

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024936.D
 Acq On : 19 Oct 2022 13:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: Oct 20 01:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 15 00:14:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	435528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	397617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111715	21.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	2.885	69	68978	22.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.720%
11) 1,1-Dichloroethene-d2	4.031	63	272696	24.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.640%
21) 2-Butanone-d5	7.080	46	74312	45.645	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.280%
24) Chloroform-d	7.647	84	294972	24.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	8.305	65	147038	22.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.480%
32) Benzene-d6	8.275	84	583483	23.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	9.274	67	178413	23.330	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.323	98	529030	23.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.579	79	72279	24.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.680%
47) 2-Hexanone-d5	10.920	63	57445	44.803	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	135420	22.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	165715	22.780	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	51125	26.237	ug/L	90
3) Chloromethane	2.221	50	115629	25.479	ug/L	100
5) Vinyl chloride	2.361	62	176261	28.468	ug/L	100
6) Bromomethane	2.782	94	81774	27.192	ug/L	92
8) Chloroethane	2.922	64	70226	27.221	ug/L	100
9) Trichlorofluoromethane	3.263	101	98696	32.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	173045	27.750	ug/L	98
12) 1,1-Dichloroethene	4.044	96	167003	28.303	ug/L	85
13) Acetone	4.123	43	74420	65.324	ug/L	97
14) Carbon disulfide	4.385	76	531733	27.589	ug/L	100
15) Methyl Acetate	4.672	43	68839	24.828	ug/L	97
16) Methylene chloride	4.922	84	181425	23.593	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	176615	27.498	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	251661	26.367	ug/L	99
19) 1,1-Dichloroethane	6.220	63	325308	27.377	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	185254	26.688	ug/L	93
22) 2-Butanone	7.171	43	98136	51.636	ug/L	100
23) Bromochloromethane	7.519	128	76581	26.972	ug/L	97
25) Chloroform	7.677	83	319205	27.368	ug/L	96

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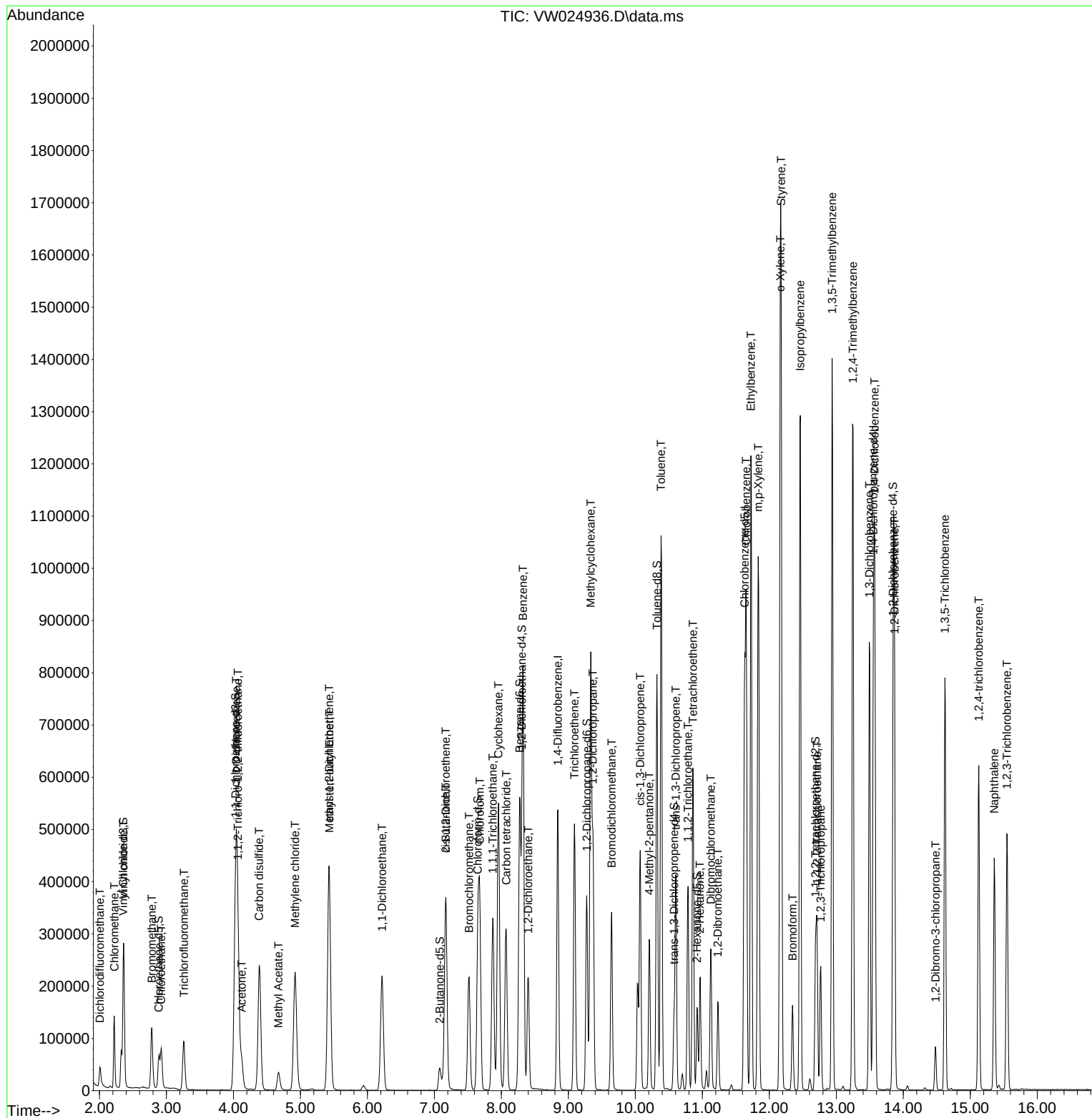
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27) 1,2-Dichloroethane	8.403	62	198224	26.282	ug/L	100
29) Cyclohexane	7.958	56	323516	28.016	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	262923	28.753	ug/L	99
31) Carbon tetrachloride	8.073	117	235890	29.380	ug/L	97
33) Benzene	8.323	78	730034	26.987	ug/L	100
34) Trichloroethene	9.092	95	186107	27.319	ug/L	98
35) Methylcyclohexane	9.335	83	346642	28.273	ug/L	99
37) 1,2-Dichloropropane	9.366	63	181299	26.893	ug/L	100
38) Bromodichloromethane	9.646	83	227265	27.284	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	273789	28.097	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	189821	47.640	ug/L	100
42) Toluene	10.384	91	773233	27.880	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	224874	27.796	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	123327	26.190	ug/L	98
46) Tetrachloroethene	10.859	164	131682	28.428	ug/L	93
48) 2-Hexanone	10.963	43	139843	51.763	ug/L	96
49) Dibromochloromethane	11.128	129	145037	27.823	ug/L	98
50) 1,2-Dibromoethane	11.231	107	114544	25.822	ug/L	95
51) Chlorobenzene	11.652	112	475653	27.287	ug/L	98
52) Ethylbenzene	11.725	91	867637	27.937	ug/L	100
53) m,p-Xylene	11.835	106	330937	28.047	ug/L	99
54) o-Xylene	12.164	106	314739	28.014	ug/L	99
55) Styrene	12.176	104	531352	27.575	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	142841	24.863	ug/L	98
59) Bromoform	12.347	173	70219	26.362	ug/L #	99
60) Isopropylbenzene	12.463	105	847234	26.385	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104352	23.841	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	733611	26.610	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	724704	27.263	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	348789	26.671	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	339669	25.660	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	305192	26.256	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22383	23.526	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	225063	26.359	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	181338	26.176	ug/L	98
71) Naphthalene	15.359	128	368880	24.575	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	154229	26.083	ug/L	99

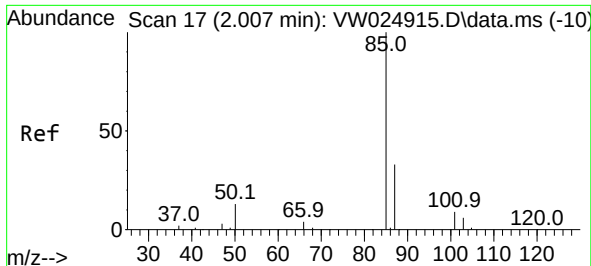
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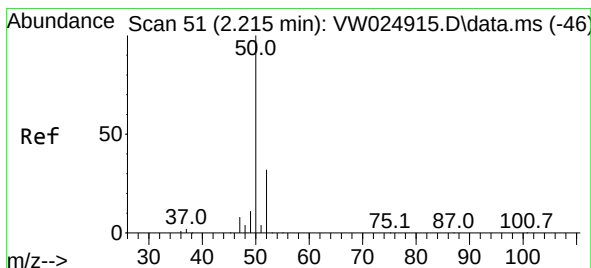
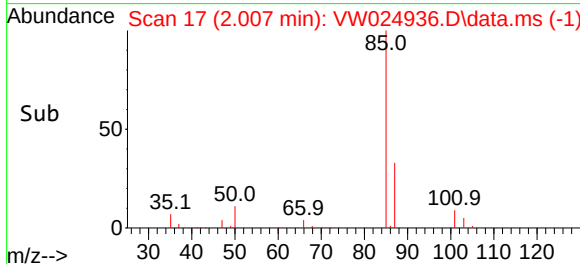
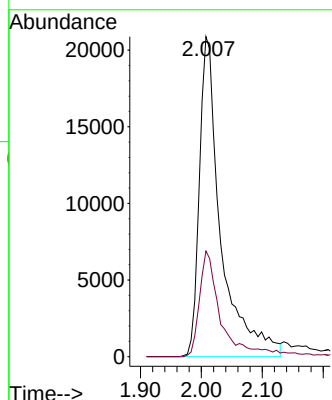
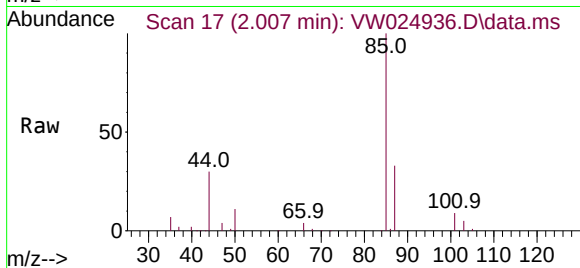




#2
 Dichlorodifluoromethane
 Concen: 26.237 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

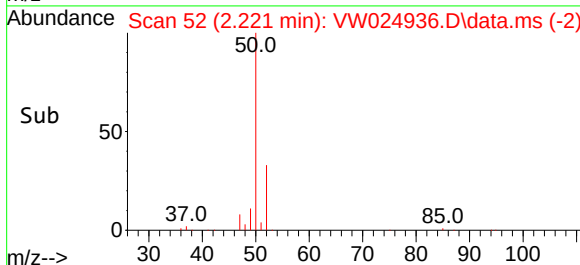
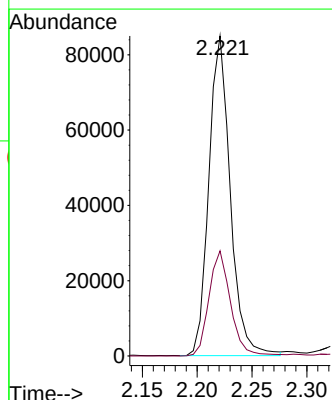
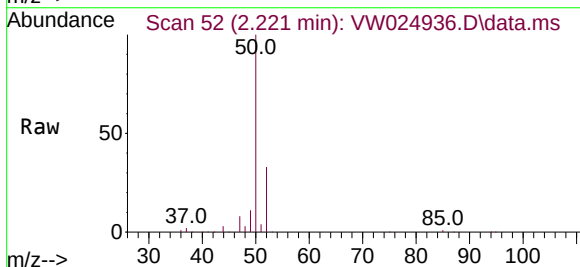
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

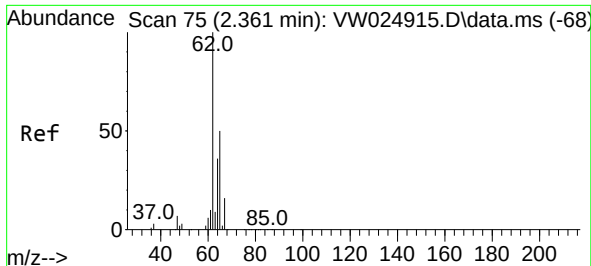
Tgt Ion: 85 Resp: 51125
 Ion Ratio Lower Upper
 85 100
 87 28.1 26.8 40.2



#3
 Chloromethane
 Concen: 25.479 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

Tgt Ion: 50 Resp: 115629
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

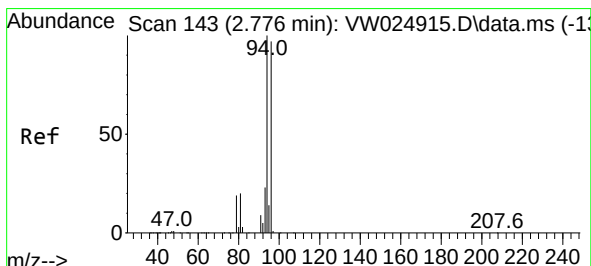
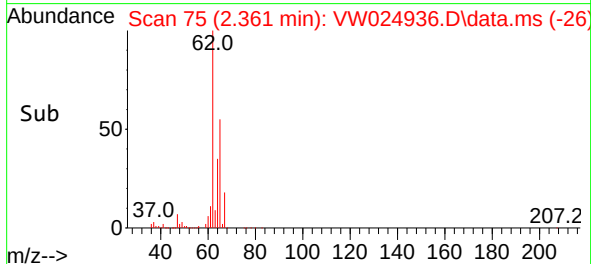
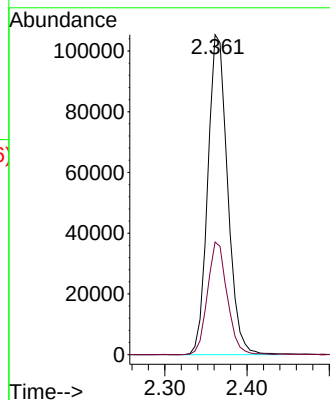
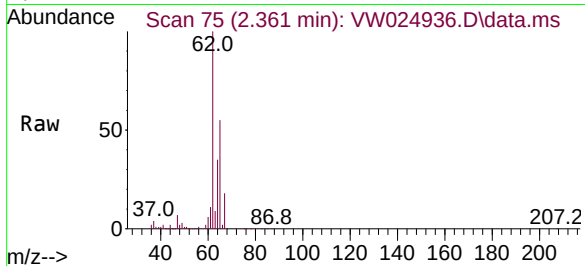




#5
 Vinyl chloride
 Concen: 28.468 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

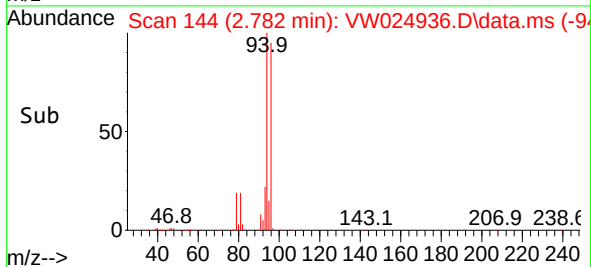
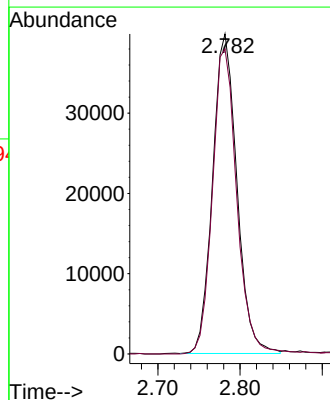
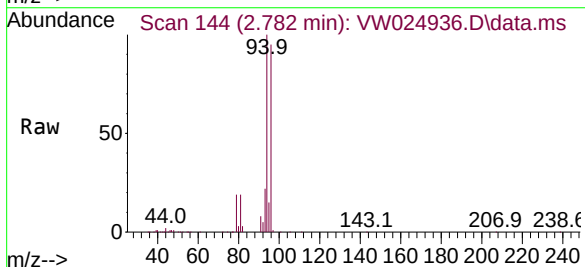
Instrument :
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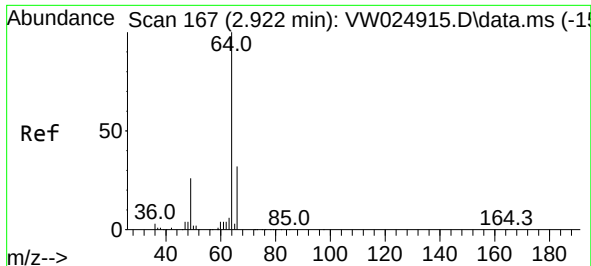
Tgt Ion: 62 Resp: 176261
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.7 45.9



#6
 Bromomethane
 Concen: 27.192 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

Tgt Ion: 94 Resp: 81774
 Ion Ratio Lower Upper
 94 100
 96 95.3 61.4 114.0

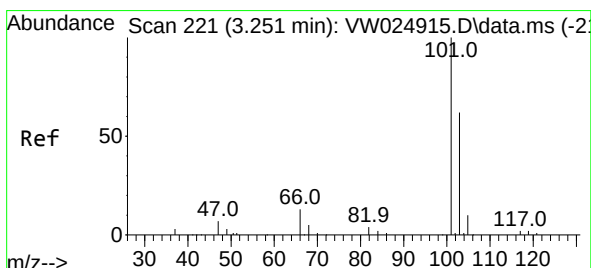
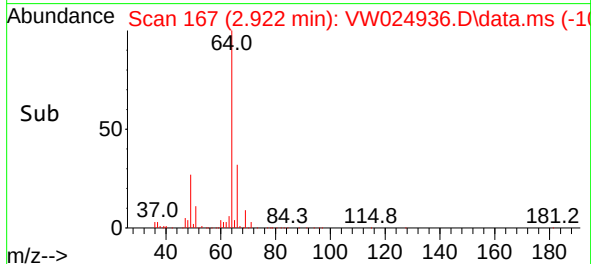
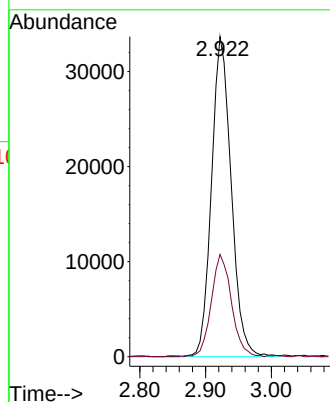
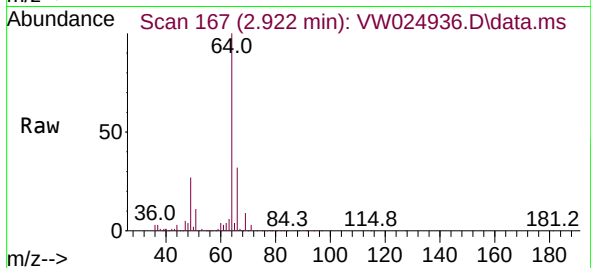




#8
Chloroethane
Concen: 27.221 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

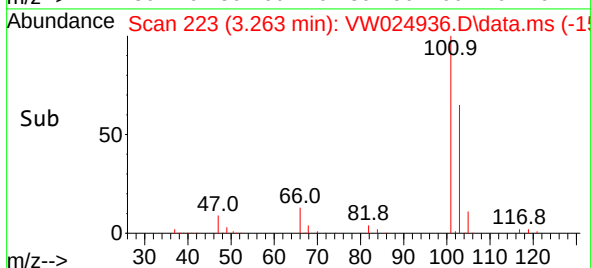
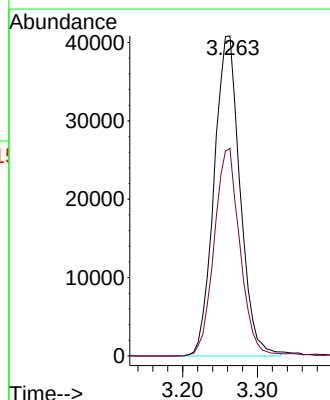
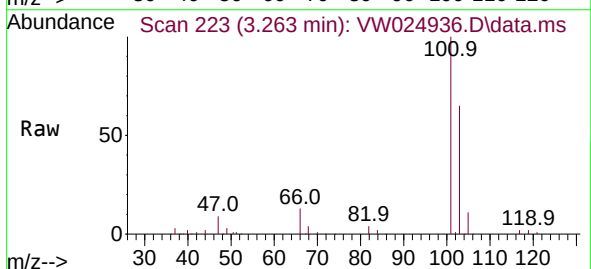
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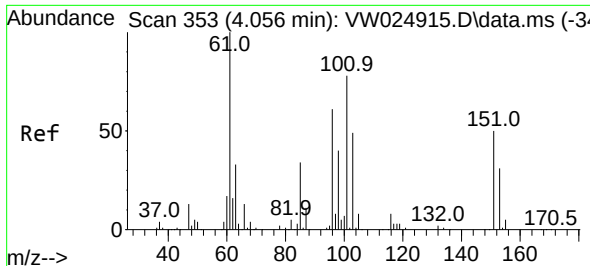
Tgt Ion: 64 Resp: 70226
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 32.225 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:101 Resp: 98696
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

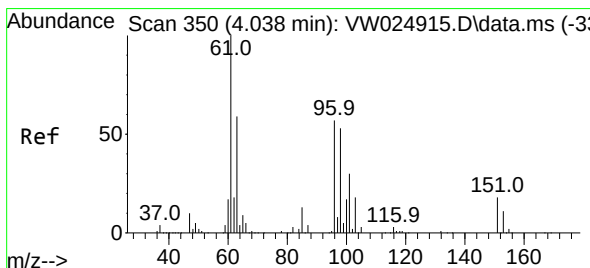
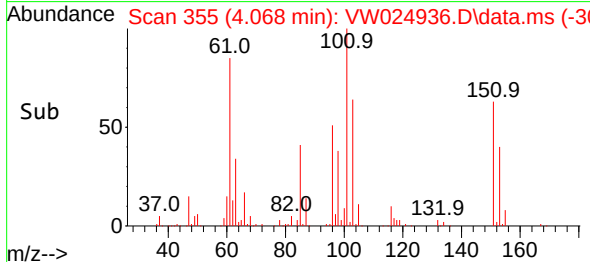
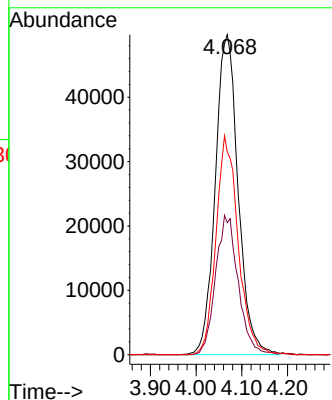
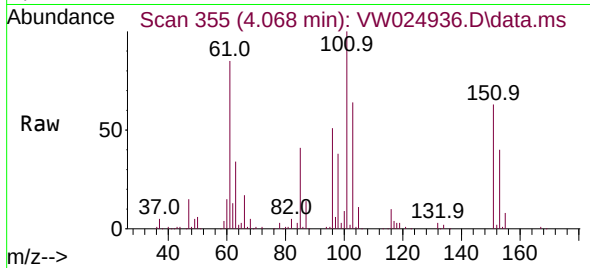




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.750 ug/L
 RT: 4.068 min Scan# 351
 Delta R.T. 0.012 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

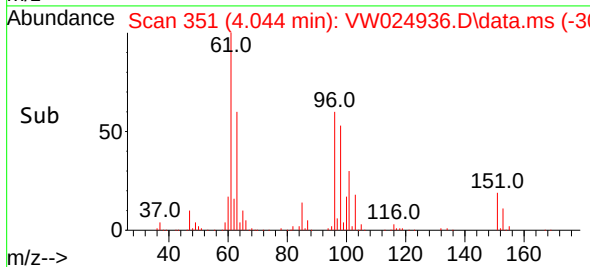
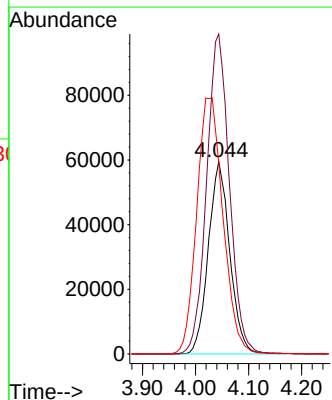
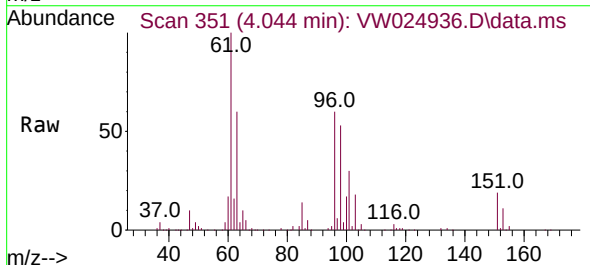
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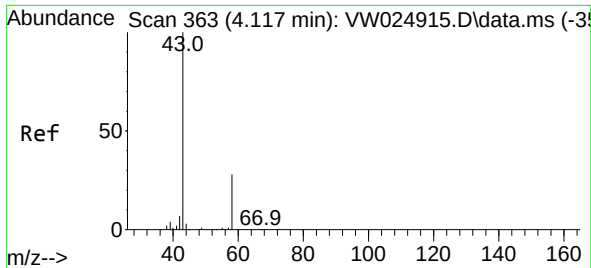
Tgt Ion:101 Resp: 173045
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.6 50.4
 151 66.3 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 28.303 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024936.D
 Acq: 19 Oct 2022 13:25

Tgt Ion: 96 Resp: 167003
 Ion Ratio Lower Upper
 96 100
 61 166.3 122.4 227.2
 63 99.4 92.1 171.1





#13

Acetone

Concen: 65.324 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

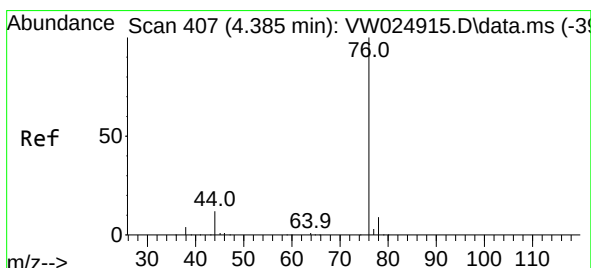
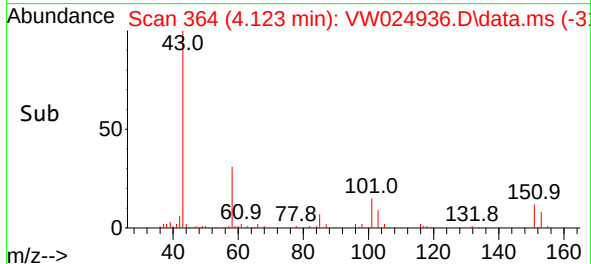
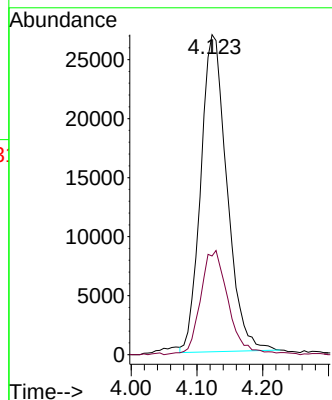
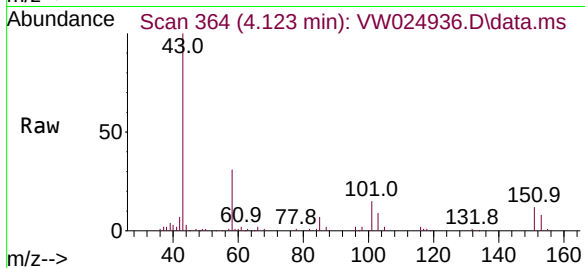
VSTD025591

Tgt Ion: 43 Resp: 74420

Ion Ratio Lower Upper

43 100

58 34.0 0.0 64.2



#14

Carbon disulfide

Concen: 27.589 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW024936.D

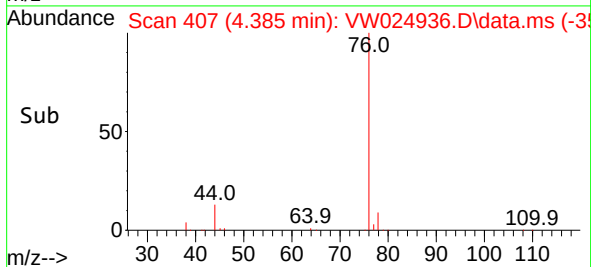
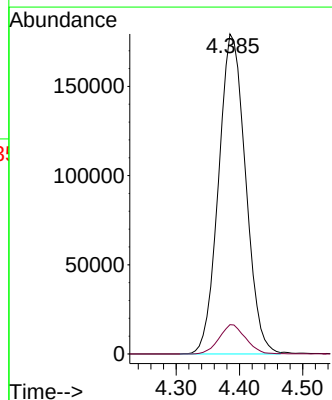
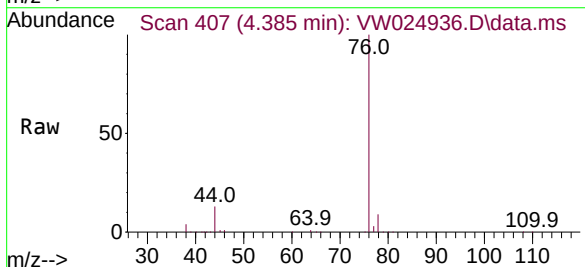
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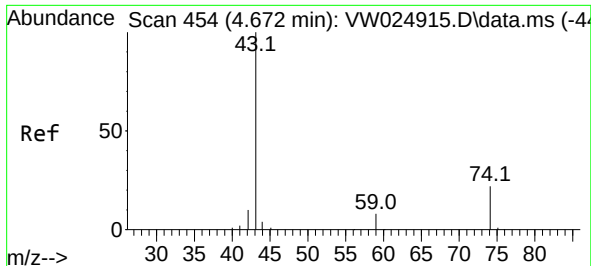
Tgt Ion: 76 Resp: 531733

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

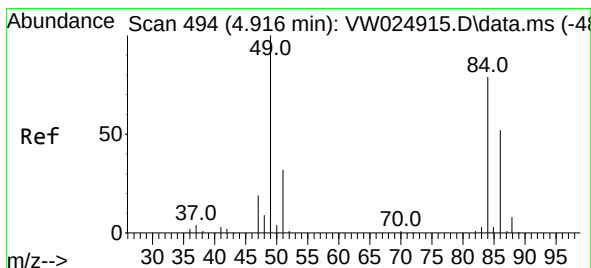
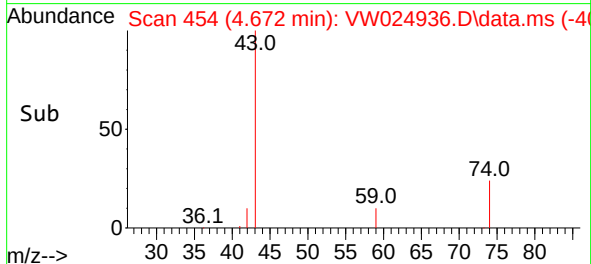
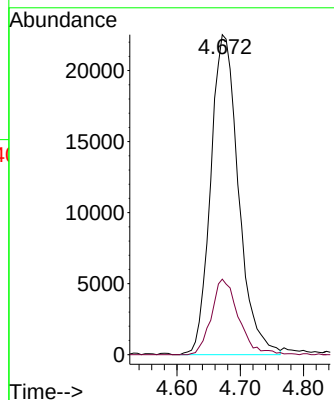
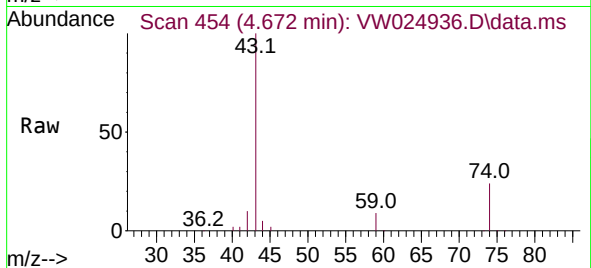




#15
Methyl Acetate
Concen: 24.828 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

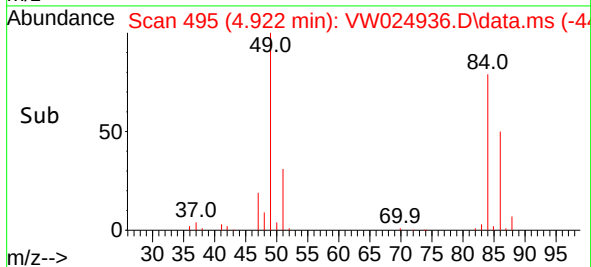
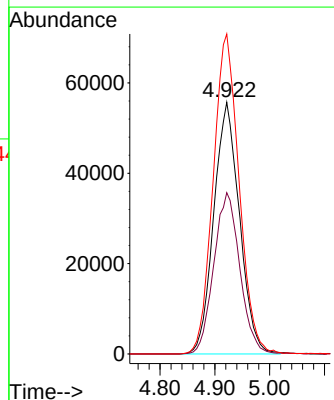
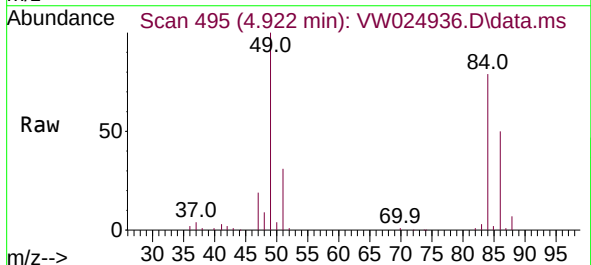
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

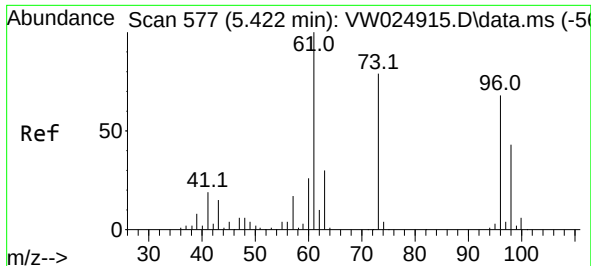
Tgt Ion: 43 Resp: 68839
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.6



#16
Methylene chloride
Concen: 23.593 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 84 Resp: 181425
Ion Ratio Lower Upper
84 100
86 64.1 45.5 84.5
49 127.2 90.9 168.9

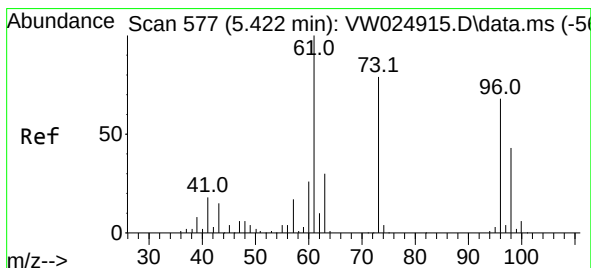
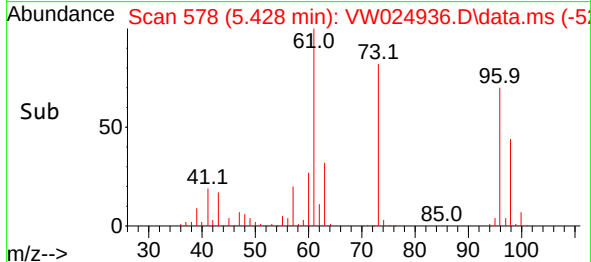
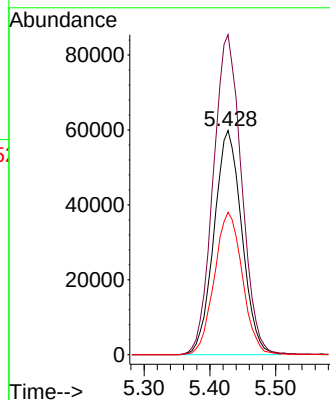
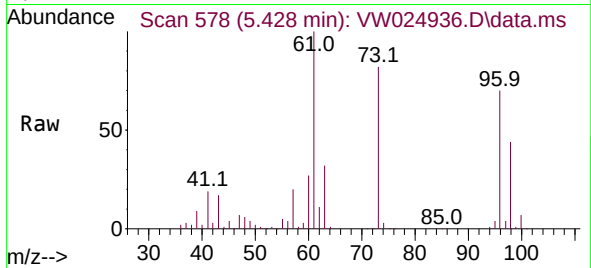




#17
trans-1,2-Dichloroethene
Concen: 27.498 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

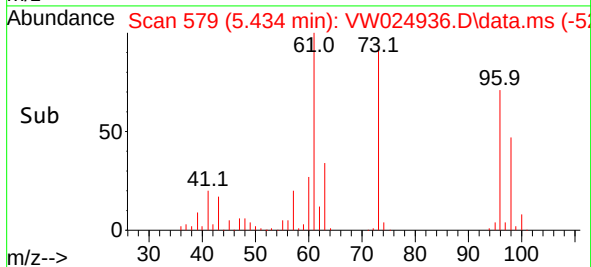
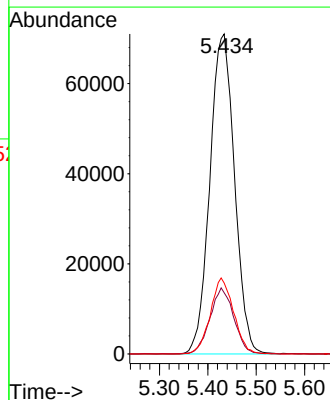
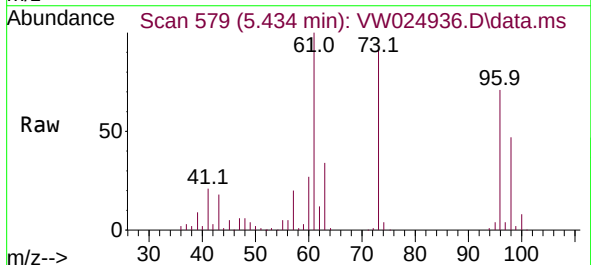
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

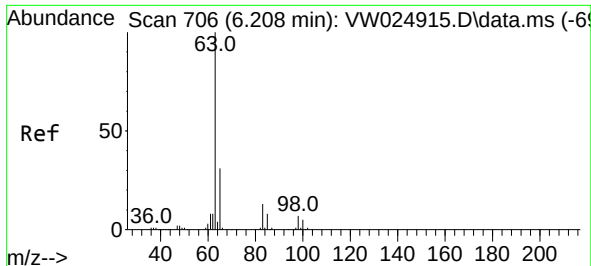
Tgt Ion: 96 Resp: 176615
Ion Ratio Lower Upper
96 100
61 142.8 102.2 189.8
98 63.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.367 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 73 Resp: 251661
Ion Ratio Lower Upper
73 100
43 19.8 15.8 23.6
57 22.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 27.377 ug/L

RT: 6.220 min Scan# 706

Delta R.T. 0.012 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

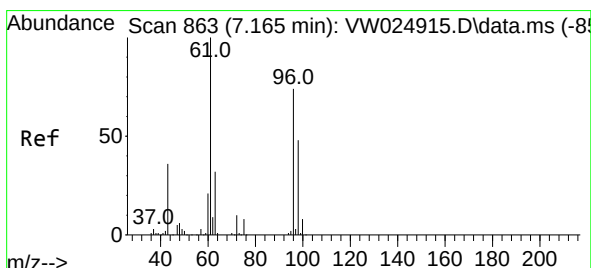
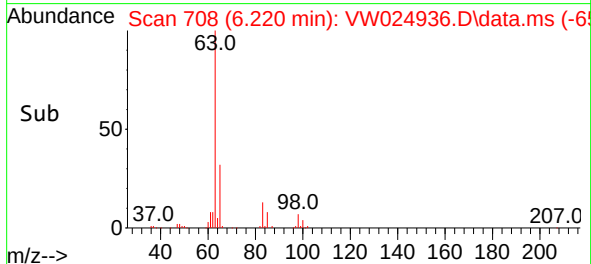
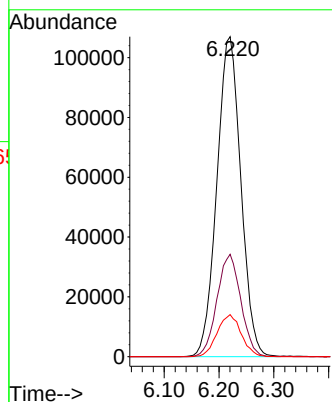
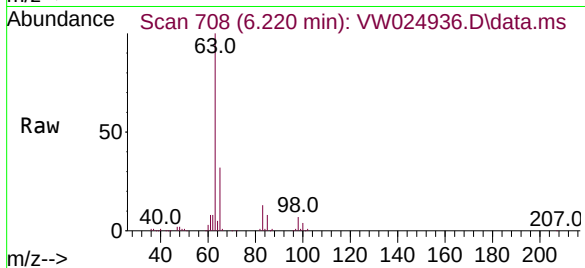
Tgt Ion: 63 Resp: 325308

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.688 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

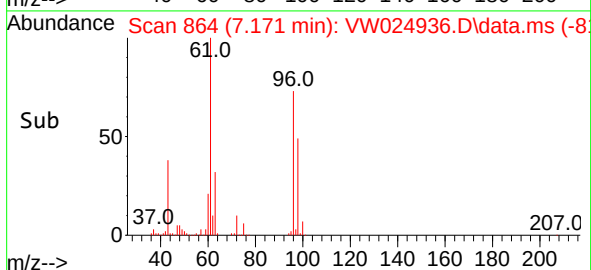
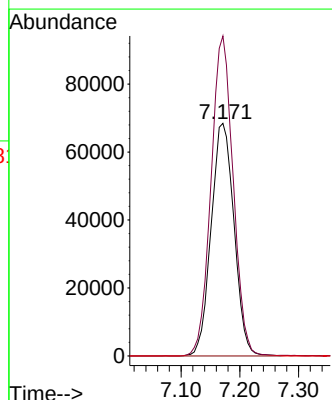
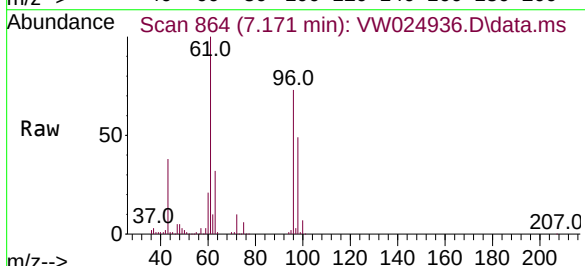
Tgt Ion: 96 Resp: 185254

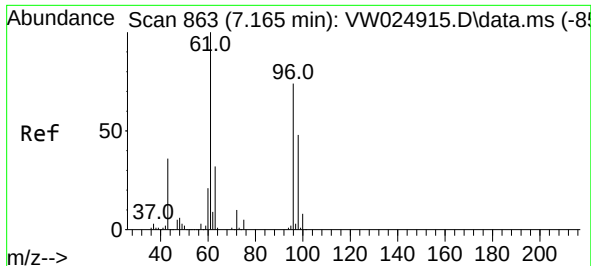
Ion Ratio Lower Upper

96 100

61 137.6 90.9 168.7

68 0.0 0.0 0.0

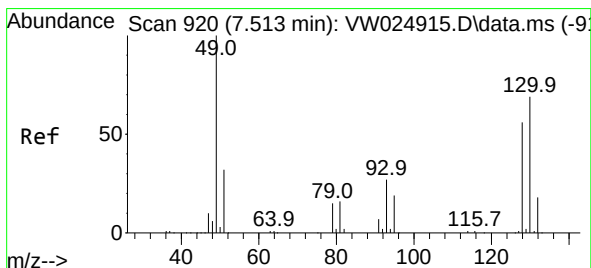
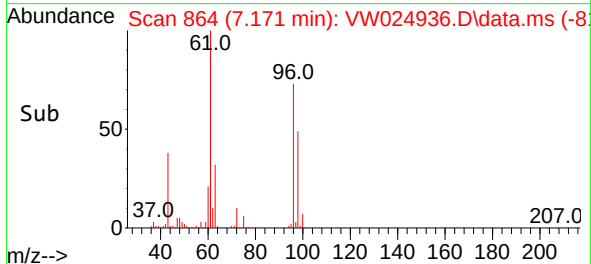
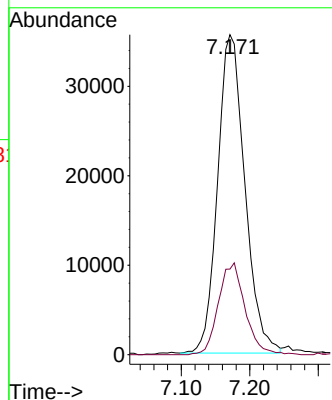
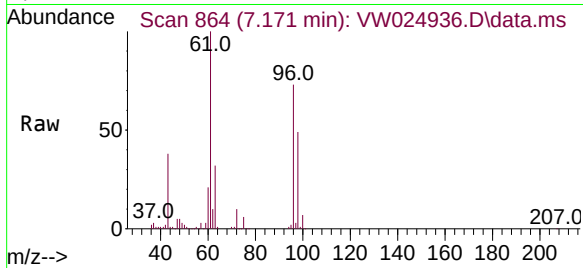




#22
2-Butanone
Concen: 51.636 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

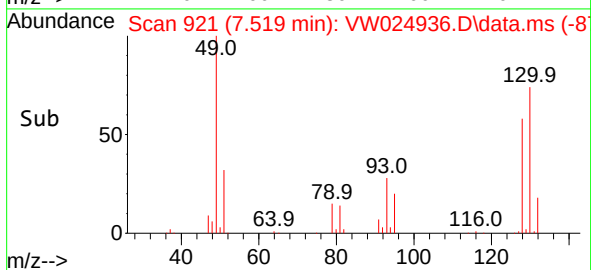
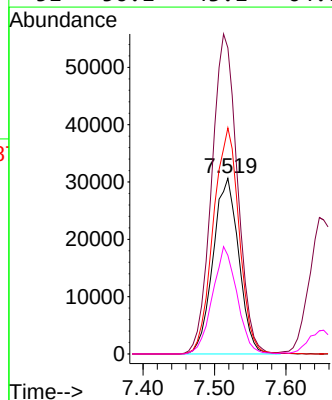
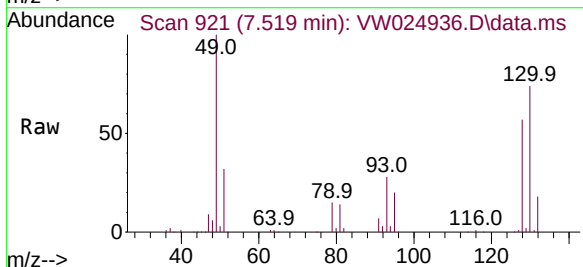
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

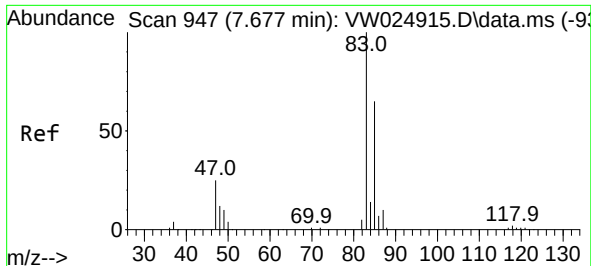
Tgt Ion: 43 Resp: 98136
Ion Ratio Lower Upper
43 100
72 28.1 14.1 42.3



#23
Bromochloromethane
Concen: 26.972 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 128 Resp: 76581
Ion Ratio Lower Upper
128 100
49 174.2 122.7 227.9
130 128.7 86.0 159.8
51 56.1 43.1 64.7

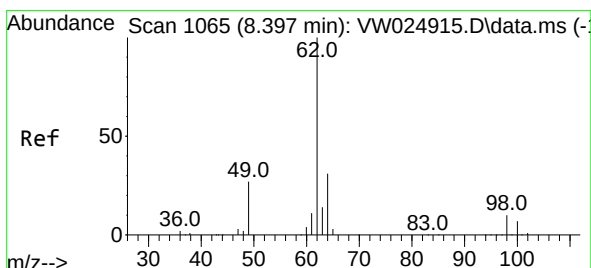
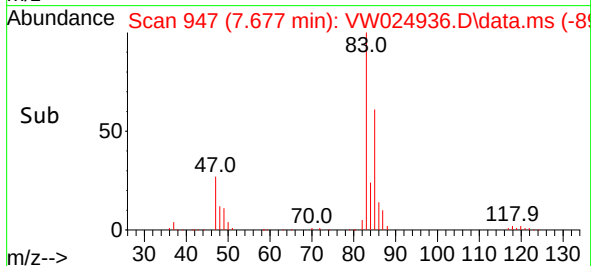
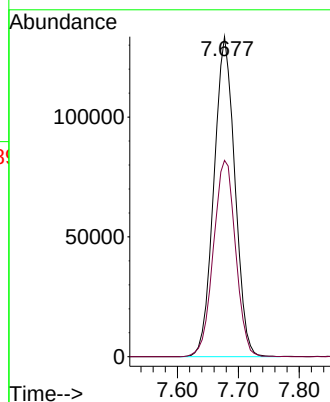
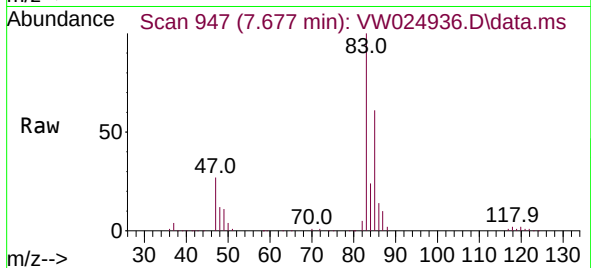




#25
Chloroform
Concen: 27.368 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

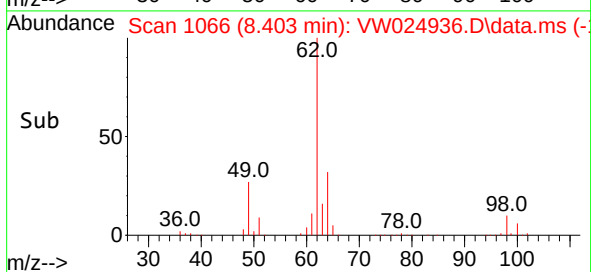
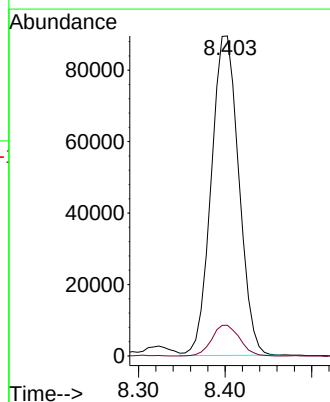
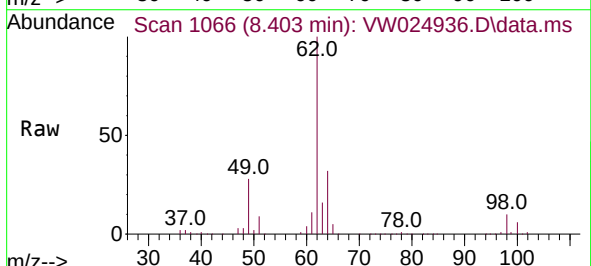
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

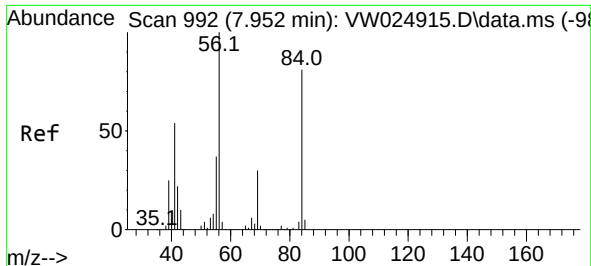
Tgt Ion: 83 Resp: 319205
Ion Ratio Lower Upper
83 100
85 61.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 26.282 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 62 Resp: 198224
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 28.016 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

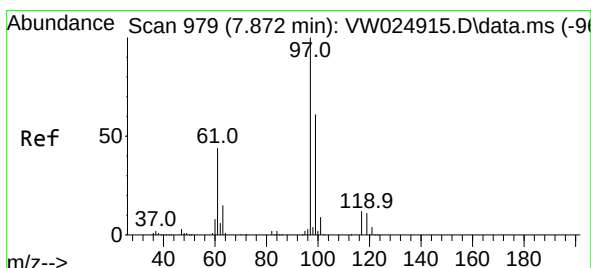
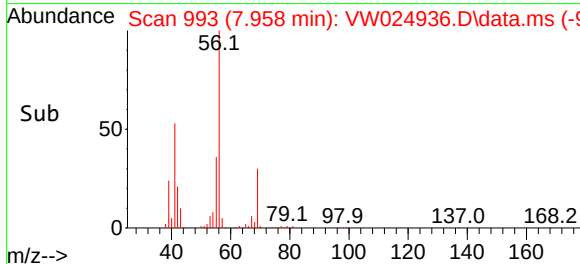
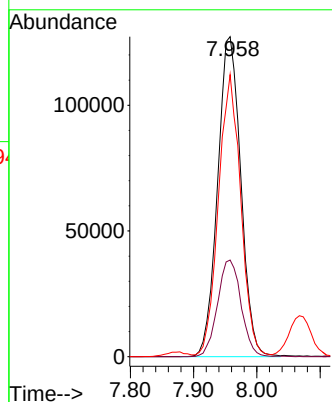
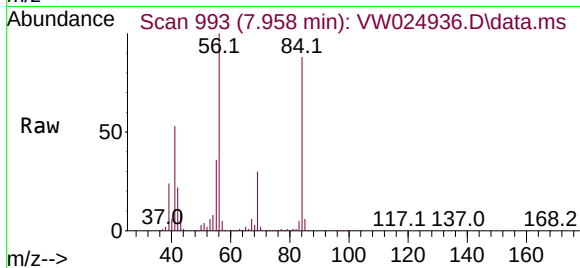
Tgt Ion: 56 Resp: 323516

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 84.9 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 28.753 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

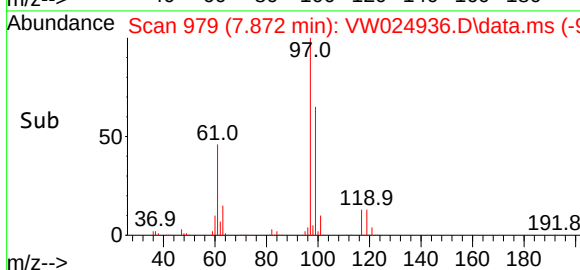
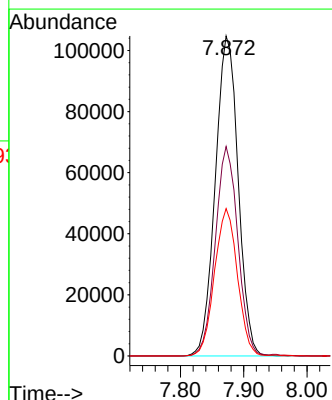
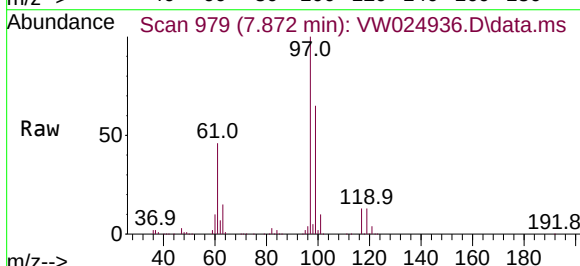
Tgt Ion: 97 Resp: 262923

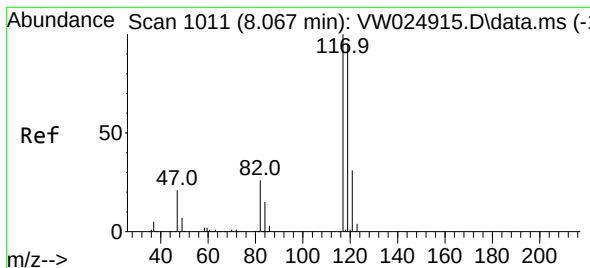
Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 45.9 37.3 55.9





#31

Carbon tetrachloride

Concen: 29.380 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

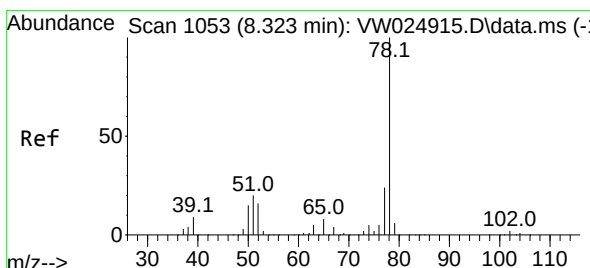
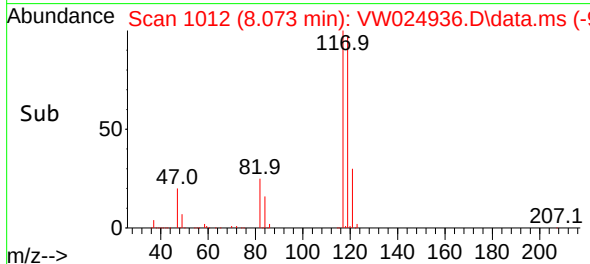
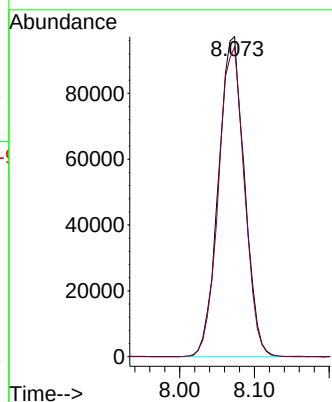
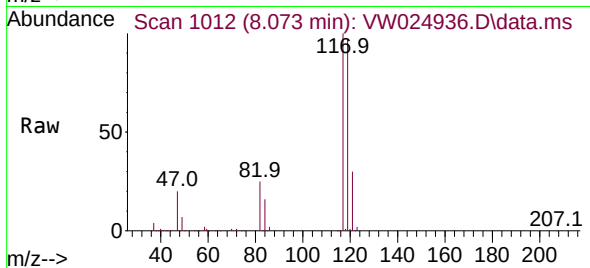
VSTD025591

Tgt Ion:117 Resp: 235890

Ion Ratio Lower Upper

117 100

119 96.3 75.1 112.7



#33

Benzene

Concen: 26.987 ug/L

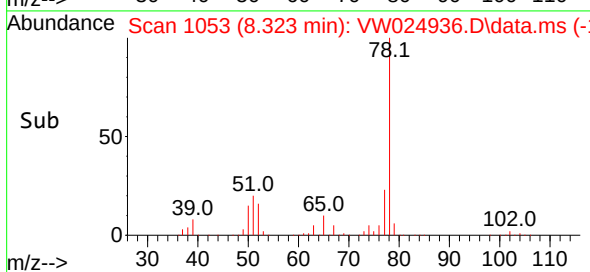
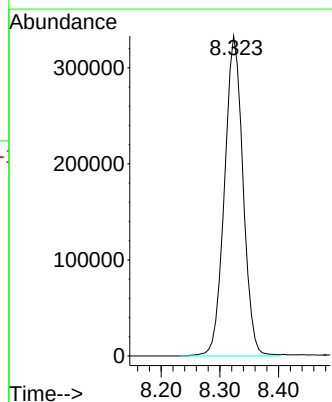
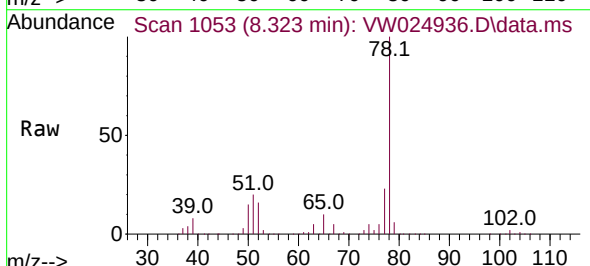
RT: 8.323 min Scan# 1053

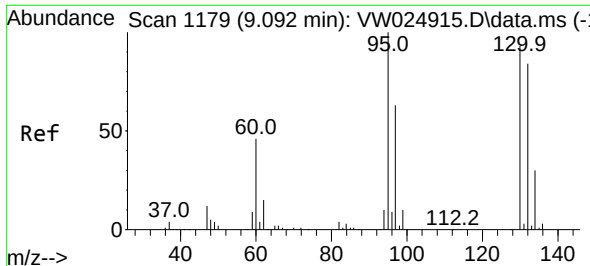
Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Tgt Ion: 78 Resp: 730034



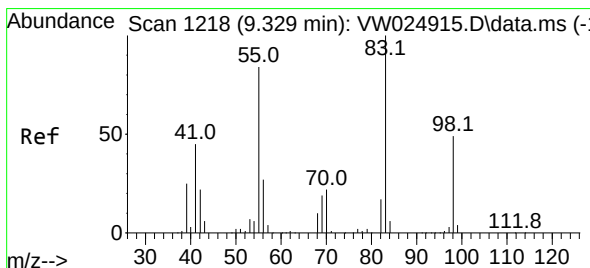
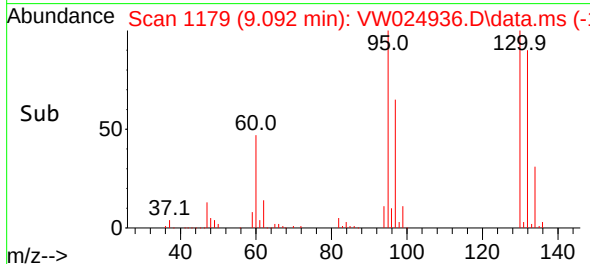
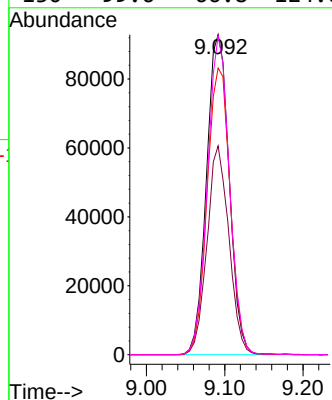
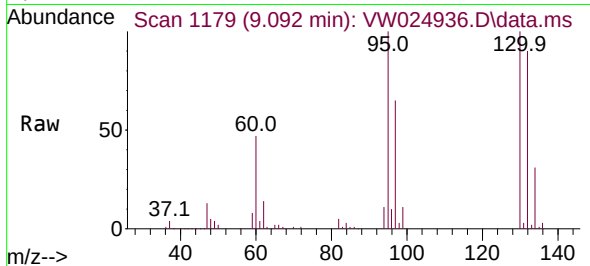


#34
Trichloroethene
Concen: 27.319 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Tgt Ion: 95 Resp: 186107

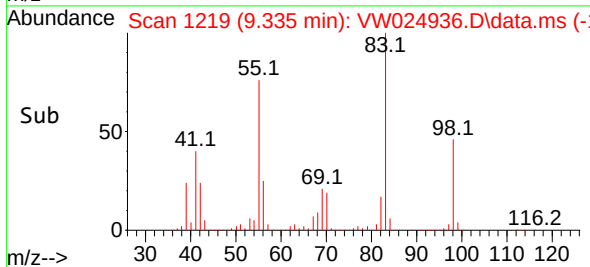
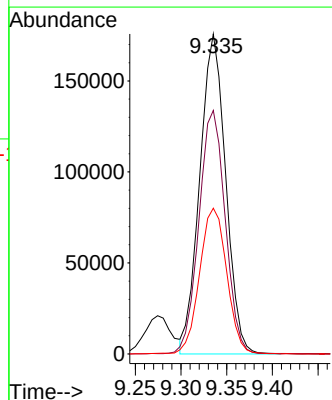
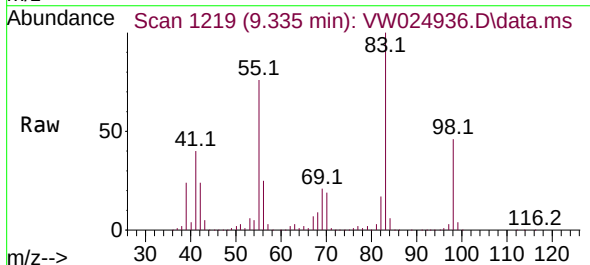
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.2	82.0
132	89.6	62.9	116.7
130	99.6	66.8	124.0

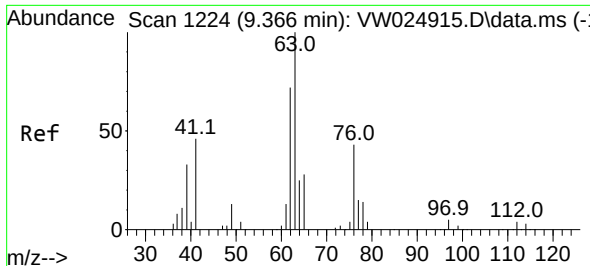


#35
Methylcyclohexane
Concen: 28.273 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 83 Resp: 346642

Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.5	93.7
98	47.8	37.2	55.8





#37

1,2-Dichloropropane

Concen: 26.893 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

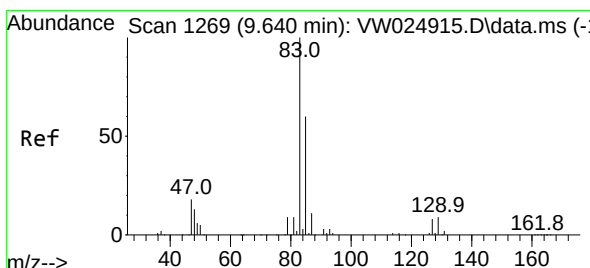
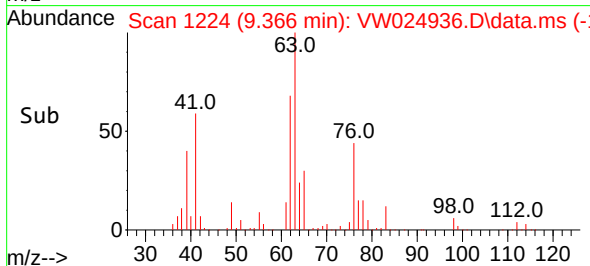
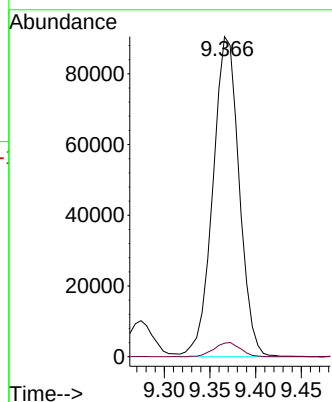
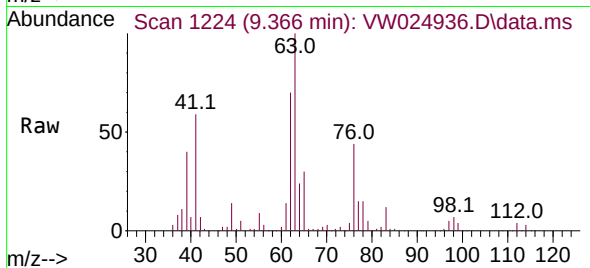
VSTD025591

Tgt Ion: 63 Resp: 181299

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 27.284 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

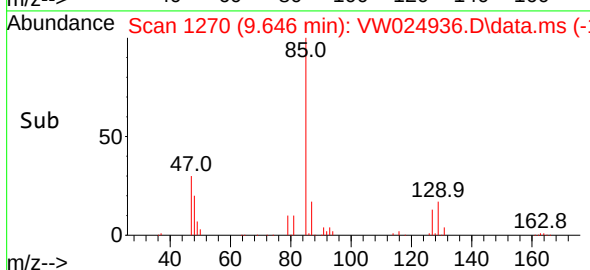
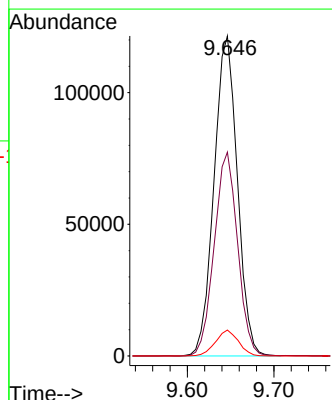
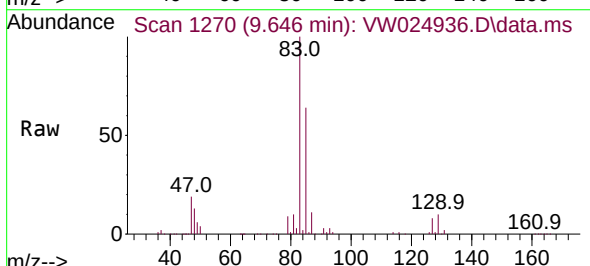
Tgt Ion: 83 Resp: 227265

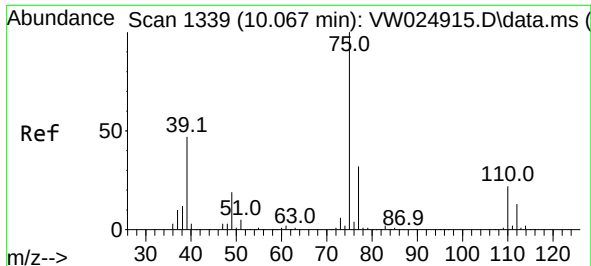
Ion Ratio Lower Upper

83 100

85 63.7 43.6 81.0

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 28.097 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

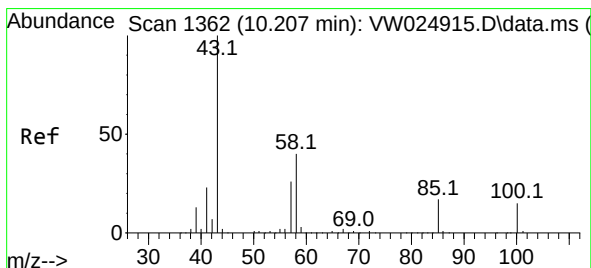
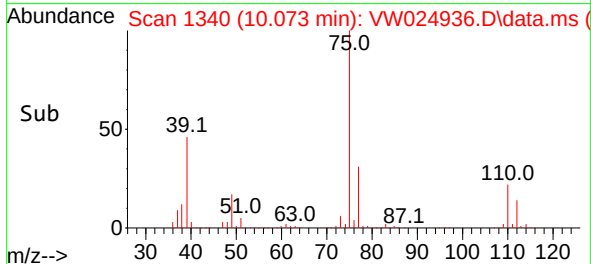
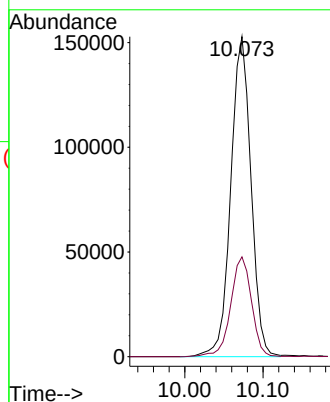
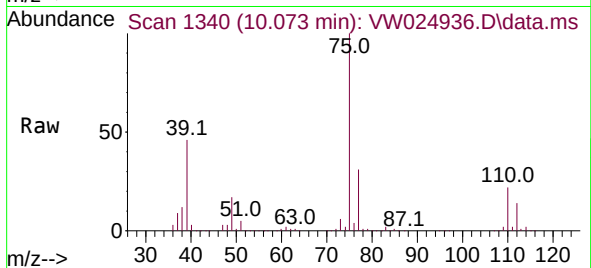
VSTD025591

Tgt Ion: 75 Resp: 273789

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 47.640 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

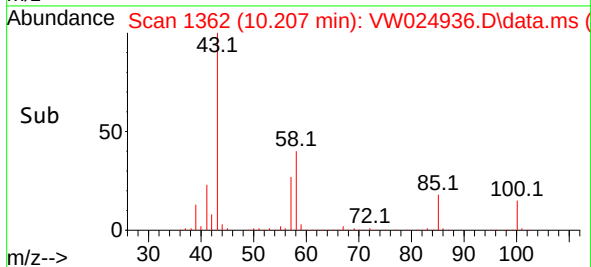
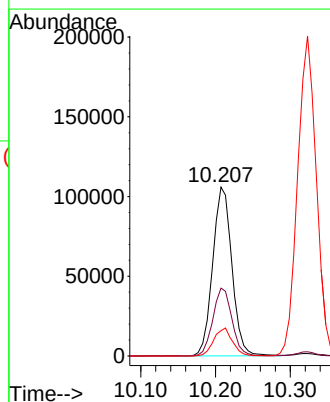
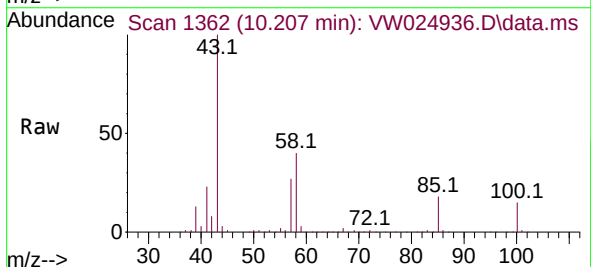
Tgt Ion: 43 Resp: 189821

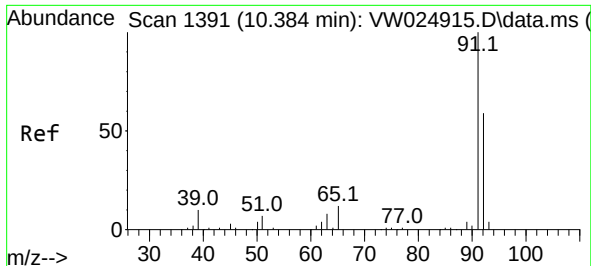
Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1

100 16.1 12.8 19.2





#42

Toluene

Concen: 27.880 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

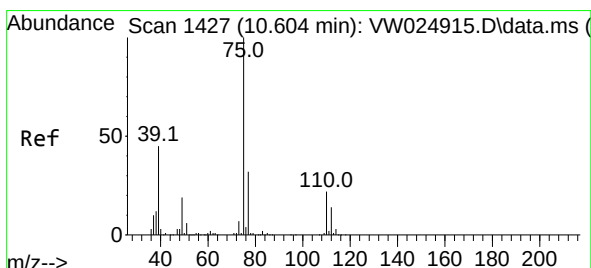
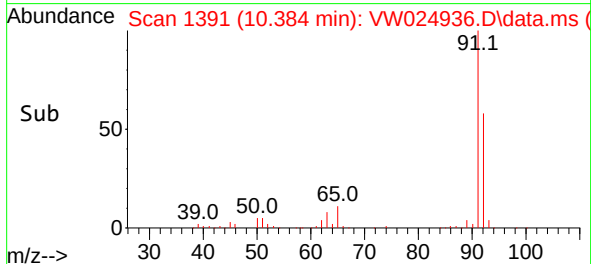
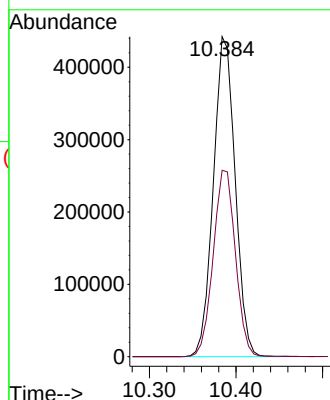
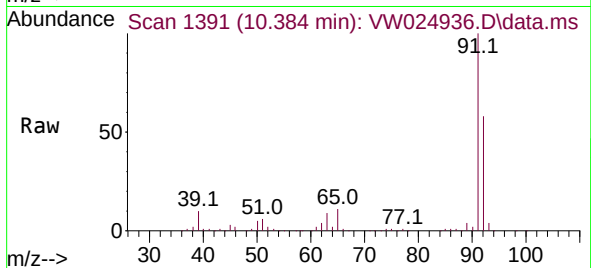
VSTD025591

Tgt Ion: 91 Resp: 773233

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 27.796 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024936.D

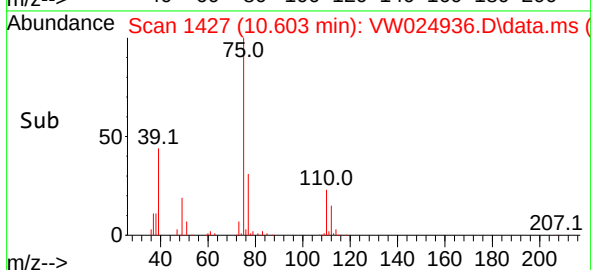
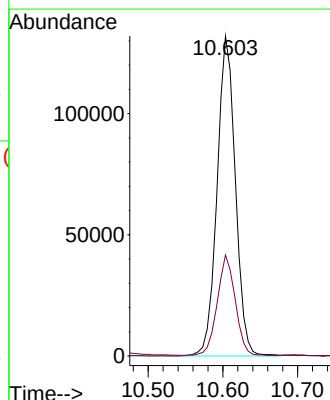
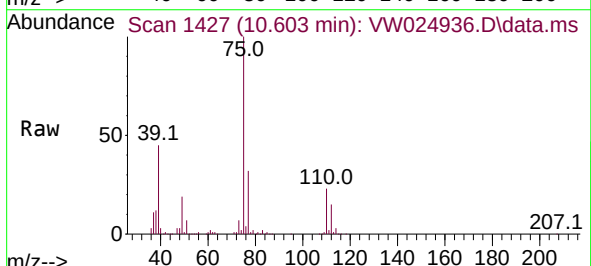
Acq: 19 Oct 2022 13:25

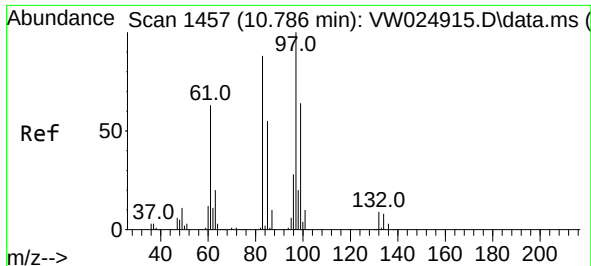
Tgt Ion: 75 Resp: 224874

Ion Ratio Lower Upper

75 100

77 31.6 23.0 42.6



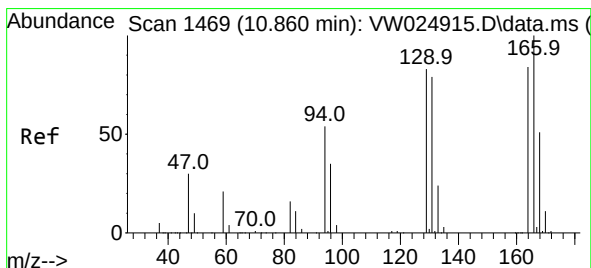
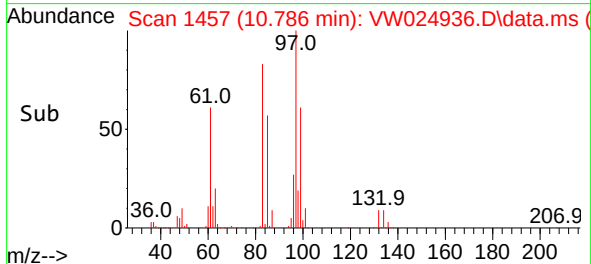
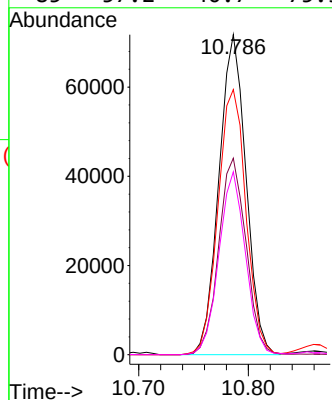
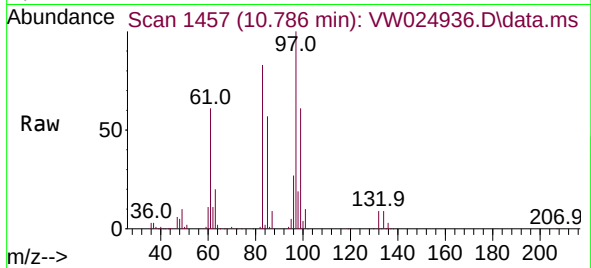


#45
1,1,2-Trichloroethane
Concen: 26.190 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Tgt Ion: 97 Resp: 123327

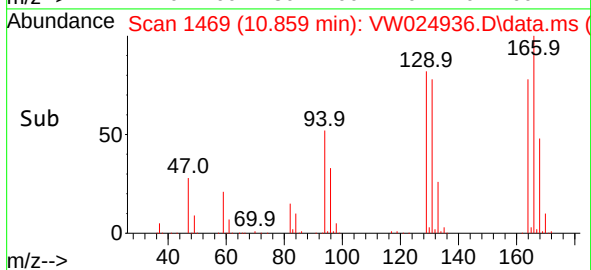
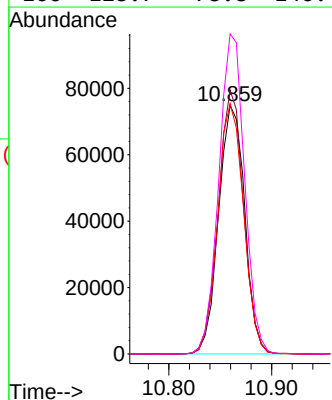
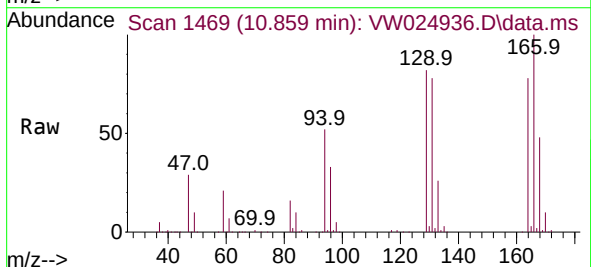
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.7	83.1
83	82.9	59.6	110.8
85	57.2	40.7	75.5

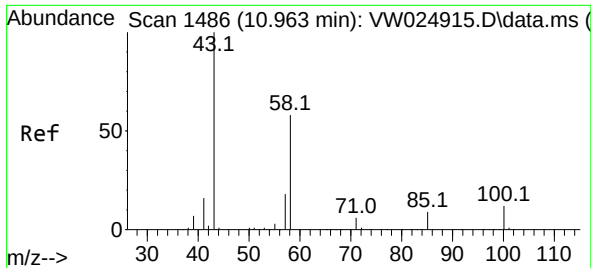


#46
Tetrachloroethene
Concen: 28.428 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 164 Resp: 131682

Ion	Ratio	Lower	Upper
164	100		
129	106.1	78.7	146.1
131	100.7	71.1	132.1
166	128.7	78.8	146.4

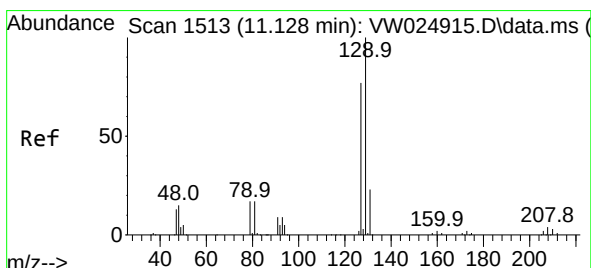
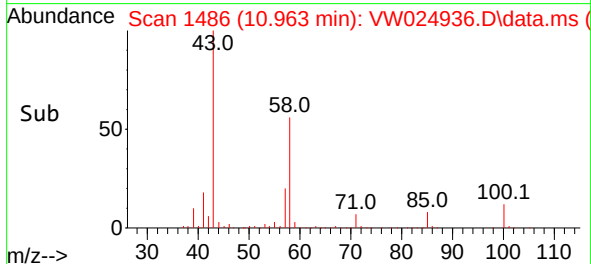
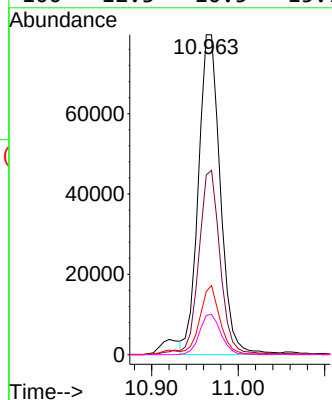
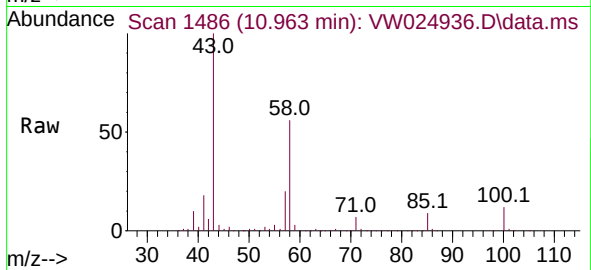




#48
2-Hexanone
Concen: 51.763 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

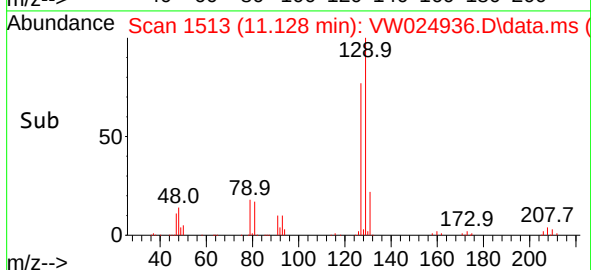
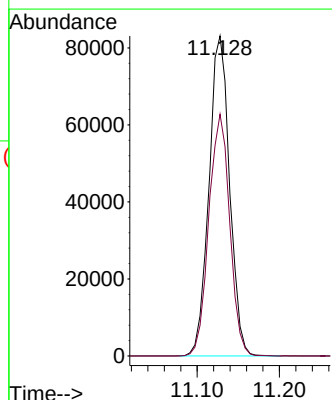
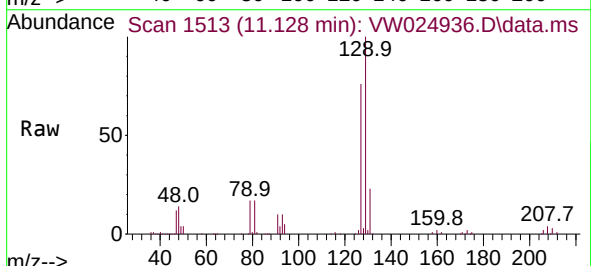
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

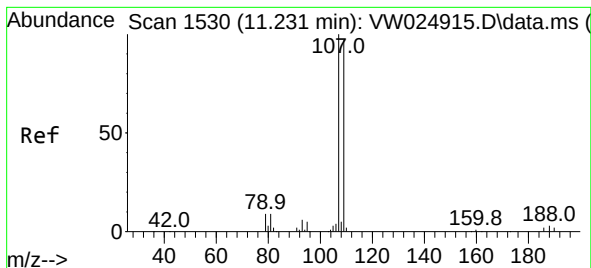
Tgt Ion:	43	Resp:	139843
Ion	Ratio	Lower	Upper
43	100		
58	54.9	47.0	70.6
57	19.5	16.0	24.0
100	12.3	10.5	15.7



#49
Dibromochloromethane
Concen: 27.823 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:	129	Resp:	145037
Ion	Ratio	Lower	Upper
129	100		
127	75.5	53.9	100.1



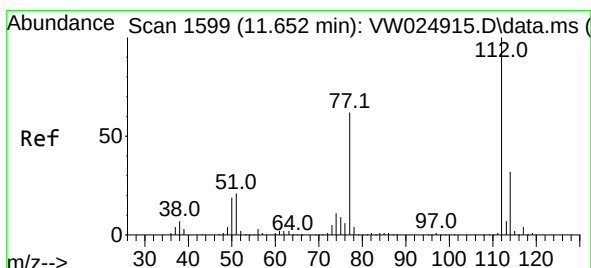
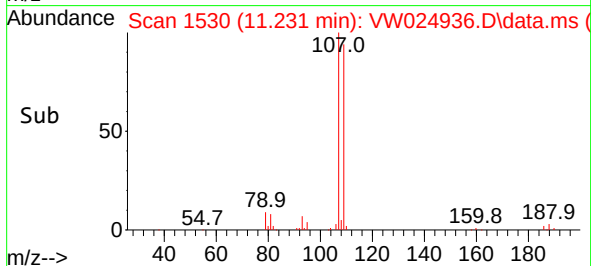
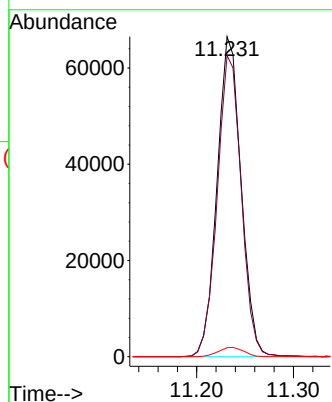
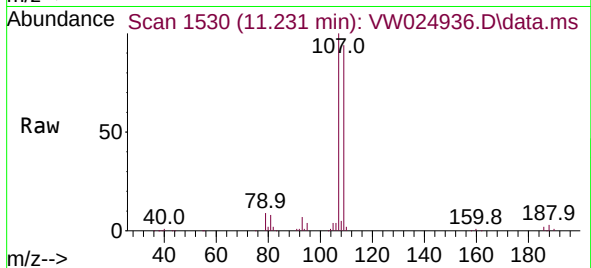


#50
1,2-Dibromoethane
Concen: 25.822 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Tgt Ion:107 Resp: 114544

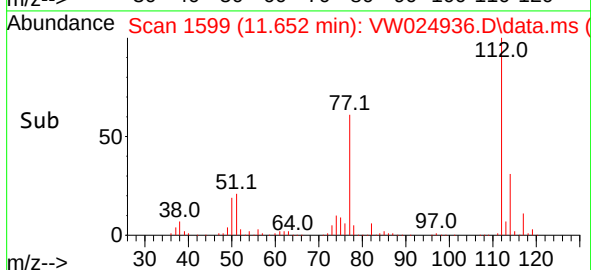
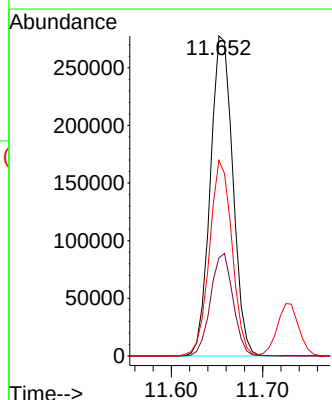
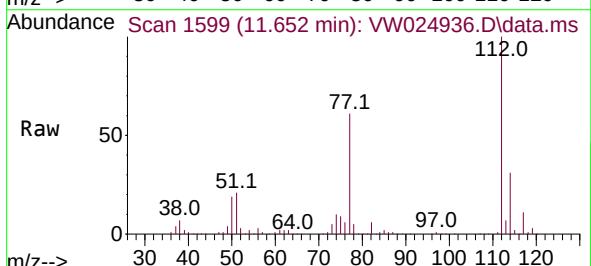
Ion	Ratio	Lower	Upper
107	100		
109	94.2	62.8	116.6
188	2.8	2.2	3.2

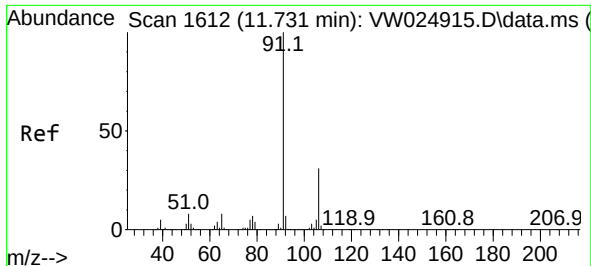


#51
Chlorobenzene
Concen: 27.287 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:112 Resp: 475653

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.7	42.3
77	61.1	49.8	74.8

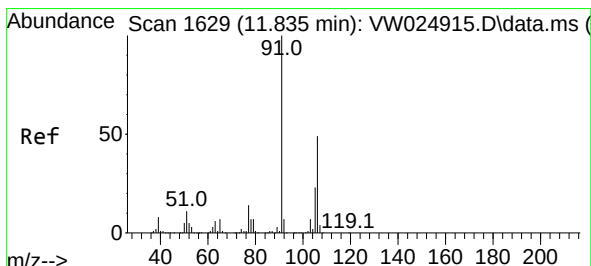
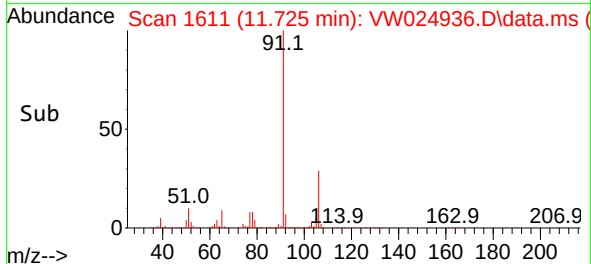
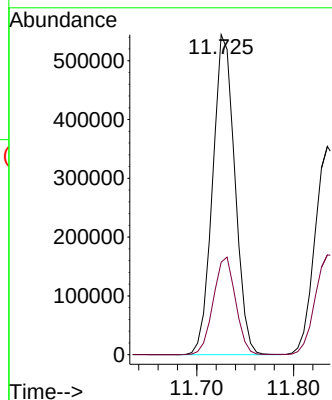
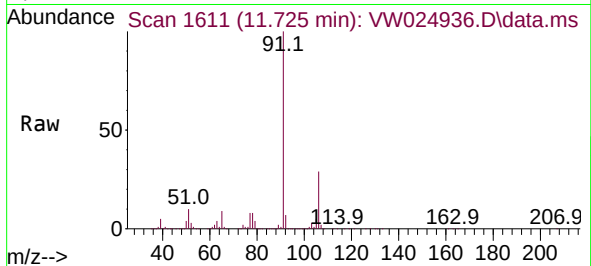




#52
Ethylbenzene
Concen: 27.937 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

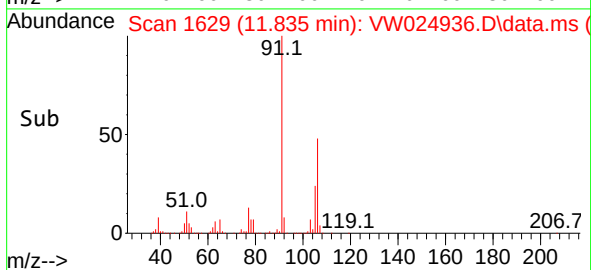
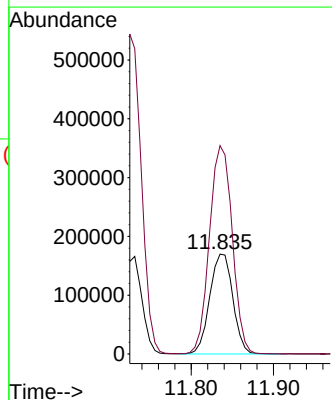
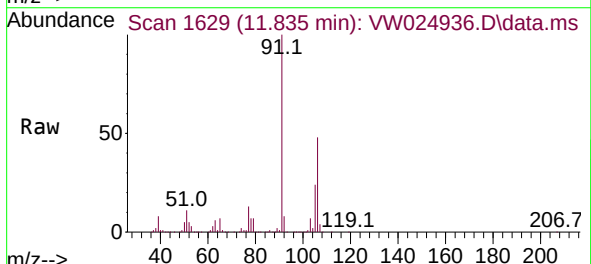
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

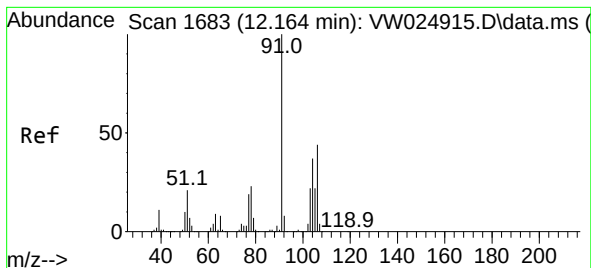
Tgt Ion: 91 Resp: 867637
Ion Ratio Lower Upper
91 100
106 28.9 20.1 37.3



#53
m,p-Xylene
Concen: 28.047 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:106 Resp: 330937
Ion Ratio Lower Upper
106 100
91 208.6 147.4 273.8

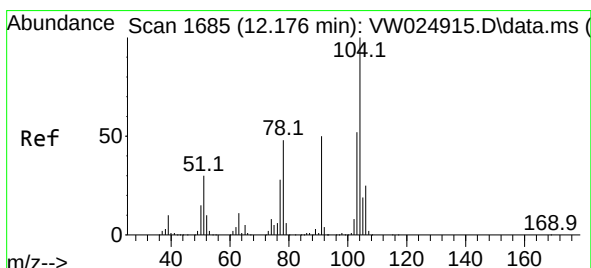
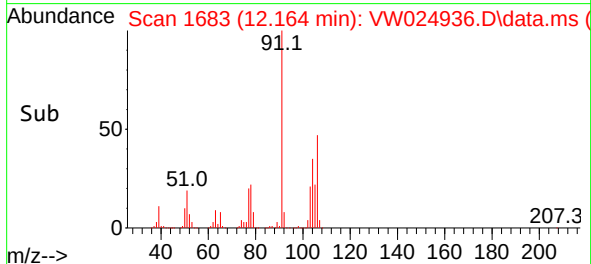
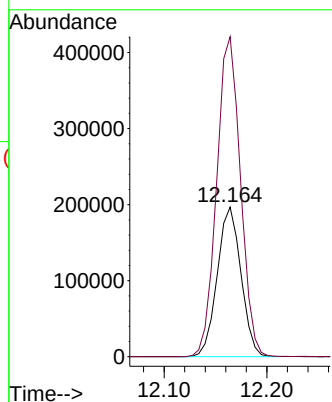
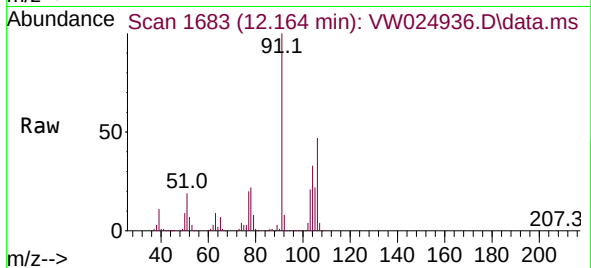




#54
o-Xylene
Concen: 28.014 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

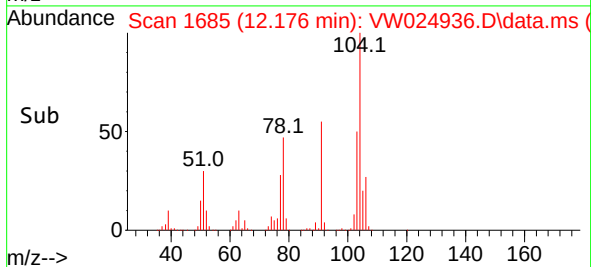
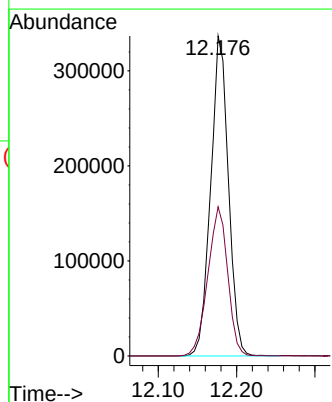
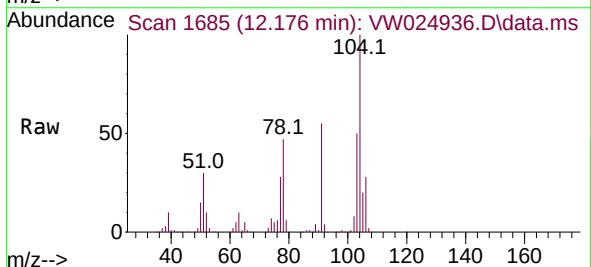
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

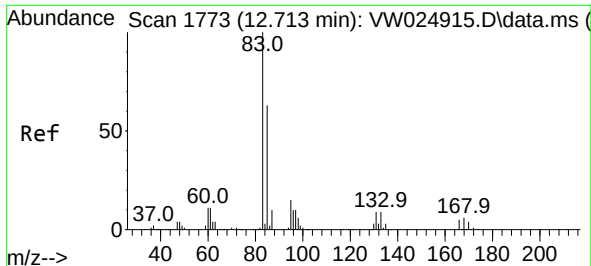
Tgt Ion:106 Resp: 314739
Ion Ratio Lower Upper
106 100
91 213.8 151.0 280.4



#55
Styrene
Concen: 27.575 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:104 Resp: 531352
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 24.863 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

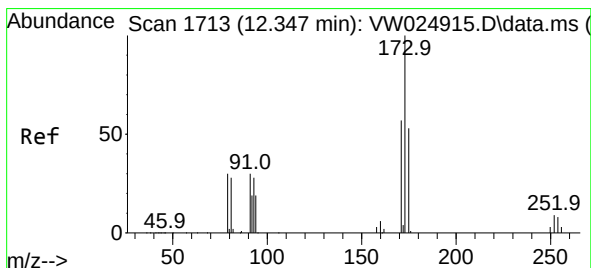
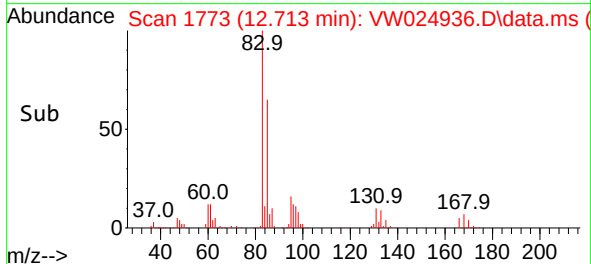
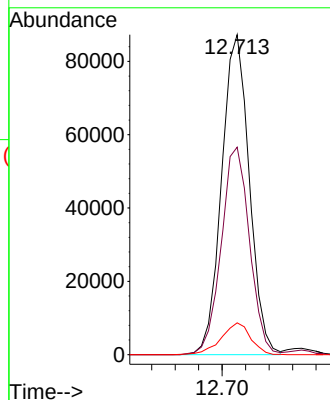
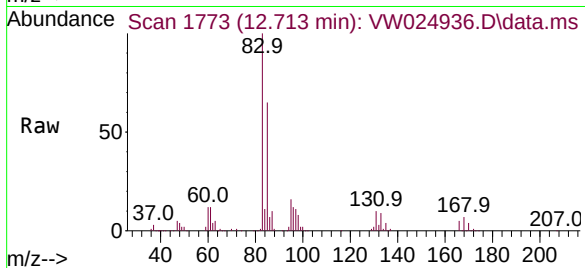
Tgt Ion: 83 Resp: 142841

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

131 10.0 6.8 10.2



#59

Bromoform

Concen: 26.362 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

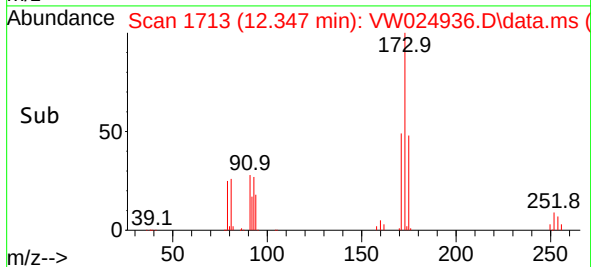
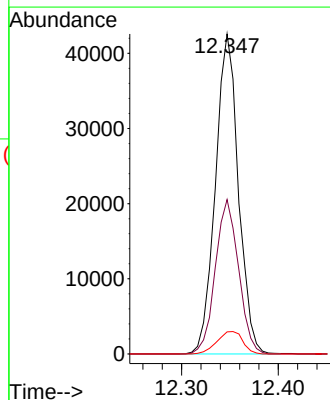
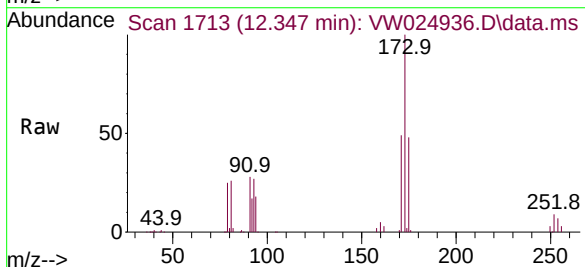
Tgt Ion:173 Resp: 70219

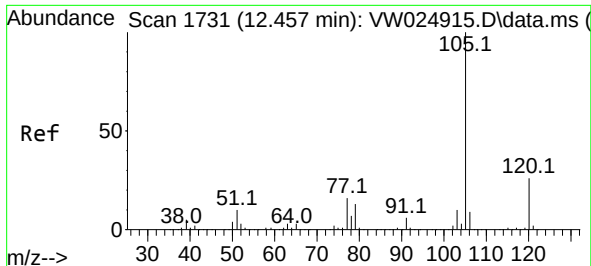
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

254 7.9 4.8 7.2#

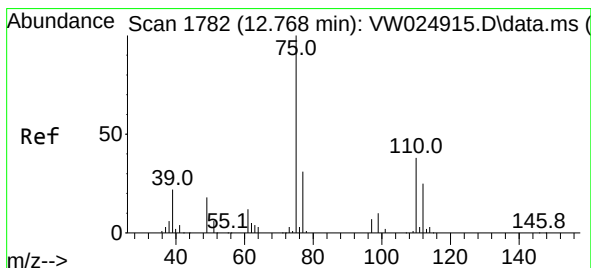
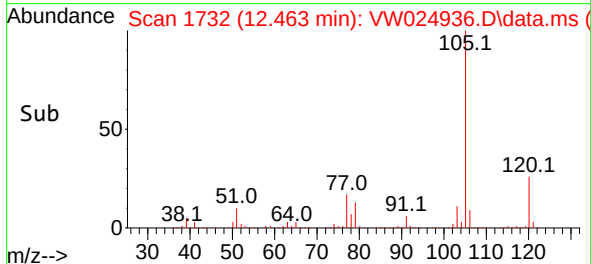
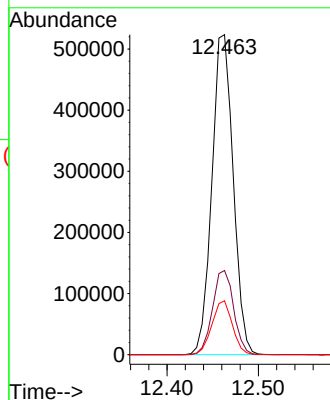
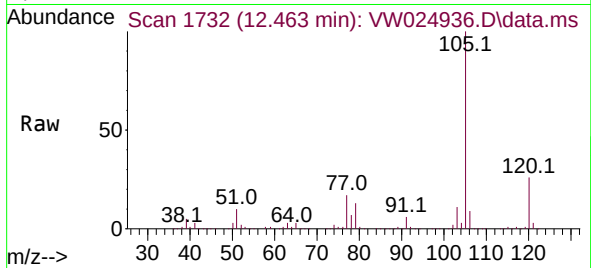




#60
Isopropylbenzene
Concen: 26.385 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

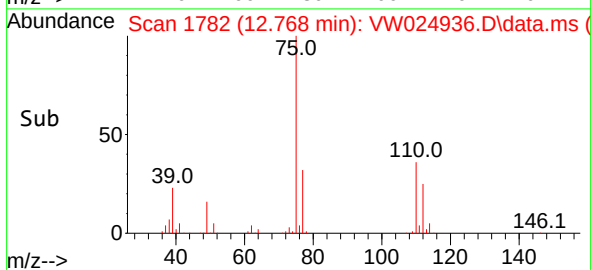
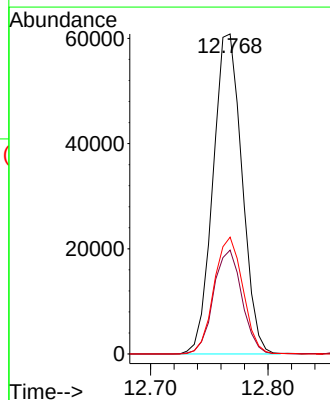
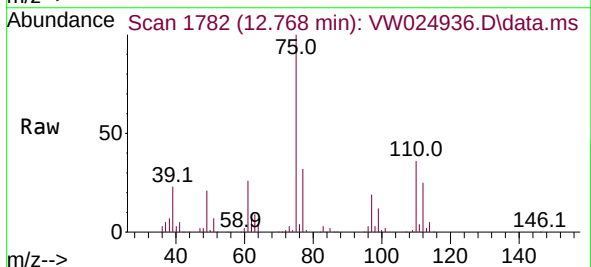
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

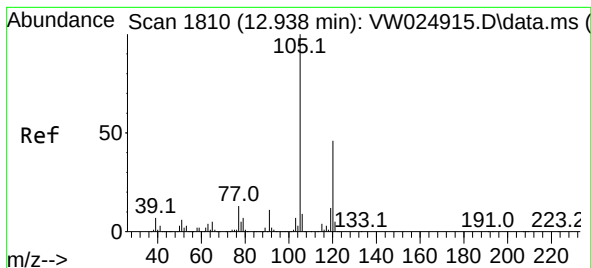
Tgt Ion:105 Resp: 847234
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.841 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion: 75 Resp: 104352
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 36.3 30.8 46.2

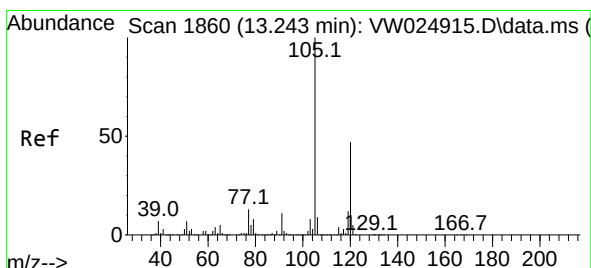
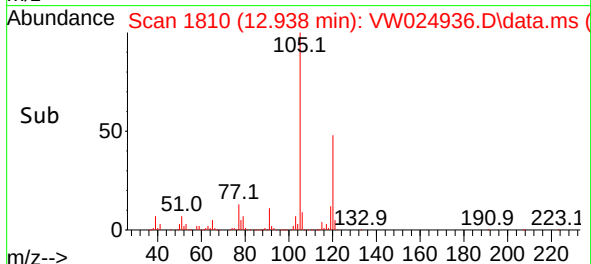
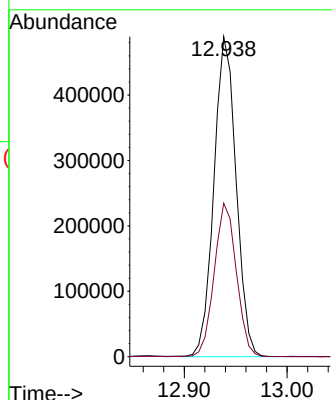
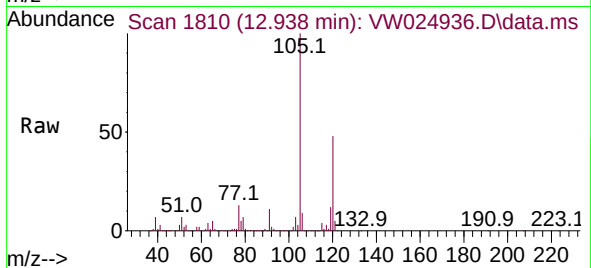




#62
1,3,5-Trimethylbenzene
Concen: 26.610 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

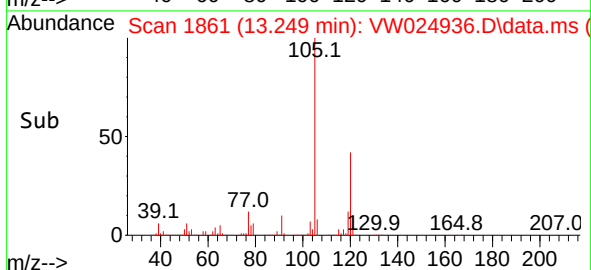
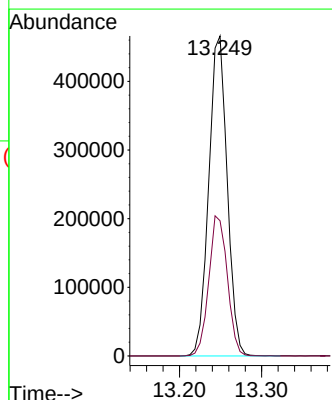
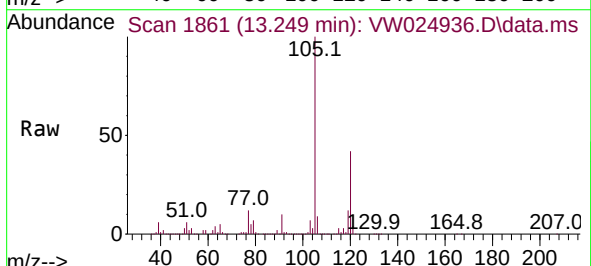
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

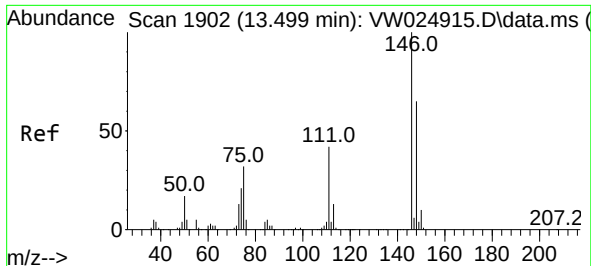
Tgt Ion:105 Resp: 733611
Ion Ratio Lower Upper
105 100
120 47.7 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 27.263 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:105 Resp: 724704
Ion Ratio Lower Upper
105 100
120 44.1 34.8 52.2

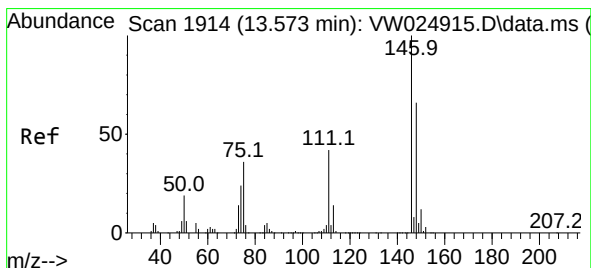
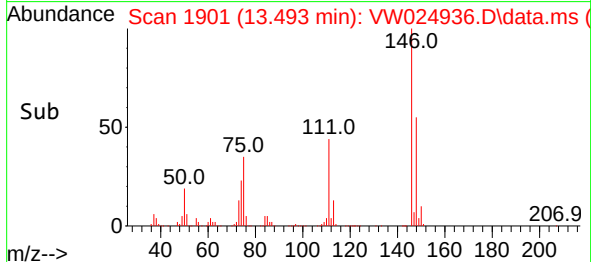
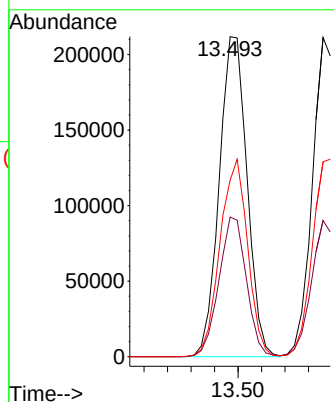
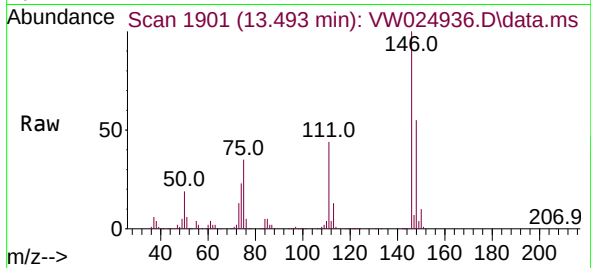




#64
1,3-Dichlorobenzene
Concen: 26.671 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

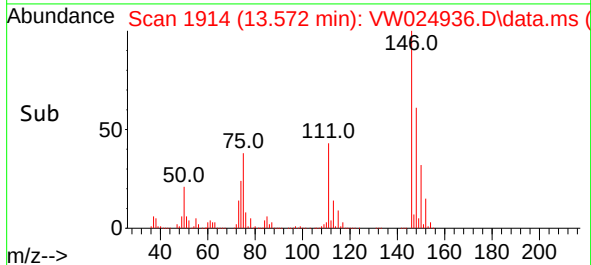
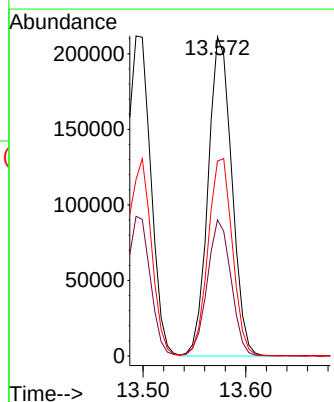
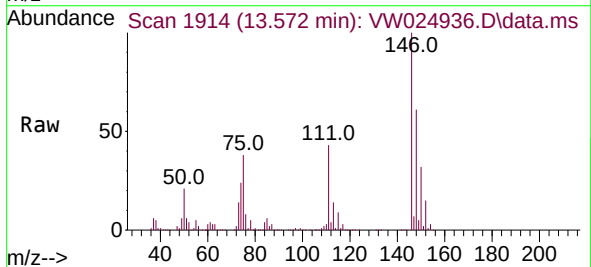
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

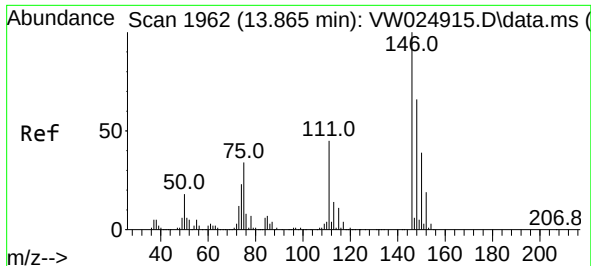
Tgt Ion:146 Resp: 348789
Ion Ratio Lower Upper
146 100
111 43.6 31.7 58.9
148 55.2 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.660 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024936.D
Acq: 19 Oct 2022 13:25

Tgt Ion:146 Resp: 339669
Ion Ratio Lower Upper
146 100
111 42.7 27.4 50.8
148 61.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 26.256 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

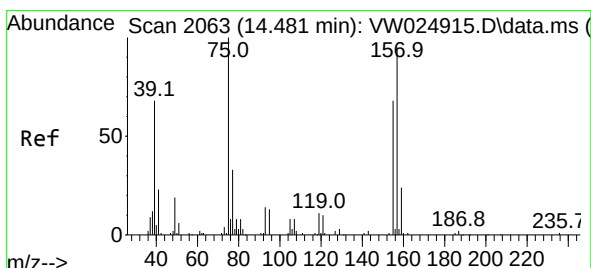
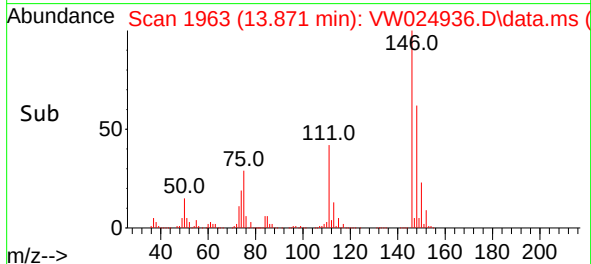
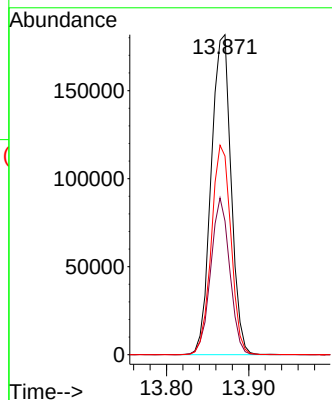
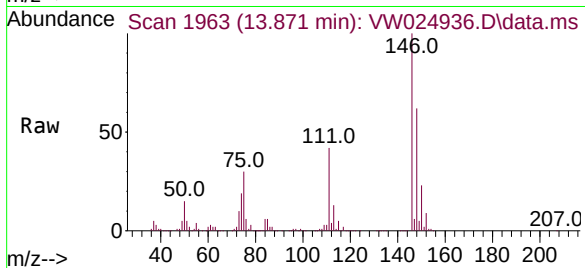
Tgt Ion:146 Resp: 305192

Ion Ratio Lower Upper

146 100

111 41.7 36.9 55.3

148 62.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.526 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

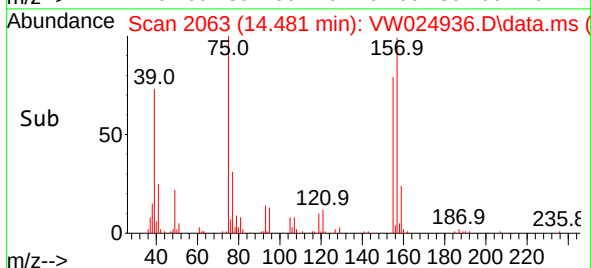
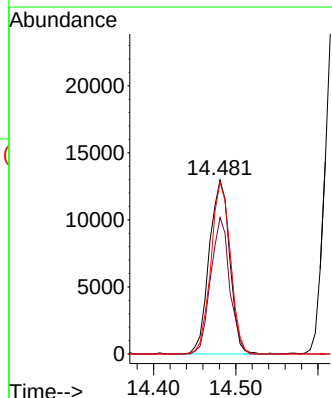
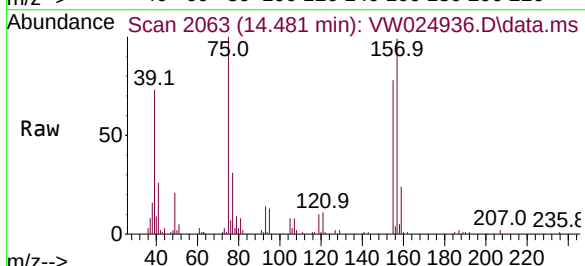
Tgt Ion: 75 Resp: 22383

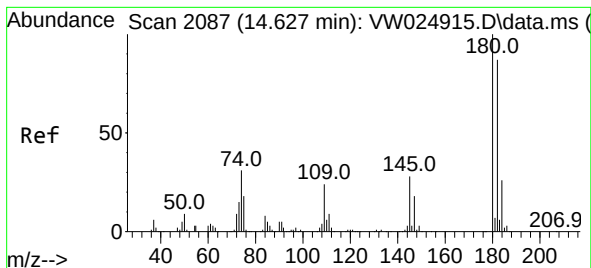
Ion Ratio Lower Upper

75 100

155 78.4 56.2 84.4

157 98.8 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 26.359 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

Tgt Ion:180 Resp: 225063

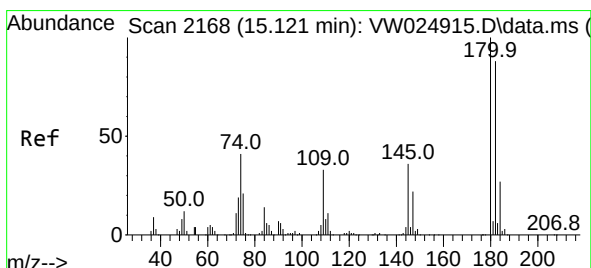
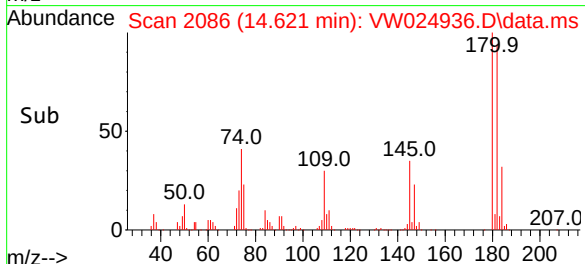
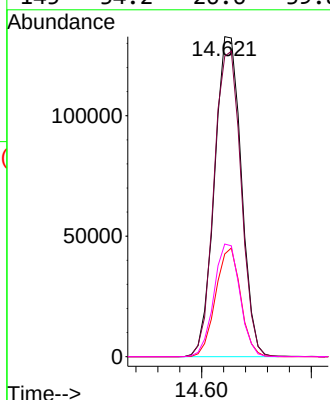
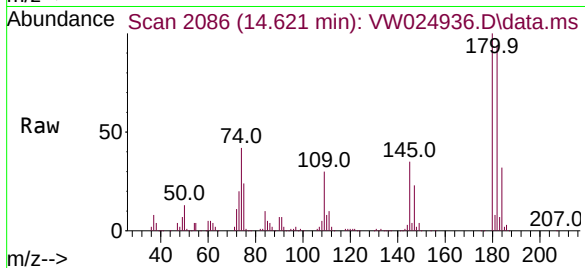
Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.6

184 31.8 22.9 34.3

145 34.2 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 26.176 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

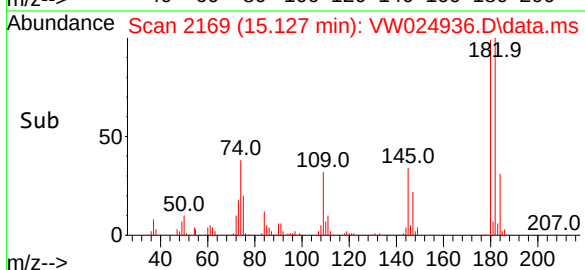
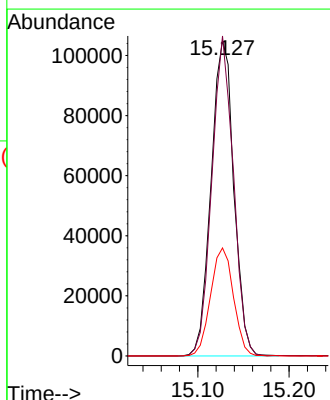
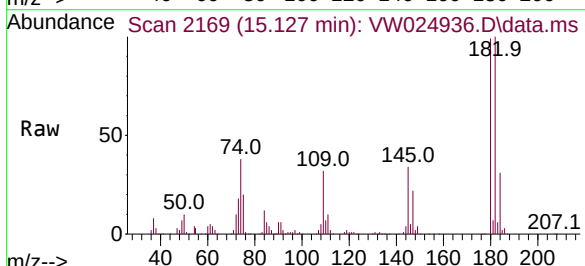
Tgt Ion:180 Resp: 181338

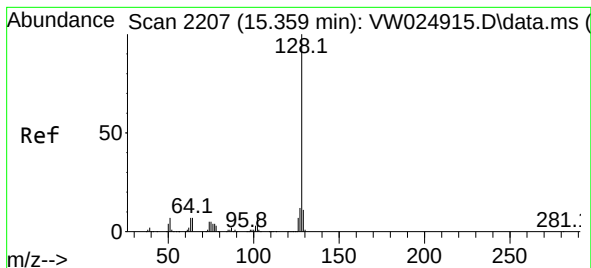
Ion Ratio Lower Upper

180 100

182 95.8 77.7 116.5

145 34.4 29.0 43.4





#71

Naphthalene

Concen: 24.575 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

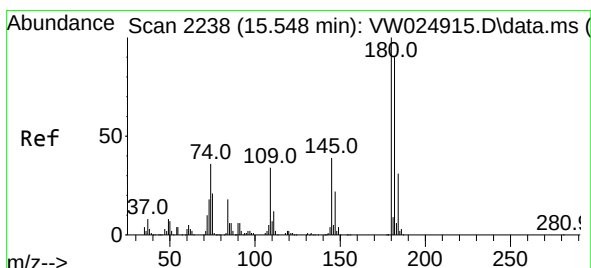
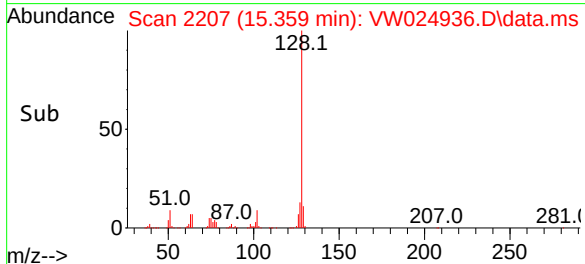
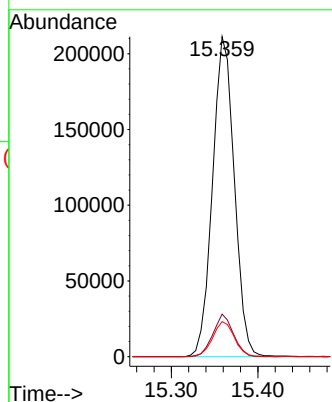
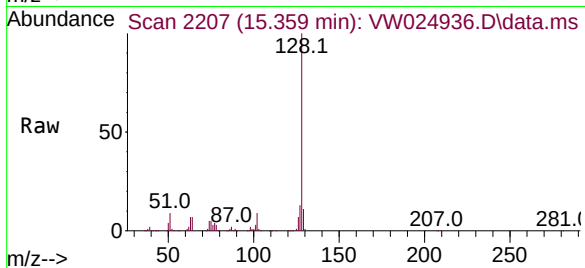
Tgt Ion:128 Resp: 368880

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.083 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024936.D

Acq: 19 Oct 2022 13:25

Tgt Ion:180 Resp: 154229

Ion Ratio Lower Upper

180 100

182 93.7 75.1 112.7

145 35.7 29.9 44.9

