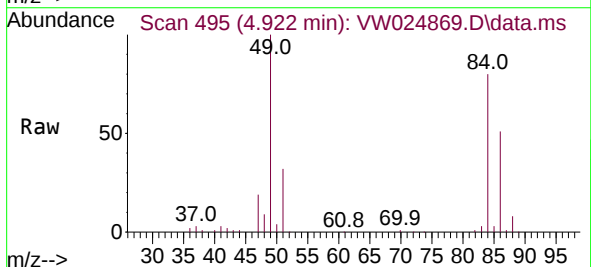
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

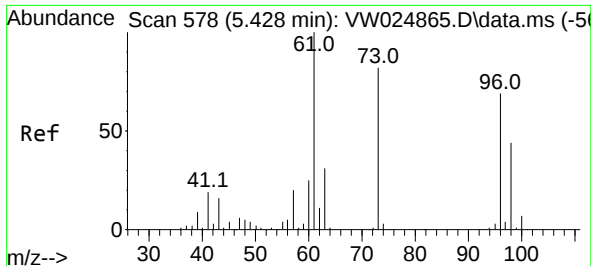
Tgt Ion: 43 Resp: 78425
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 22.818 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 84 Resp: 202684
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 124.7 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 27.024 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

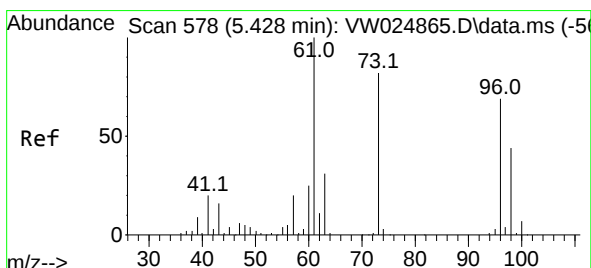
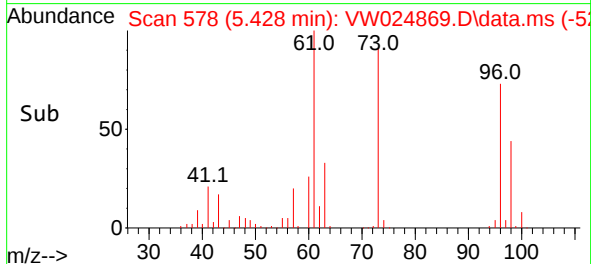
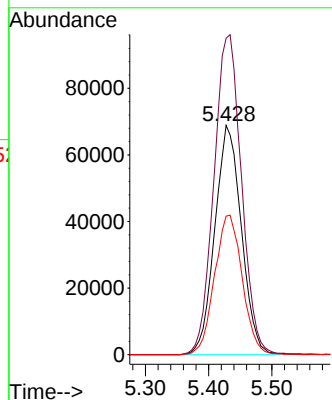
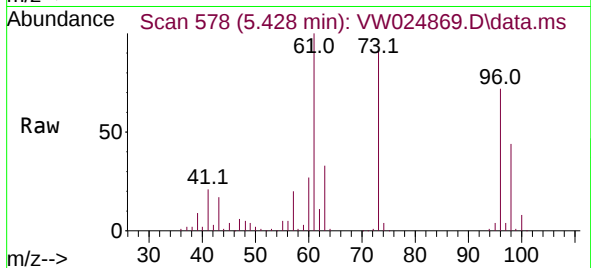
Tgt Ion: 96 Resp: 200497

Ion Ratio Lower Upper

96 100

61 138.1 102.2 189.8

98 60.4 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 27.496 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

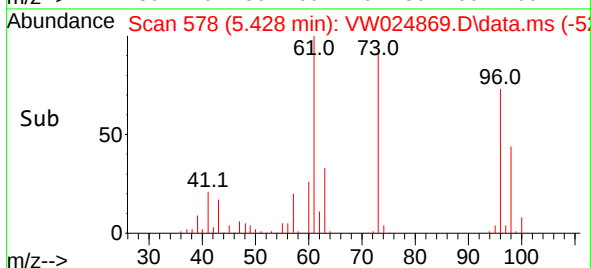
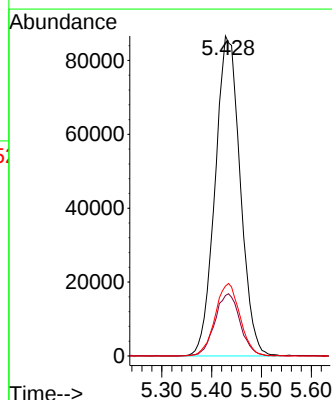
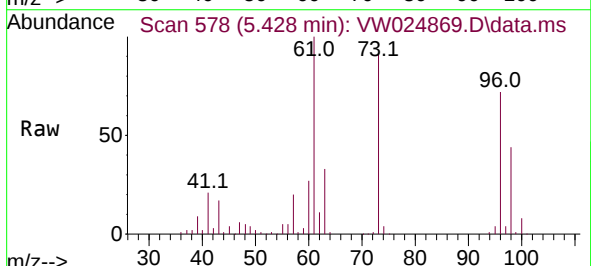
Tgt Ion: 73 Resp: 303150

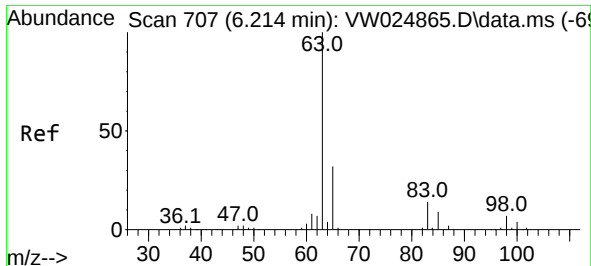
Ion Ratio Lower Upper

73 100

43 19.4 15.8 23.6

57 22.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 26.922 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

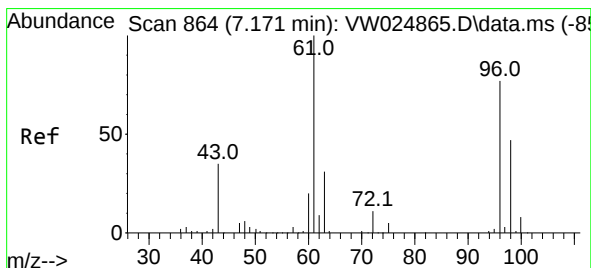
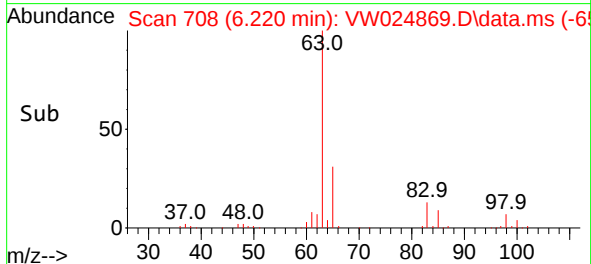
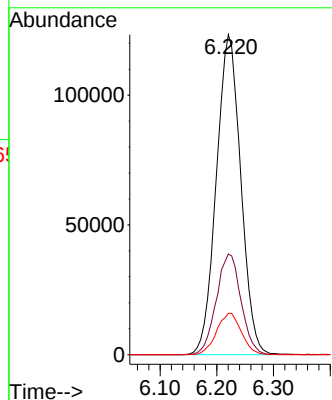
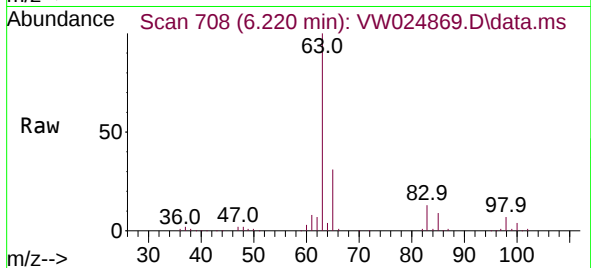
Tgt Ion: 63 Resp: 369534

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 12.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.374 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

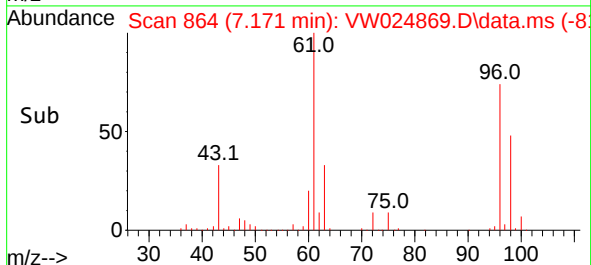
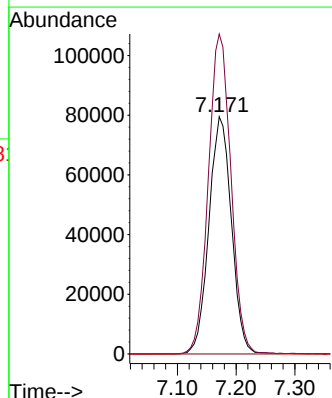
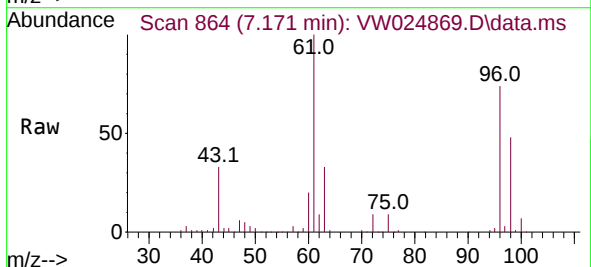
Tgt Ion: 96 Resp: 211476

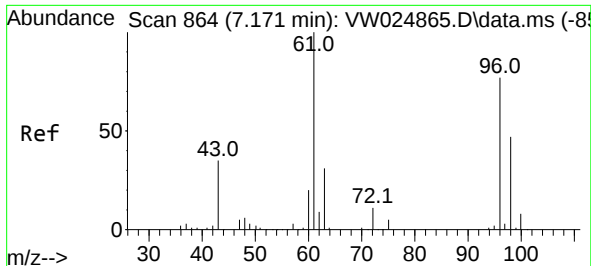
Ion Ratio Lower Upper

96 100

61 134.9 90.9 168.7

68 0.0 0.0 0.0

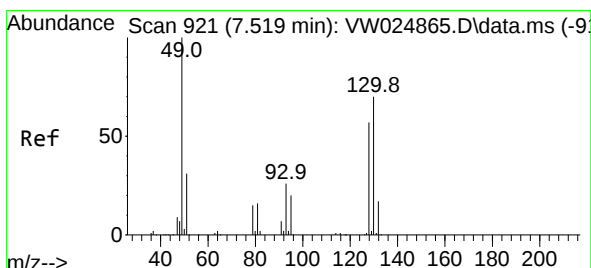
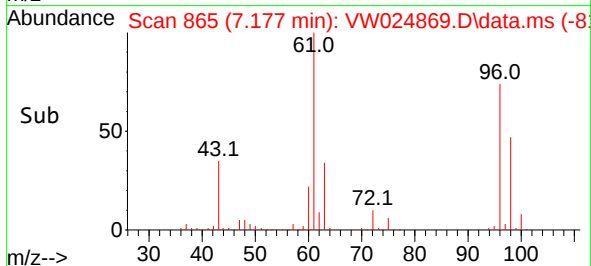
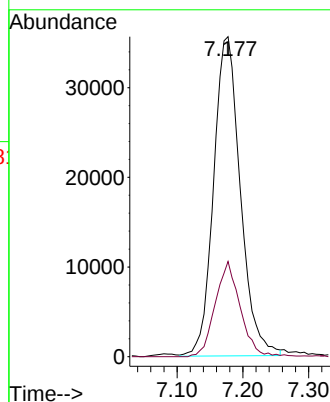
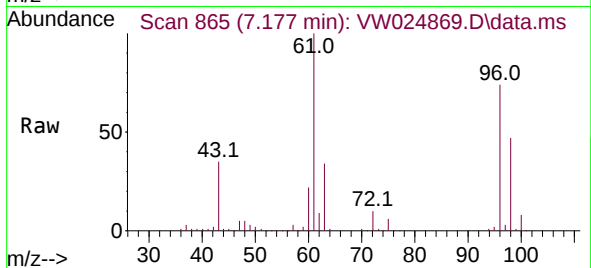




#22
2-Butanone
Concen: 45.919 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

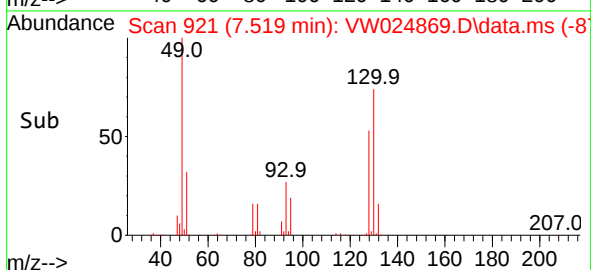
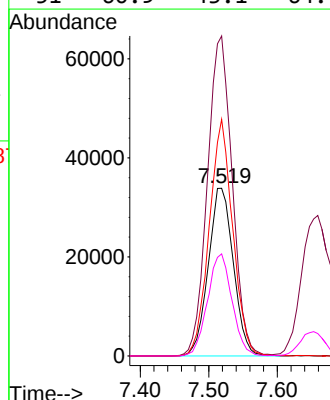
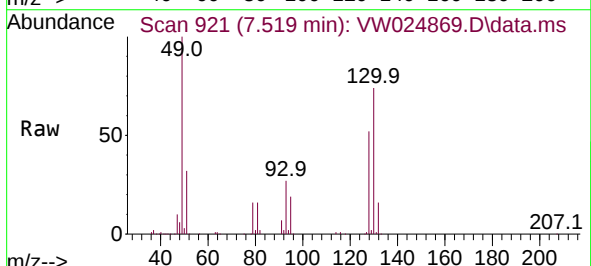
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

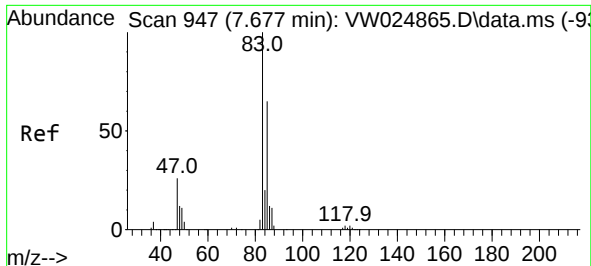
Tgt Ion: 43 Resp: 100809
Ion Ratio Lower Upper
43 100
72 27.9 14.1 42.3



#23
Bromochloromethane
Concen: 26.220 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 128 Resp: 85994
Ion Ratio Lower Upper
128 100
49 190.8 122.7 227.9
130 141.0 86.0 159.8
51 60.9 43.1 64.7





#25

Chloroform

Concen: 26.595 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

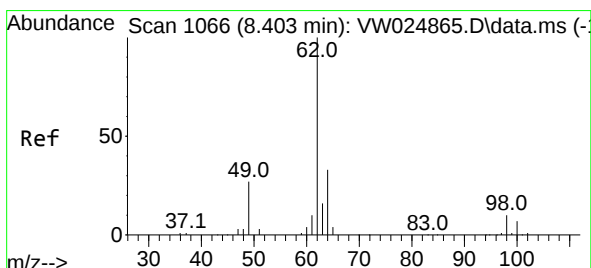
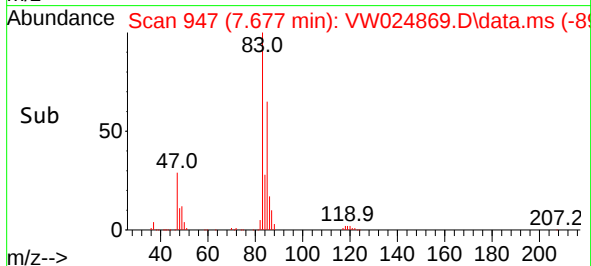
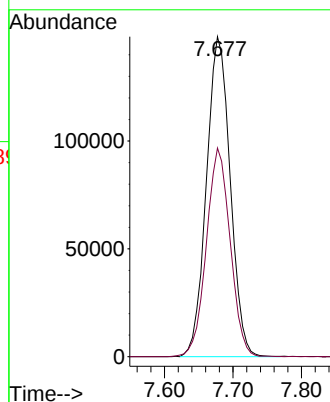
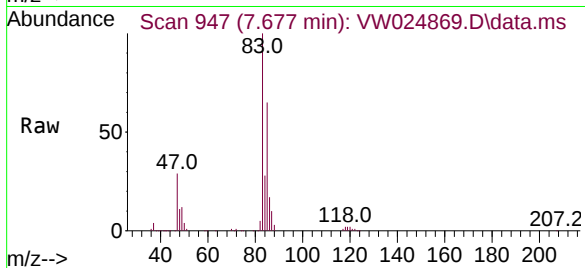
VSTD025595

Tgt Ion: 83 Resp: 358304

Ion Ratio Lower Upper

83 100

85 65.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 26.001 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW024869.D

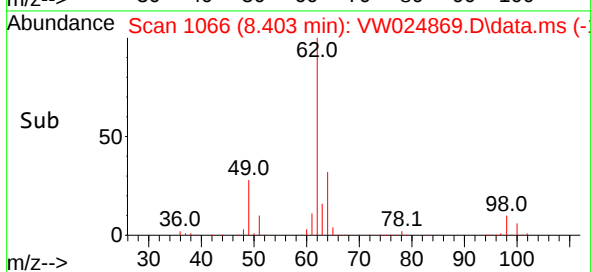
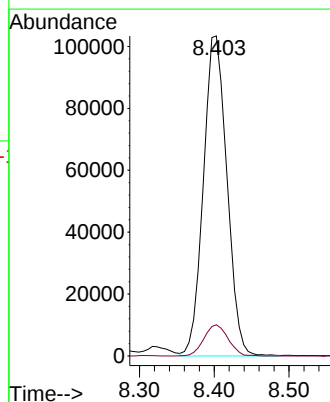
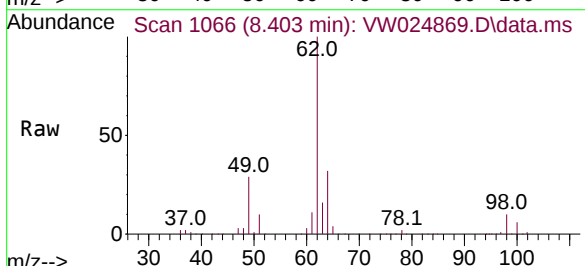
Acq: 12 Oct 2022 13:17

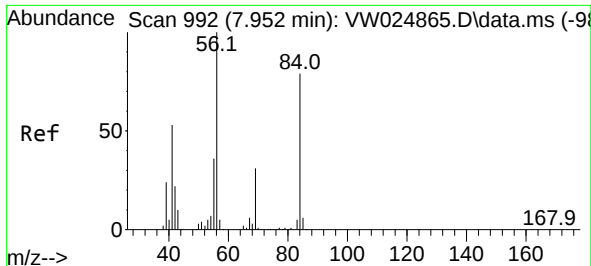
Tgt Ion: 62 Resp: 226519

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 26.734 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

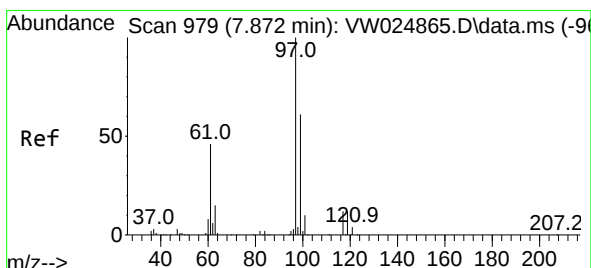
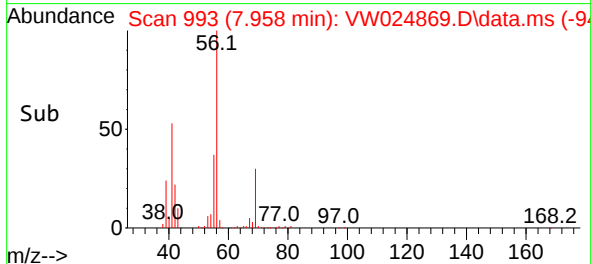
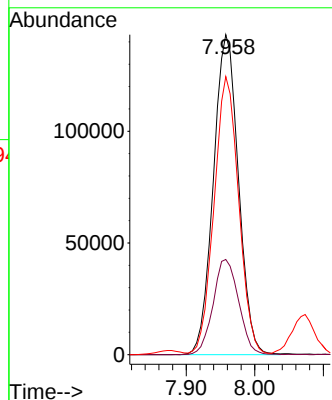
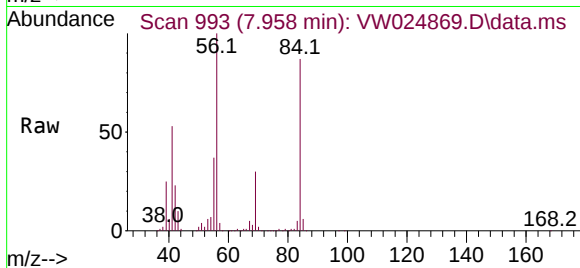
Tgt Ion: 56 Resp: 363406

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 85.4 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 26.555 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

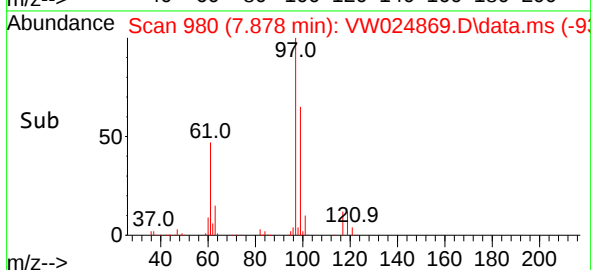
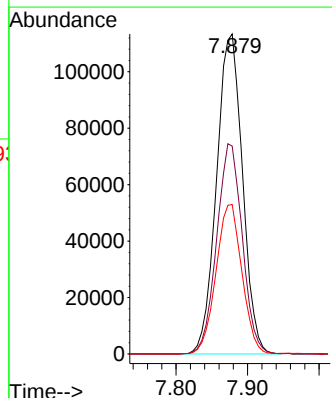
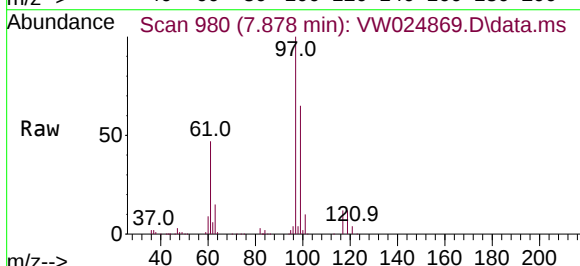
Tgt Ion: 97 Resp: 285840

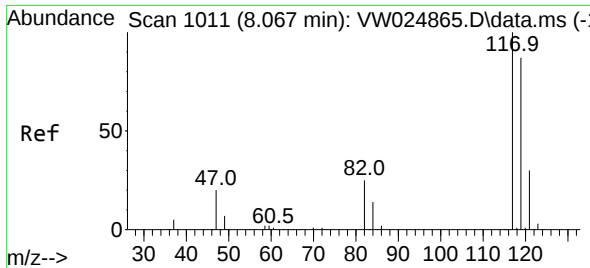
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 46.8 37.3 55.9

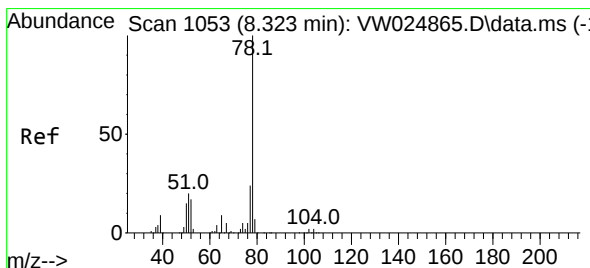
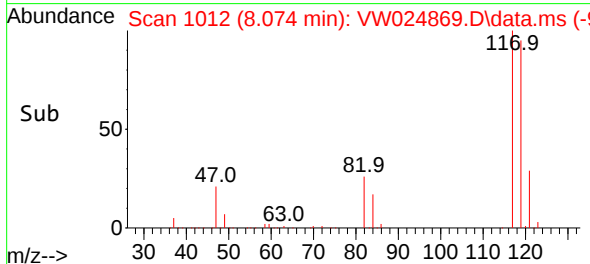
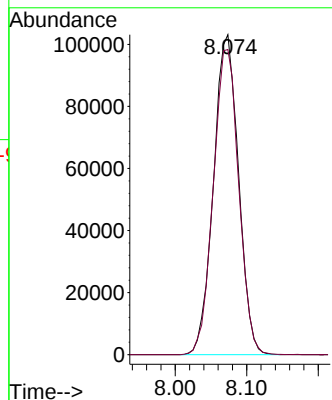
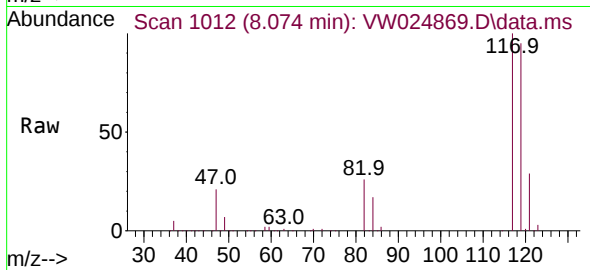




#31
Carbon tetrachloride
Concen: 26.492 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

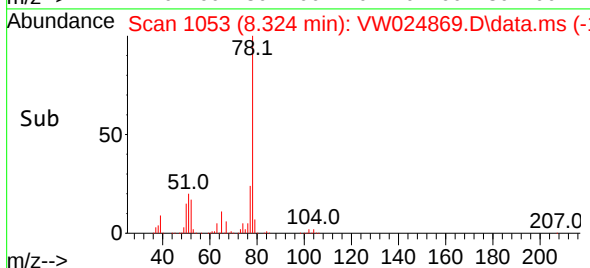
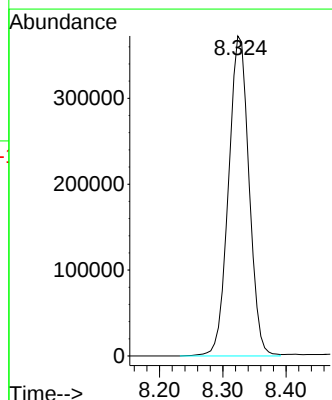
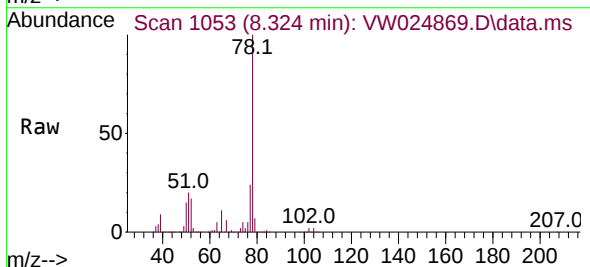
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

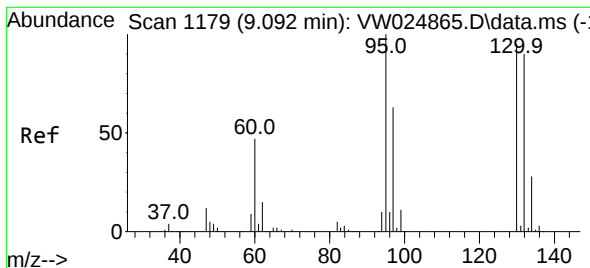
Tgt Ion:117 Resp: 250376
Ion Ratio Lower Upper
117 100
119 97.2 75.1 112.7



#33
Benzene
Concen: 26.374 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 78 Resp: 839822





#34

Trichloroethene

Concen: 26.141 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

Tgt Ion: 95 Resp: 209630

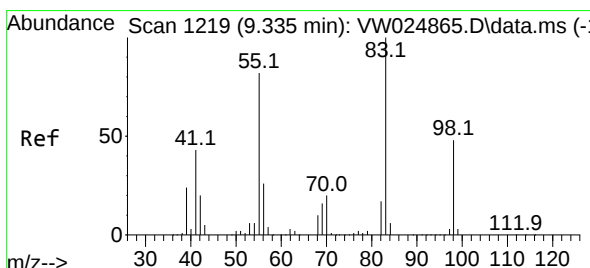
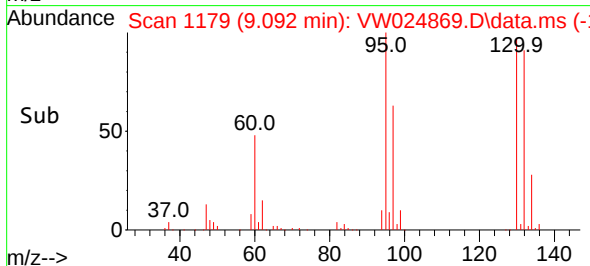
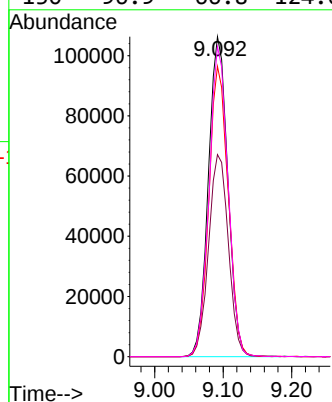
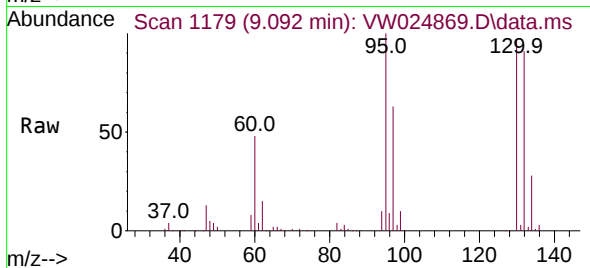
Ion Ratio Lower Upper

95 100

97 63.2 44.2 82.0

132 90.7 62.9 116.7

130 96.9 66.8 124.0



#35

Methylcyclohexane

Concen: 26.599 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

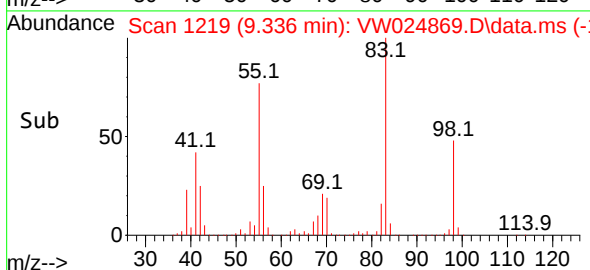
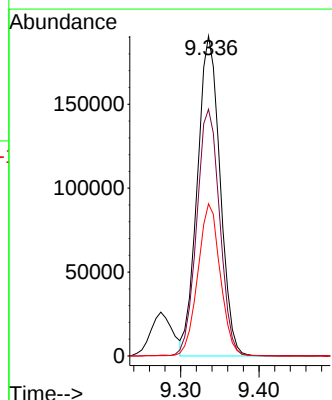
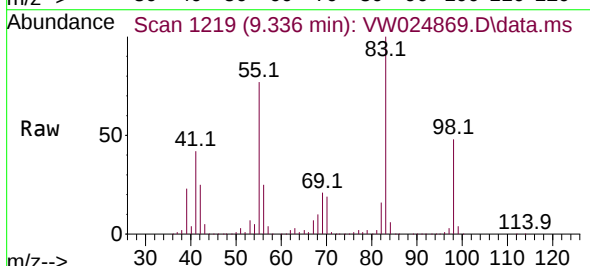
Tgt Ion: 83 Resp: 383890

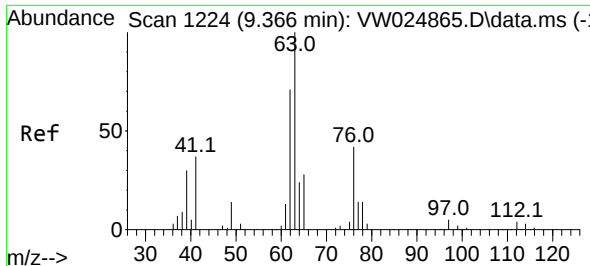
Ion Ratio Lower Upper

83 100

55 77.8 62.5 93.7

98 47.0 37.2 55.8





#37

1,2-Dichloropropane

Concen: 26.132 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

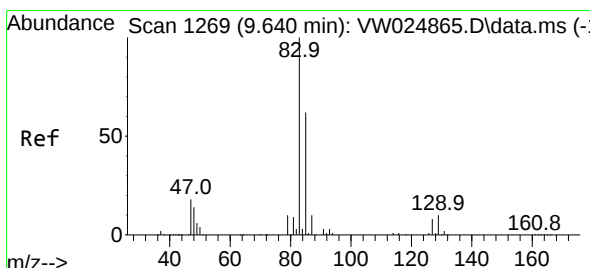
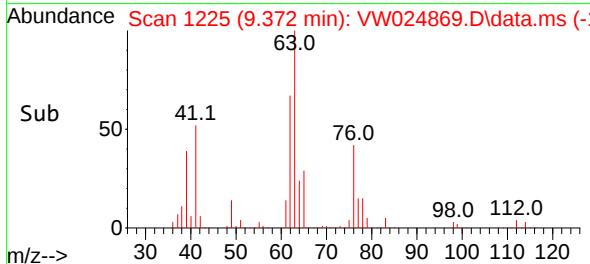
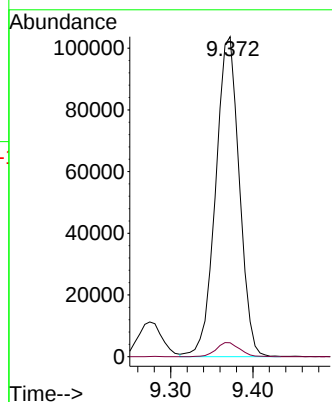
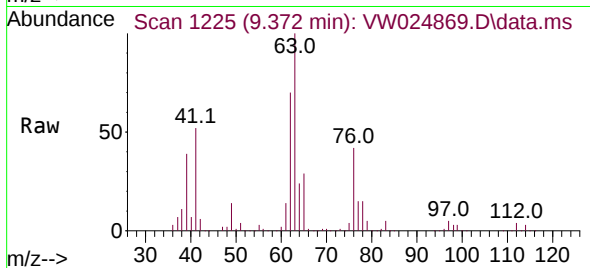
VSTD025595

Tgt Ion: 63 Resp: 207373

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 26.254 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

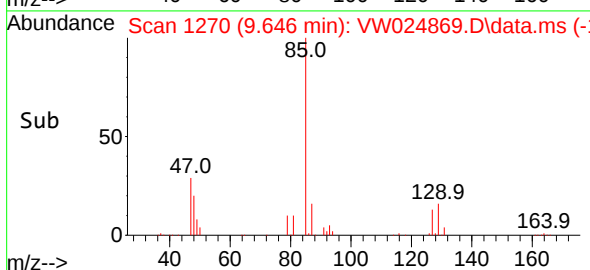
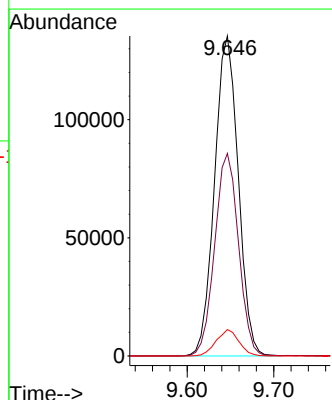
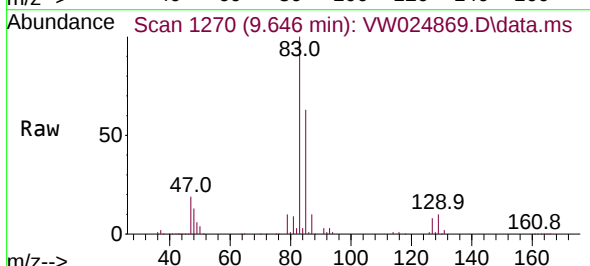
Tgt Ion: 83 Resp: 257426

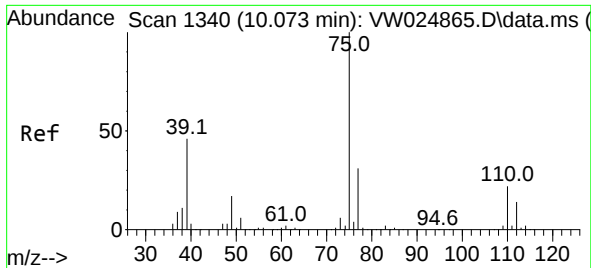
Ion Ratio Lower Upper

83 100

85 63.3 43.6 81.0

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.766 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

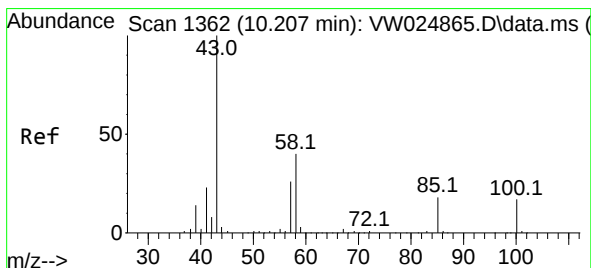
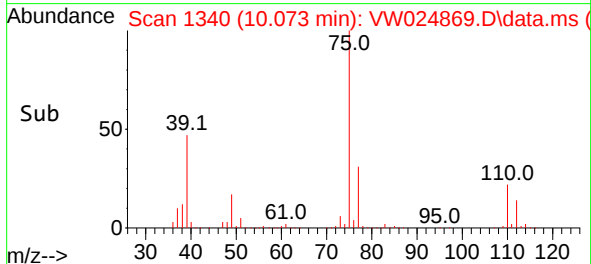
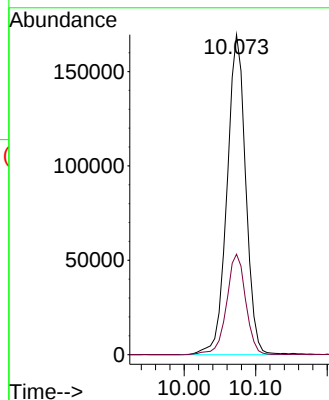
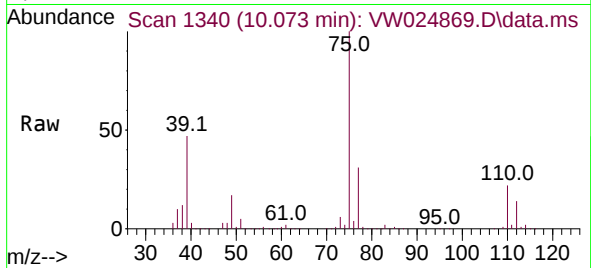
VSTD025595

Tgt Ion: 75 Resp: 307017

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 48.398 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

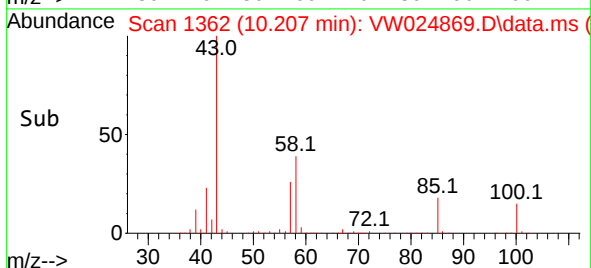
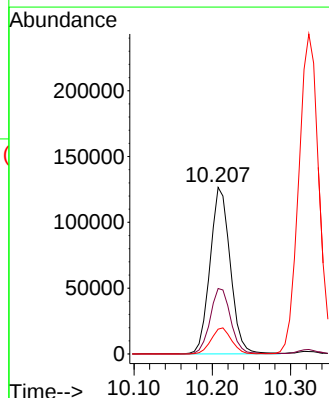
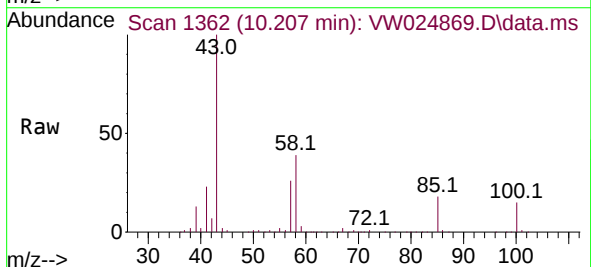
Tgt Ion: 43 Resp: 227003

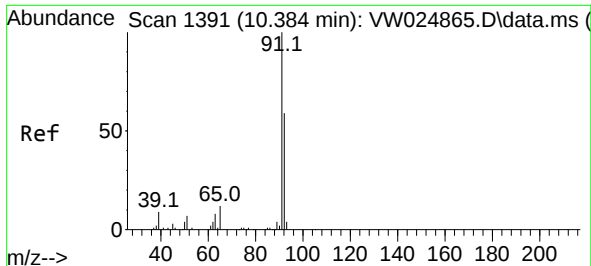
Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1

100 15.6 12.8 19.2

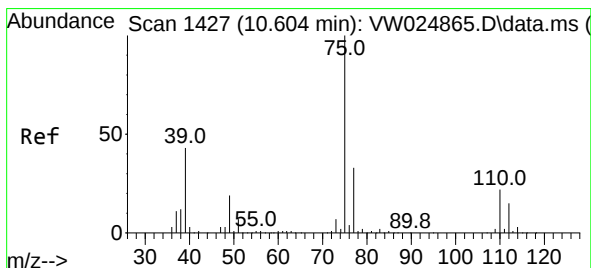
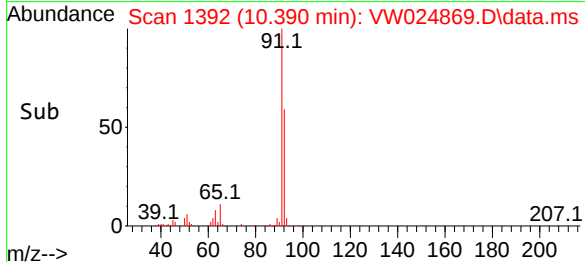
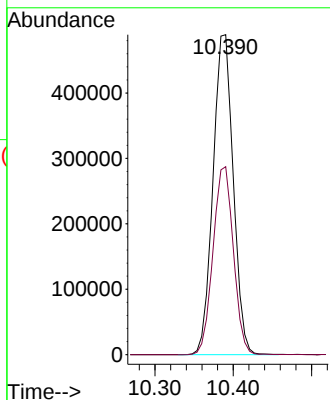
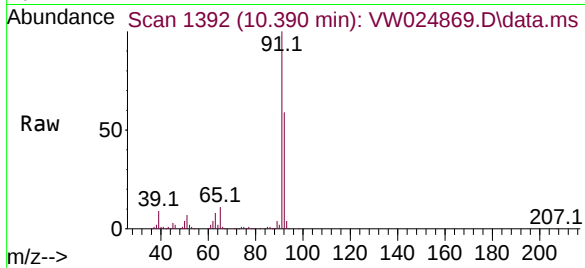




#42
Toluene
Concen: 26.930 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

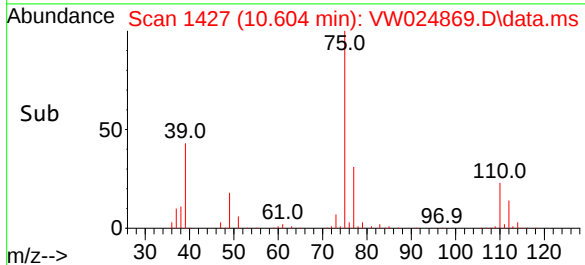
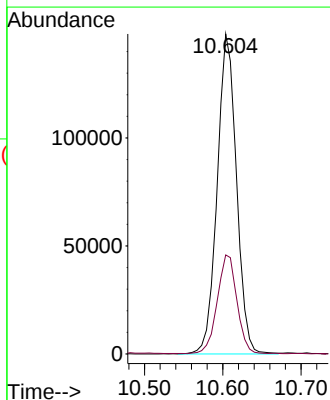
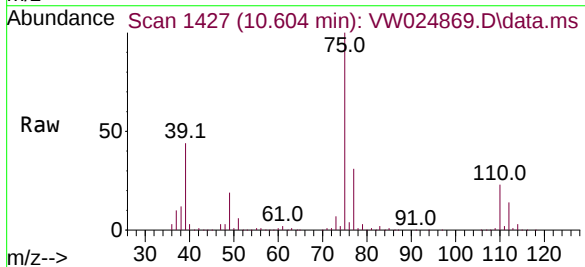
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

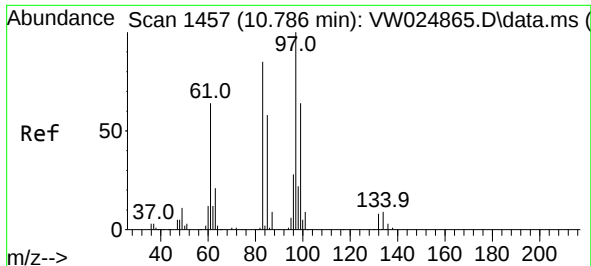
Tgt Ion: 91 Resp: 879208
Ion Ratio Lower Upper
91 100
92 58.7 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 26.637 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 75 Resp: 253672
Ion Ratio Lower Upper
75 100
77 31.0 23.0 42.6



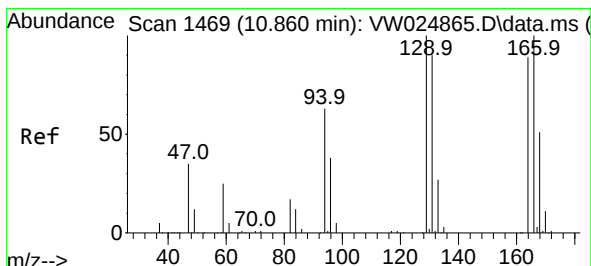
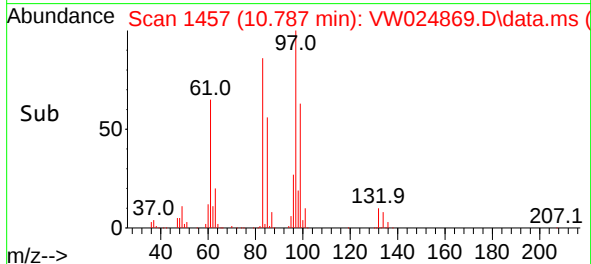
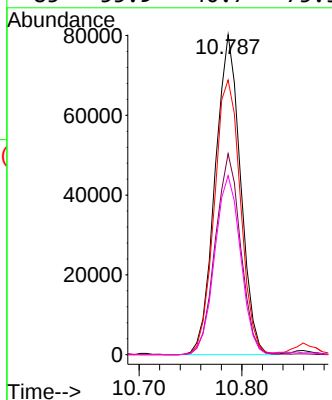
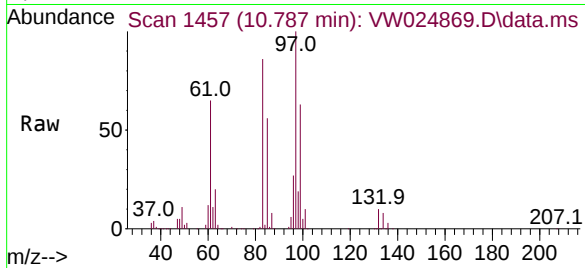


#45
1,1,2-Trichloroethane
Concen: 24.837 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Tgt Ion: 97 Resp: 137672

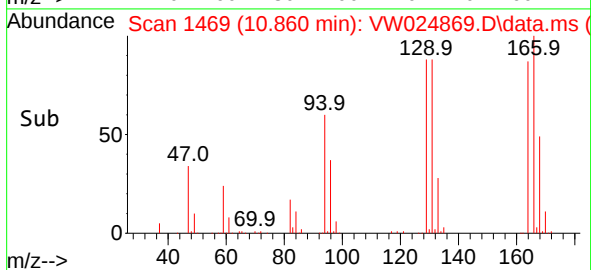
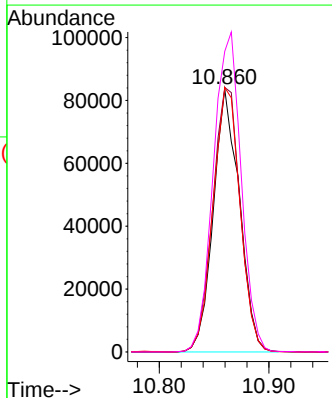
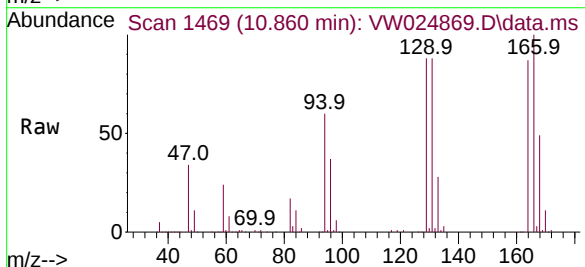
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.7	83.1
83	85.8	59.6	110.8
85	55.9	40.7	75.5

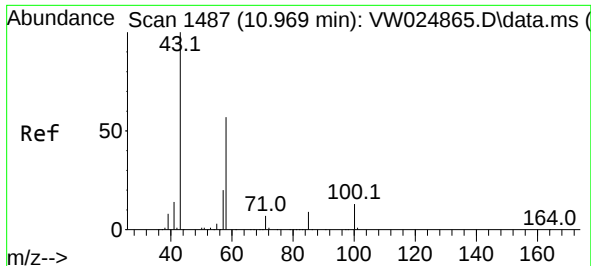


#46
Tetrachloroethene
Concen: 25.377 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 164 Resp: 138370

Ion	Ratio	Lower	Upper
164	100		
129	100.7	78.7	146.1
131	100.6	71.1	132.1
166	114.4	78.8	146.4

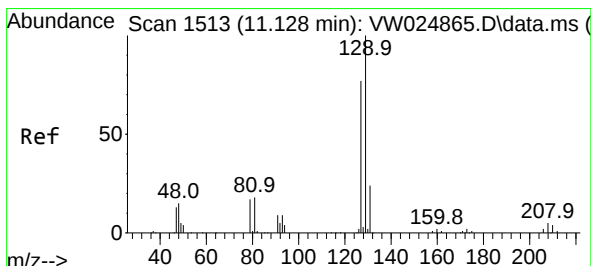
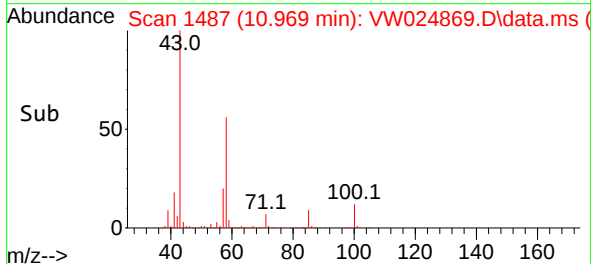
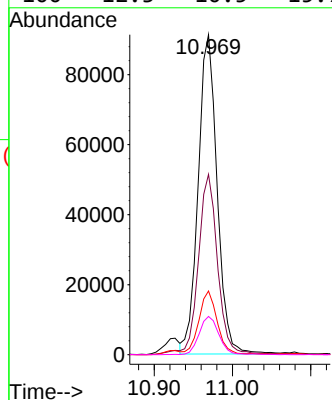
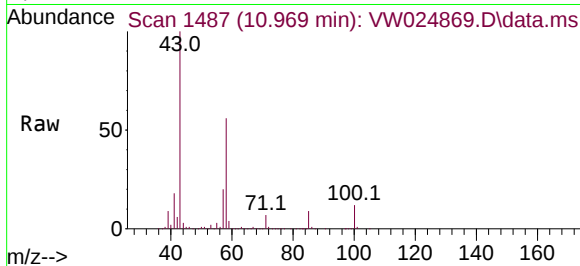




#48
2-Hexanone
Concen: 48.376 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

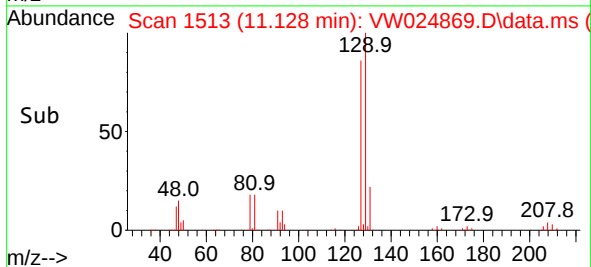
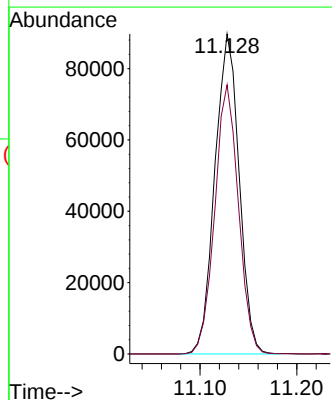
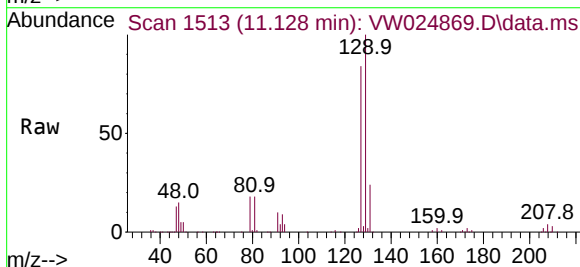
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

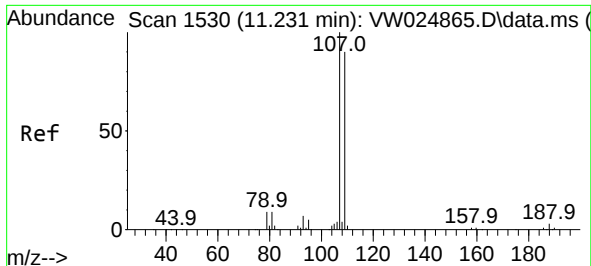
Tgt Ion: 43 Resp: 153843
Ion Ratio Lower Upper
43 100
58 56.2 47.0 70.6
57 19.5 16.0 24.0
100 12.3 10.5 15.7



#49
Dibromochloromethane
Concen: 25.458 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 129 Resp: 156214
Ion Ratio Lower Upper
129 100
127 84.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 25.134 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

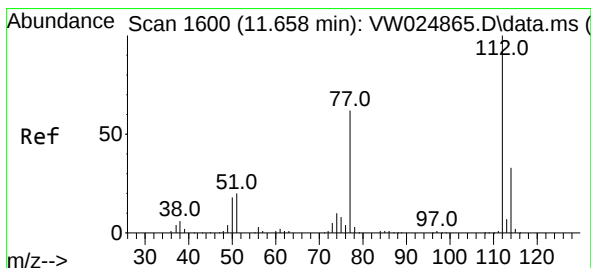
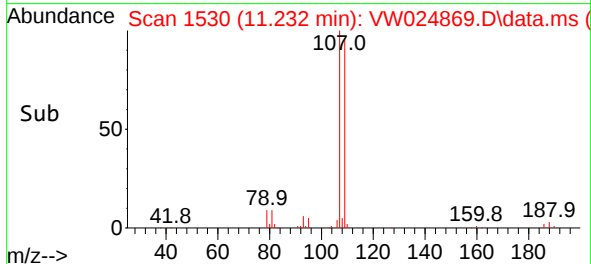
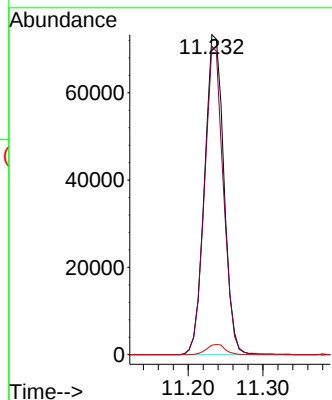
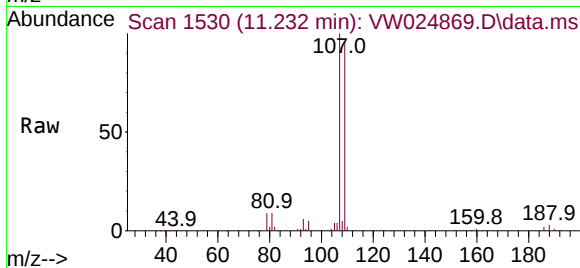
Tgt Ion:107 Resp: 131245

Ion Ratio Lower Upper

107 100

109 96.4 62.8 116.6

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 25.878 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

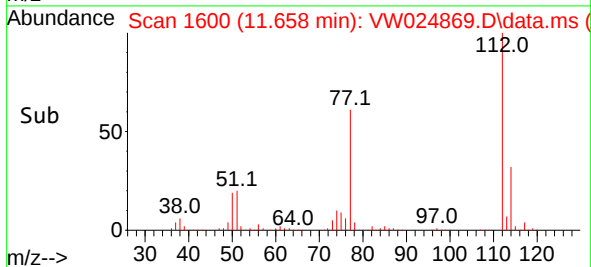
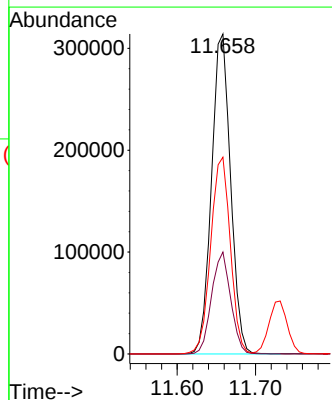
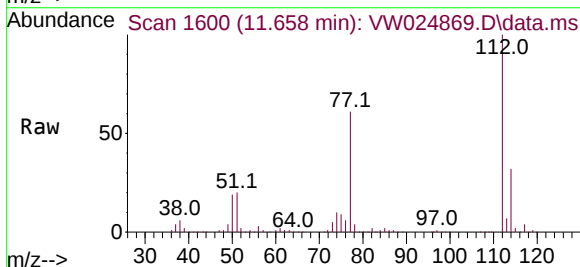
Tgt Ion:112 Resp: 531009

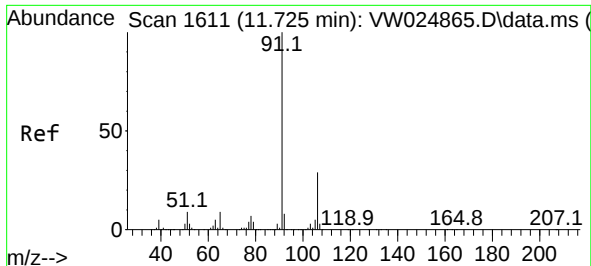
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 61.5 49.8 74.8

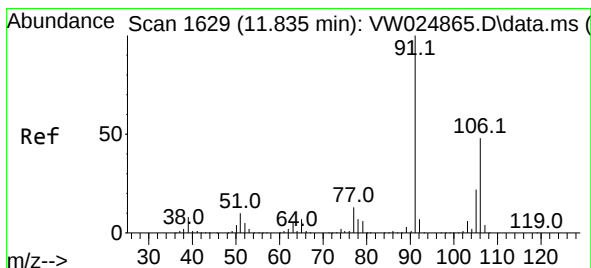
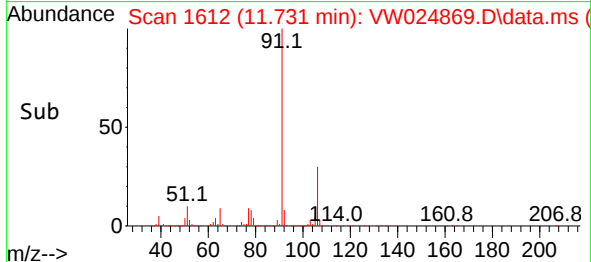
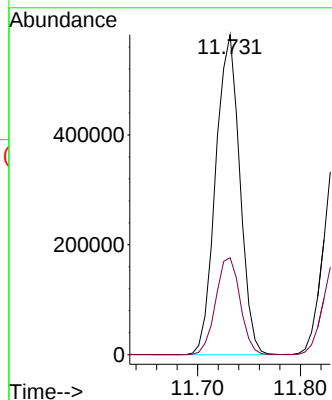
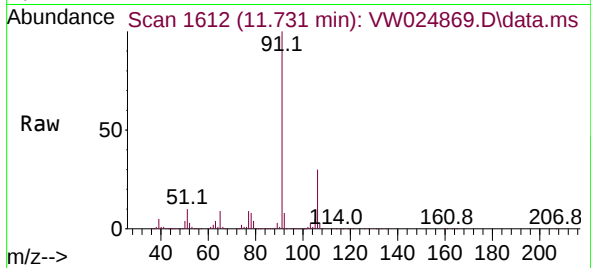




#52
Ethylbenzene
Concen: 25.960 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

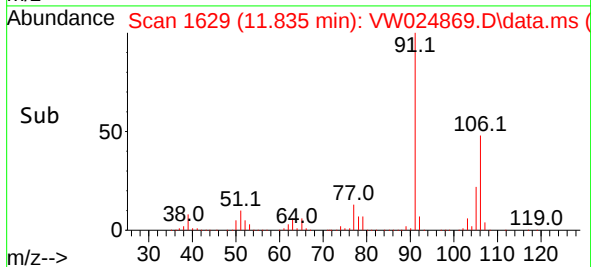
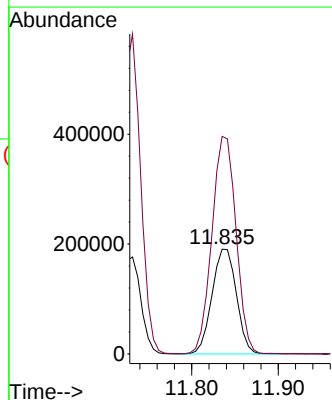
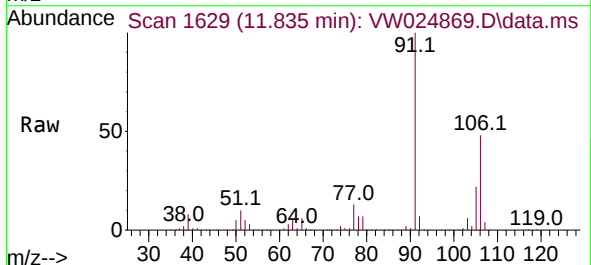
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

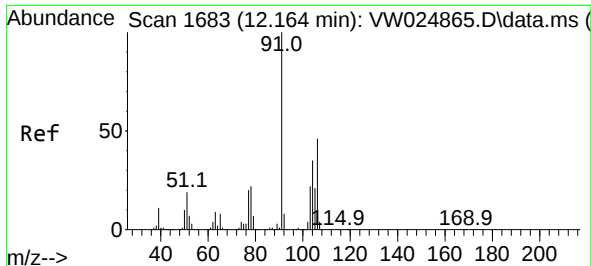
Tgt Ion: 91 Resp: 949064
Ion Ratio Lower Upper
91 100
106 30.3 20.1 37.3



#53
m,p-Xylene
Concen: 26.829 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion:106 Resp: 372644
Ion Ratio Lower Upper
106 100
91 207.5 147.4 273.8

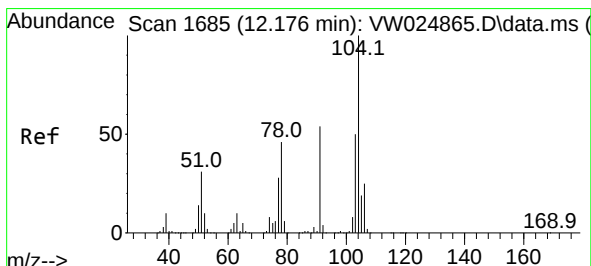
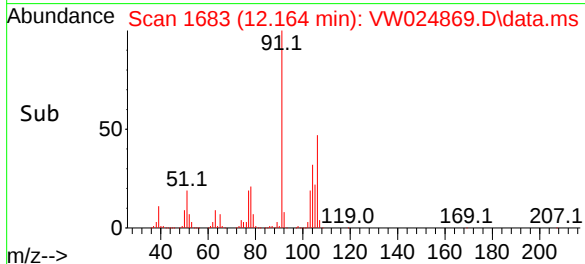
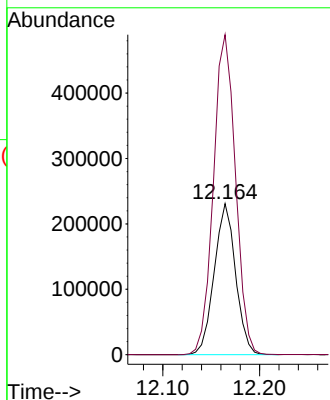
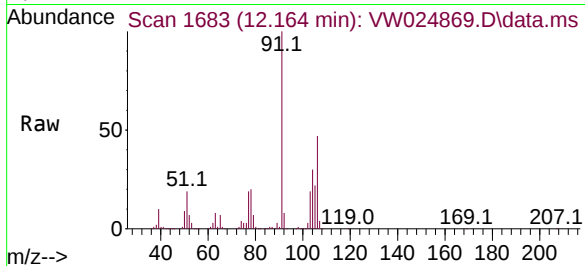




#54
o-Xylene
Concen: 26.782 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

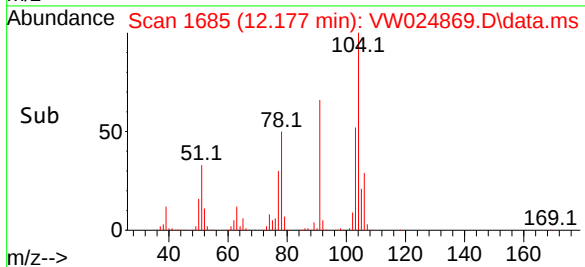
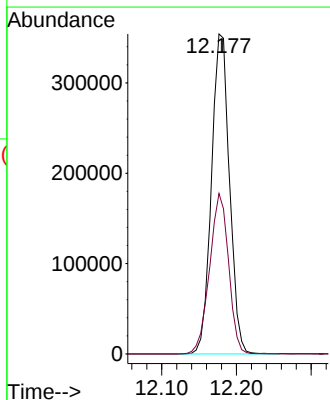
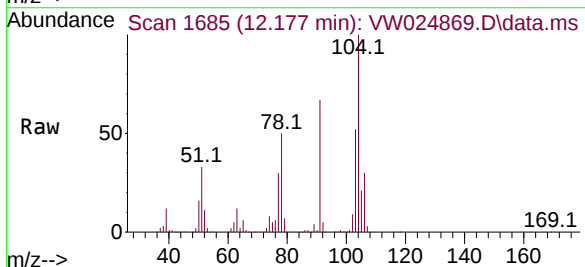
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

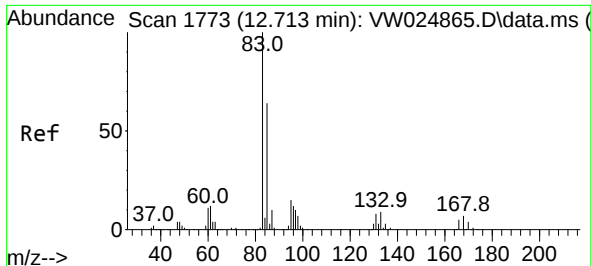
Tgt Ion:106 Resp: 354199
Ion Ratio Lower Upper
106 100
91 211.9 151.0 280.4



#55
Styrene
Concen: 26.199 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion:104 Resp: 594274
Ion Ratio Lower Upper
104 100
78 50.2 32.6 60.5

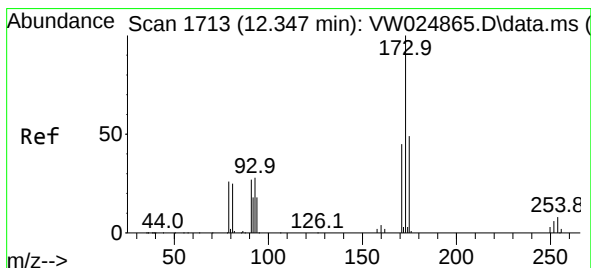
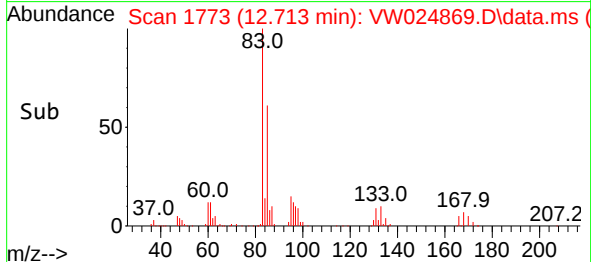
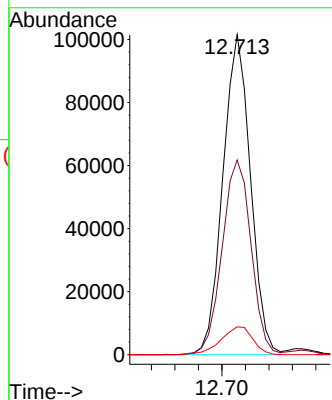
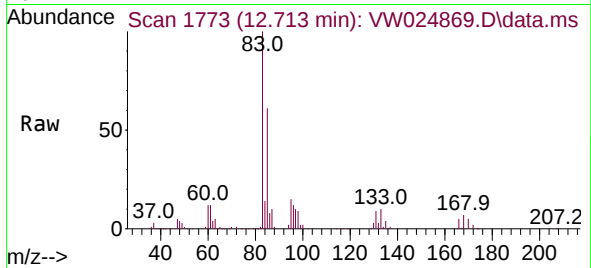




#57
1,1,2,2-Tetrachloroethane
Concen: 24.473 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

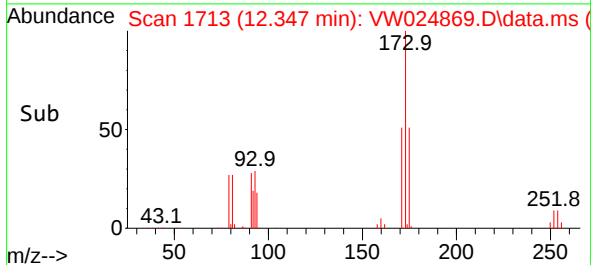
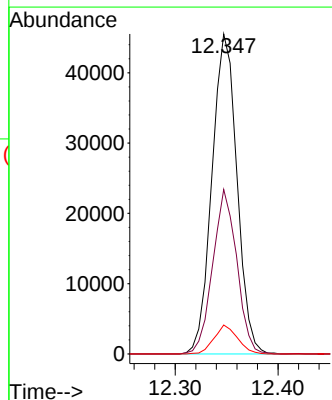
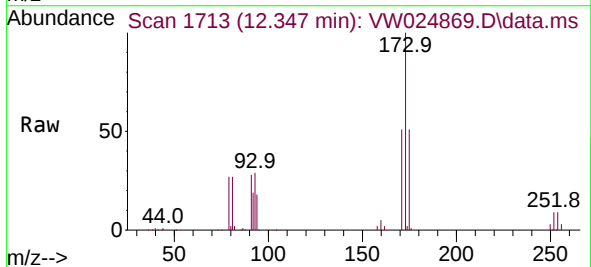
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

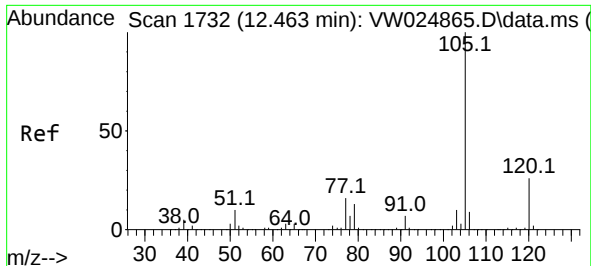
Tgt Ion: 83 Resp: 165504
Ion Ratio Lower Upper
83 100
85 60.9 44.5 82.7
131 8.7 6.8 10.2



#59
Bromoform
Concen: 26.011 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 173 Resp: 76862
Ion Ratio Lower Upper
173 100
175 49.5 38.6 58.0
254 8.5 4.8 7.2#

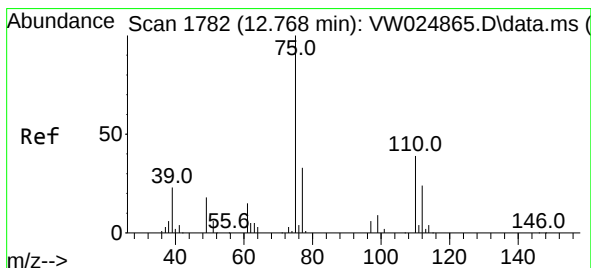
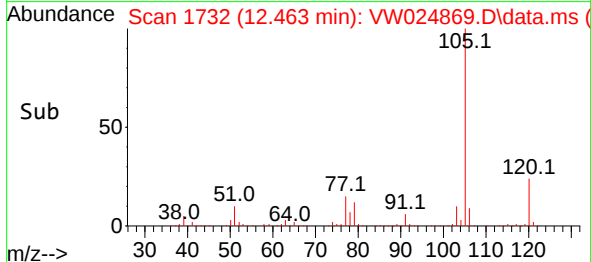
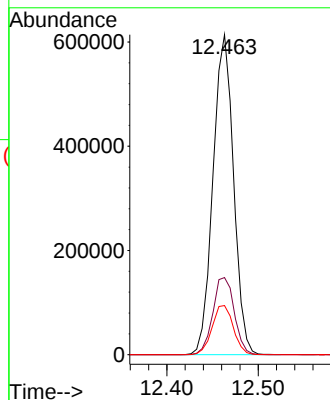
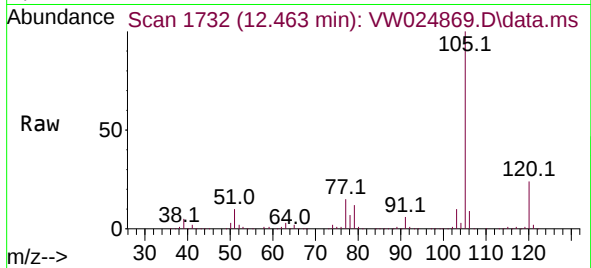




#60
Isopropylbenzene
Concen: 26.894 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

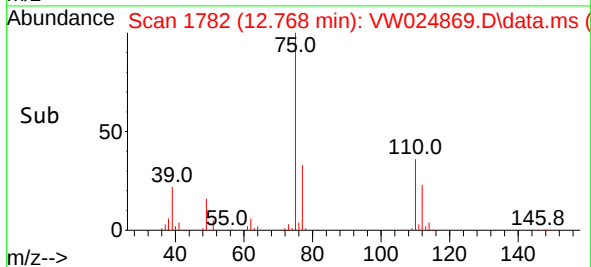
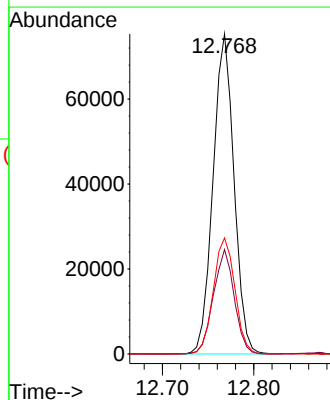
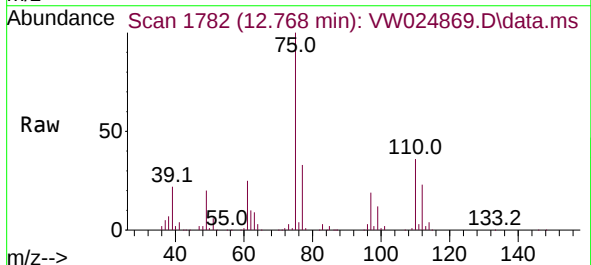
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

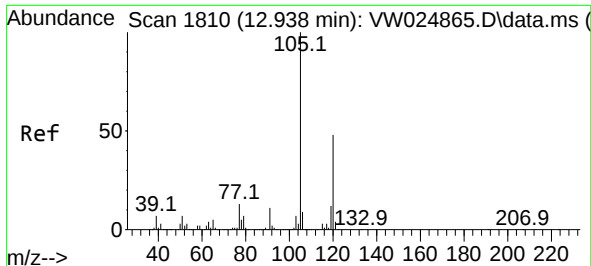
Tgt Ion:105 Resp: 958029
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.722 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion: 75 Resp: 120045
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 37.3 30.8 46.2

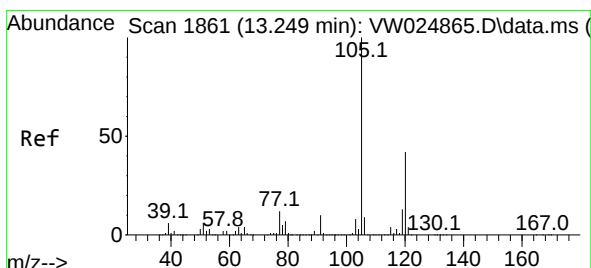
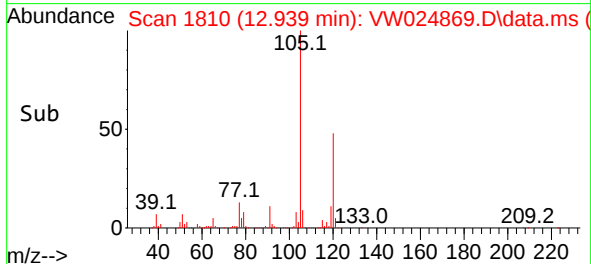
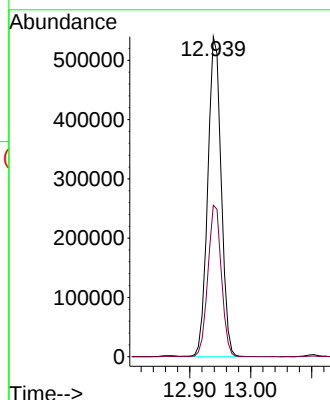
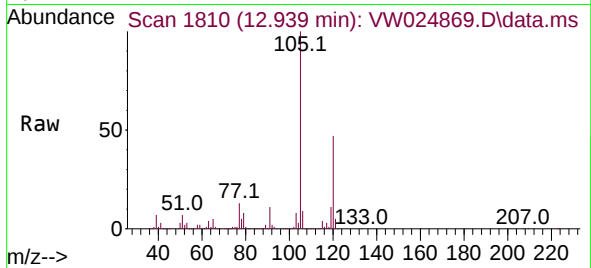




#62
1,3,5-Trimethylbenzene
Concen: 27.023 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

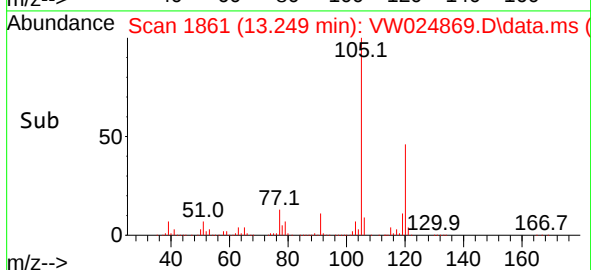
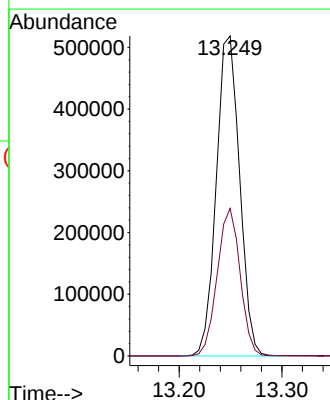
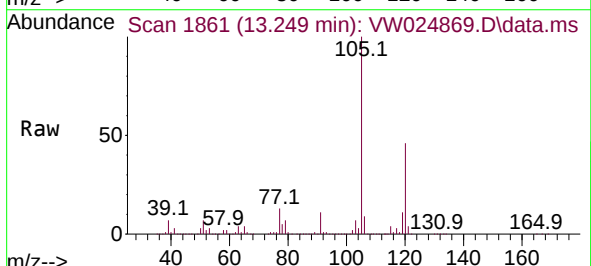
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

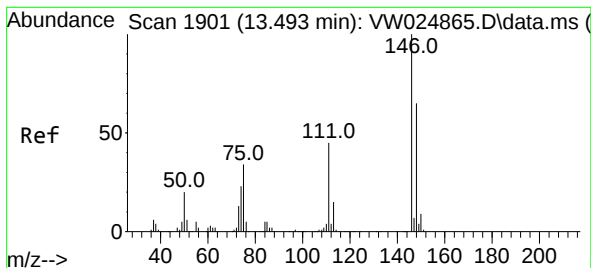
Tgt Ion:105 Resp: 826497
Ion Ratio Lower Upper
105 100
120 47.7 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 27.647 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion:105 Resp: 815271
Ion Ratio Lower Upper
105 100
120 45.3 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 26.354 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

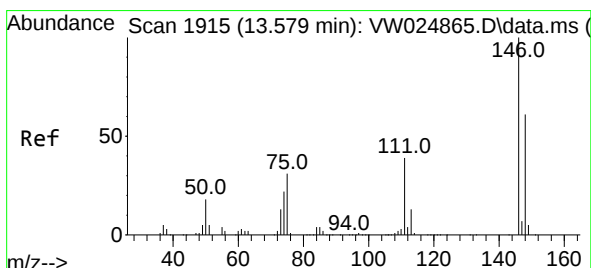
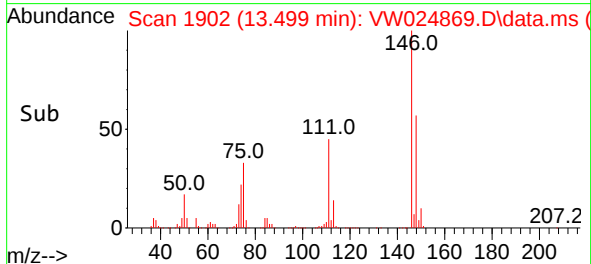
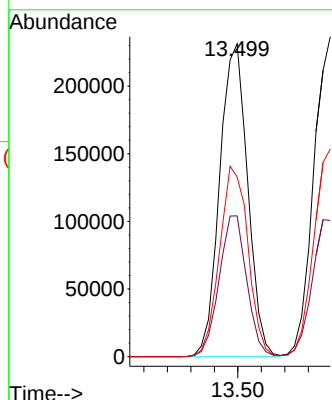
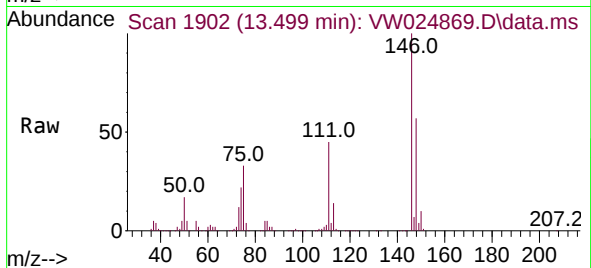
Tgt Ion:146 Resp: 382333

Ion Ratio Lower Upper

146 100

111 45.0 31.7 58.9

148 57.5 45.5 84.5



#65

1,4-Dichlorobenzene

Concen: 25.606 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

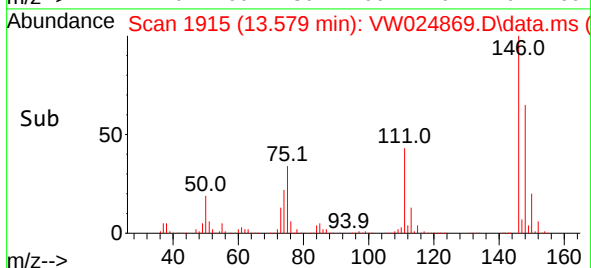
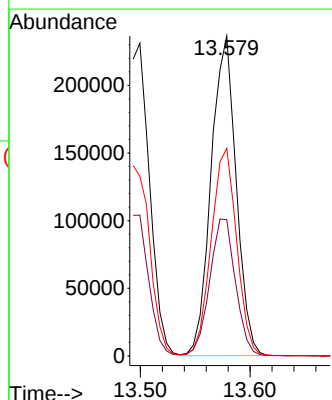
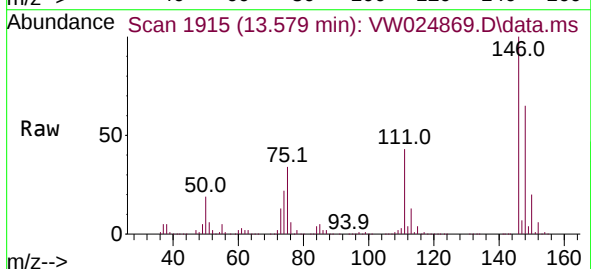
Tgt Ion:146 Resp: 376023

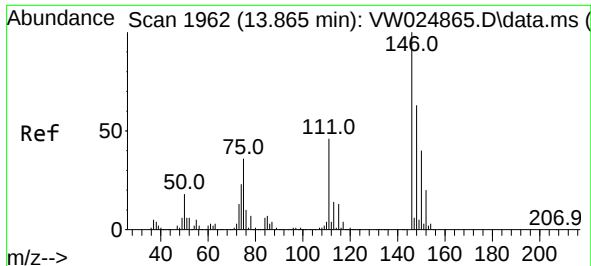
Ion Ratio Lower Upper

146 100

111 42.6 27.4 50.8

148 64.9 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 26.819 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

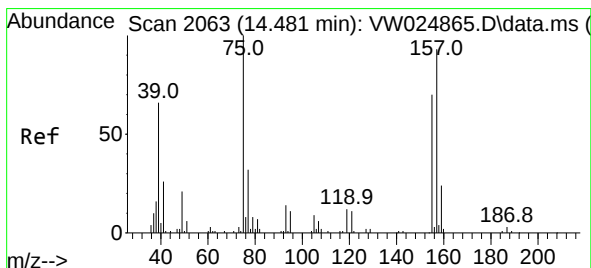
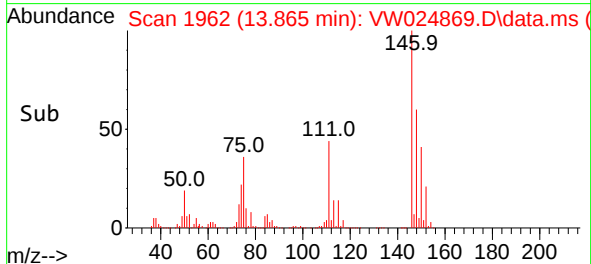
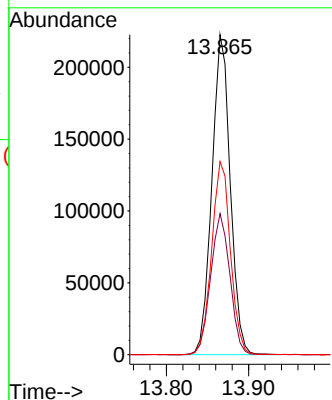
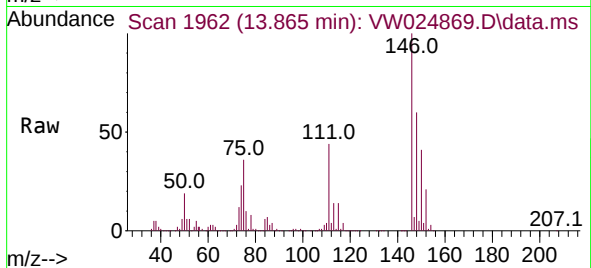
Tgt Ion:146 Resp: 345831

Ion Ratio Lower Upper

146 100

111 44.1 36.9 55.3

148 60.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.431 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024869.D

Acq: 12 Oct 2022 13:17

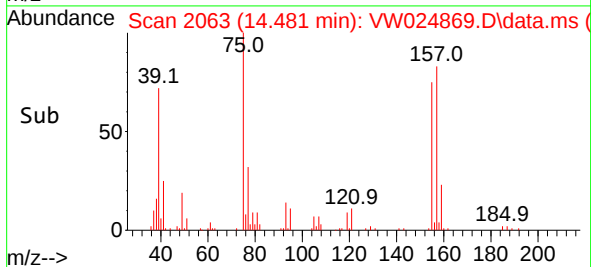
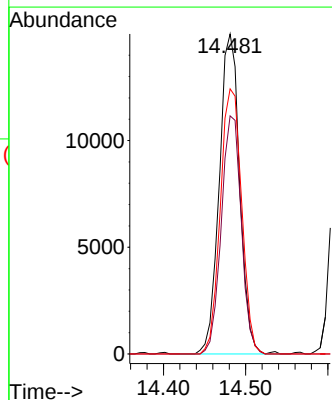
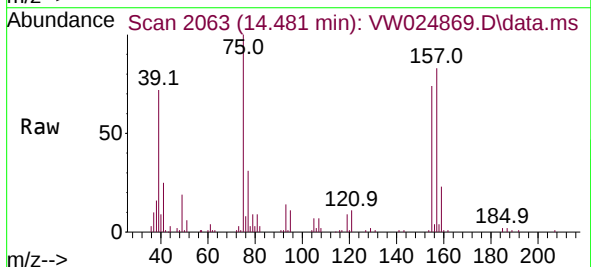
Tgt Ion: 75 Resp: 25786

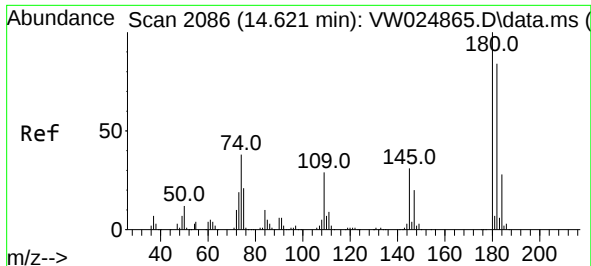
Ion Ratio Lower Upper

75 100

155 74.4 56.2 84.4

157 82.9 74.6 111.8

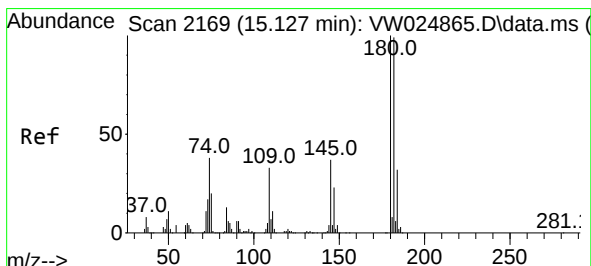
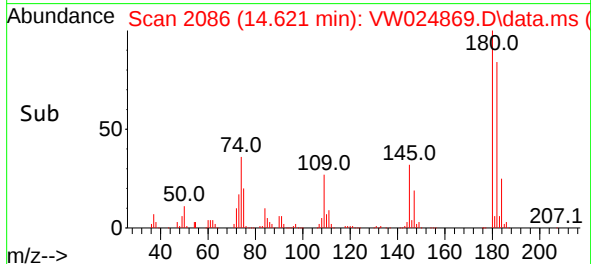
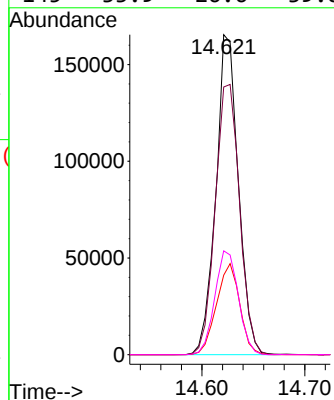
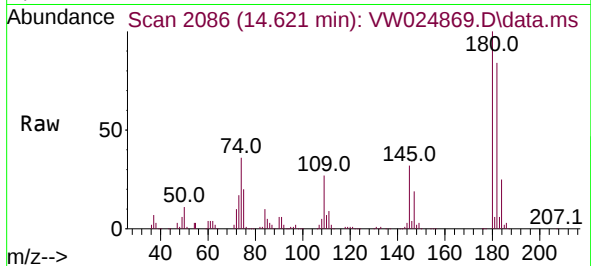




#69
1,3,5-Trichlorobenzene
Concen: 26.547 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

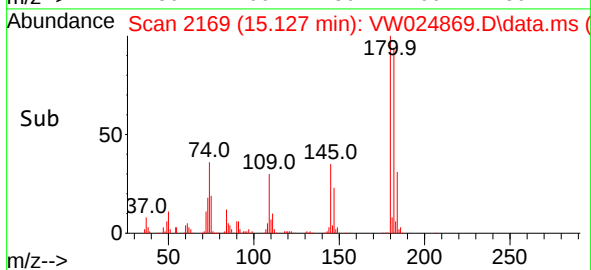
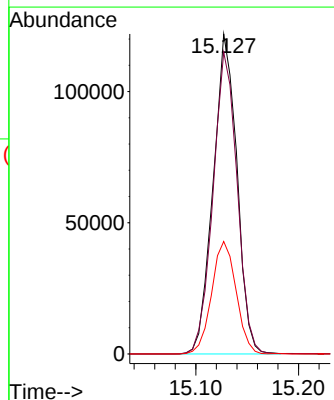
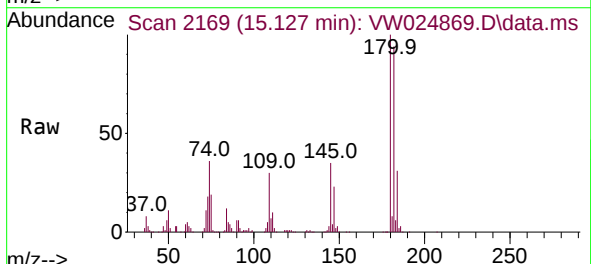
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

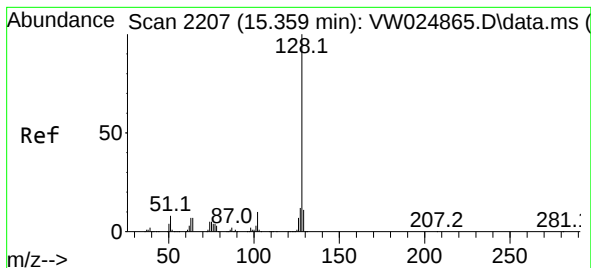
Tgt Ion:	180	Resp:	251462
Ion Ratio	Lower	Upper	
180	100		
182	91.4	75.0	112.6
184	29.3	22.9	34.3
145	33.9	26.6	39.8



#70
1,2,4-trichlorobenzene
Concen: 25.465 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion:	180	Resp:	195710
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.7	116.5
145	36.2	29.0	43.4

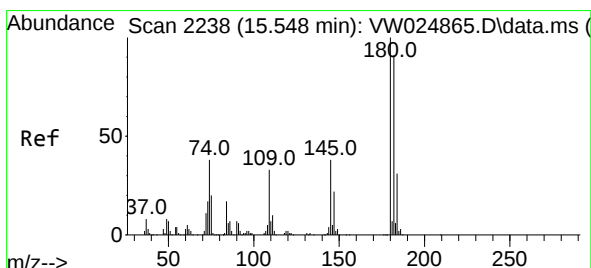
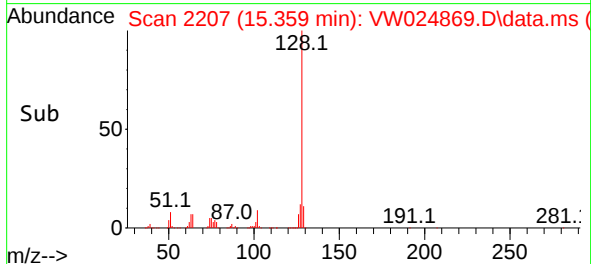
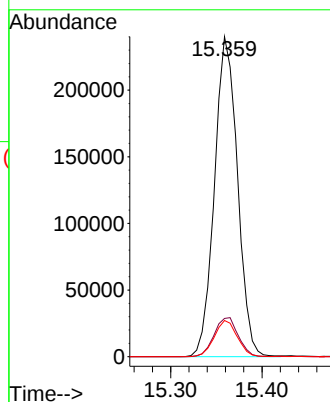
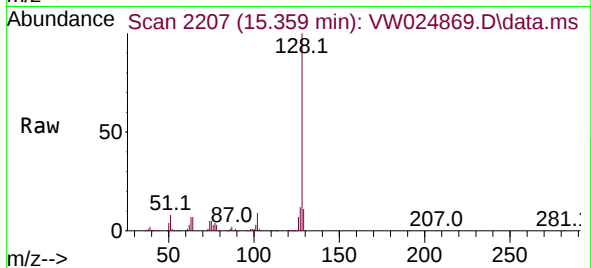




#71
Naphthalene
Concen: 25.240 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Tgt Ion:128 Resp: 420302
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.3 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 25.993 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024869.D
Acq: 12 Oct 2022 13:17

Tgt Ion:180 Resp: 170505
Ion Ratio Lower Upper
180 100
182 94.9 75.1 112.7
145 35.3 29.9 44.9

