

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051624\
 Data File : VW028627.D
 Acq On : 16 May 2024 16:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 17 01:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 17 01:01:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	290418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137319	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89574	16.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.960%
7) Chloroethane-d5	2.905	69	78315	18.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	4.027	65	39640	17.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.800%
21) 2-Butanone-d5	7.075	46	58549	40.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.380%
24) Chloroform-d	7.654	84	197003	21.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	8.307	65	113231	21.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.160%
32) Benzene-d6	8.276	84	370877	20.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	9.276	67	113821	20.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.640%
41) Toluene-d8	10.325	98	330937	20.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.640%
43) trans-1,3-Dichloroprop...	10.575	79	46706	21.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.280%
47) 2-Hexanone-d5	10.922	63	39711	41.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98266	21.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	107353	20.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	70154	16.623	ug/L #	84
3) Chloromethane	2.228	50	107364	20.535	ug/L	97
5) Vinyl chloride	2.375	62	119688	20.333	ug/L	98
6) Bromomethane	2.789	94	74769	21.958	ug/L	99
8) Chloroethane	2.942	64	74434	22.173	ug/L	98
9) Trichlorofluoromethane	3.271	101	93360	19.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87058	19.539	ug/L	95
12) 1,1-Dichloroethene	4.051	96	83003	20.767	ug/L	91
13) Acetone	4.124	43	44210	33.776	ug/L	97
14) Carbon disulfide	4.399	76	267629	19.812	ug/L	100
15) Methyl Acetate	4.673	43	49077	21.551	ug/L	99
16) Methylene chloride	4.923	84	100254	22.321	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	92436	22.214	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	149391	24.328	ug/L	99
19) 1,1-Dichloroethane	6.222	63	191919	23.258	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	103028	23.658	ug/L	96
22) 2-Butanone	7.167	43	62552	37.233	ug/L	99
23) Bromochloromethane	7.520	128	44870	23.620	ug/L	93
25) Chloroform	7.679	83	191777	24.029	ug/L	98

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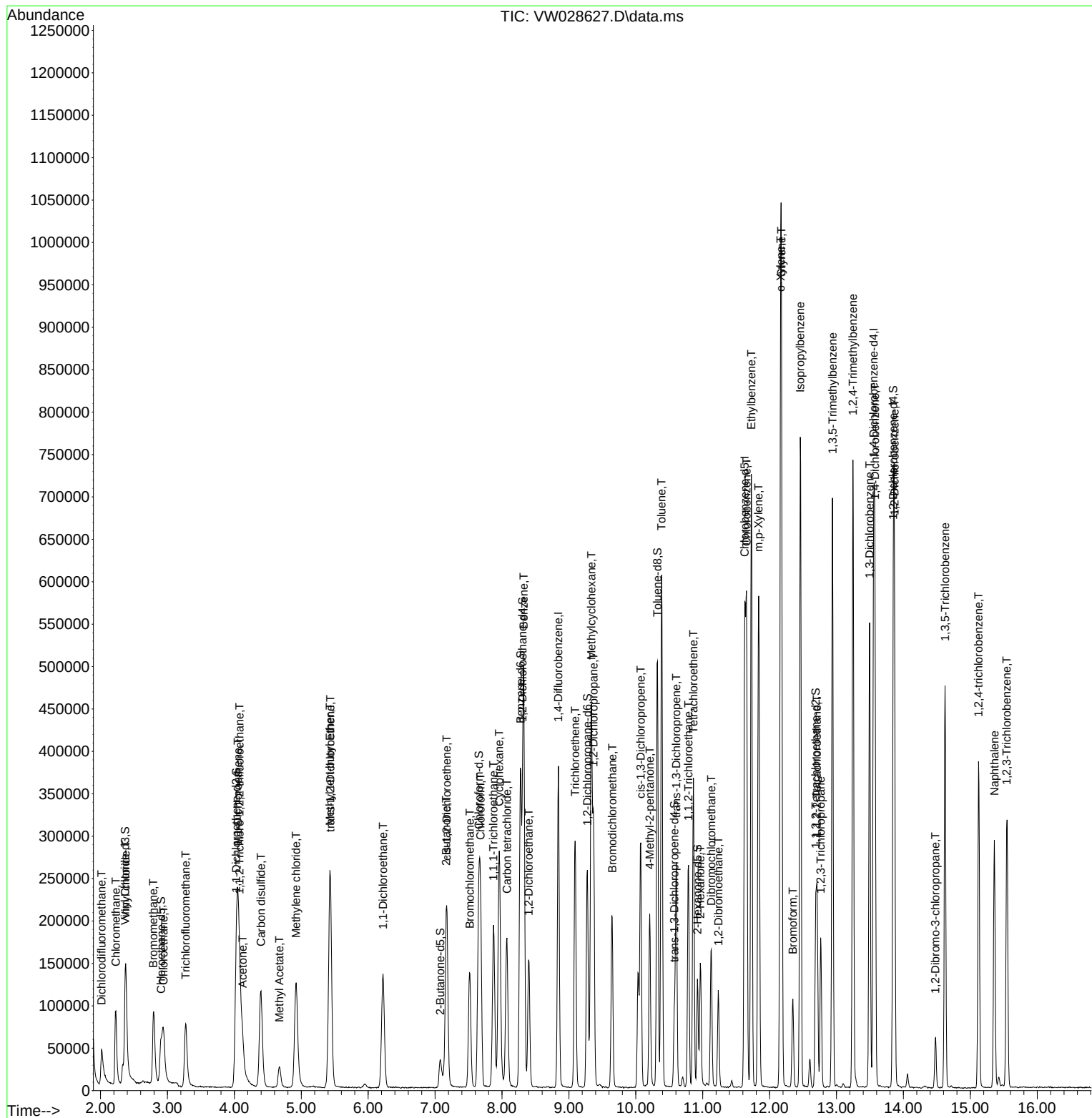
Instrument :
 MSVOA_W
 ClientSampleId :

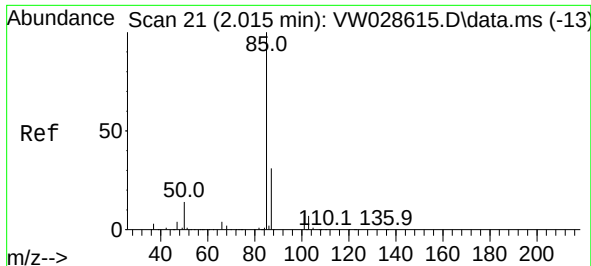
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 Quant Title : SFAM01.0
 QLast Update : Fri May 17 01:01:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140993	24.302	ug/L	99
29) Cyclohexane	7.959	56	156645	20.016	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	147417	21.433	ug/L	99
31) Carbon tetrachloride	8.075	117	131477	20.966	ug/L	98
33) Benzene	8.325	78	408262	22.938	ug/L	100
34) Trichloroethene	9.093	95	103292	21.646	ug/L	96
35) Methylcyclohexane	9.337	83	168657	20.224	ug/L	100
37) 1,2-Dichloropropane	9.367	63	107605	23.202	ug/L	100
38) Bromodichloromethane	9.648	83	136006	24.057	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	162530	24.450	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138472	43.869	ug/L	100
42) Toluene	10.386	91	427039	23.230	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	134635	24.022	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	76675	22.822	ug/L	97
46) Tetrachloroethene	10.861	164	73486	21.374	ug/L	95
48) 2-Hexanone	10.965	43	97671	43.829	ug/L	100
49) Dibromochloromethane	11.129	129	81591	24.212	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71221	22.630	ug/L #	97
51) Chlorobenzene	11.654	112	270445	23.783	ug/L	99
52) Ethylbenzene	11.727	91	484848	23.306	ug/L	93
53) m,p-Xylene	11.836	106	176163	23.101	ug/L	95
54) o-Xylene	12.166	106	171034	24.244	ug/L	96
55) Styrene	12.178	104	308574	25.814	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	94598	22.443	ug/L	100
59) Bromoform	12.349	173	43653	21.790	ug/L	99
60) Isopropylbenzene	12.458	105	471362	22.625	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69455	20.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	349342	23.700	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	377144	23.747	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	202391	23.353	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	198202	22.369	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	184622	23.801	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15108	19.471	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	131614	22.631	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	112142	23.865	ug/L	94
71) Naphthalene	15.360	128	230173	22.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	100635	23.733	ug/L	98

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

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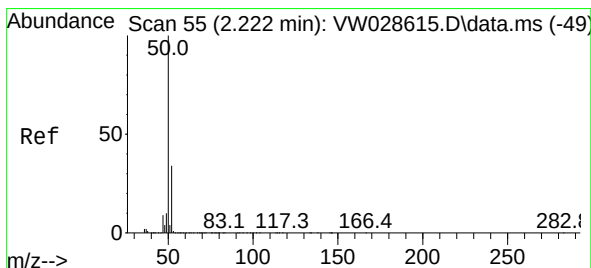
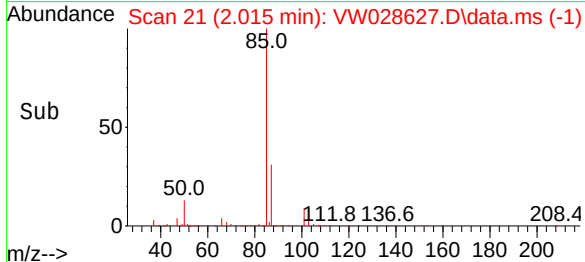
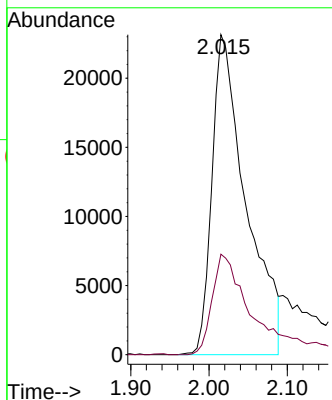
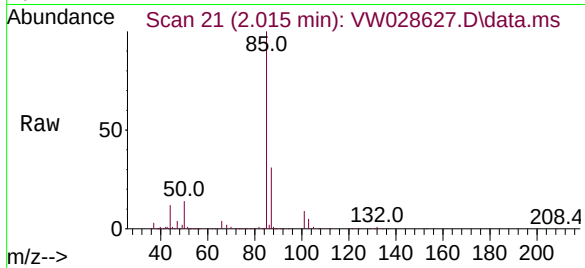




#2
Dichlorodifluoromethane
Concen: 16.623 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

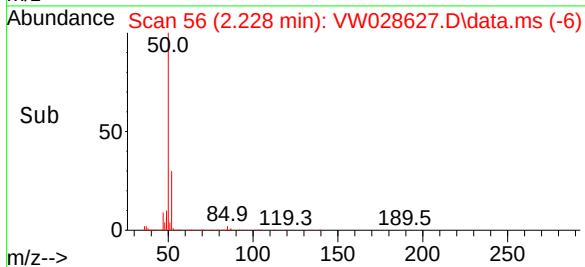
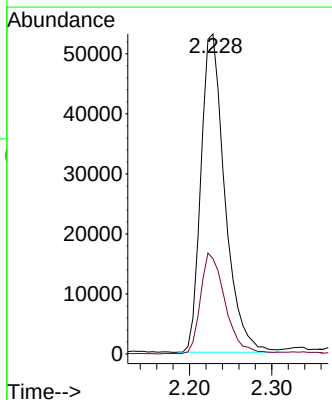
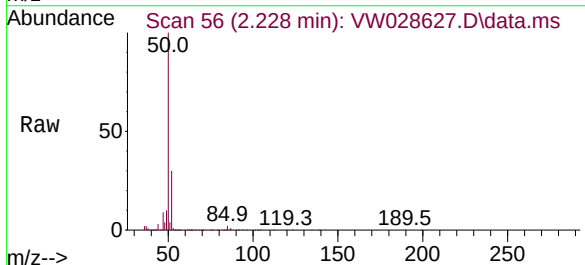
Instrument :
MSVOA_W
ClientSampleId :

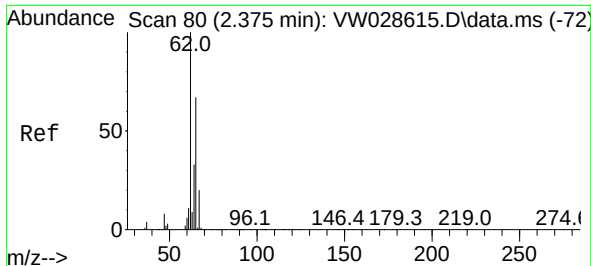
Tgt Ion: 85 Resp: 70154
Ion Ratio Lower Upper
85 100
87 35.8 21.9 32.9#



#3
Chloromethane
Concen: 20.535 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 50 Resp: 107364
Ion Ratio Lower Upper
50 100
52 29.8 22.0 41.0

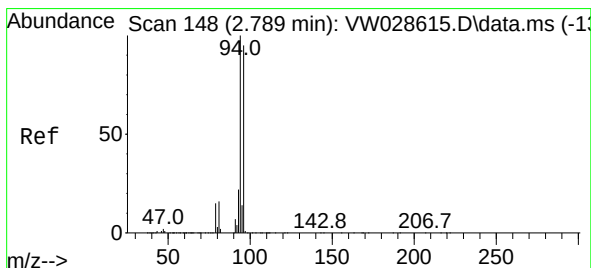
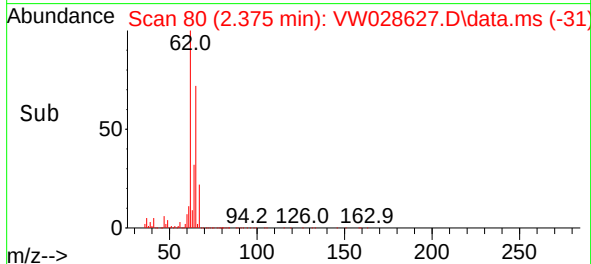
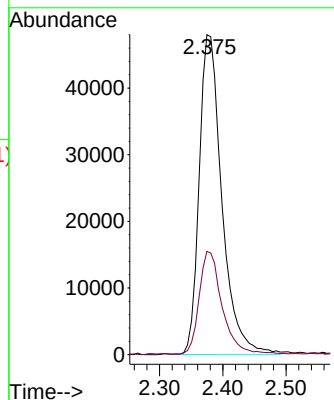
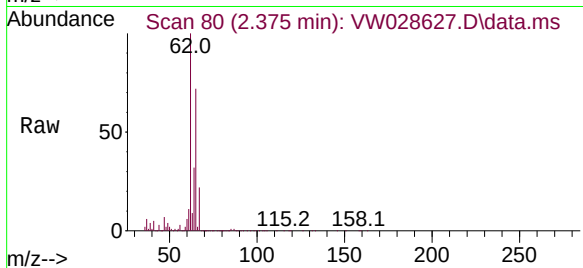




#5
 Vinyl chloride
 Concen: 20.333 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028627.D
 Acq: 16 May 2024 16:51

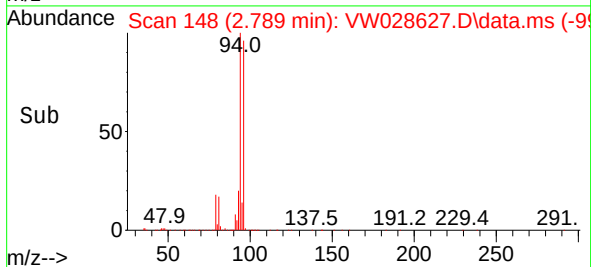
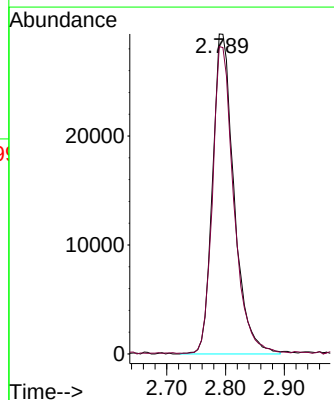
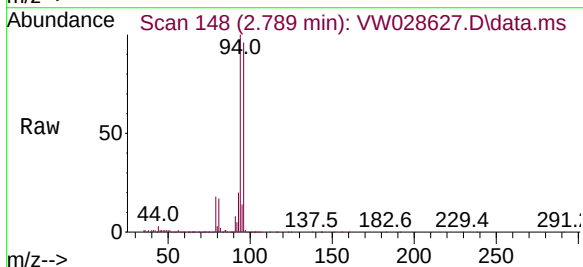
Instrument :
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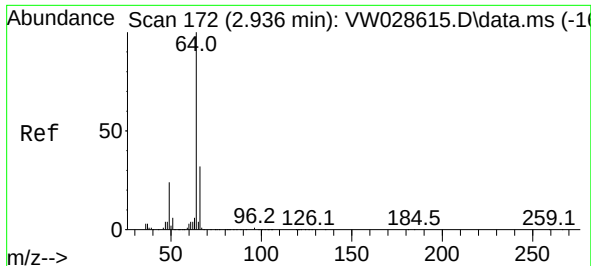
Tgt Ion: 62 Resp: 119688
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.3 43.3



#6
 Bromomethane
 Concen: 21.958 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028627.D
 Acq: 16 May 2024 16:51

Tgt Ion: 94 Resp: 74769
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.3 123.1

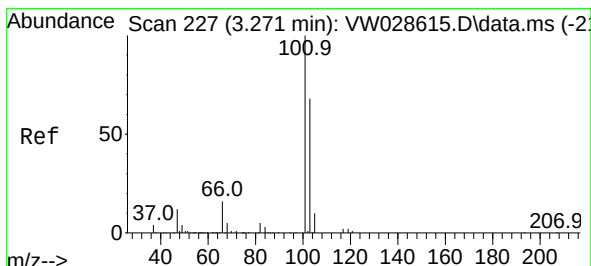
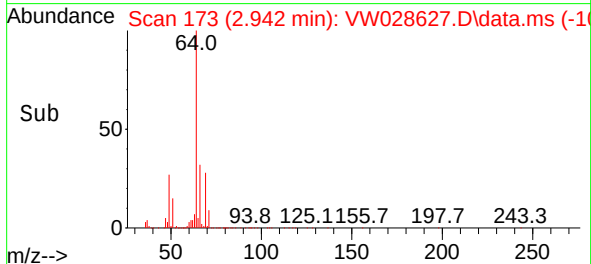
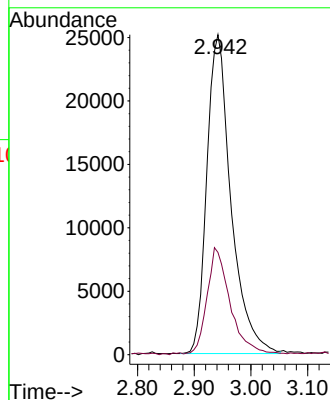
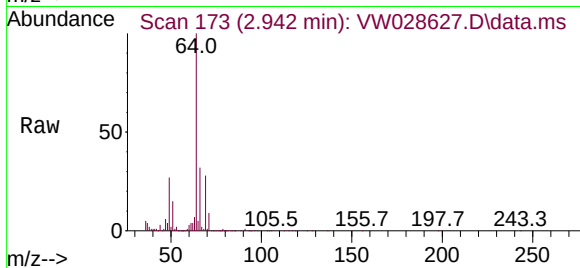




#8
Chloroethane
Concen: 22.173 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

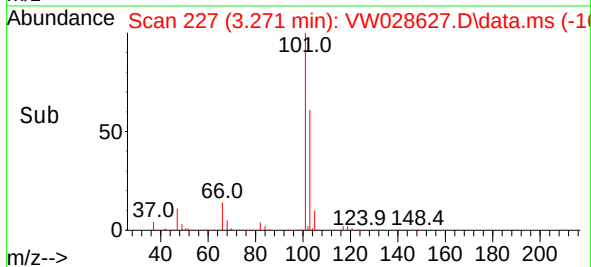
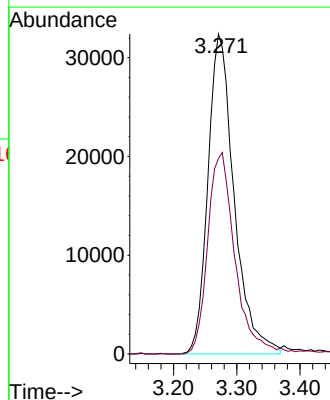
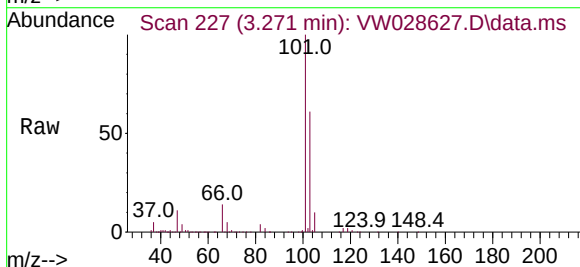
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MSVOA_W
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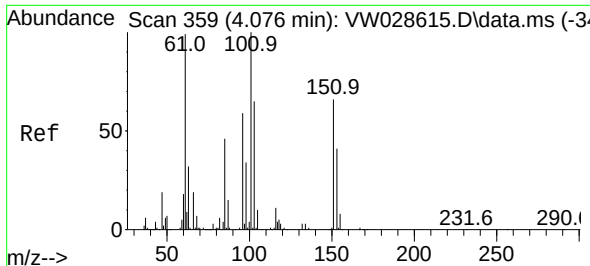
Tgt Ion: 64 Resp: 74434
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.318 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:101 Resp: 93360
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.539 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

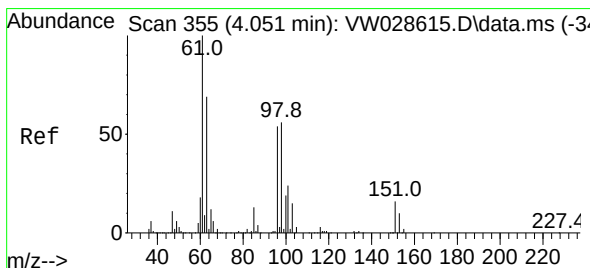
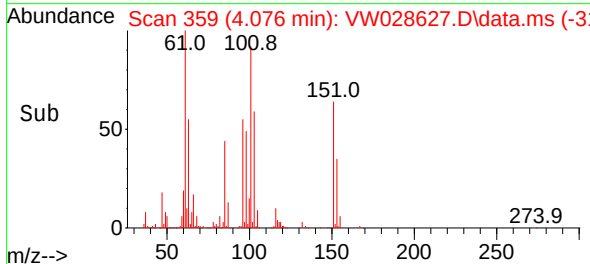
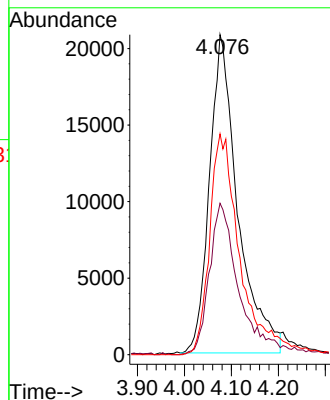
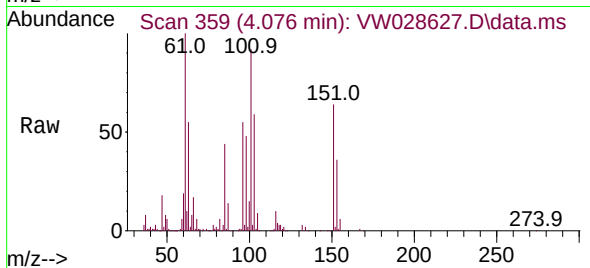
Tgt Ion:101 Resp: 87058

Ion Ratio Lower Upper

101 100

85 46.7 35.8 53.8

151 67.1 49.6 74.4



#12

1,1-Dichloroethene

Concen: 20.767 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

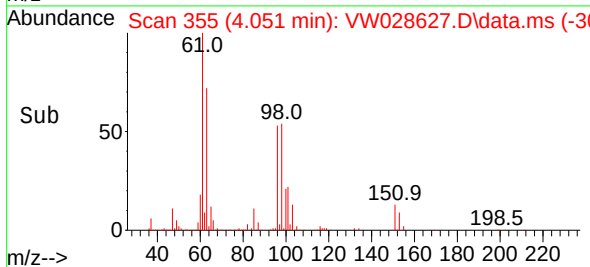
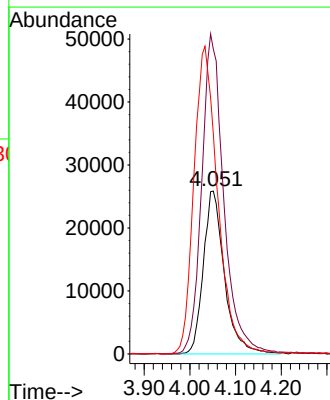
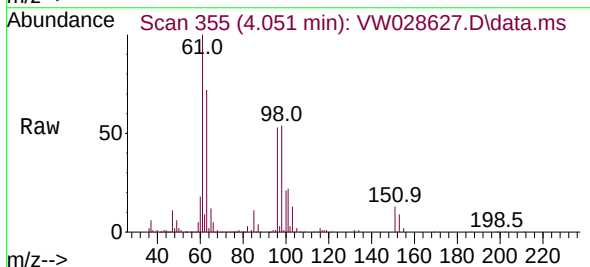
Tgt Ion: 96 Resp: 83003

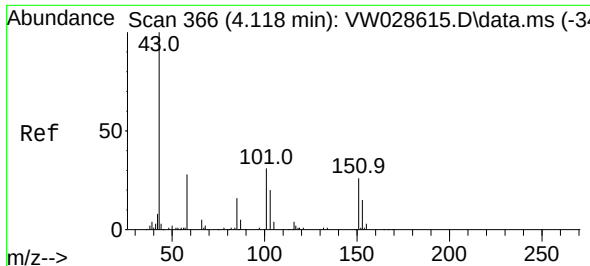
Ion Ratio Lower Upper

96 100

61 187.1 131.6 244.4

63 135.2 111.4 206.8

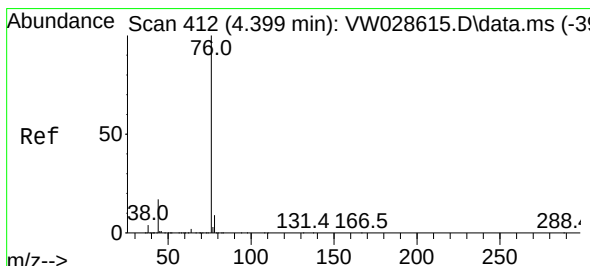
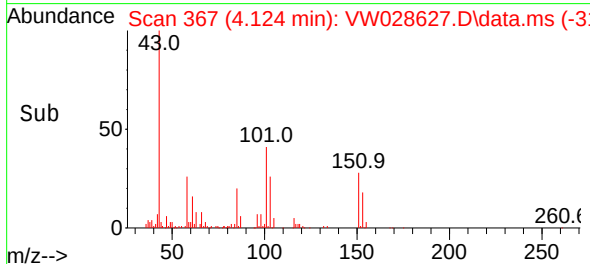
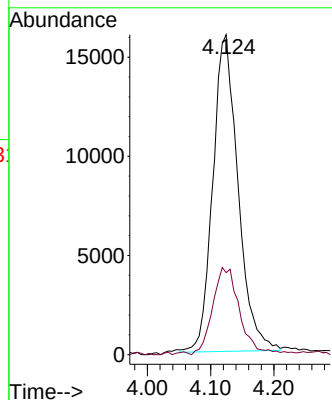
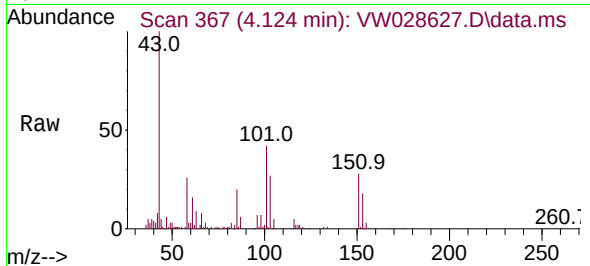




#13
Acetone
Concen: 33.776 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

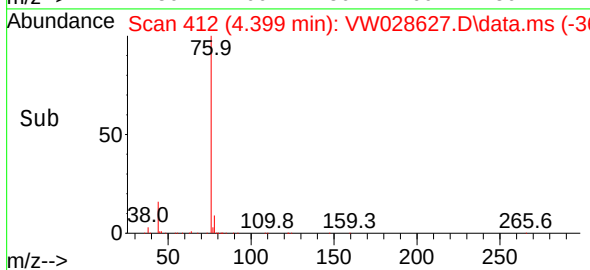
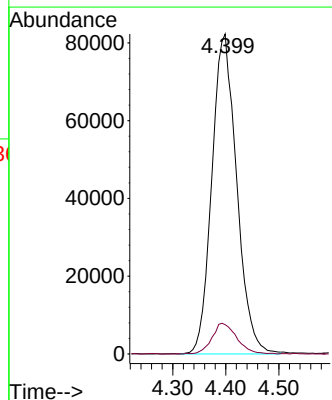
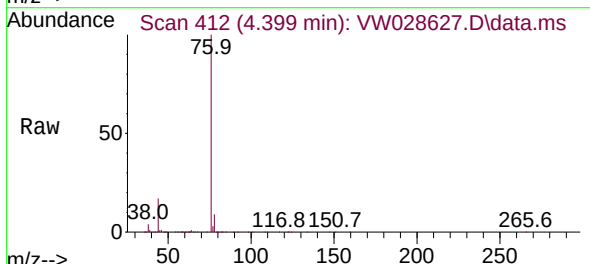
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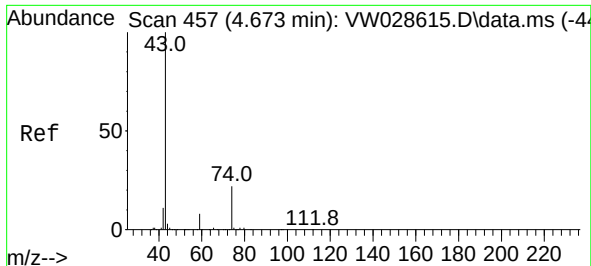
Tgt Ion: 43 Resp: 44210
Ion Ratio Lower Upper
43 100
58 28.7 0.0 54.4



#14
Carbon disulfide
Concen: 19.812 ug/L
RT: 4.399 min Scan# 412
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 76 Resp: 267629
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

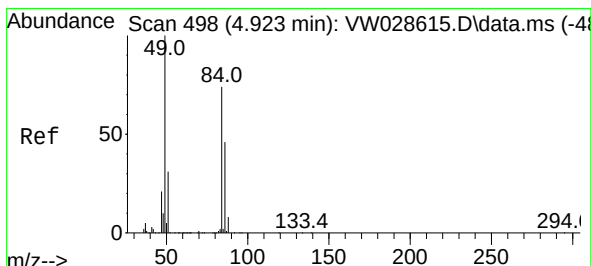
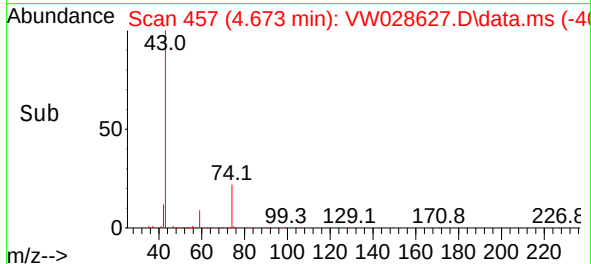
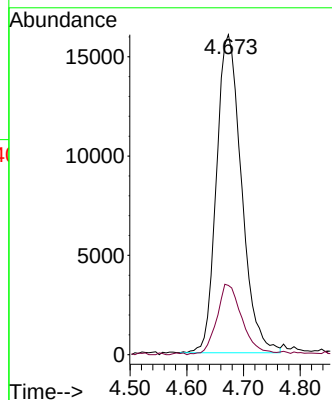
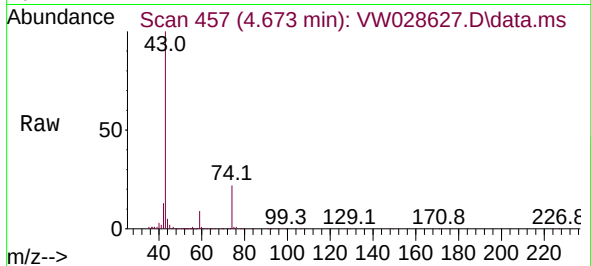




#15
Methyl Acetate
Concen: 21.551 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

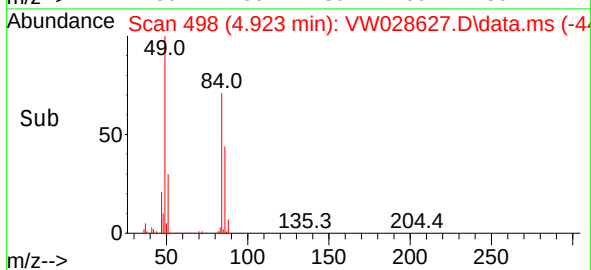
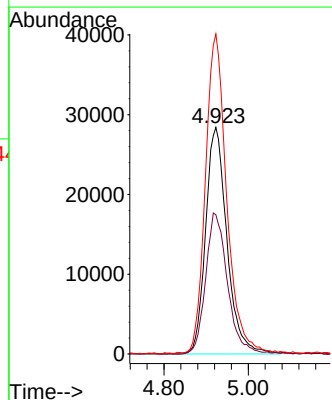
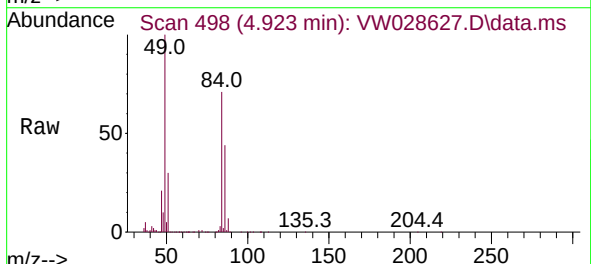
Instrument :
MSVOA_W
ClientSampleId :

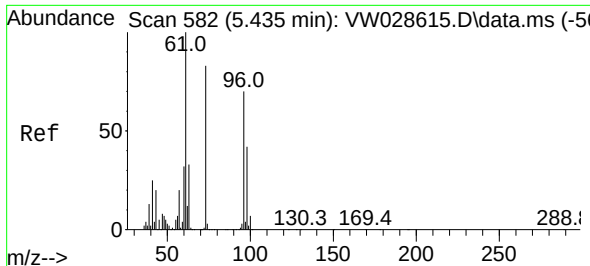
Tgt Ion: 43 Resp: 49077
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4



#16
Methylene chloride
Concen: 22.321 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 84 Resp: 100254
Ion Ratio Lower Upper
84 100
86 61.4 44.4 82.4
49 141.3 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 22.214 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

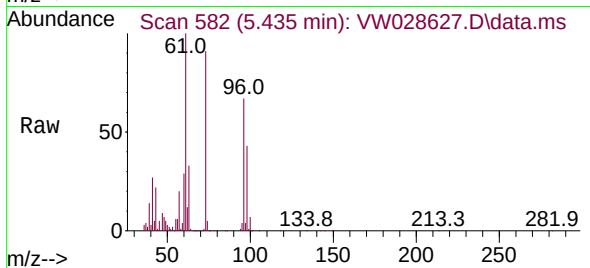
Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :



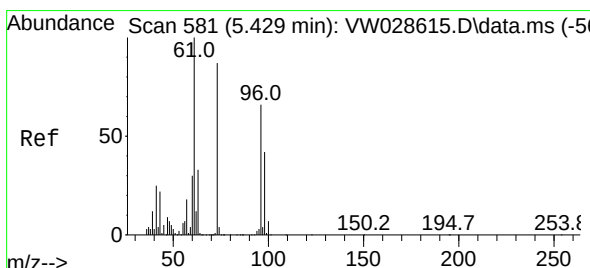
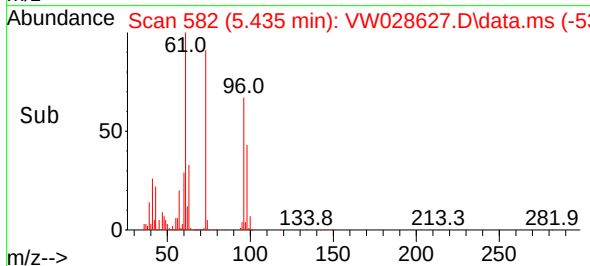
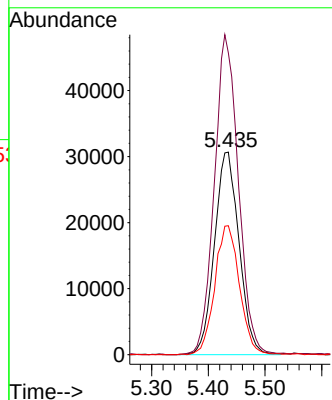
Tgt Ion: 96 Resp: 92436

Ion Ratio Lower Upper

96 100

61 149.0 109.0 202.4

98 63.7 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 24.328 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

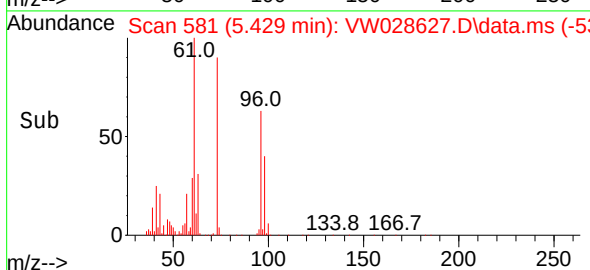
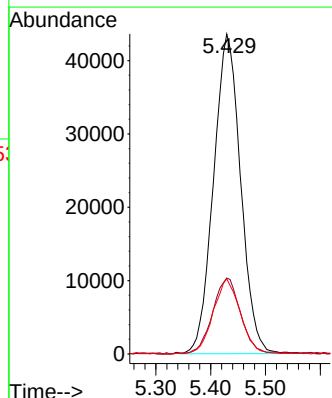
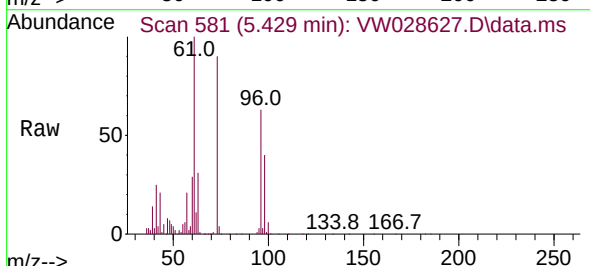
Tgt Ion: 73 Resp: 149391

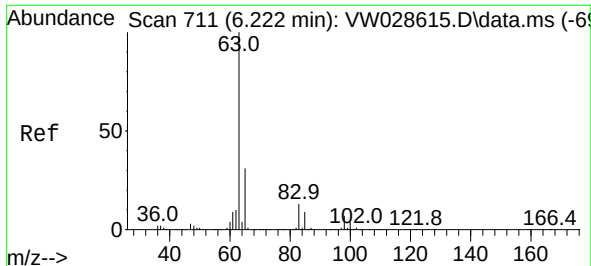
Ion Ratio Lower Upper

73 100

43 24.0 19.2 28.8

57 23.6 18.5 27.7

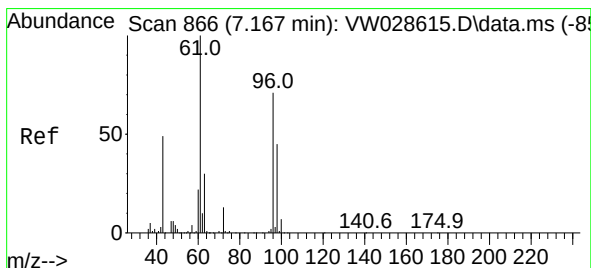
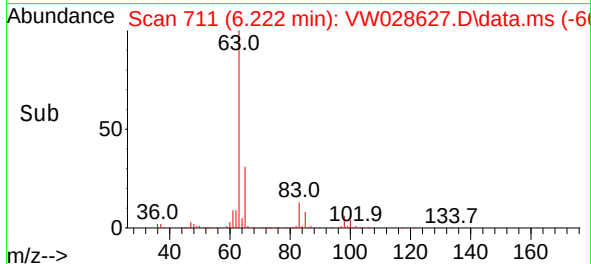
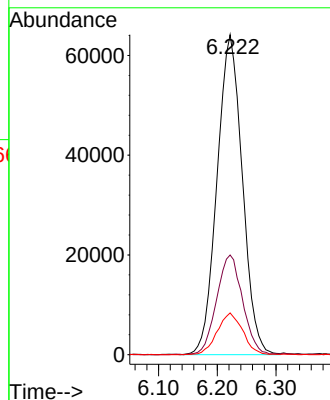
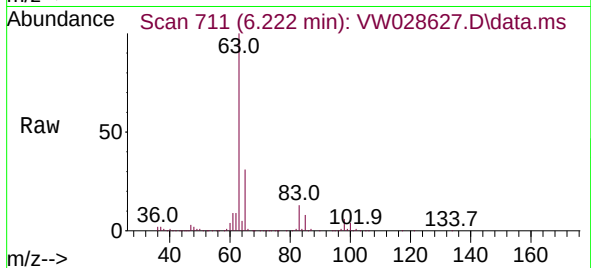




#19
1,1-Dichloroethane
Concen: 23.258 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

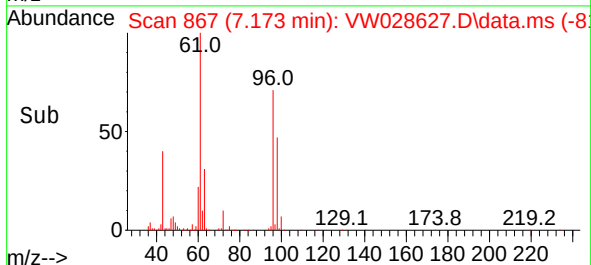
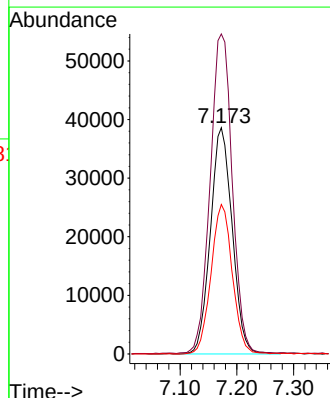
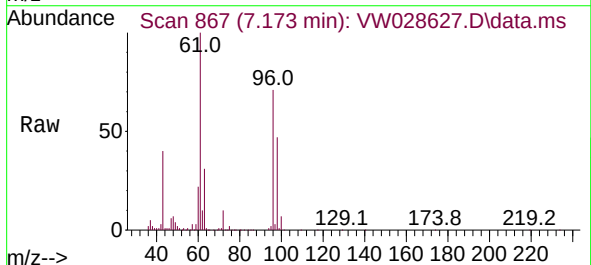
Instrument :
MSVOA_W
ClientSampleId :

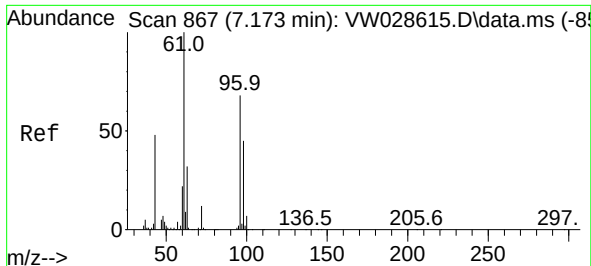
Tgt Ion: 63 Resp: 191919
Ion Ratio Lower Upper
63 100
65 31.2 22.9 42.5
83 13.1 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.658 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 96 Resp: 103028
Ion Ratio Lower Upper
96 100
61 141.4 102.8 191.0
98 66.0 44.3 82.3





#22

2-Butanone

Concen: 37.233 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

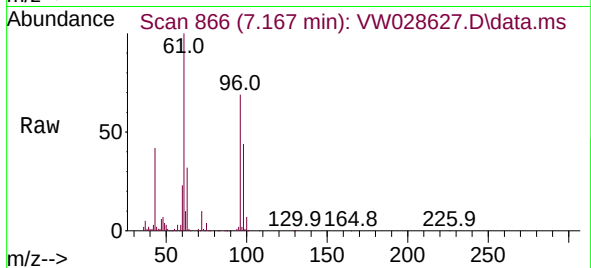
Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

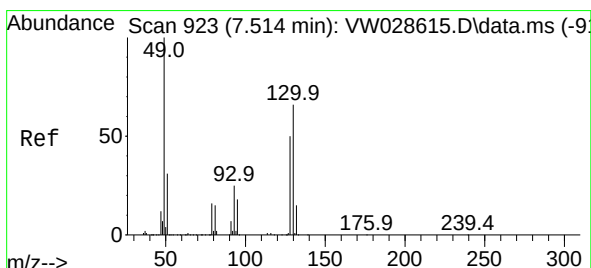
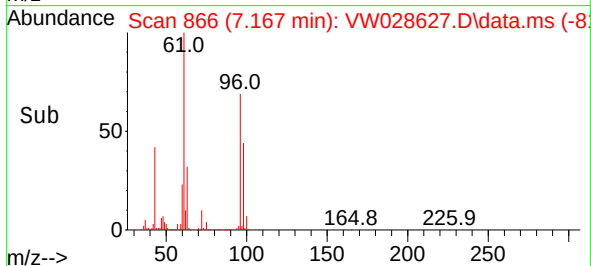
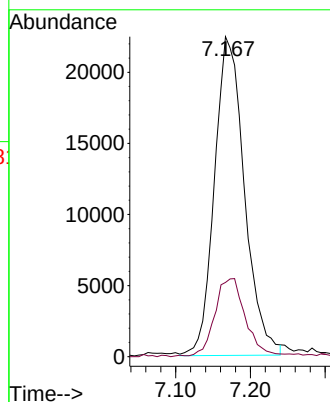


Tgt Ion: 43 Resp: 62552

Ion Ratio Lower Upper

43 100

72 24.7 12.2 36.6



#23

Bromochloromethane

Concen: 23.620 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Tgt Ion: 128 Resp: 44870

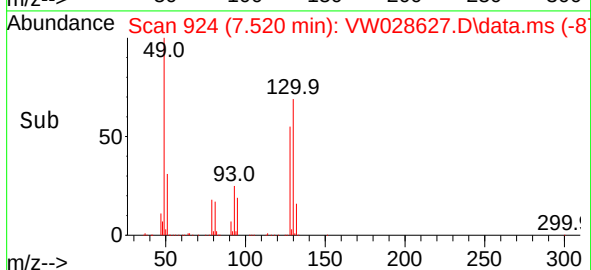
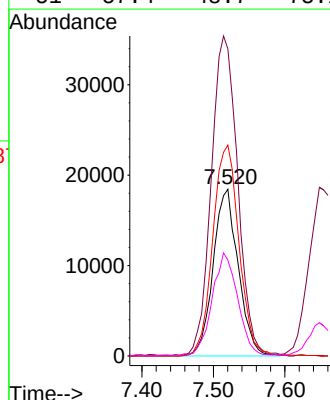
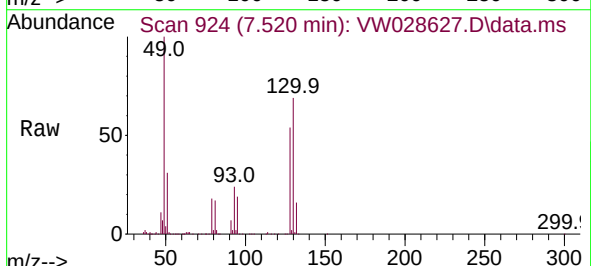
Ion Ratio Lower Upper

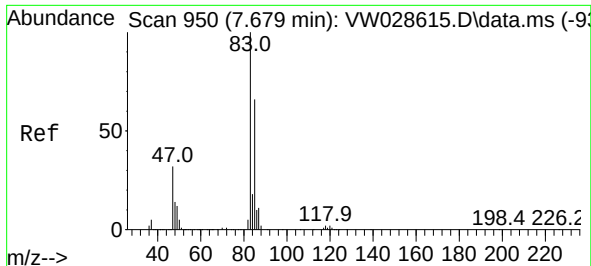
128 100

49 184.1 139.6 259.2

130 126.5 91.2 169.4

51 57.4 48.7 73.1





#25

Chloroform

Concen: 24.029 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

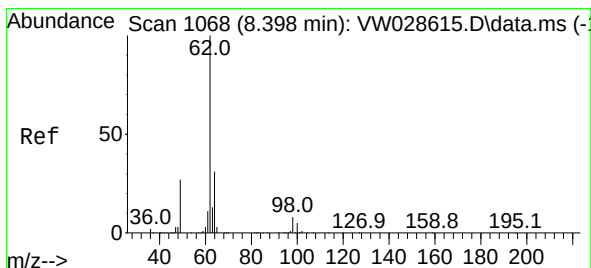
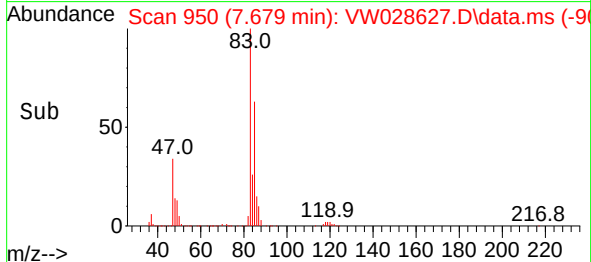
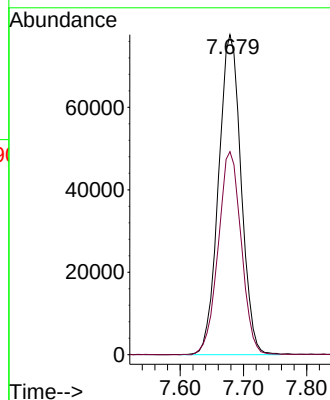
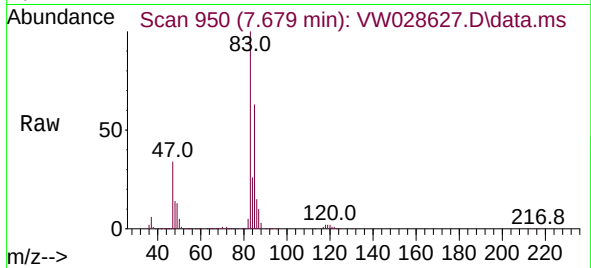
ClientSampleId :

Tgt Ion: 83 Resp: 191777

Ion Ratio Lower Upper

83 100

85 63.5 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.302 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028627.D

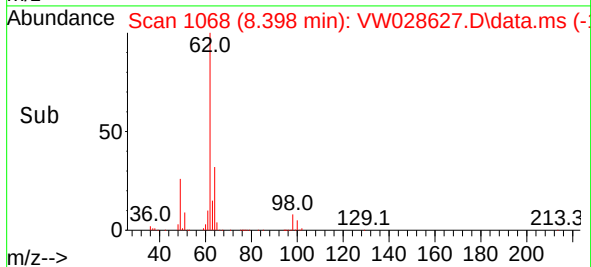
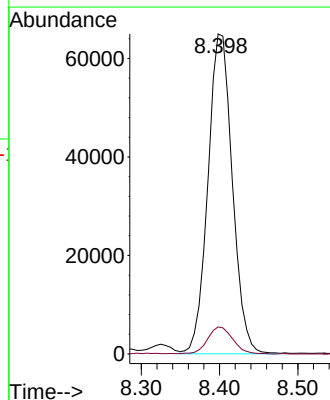
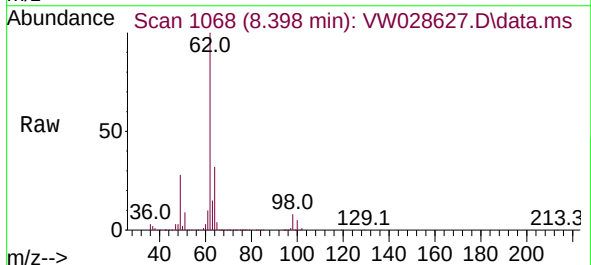
Acq: 16 May 2024 16:51

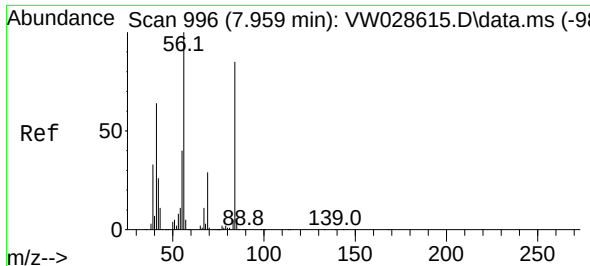
Tgt Ion: 62 Resp: 140993

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 20.016 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

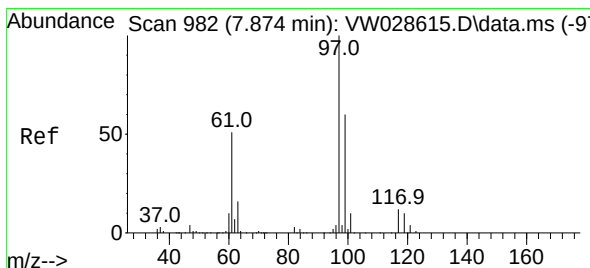
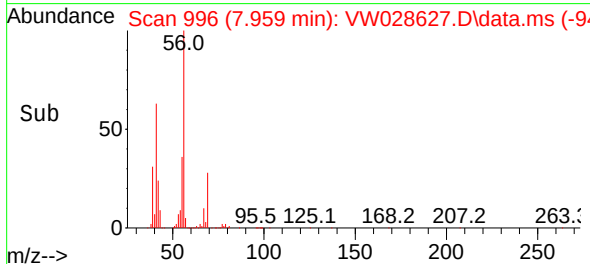
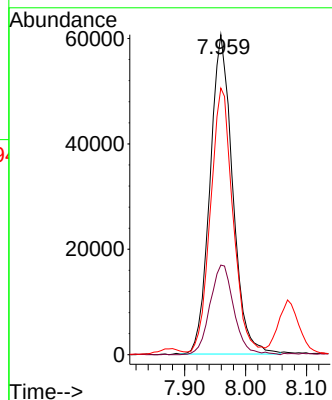
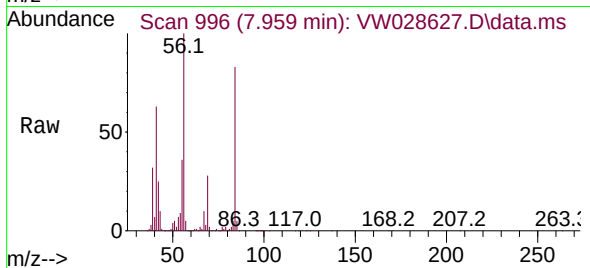
Tgt Ion: 56 Resp: 156645

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 83.1 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 21.433 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

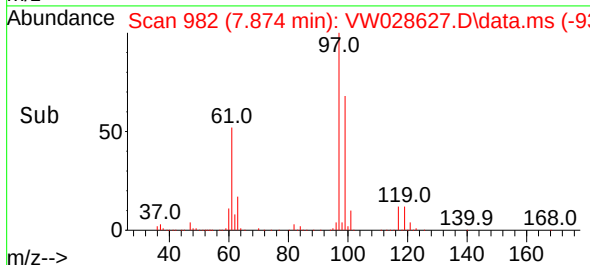
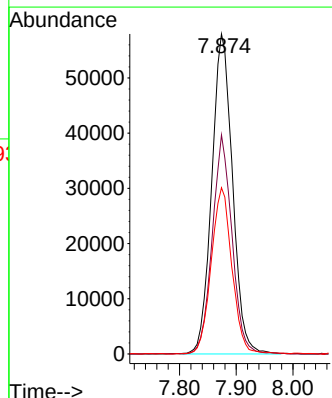
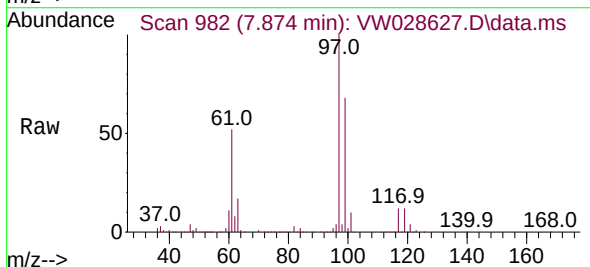
Tgt Ion: 97 Resp: 147417

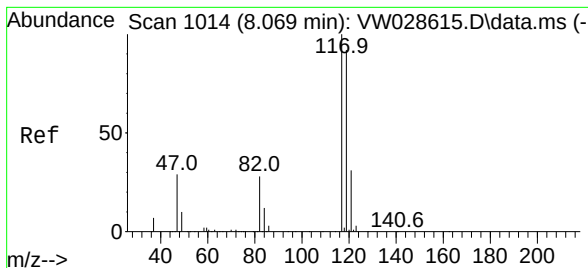
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 52.1 41.0 61.6





#31

Carbon tetrachloride

Concen: 20.966 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

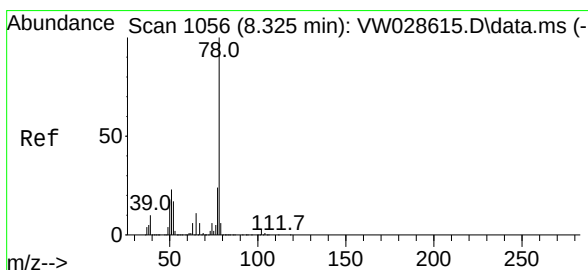
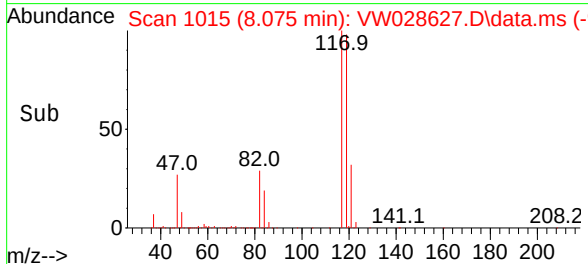
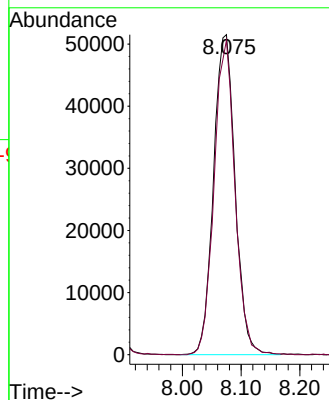
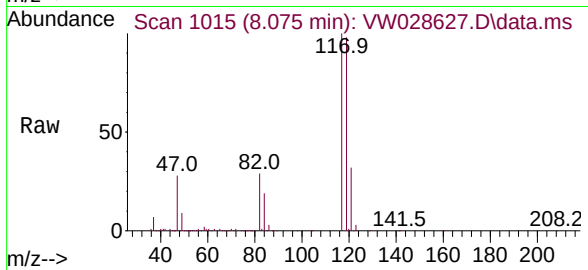
ClientSampleId :

Tgt Ion:117 Resp: 131477

Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8



#33

Benzene

Concen: 22.938 ug/L

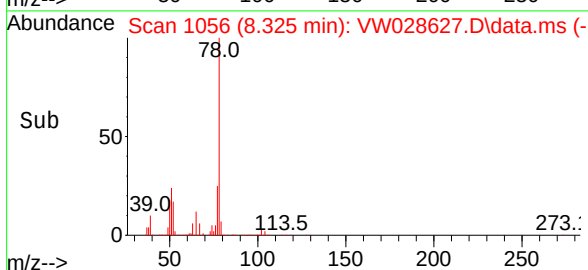
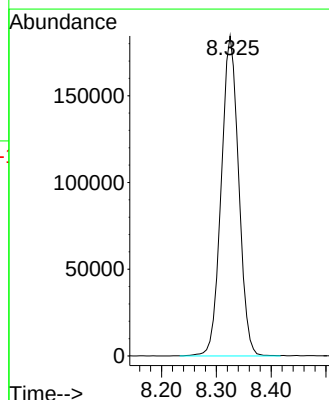
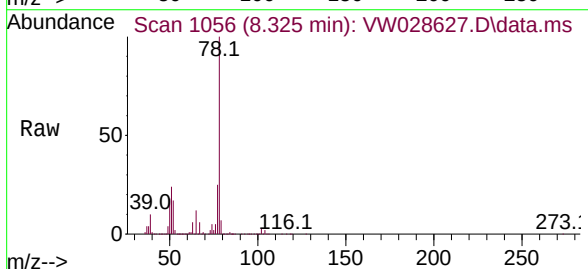
RT: 8.325 min Scan# 1056

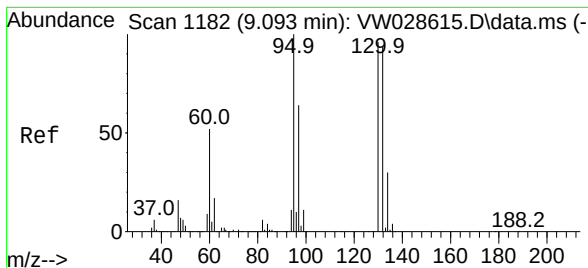
Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Tgt Ion: 78 Resp: 408262





#34

Trichloroethene

Concen: 21.646 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

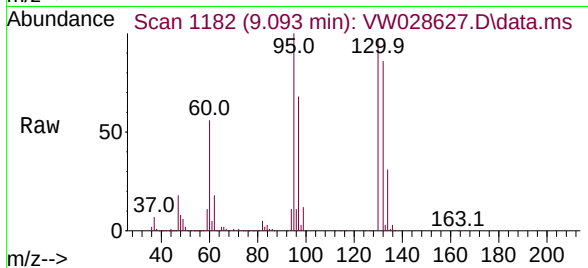
Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 103292

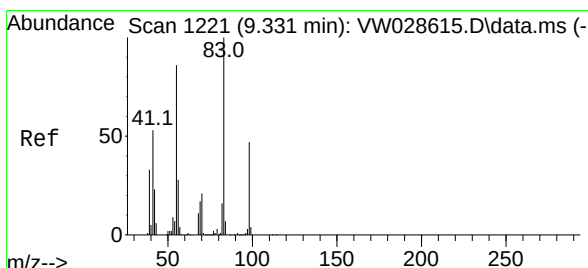
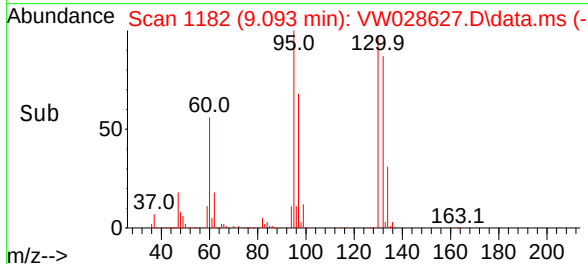
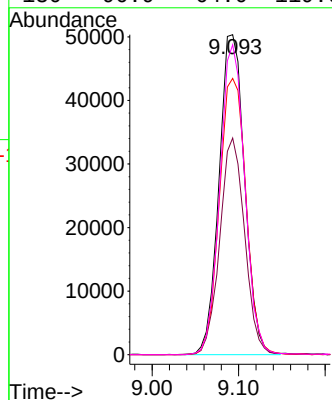
Ion Ratio Lower Upper

95 100

97 67.7 44.9 83.3

132 86.4 59.7 110.9

130 96.9 64.0 119.0



#35

Methylcyclohexane

Concen: 20.224 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

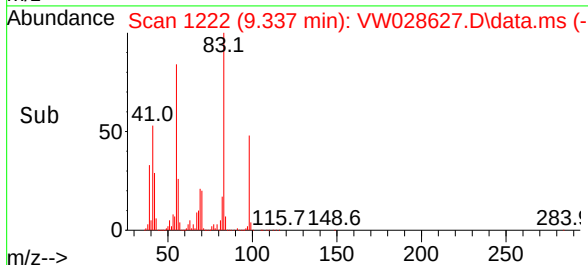
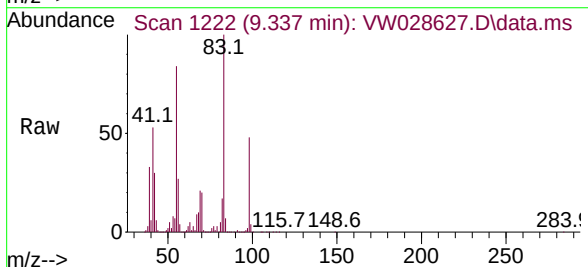
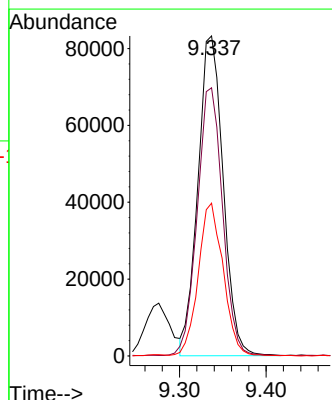
Tgt Ion: 83 Resp: 168657

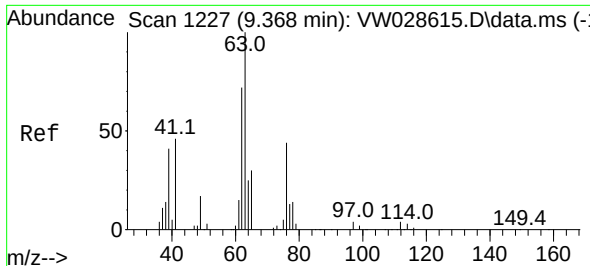
Ion Ratio Lower Upper

83 100

55 84.0 66.9 100.3

98 47.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 23.202 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

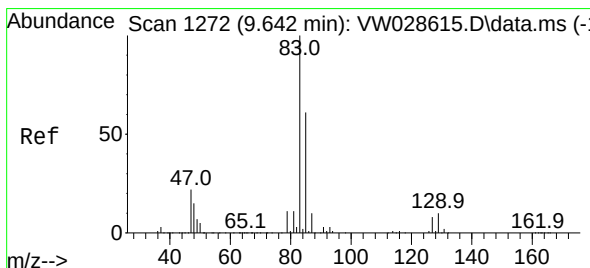
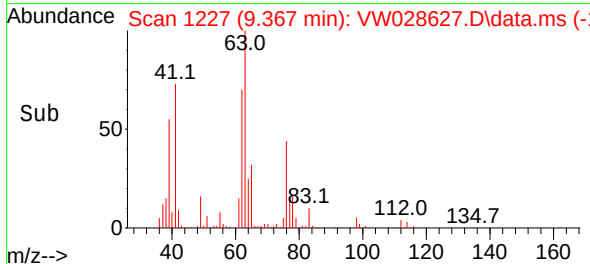
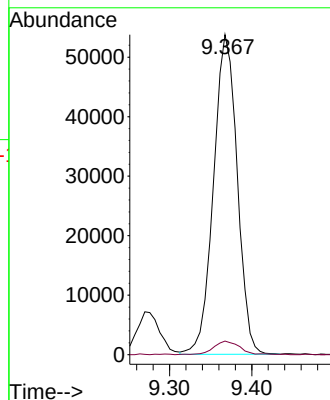
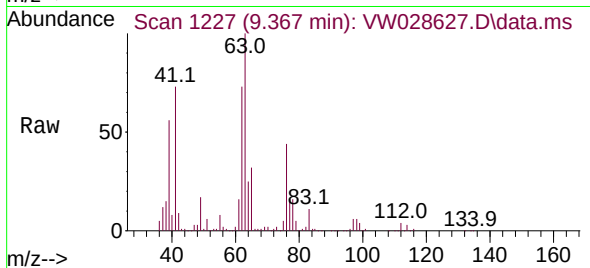
ClientSampleId :

Tgt Ion: 63 Resp: 107605

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 24.057 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

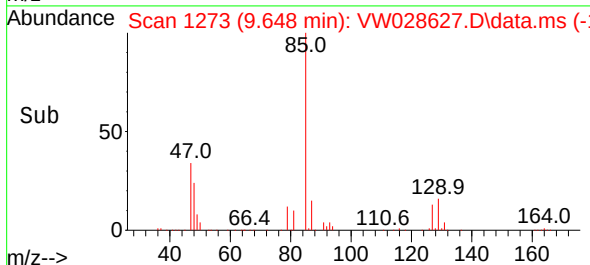
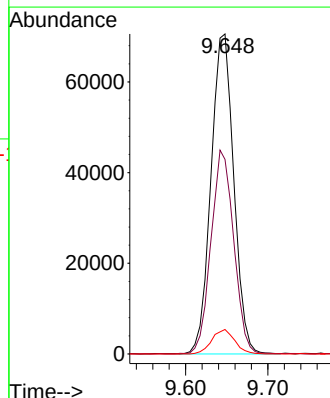
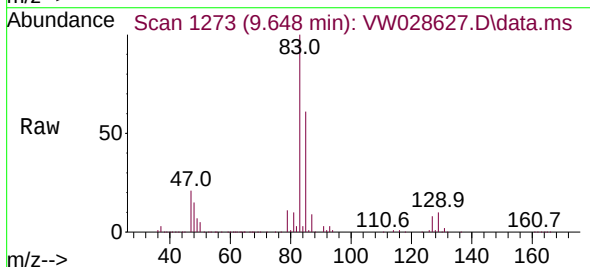
Tgt Ion: 83 Resp: 136006

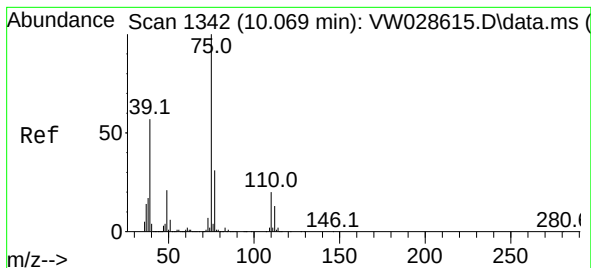
Ion Ratio Lower Upper

83 100

85 60.8 43.0 80.0

127 7.7 5.9 8.9

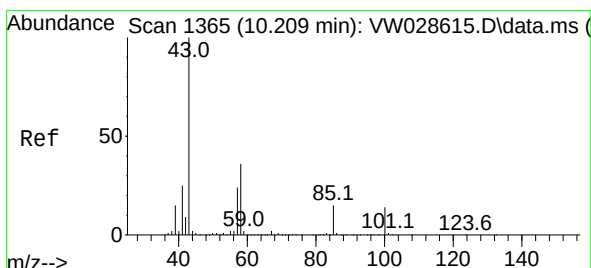
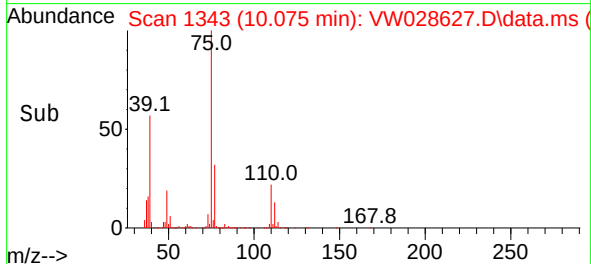
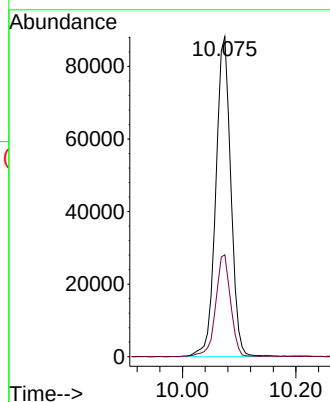
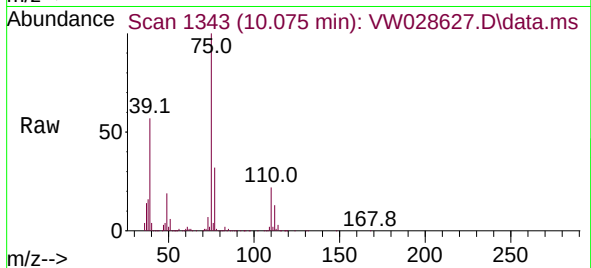




#39
cis-1,3-Dichloropropene
Concen: 24.450 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

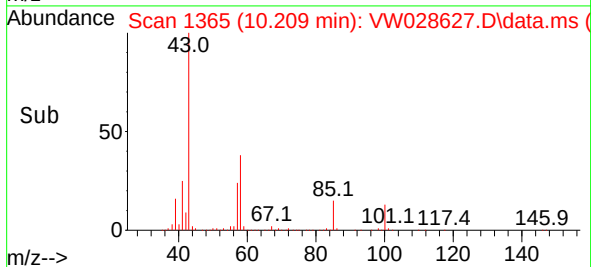
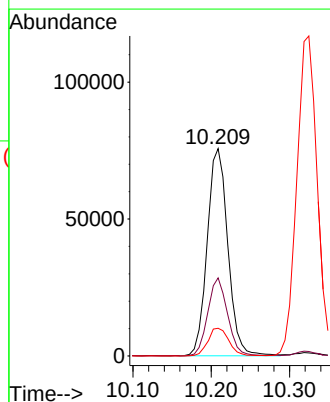
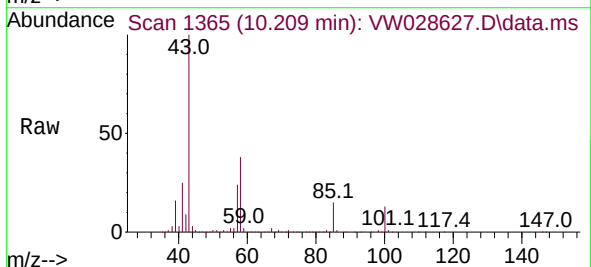
Instrument :
MSVOA_W
ClientSampleId :

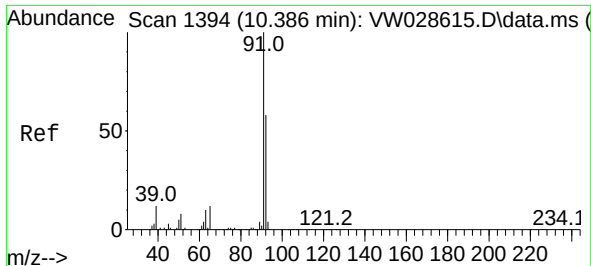
Tgt Ion: 75 Resp: 162530
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 43.869 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

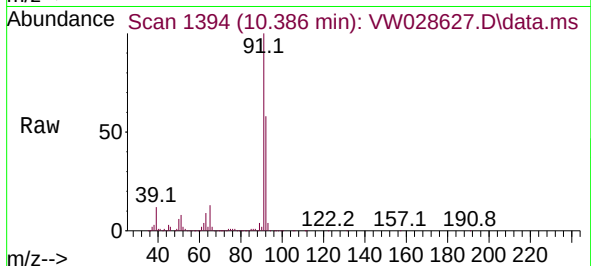
Tgt Ion: 43 Resp: 138472
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8
100 13.7 11.0 16.4



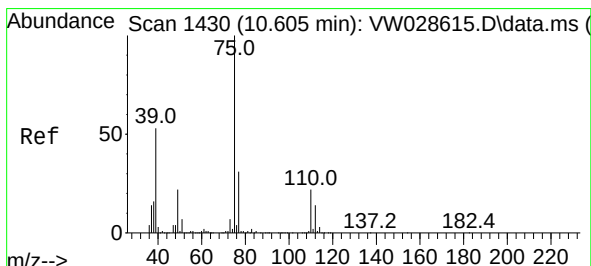
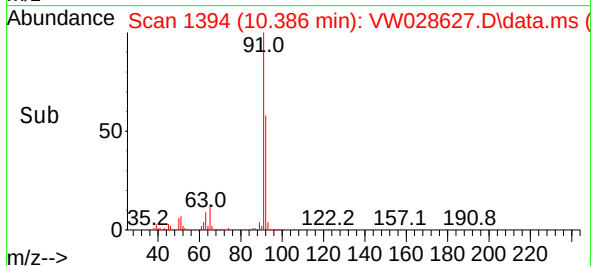
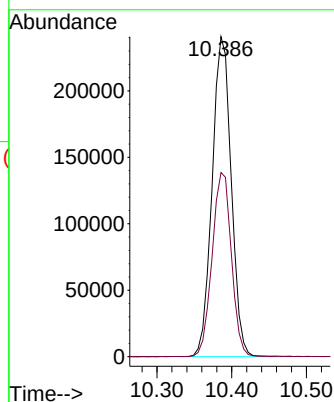


#42
Toluene
Concen: 23.230 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Instrument :
MSVOA_W
ClientSampleId :

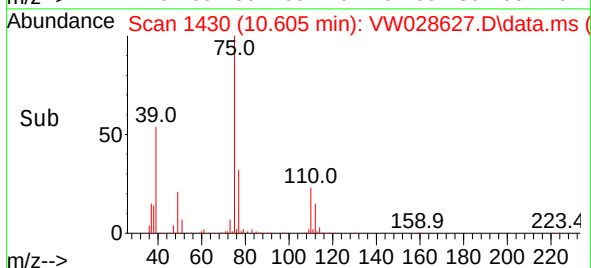
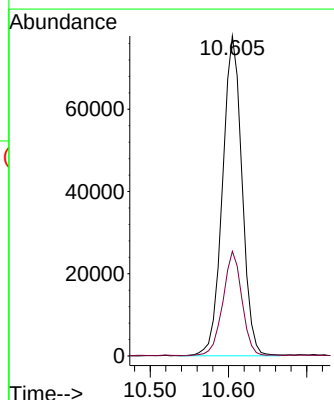
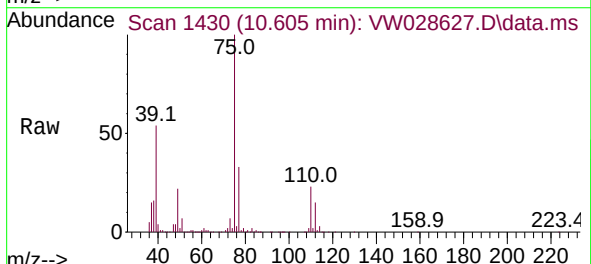


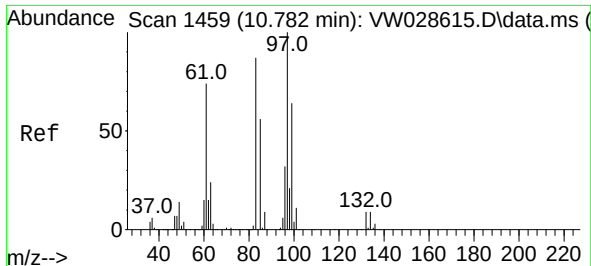
Tgt Ion: 91 Resp: 427039
Ion Ratio Lower Upper
91 100
92 57.5 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 24.022 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 75 Resp: 134635
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.9

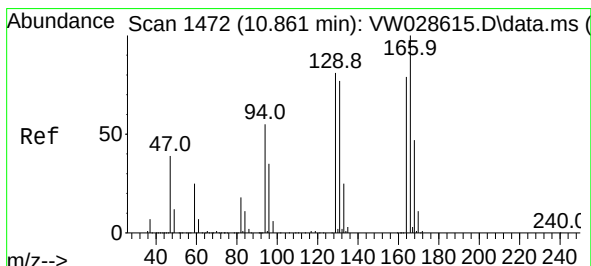
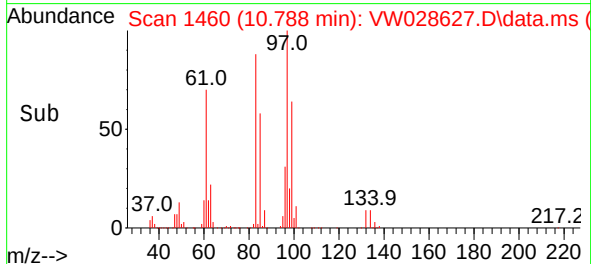
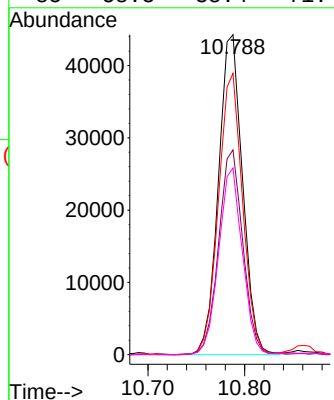
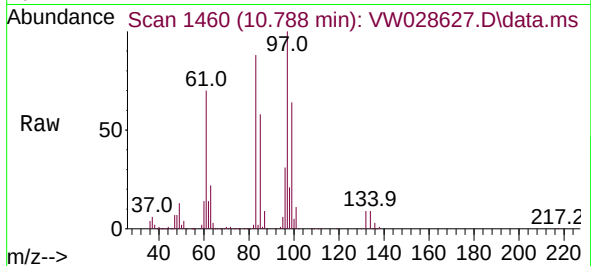




#45
1,1,2-Trichloroethane
Concen: 22.822 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

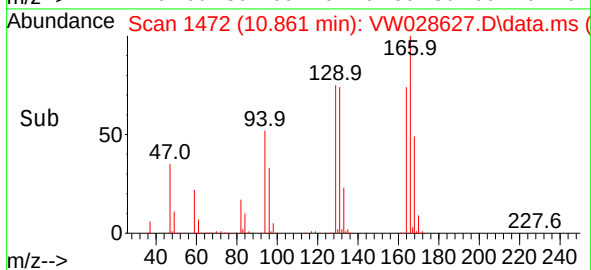
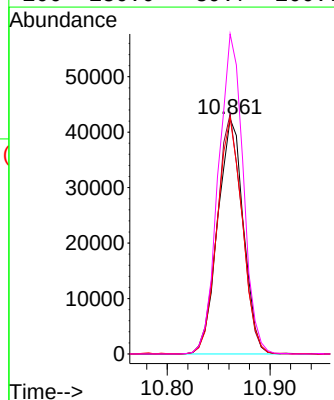
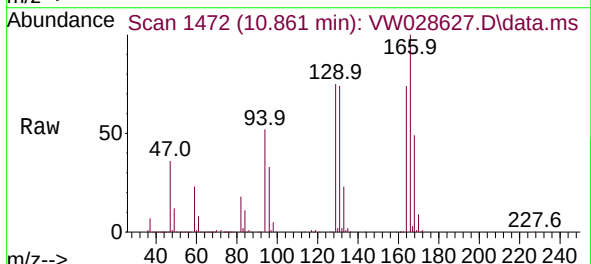
Instrument :
MSVOA_W
ClientSampleId :

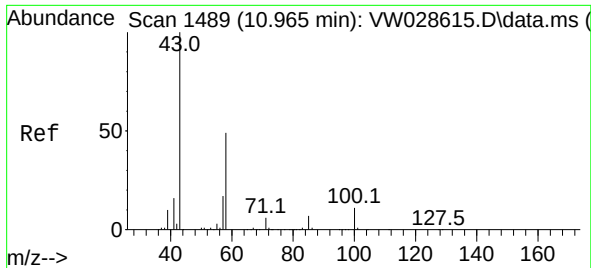
Tgt Ion: 97 Resp: 76675
Ion Ratio Lower Upper
97 100
99 64.0 41.9 77.9
83 88.0 62.1 115.3
85 58.3 38.4 71.4



#46
Tetrachloroethene
Concen: 21.374 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:164 Resp: 73486
Ion Ratio Lower Upper
164 100
129 102.0 69.2 128.6
131 100.4 67.7 125.7
166 136.0 89.7 166.7

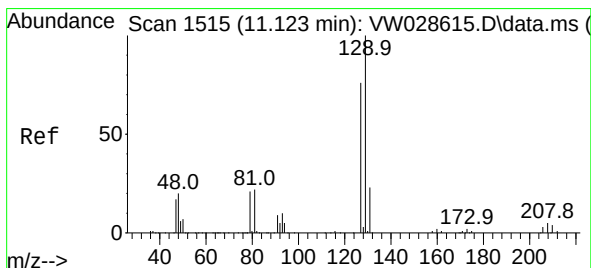
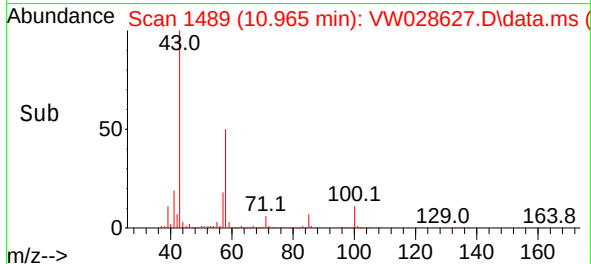
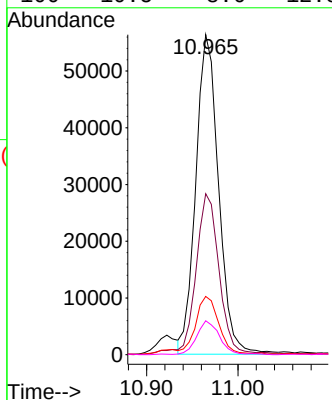
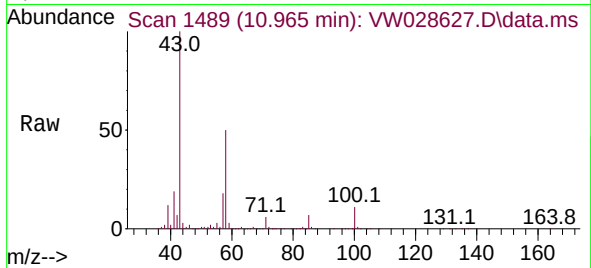




#48
2-Hexanone
Concen: 43.829 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

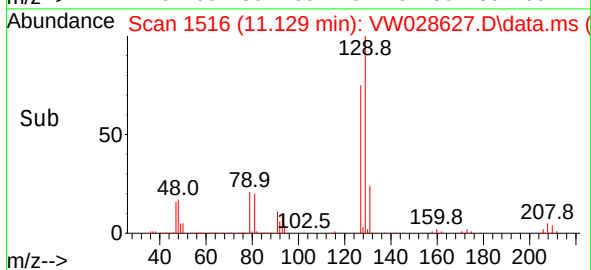
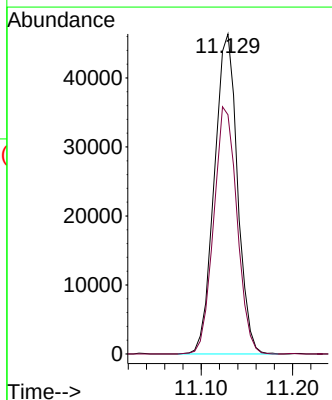
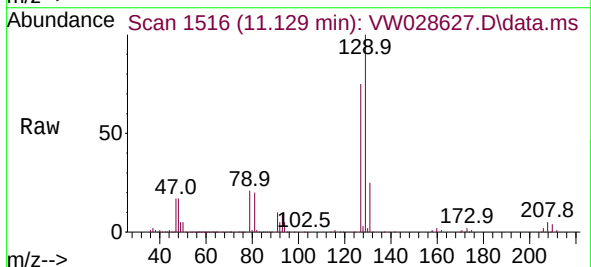
Instrument :
MSVOA_W
ClientSampleId :

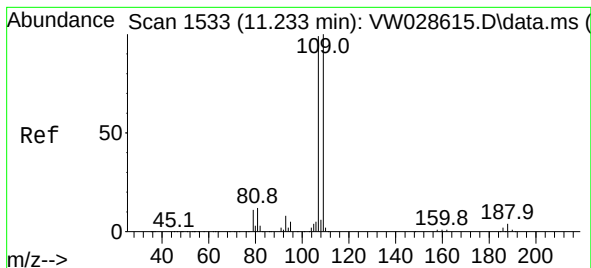
Tgt Ion: 43	Resp: 97671
Ion Ratio	Lower Upper
43 100	
58 51.5	41.0 61.4
57 18.5	14.8 22.2
100 10.5	8.6 12.8



#49
Dibromochloromethane
Concen: 24.212 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:129	Resp:	81591	
Ion	Ratio	Lower	Upper
129	100		
127	74.7	54.3	100.8

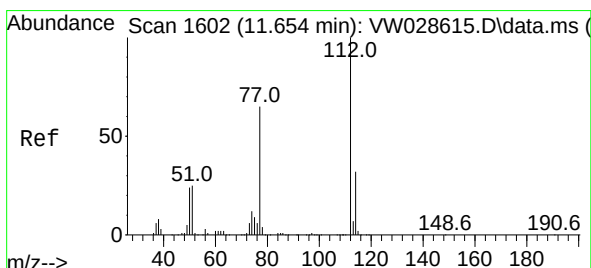
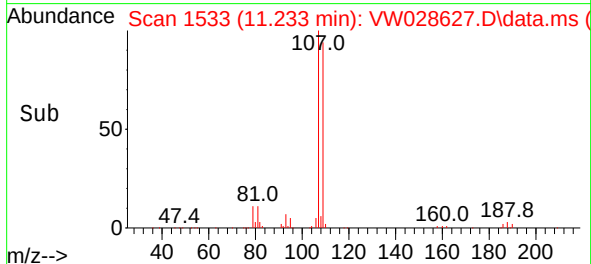
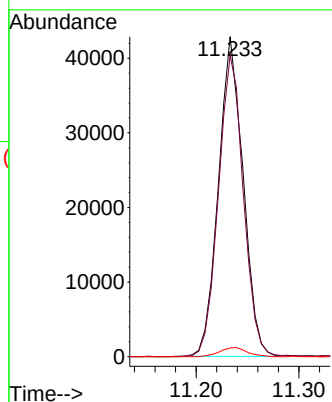
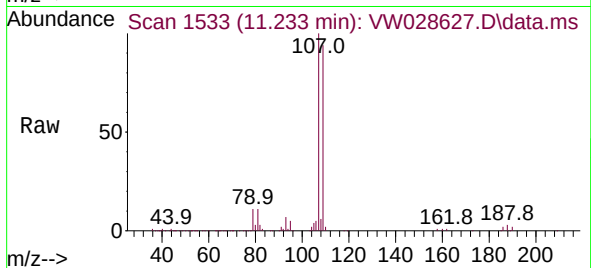




#50
1,2-Dibromoethane
Concen: 22.630 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

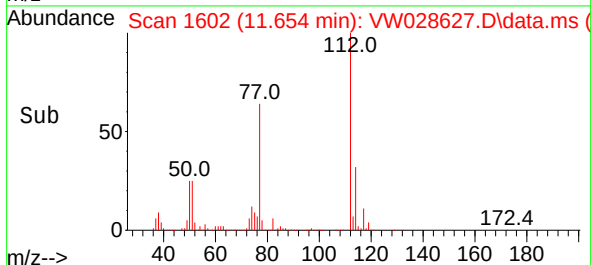
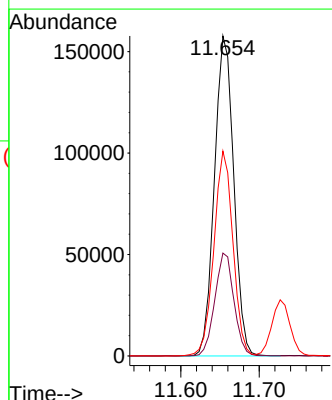
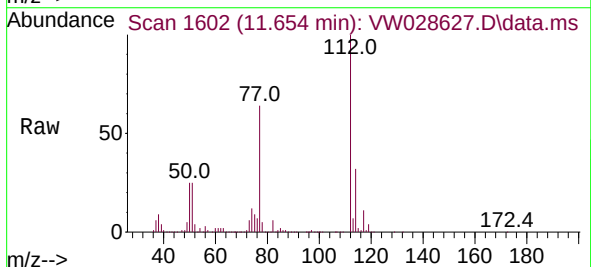
Instrument :
MSVOA_W
ClientSampleId :

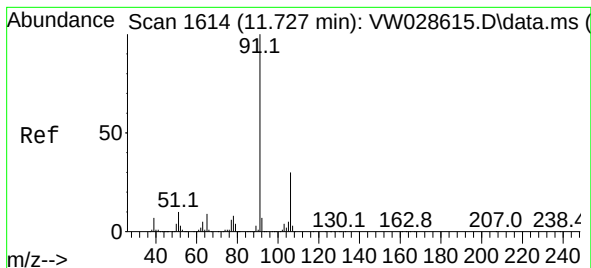
Tgt Ion:107 Resp: 71221
Ion Ratio Lower Upper
107 100
109 94.2 64.2 119.2
188 2.7 3.1 4.7#



#51
Chlorobenzene
Concen: 23.783 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:112 Resp: 270445
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 64.0 50.8 76.2

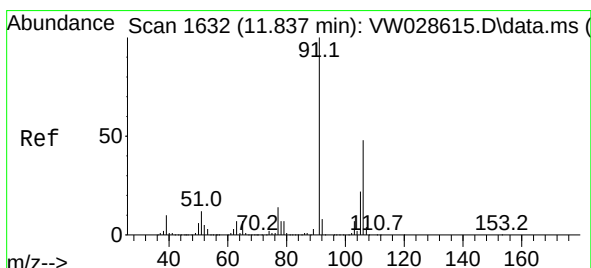
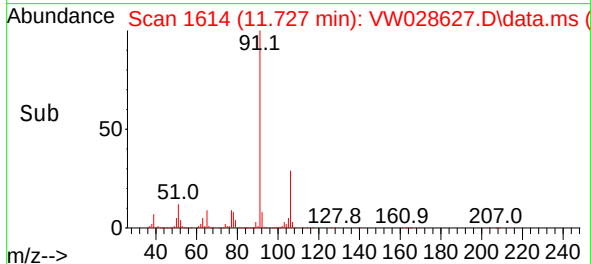
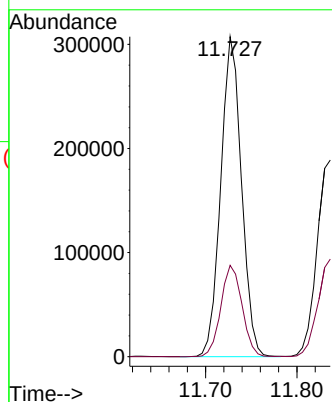
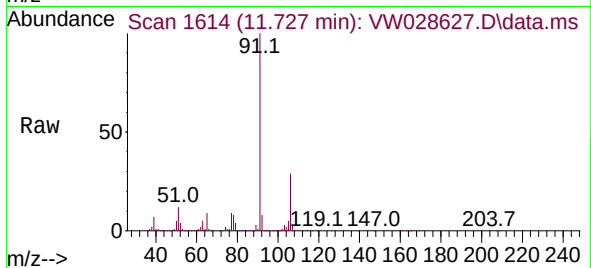




#52
Ethylbenzene
Concen: 23.306 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

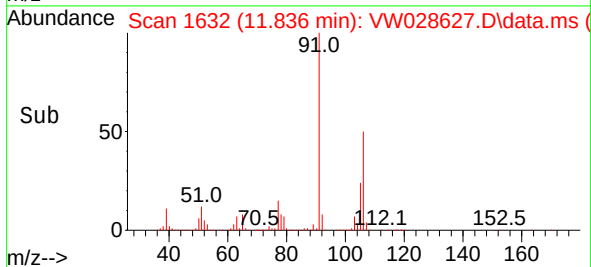
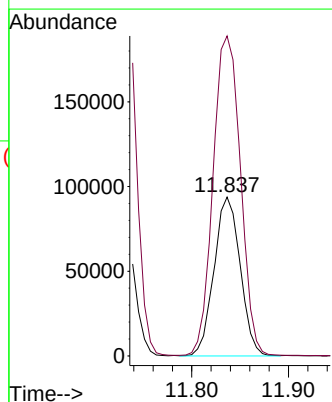
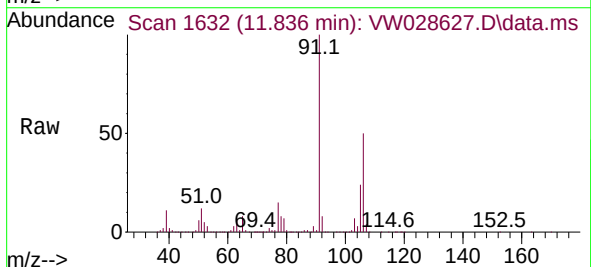
Instrument :
MSVOA_W
ClientSampleId :

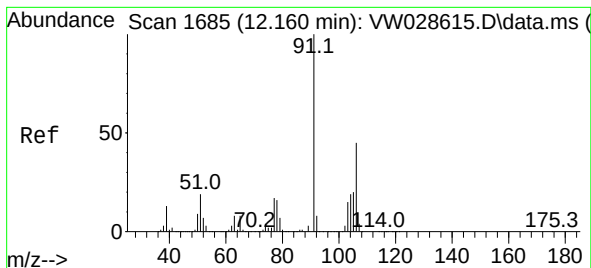
Tgt Ion: 91 Resp: 484848
Ion Ratio Lower Upper
91 100
106 28.5 22.7 42.1



#53
m,p-Xylene
Concen: 23.101 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:106 Resp: 176163
Ion Ratio Lower Upper
106 100
91 201.5 146.6 272.2





#54

o-Xylene

Concen: 24.244 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

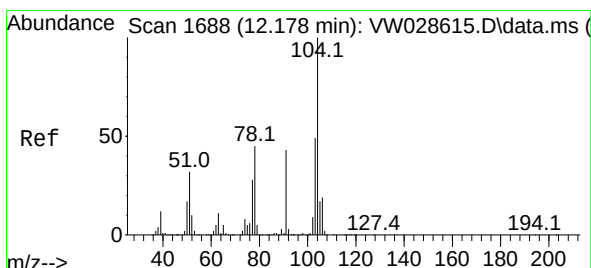
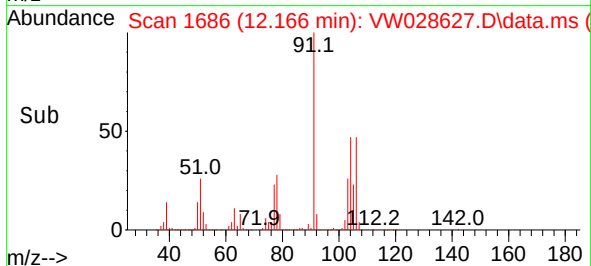
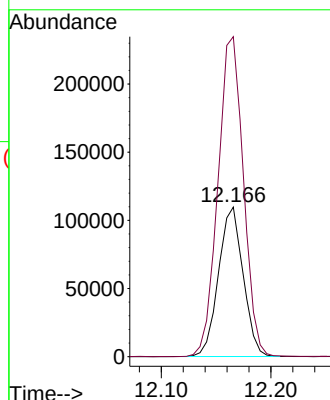
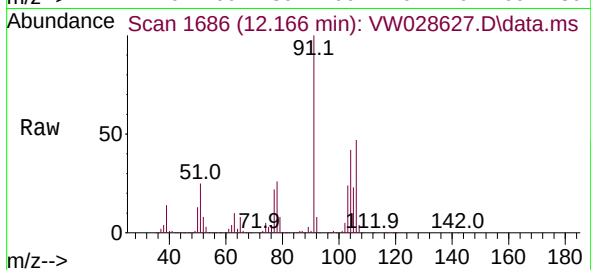
ClientSampleId :

Tgt Ion:106 Resp: 171034

Ion Ratio Lower Upper

106 100

91 213.8 154.3 286.5



#55

Styrene

Concen: 25.814 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028627.D

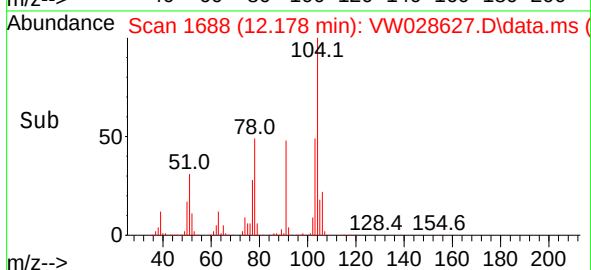
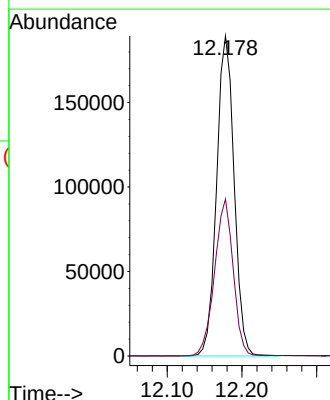
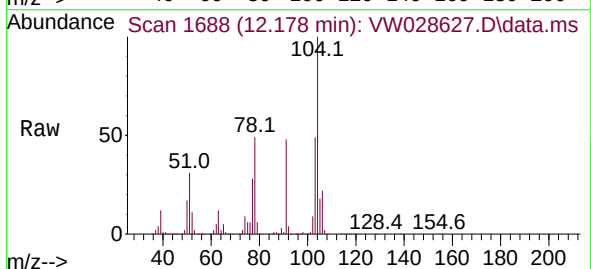
Acq: 16 May 2024 16:51

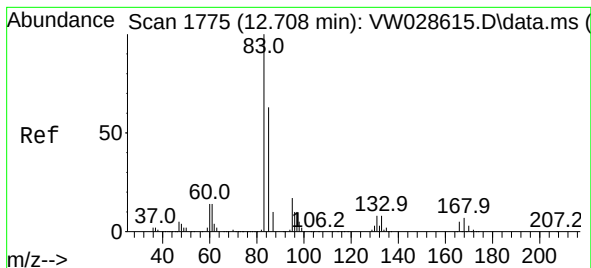
Tgt Ion:104 Resp: 308574

Ion Ratio Lower Upper

104 100

78 49.0 34.1 63.3

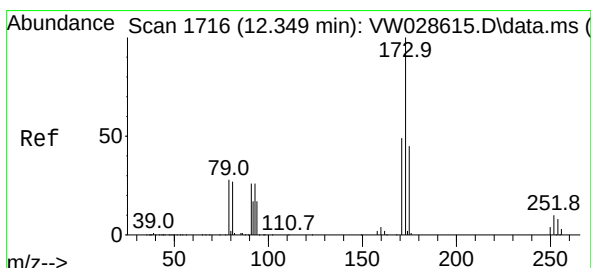
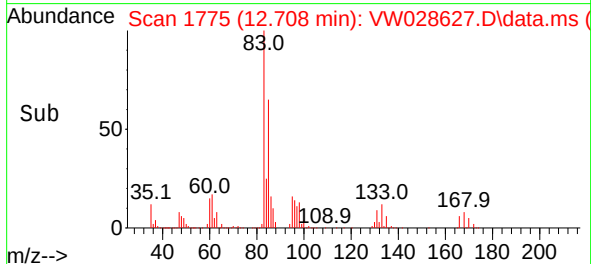
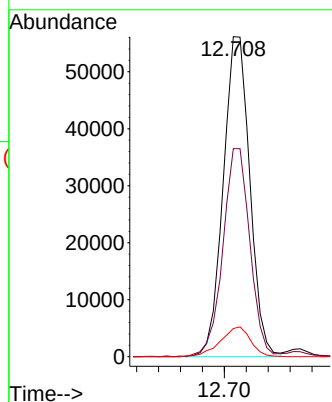
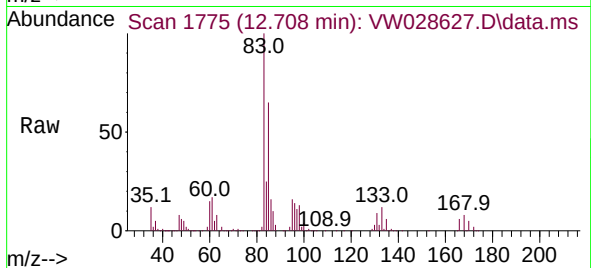




#57
1,1,2,2-Tetrachloroethane
Concen: 22.443 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

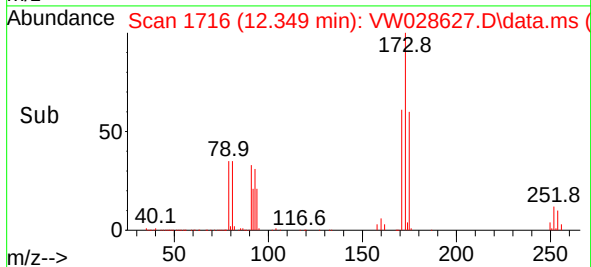
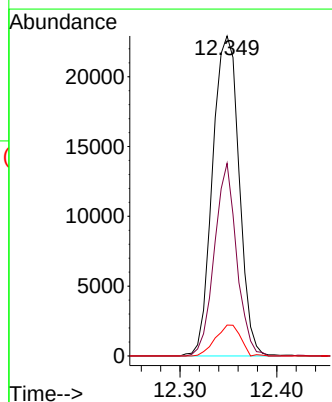
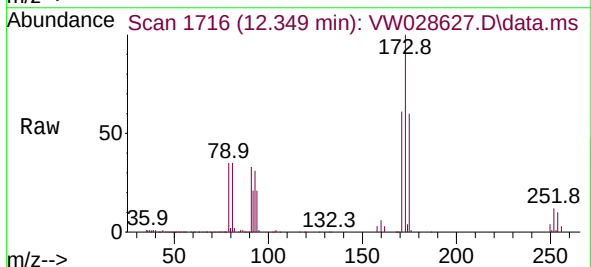
Instrument :
MSVOA_W
ClientSampleId :

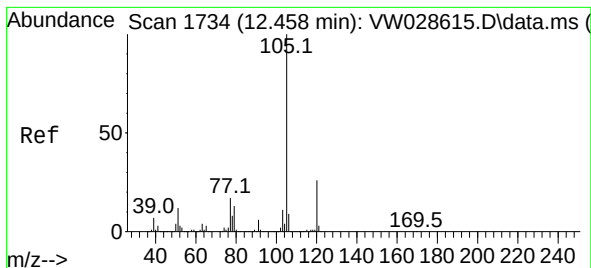
Tgt Ion: 83 Resp: 94598
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6
131 8.8 7.3 10.9



#59
Bromoform
Concen: 21.790 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion: 173 Resp: 43653
Ion Ratio Lower Upper
173 100
175 50.5 39.8 59.8
254 9.0 7.1 10.7





#60

Isopropylbenzene

Concen: 22.625 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

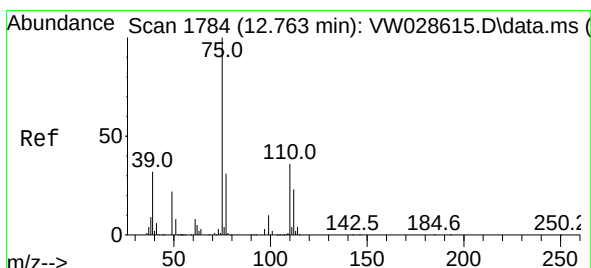
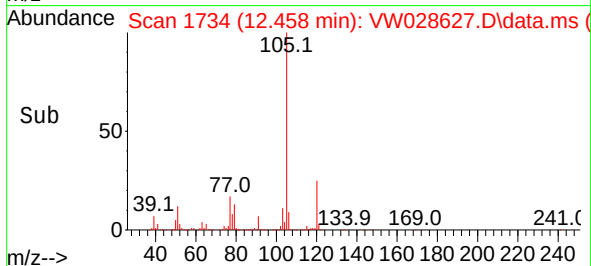
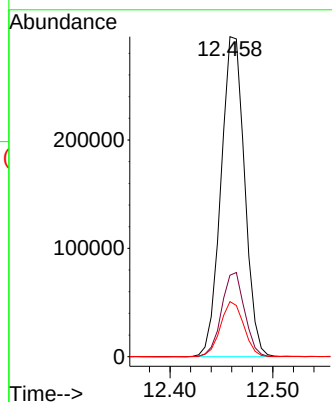
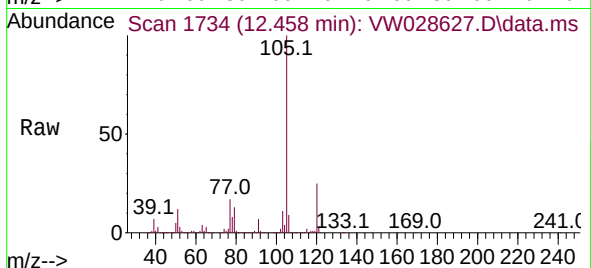
Tgt Ion:105 Resp: 471362

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 20.929 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

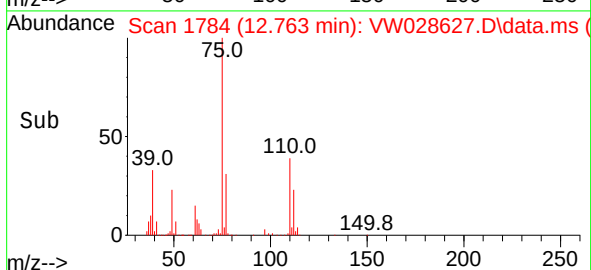
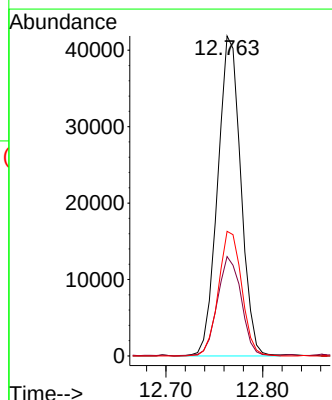
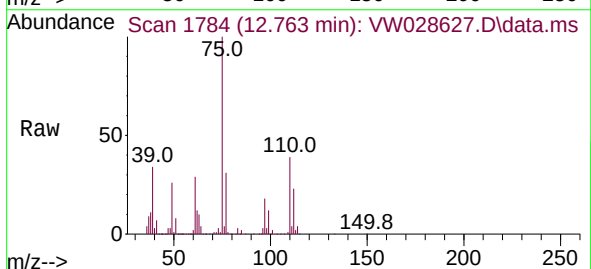
Tgt Ion: 75 Resp: 69455

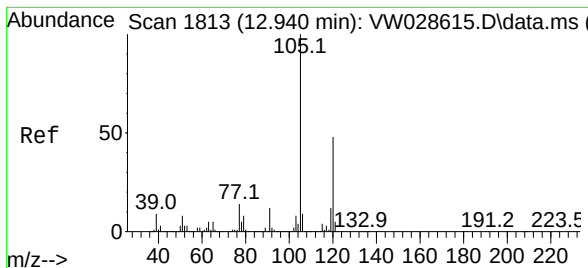
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

110 39.2 30.6 45.8

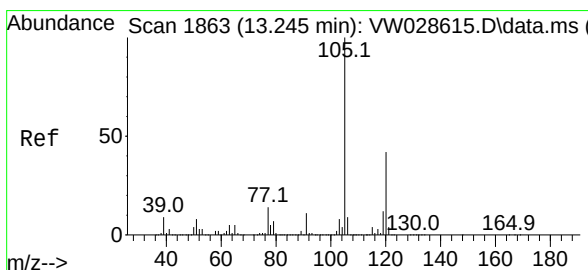
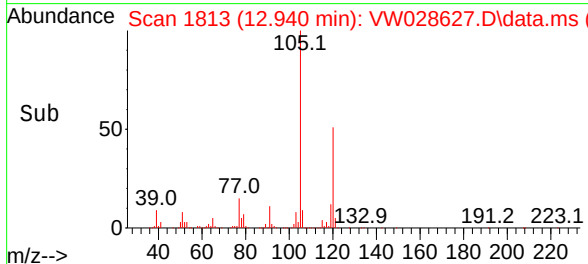
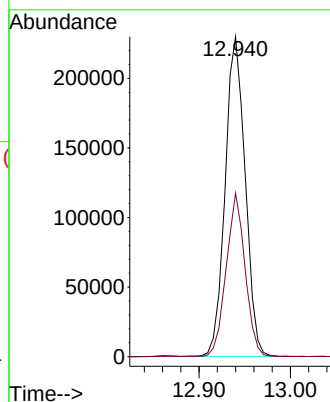
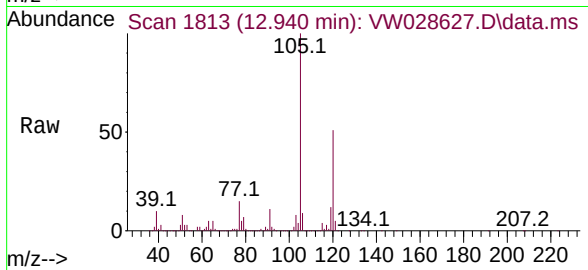




#62
1,3,5-Trimethylbenzene
Concen: 23.700 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

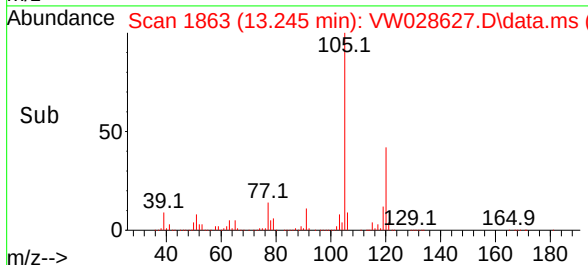
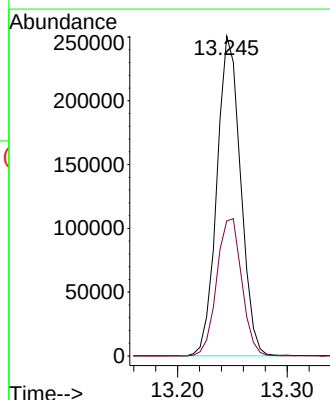
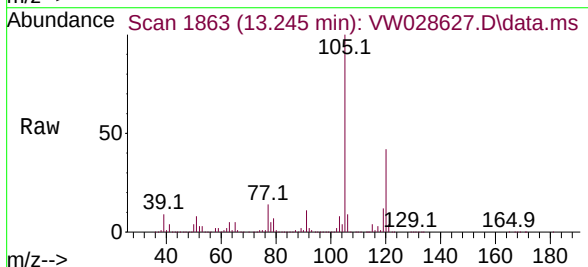
Instrument :
MSVOA_W
ClientSampleId :

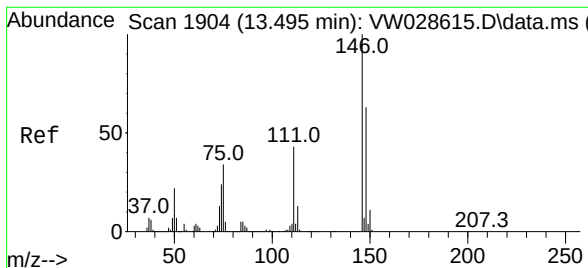
Tgt Ion:105 Resp: 349342
Ion Ratio Lower Upper
105 100
120 48.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.747 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028627.D
Acq: 16 May 2024 16:51

Tgt Ion:105 Resp: 377144
Ion Ratio Lower Upper
105 100
120 45.2 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 23.353 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

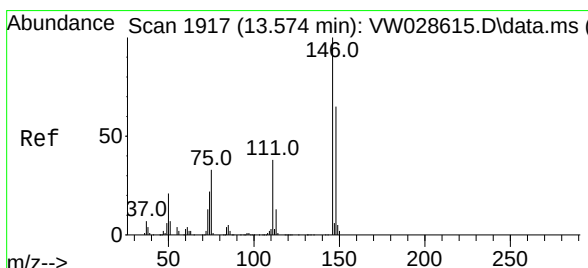
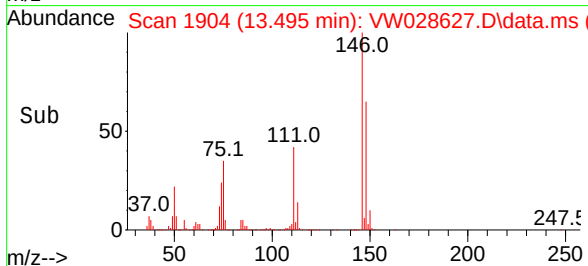
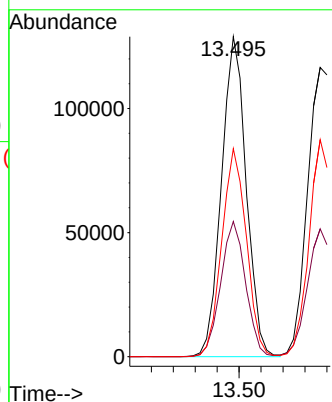
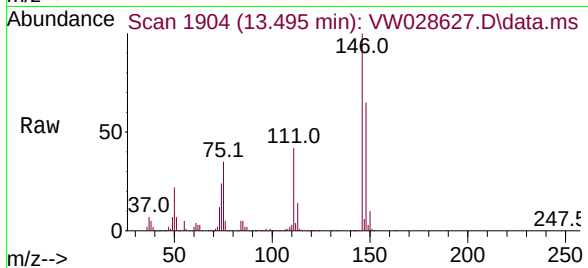
Tgt Ion:146 Resp: 202391

Ion Ratio Lower Upper

146 100

111 42.2 30.7 57.1

148 65.0 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 22.369 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

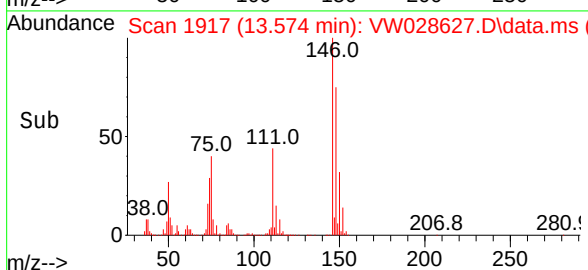
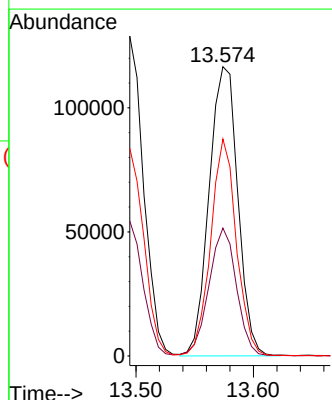
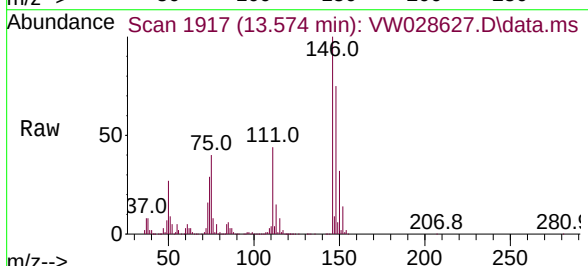
Tgt Ion:146 Resp: 198202

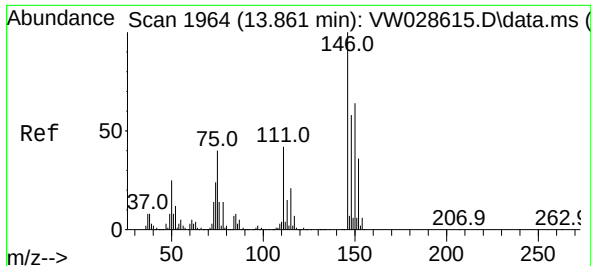
Ion Ratio Lower Upper

146 100

111 44.2 29.1 54.1

148 75.0 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 23.801 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

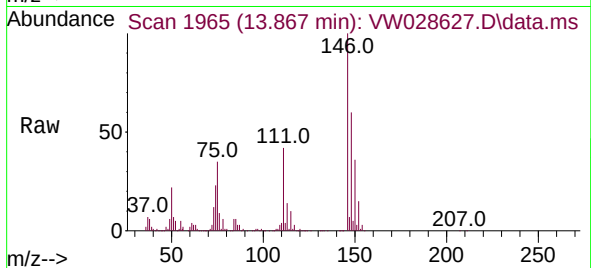
Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :



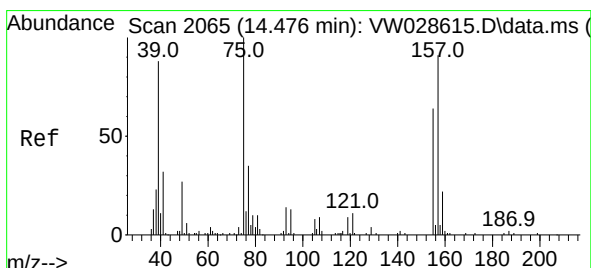
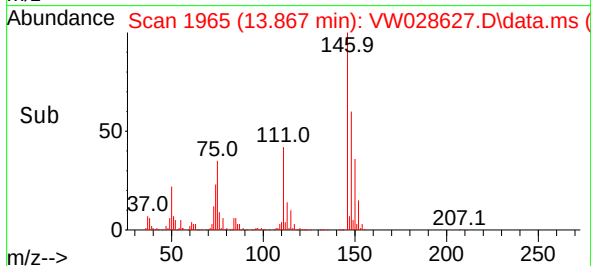
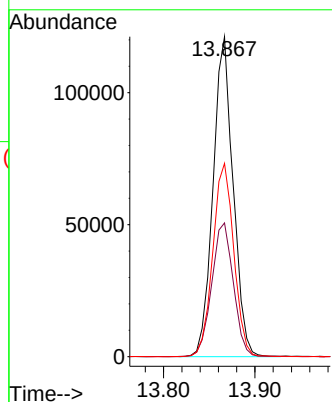
Tgt Ion:146 Resp: 184622

Ion Ratio Lower Upper

146 100

111 41.8 34.7 52.1

148 60.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.471 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

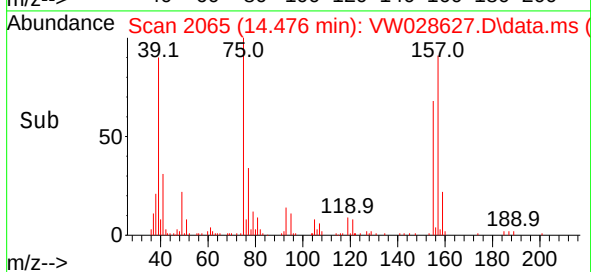
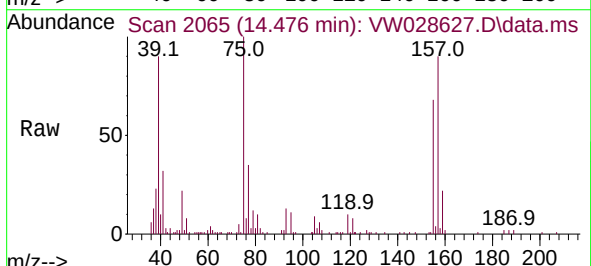
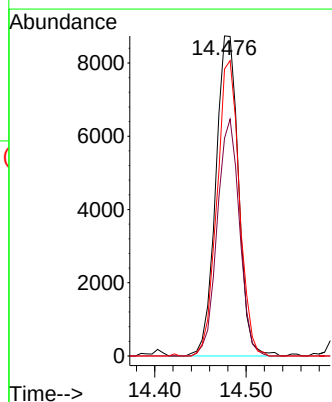
Tgt Ion: 75 Resp: 15108

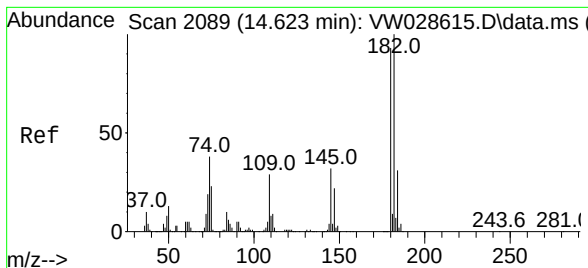
Ion Ratio Lower Upper

75 100

155 68.1 55.1 82.7

157 89.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 22.631 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

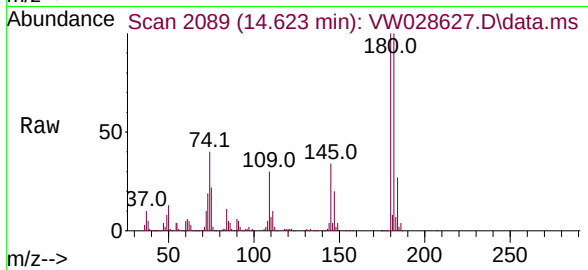
Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 131614

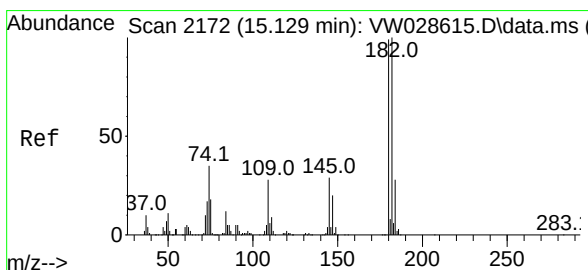
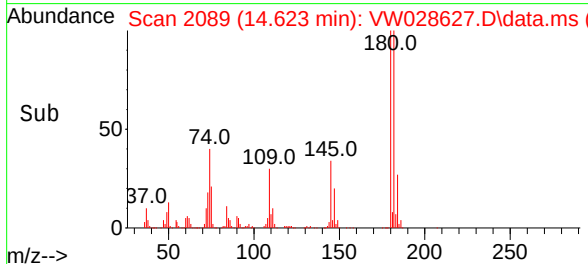
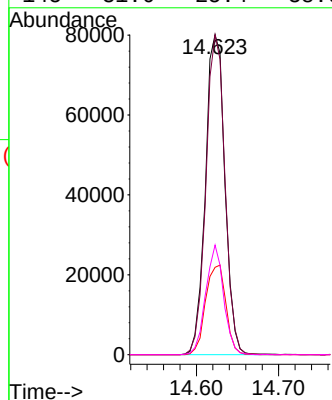
Ion Ratio Lower Upper

180 100

182 97.5 75.4 113.2

184 29.2 24.0 36.0

145 31.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.865 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

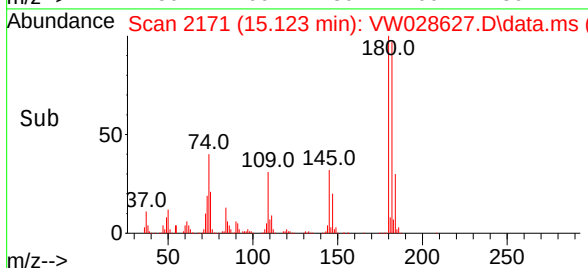
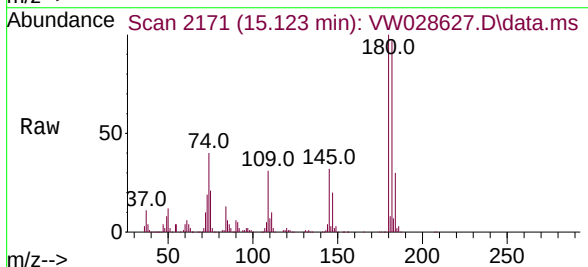
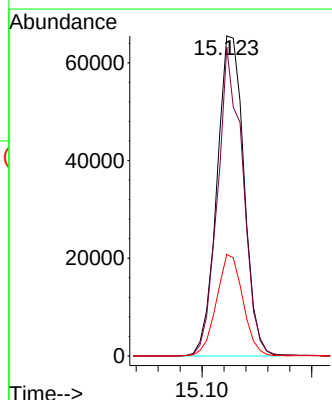
Tgt Ion:180 Resp: 112142

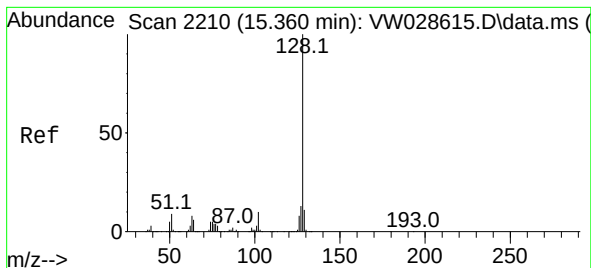
Ion Ratio Lower Upper

180 100

182 89.6 77.2 115.8

145 31.1 26.6 39.8





#71

Naphthalene

Concen: 22.991 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

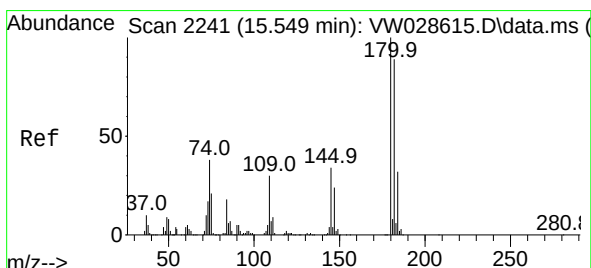
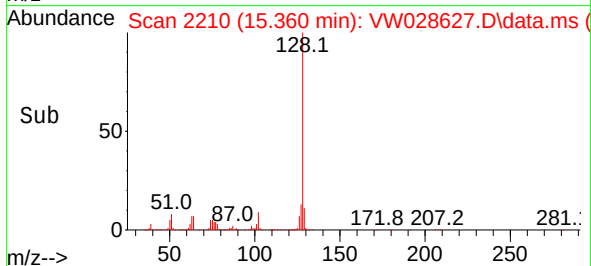
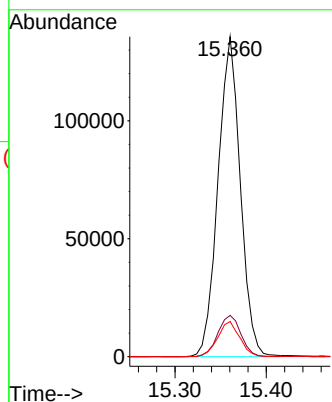
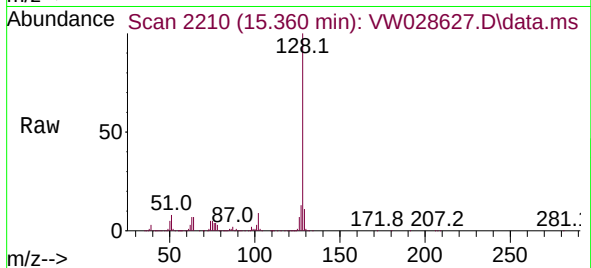
Tgt Ion:128 Resp: 230173

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.733 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028627.D

Acq: 16 May 2024 16:51

Tgt Ion:180 Resp: 100635

Ion Ratio Lower Upper

180 100

182 93.5 76.1 114.1

145 34.3 28.3 42.5

