

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024982.D
 Acq On : 26 Oct 2022 12:05
 Operator : SY/VA
 Sample : VSTD10065
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100465

Quant Time: Oct 27 04:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	336402	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	366875	97.163	ug/L	0.00
7) Chloroethane-d5	2.885	69	225172	101.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	871568	92.696	ug/L	0.00
21) 2-Butanone-d5	7.080	46	228201	179.090	ug/L	0.00
24) Chloroform-d	7.653	84	937886	91.867	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	515009	90.119	ug/L	0.00
32) Benzene-d6	8.275	84	1843479	90.157	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	537528	89.719	ug/L	0.00
41) Toluene-d8	10.323	98	1711255	89.894	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	255687	96.245	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	197097	190.443	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	428149	89.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	553488	85.811	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	156671	135.718	ug/L	94
3) Chloromethane	2.221	50	274462	101.700	ug/L	97
5) Vinyl chloride	2.367	62	361429	96.926	ug/L	97
6) Bromomethane	2.782	94	172597	92.751	ug/L	98
8) Chloroethane	2.922	64	154592	99.385	ug/L	98
9) Trichlorofluoromethane	3.257	101	286008	91.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	417942	94.350	ug/L	95
12) 1,1-Dichloroethene	4.044	96	389249	93.279	ug/L	97
13) Acetone	4.123	43	137573	152.169	ug/L	98
14) Carbon disulfide	4.385	76	1156225	94.851	ug/L	99
15) Methyl Acetate	4.665	43	165172	91.163	ug/L	98
16) Methylene chloride	4.915	84	399622	66.906	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	411409	92.072	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	686230	91.553	ug/L	99
19) 1,1-Dichloroethane	6.214	63	757916	91.617	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	454216	93.265	ug/L	98
22) 2-Butanone	7.171	43	218536	161.118	ug/L	99
23) Bromochloromethane	7.519	128	190603	90.277	ug/L	97
25) Chloroform	7.677	83	797019	91.287	ug/L	97
27) 1,2-Dichloroethane	8.403	62	533075	90.013	ug/L	100
29) Cyclohexane	7.958	56	694887	92.250	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	692193	88.666	ug/L	99
31) Carbon tetrachloride	8.073	117	635161	91.050	ug/L	98
33) Benzene	8.329	78	1677969	87.345	ug/L	100
34) Trichloroethene	9.091	95	450651	88.615	ug/L	96
35) Methylcyclohexane	9.335	83	790988	91.538	ug/L	100
37) 1,2-Dichloropropane	9.366	63	415504	89.113	ug/L	99
38) Bromodichloromethane	9.646	83	591164	90.844	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	713785	96.836	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	500025	182.747	ug/L	99
42) Toluene	10.390	91	1828420	89.650	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	636821	97.180	ug/L	98

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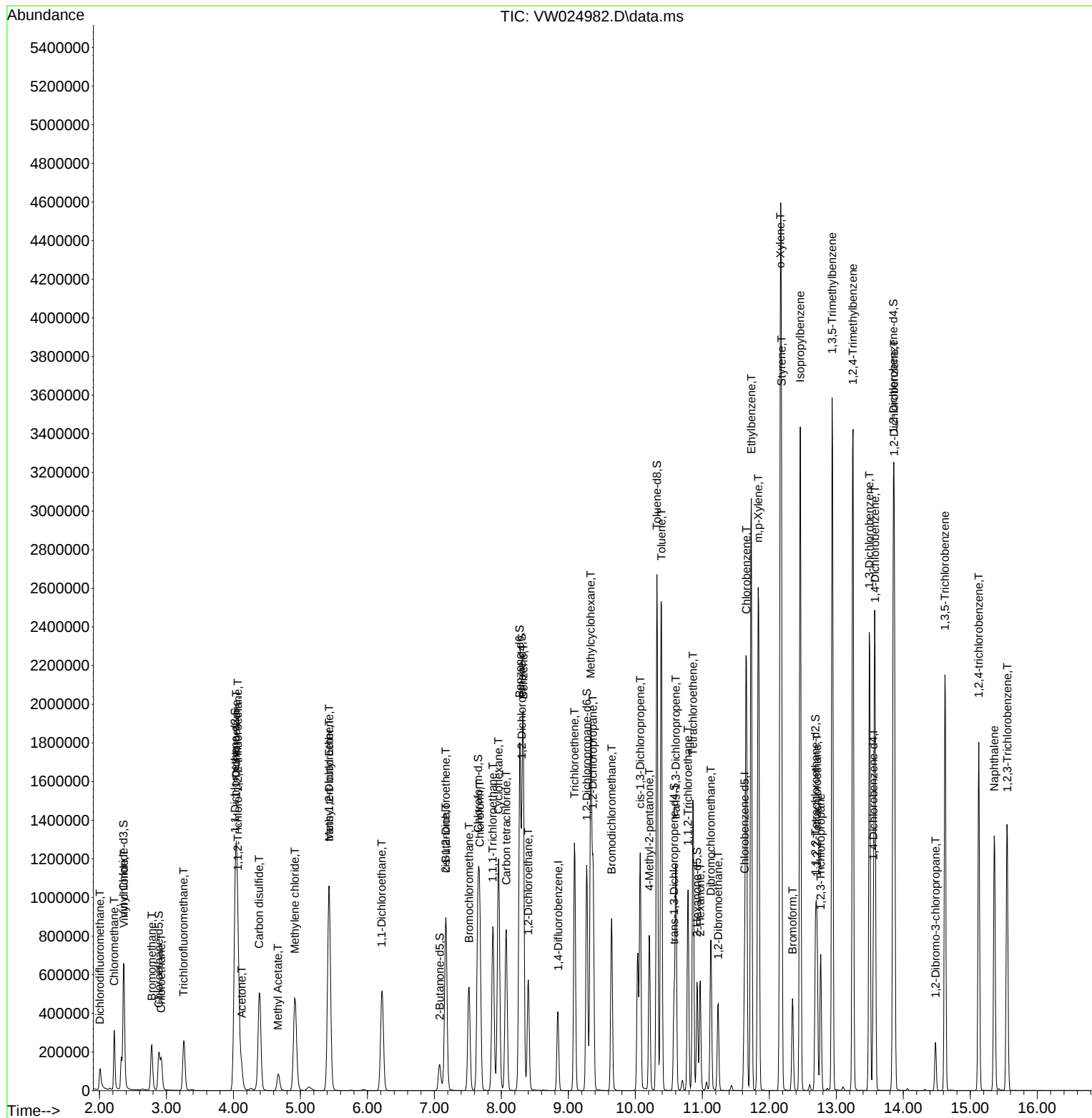
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	316591	89.929	ug/L	99
46) Tetrachloroethene	10.859	164	310320	85.325	ug/L	93
48) 2-Hexanone	10.969	43	348633	184.240	ug/L	98
49) Dibromochloromethane	11.128	129	403465	94.019	ug/L	97
50) 1,2-Dibromoethane	11.237	107	305300	91.695	ug/L	98
51) Chlorobenzene	11.658	112	1192450	90.200	ug/L	99
52) Ethylbenzene	11.731	91	2165340	91.977	ug/L	95
53) m,p-Xylene	11.835	106	836460	91.788	ug/L	96
54) o-Xylene	12.164	106	795289	92.505	ug/L	99
55) Styrene	12.182	104	1392127	93.230	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	383012	90.691	ug/L	97
59) Bromoform	12.347	173	211974	89.293	ug/L	97
60) Isopropylbenzene	12.463	105	2226546	88.236	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	283117	83.961	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1935651	88.366	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1926659	89.696	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	916748	87.107	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	902257	85.917	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	787623	83.233	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	70191	90.075	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	599129	85.949	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	501110	92.489	ug/L	98
71) Naphthalene	15.359	128	1128326	98.721	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	441106	93.438	ug/L	99

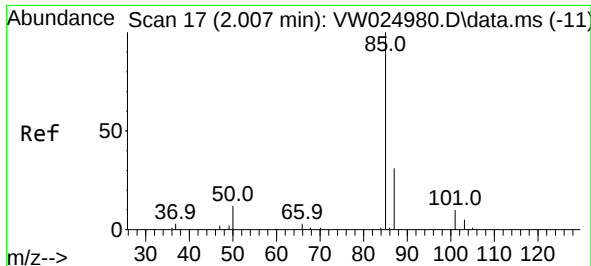
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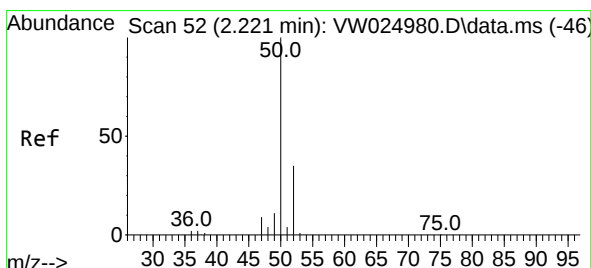
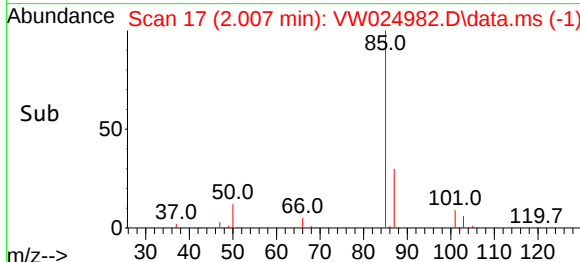
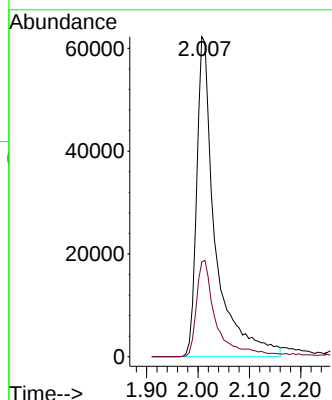
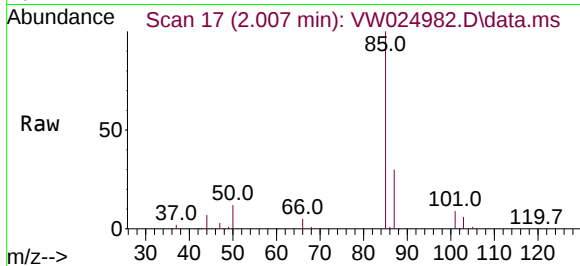




#2
 Dichlorodifluoromethane
 Concen: 135.718 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

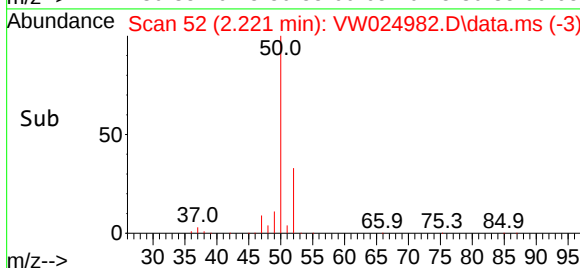
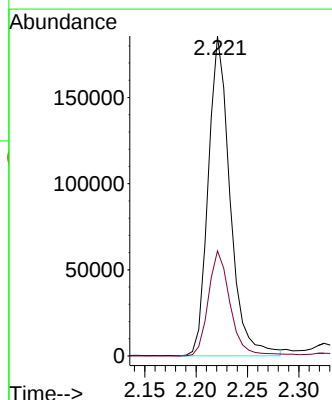
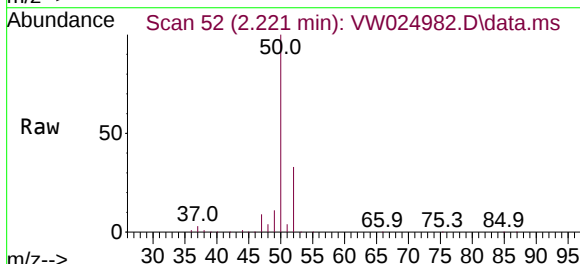
Instrument :
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 ClientSampleId :
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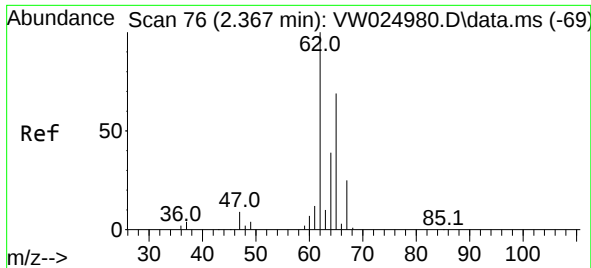
Tgt Ion: 85 Resp: 156671
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.9 38.9



#3
 Chloromethane
 Concen: 101.700 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

Tgt Ion: 50 Resp: 274462
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.1 44.8

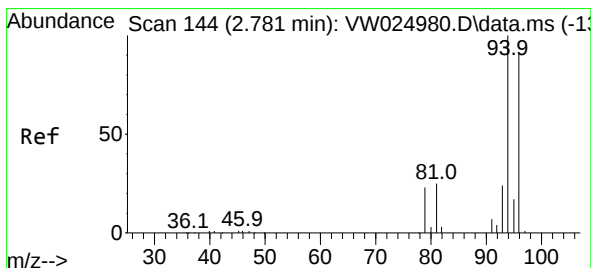
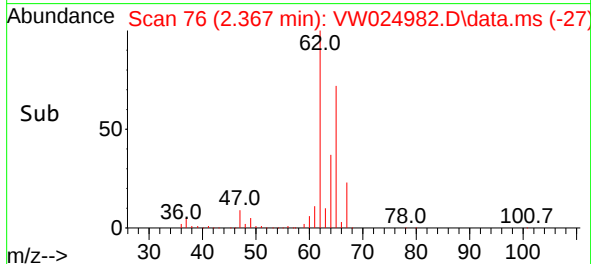
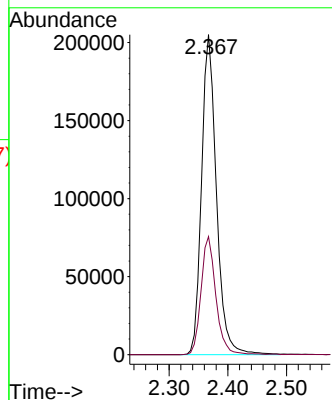
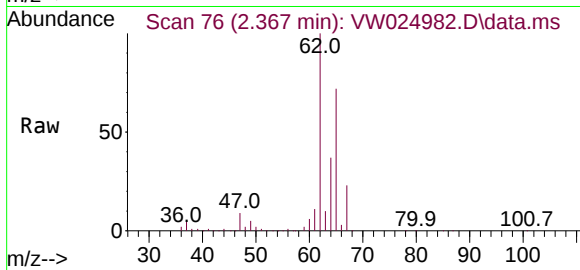




#5
 Vinyl chloride
 Concen: 96.926 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

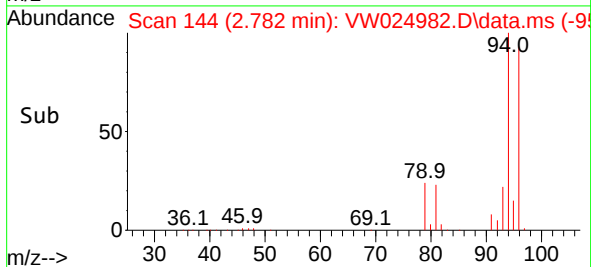
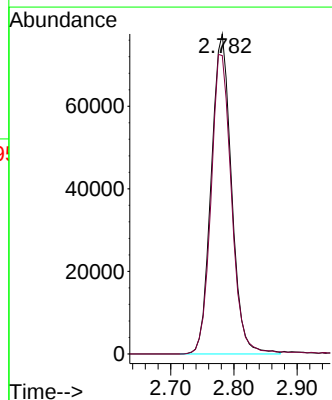
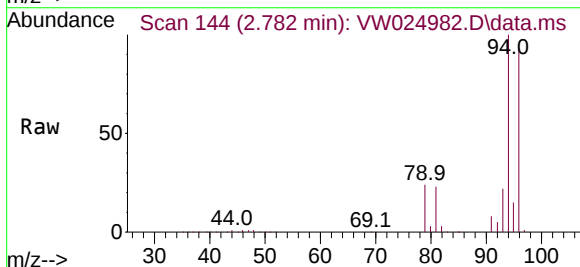
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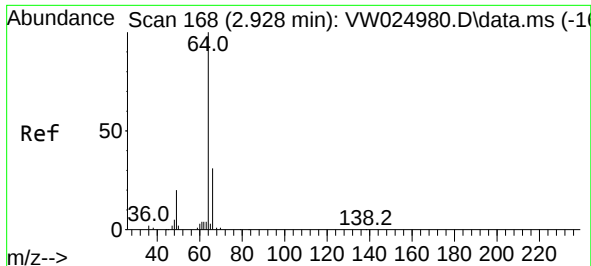
Tgt Ion: 62 Resp: 361429
 Ion Ratio Lower Upper
 62 100
 64 36.9 27.2 50.6



#6
 Bromomethane
 Concen: 92.751 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

Tgt Ion: 94 Resp: 172597
 Ion Ratio Lower Upper
 94 100
 96 93.3 63.8 118.6

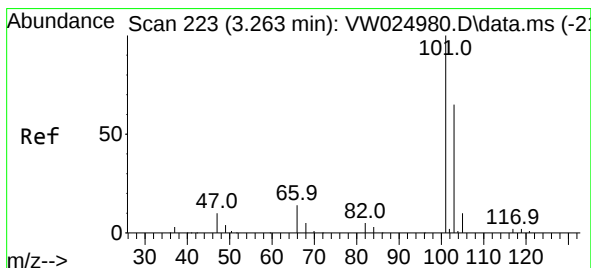
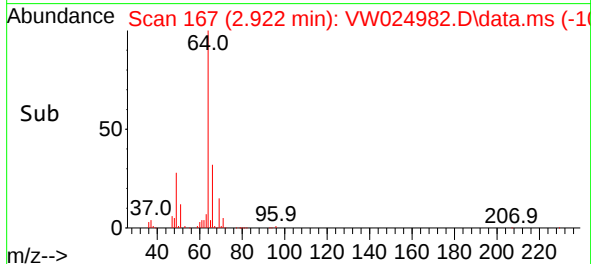
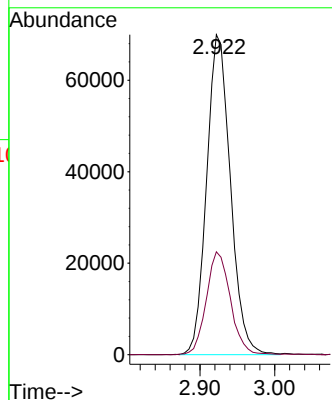
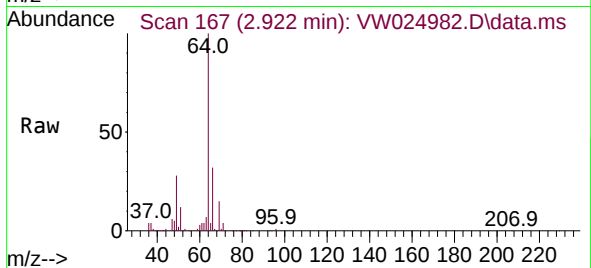




#8
Chloroethane
Concen: 99.385 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

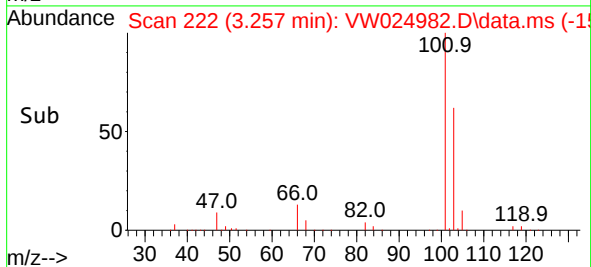
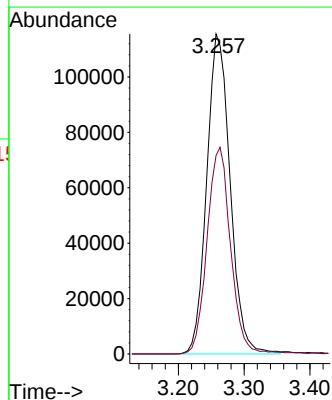
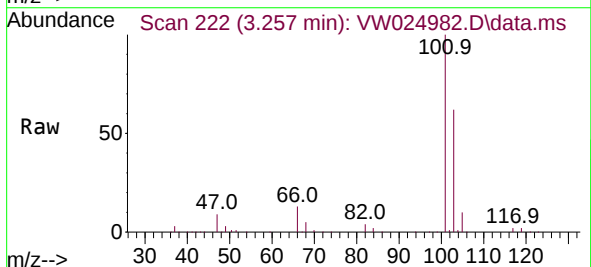
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VSTD100465

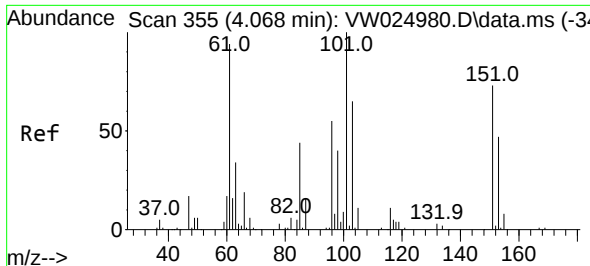
Tgt Ion: 64 Resp: 154592
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 91.431 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion:101 Resp: 286008
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

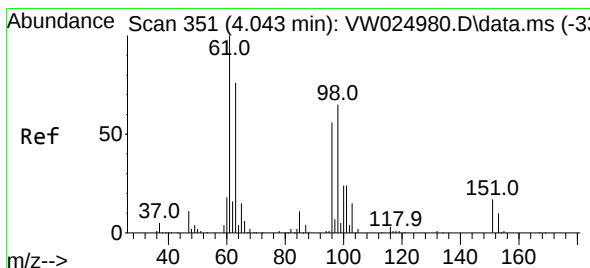
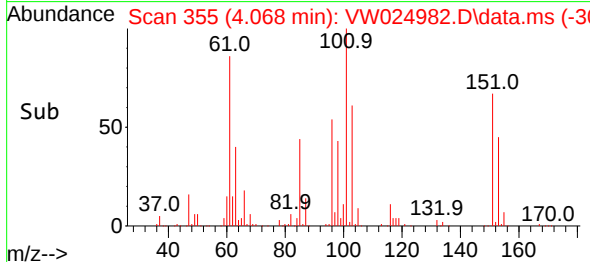
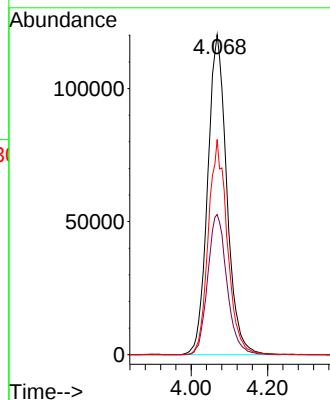
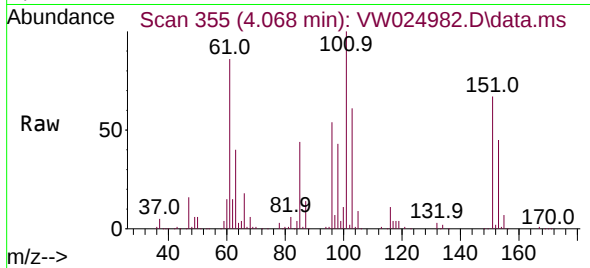




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.350 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

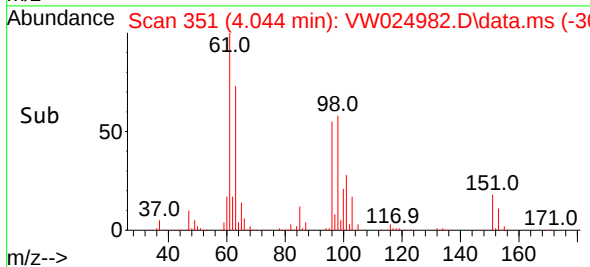
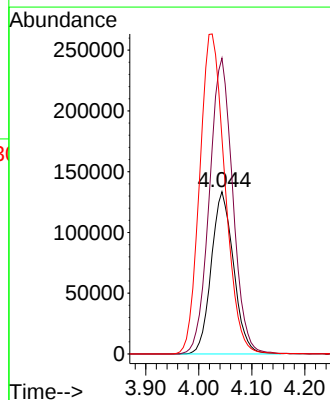
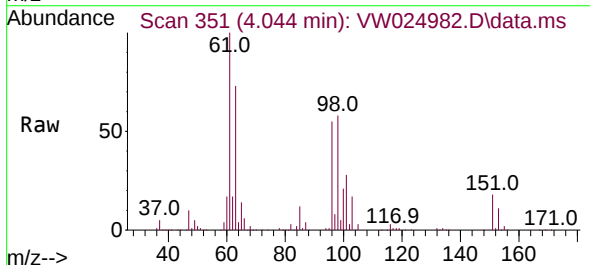
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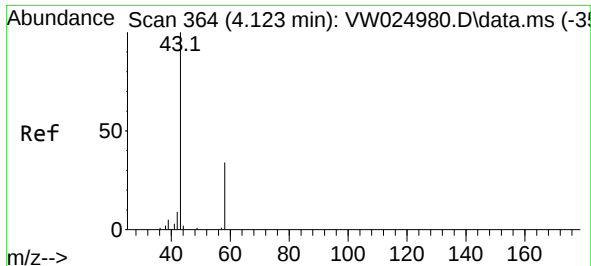
Tgt Ion:101 Resp: 417942
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.5 54.7
 151 66.5 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 93.279 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

Tgt Ion: 96 Resp: 389249
 Ion Ratio Lower Upper
 96 100
 61 182.3 126.2 234.4
 63 133.1 98.3 182.7





#13

Acetone

Concen: 152.169 ug/L

RT: 4.123 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW024982.D

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Instrument :

MSVOA_W

ClientSampleId :

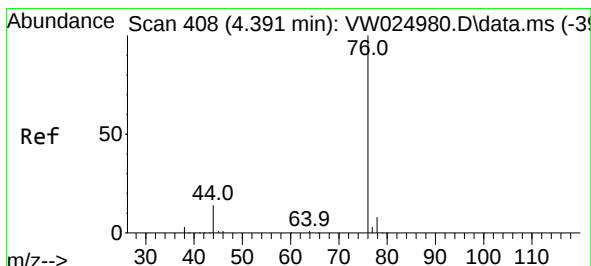
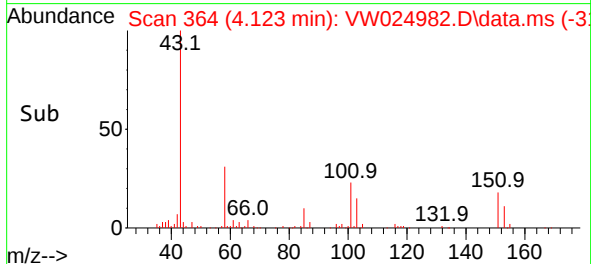
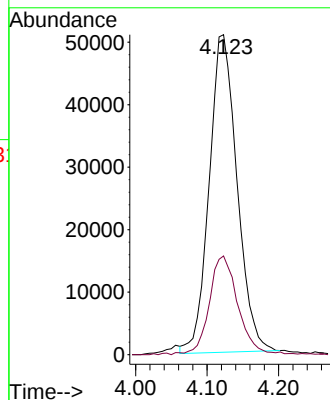
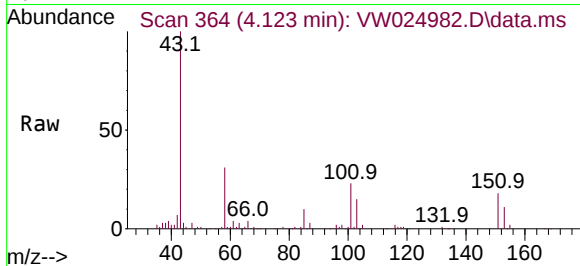
VSTD100465

Tgt Ion: 43 Resp: 137573

Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.4



#14

Carbon disulfide

Concen: 94.851 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW024982.D

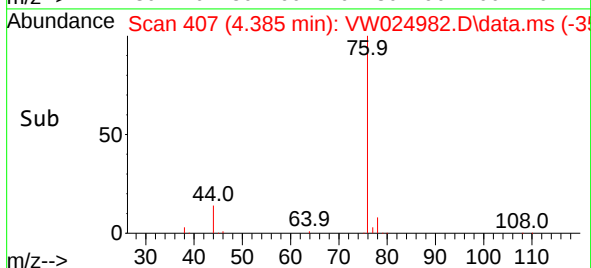
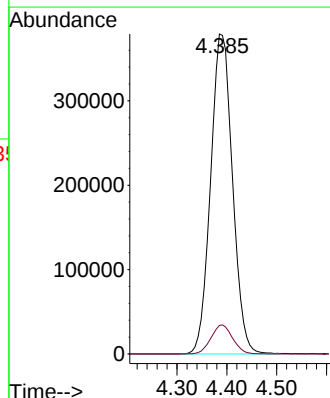
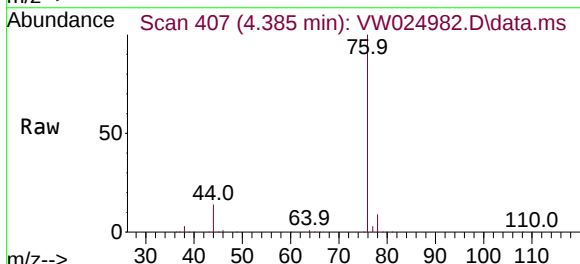
Acq: 26 Oct 2022 12:05

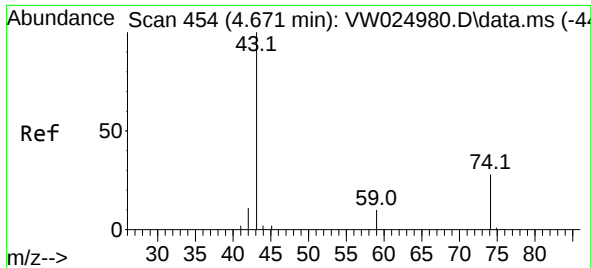
Tgt Ion: 76 Resp: 1156225

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2

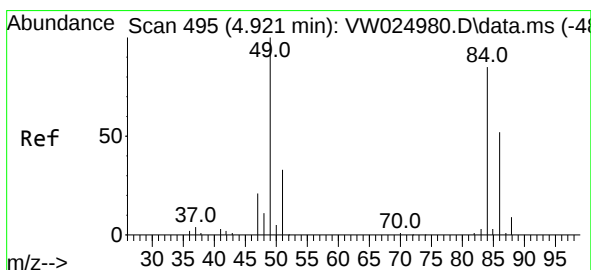
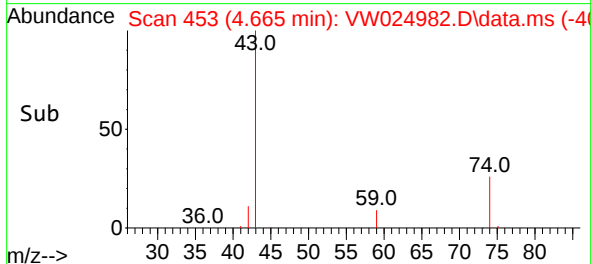
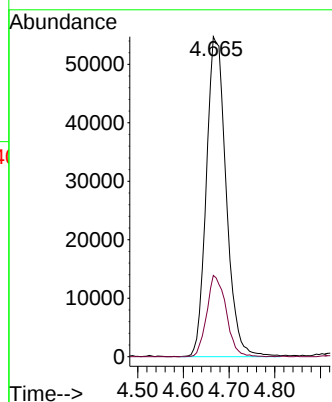
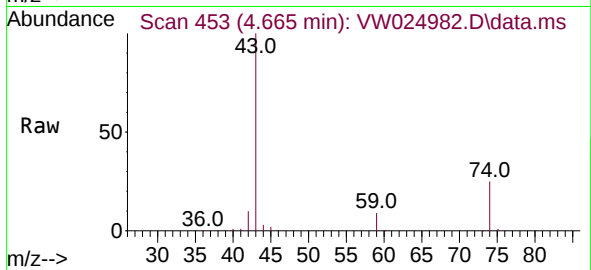




#15
Methyl Acetate
Concen: 91.163 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

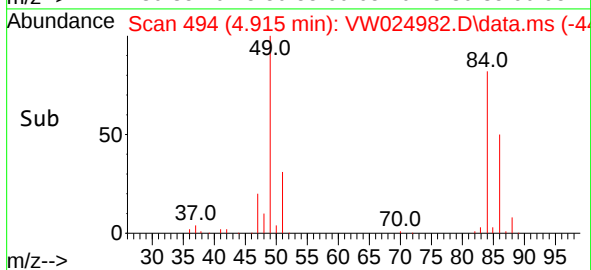
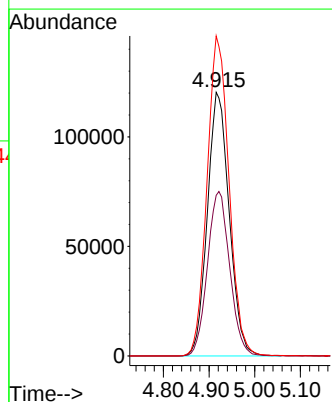
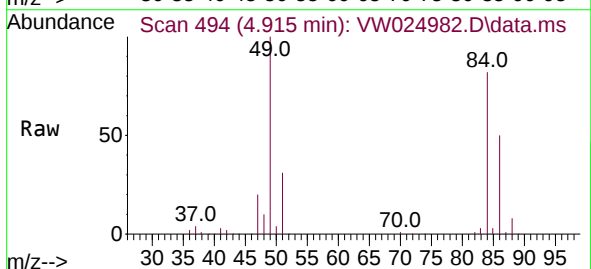
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

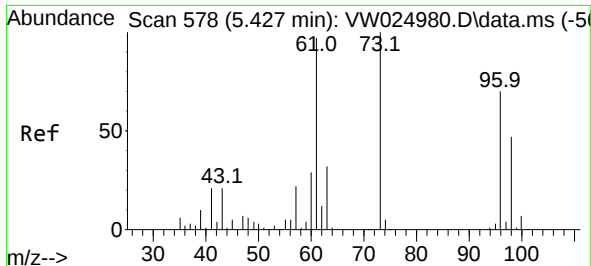
Tgt Ion: 43 Resp: 165172
Ion Ratio Lower Upper
43 100
74 24.8 20.6 30.8



#16
Methylene chloride
Concen: 66.906 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 84 Resp: 399622
Ion Ratio Lower Upper
84 100
86 60.9 42.6 79.0
49 121.4 81.9 152.1

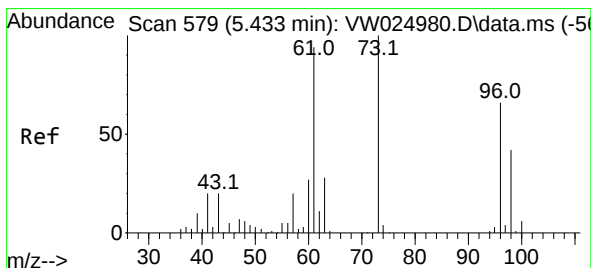
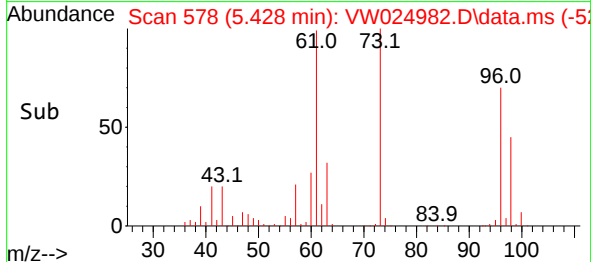
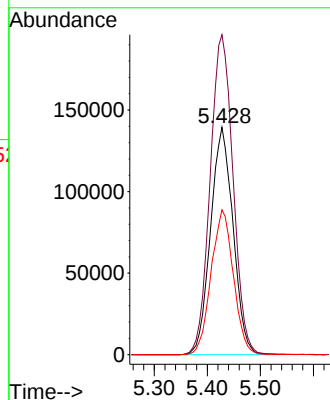
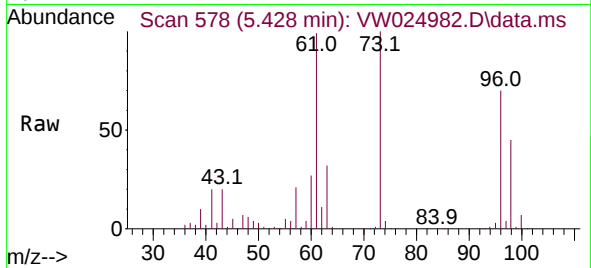




#17
trans-1,2-Dichloroethene
Concen: 92.072 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

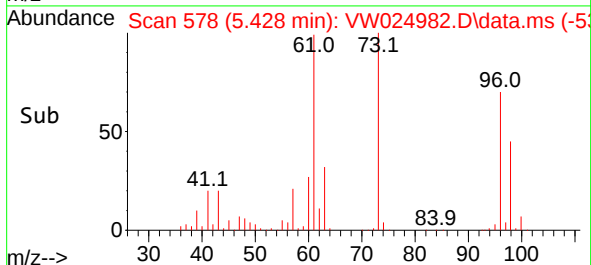
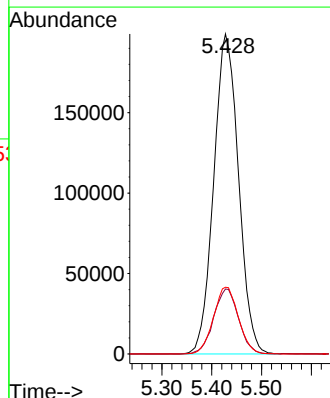
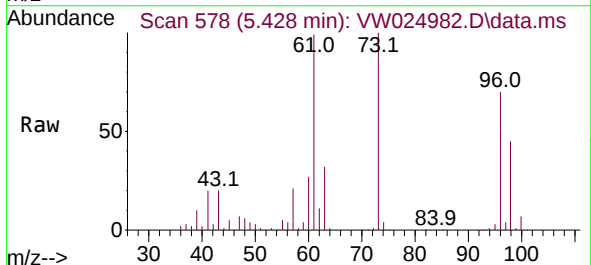
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

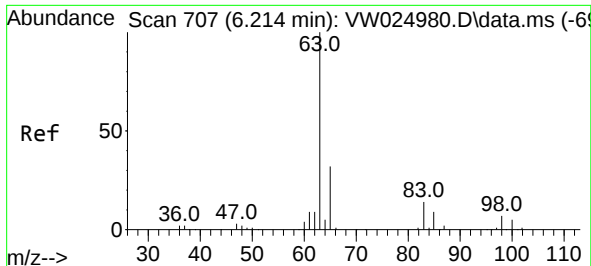
Tgt Ion: 96 Resp: 411409
Ion Ratio Lower Upper
96 100
61 140.8 97.6 181.2
98 63.7 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 91.553 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 73 Resp: 686230
Ion Ratio Lower Upper
73 100
43 20.4 16.6 24.8
57 21.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 91.617 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

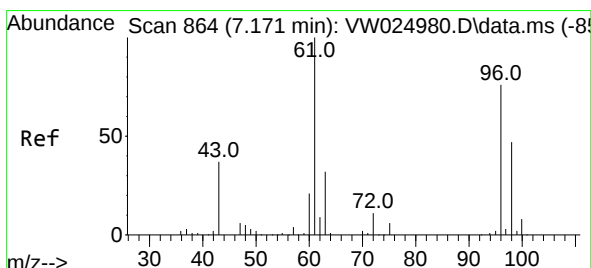
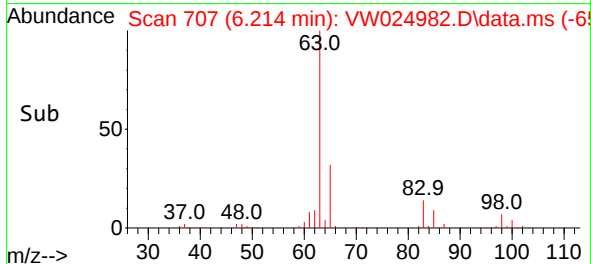
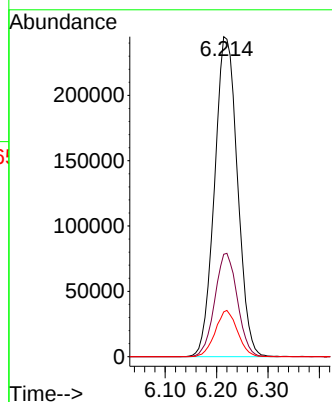
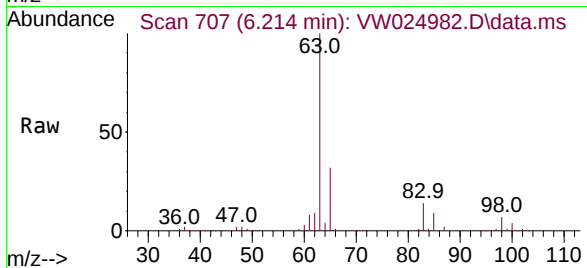
Tgt Ion: 63 Resp: 757916

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 93.265 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

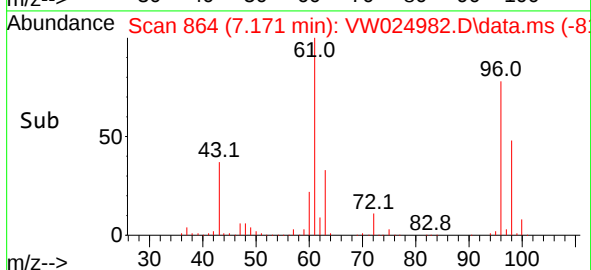
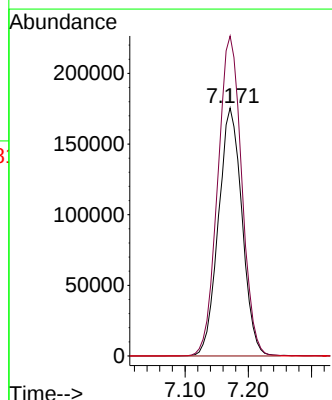
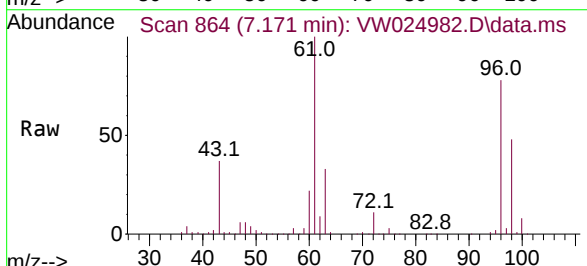
Tgt Ion: 96 Resp: 454216

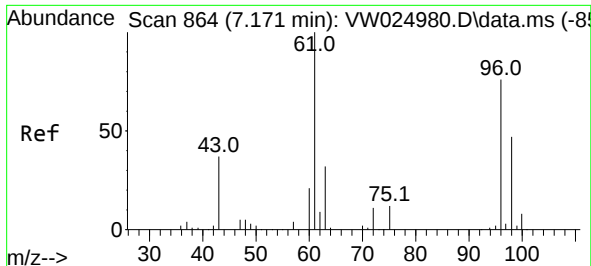
Ion Ratio Lower Upper

96 100

61 129.0 91.8 170.6

68 0.0 0.0 0.0

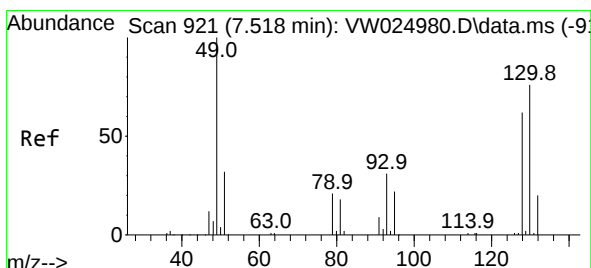
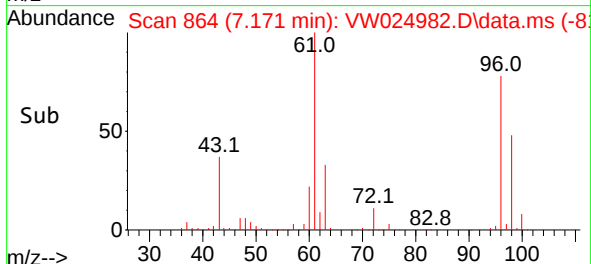
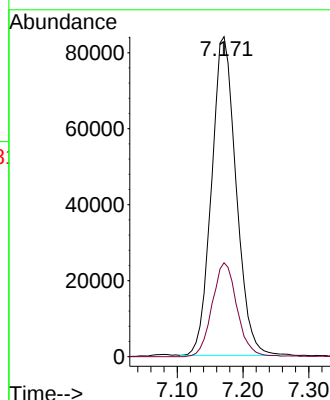
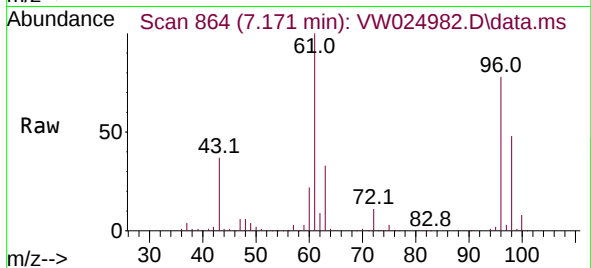




#22
2-Butanone
Concen: 161.118 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

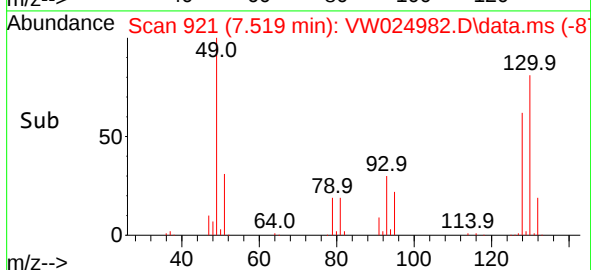
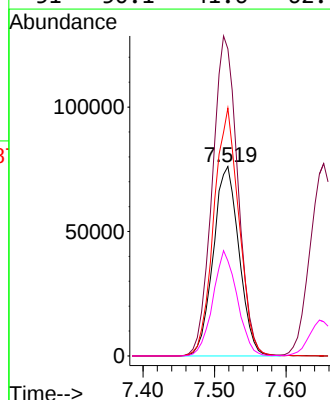
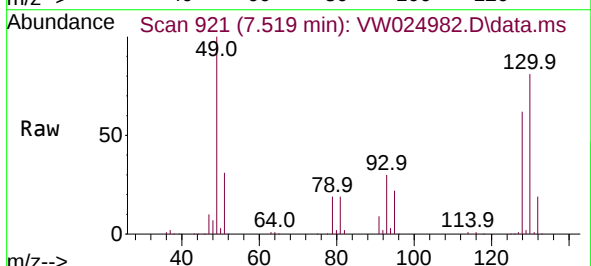
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

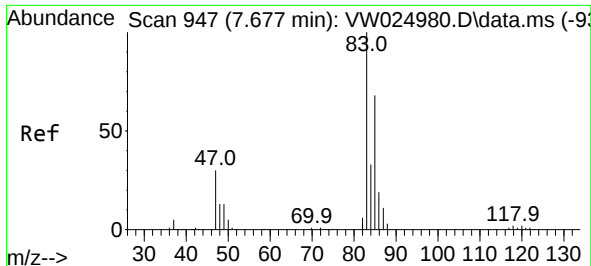
Tgt Ion: 43 Resp: 218536
Ion Ratio Lower Upper
43 100
72 29.7 14.6 44.0



#23
Bromochloromethane
Concen: 90.277 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 128 Resp: 190603
Ion Ratio Lower Upper
128 100
49 162.0 112.8 209.4
130 130.8 86.2 160.2
51 50.1 41.6 62.4

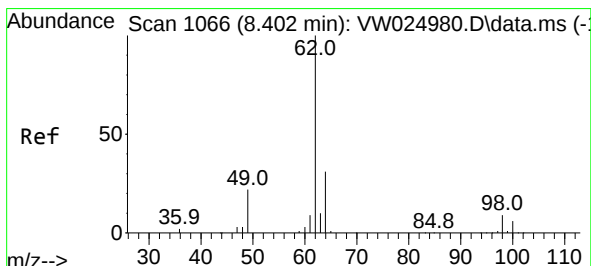
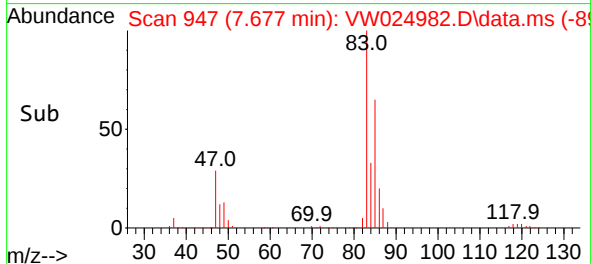
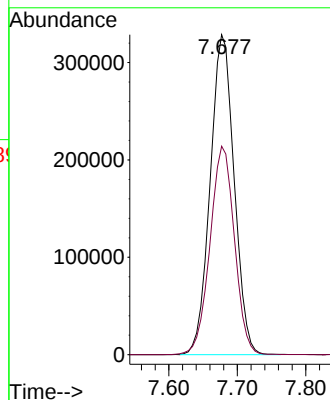
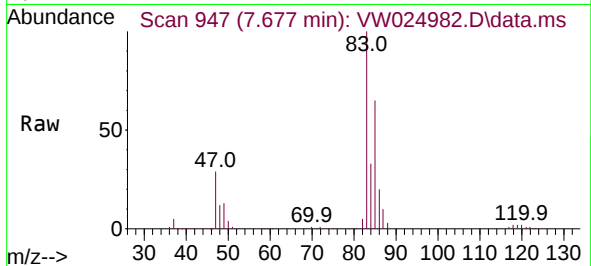




#25
Chloroform
Concen: 91.287 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

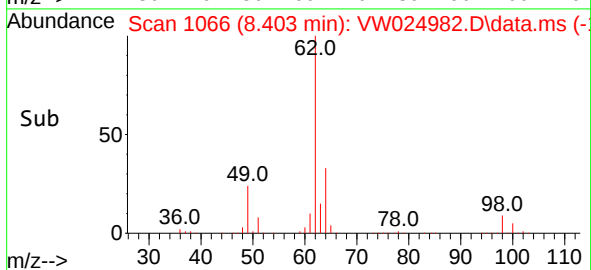
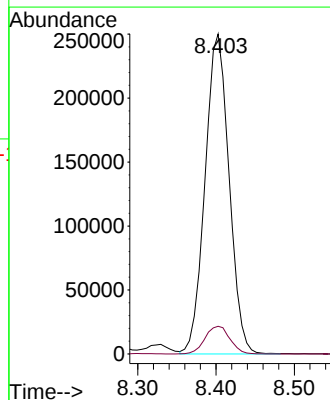
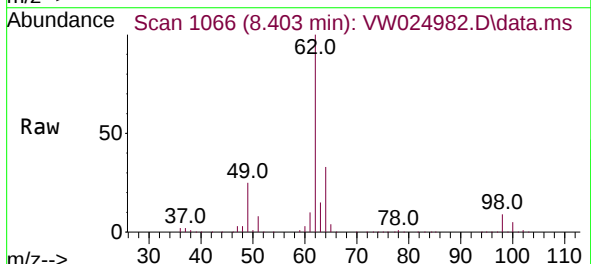
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

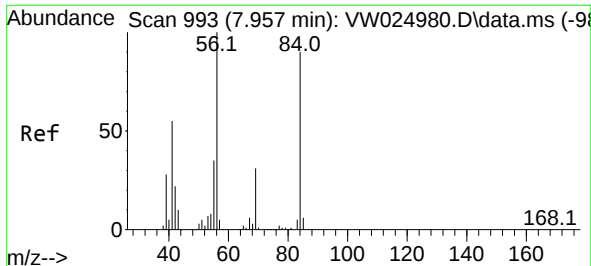
Tgt Ion: 83 Resp: 797019
Ion Ratio Lower Upper
83 100
85 65.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 90.013 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 62 Resp: 533075
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4

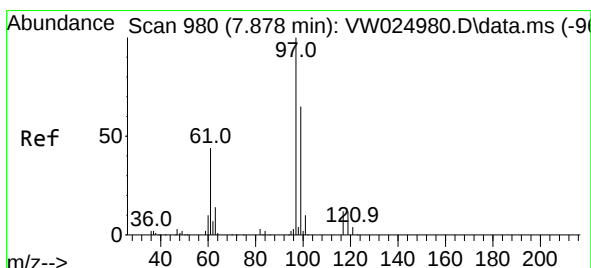
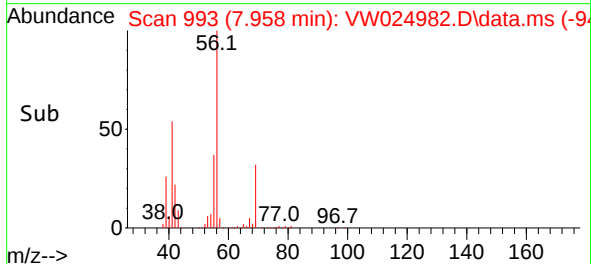
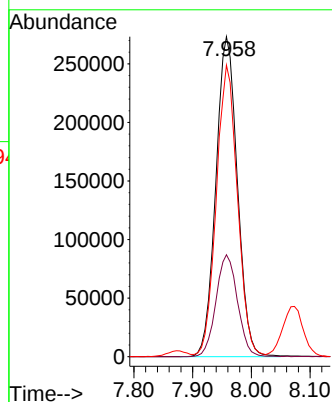
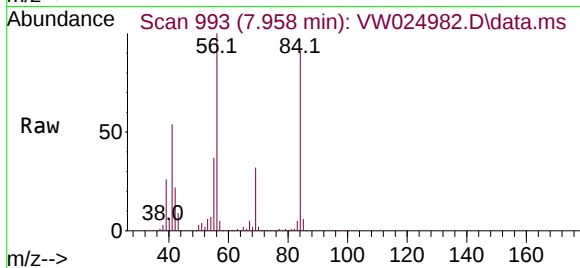




#29
Cyclohexane
Concen: 92.250 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

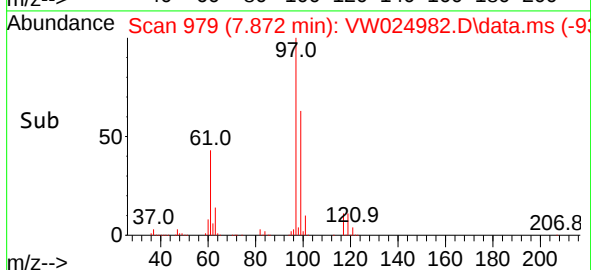
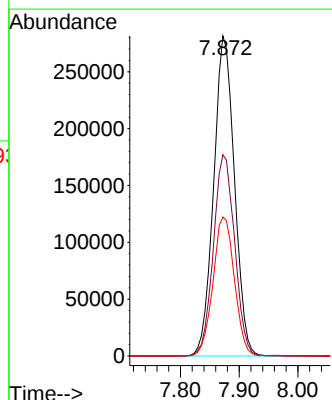
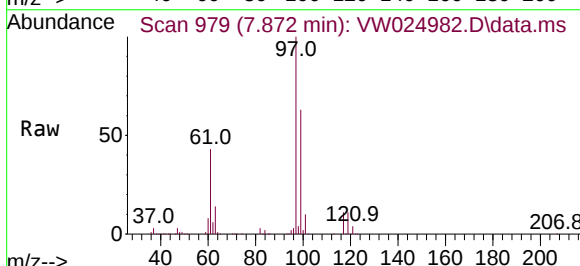
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

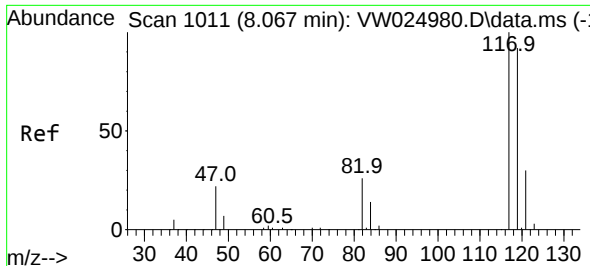
Tgt Ion: 56 Resp: 694887
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.4
84 89.7 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 88.666 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 97 Resp: 692193
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 44.6 36.6 54.8

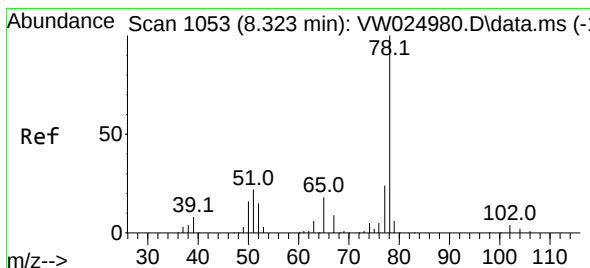
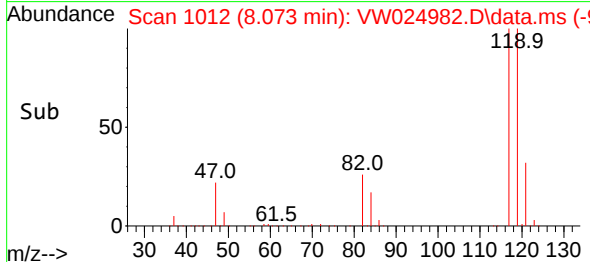
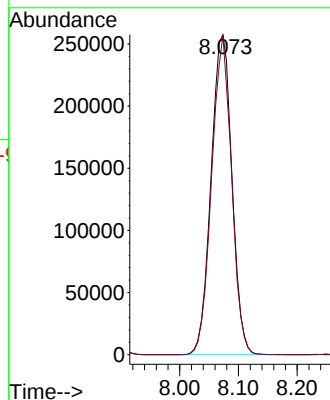
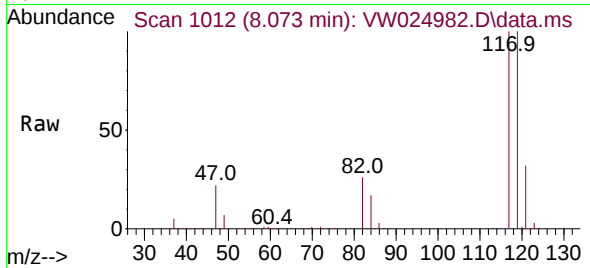




#31
Carbon tetrachloride
Concen: 91.050 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

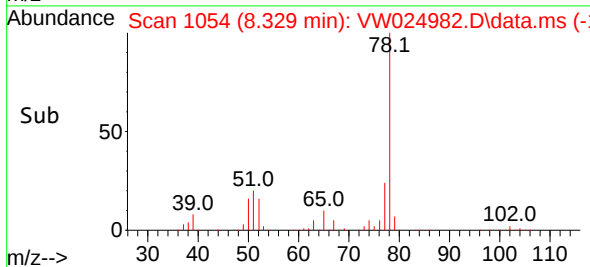
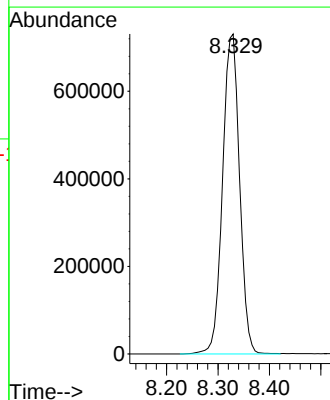
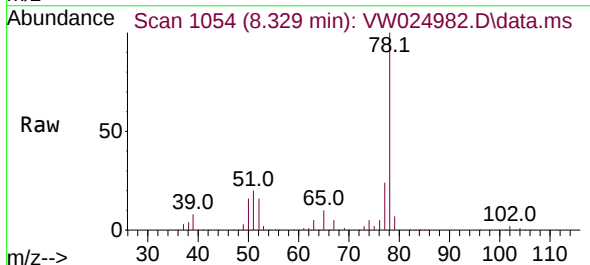
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

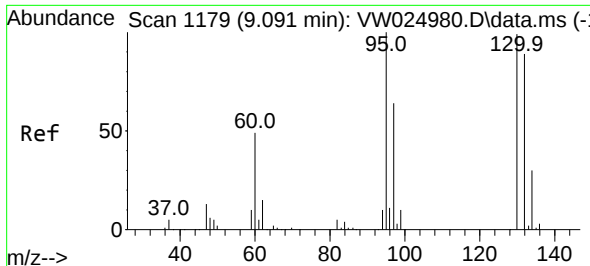
Tgt Ion:117 Resp: 635161
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5



#33
Benzene
Concen: 87.345 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 78 Resp: 1677969

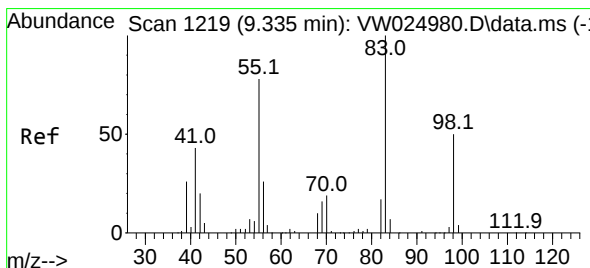
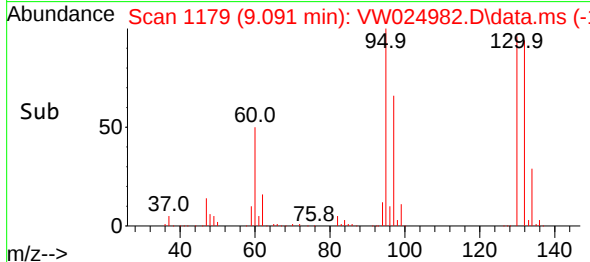
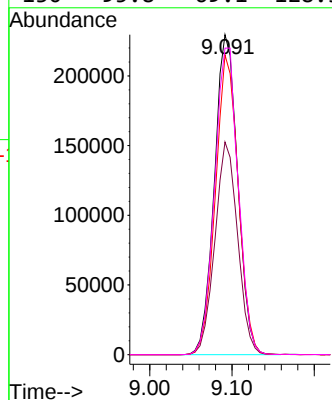
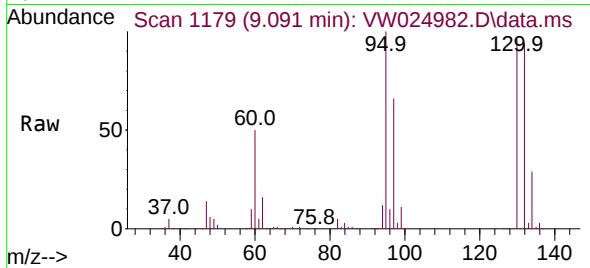




#34
Trichloroethene
Concen: 88.615 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

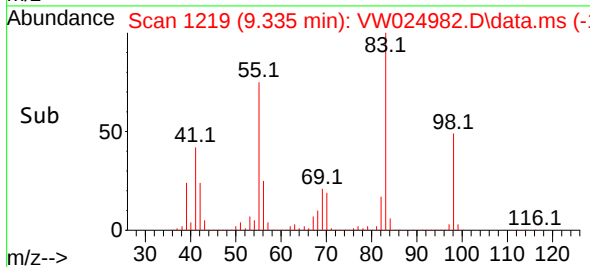
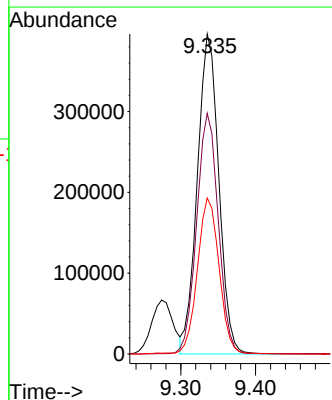
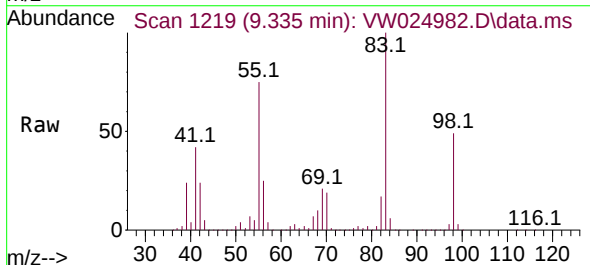
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

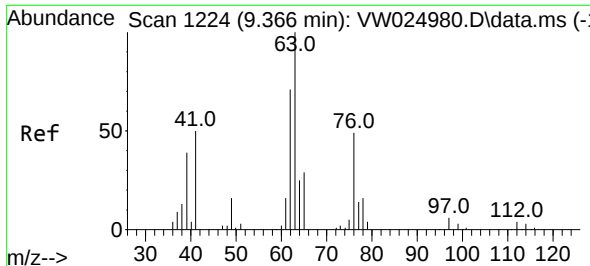
Tgt Ion: 95 Resp: 450651
Ion Ratio Lower Upper
95 100
97 66.5 44.7 83.1
132 93.6 62.6 116.2
130 95.8 69.1 128.3



#35
Methylcyclohexane
Concen: 91.538 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 83 Resp: 790988
Ion Ratio Lower Upper
83 100
55 75.2 60.4 90.6
98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 89.113 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

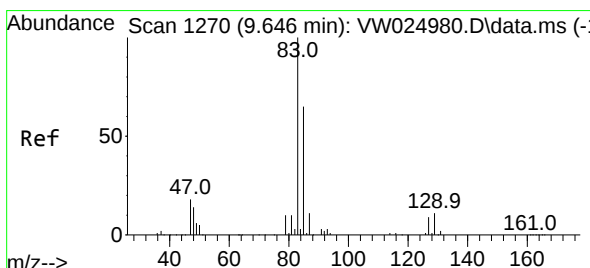
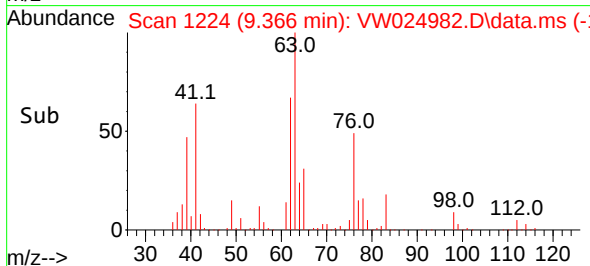
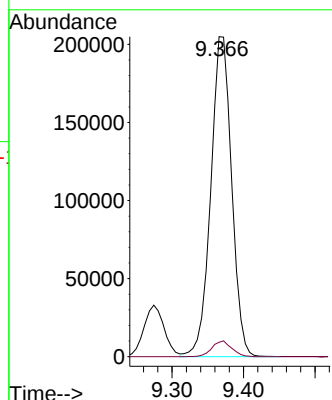
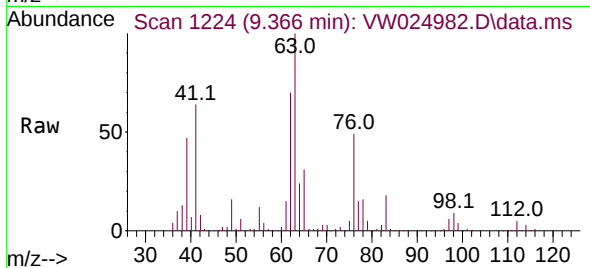
VSTD100465

Tgt Ion: 63 Resp: 415504

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 90.844 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

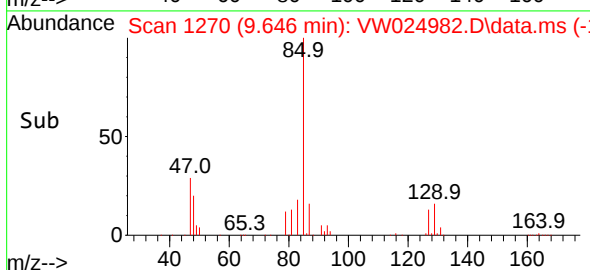
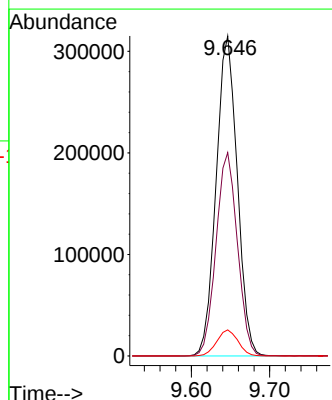
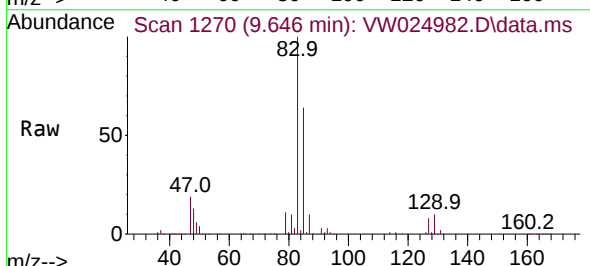
Tgt Ion: 83 Resp: 591164

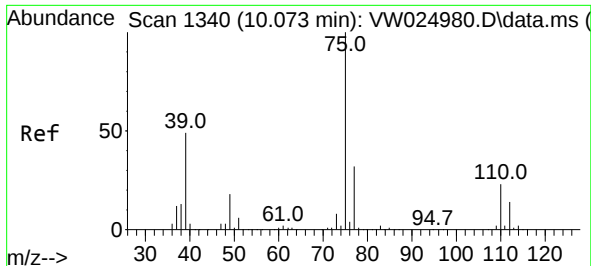
Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0

127 8.1 6.8 10.2

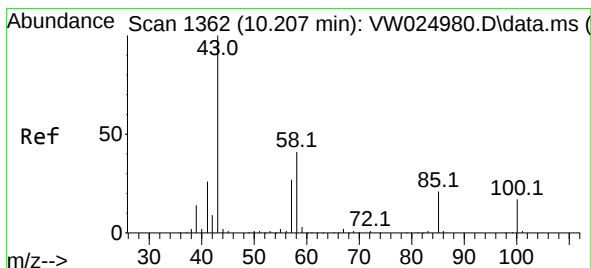
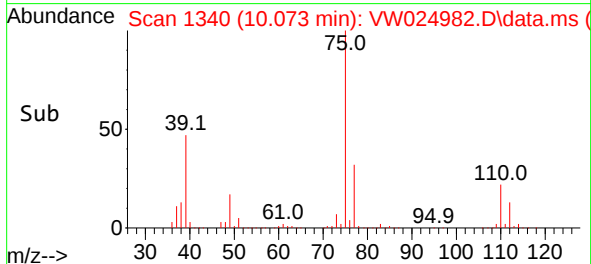
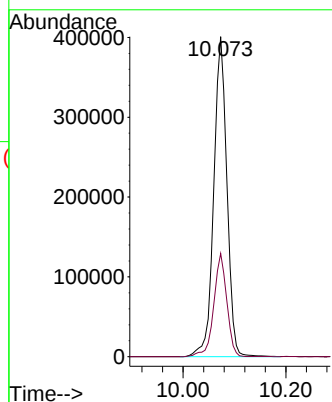
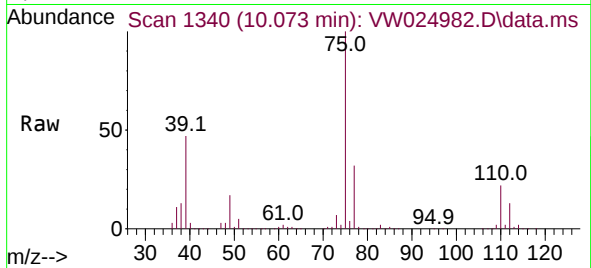




#39
 cis-1,3-Dichloropropene
 Concen: 96.836 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

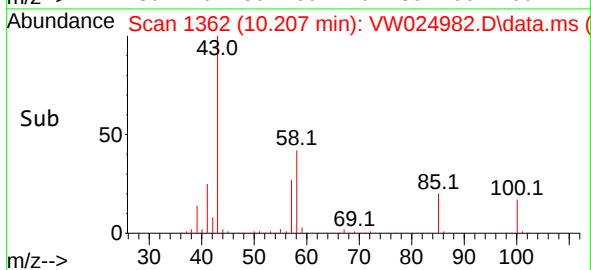
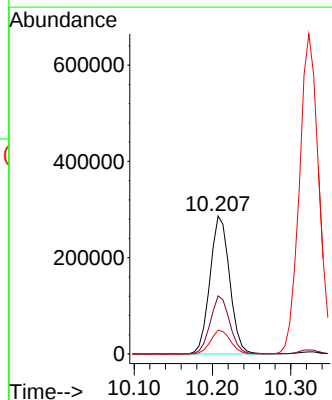
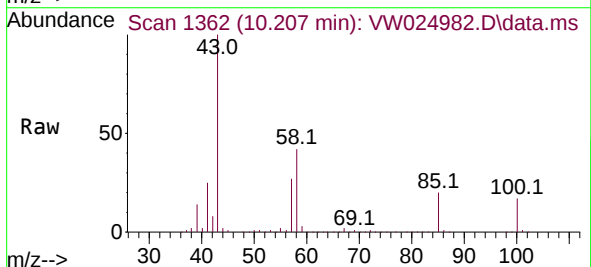
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100465

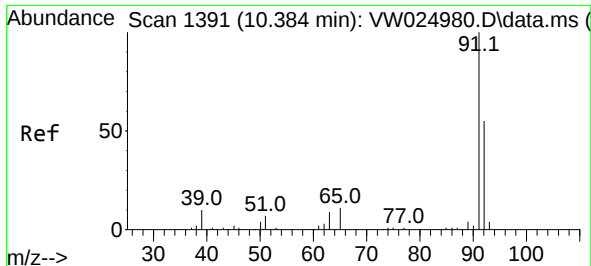
Tgt Ion: 75 Resp: 713785
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 182.747 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024982.D
 Acq: 26 Oct 2022 12:05

Tgt Ion: 43 Resp: 500025
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.6 48.8
 100 17.4 14.0 21.0





#42

Toluene

Concen: 89.650 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

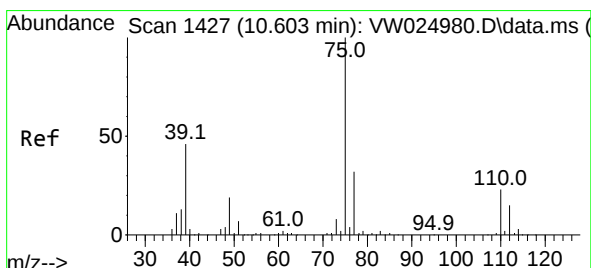
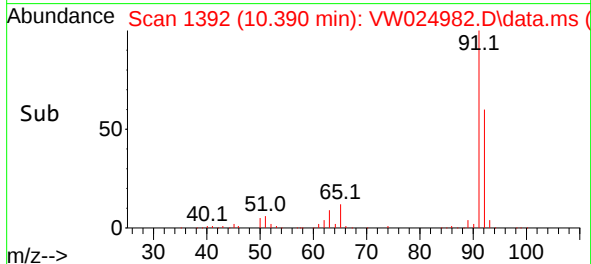
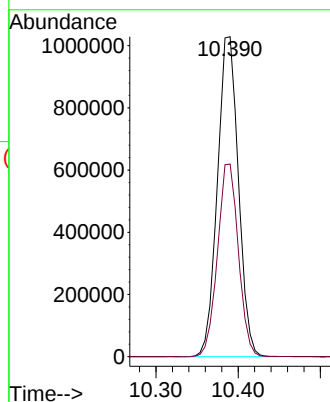
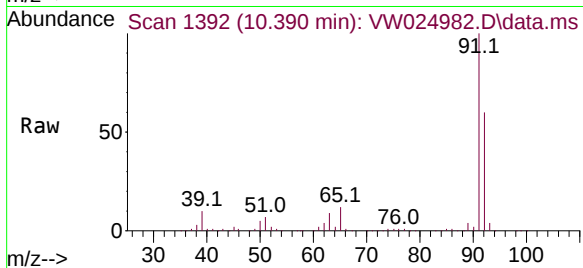
VSTD100465

Tgt Ion: 91 Resp: 1828420

Ion Ratio Lower Upper

91 100

92 60.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 97.180 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024982.D

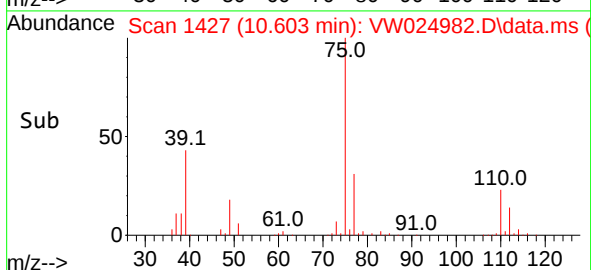
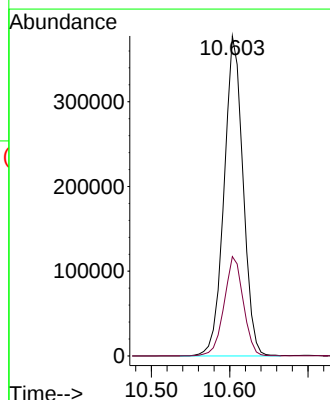
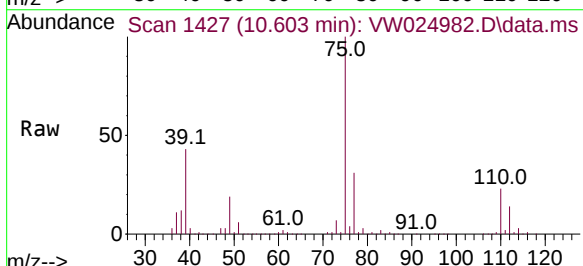
Acq: 26 Oct 2022 12:05

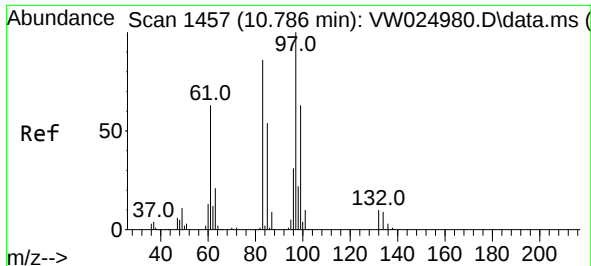
Tgt Ion: 75 Resp: 636821

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5

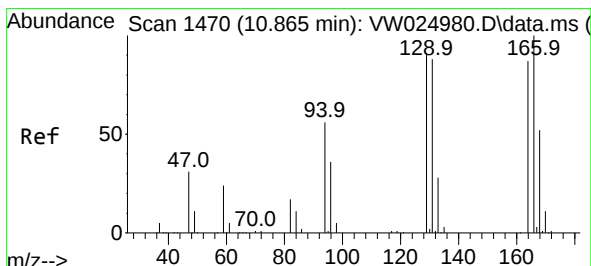
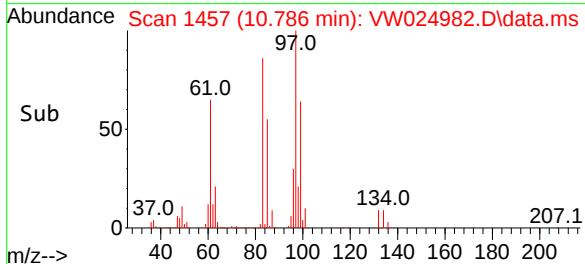
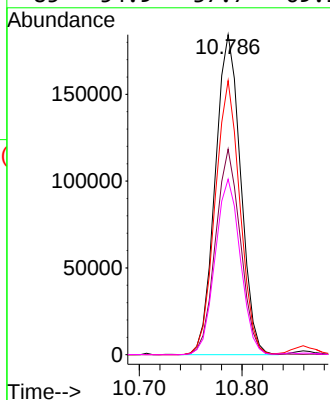
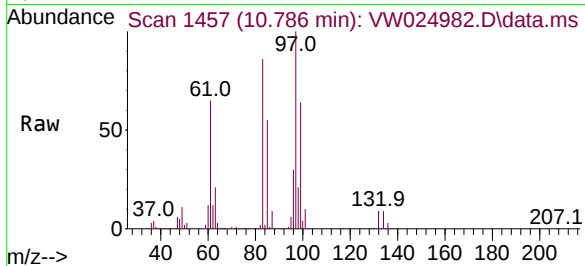




#45
1,1,2-Trichloroethane
Concen: 89.929 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

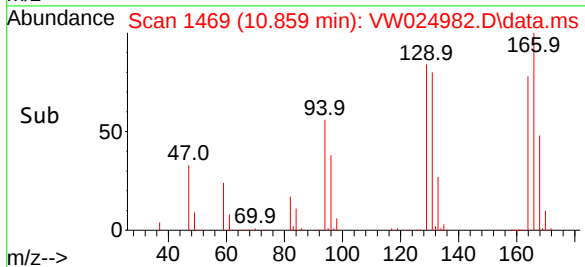
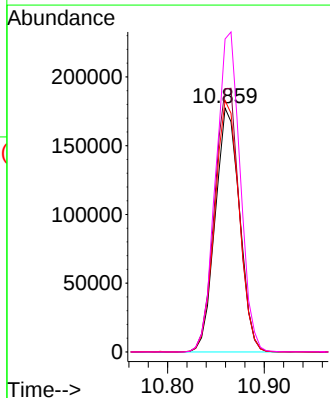
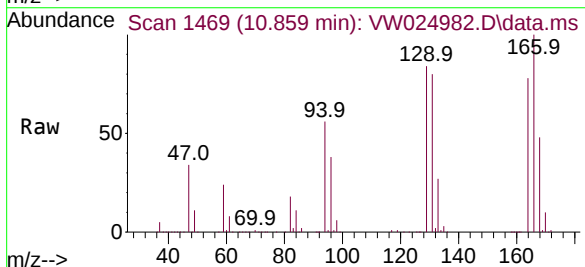
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

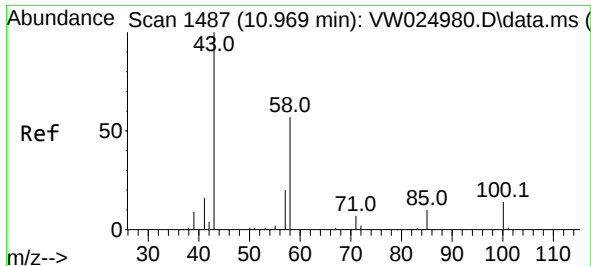
Tgt Ion:	97	Resp:	316591
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.0	81.6
83	85.6	59.9	111.3
85	54.9	37.7	69.9



#46
Tetrachloroethene
Concen: 85.325 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion:	164	Resp:	310320
Ion	Ratio	Lower	Upper
164	100		
129	107.9	72.9	135.5
131	103.1	70.1	130.3
166	128.4	80.2	148.9

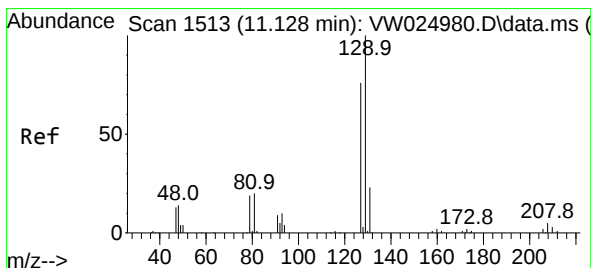
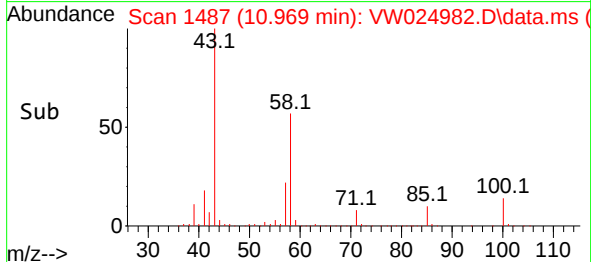
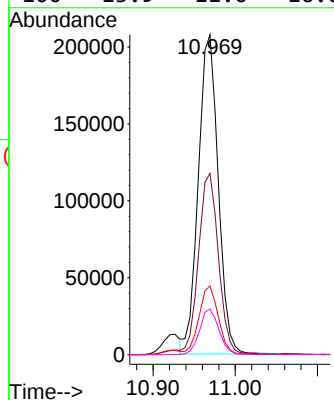
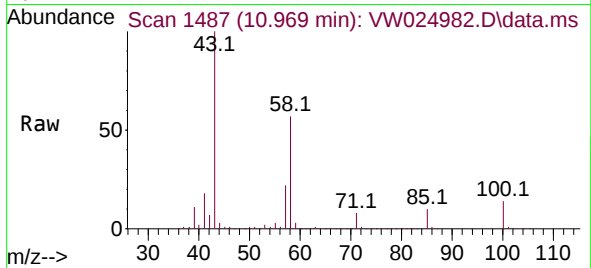




#48
2-Hexanone
Concen: 184.240 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

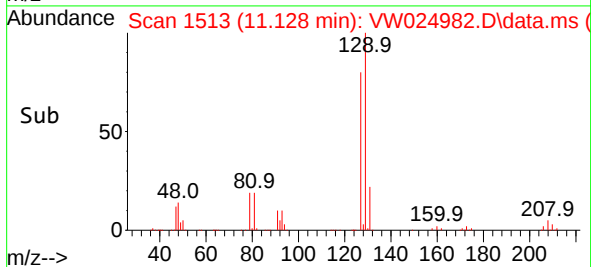
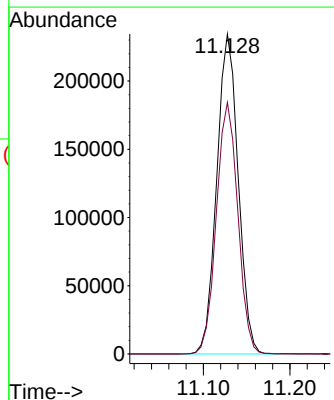
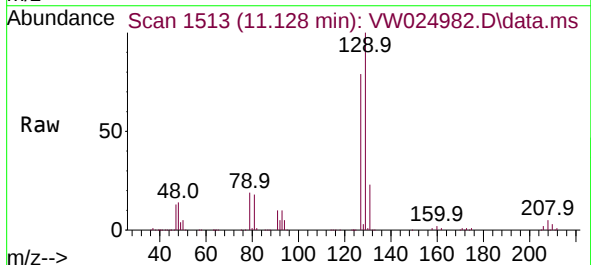
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

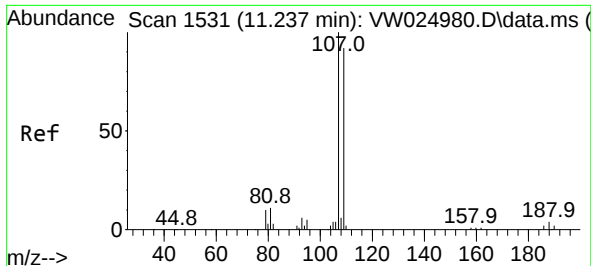
Tgt Ion:	43	Resp:	348633
Ion	Ratio	Lower	Upper
43	100		
58	55.8	46.1	69.1
57	21.2	16.2	24.2
100	13.9	11.0	16.6



#49
Dibromochloromethane
Concen: 94.019 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion:	129	Resp:	403465
Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.2	98.8





#50

1,2-Dibromoethane

Concen: 91.695 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

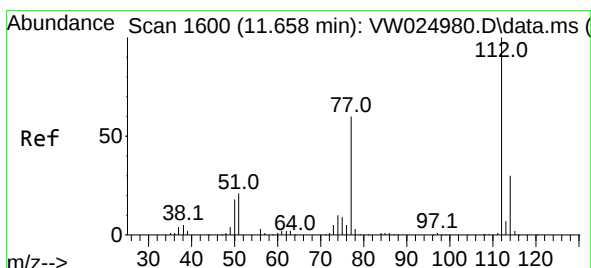
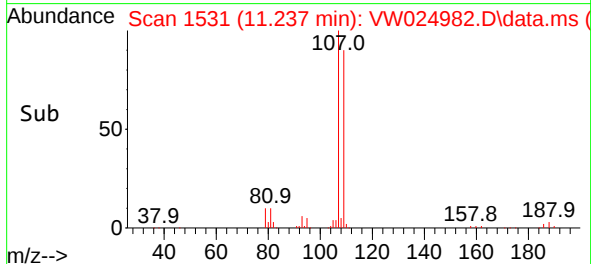
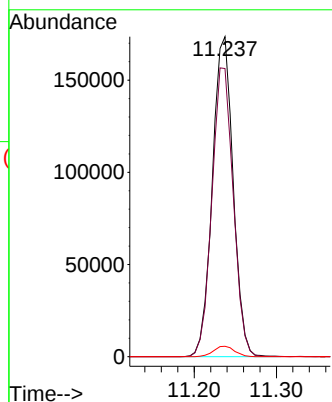
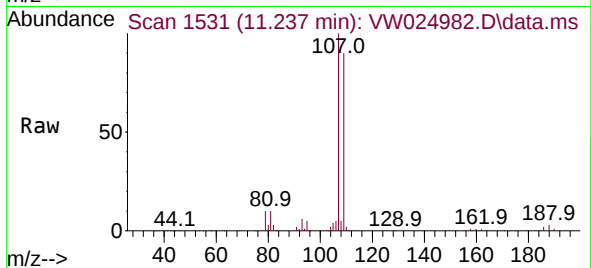
Tgt Ion:107 Resp: 305300

Ion Ratio Lower Upper

107 100

109 90.0 64.5 119.7

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 90.200 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

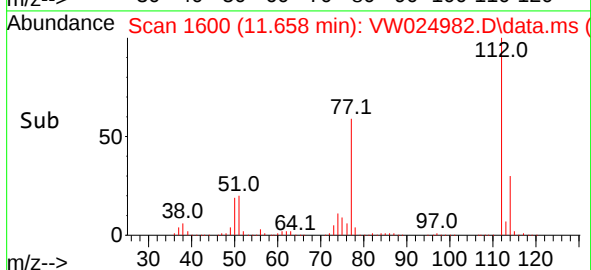
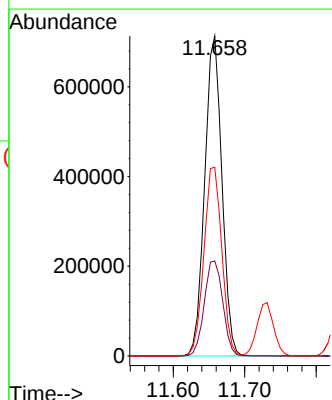
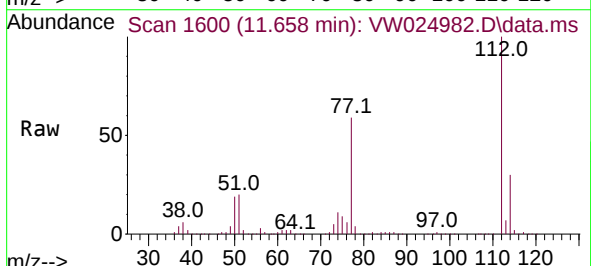
Tgt Ion:112 Resp: 1192450

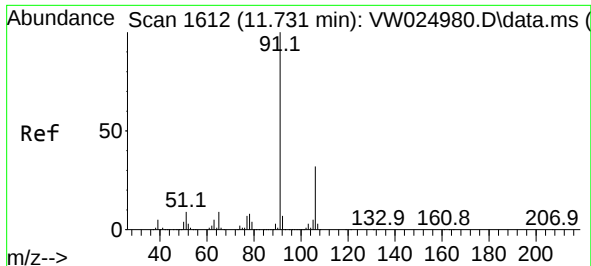
Ion Ratio Lower Upper

112 100

114 29.7 20.8 38.6

77 59.0 48.2 72.2

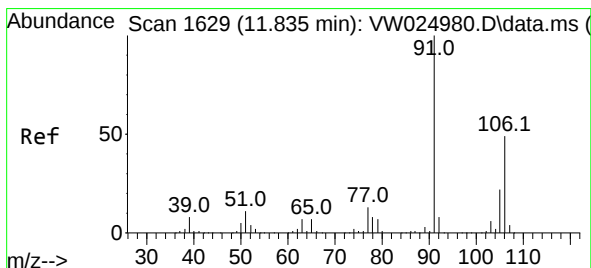
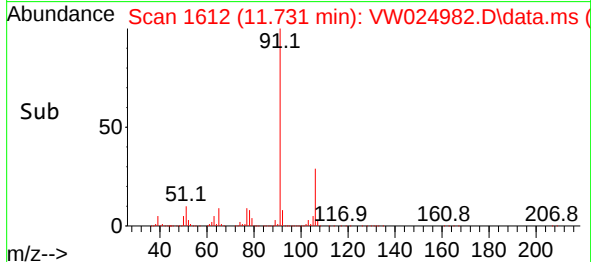
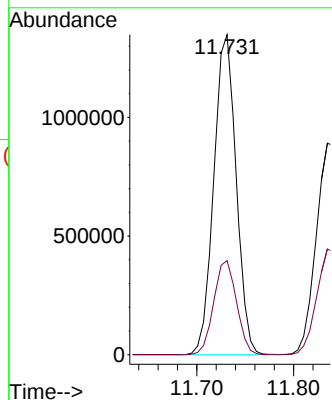
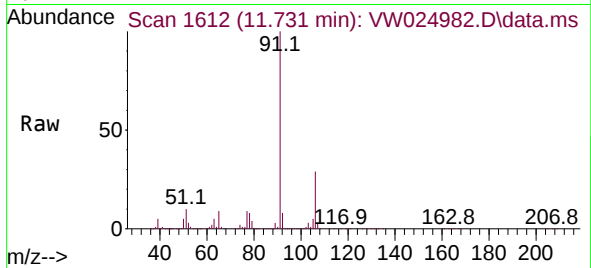




#52
Ethylbenzene
Concen: 91.977 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

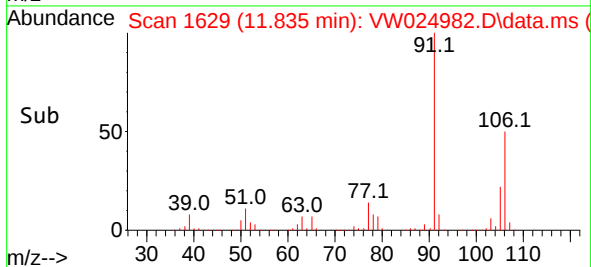
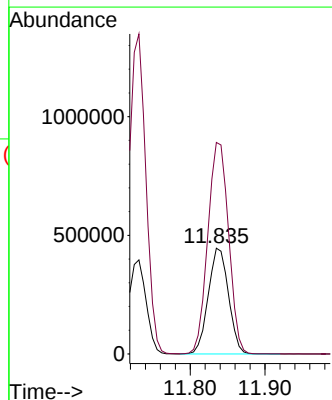
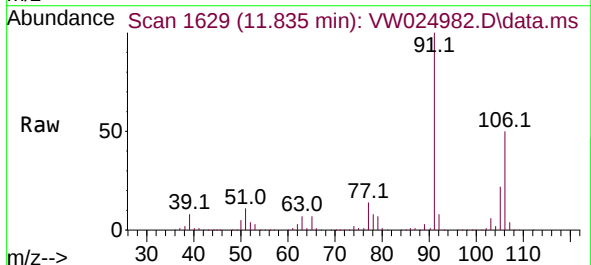
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

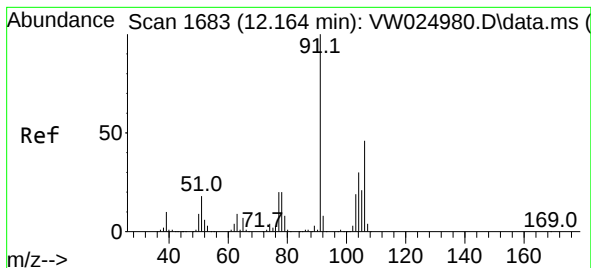
Tgt Ion: 91 Resp: 2165340
Ion Ratio Lower Upper
91 100
106 29.4 22.3 41.5



#53
m,p-Xylene
Concen: 91.788 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion:106 Resp: 836460
Ion Ratio Lower Upper
106 100
91 200.0 143.9 267.2





#54

o-Xylene

Concen: 92.505 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

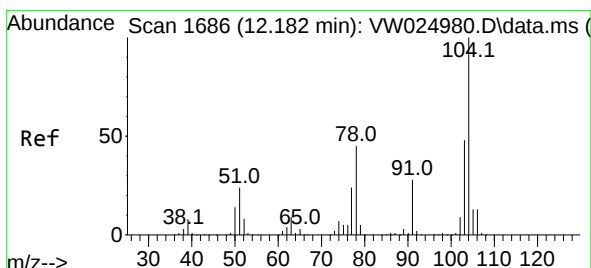
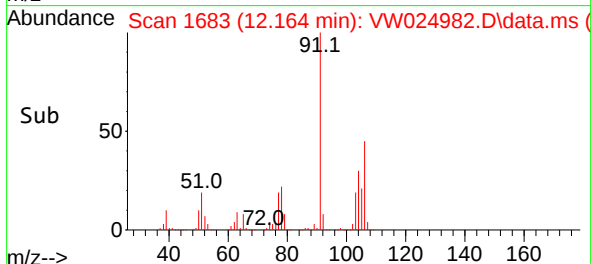
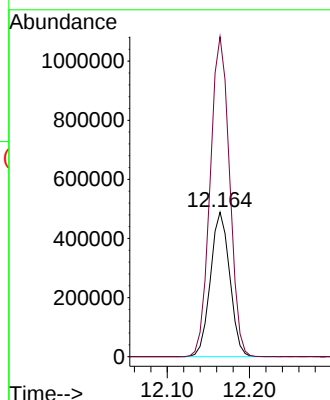
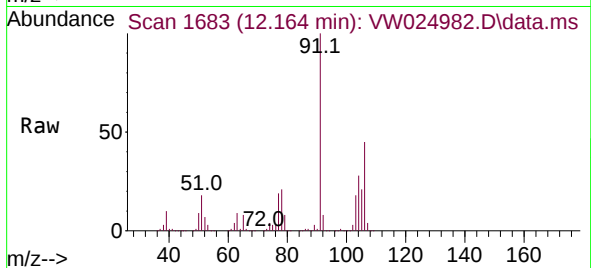
VSTD100465

Tgt Ion:106 Resp: 795289

Ion Ratio Lower Upper

106 100

91 221.4 153.5 285.1



#55

Styrene

Concen: 93.230 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW024982.D

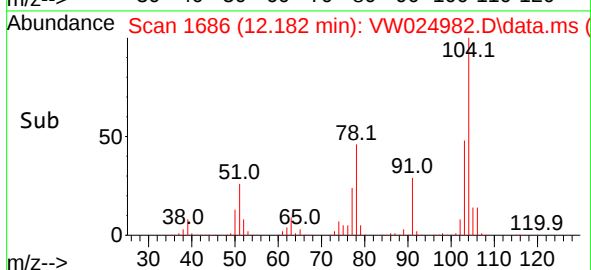
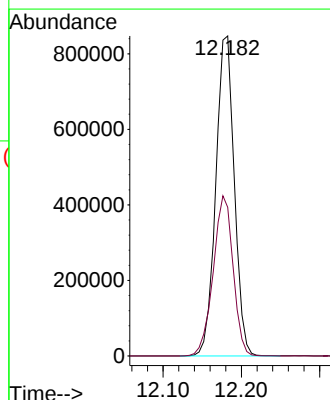
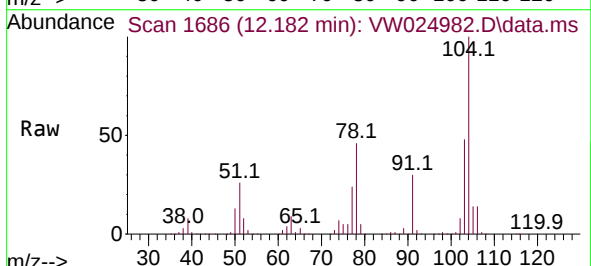
Acq: 26 Oct 2022 12:05

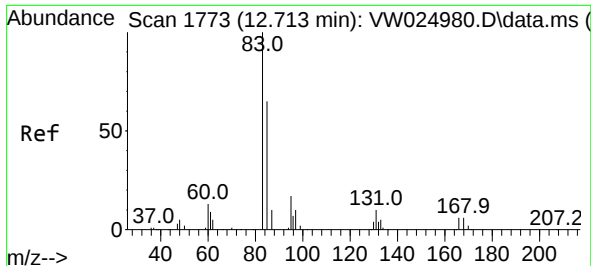
Tgt Ion:104 Resp: 1392127

Ion Ratio Lower Upper

104 100

78 46.4 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 90.691 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

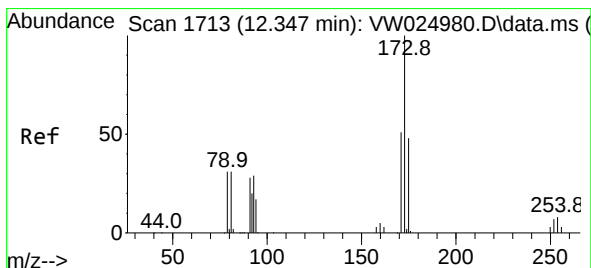
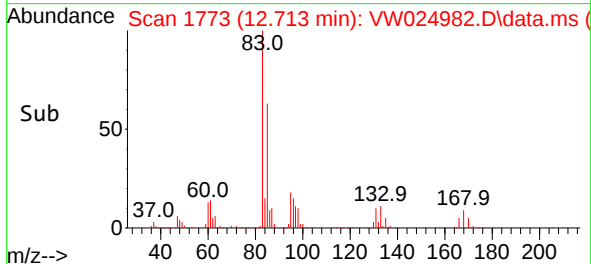
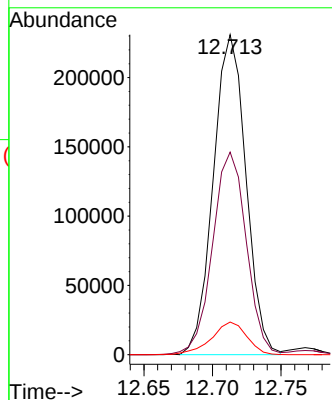
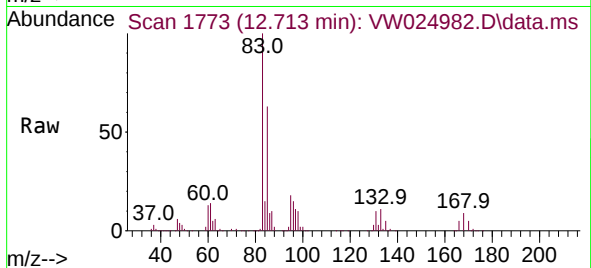
Tgt Ion: 83 Resp: 383012

Ion Ratio Lower Upper

83 100

85 63.3 46.4 86.2

131 10.2 8.2 12.4



#59

Bromoform

Concen: 89.293 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

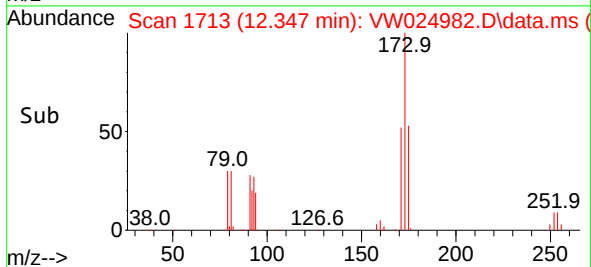
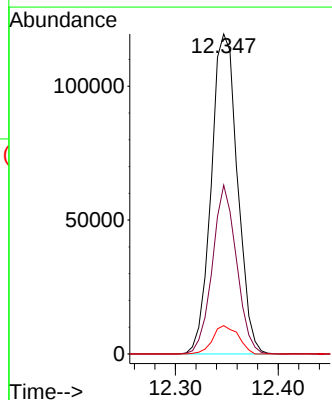
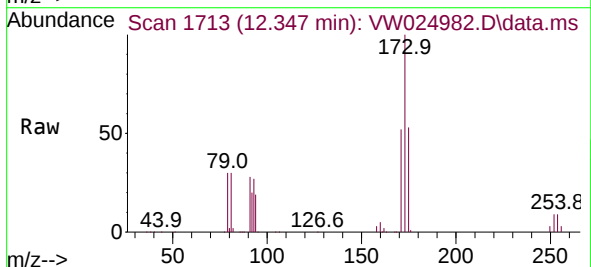
Tgt Ion:173 Resp: 211974

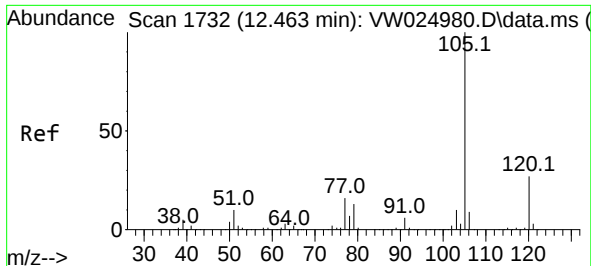
Ion Ratio Lower Upper

173 100

175 48.5 37.4 56.2

254 8.7 5.8 8.8

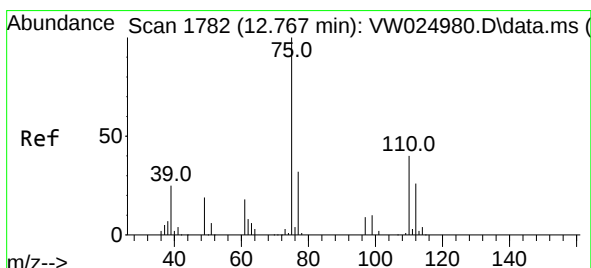
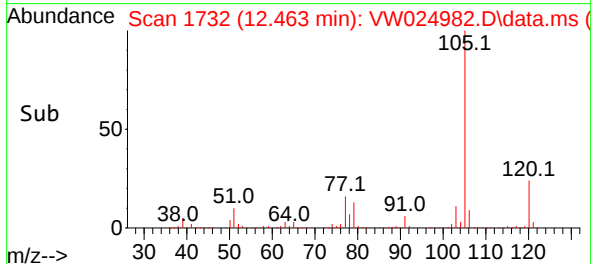
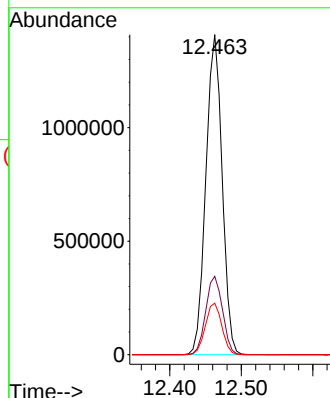
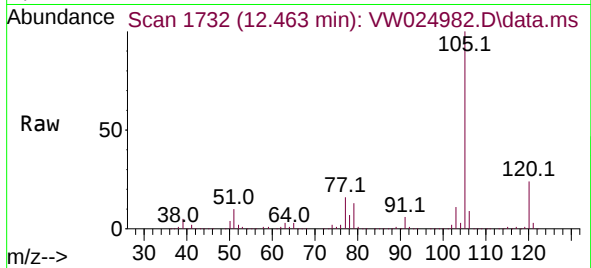




#60
Isopropylbenzene
Concen: 88.236 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

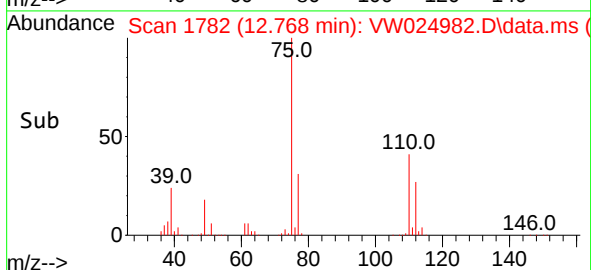
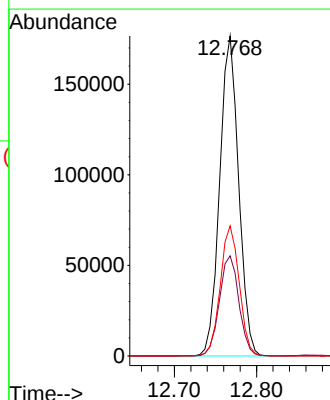
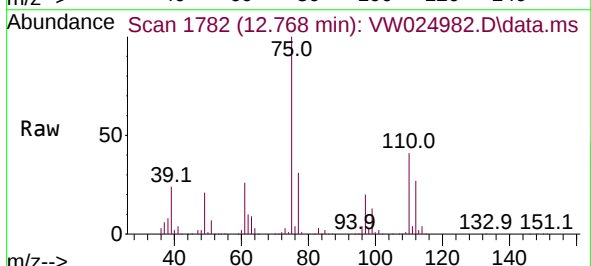
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

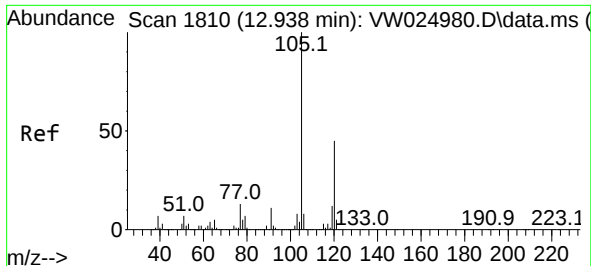
Tgt Ion:105 Resp: 2226546
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 83.961 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion: 75 Resp: 283117
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 40.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 88.366 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

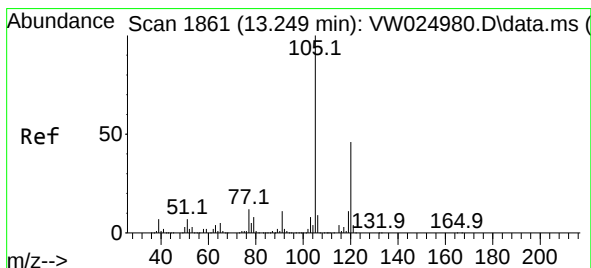
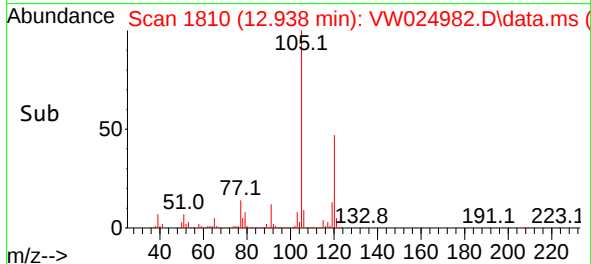
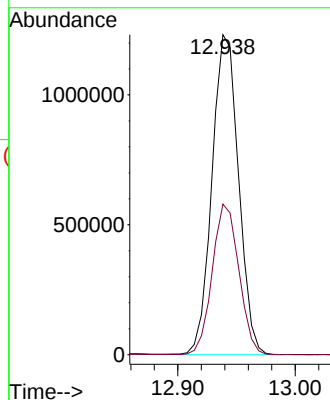
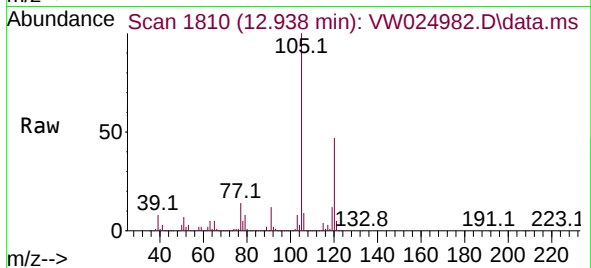
VSTD100465

Tgt Ion:105 Resp: 1935651

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 89.696 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024982.D

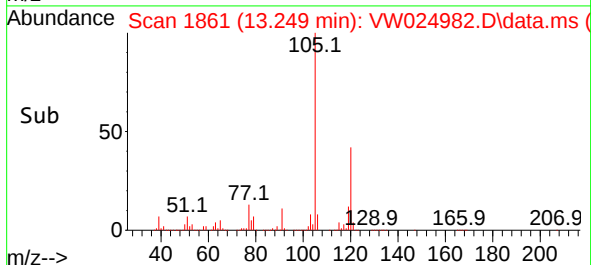
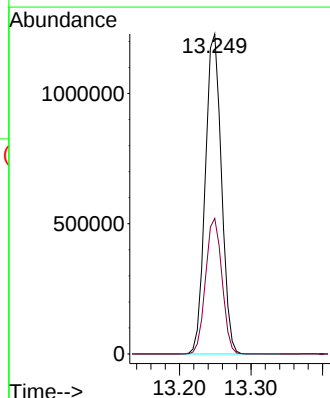
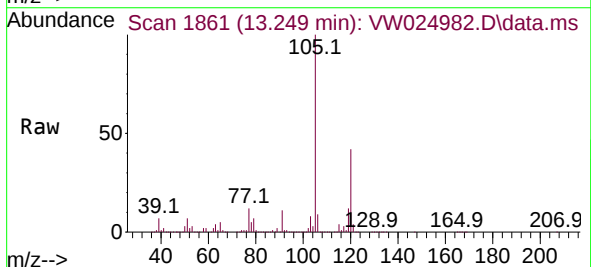
Acq: 26 Oct 2022 12:05

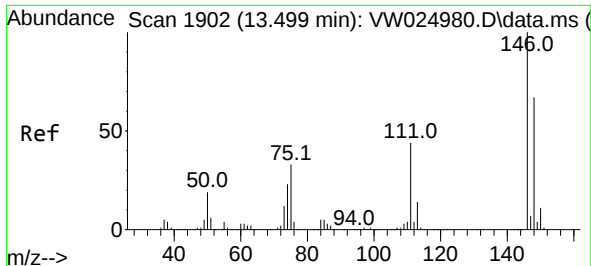
Tgt Ion:105 Resp: 1926659

Ion Ratio Lower Upper

105 100

120 43.0 35.7 53.5

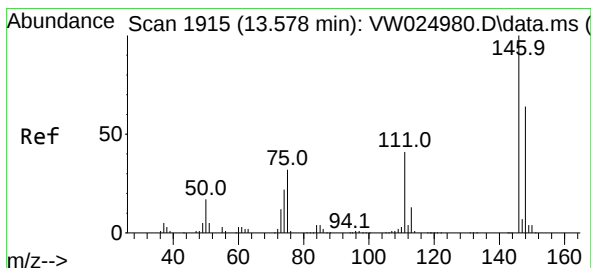
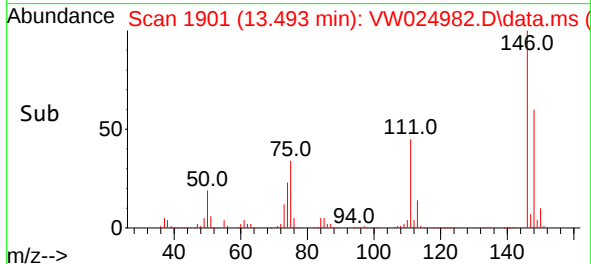
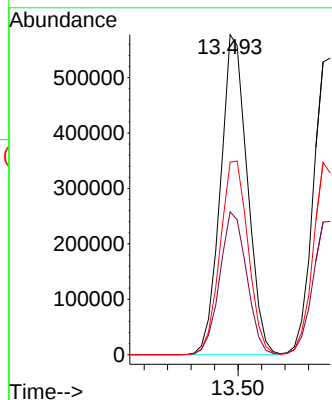
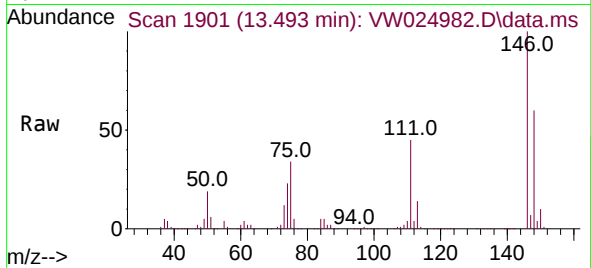




#64
1,3-Dichlorobenzene
Concen: 87.107 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

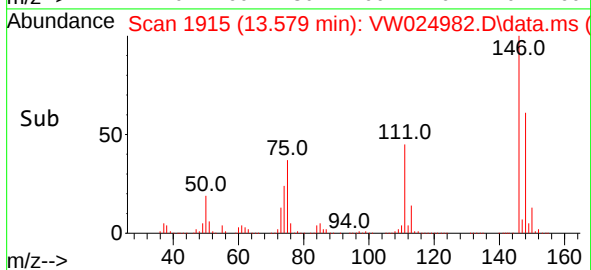
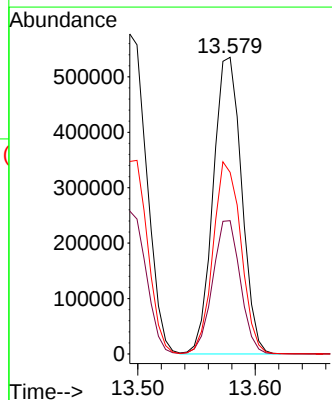
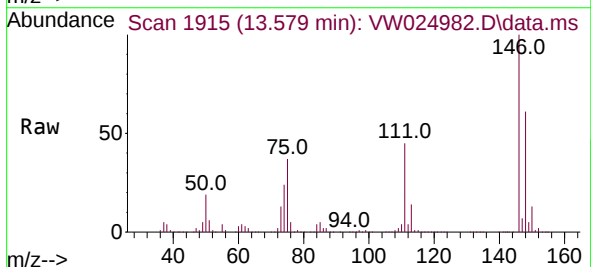
Instrument :
MSVOA_W
ClientSampleId :
VSTD100465

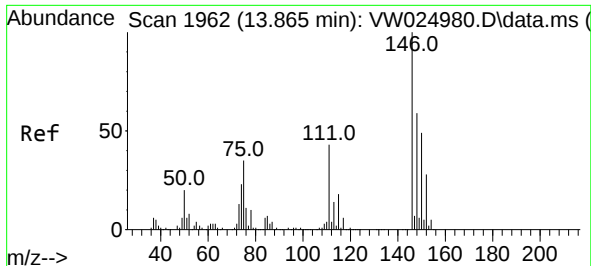
Tgt Ion:146 Resp: 916748
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.7
148 60.2 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 85.917 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024982.D
Acq: 26 Oct 2022 12:05

Tgt Ion:146 Resp: 902257
Ion Ratio Lower Upper
146 100
111 44.9 28.8 53.6
148 61.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 83.233 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

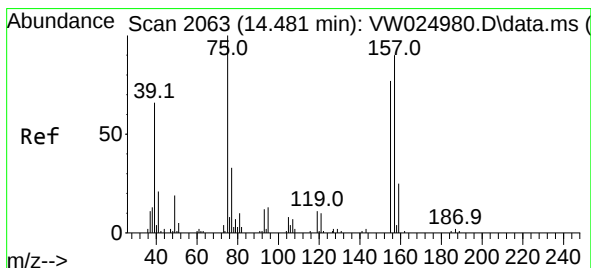
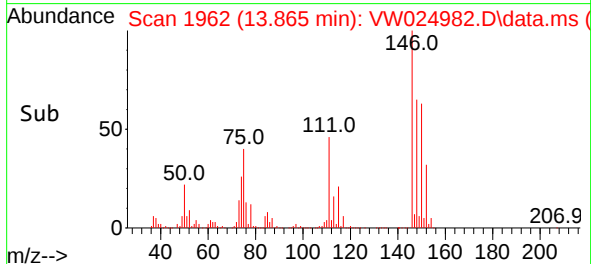
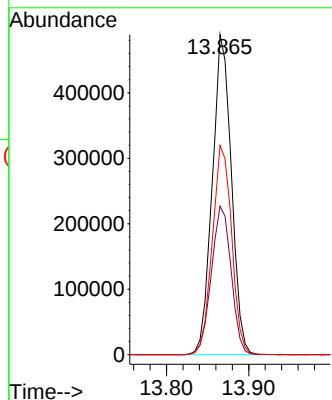
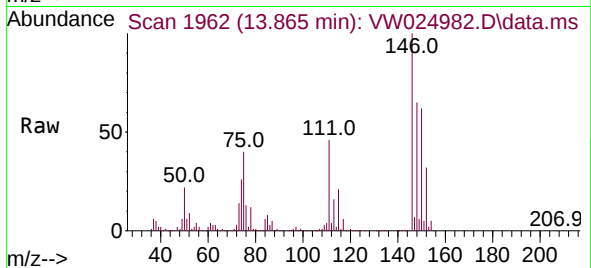
Tgt Ion:146 Resp: 787623

Ion Ratio Lower Upper

146 100

111 46.4 34.2 51.4

148 65.4 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 90.075 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

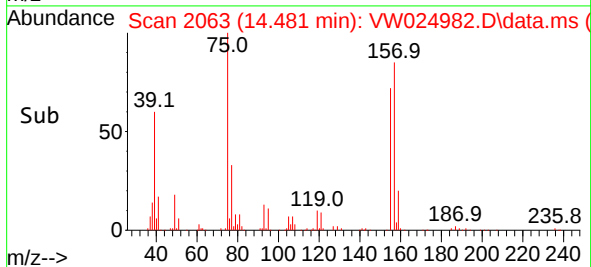
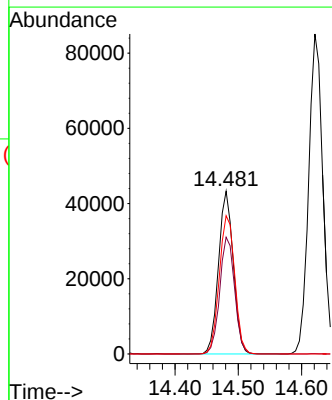
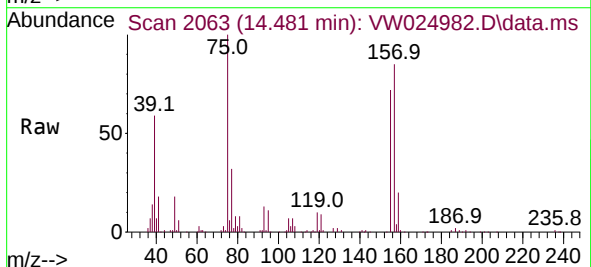
Tgt Ion: 75 Resp: 70191

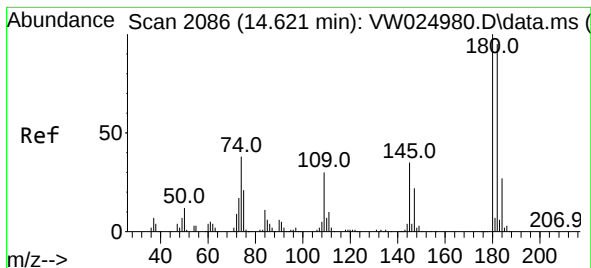
Ion Ratio Lower Upper

75 100

155 71.8 61.2 91.8

157 85.0 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 85.949 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

Tgt Ion:180 Resp: 599129

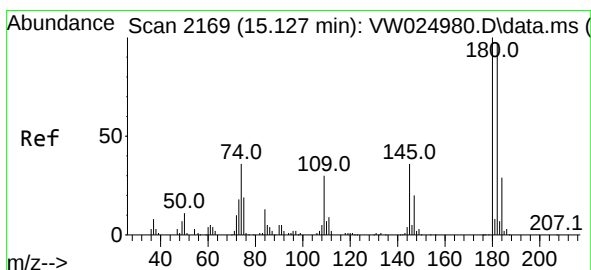
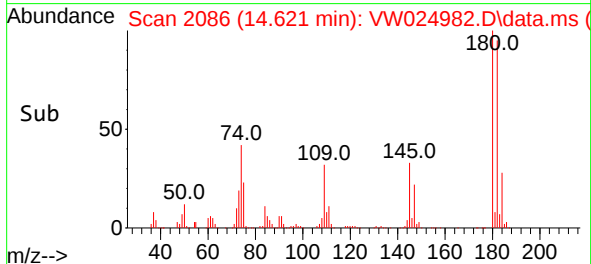
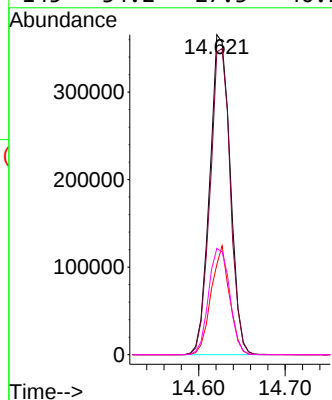
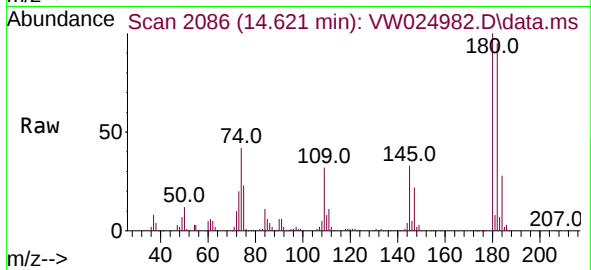
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

184 30.6 23.4 35.2

145 34.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 92.489 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

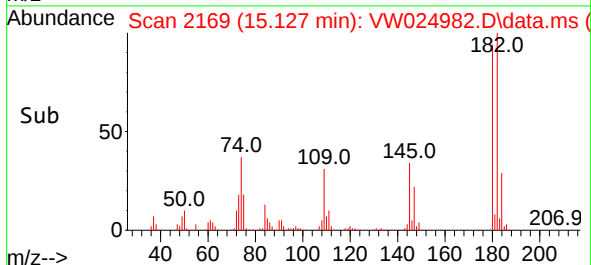
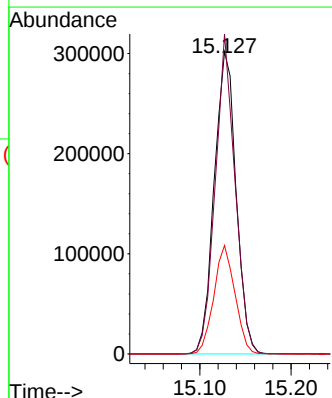
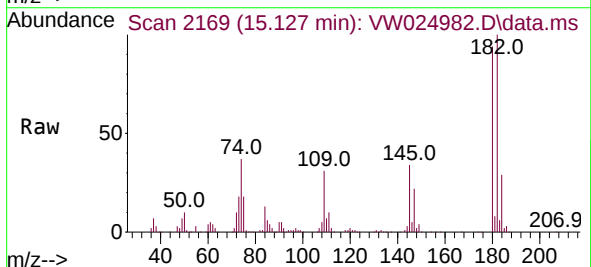
Tgt Ion:180 Resp: 501110

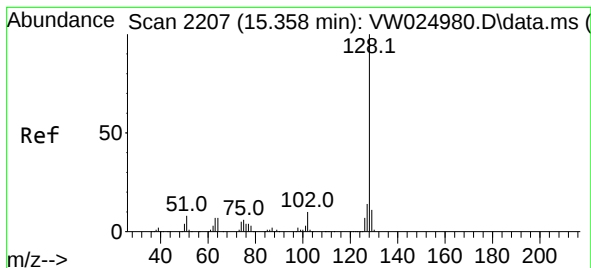
Ion Ratio Lower Upper

180 100

182 95.6 74.9 112.3

145 34.8 27.0 40.4





#71

Naphthalene

Concen: 98.721 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD100465

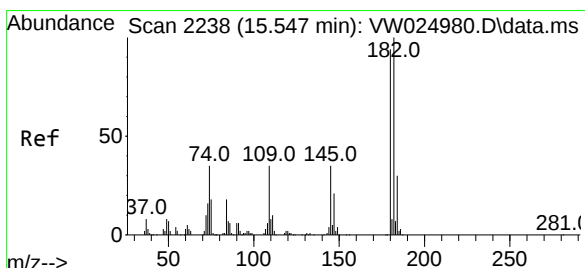
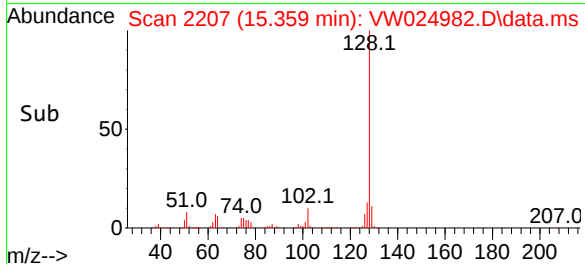
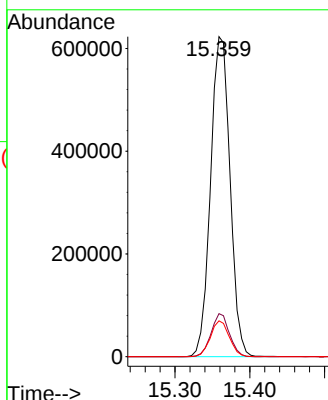
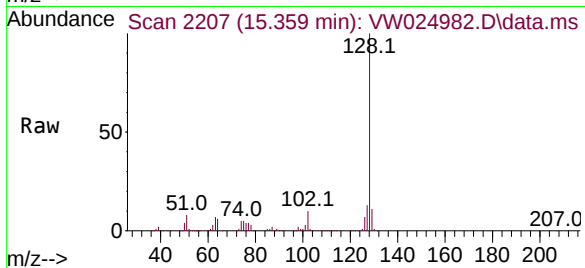
Tgt Ion:128 Resp: 1128326

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 93.438 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024982.D

Acq: 26 Oct 2022 12:05

Tgt Ion:180 Resp: 441106

Ion Ratio Lower Upper

180 100

182 91.8 74.1 111.1

145 36.2 28.2 42.2

