

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024347.D
 Acq On : 26 Aug 2022 12:04
 Operator : SY/VA
 Sample : VSTD02521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 23:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	247599	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	157187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	182542	26.745	ug/L	0.00
7) Chloroethane-d5	2.873	69	133065	26.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	146813	25.369	ug/L	0.00
21) 2-Butanone-d5	7.080	46	64434	53.128	ug/L	0.00
24) Chloroform-d	7.647	84	204540	25.696	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	130751	27.086	ug/L	0.00
32) Benzene-d6	8.275	84	393451	25.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	121868	25.599	ug/L	0.00
41) Toluene-d8	10.323	98	393746	27.053	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	58657	26.240	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	59769	56.314	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	147092	27.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	156273	26.401	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	58325	22.927	ug/L	100
3) Chloromethane	2.215	50	112634	24.272	ug/L	100
5) Vinyl chloride	2.349	62	211162	26.071	ug/L	100
6) Bromomethane	2.763	94	136123	23.944	ug/L	100
8) Chloroethane	2.910	64	104156	24.335	ug/L	100
9) Trichlorofluoromethane	3.245	101	97018	25.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	88000	24.175	ug/L	100
12) 1,1-Dichloroethene	4.031	96	72522	24.522	ug/L	100
13) Acetone	4.129	43	34780	45.786	ug/L	100
14) Carbon disulfide	4.373	76	236054	24.016	ug/L	100
15) Methyl Acetate	4.672	43	44291	24.205	ug/L	100
16) Methylene chloride	4.909	84	86431	21.098	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	90078	25.732	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	146108	25.490	ug/L	100
19) 1,1-Dichloroethane	6.208	63	160197	24.200	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	96474	25.061	ug/L	100
22) 2-Butanone	7.171	43	64652	48.360	ug/L	100
23) Bromochloromethane	7.513	128	45955	24.447	ug/L	100
25) Chloroform	7.671	83	178884	24.356	ug/L	100
27) 1,2-Dichloroethane	8.396	62	136112	25.460	ug/L	100
29) Cyclohexane	7.951	56	153212	26.599	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	150237	23.851	ug/L	100
31) Carbon tetrachloride	8.067	117	137390	23.841	ug/L	100
33) Benzene	8.323	78	431963	25.976	ug/L	100
34) Trichloroethene	9.091	95	100046	22.820	ug/L	100
35) Methylcyclohexane	9.335	83	185843	26.416	ug/L	100
37) 1,2-Dichloropropane	9.366	63	106968	25.049	ug/L	100
38) Bromodichloromethane	9.640	83	144450	24.709	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	156306	26.047	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	160450	53.104	ug/L	100
42) Toluene	10.384	91	499922	27.232	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	154109	26.429	ug/L	100

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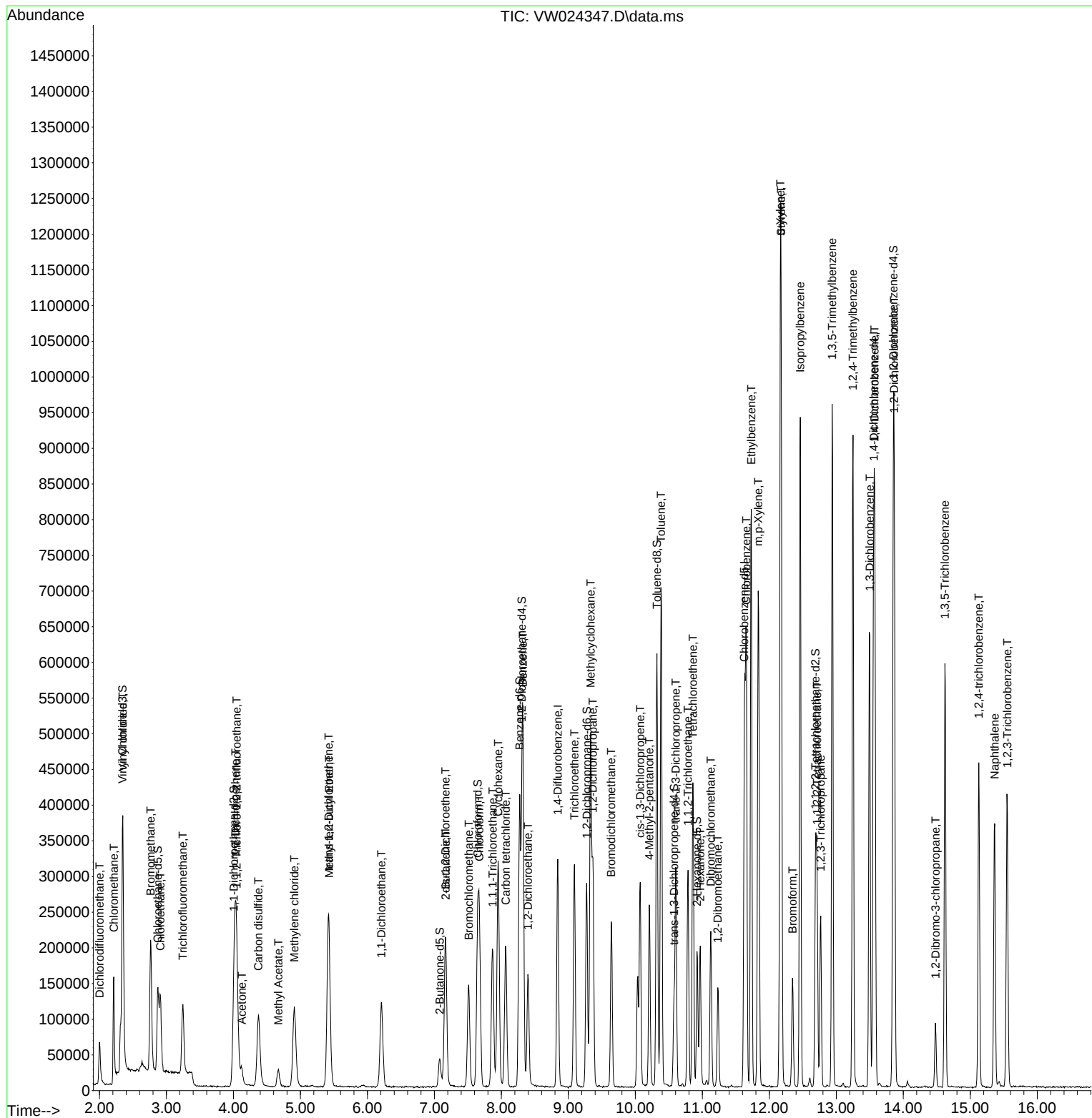
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	89775	25.645	ug/L	100
46) Tetrachloroethene	10.859	164	86479	25.398	ug/L	100
48) 2-Hexanone	10.969	43	122453	54.397	ug/L	100
49) Dibromochloromethane	11.128	129	106690	25.768	ug/L	100
50) 1,2-Dibromoethane	11.231	107	86711	25.764	ug/L	100
51) Chlorobenzene	11.658	112	314508	25.525	ug/L	100
52) Ethylbenzene	11.731	91	556118	27.401	ug/L	100
53) m,p-Xylene	11.835	106	217048	27.231	ug/L	100
54) o-Xylene	12.164	106	209350	28.096	ug/L	100
55) Styrene	12.176	104	377217	28.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	128129	26.222	ug/L	100
59) Bromoform	12.347	173	61895	24.537	ug/L	100
60) Isopropylbenzene	12.463	105	566452	27.132	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89701	25.144	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	479122	28.461	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	468389	28.645	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	256750	25.722	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	266239	25.263	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	239037	25.547	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21001	23.516	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	160527	24.916	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	127058	25.369	ug/L	100
71) Naphthalene	15.365	128	301798	27.438	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	123290	26.047	ug/L	100

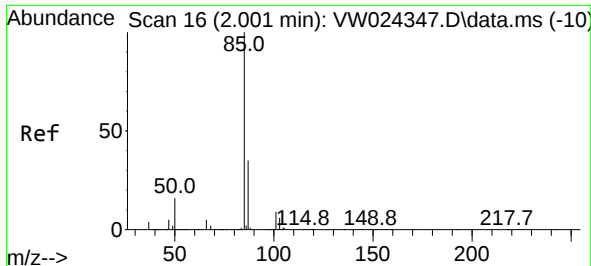
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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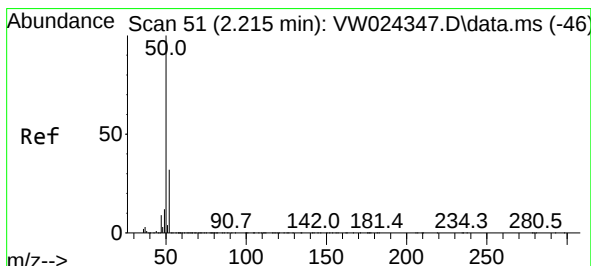
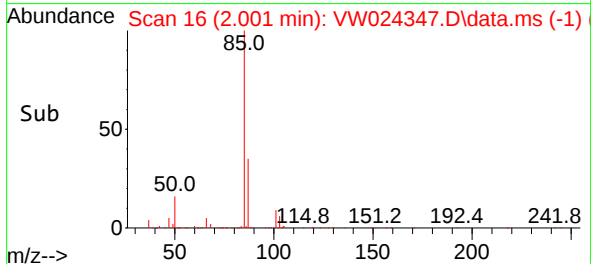
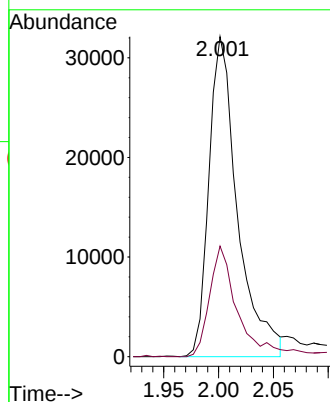
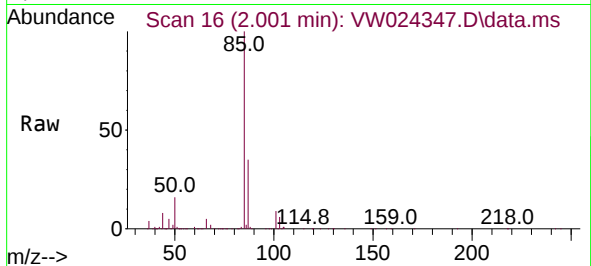




#2
Dichlorodifluoromethane
Concen: 22.927 ug/L
RT: 2.001 min Scan# 16
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

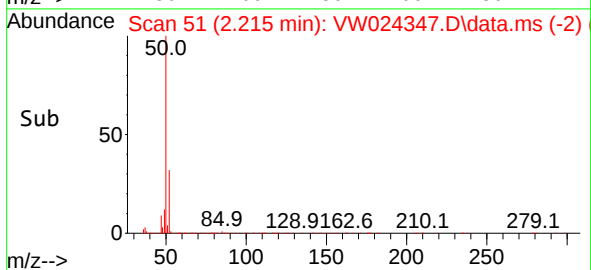
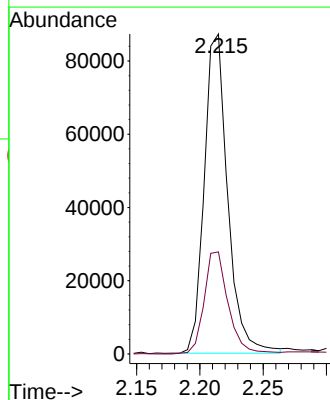
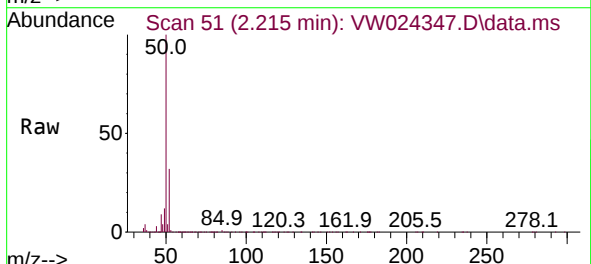
Instrument :
MSVOA_W
ClientSampleId :

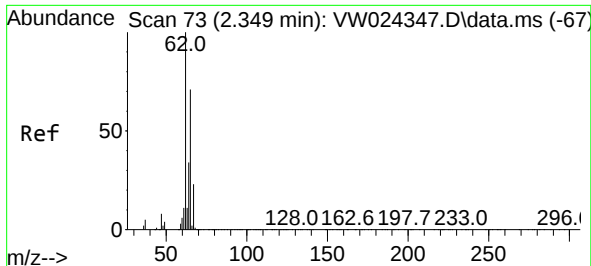
Tgt Ion: 85 Resp: 58325
Ion Ratio Lower Upper
85 100
87 30.9 24.7 37.1



#3
Chloromethane
Concen: 24.272 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 50 Resp: 112634
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5

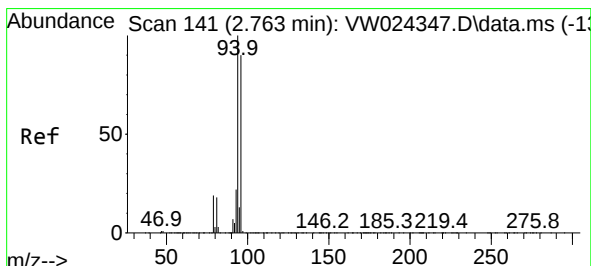
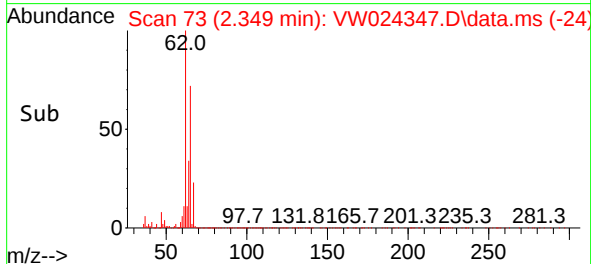
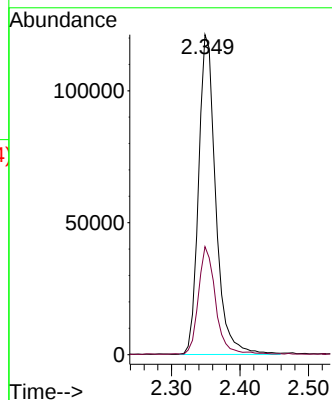
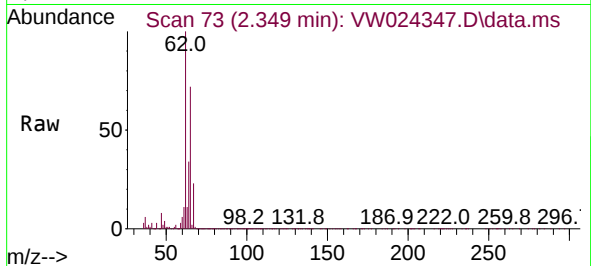




#5
 Vinyl chloride
 Concen: 26.071 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

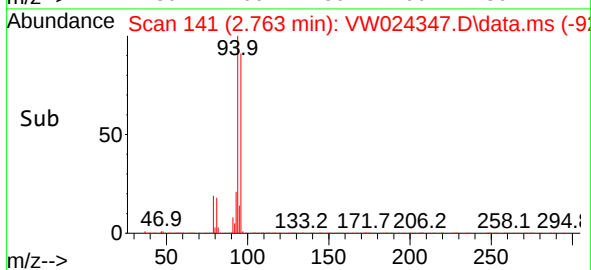
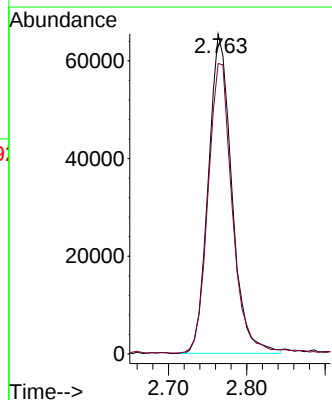
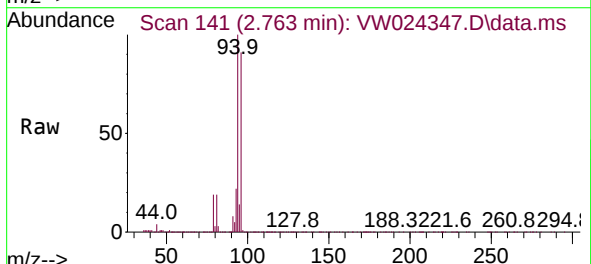
Instrument :
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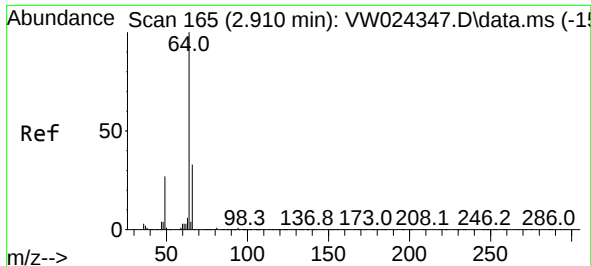
Tgt Ion: 62 Resp: 211162
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 23.944 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion: 94 Resp: 136123
 Ion Ratio Lower Upper
 94 100
 96 90.8 63.6 118.0

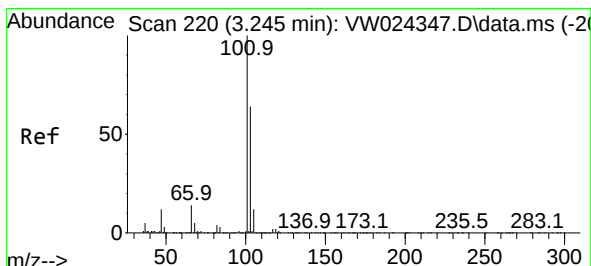
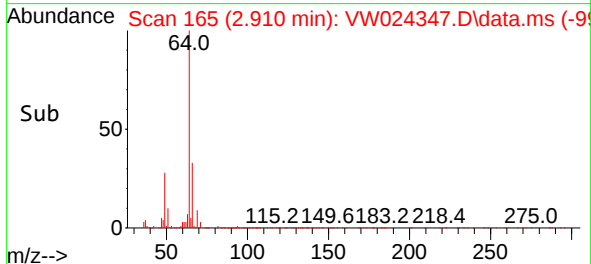
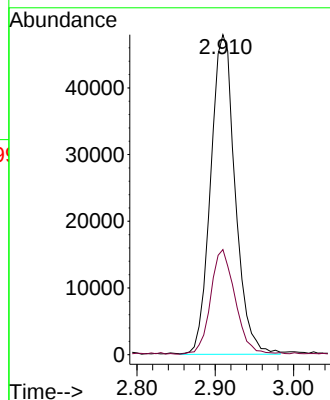
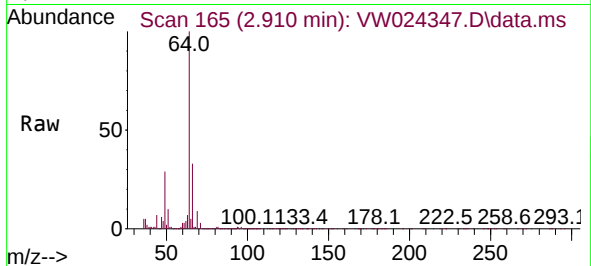




#8
Chloroethane
Concen: 24.335 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

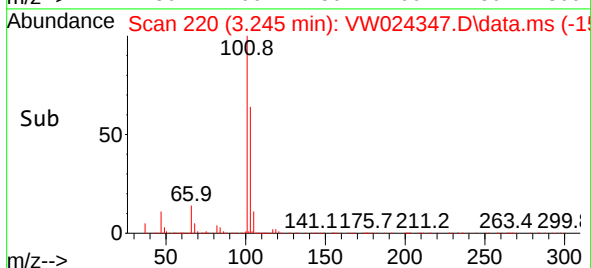
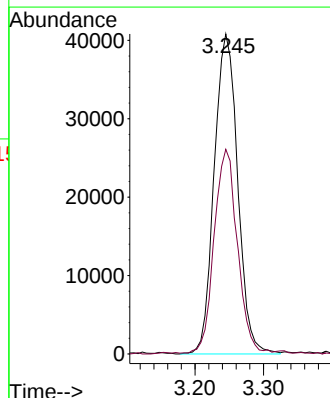
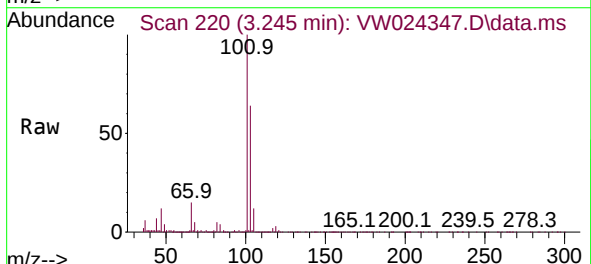
Instrument :
MSVOA_W
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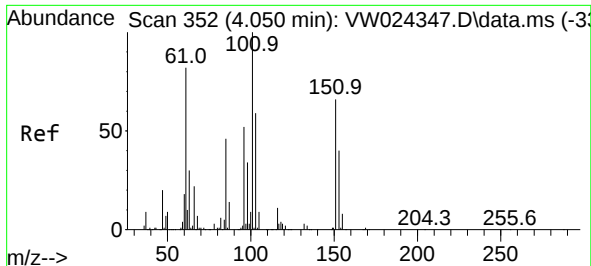
Tgt Ion: 64 Resp: 104156
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.474 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 101 Resp: 97018
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6

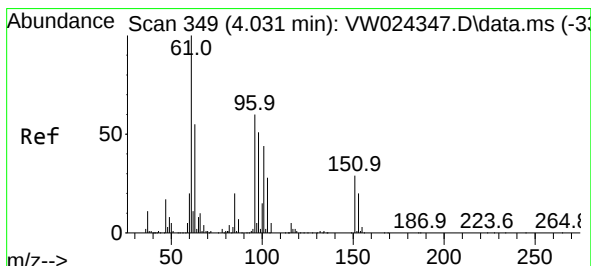
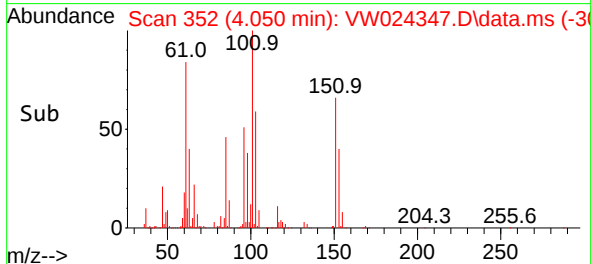
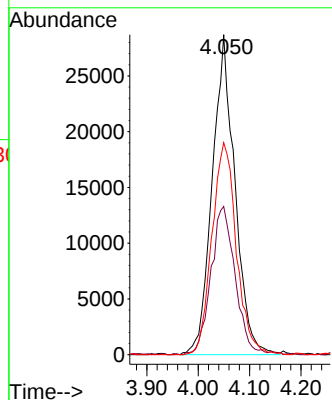
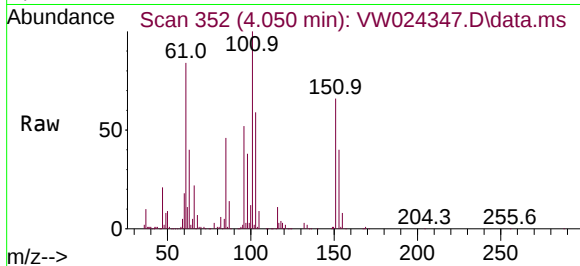




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.175 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

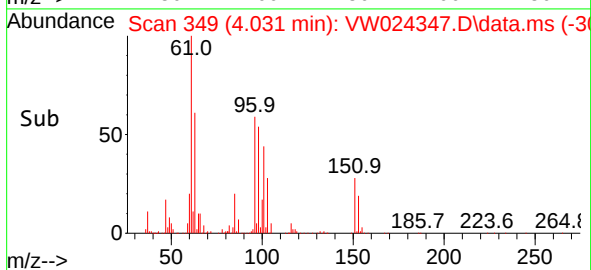
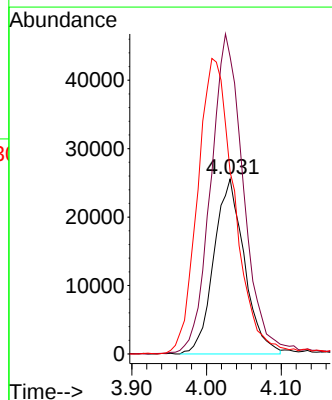
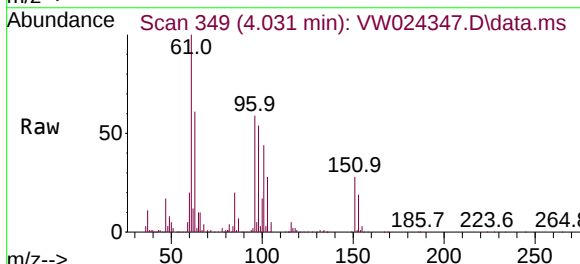
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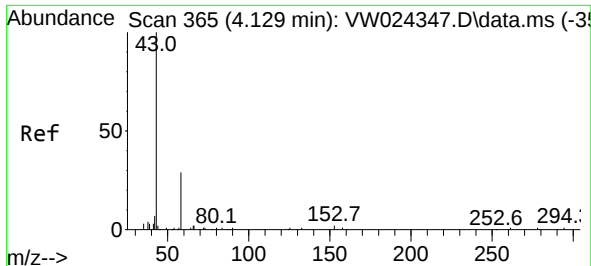
Tgt Ion:101 Resp: 88000
 Ion Ratio Lower Upper
 101 100
 85 48.9 39.1 58.7
 151 71.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 24.522 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion: 96 Resp: 72522
 Ion Ratio Lower Upper
 96 100
 61 169.7 118.8 220.6
 63 104.0 72.8 135.2

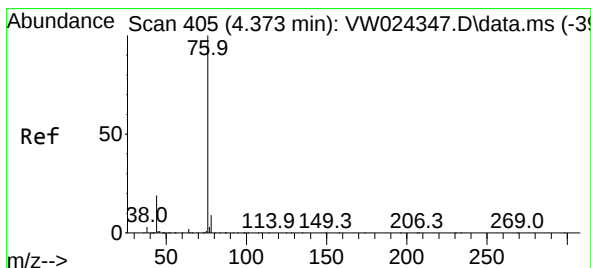
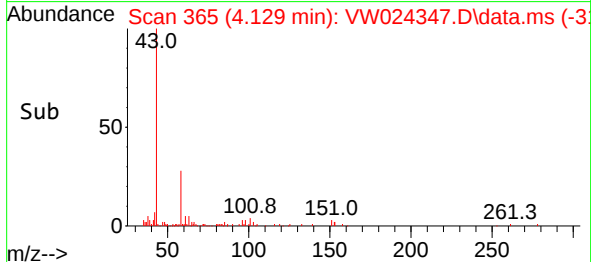
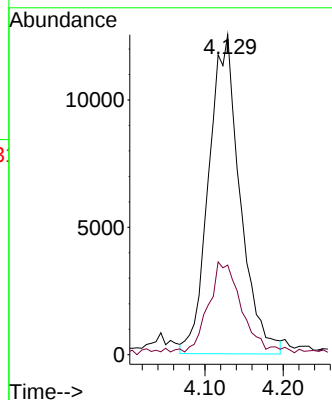
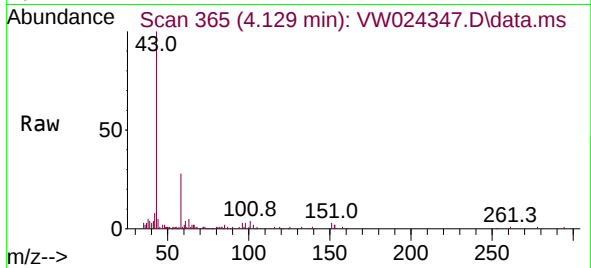




#13
Acetone
Concen: 45.786 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

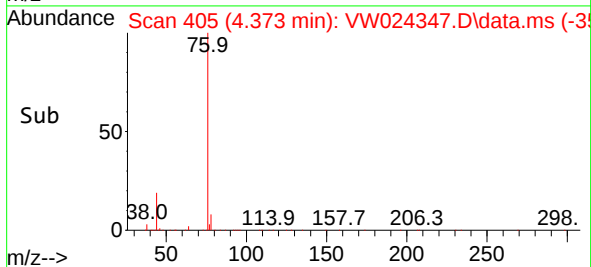
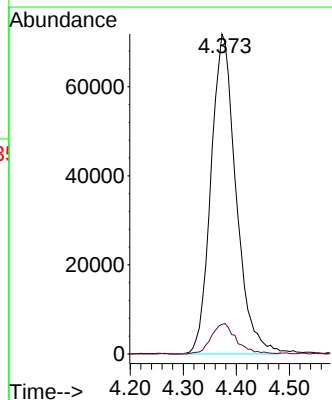
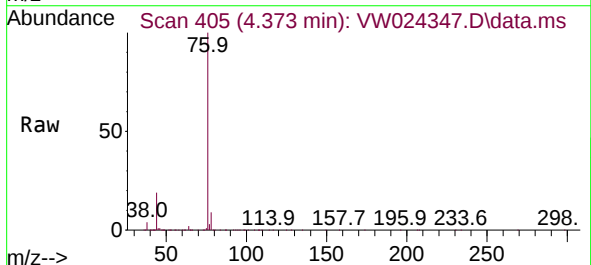
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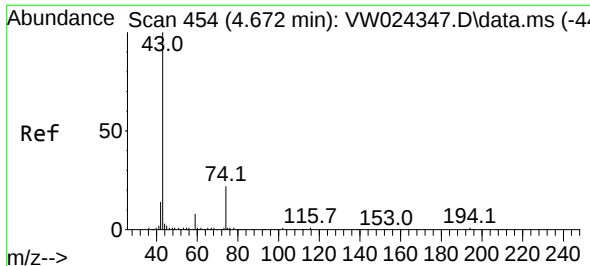
Tgt Ion: 43 Resp: 34780
Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.4



#14
Carbon disulfide
Concen: 24.016 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 76 Resp: 236054
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

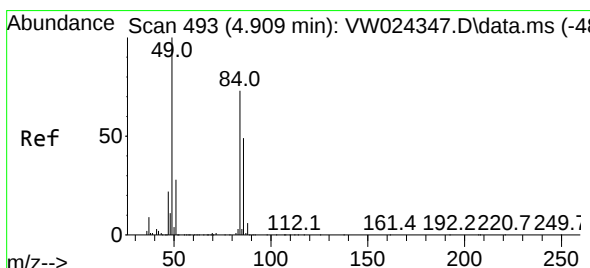
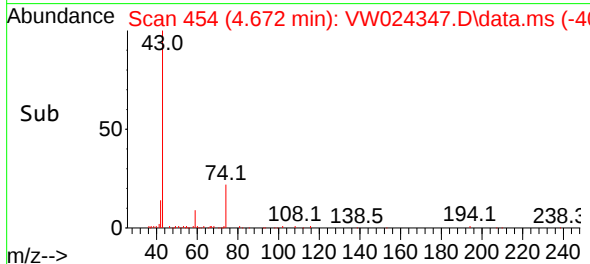
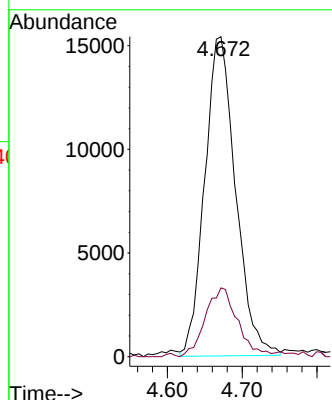
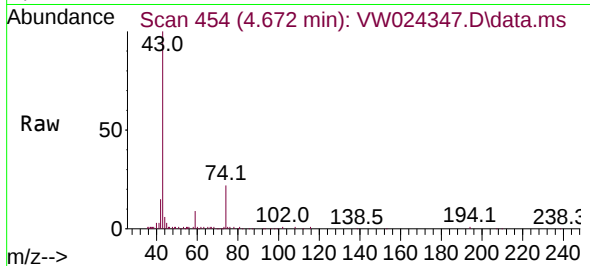




#15
Methyl Acetate
Concen: 24.205 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

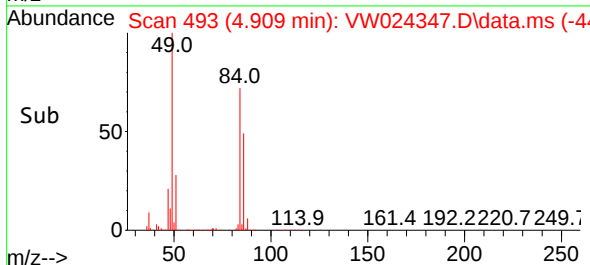
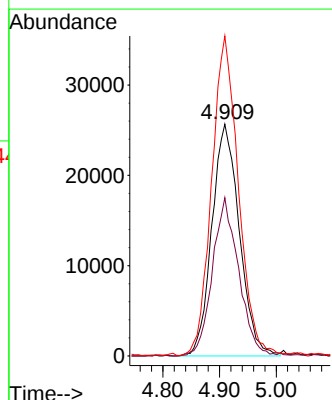
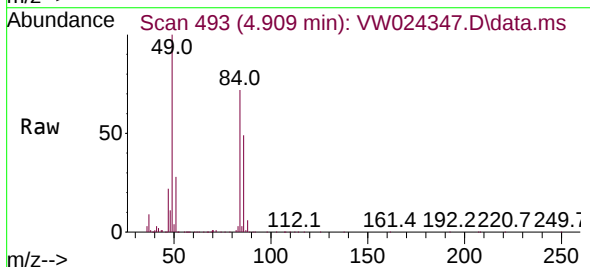
Instrument :
MSVOA_W
ClientSampleId :

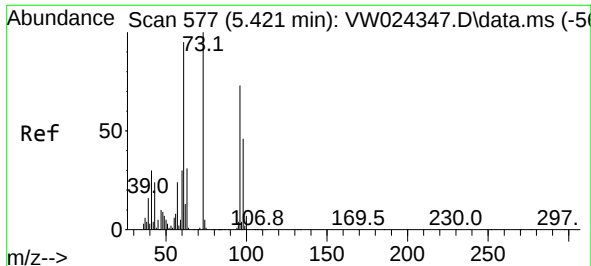
Tgt Ion: 43 Resp: 44291
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9



#16
Methylene chloride
Concen: 21.098 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 84 Resp: 86431
Ion Ratio Lower Upper
84 100
86 68.2 47.7 88.7
49 138.0 96.6 179.4

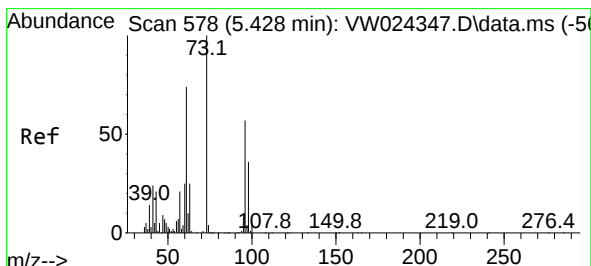
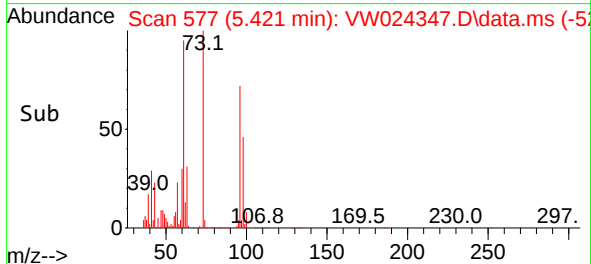
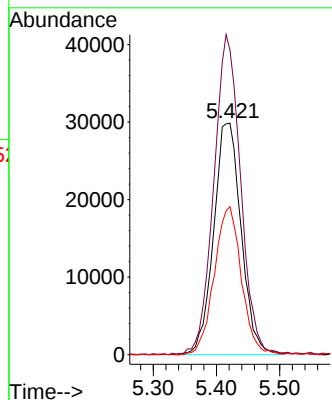
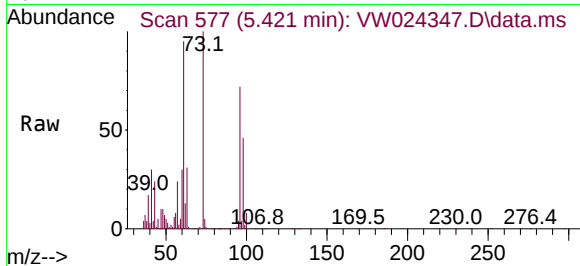




#17
trans-1,2-Dichloroethene
Concen: 25.732 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

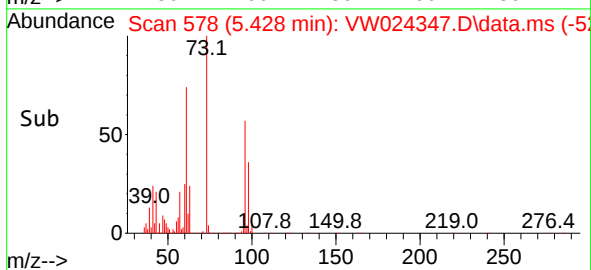
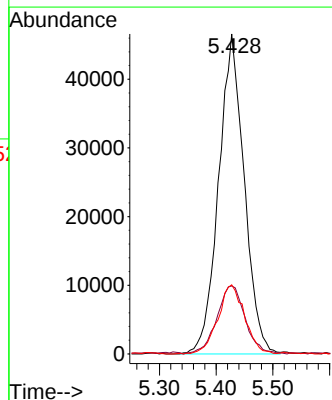
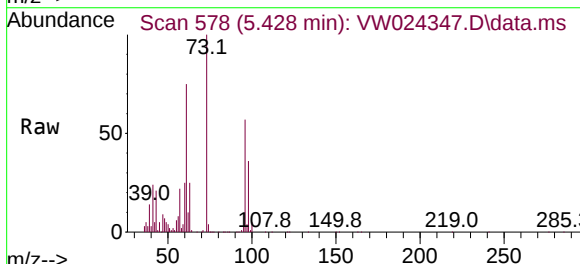
Instrument :
MSVOA_W
ClientSampleId :

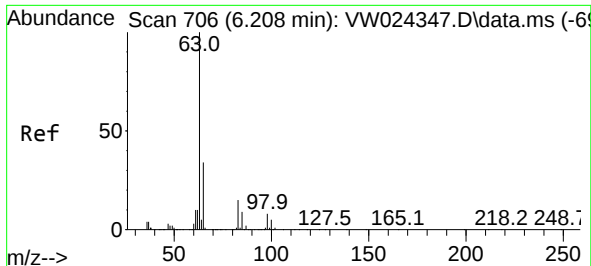
Tgt Ion: 96 Resp: 90078
Ion Ratio Lower Upper
96 100
61 131.6 92.1 171.1
98 63.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 25.490 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 73 Resp: 146108
Ion Ratio Lower Upper
73 100
43 23.5 18.8 28.2
57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 24.200 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

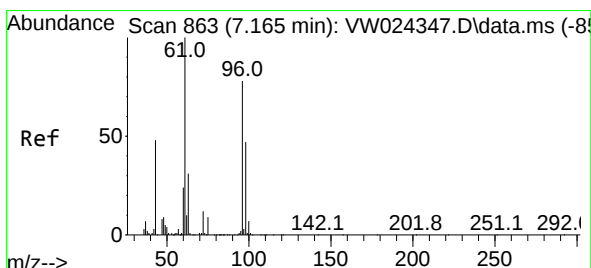
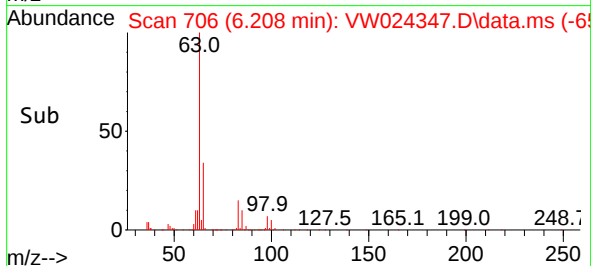
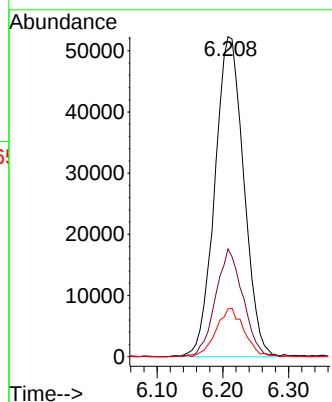
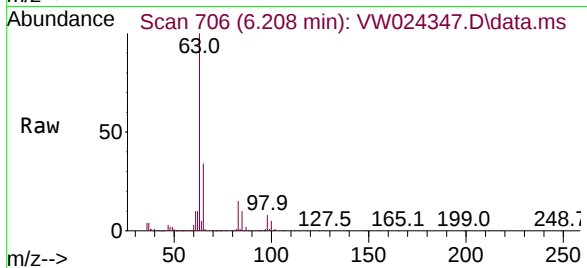
Tgt Ion: 63 Resp: 160197

Ion Ratio Lower Upper

63 100

65 33.7 23.6 43.8

83 14.9 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 25.061 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

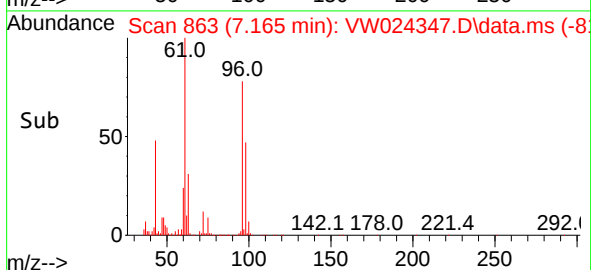
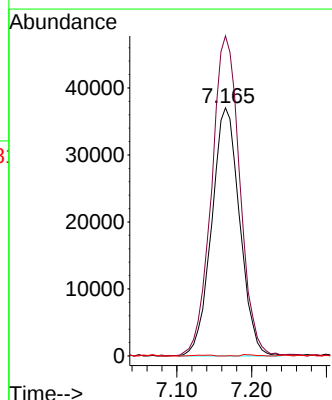
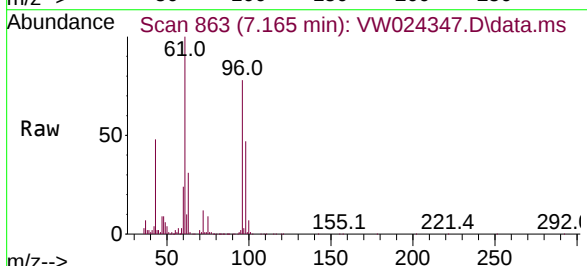
Tgt Ion: 96 Resp: 96474

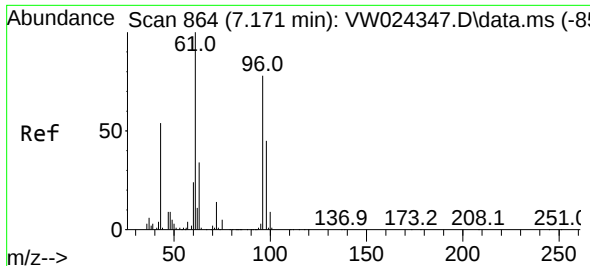
Ion Ratio Lower Upper

96 100

61 128.9 90.2 167.6

68 0.0 0.0 0.0

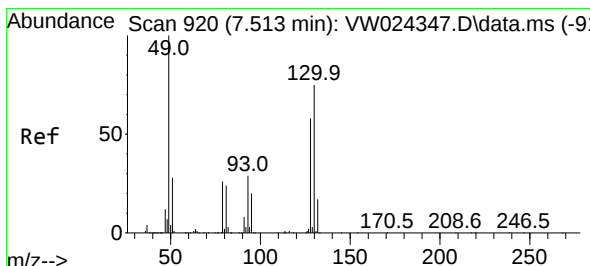
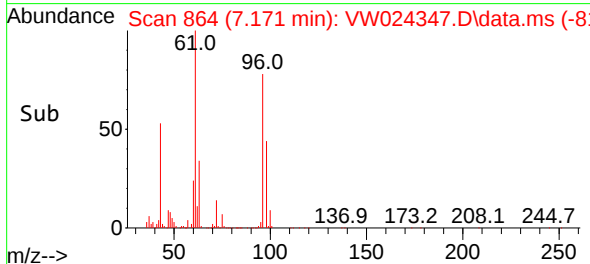
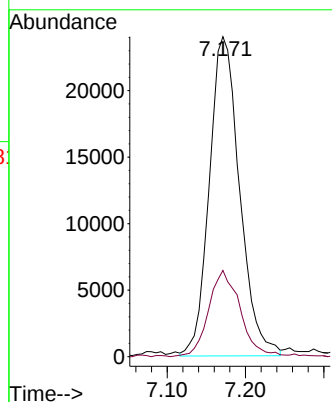
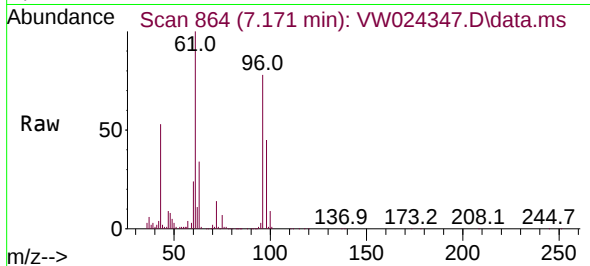




#22
2-Butanone
Concen: 48.360 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

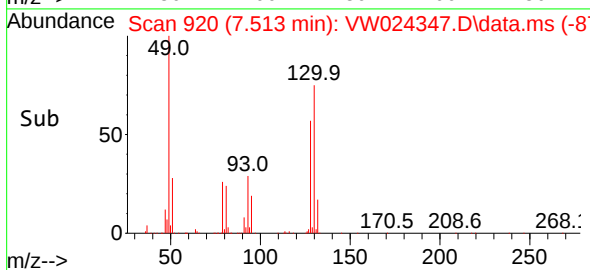
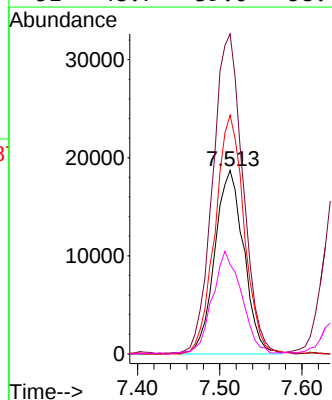
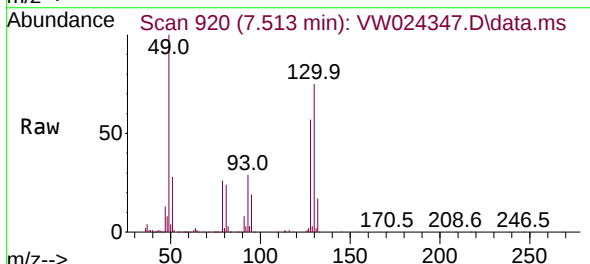
Instrument :
MSVOA_W
ClientSampleId :

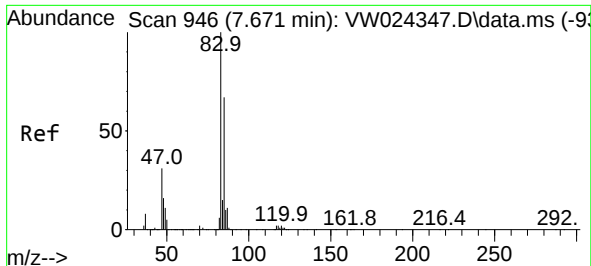
Tgt Ion: 43 Resp: 64652
Ion Ratio Lower Upper
43 100
72 27.7 13.9 41.6



#23
Bromochloromethane
Concen: 24.447 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 128 Resp: 45955
Ion Ratio Lower Upper
128 100
49 174.4 122.1 226.7
130 130.1 91.1 169.1
51 48.7 39.0 58.4

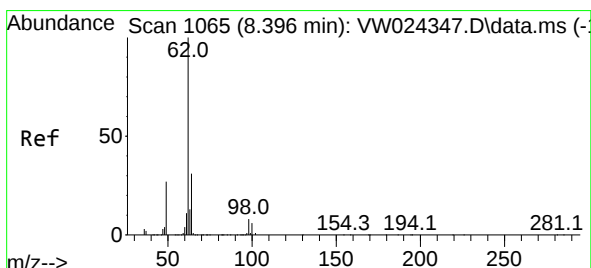
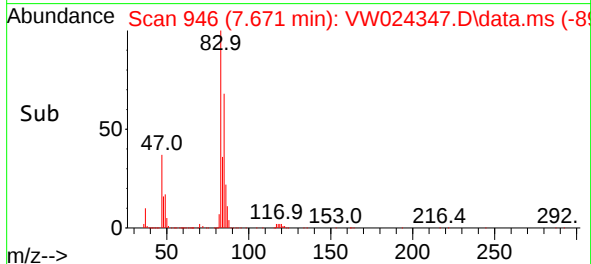
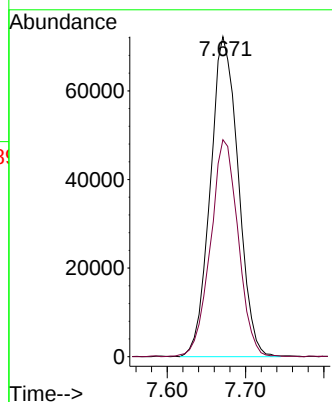
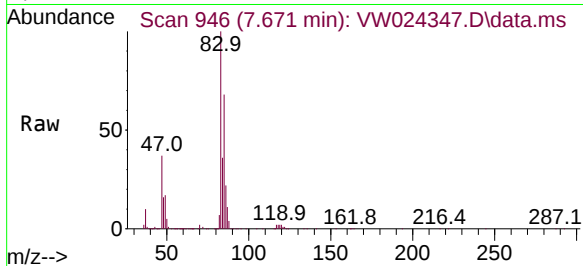




#25
Chloroform
Concen: 24.356 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

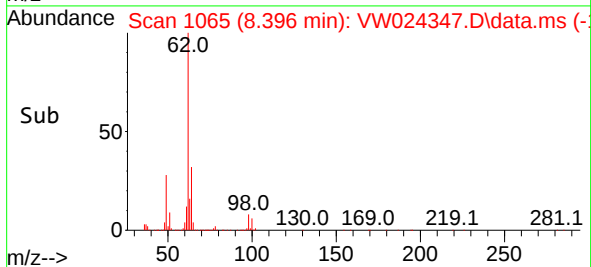
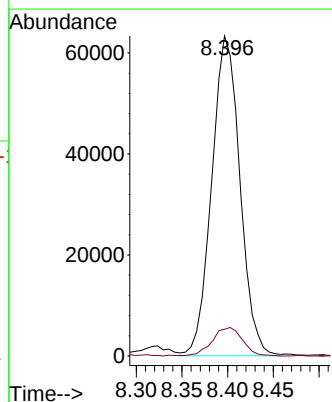
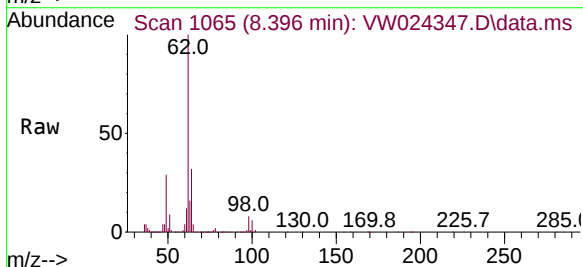
Instrument :
MSVOA_W
ClientSampleId :

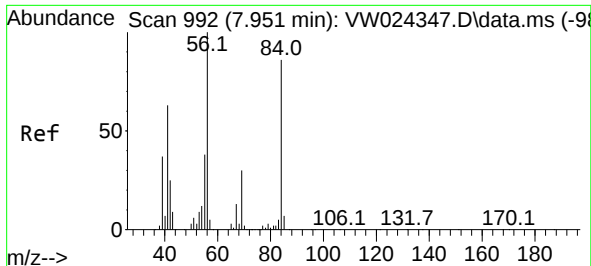
Tgt Ion: 83 Resp: 178884
Ion Ratio Lower Upper
83 100
85 67.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 25.460 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

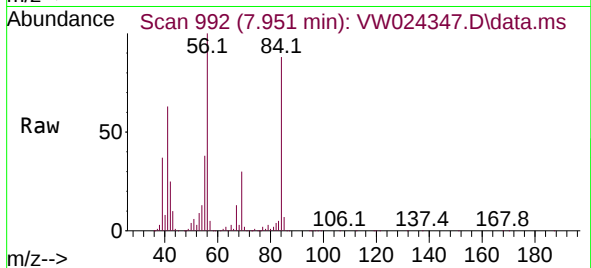
Tgt Ion: 62 Resp: 136112
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1



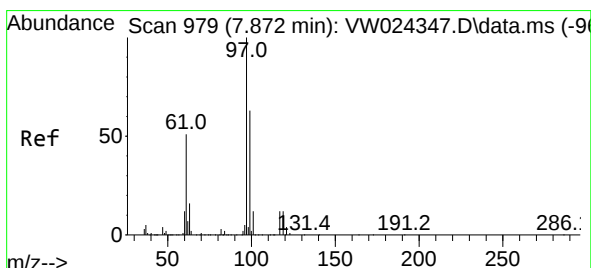
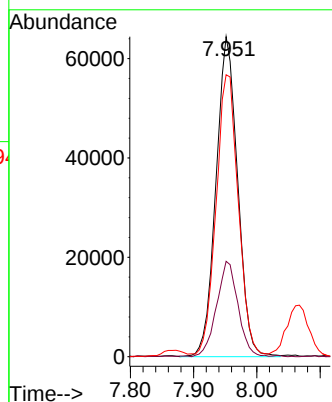
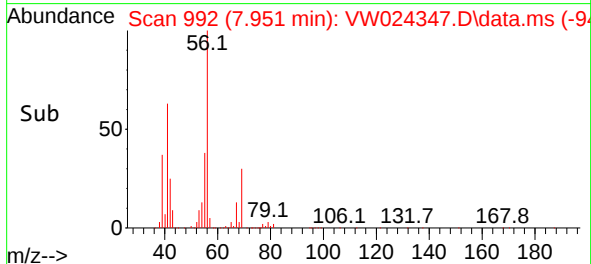


#29
Cyclohexane
Concen: 26.599 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Instrument :
MSVOA_W
ClientSampleId :

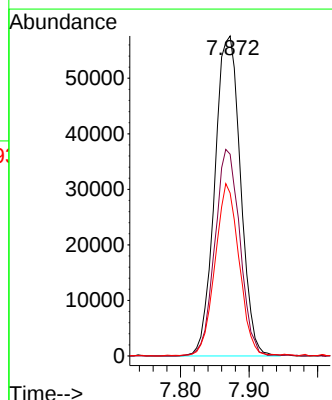
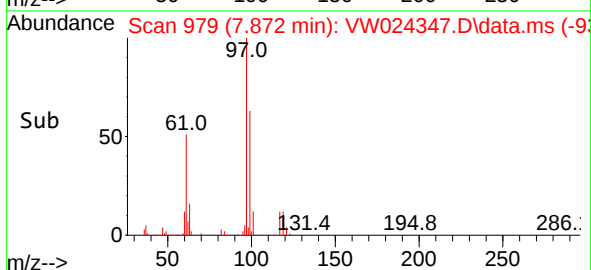
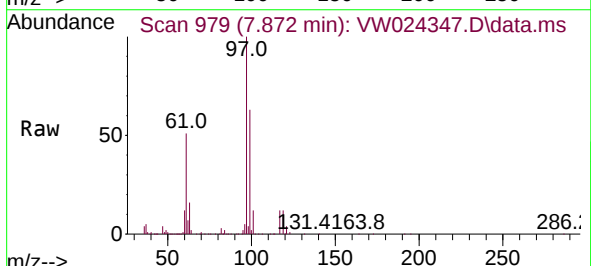


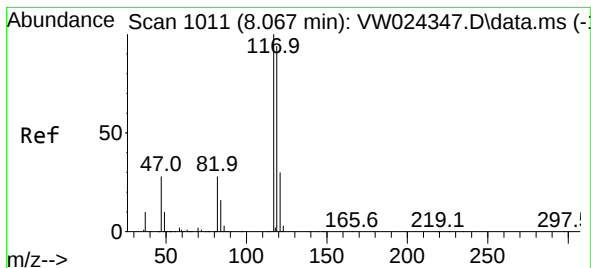
Tgt Ion: 56 Resp: 153212
Ion Ratio Lower Upper
56 100
69 29.4 23.5 35.3
84 90.3 72.2 108.4



#30
1,1,1-Trichloroethane
Concen: 23.851 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 97 Resp: 150237
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 50.3 40.2 60.4





#31

Carbon tetrachloride

Concen: 23.841 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

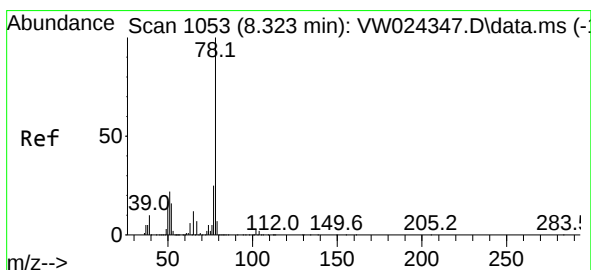
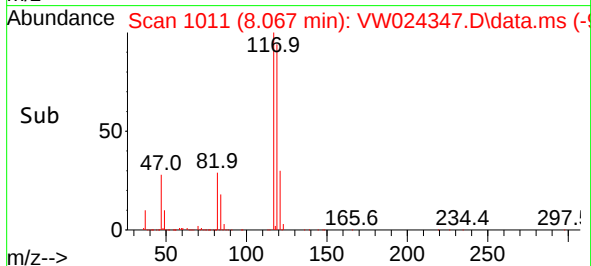
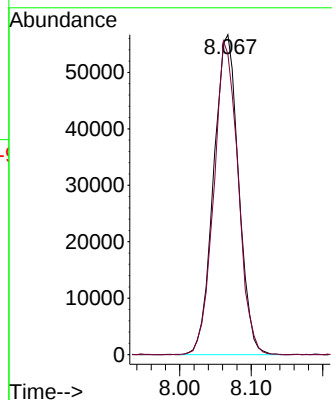
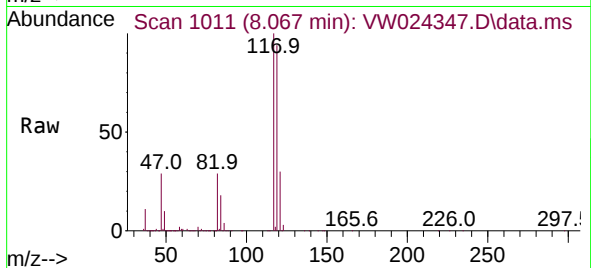
ClientSampleId :

Tgt Ion:117 Resp: 137390

Ion Ratio Lower Upper

117 100

119 94.9 75.9 113.9



#33

Benzene

Concen: 25.976 ug/L

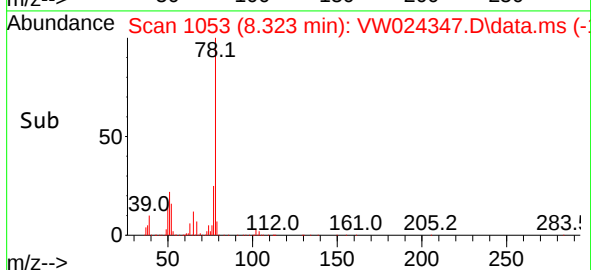
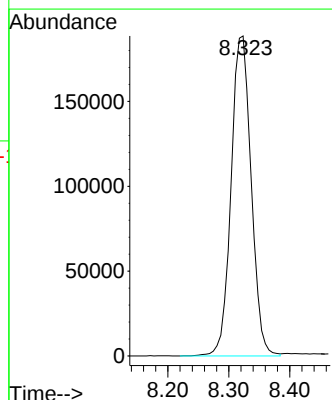
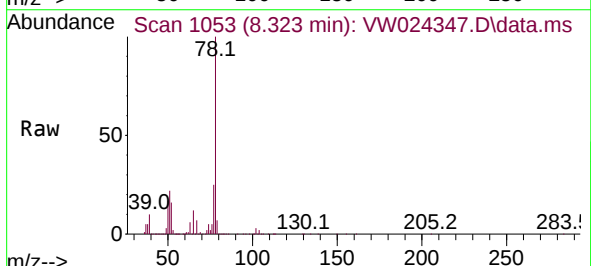
RT: 8.323 min Scan# 1053

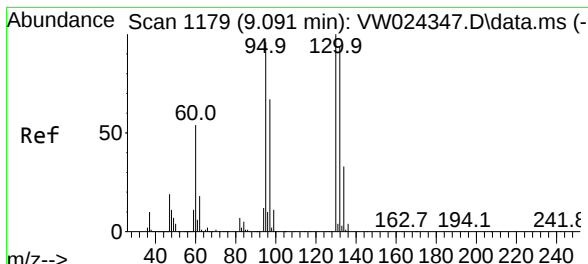
Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Tgt Ion: 78 Resp: 431963



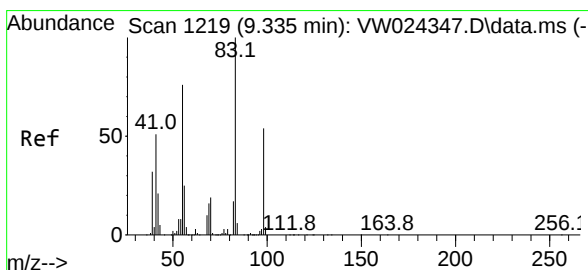
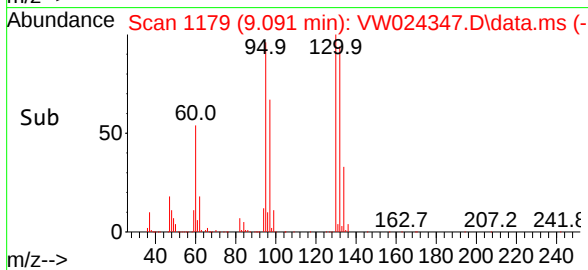
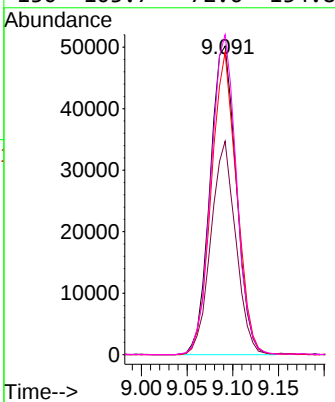
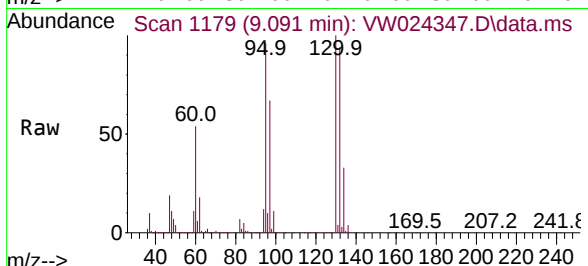


#34
 Trichloroethene
 Concen: 22.820 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 100046

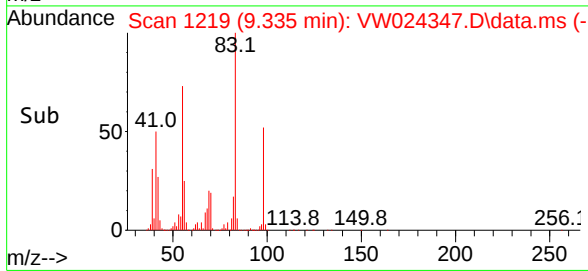
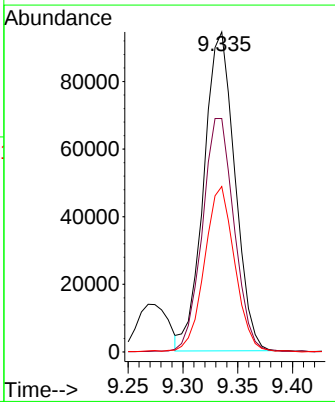
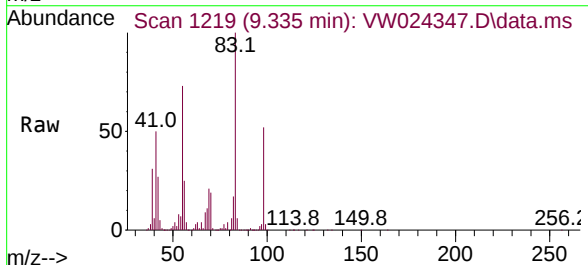
Ion	Ratio	Lower	Upper
95	100		
97	69.1	48.4	89.8
132	98.0	68.6	127.4
130	103.7	72.6	134.8

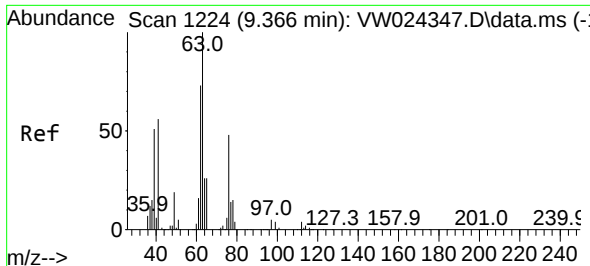


#35
 Methylcyclohexane
 Concen: 26.416 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion: 83 Resp: 185843

Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.1	90.1
98	50.6	40.5	60.7





#37

1,2-Dichloropropane

Concen: 25.049 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

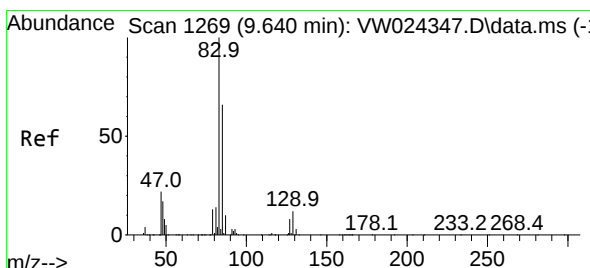
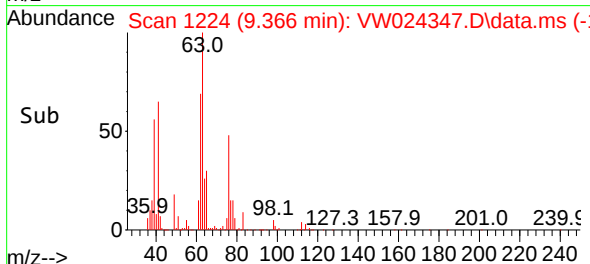
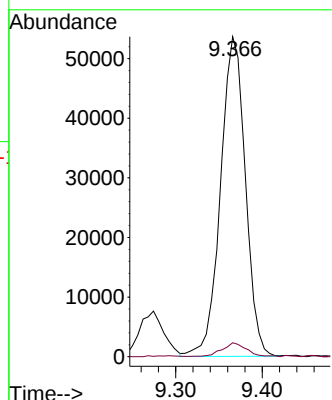
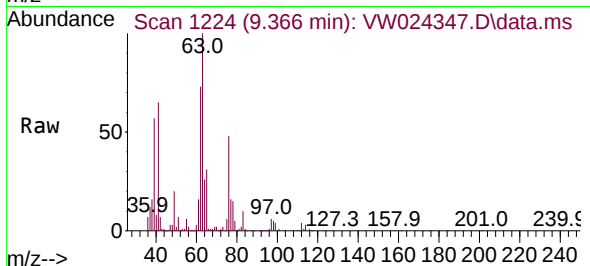
ClientSampleId :

Tgt Ion: 63 Resp: 106968

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 24.709 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

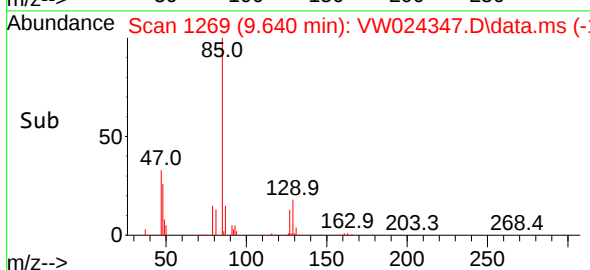
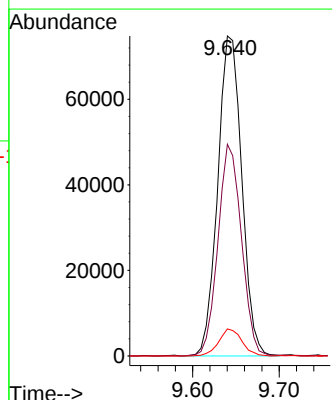
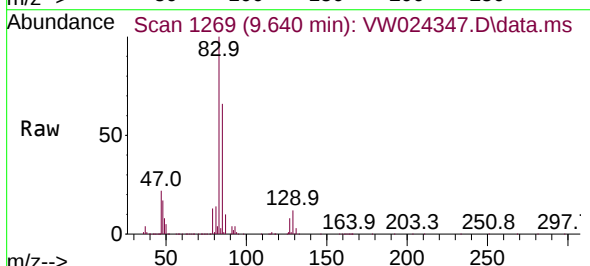
Tgt Ion: 83 Resp: 144450

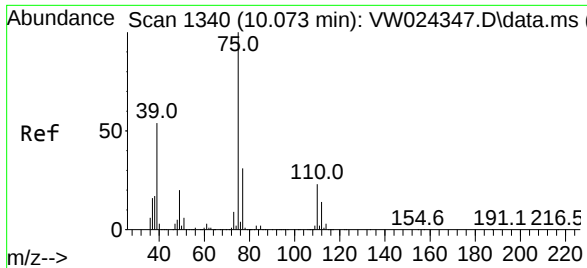
Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9

127 8.4 6.7 10.1

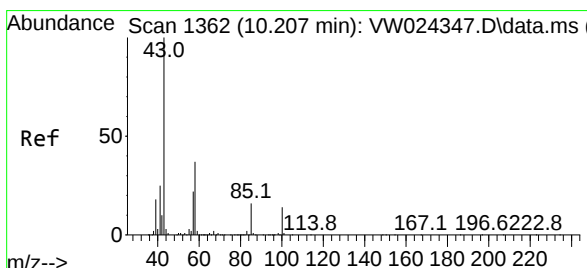
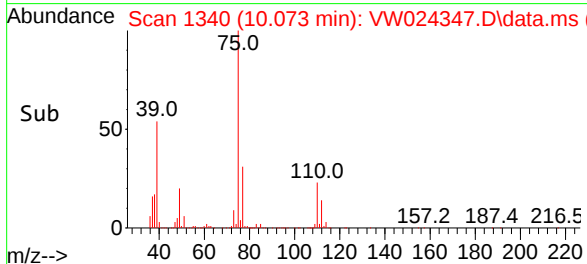
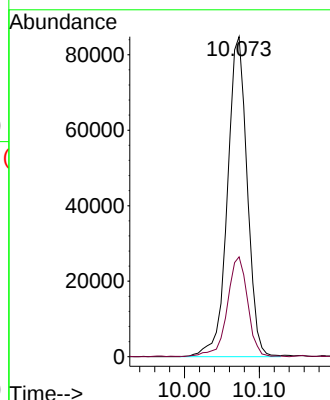
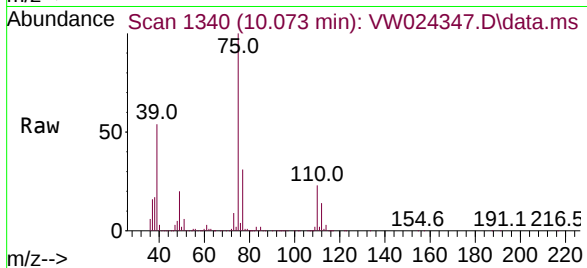




#39
 cis-1,3-Dichloropropene
 Concen: 26.047 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

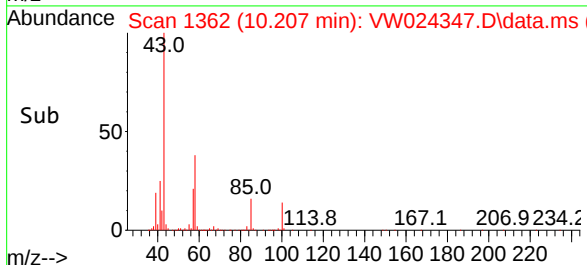
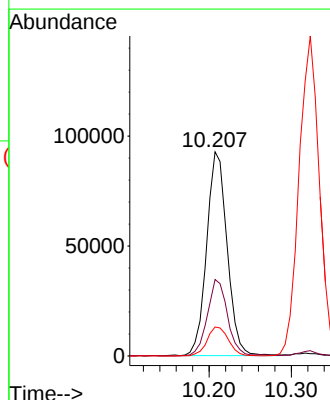
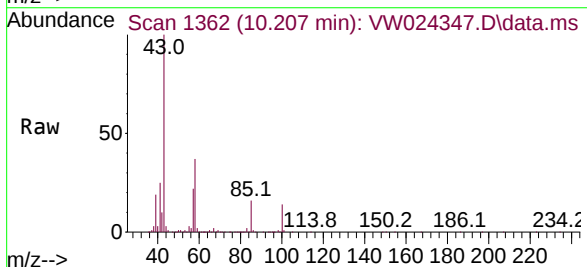
Instrument :
 MSVOA_W
 ClientSampleId :

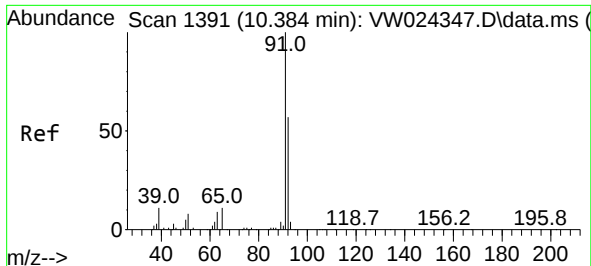
Tgt Ion: 75 Resp: 156306
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 53.104 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion: 43 Resp: 160450
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.4 44.2
 100 14.8 11.8 17.8

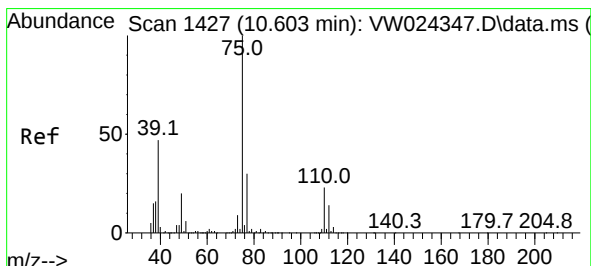
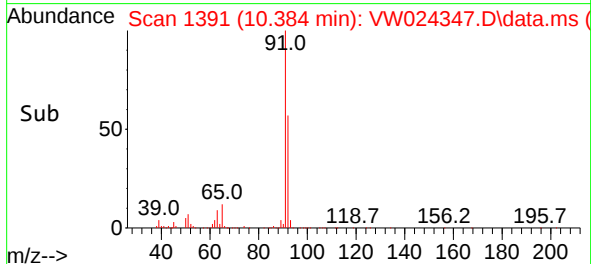
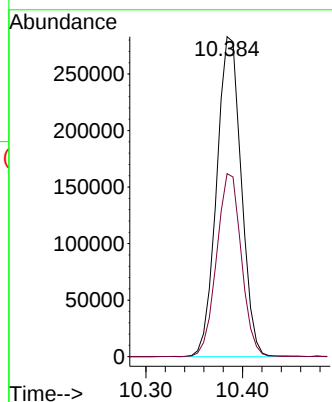
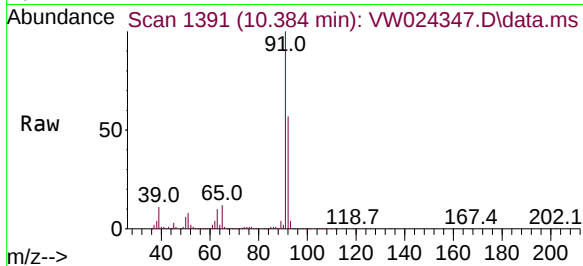




#42
Toluene
Concen: 27.232 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

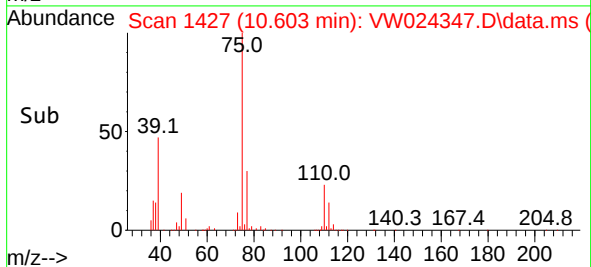
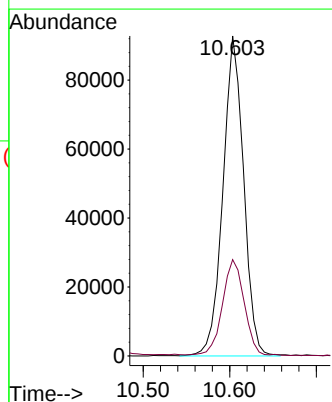
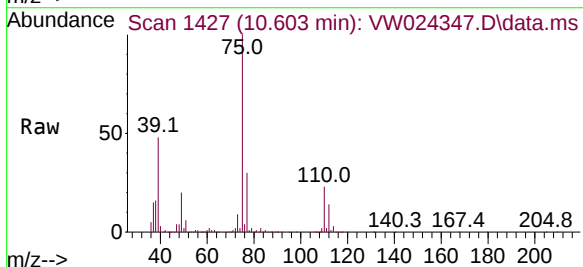
Instrument :
MSVOA_W
ClientSampleId :

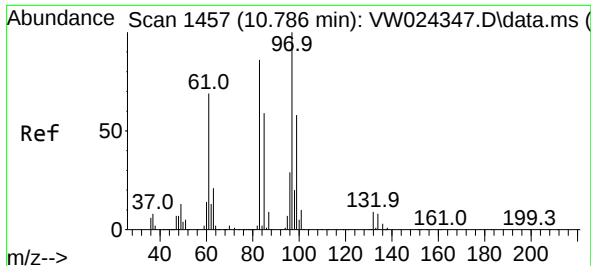
Tgt Ion: 91 Resp: 499922
Ion Ratio Lower Upper
91 100
92 57.2 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 26.429 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 75 Resp: 154109
Ion Ratio Lower Upper
75 100
77 30.1 21.1 39.1

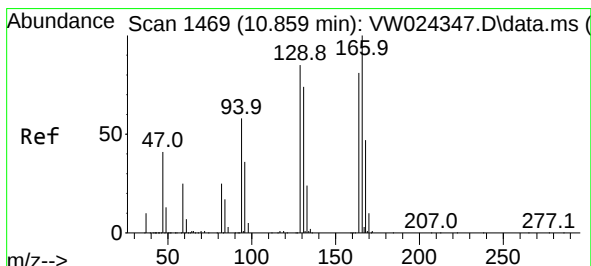
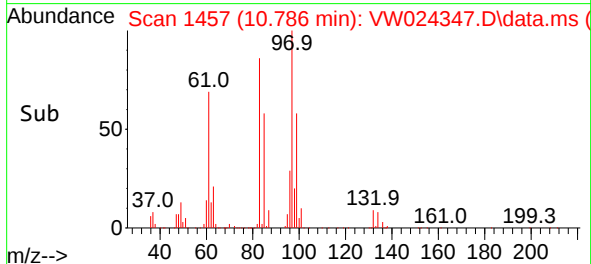
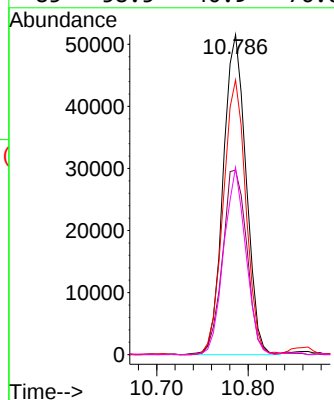
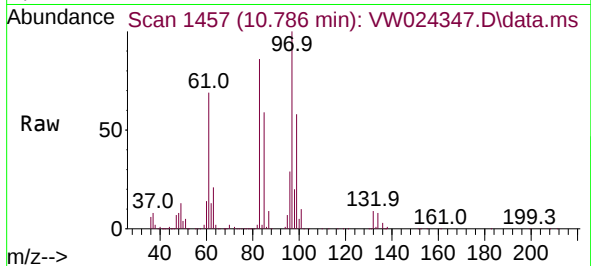




#45
1,1,2-Trichloroethane
Concen: 25.645 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

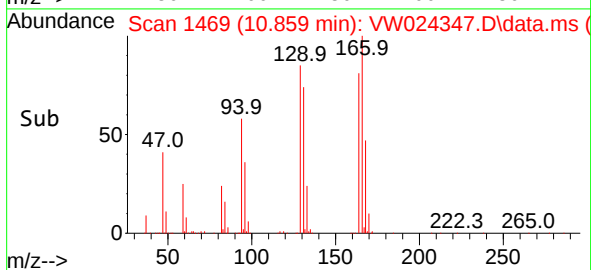
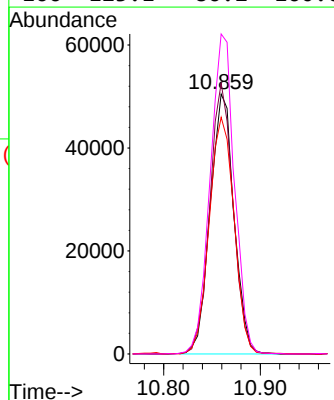
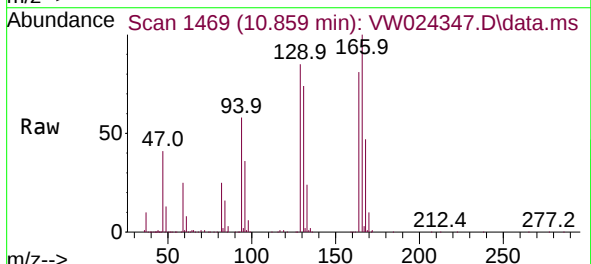
Instrument :
MSVOA_W
ClientSampleId :

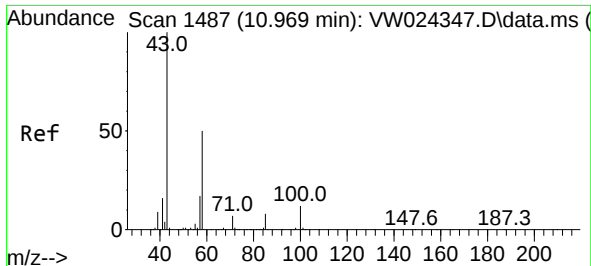
Tgt Ion:	97	Resp:	89775
Ion	Ratio	Lower	Upper
97	100		
99	57.7	40.4	75.0
83	85.8	60.1	111.5
85	58.5	40.9	76.0



#46
Tetrachloroethene
Concen: 25.398 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion:	164	Resp:	86479
Ion	Ratio	Lower	Upper
164	100		
129	104.1	72.9	135.3
131	91.0	63.7	118.3
166	123.1	86.2	160.0

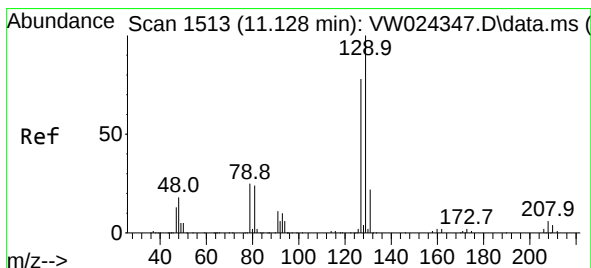
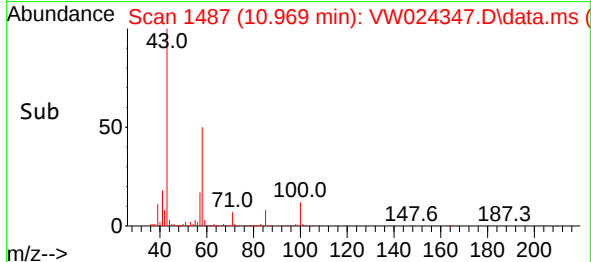
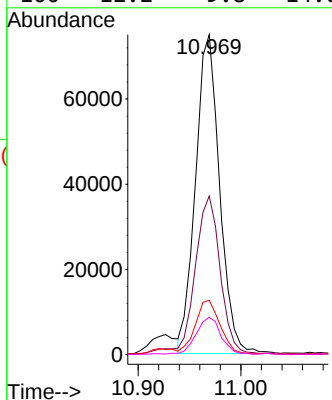
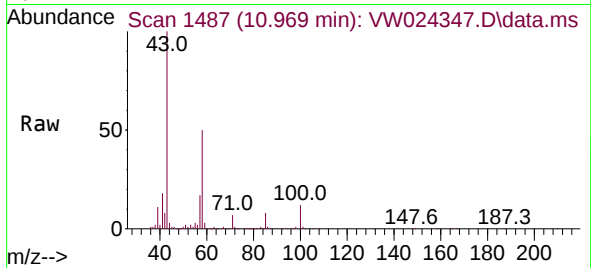




#48
2-Hexanone
Concen: 54.397 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

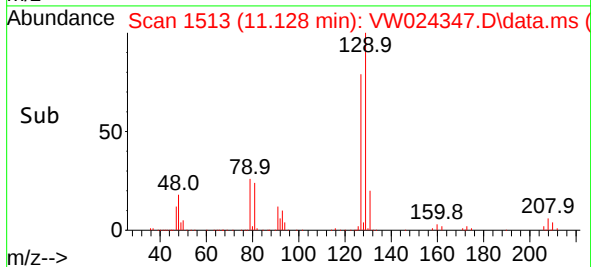
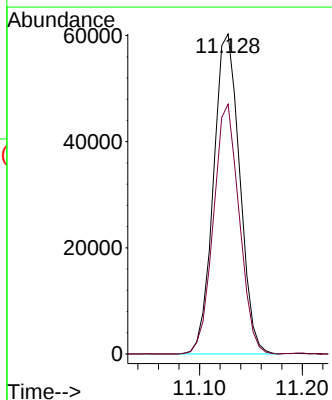
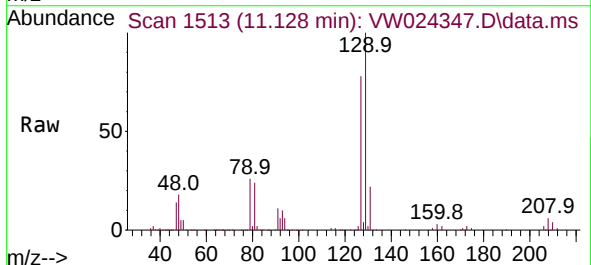
Instrument :
MSVOA_W
ClientSampleId :

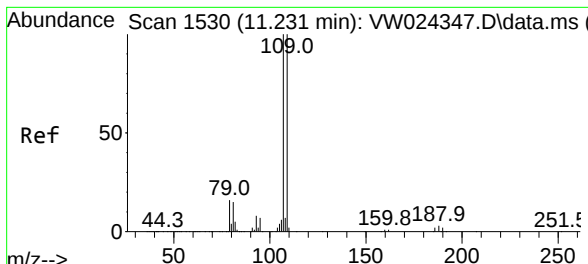
Tgt Ion: 43 Resp: 122453
Ion Ratio Lower Upper
43 100
58 50.8 40.6 61.0
57 17.7 14.2 21.2
100 12.2 9.8 14.6



#49
Dibromochloromethane
Concen: 25.768 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion: 129 Resp: 106690
Ion Ratio Lower Upper
129 100
127 78.0 54.6 101.4



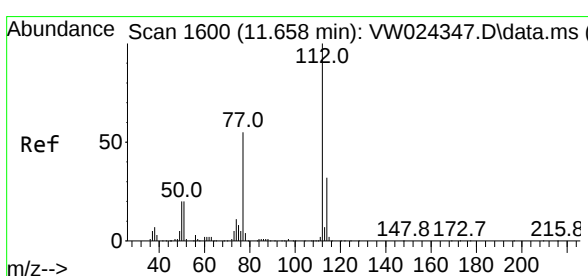
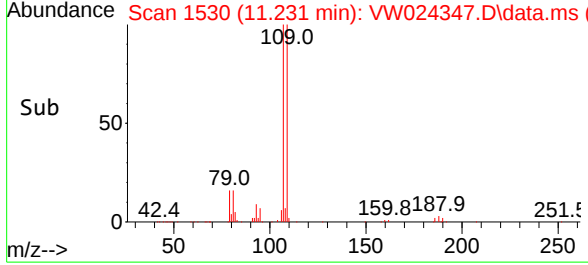
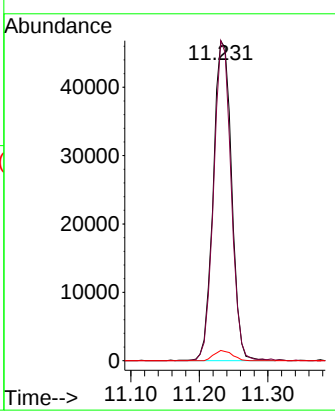
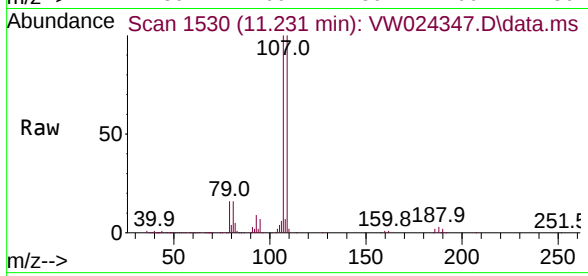


#50
 1,2-Dibromoethane
 Concen: 25.764 ug/L
 RT: 11.231 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:107 Resp: 86711

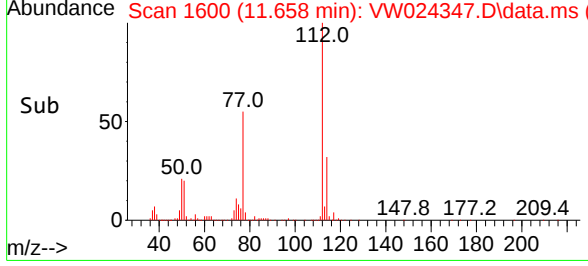
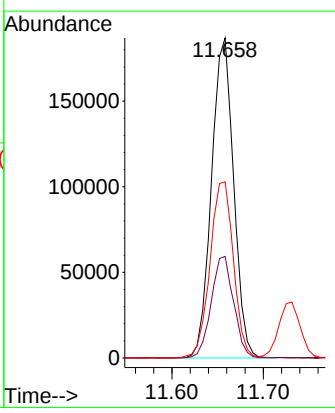
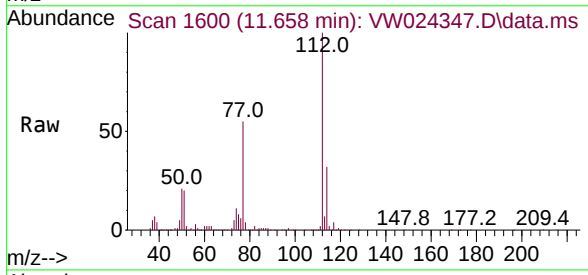
Ion	Ratio	Lower	Upper
107	100		
109	100.1	70.1	130.1
188	3.2	2.6	3.8

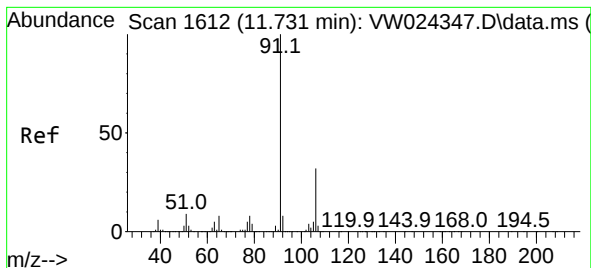


#51
 Chlorobenzene
 Concen: 25.525 ug/L
 RT: 11.658 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion:112 Resp: 314508

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.3
77	55.1	44.1	66.1

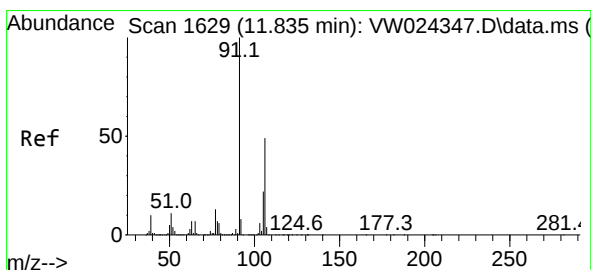
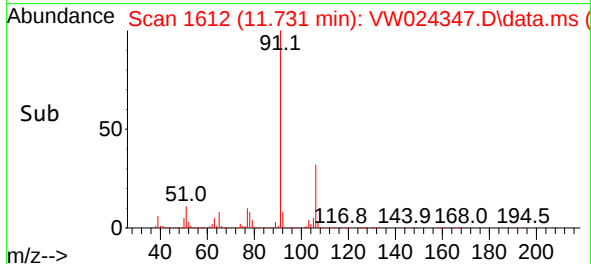
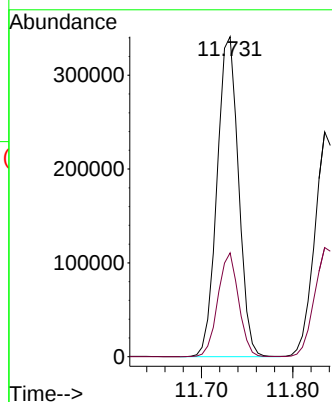
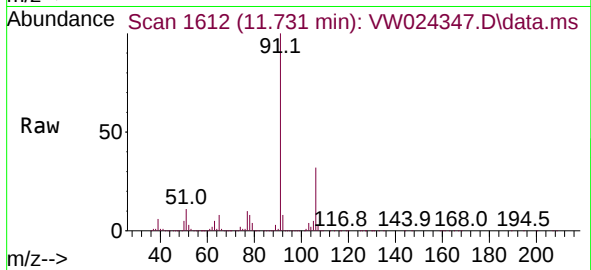




#52
Ethylbenzene
Concen: 27.401 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

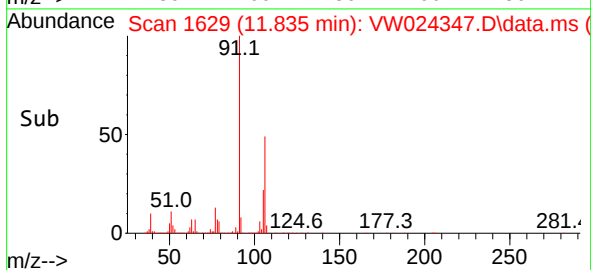
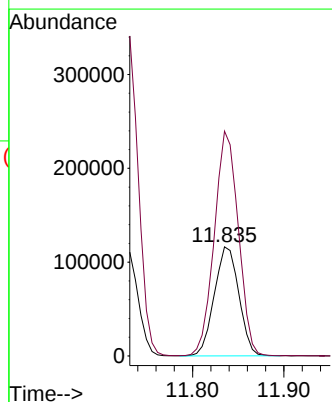
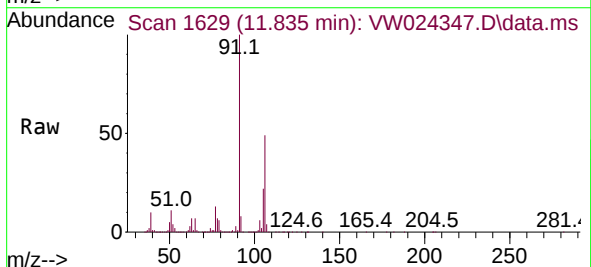
Instrument :
MSVOA_W
ClientSampleId :

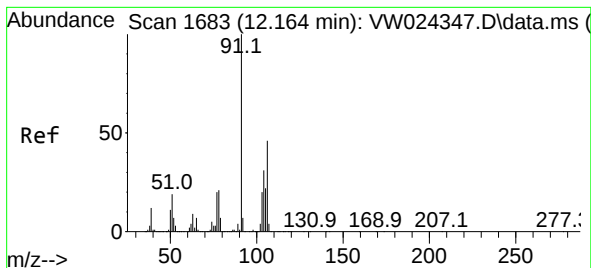
Tgt Ion: 91 Resp: 556118
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.3



#53
m,p-Xylene
Concen: 27.231 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion:106 Resp: 217048
Ion Ratio Lower Upper
106 100
91 206.1 144.3 267.9

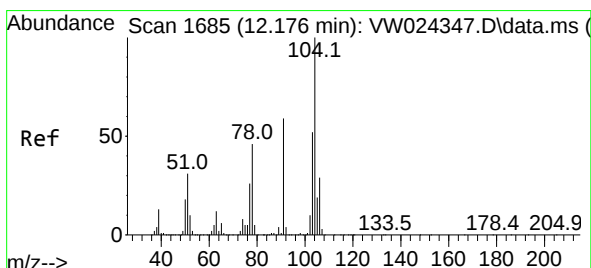
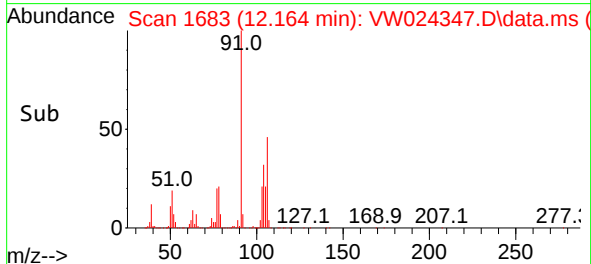
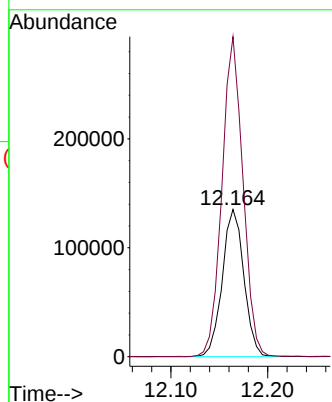
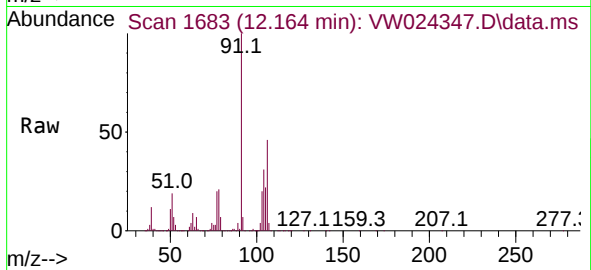




#54
o-Xylene
Concen: 28.096 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

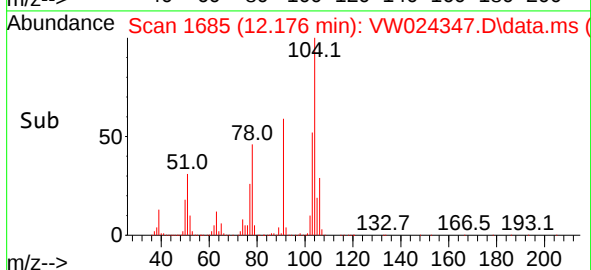
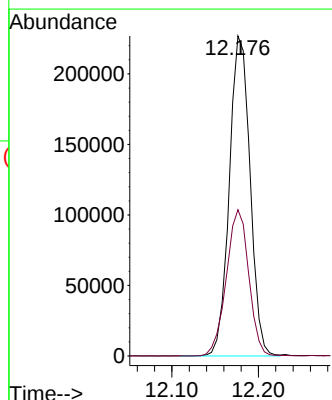
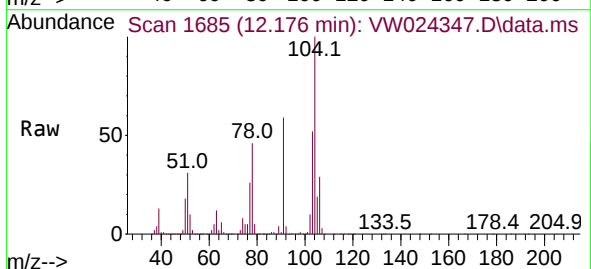
Instrument :
MSVOA_W
ClientSampleId :

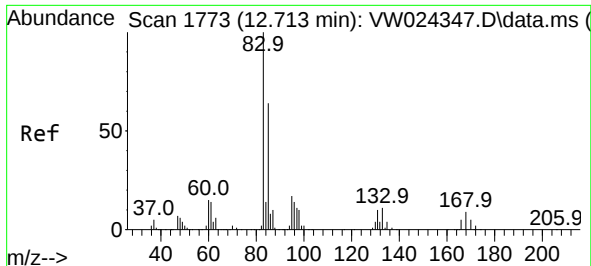
Tgt Ion:106 Resp: 209350
Ion Ratio Lower Upper
106 100
91 217.3 152.1 282.5



#55
Styrene
Concen: 28.640 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion:104 Resp: 377217
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 26.222 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

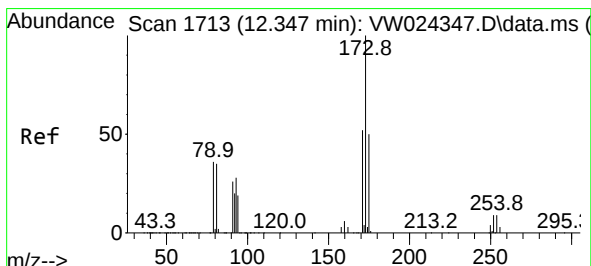
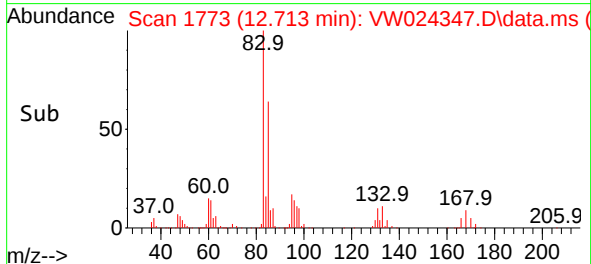
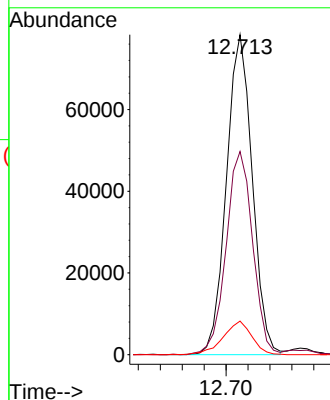
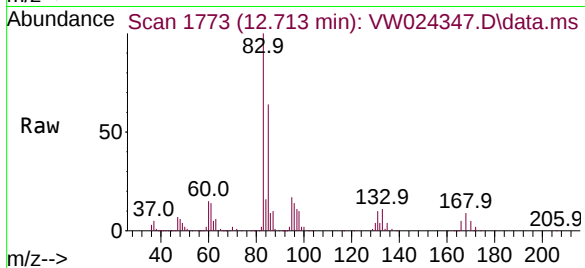
Tgt Ion: 83 Resp: 128129

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

131 10.5 8.4 12.6



#59

Bromoform

Concen: 24.537 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

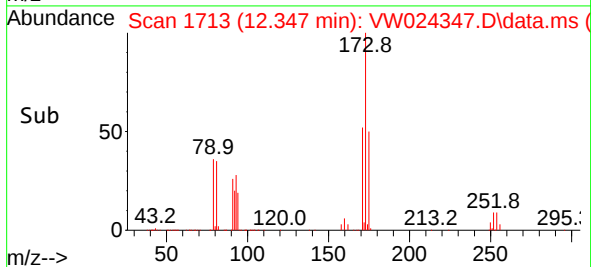
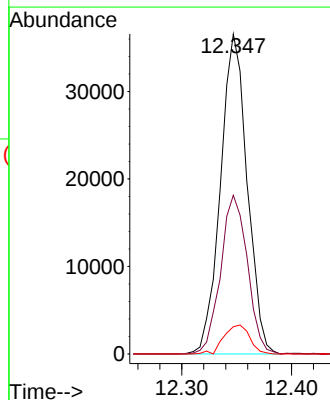
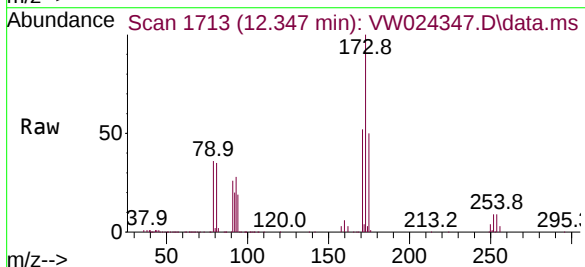
Tgt Ion: 173 Resp: 61895

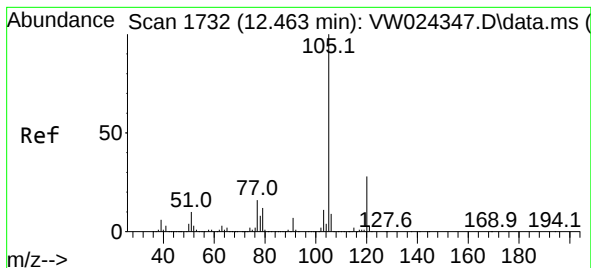
Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.6

254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 27.132 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

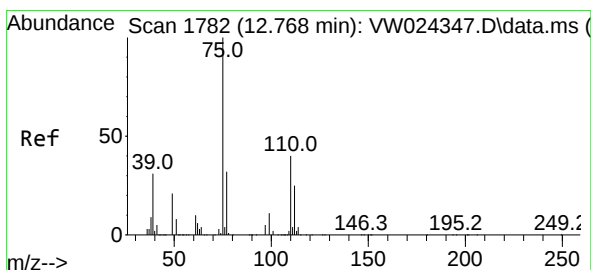
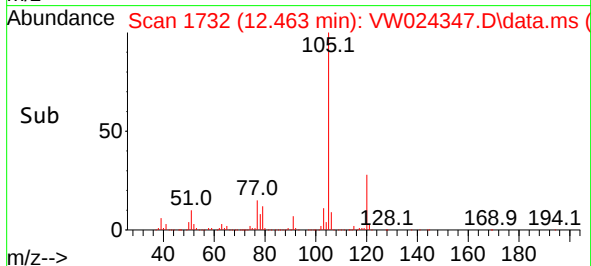
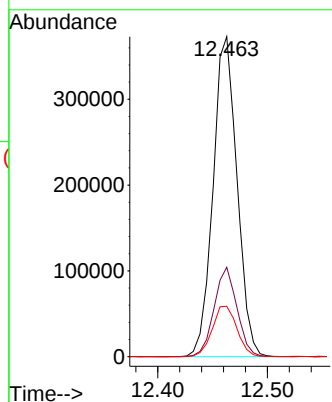
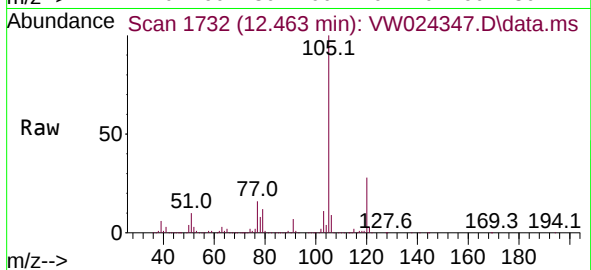
Tgt Ion:105 Resp: 566452

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

77 16.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 25.144 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

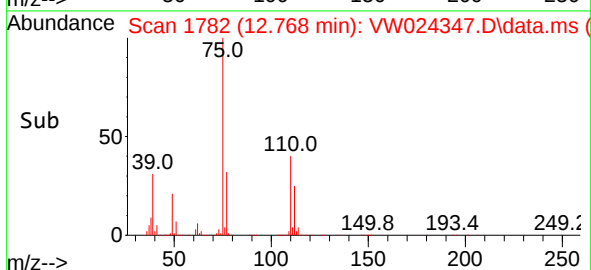
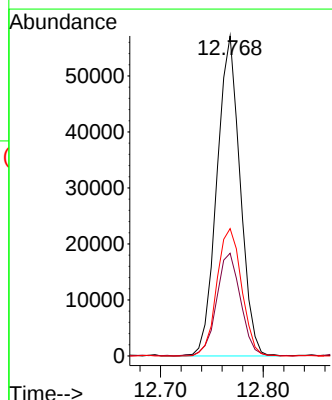
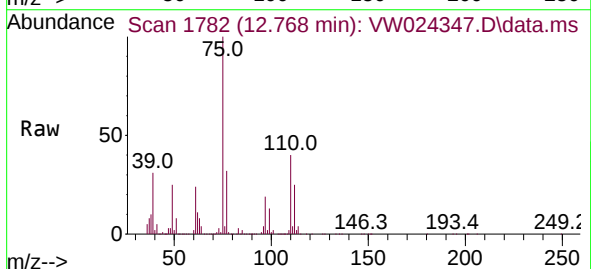
Tgt Ion: 75 Resp: 89701

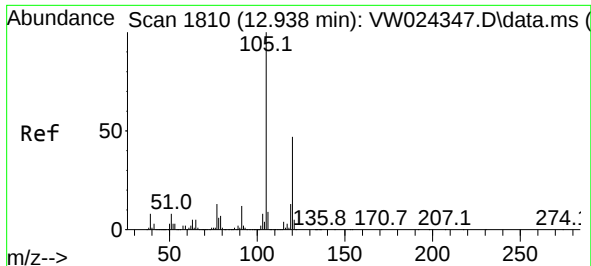
Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 42.3 33.8 50.8

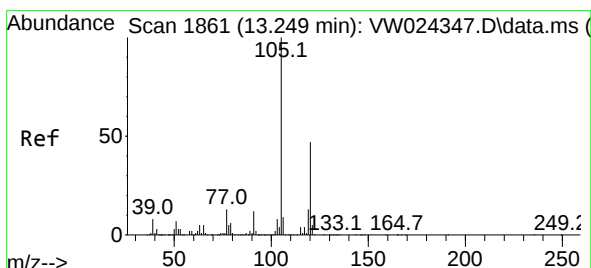
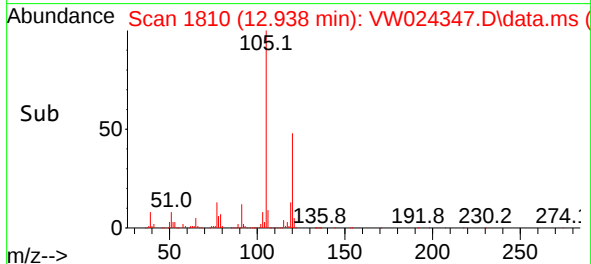
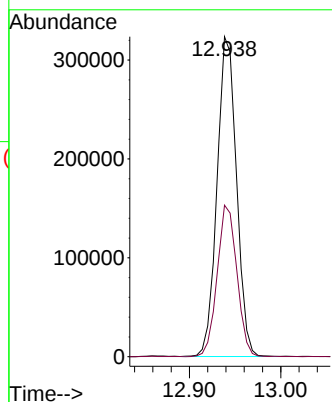
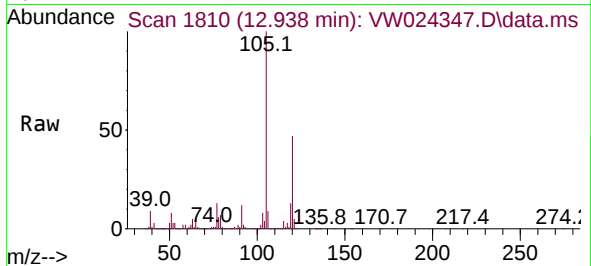




#62
 1,3,5-Trimethylbenzene
 Concen: 28.461 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

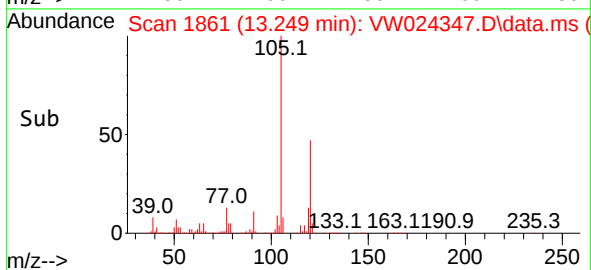
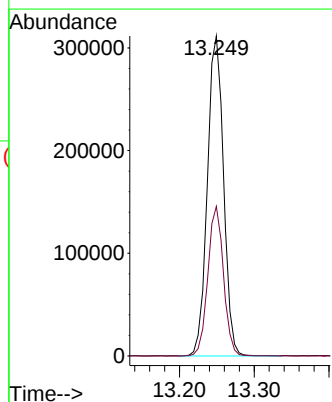
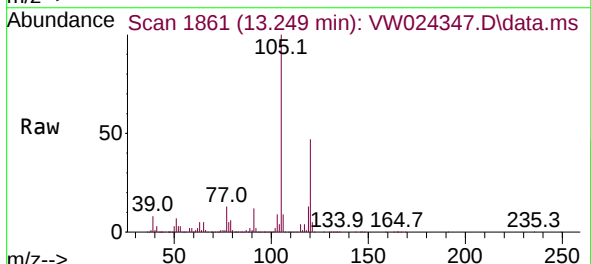
Instrument :
 MSVOA_W
 ClientSampleId :

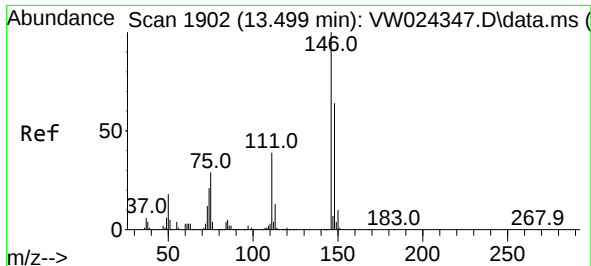
Tgt Ion:105 Resp: 479122
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 28.645 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024347.D
 Acq: 26 Aug 2022 12:04

Tgt Ion:105 Resp: 468389
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.2

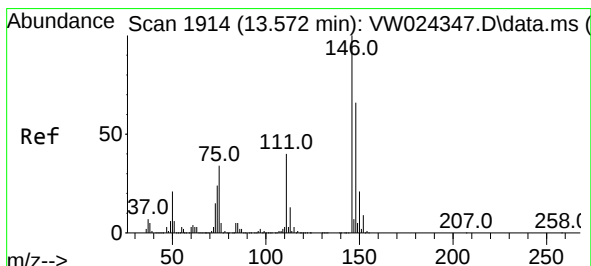
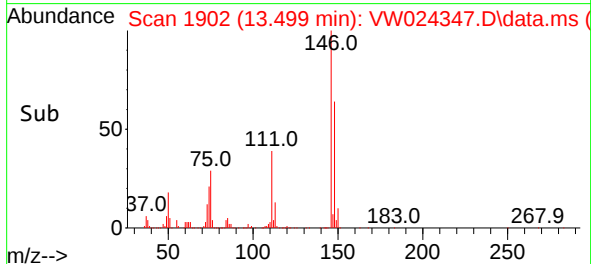
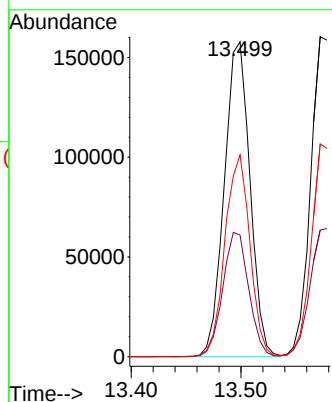
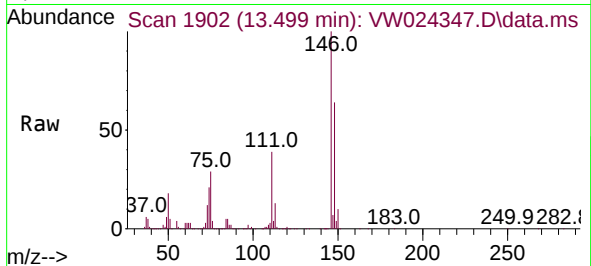




#64
1,3-Dichlorobenzene
Concen: 25.722 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

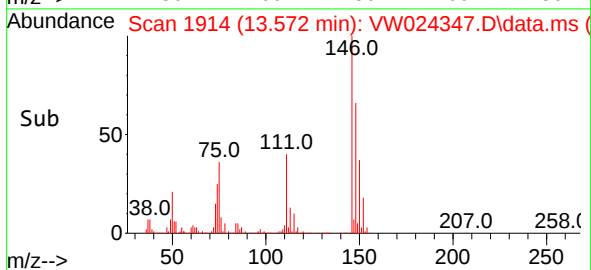
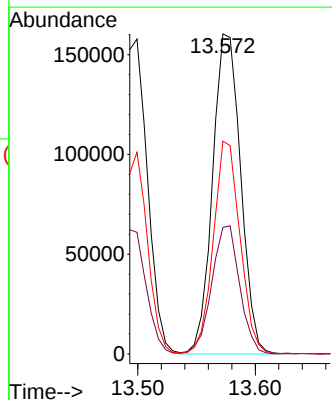
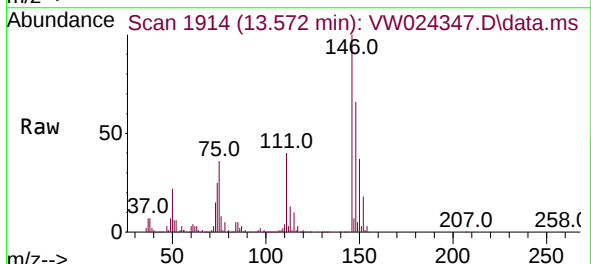
Instrument :
MSVOA_W
ClientSampleId :

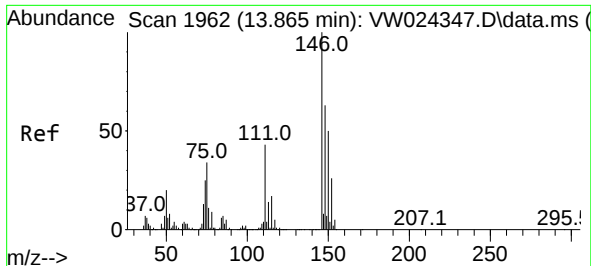
Tgt Ion:146 Resp: 256750
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 25.263 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion:146 Resp: 266239
Ion Ratio Lower Upper
146 100
111 39.6 27.7 51.5
148 66.5 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 25.547 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

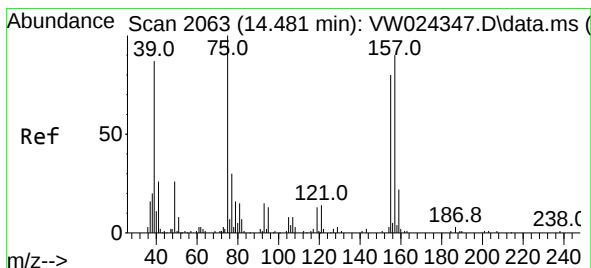
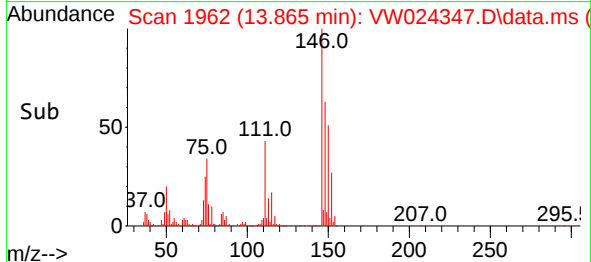
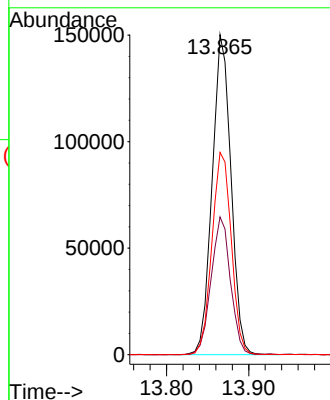
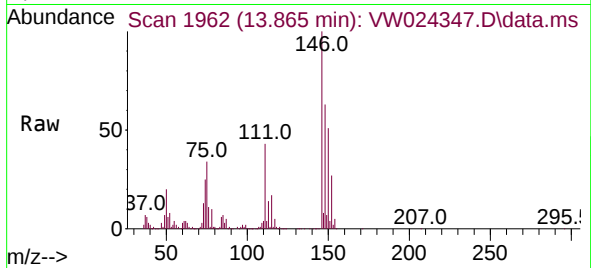
Tgt Ion:146 Resp: 239037

Ion Ratio Lower Upper

146 100

111 43.1 34.5 51.7

148 63.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.516 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

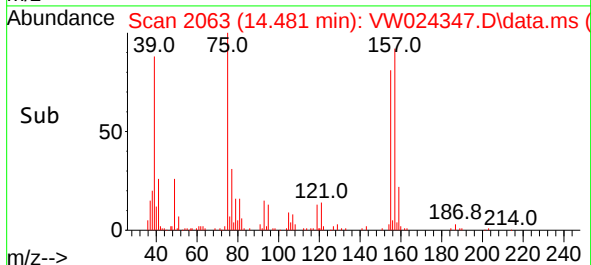
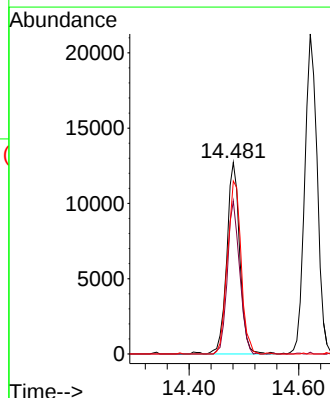
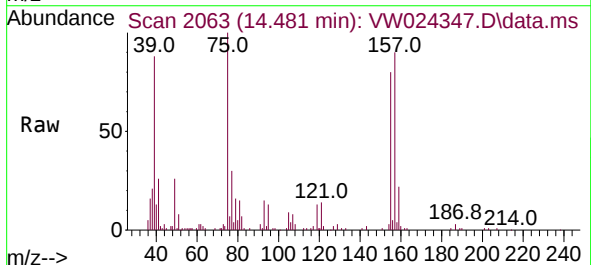
Tgt Ion: 75 Resp: 21001

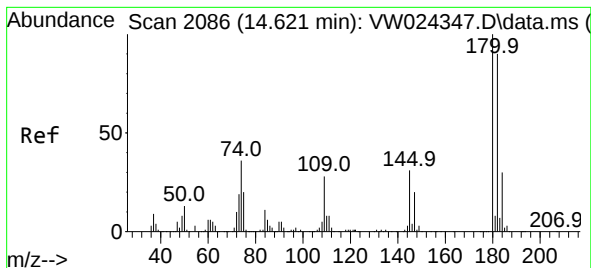
Ion Ratio Lower Upper

75 100

155 79.9 63.9 95.9

157 90.3 72.2 108.4





#69

1,3,5-Trichlorobenzene

Concen: 24.916 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

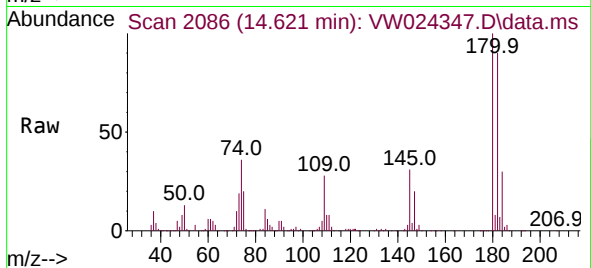
Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 160527

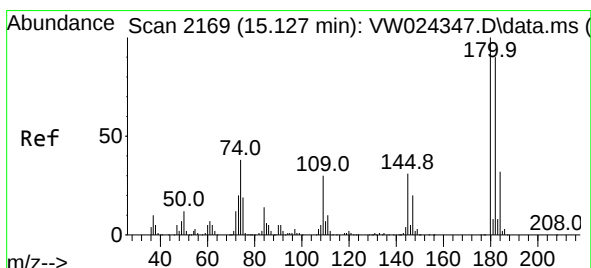
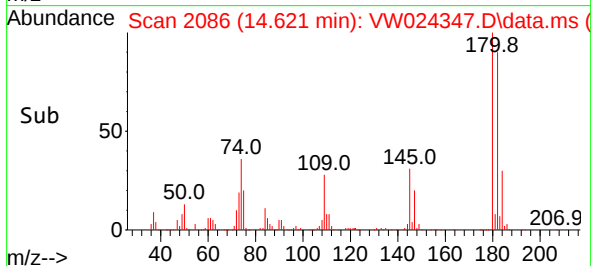
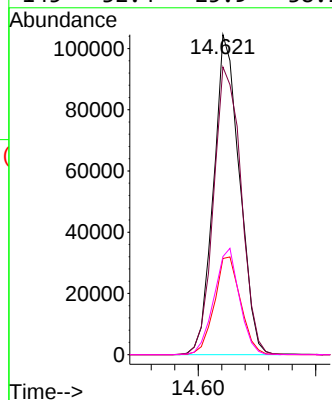
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

184 30.6 24.5 36.7

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 25.369 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024347.D

Acq: 26 Aug 2022 12:04

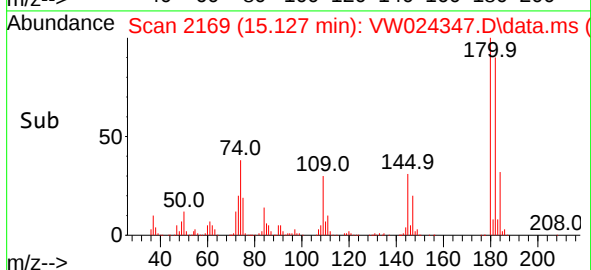
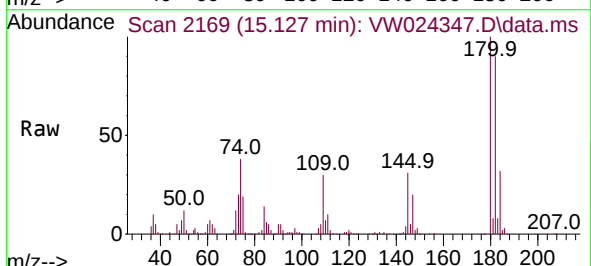
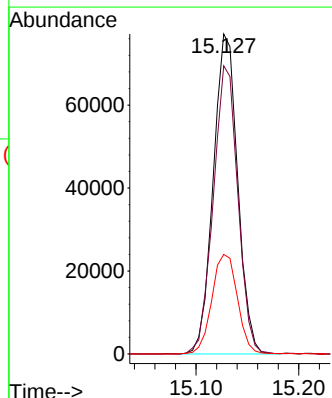
Tgt Ion:180 Resp: 127058

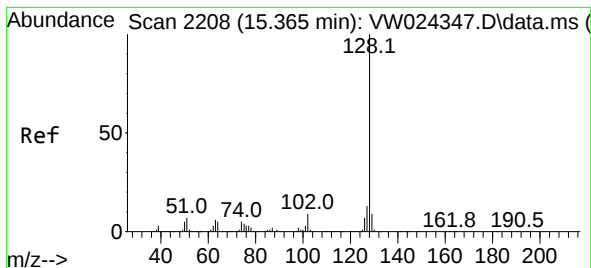
Ion Ratio Lower Upper

180 100

182 90.8 72.6 109.0

145 32.7 26.2 39.2

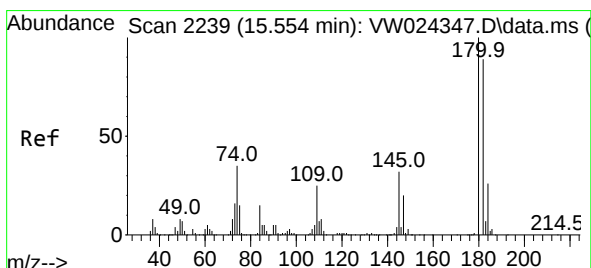
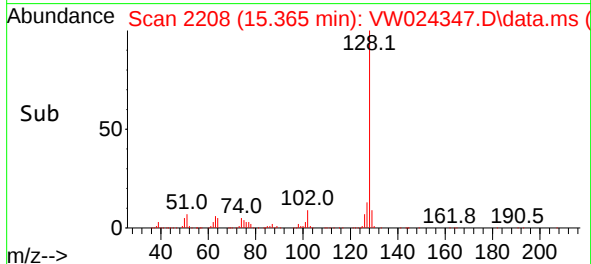
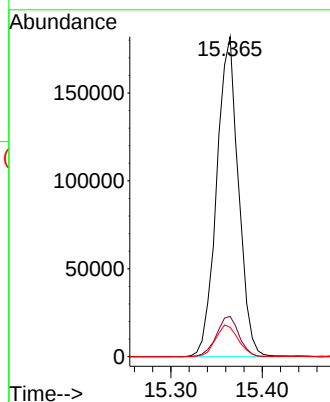
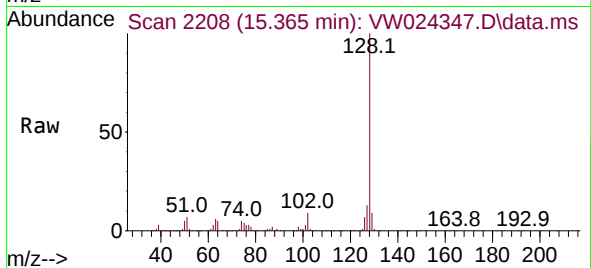




#71
Naphthalene
Concen: 27.438 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 301798
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.4 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 26.047 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW024347.D
Acq: 26 Aug 2022 12:04

Tgt Ion:180 Resp: 123290
Ion Ratio Lower Upper
180 100
182 93.2 74.6 111.8
145 33.3 26.6 40.0

