

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028257.D
 Acq On : 27 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1891-02MS
 Misc : 4.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07A9MS

Quant Time: Mar 28 01:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	61704	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.899	69	50979	25.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.021	65	42035	22.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.075	46	62640	73.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.840%#
24) Chloroform-d	7.648	84	201942	27.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	8.301	65	113539	28.260	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.040%
32) Benzene-d6	8.276	84	377852	35.357	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.440%#
36) 1,2-Dichloropropane-d6	9.270	67	113009	36.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.000%#
41) Toluene-d8	10.319	98	304161	30.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.440%
43) trans-1,3-Dichloroprop...	10.575	79	45367	32.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.920%
47) 2-Hexanone-d5	10.922	63	50486	99.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	198.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76766	33.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	53421	27.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64013	17.848	ug/L	95
3) Chloromethane	2.222	50	59278	23.303	ug/L	99
5) Vinyl chloride	2.375	62	64923	22.578	ug/L	99
6) Bromomethane	2.789	94	41082	23.990	ug/L	95
8) Chloroethane	2.936	64	38819	25.117	ug/L	91
9) Trichlorofluoromethane	3.265	101	87103	25.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67297	19.486	ug/L	97
12) 1,1-Dichloroethene	4.045	96	76579	23.986	ug/L	96
13) Acetone	4.118	43	59998	63.334	ug/L	98
14) Carbon disulfide	4.387	76	185323	18.611	ug/L	100
15) Methyl Acetate	4.667	43	39485	27.059	ug/L	100
16) Methylene chloride	4.917	84	84370	22.421	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	75658	22.299	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	141444	27.631	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167582	25.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	91609	25.000	ug/L	95
22) 2-Butanone	7.167	43	64414	59.888	ug/L	97
23) Bromochloromethane	7.514	128	40036	24.714	ug/L	95
25) Chloroform	7.673	83	168549	24.925	ug/L	95

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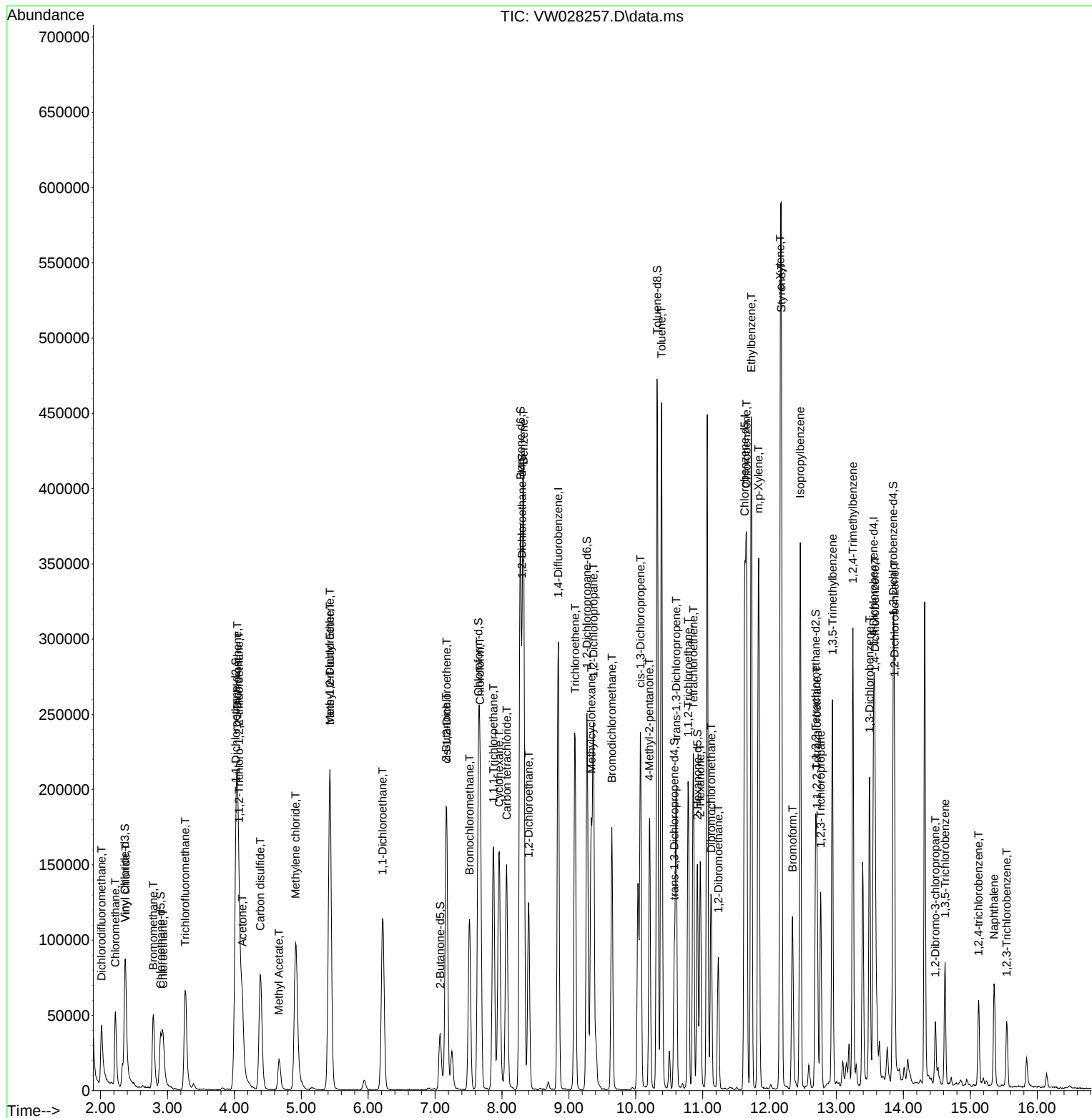
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115359	24.157	ug/L #	96
29) Cyclohexane	7.959	56	94373	20.671	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	134847	29.389	ug/L	99
31) Carbon tetrachloride	8.069	117	115322	26.795	ug/L	98
33) Benzene	8.325	78	343530	31.894	ug/L	100
34) Trichloroethene	9.093	95	84612	28.157	ug/L	96
35) Methylcyclohexane	9.337	83	67850	13.358	ug/L	100
37) 1,2-Dichloropropane	9.368	63	88227	32.024	ug/L	99
38) Bromodichloromethane	9.642	83	115243	31.026	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	137203	31.097	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	117239	77.094	ug/L	98
42) Toluene	10.386	91	326896	27.808	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109830	29.484	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63586	31.944	ug/L	99
46) Tetrachloroethene	10.861	164	51368	21.206	ug/L	92
48) 2-Hexanone	10.965	43	93920	78.842	ug/L	98
49) Dibromochloromethane	11.129	129	70788	30.028	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58304	30.633	ug/L	99
51) Chlorobenzene	11.654	112	179674	24.080	ug/L	98
52) Ethylbenzene	11.727	91	304436	22.185	ug/L	98
53) m,p-Xylene	11.837	106	107756	20.867	ug/L	96
54) o-Xylene	12.160	106	106405	22.220	ug/L	88
55) Styrene	12.178	104	177590	21.590	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	62594	27.492	ug/L	99
59) Bromoform	12.343	173	38291	47.880	ug/L	97
60) Isopropylbenzene	12.458	105	227360	28.673	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50223	49.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	128410	24.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	157417	24.503	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	81669	23.086	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	82840	23.418	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	75615	24.821	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	9826	41.067	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	24432	9.915	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	17060	8.149	ug/L	95
71) Naphthalene	15.354	128	59721	16.621	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	12888	7.468	ug/L	91

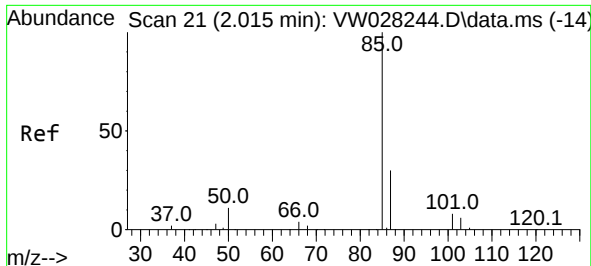
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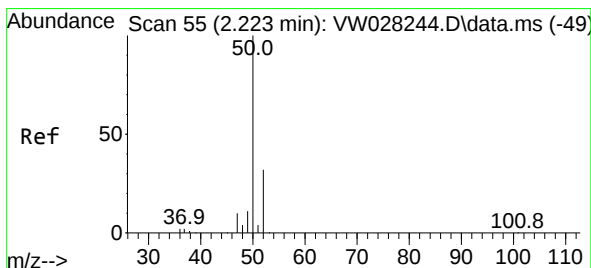
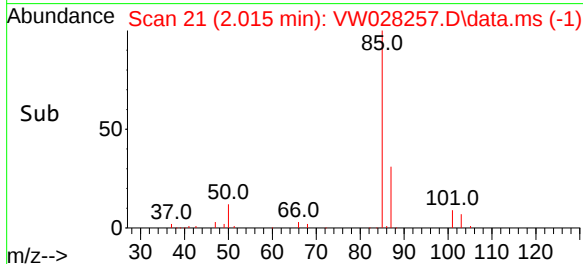
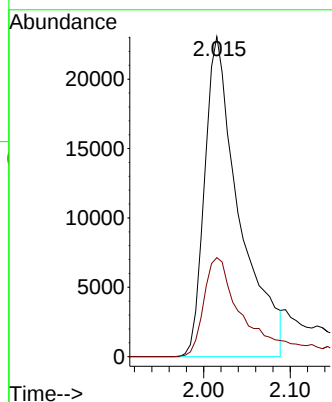
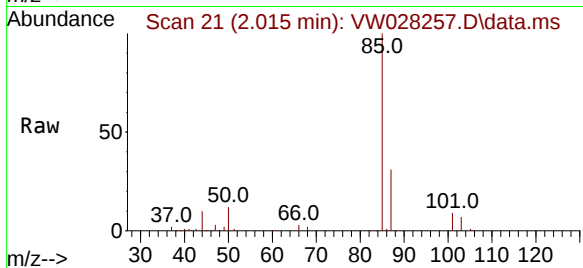




#2
 Dichlorodifluoromethane
 Concen: 17.848 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

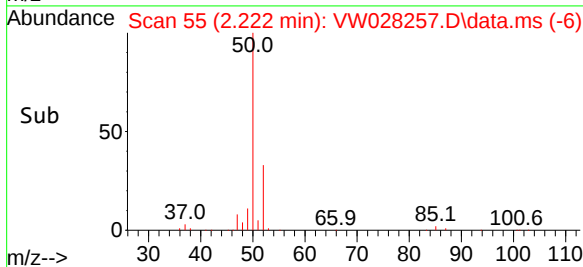
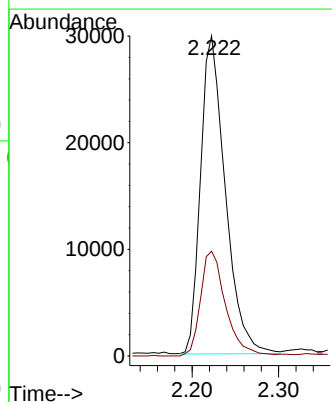
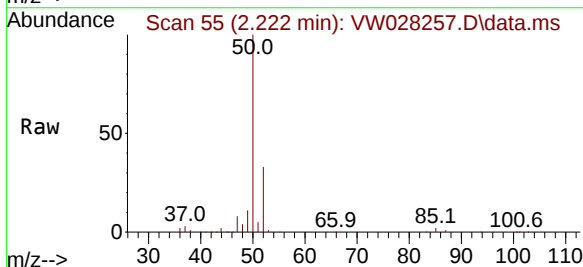
Instrument :
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 ClientSampleId :
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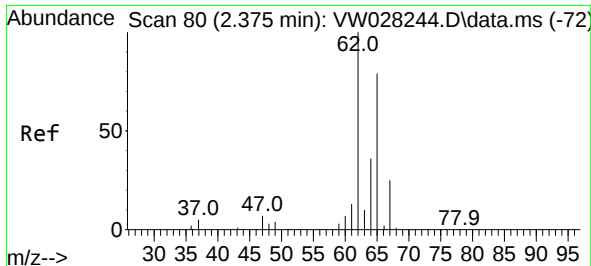
Tgt Ion: 85 Resp: 64013
 Ion Ratio Lower Upper
 85 100
 87 28.6 20.9 31.3



#3
 Chloromethane
 Concen: 23.303 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Tgt Ion: 50 Resp: 59278
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

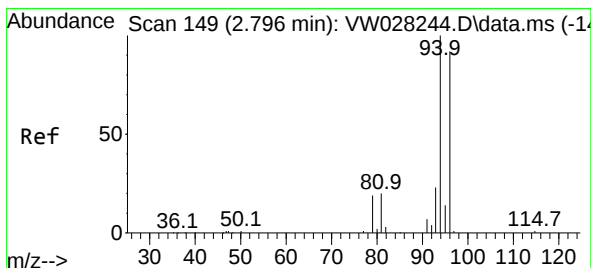
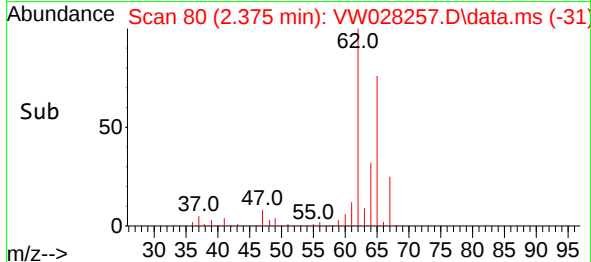
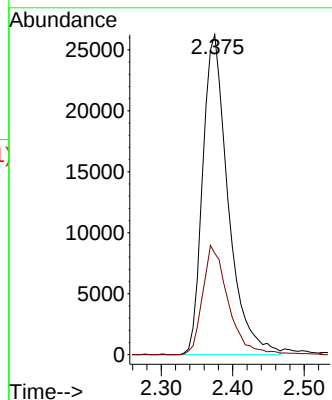
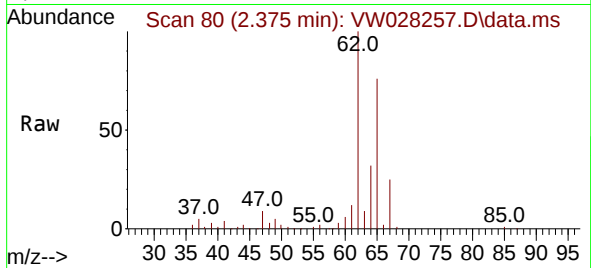




#5
 Vinyl chloride
 Concen: 22.578 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

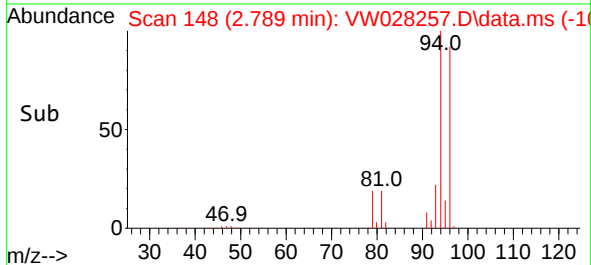
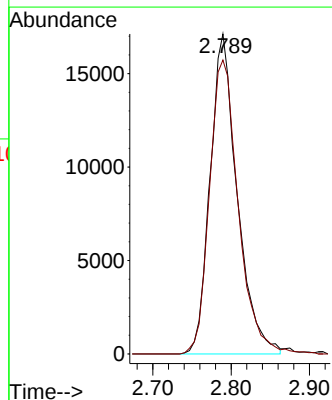
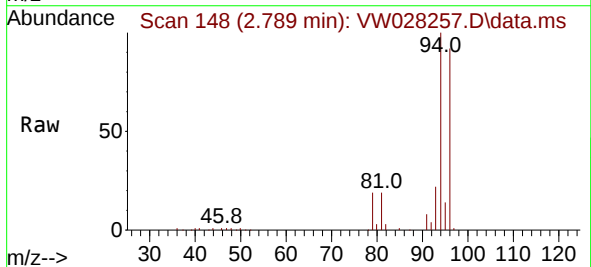
Instrument :
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 ClientSampleId :
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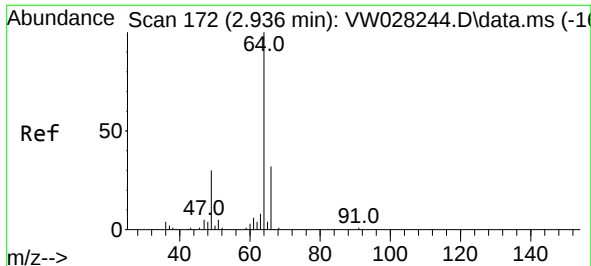
Tgt Ion: 62 Resp: 64923
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.5 41.7



#6
 Bromomethane
 Concen: 23.990 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Tgt Ion: 94 Resp: 41082
 Ion Ratio Lower Upper
 94 100
 96 91.9 60.8 113.0

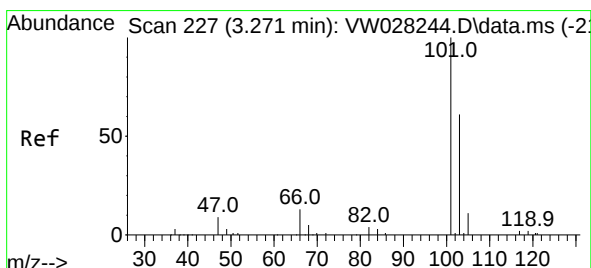
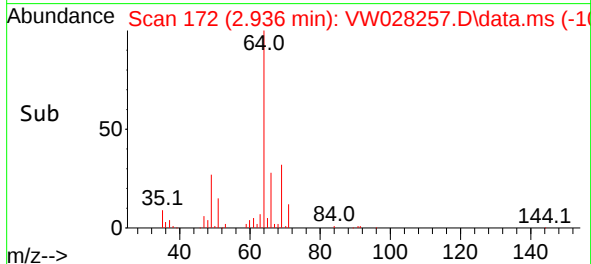
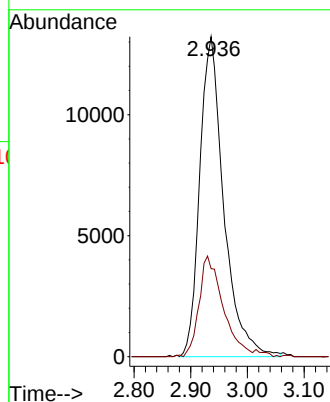
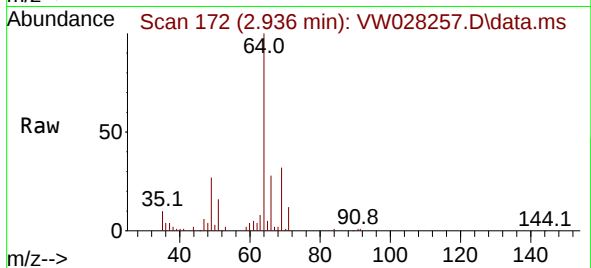




#8
Chloroethane
Concen: 25.117 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

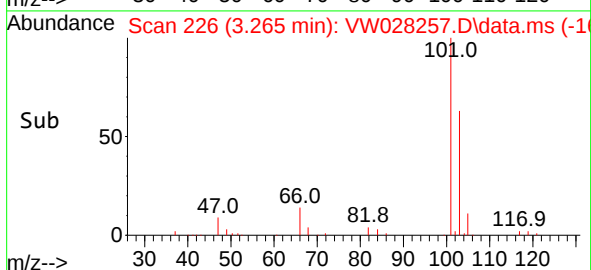
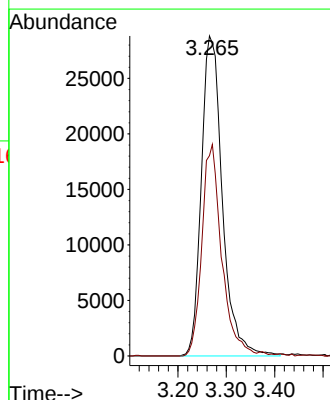
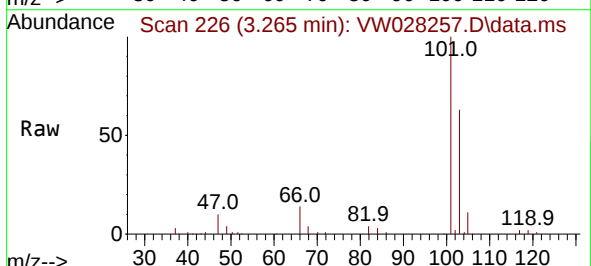
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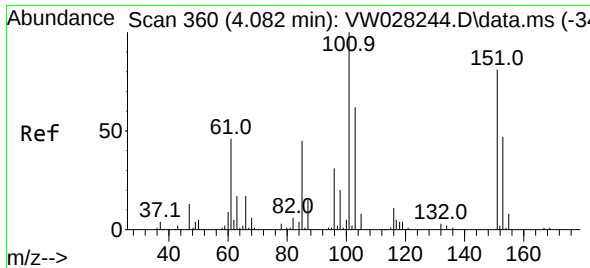
Tgt Ion: 64 Resp: 38819
Ion Ratio Lower Upper
64 100
66 27.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.055 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:101 Resp: 87103
Ion Ratio Lower Upper
101 100
103 62.1 50.9 76.3

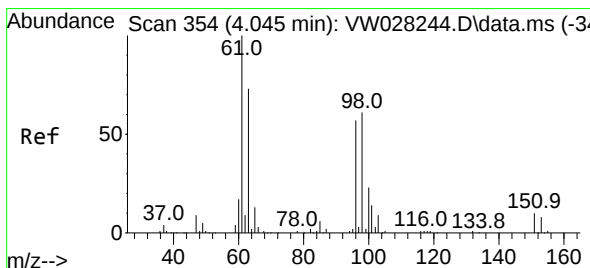
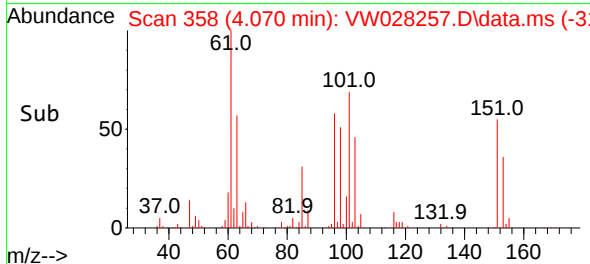
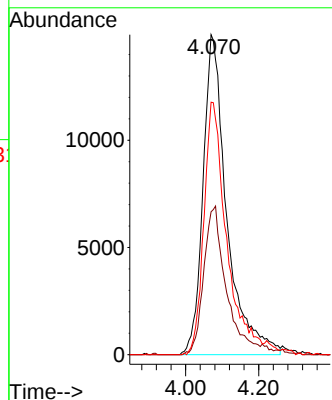
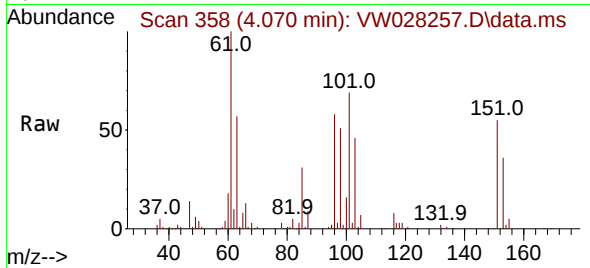




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.486 ug/L
RT: 4.070 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW028257.D
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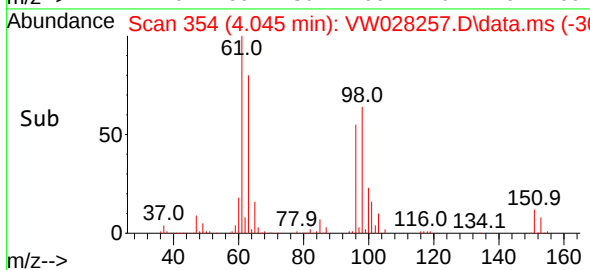
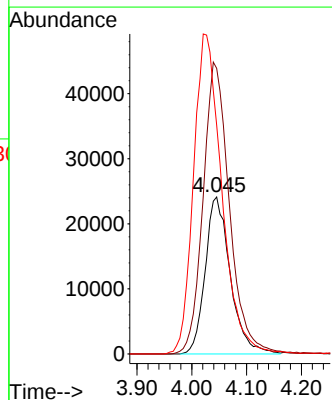
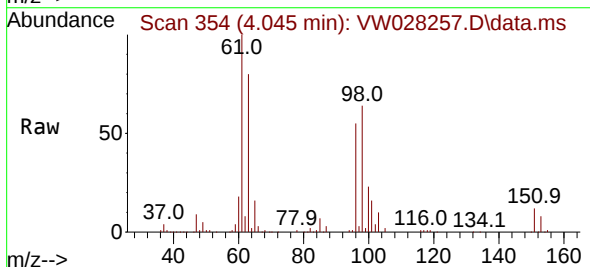
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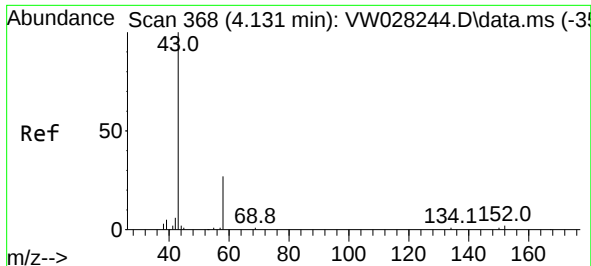
Tgt Ion:101 Resp: 67297
Ion Ratio Lower Upper
101 100
85 40.8 36.4 54.6
151 73.5 58.4 87.6



#12
1,1-Dichloroethene
Concen: 23.986 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 96 Resp: 76579
Ion Ratio Lower Upper
96 100
61 182.0 132.2 245.4
63 145.7 104.6 194.2





#13

Acetone

Concen: 63.334 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

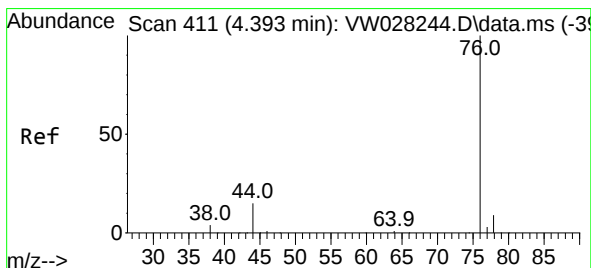
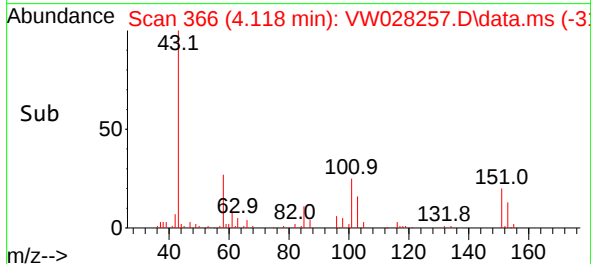
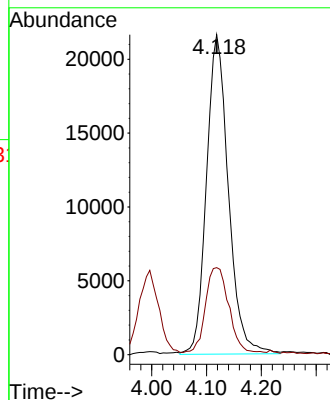
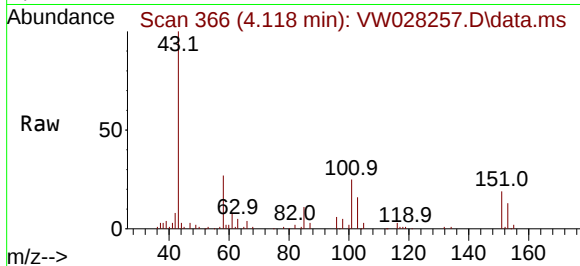
E07A9MS

Tgt Ion: 43 Resp: 59998

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.8



#14

Carbon disulfide

Concen: 18.611 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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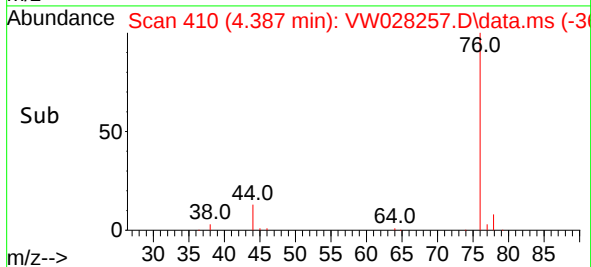
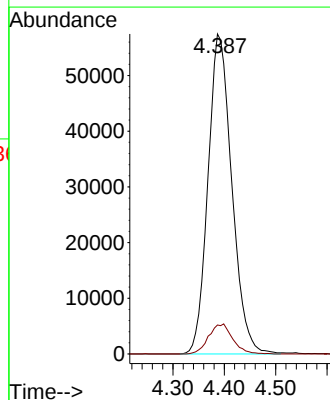
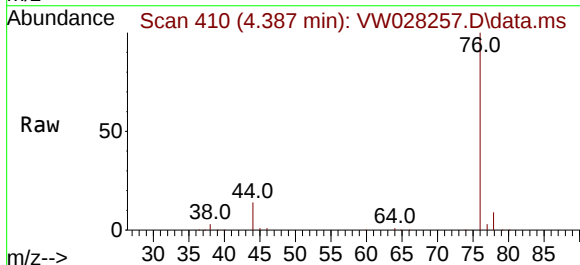
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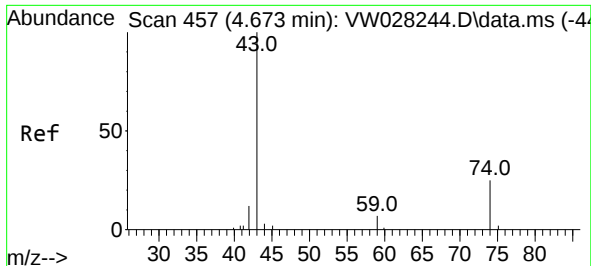
Tgt Ion: 76 Resp: 185323

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

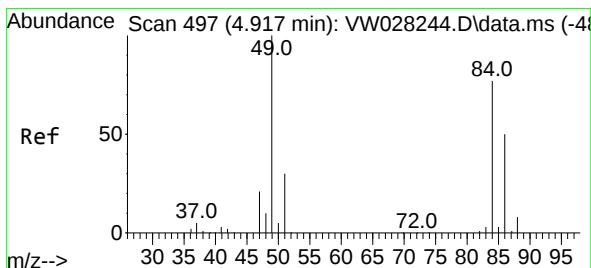
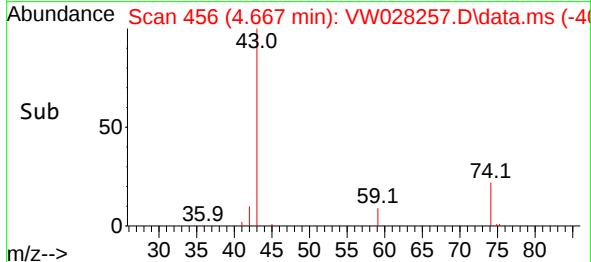
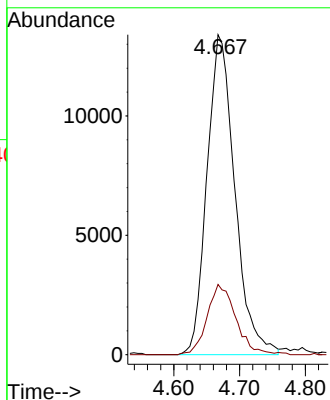
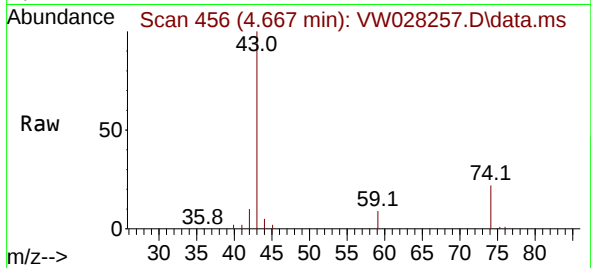




#15
Methyl Acetate
Concen: 27.059 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

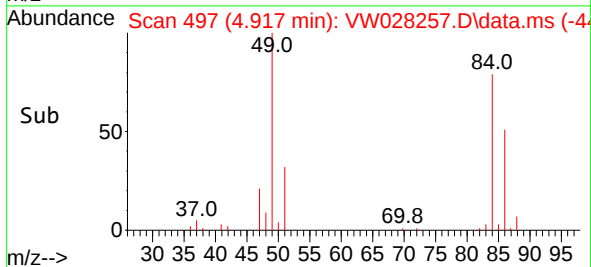
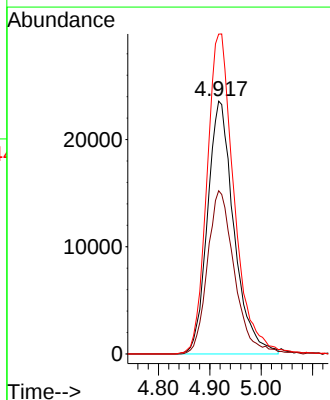
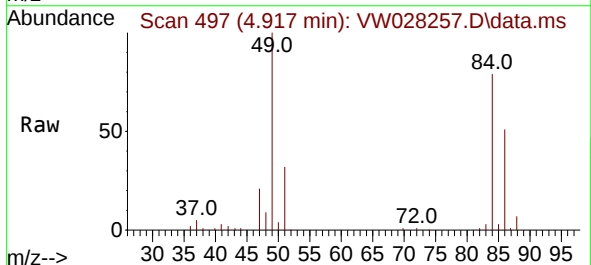
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

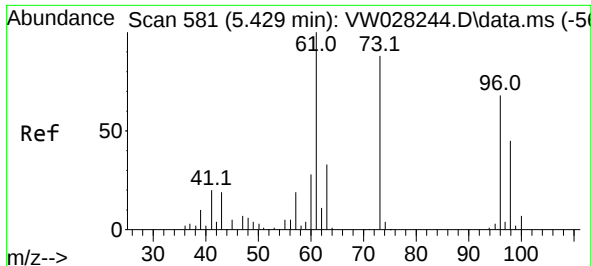
Tgt Ion: 43 Resp: 39485
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2



#16
Methylene chloride
Concen: 22.421 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 84 Resp: 84370
Ion Ratio Lower Upper
84 100
86 64.6 43.1 80.1
49 126.5 89.4 166.0

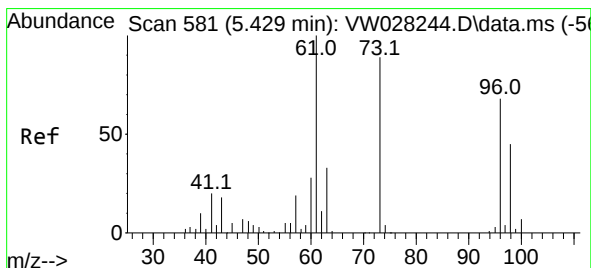
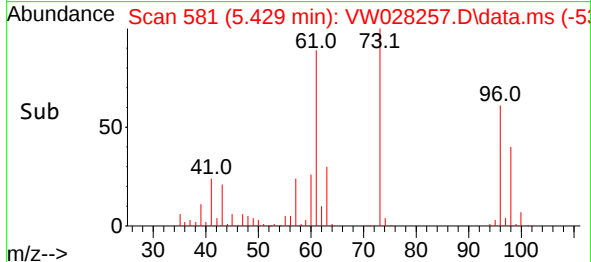
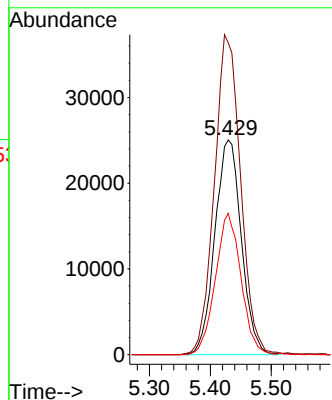
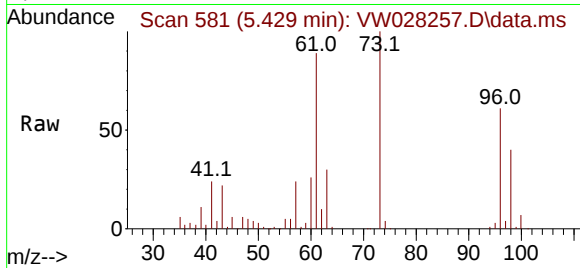




#17
trans-1,2-Dichloroethene
Concen: 22.299 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

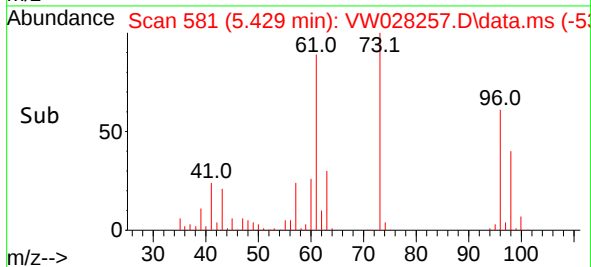
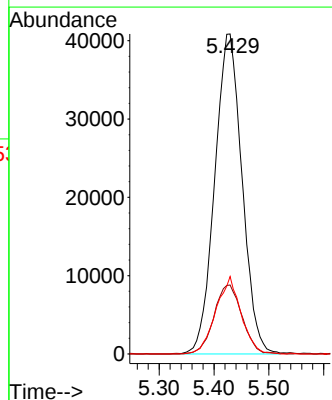
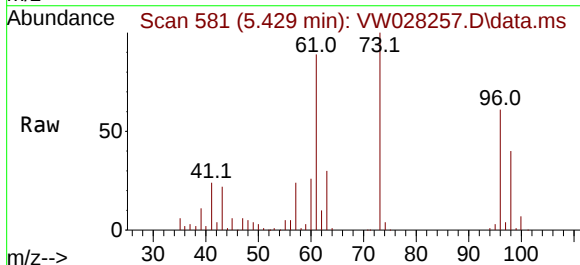
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

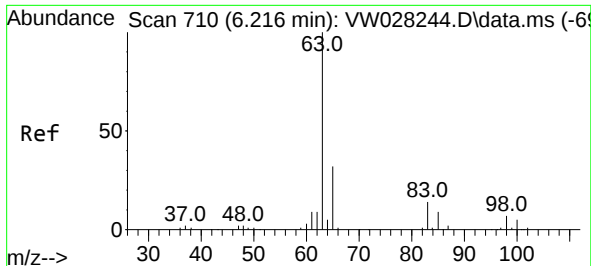
Tgt Ion: 96	Resp: 75658		
Ion Ratio	Lower	Upper	
96	100		
61	145.4	98.4	182.8
98	65.8	45.6	84.8



#18
Methyl tert-butyl Ether
Concen: 27.631 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 73	Resp: 141444
Ion Ratio	Lower Upper
73 100	
43 22.0	18.2 27.4
57 22.3	17.4 26.2

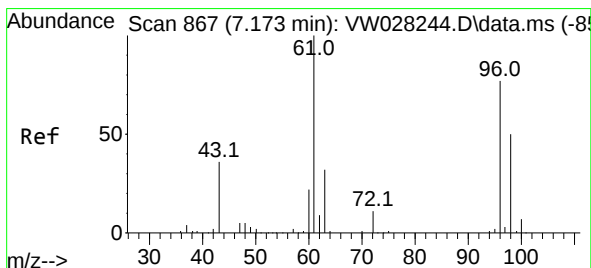
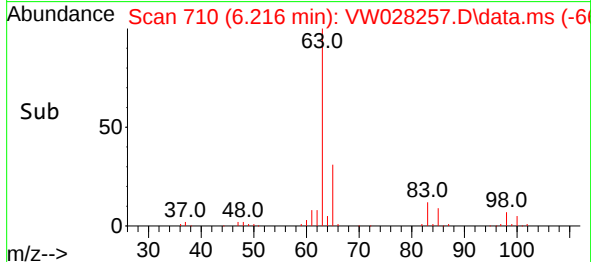
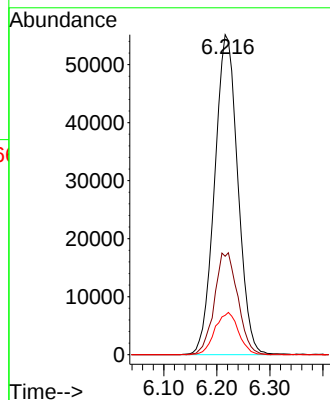
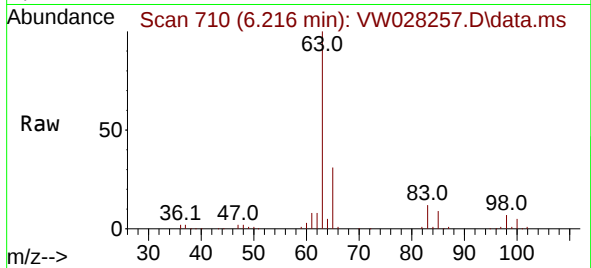




#19
1,1-Dichloroethane
Concen: 25.513 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

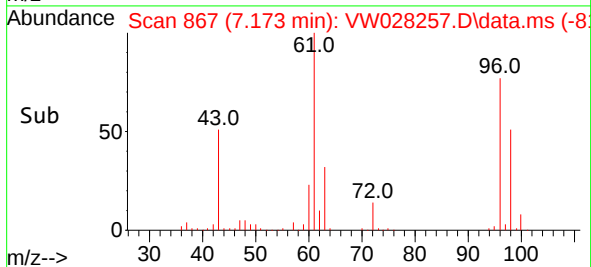
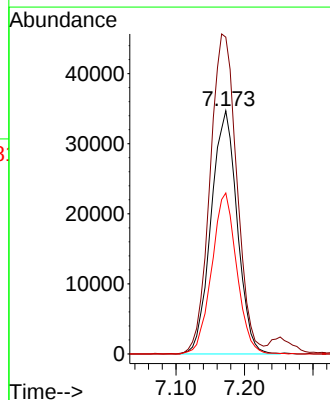
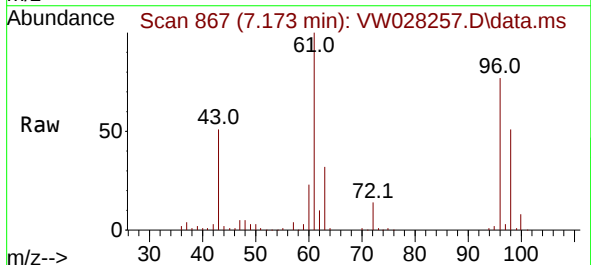
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

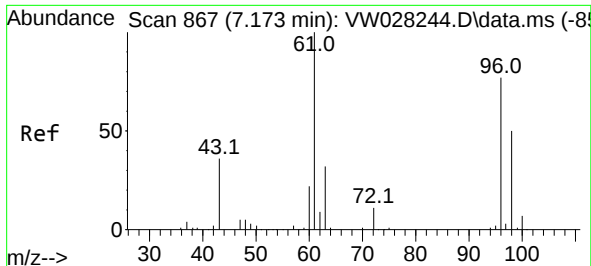
Tgt Ion: 63 Resp: 167582
Ion Ratio Lower Upper
63 100
65 30.8 22.1 41.1
83 12.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 96 Resp: 91609
Ion Ratio Lower Upper
96 100
61 130.3 95.7 177.7
98 66.2 43.9 81.5

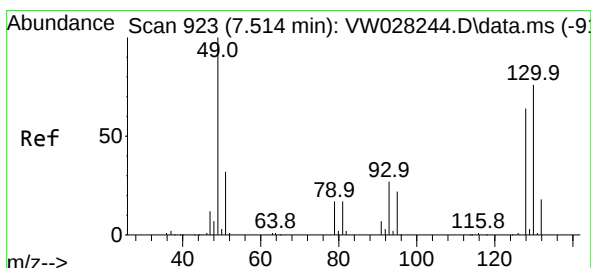
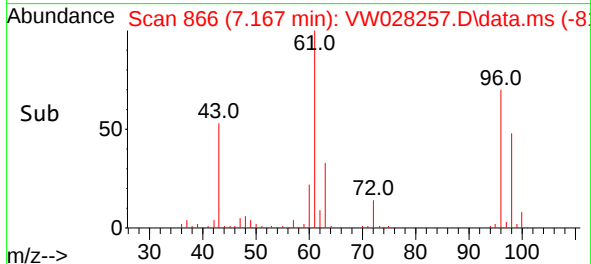
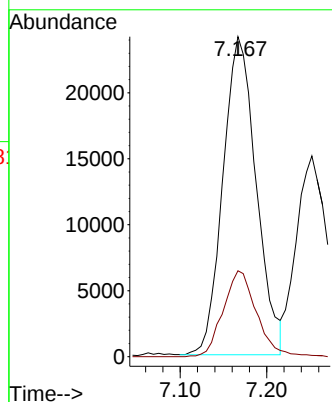
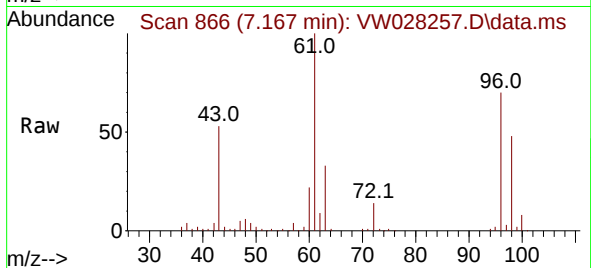




#22
2-Butanone
Concen: 59.888 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

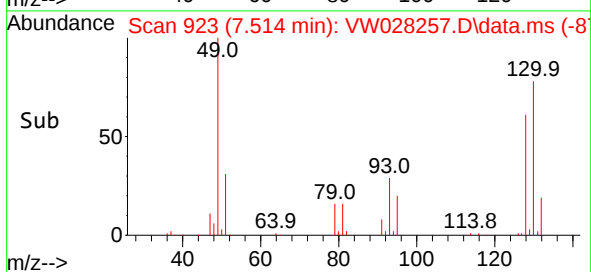
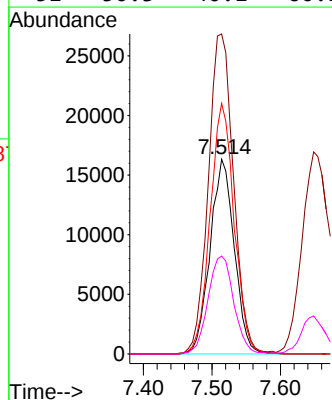
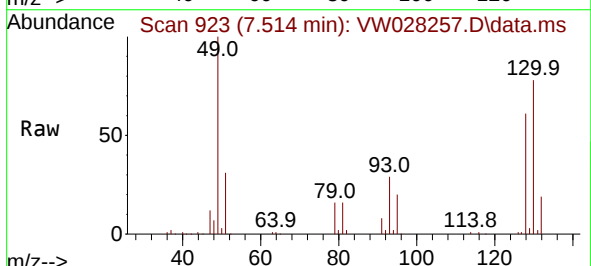
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

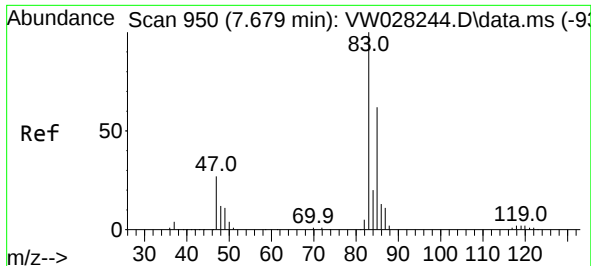
Tgt Ion: 43 Resp: 64414
Ion Ratio Lower Upper
43 100
72 27.2 12.8 38.4



#23
Bromochloromethane
Concen: 24.714 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 128 Resp: 40036
Ion Ratio Lower Upper
128 100
49 164.3 116.6 216.6
130 128.6 80.1 148.7
51 50.3 40.1 60.1

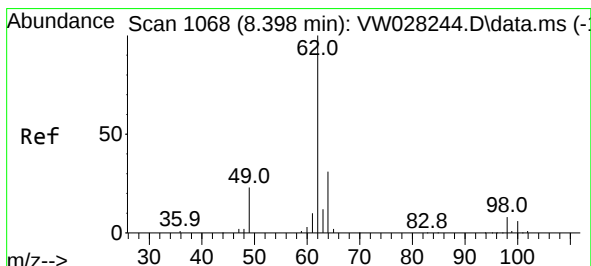
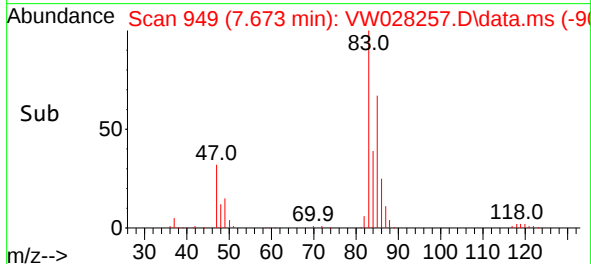
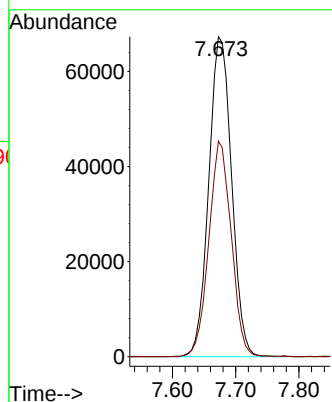
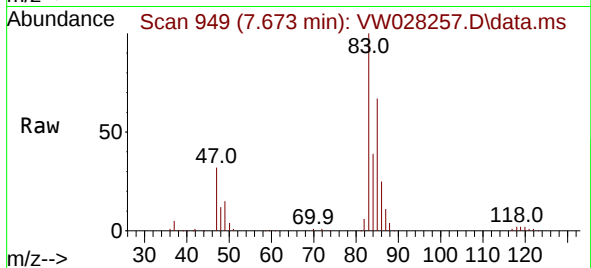




#25
Chloroform
Concen: 24.925 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

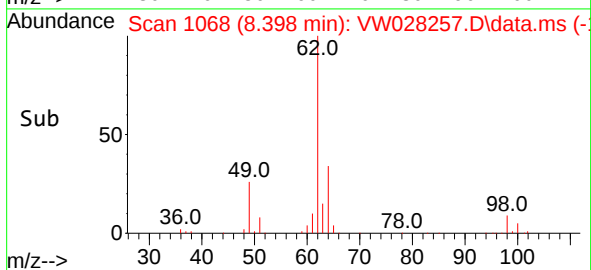
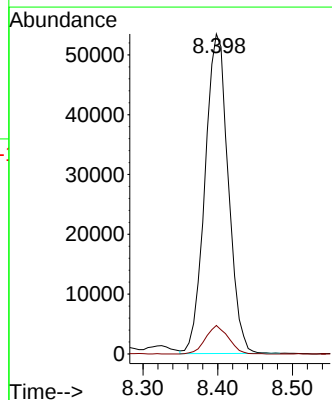
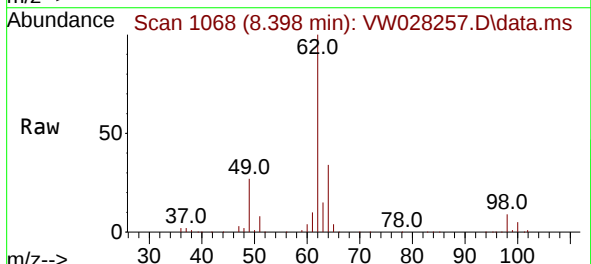
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

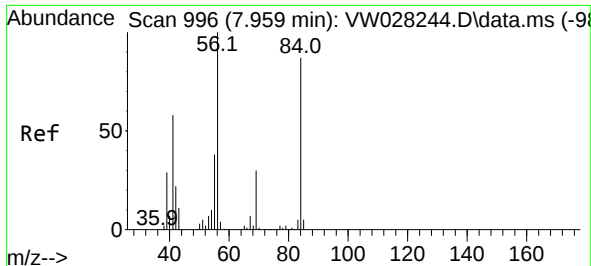
Tgt Ion: 83 Resp: 168549
Ion Ratio Lower Upper
83 100
85 67.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 24.157 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 62 Resp: 115359
Ion Ratio Lower Upper
62 100
98 8.9 5.9 8.9#





#29

Cyclohexane

Concen: 20.671 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

E07A9MS

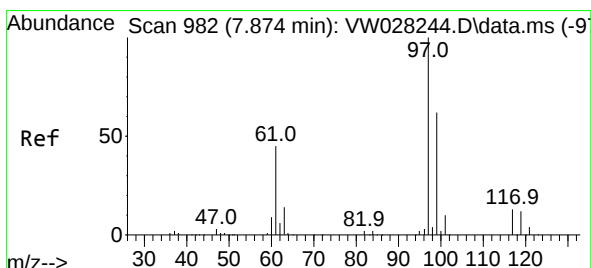
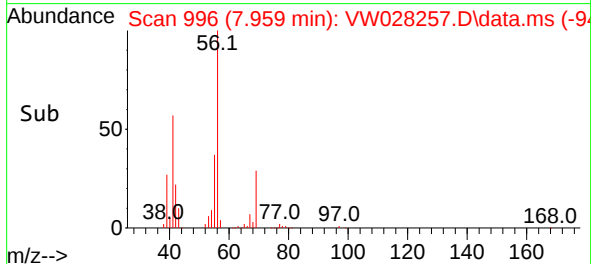
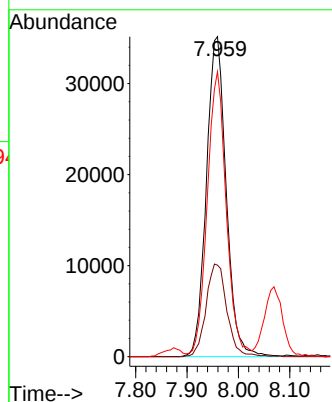
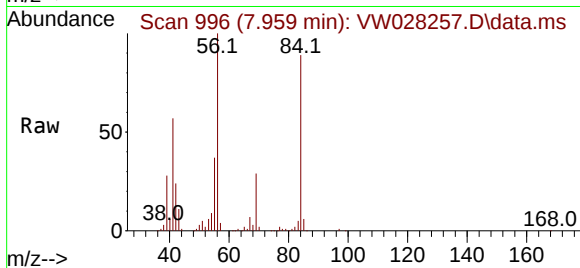
Tgt Ion: 56 Resp: 94373

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 85.1 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 29.389 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

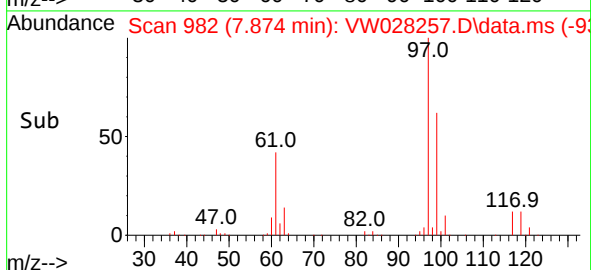
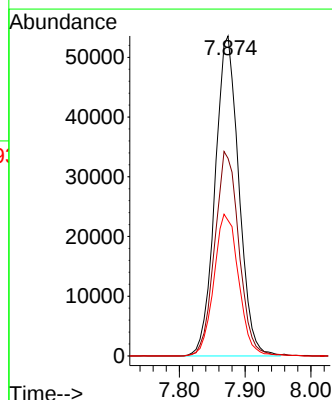
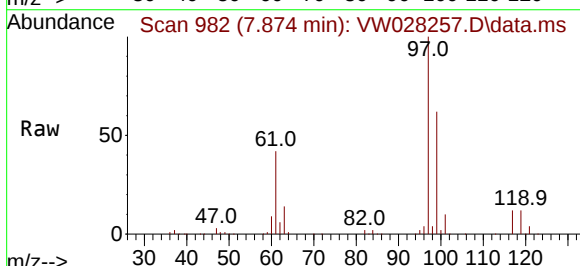
Tgt Ion: 97 Resp: 134847

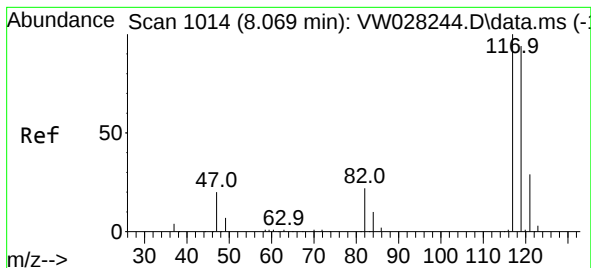
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 46.3 37.0 55.6

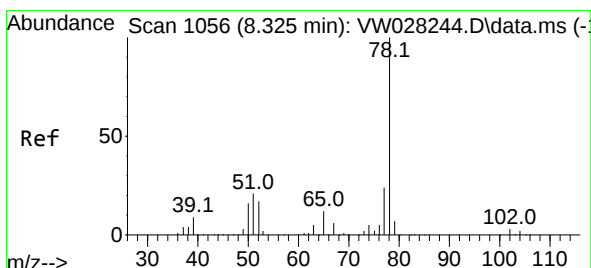
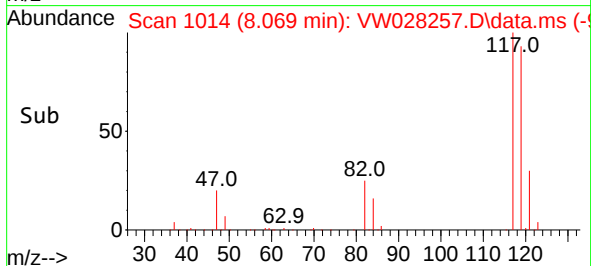
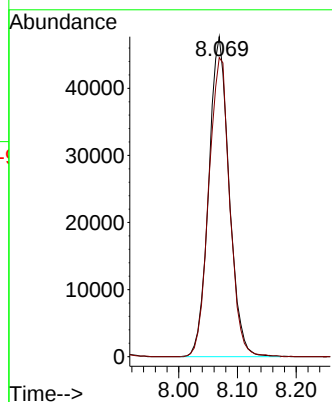
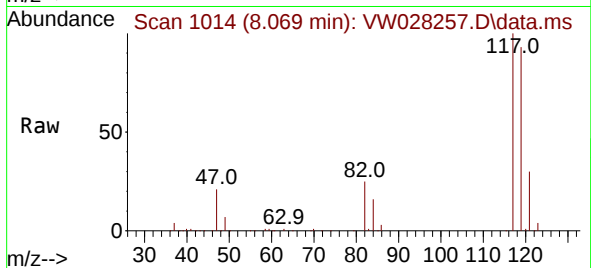




#31
Carbon tetrachloride
Concen: 26.795 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

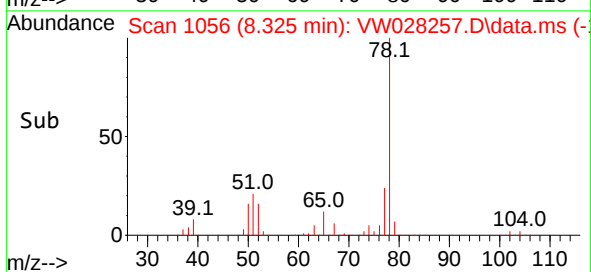
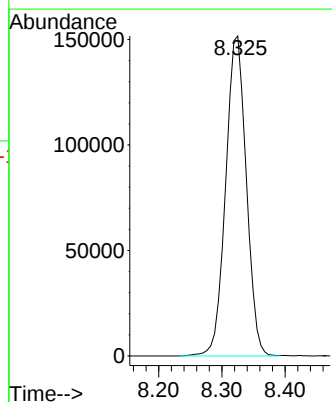
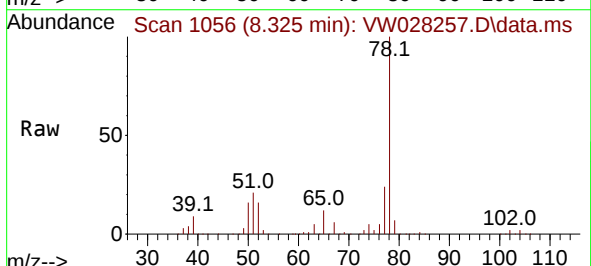
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

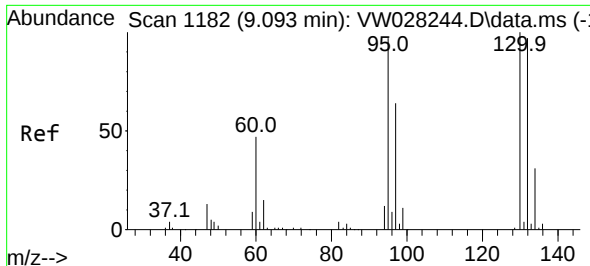
Tgt Ion:117 Resp: 115322
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 31.894 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 78 Resp: 343530



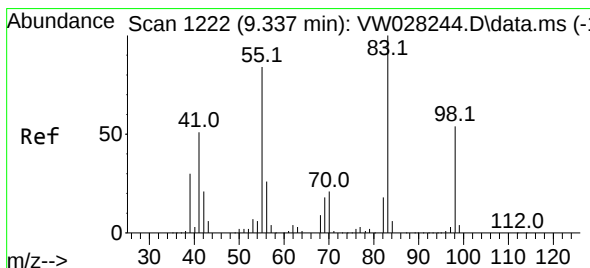
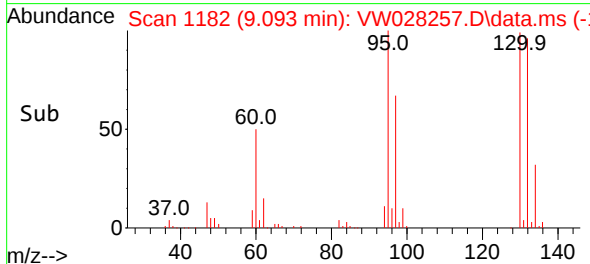
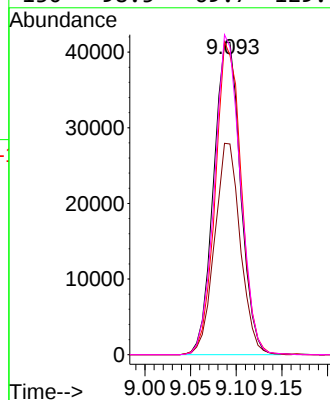
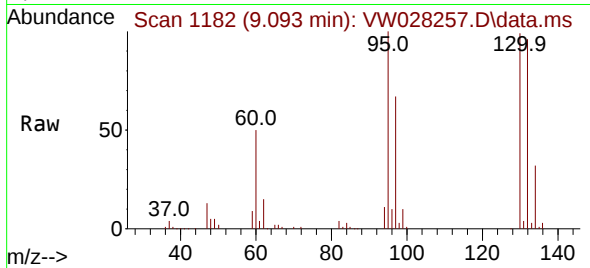


#34
Trichloroethene
Concen: 28.157 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

Tgt Ion: 95 Resp: 84612

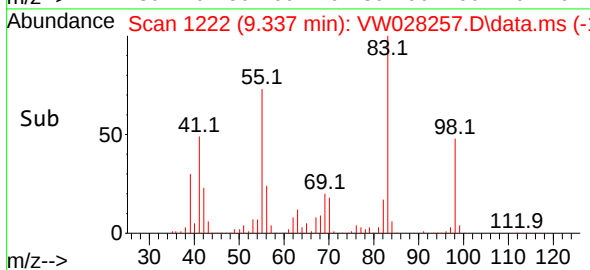
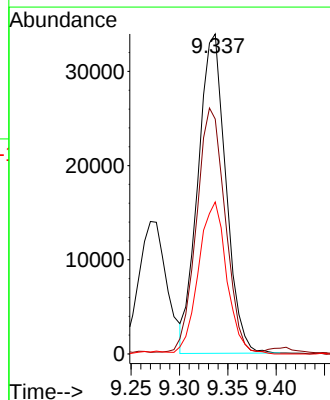
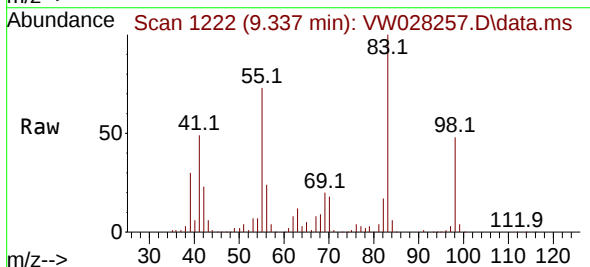
Ion	Ratio	Lower	Upper
95	100		
97	67.4	42.4	78.6
132	95.8	69.4	128.8
130	98.5	69.7	129.4

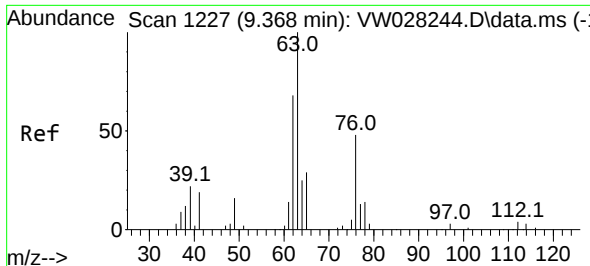


#35
Methylcyclohexane
Concen: 13.358 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 83 Resp: 67850

Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.2	96.4
98	48.2	38.3	57.5





#37

1,2-Dichloropropane

Concen: 32.024 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

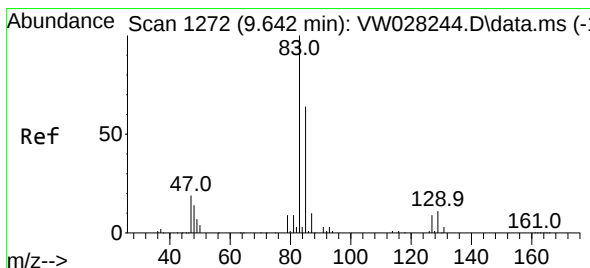
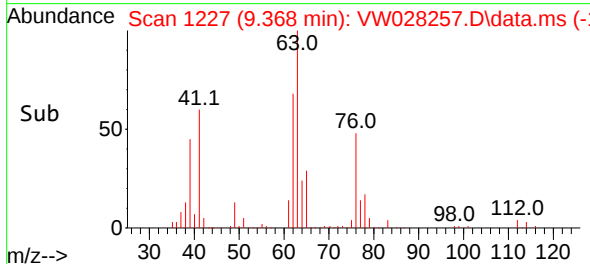
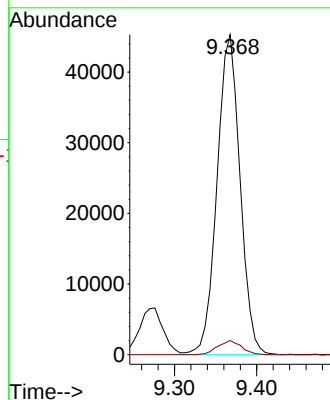
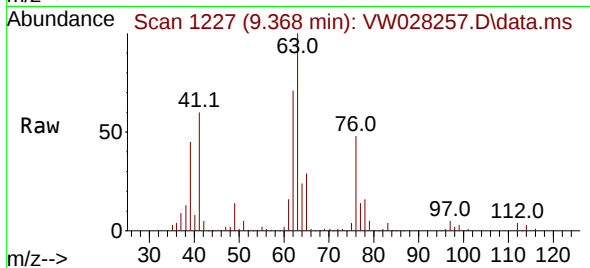
E07A9MS

Tgt Ion: 63 Resp: 88227

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 31.026 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

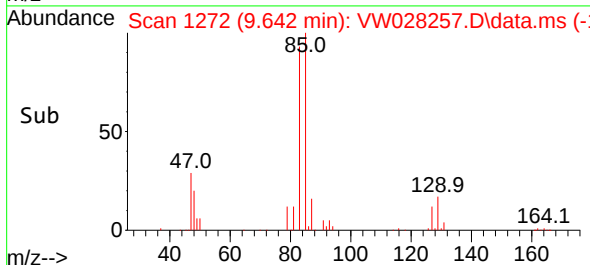
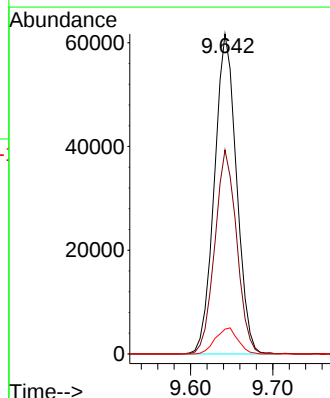
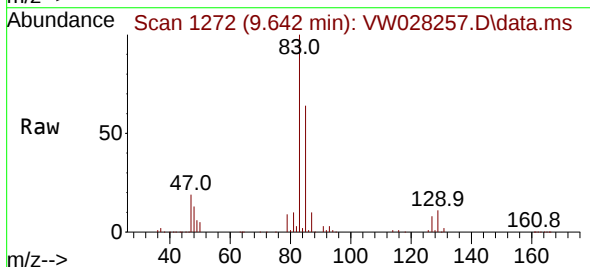
Tgt Ion: 83 Resp: 115243

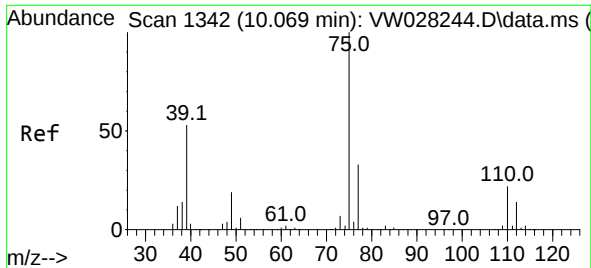
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2

127 7.7 6.5 9.7

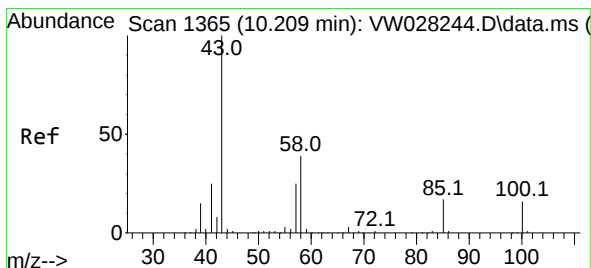
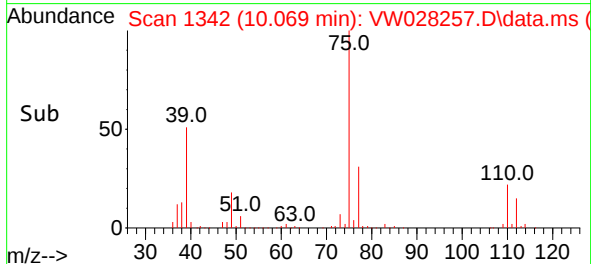
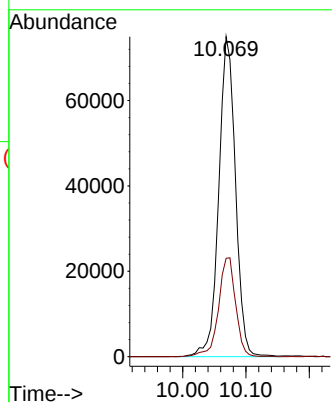
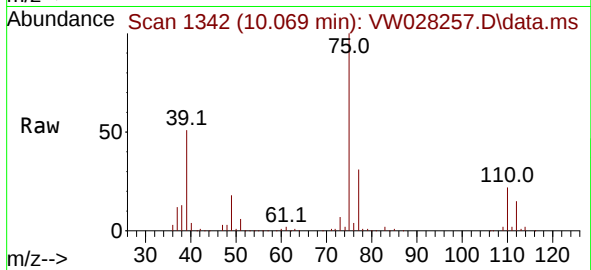




#39
 cis-1,3-Dichloropropene
 Concen: 31.097 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

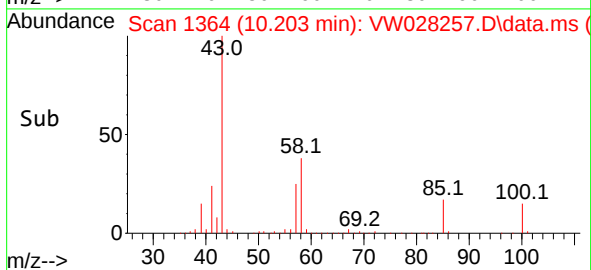
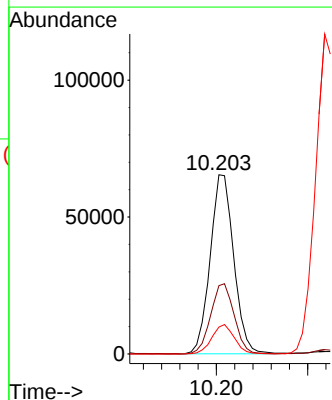
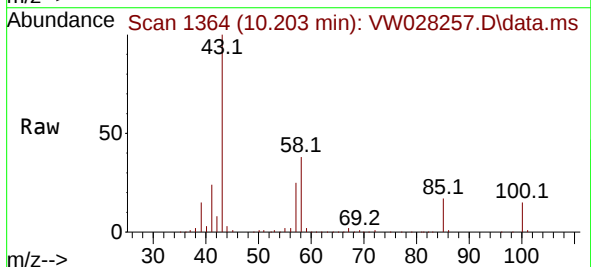
Instrument :
 MSVOA_W
 ClientSampleId :
 E07A9MS

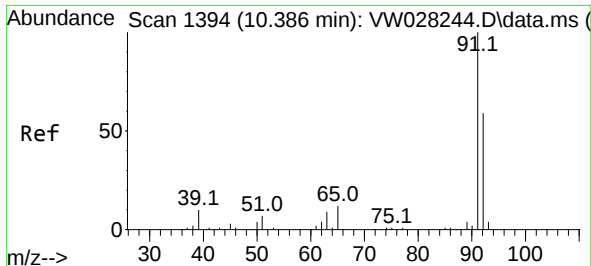
Tgt Ion: 75 Resp: 137203
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 77.094 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Tgt Ion: 43 Resp: 117239
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.1 45.1
 100 15.7 11.8 17.8

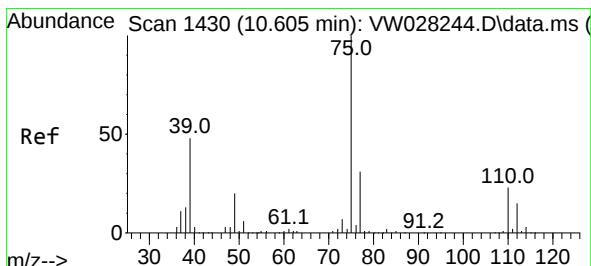
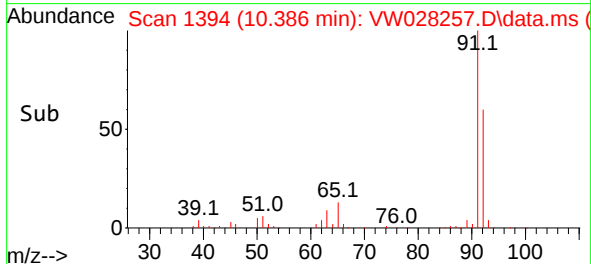
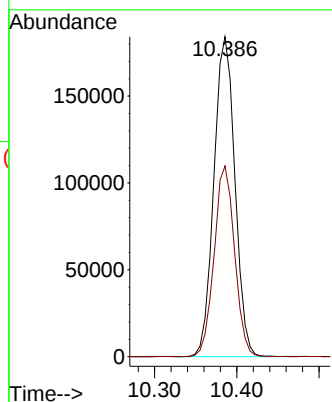
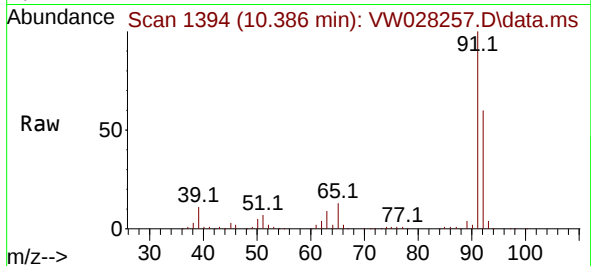




#42
Toluene
Concen: 27.808 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

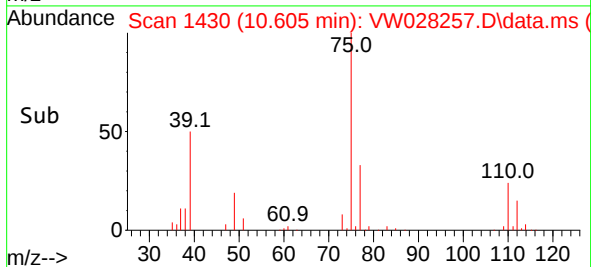
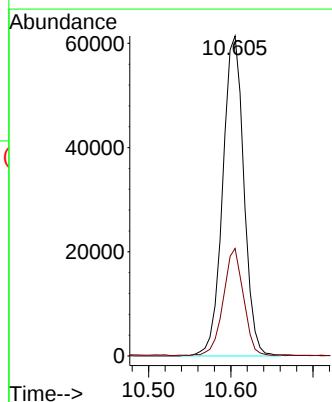
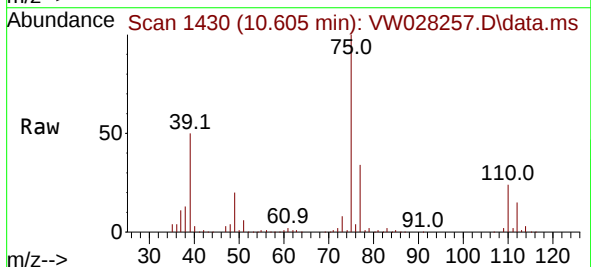
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

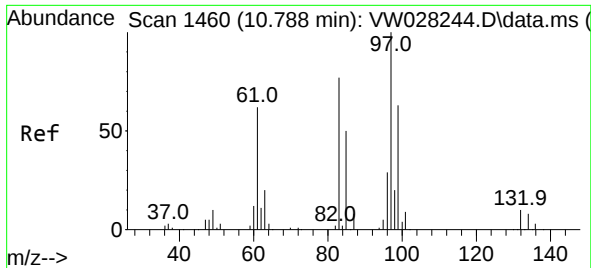
Tgt Ion: 91 Resp: 326896
Ion Ratio Lower Upper
91 100
92 59.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 29.484 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 75 Resp: 109830
Ion Ratio Lower Upper
75 100
77 33.6 23.0 42.6

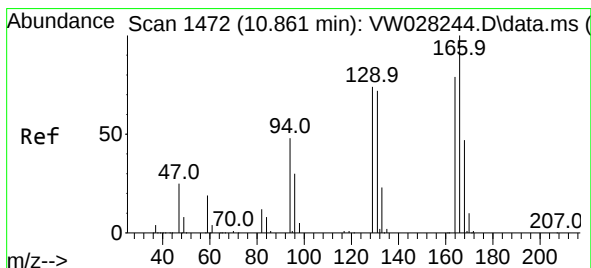
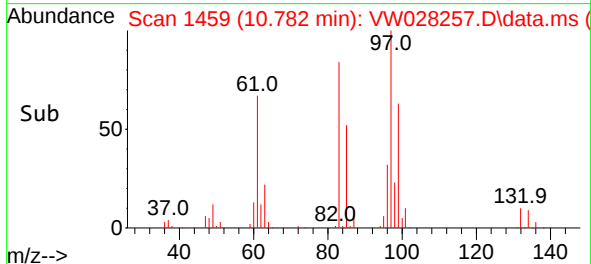
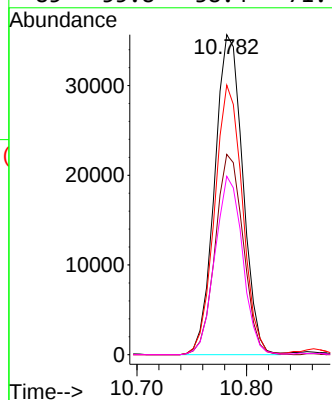
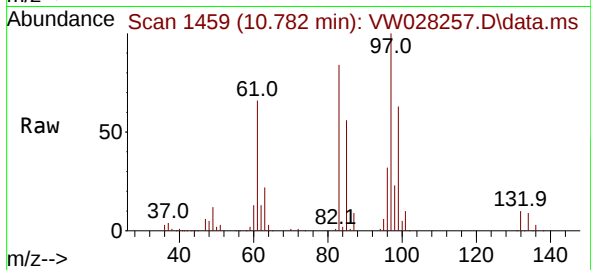




#45
1,1,2-Trichloroethane
Concen: 31.944 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

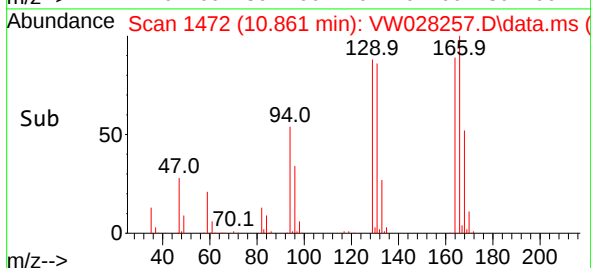
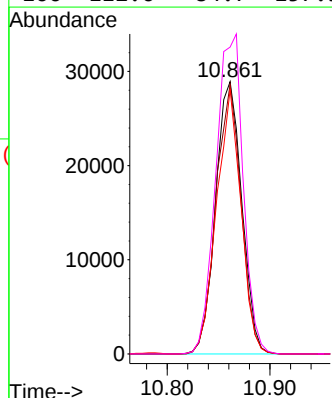
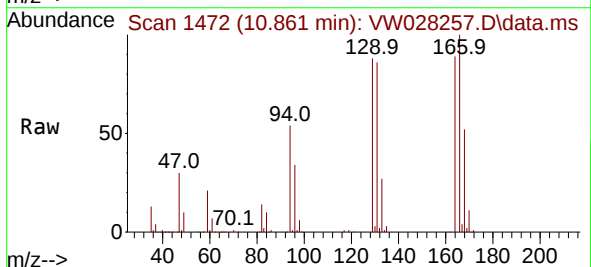
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

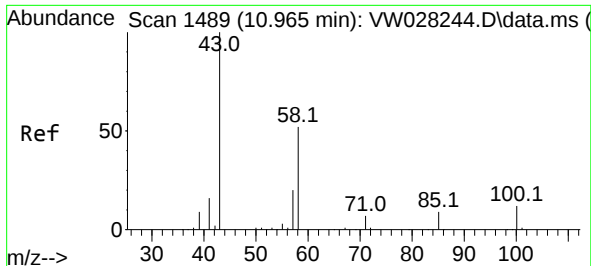
Tgt Ion:	97	Resp:	63586
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.4	80.6
83	84.2	59.4	110.4
85	55.8	38.4	71.4



#46
Tetrachloroethene
Concen: 21.206 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:	164	Resp:	51368
Ion	Ratio	Lower	Upper
164	100		
129	99.0	64.0	119.0
131	97.1	62.6	116.3
166	112.6	84.7	157.3

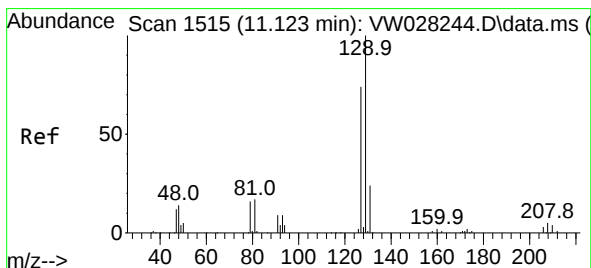
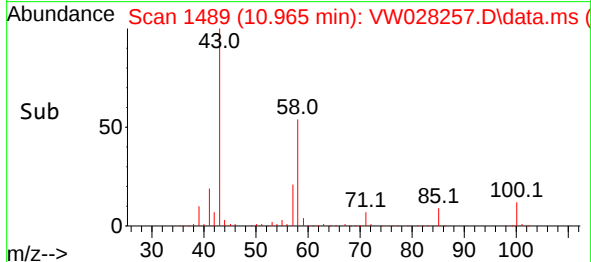
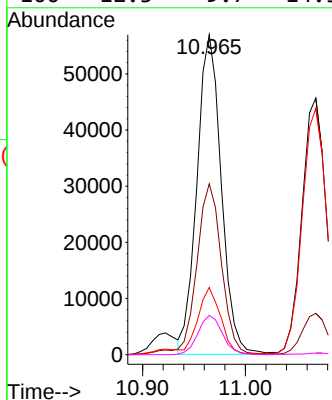
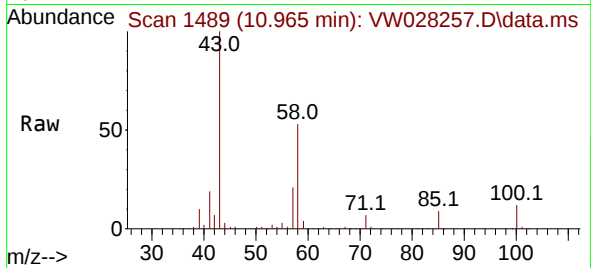




#48
2-Hexanone
Concen: 78.842 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

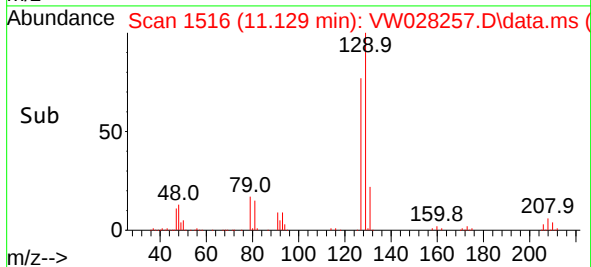
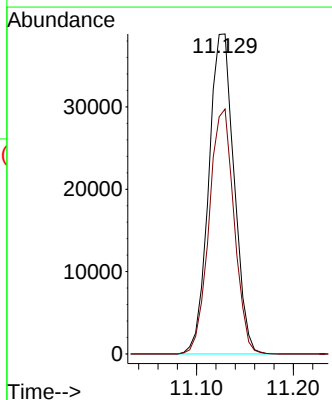
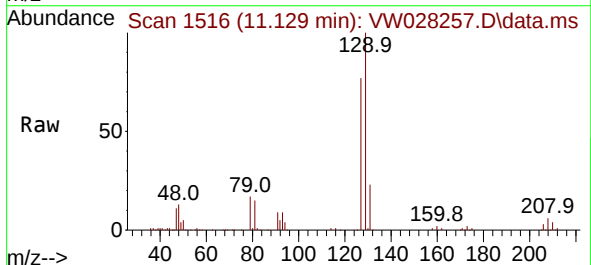
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

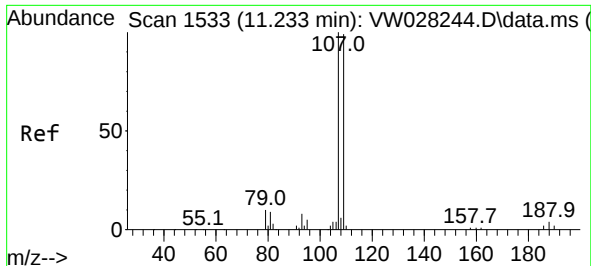
Tgt Ion: 43	Resp: 93920
Ion Ratio	Lower Upper
43 100	
58 53.3	40.6 61.0
57 19.2	15.7 23.5
100 12.3	9.7 14.5



#49
Dibromochloromethane
Concen: 30.028 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:129	Resp: 70788		
Ion Ratio	Lower	Upper	
129 100			
127 76.5	53.1	98.7	





#50

1,2-Dibromoethane

Concen: 30.633 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

E07A9MS

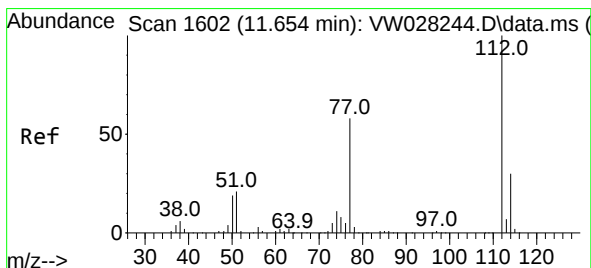
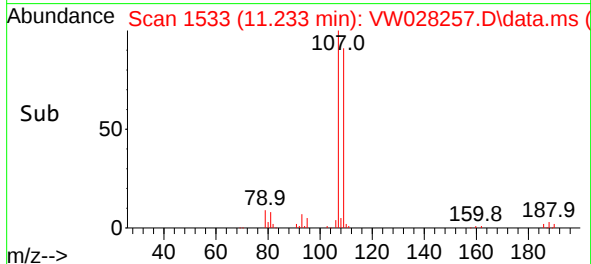
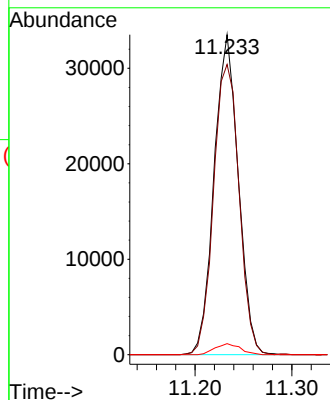
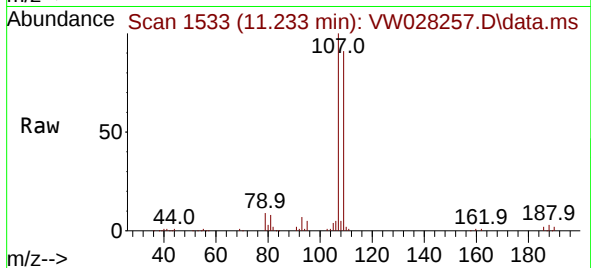
Tgt Ion:107 Resp: 58304

Ion Ratio Lower Upper

107 100

109 90.7 64.4 119.6

188 3.5 3.4 5.2



#51

Chlorobenzene

Concen: 24.080 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

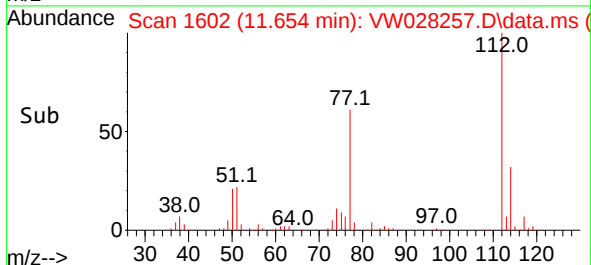
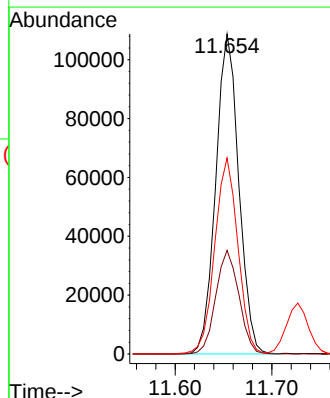
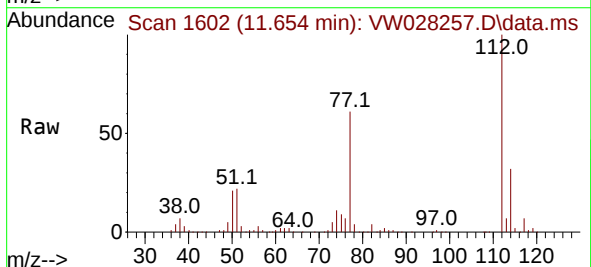
Tgt Ion:112 Resp: 179674

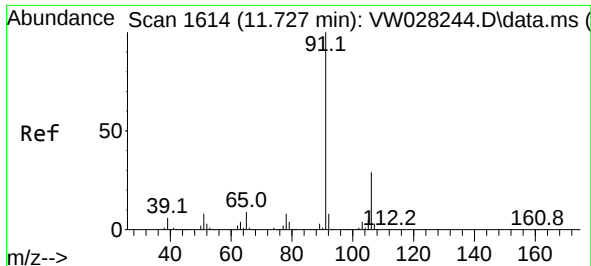
Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.6

77 61.3 50.6 76.0

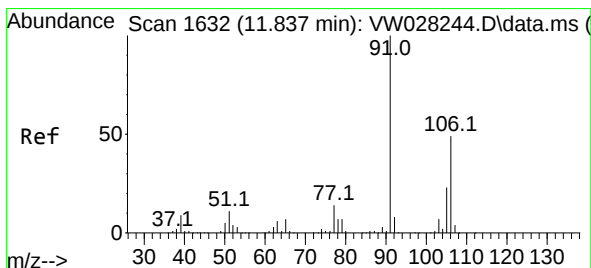
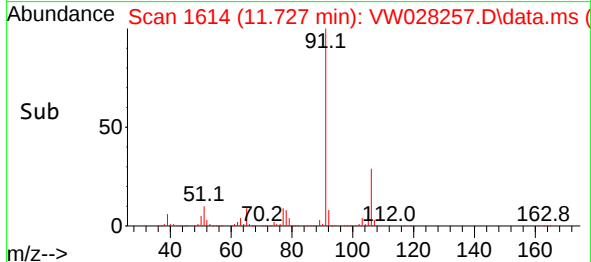
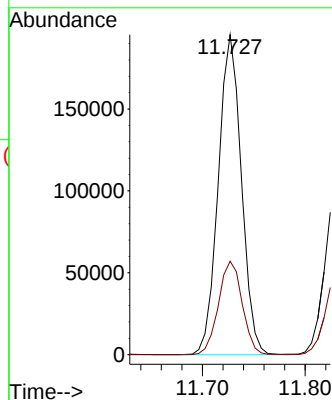
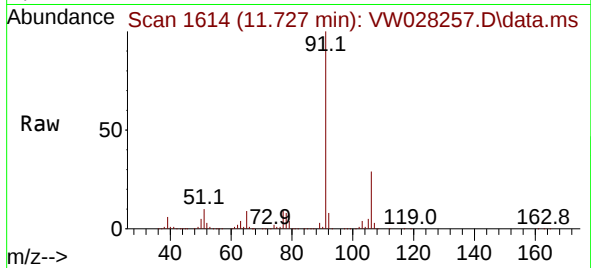




#52
Ethylbenzene
Concen: 22.185 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

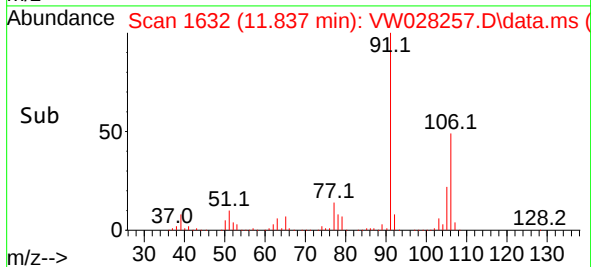
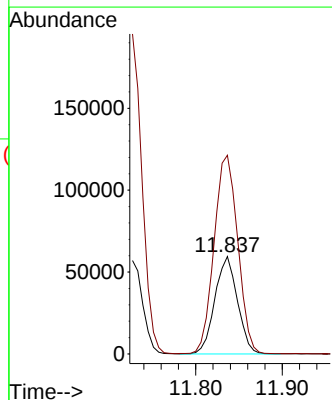
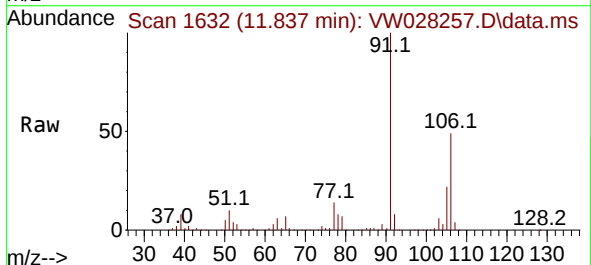
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

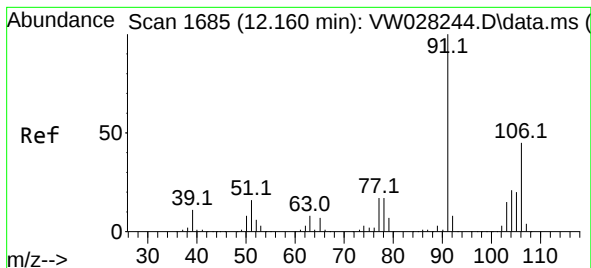
Tgt Ion: 91 Resp: 304436
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 20.867 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 106 Resp: 107756
Ion Ratio Lower Upper
106 100
91 203.9 147.1 273.1





#54

o-Xylene

Concen: 22.220 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

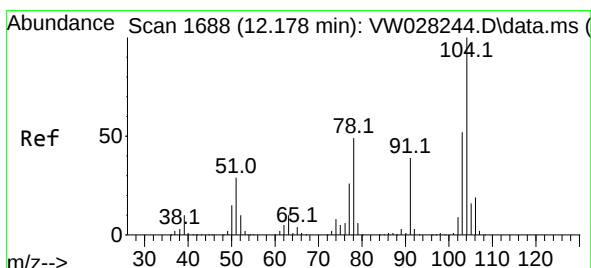
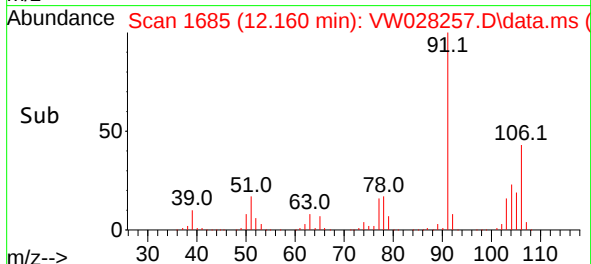
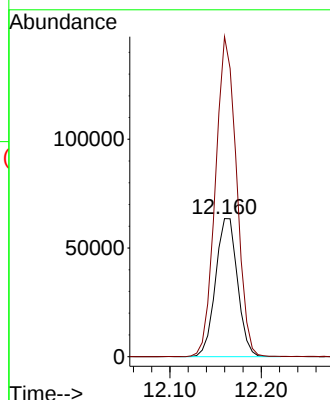
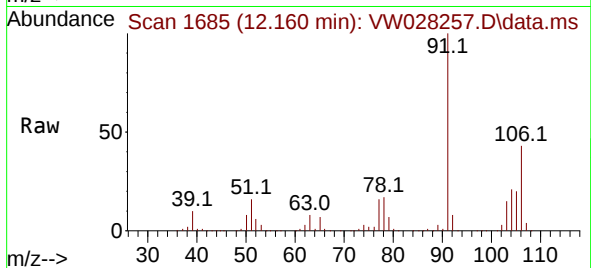
E07A9MS

Tgt Ion:106 Resp: 106405

Ion Ratio Lower Upper

106 100

91 231.8 149.2 277.2



#55

Styrene

Concen: 21.590 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028257.D

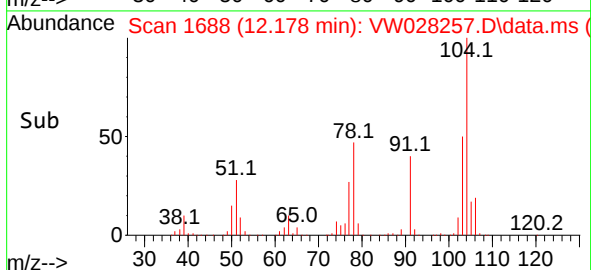
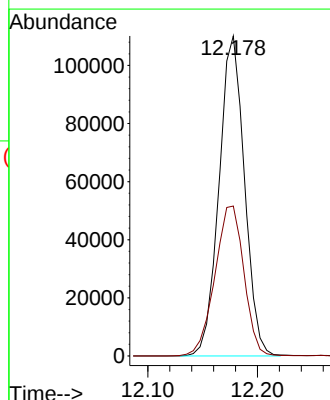
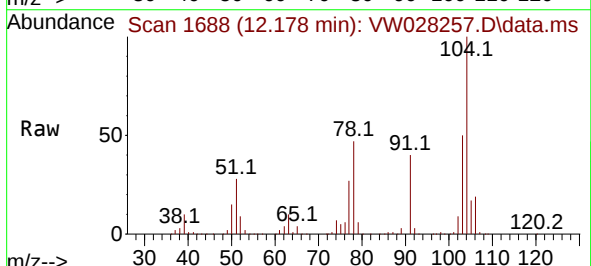
Acq: 27 Mar 2024 17:48

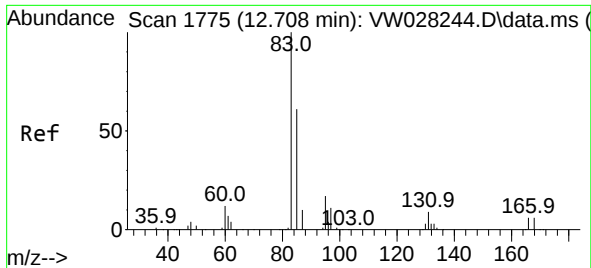
Tgt Ion:104 Resp: 177590

Ion Ratio Lower Upper

104 100

78 46.8 33.2 61.7

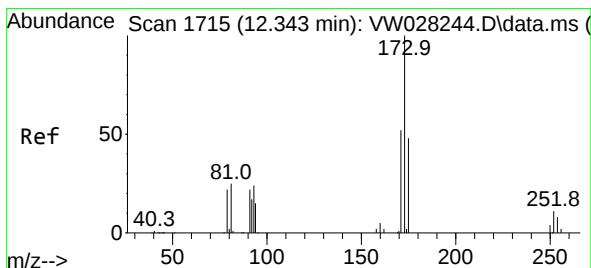
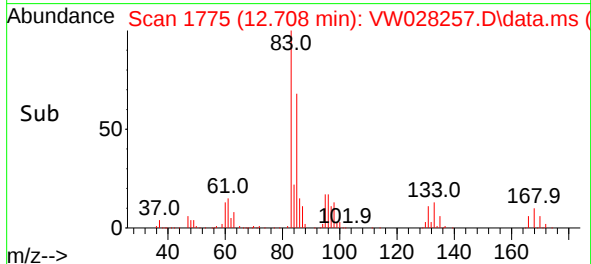
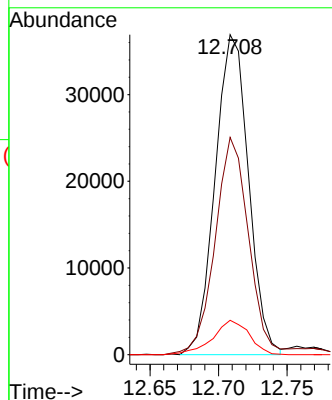
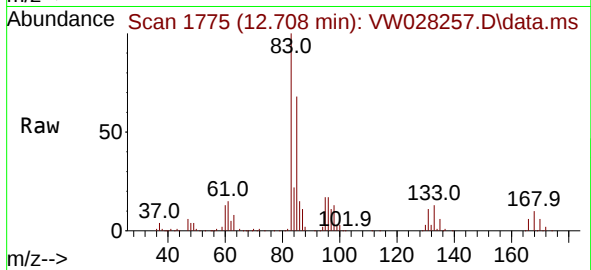




#57
1,1,2,2-Tetrachloroethane
Concen: 27.492 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

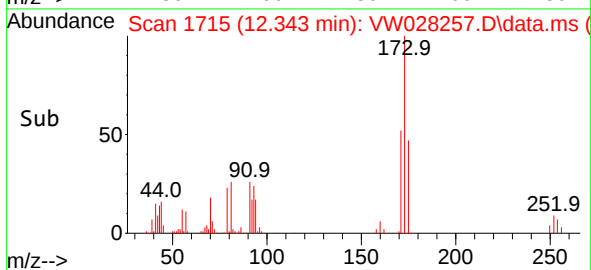
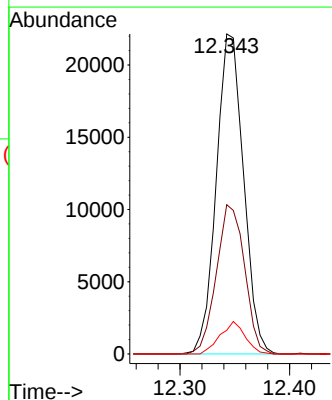
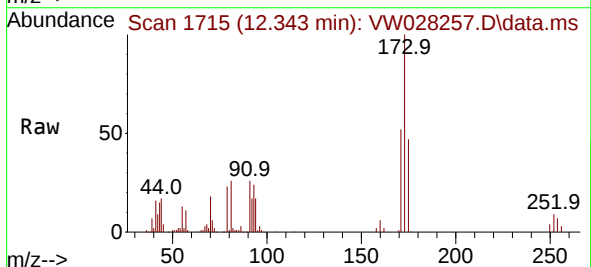
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

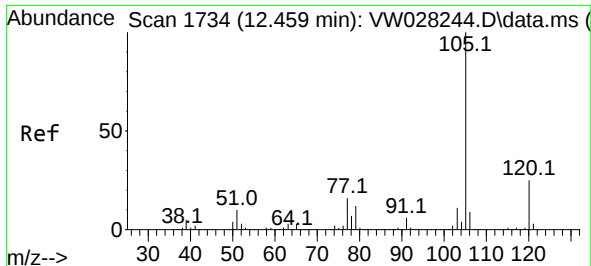
Tgt Ion: 83 Resp: 62594
Ion Ratio Lower Upper
83 100
85 67.9 47.0 87.2
131 10.7 8.9 13.3



#59
Bromoform
Concen: 47.880 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:173 Resp: 38291
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.6
254 9.3 8.5 12.7

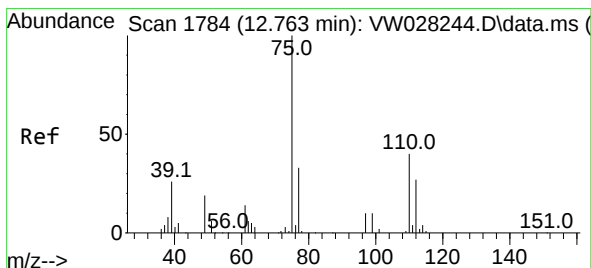
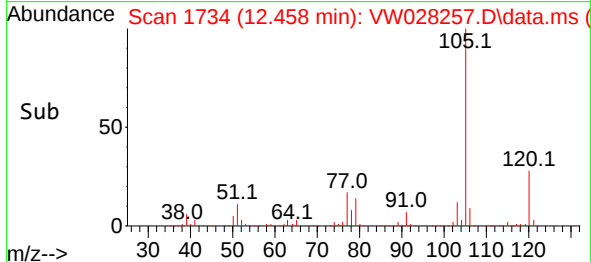
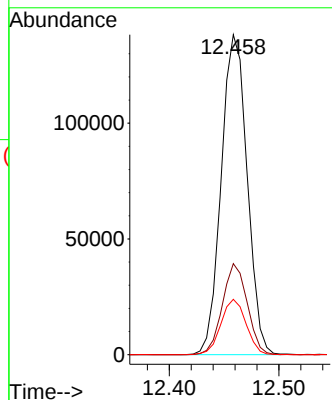
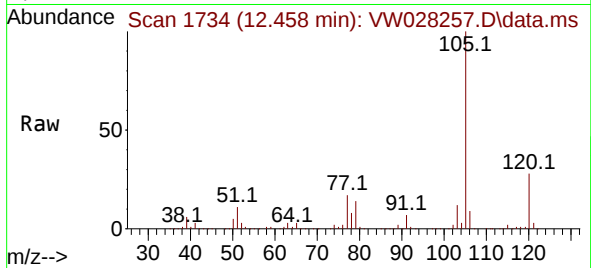




#60
Isopropylbenzene
Concen: 28.673 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

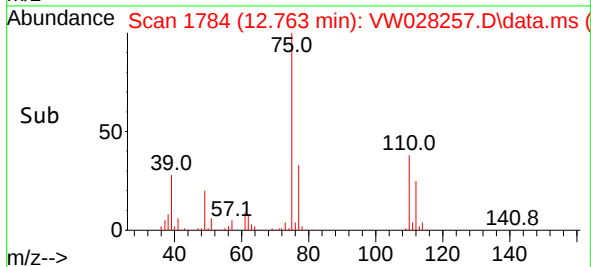
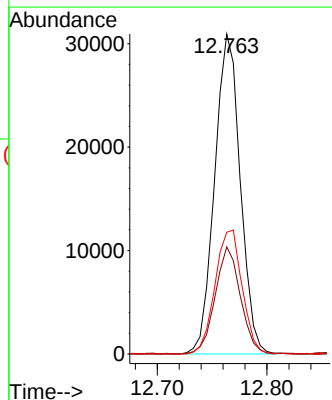
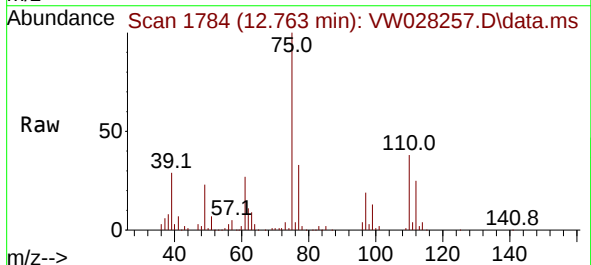
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

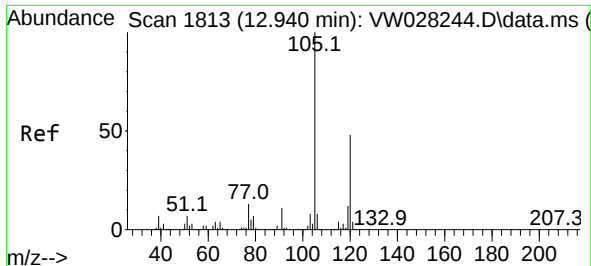
Tgt Ion:105 Resp: 227360
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.6
77 16.8 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 49.307 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 75 Resp: 50223
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
110 40.9 32.2 48.2

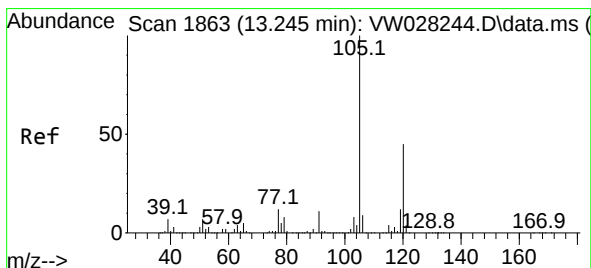
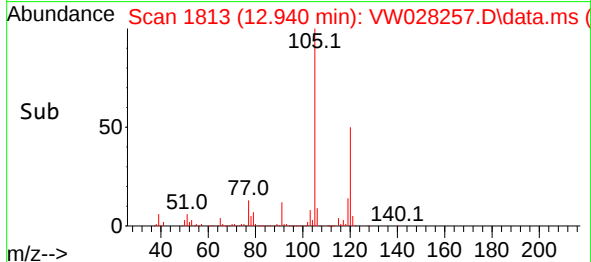
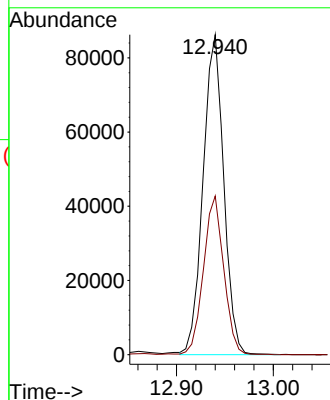
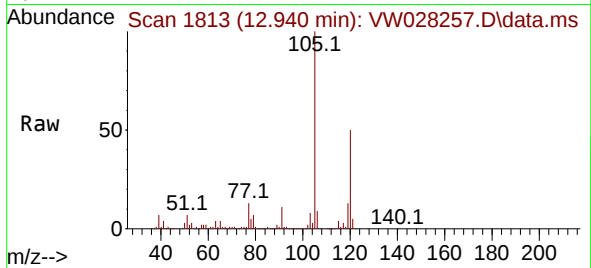




#62
1,3,5-Trimethylbenzene
Concen: 24.135 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

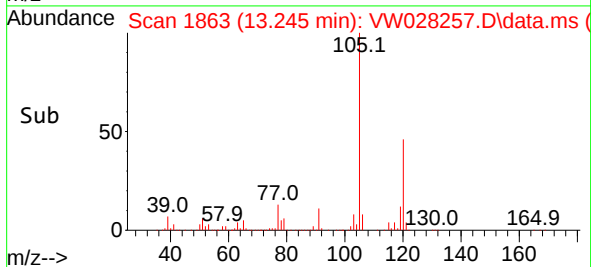
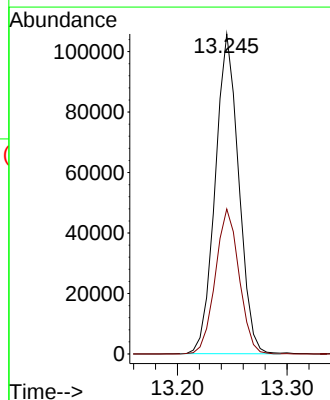
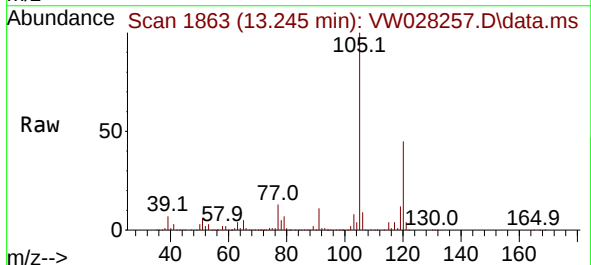
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

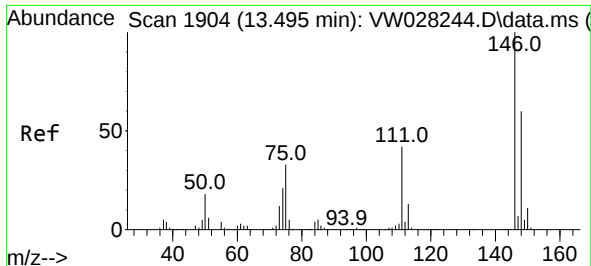
Tgt Ion:105 Resp: 128410
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 24.503 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:105 Resp: 157417
Ion Ratio Lower Upper
105 100
120 45.9 35.6 53.4

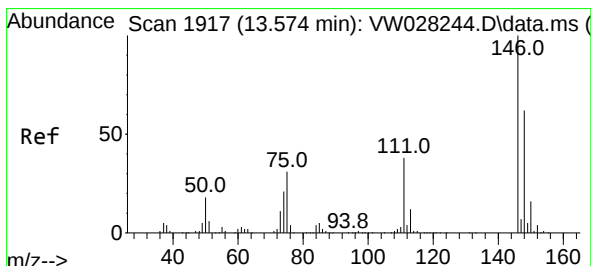
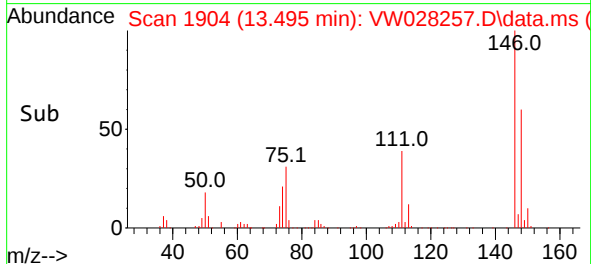
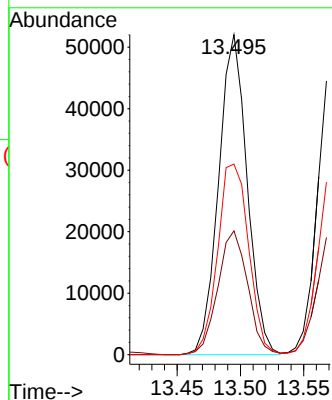
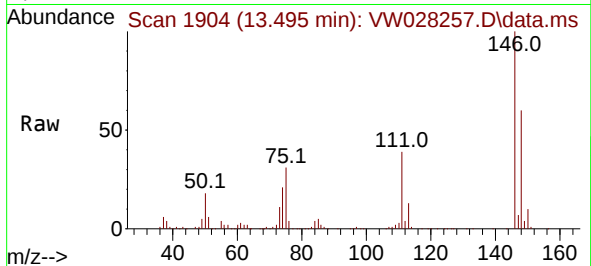




#64
1,3-Dichlorobenzene
Concen: 23.086 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

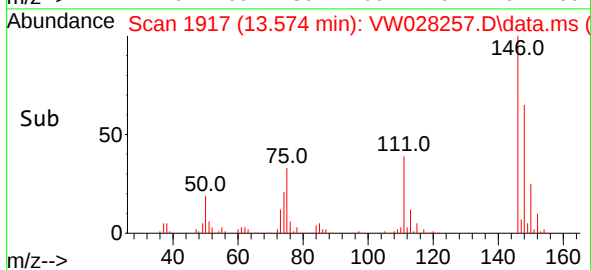
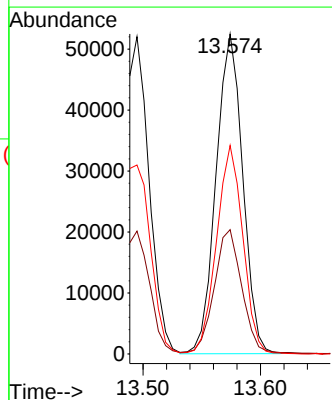
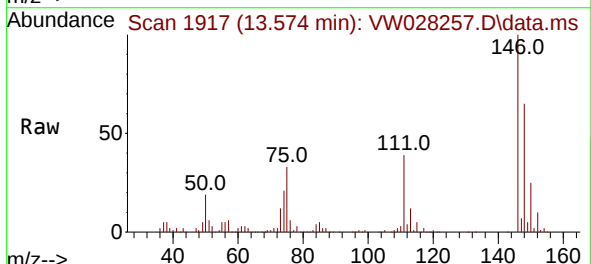
Instrument :
MSVOA_W
ClientSampleId :
E07A9MS

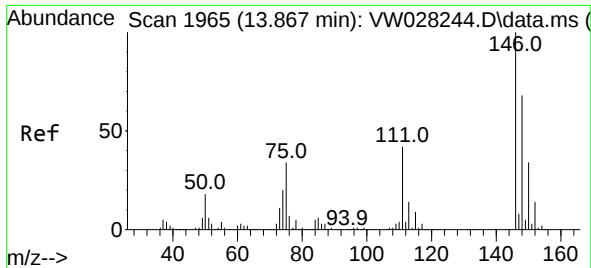
Tgt Ion:146 Resp: 81669
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 59.6 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 23.418 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:146 Resp: 82840
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.6
148 65.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 24.821 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

E07A9MS

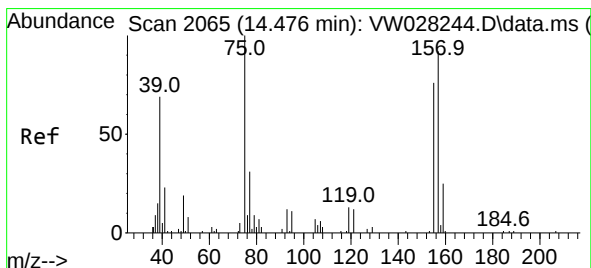
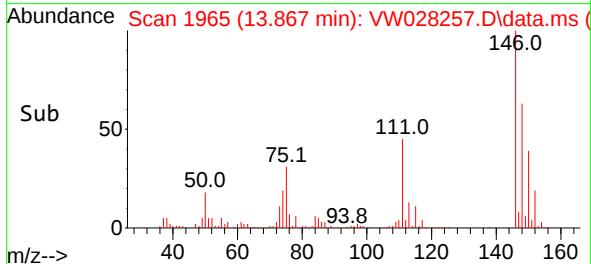
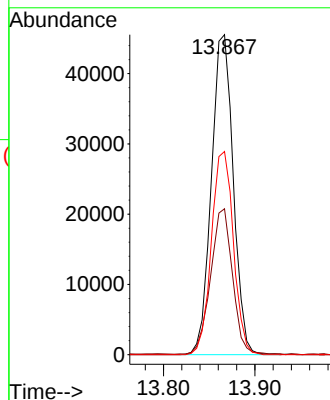
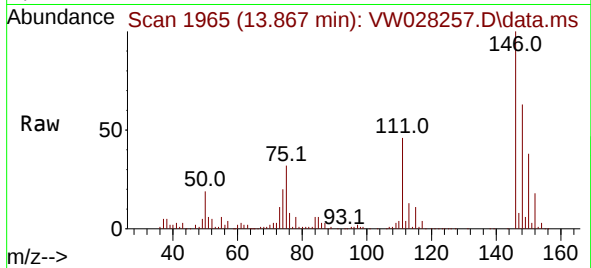
Tgt Ion:146 Resp: 75615

Ion Ratio Lower Upper

146 100

111 45.6 34.2 51.2

148 63.5 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 41.067 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

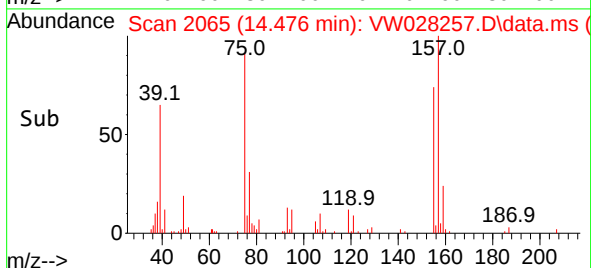
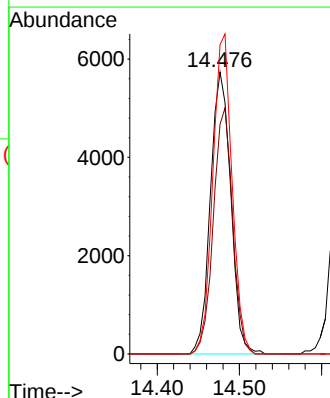
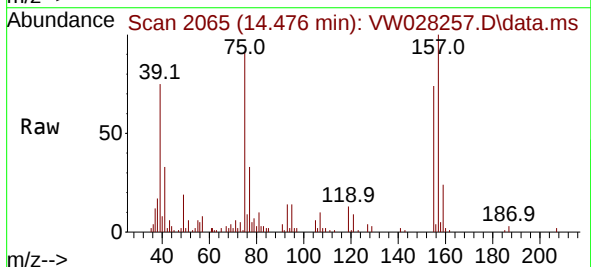
Tgt Ion: 75 Resp: 9826

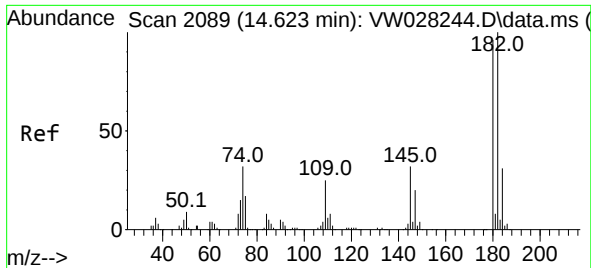
Ion Ratio Lower Upper

75 100

155 81.5 61.1 91.7

157 109.7 74.2 111.4

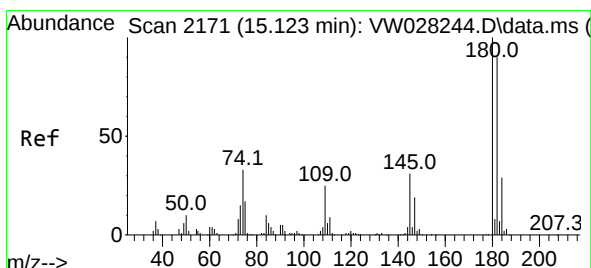
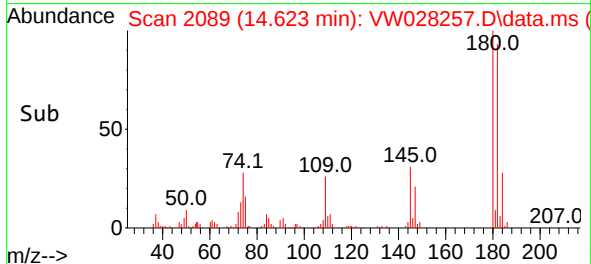
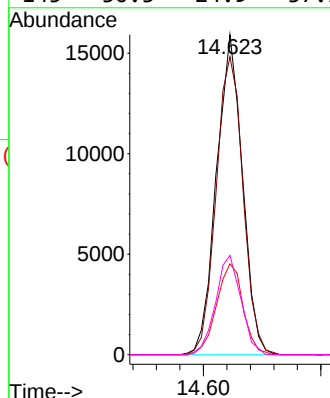
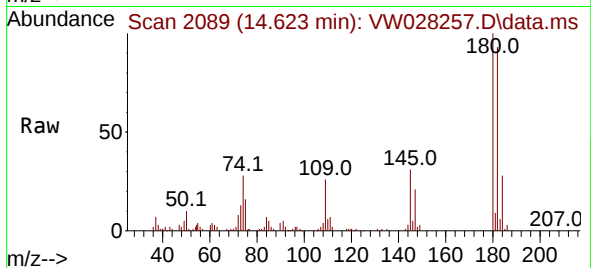




#69
 1,3,5-Trichlorobenzene
 Concen: 9.915 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

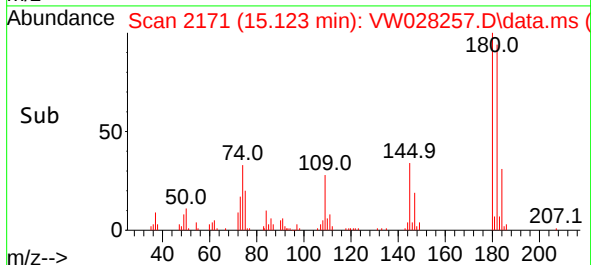
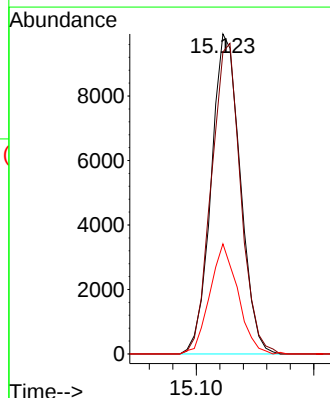
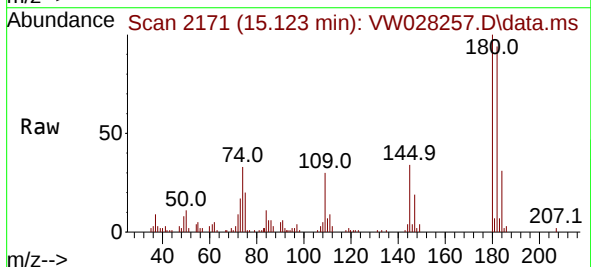
Instrument :
 MSVOA_W
 ClientSampleId :
 E07A9MS

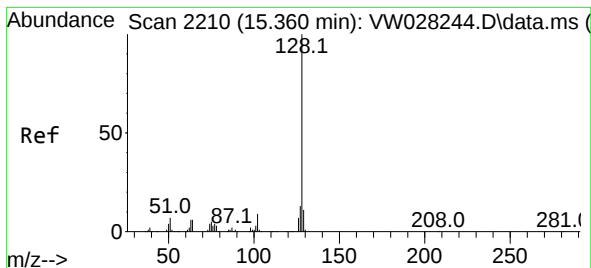
Tgt Ion:180	Resp:	24432
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.6 114.8
184	28.9	23.5 35.3
145	30.3	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 8.149 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Tgt Ion:180	Resp:	17060
Ion Ratio	Lower	Upper
180	100	
182	97.6	73.8 110.8
145	33.2	25.0 37.6





#71

Naphthalene

Concen: 16.621 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

E07A9MS

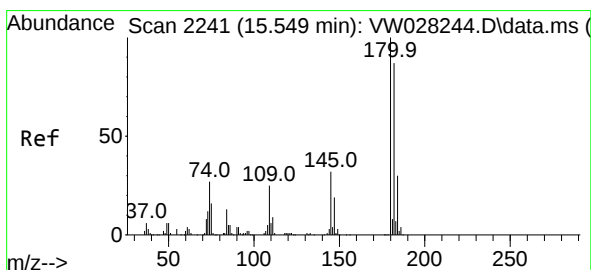
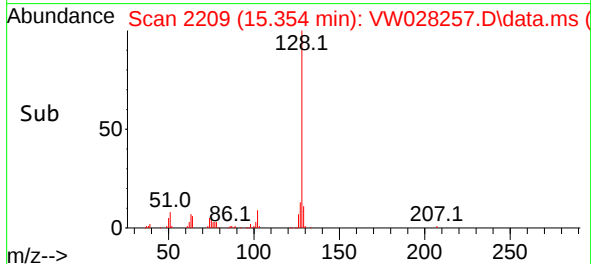
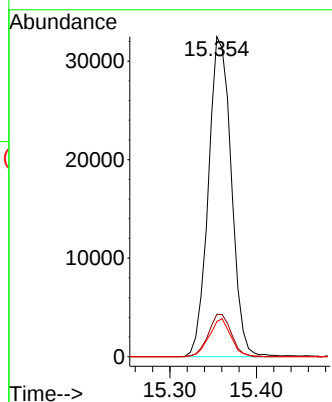
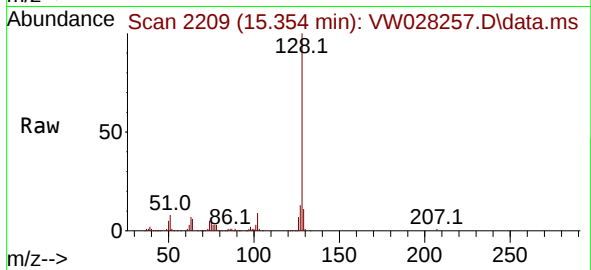
Tgt Ion:128 Resp: 59721

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 7.468 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Tgt Ion:180 Resp: 12888

Ion Ratio Lower Upper

180 100

182 106.2 76.0 114.0

145 36.0 27.1 40.7

