

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
 Data File : VW028292.D
 Acq On : 03 Apr 2024 14:46
 Operator : SY/MD
 Sample : P1965-05MS
 Misc : 4.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07D6MS

Quant Time: Apr 04 03:03:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	272757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238714	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60510	18.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.905	69	52529	23.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	4.027	65	38513	19.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.120%
21) 2-Butanone-d5	7.075	46	59284	62.983	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.960%
24) Chloroform-d	7.654	84	204771	25.460	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.840%
26) 1,2-Dichloroethane-d4	8.307	65	109717	24.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.276	84	373340	25.616	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	9.276	67	118782	28.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	10.325	98	318713	23.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.840%
43) trans-1,3-Dichloroprop...	10.575	79	47016	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.922	63	47714	68.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.640%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92684	29.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	90227	24.833	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	77629	19.619	ug/L #	87
3) Chloromethane	2.229	50	69148	24.640	ug/L	99
5) Vinyl chloride	2.375	62	85551	26.969	ug/L	96
6) Bromomethane	2.796	94	48935	25.902	ug/L	95
8) Chloroethane	2.942	64	48998	28.737	ug/L	96
9) Trichlorofluoromethane	3.271	101	100348	26.164	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	90049	23.634	ug/L	96
12) 1,1-Dichloroethene	4.045	96	92031	26.129	ug/L	91
13) Acetone	4.131	43	54971	52.598	ug/L	98
14) Carbon disulfide	4.393	76	253571	23.082	ug/L	98
15) Methyl Acetate	4.673	43	40320	25.046	ug/L	99
16) Methylene chloride	4.923	84	101961	24.561	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	97668	26.093	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	160771	28.468	ug/L	98
19) 1,1-Dichloroethane	6.222	63	202567	27.954	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110550	27.346	ug/L	99
22) 2-Butanone	7.173	43	67455	56.848	ug/L	100
23) Bromochloromethane	7.520	128	48067	26.895	ug/L	91
25) Chloroform	7.679	83	201639	27.029	ug/L	100

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 Response via : Initial Calibration

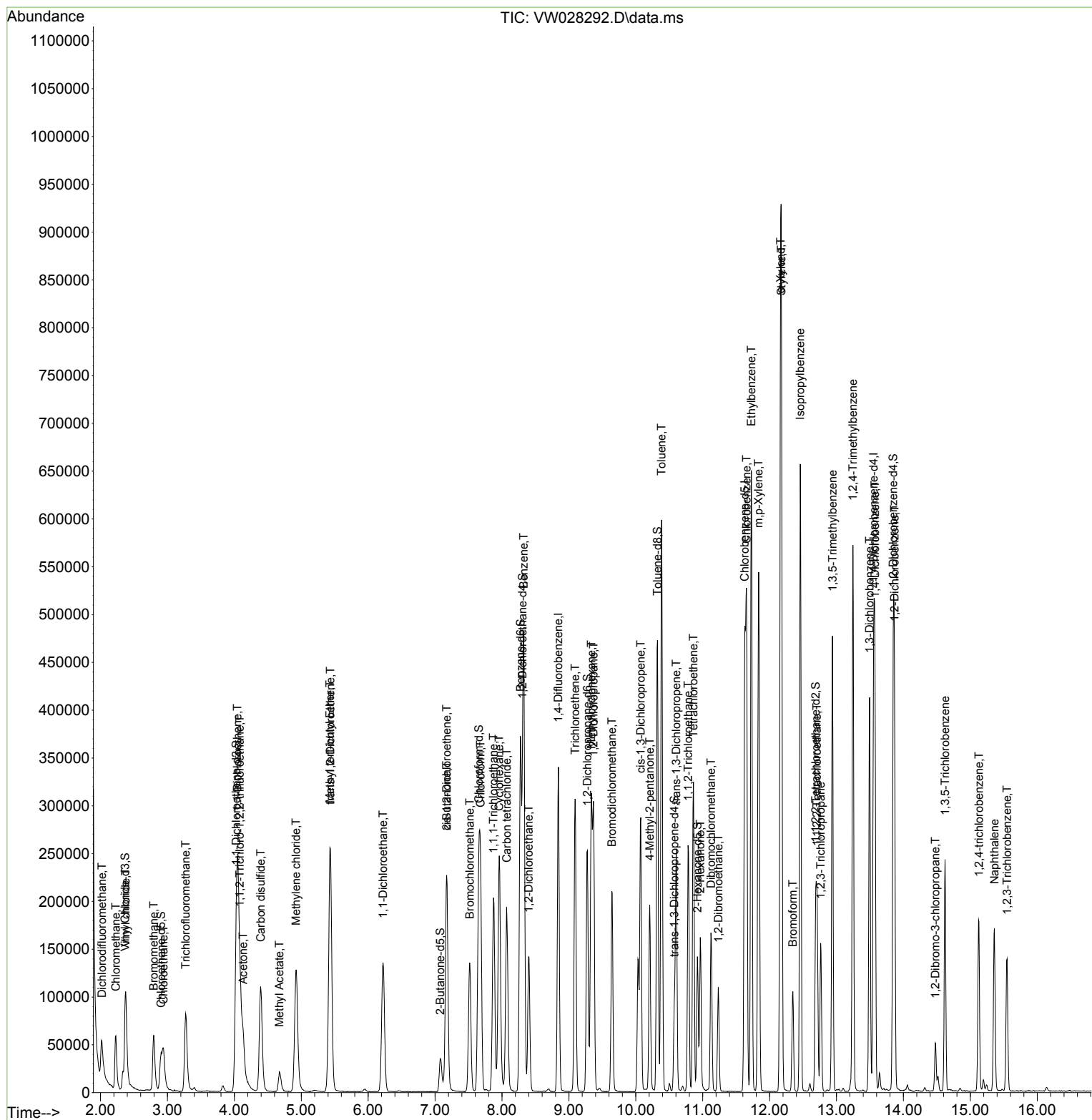
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133053	25.255	ug/L #	95
29) Cyclohexane	7.959	56	142104	22.823	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	166250	26.568	ug/L	99
31) Carbon tetrachloride	8.069	117	145392	24.771	ug/L	100
33) Benzene	8.325	78	416281	28.339	ug/L	100
34) Trichloroethene	9.093	95	109026	26.603	ug/L	97
35) Methylcyclohexane	9.337	83	118128	17.053	ug/L	98
37) 1,2-Dichloropropane	9.368	63	110351	29.370	ug/L	100
38) Bromodichloromethane	9.642	83	141392	27.912	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	170025	28.257	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	128519	61.969	ug/L	99
42) Toluene	10.386	91	431780	26.933	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138646	27.292	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	78865	29.052	ug/L	99
46) Tetrachloroethene	10.861	164	74569	22.573	ug/L	92
48) 2-Hexanone	10.965	43	100951	62.139	ug/L	97
49) Dibromochloromethane	11.123	129	88340	27.478	ug/L	98
50) 1,2-Dibromoethane	11.233	107	71677	27.614	ug/L #	99
51) Chlorobenzene	11.654	112	258182	25.372	ug/L	97
52) Ethylbenzene	11.727	91	453805	24.248	ug/L	95
53) m,p-Xylene	11.837	106	169692	24.095	ug/L	97
54) o-Xylene	12.166	106	162969	24.954	ug/L	98
55) Styrene	12.178	104	285221	25.425	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	86392	27.823	ug/L	97
59) Bromoform	12.349	173	49318	32.999	ug/L	99
60) Isopropylbenzene	12.458	105	410978	27.733	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	63848	33.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	246437	24.785	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	304227	25.339	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	166925	25.249	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	166344	25.162	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	151703	26.646	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13478	30.142	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	71615	15.551	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	56695	14.492	ug/L	95
71) Naphthalene	15.360	128	144563	21.529	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	46107	14.296	ug/L	98

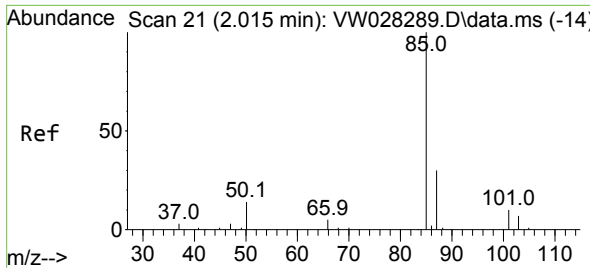
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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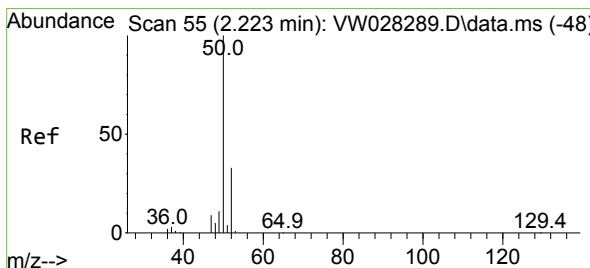
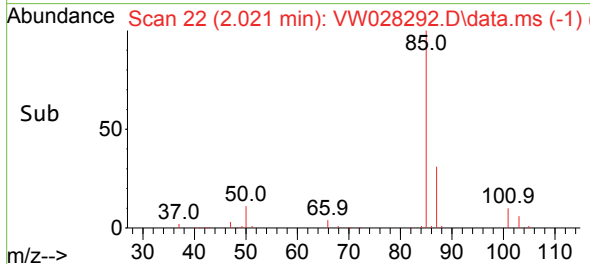
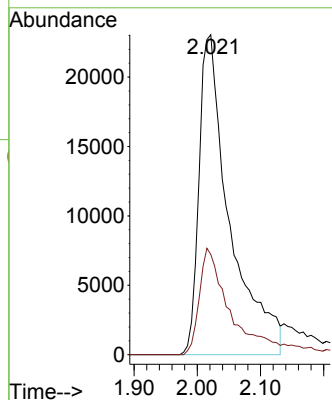
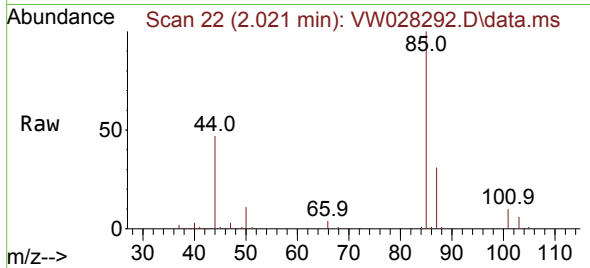




#2
 Dichlorodifluoromethane
 Concen: 19.619 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

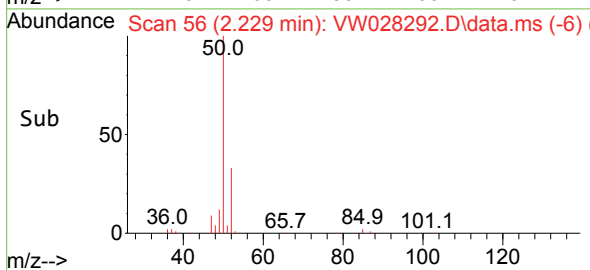
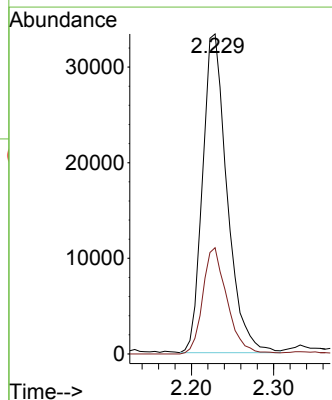
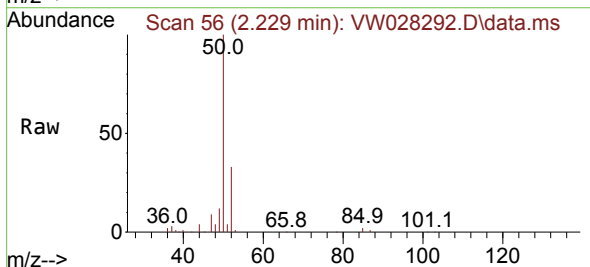
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 ClientSampleId :
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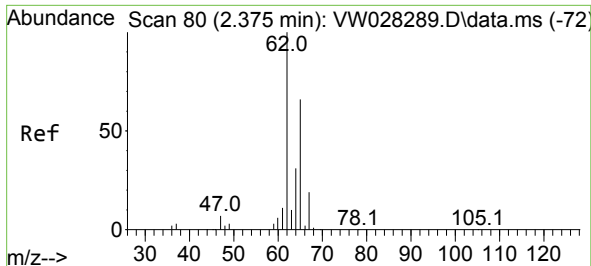
Tgt Ion: 85 Resp: 77629
 Ion Ratio Lower Upper
 85 100
 87 32.8 20.9 31.3#



#3
 Chloromethane
 Concen: 24.640 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

Tgt Ion: 50 Resp: 69148
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

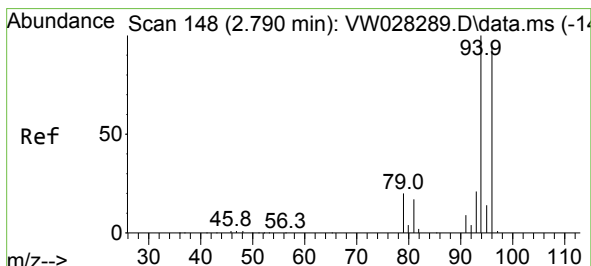
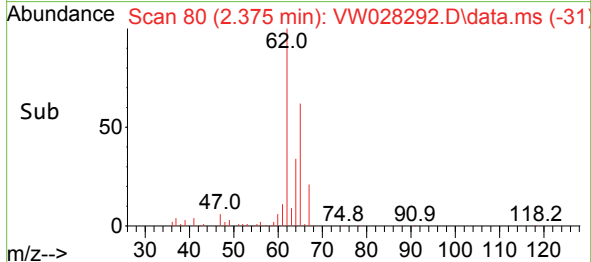
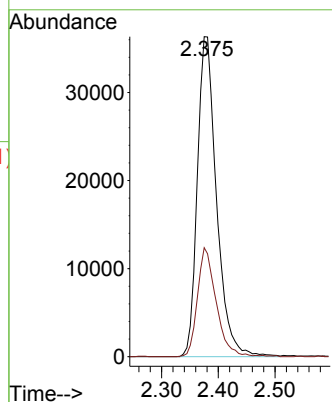
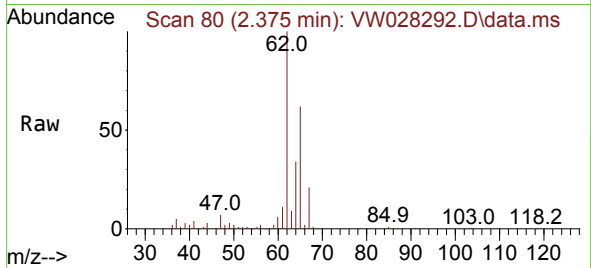




#5
 Vinyl chloride
 Concen: 26.969 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

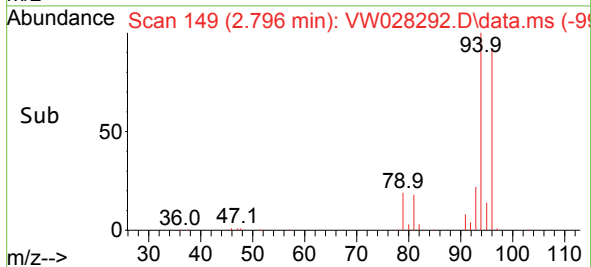
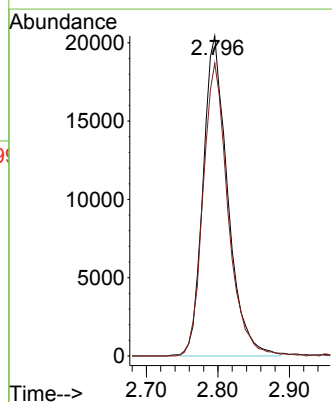
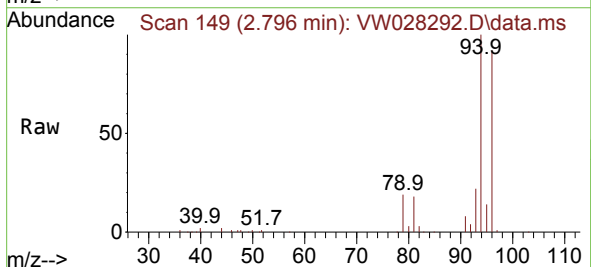
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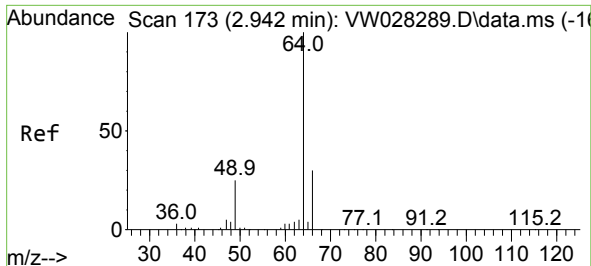
Tgt Ion: 62 Resp: 85551
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.5 41.7



#6
 Bromomethane
 Concen: 25.902 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

Tgt Ion: 94 Resp: 48935
 Ion Ratio Lower Upper
 94 100
 96 91.5 60.8 113.0

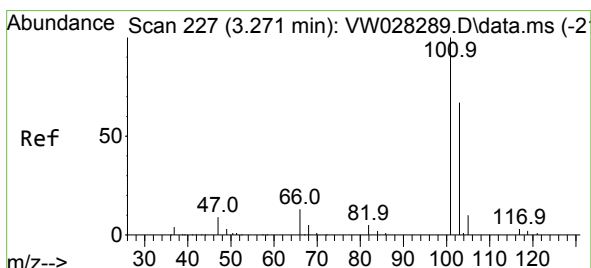
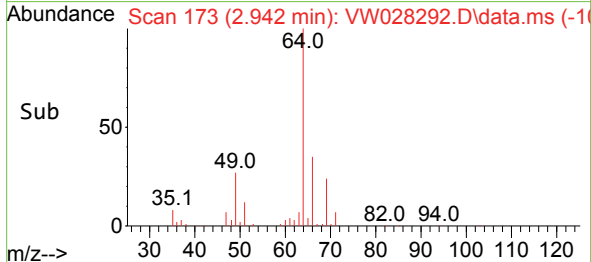
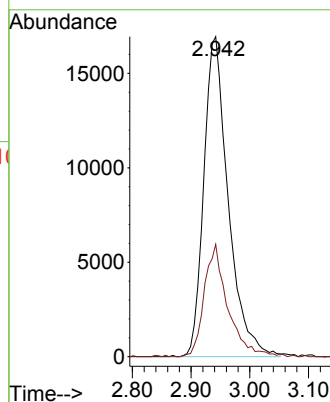
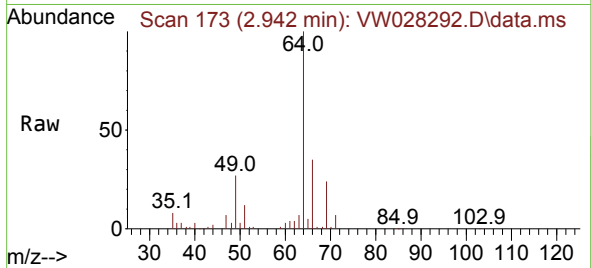




#8
Chloroethane
Concen: 28.737 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

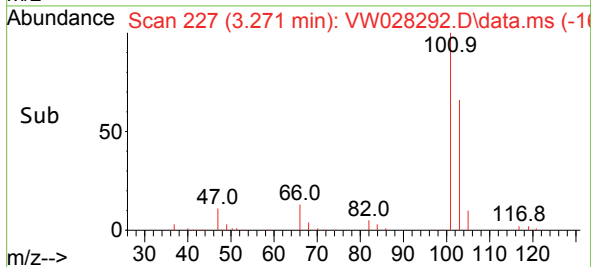
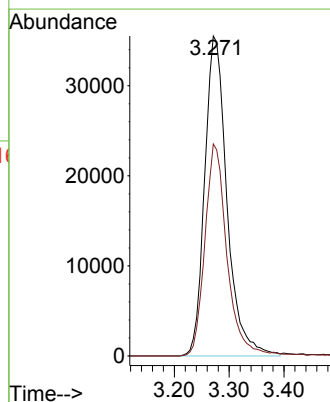
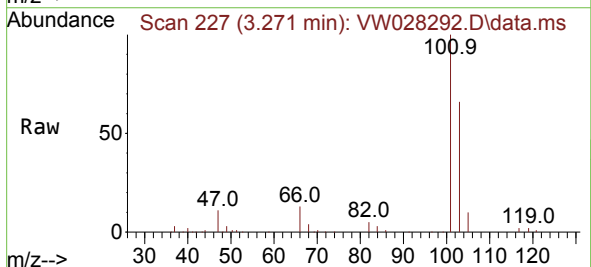
Instrument :
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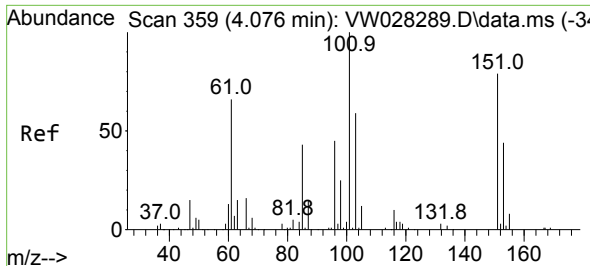
Tgt Ion: 64 Resp: 48998
Ion Ratio Lower Upper
64 100
66 35.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 26.164 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:101 Resp: 100348
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

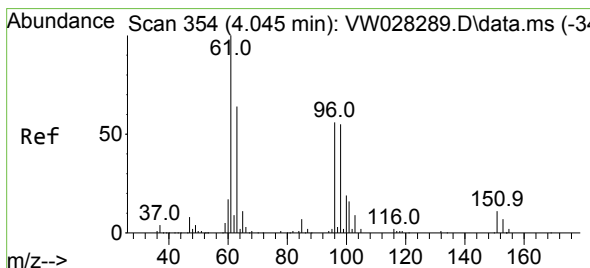
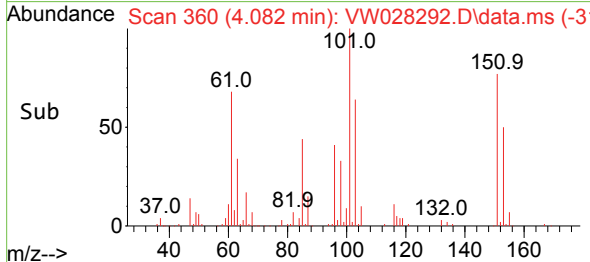
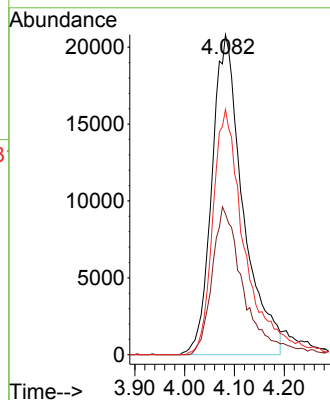
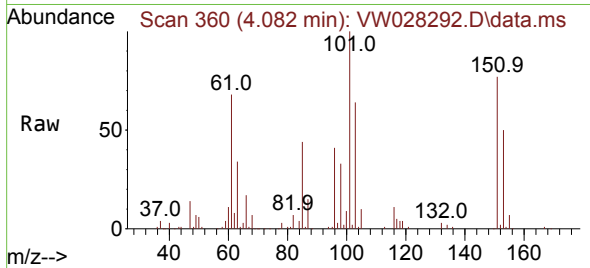




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.634 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

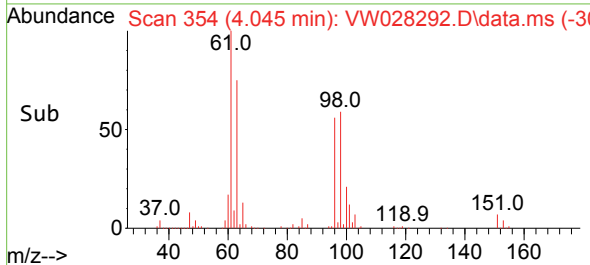
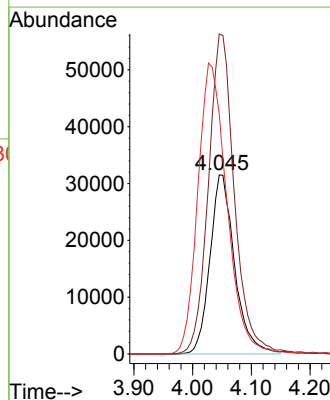
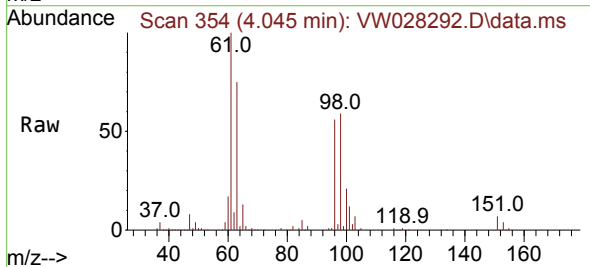
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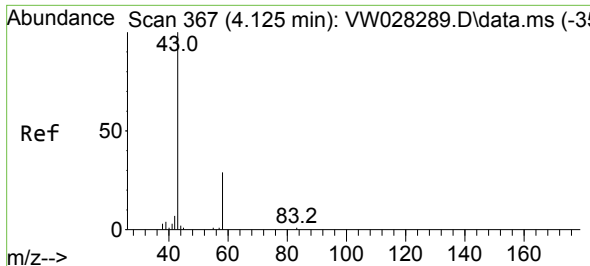
Tgt Ion:	101	Resp:	90049
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.4	54.6
151	77.3	58.4	87.6



#12
 1,1-Dichloroethene
 Concen: 26.129 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW028292.D
 Acq: 03 Apr 2024 14:46

Tgt Ion:	96	Resp:	92031
Ion	Ratio	Lower	Upper
96	100		
61	178.8	132.2	245.4
63	134.0	104.6	194.2

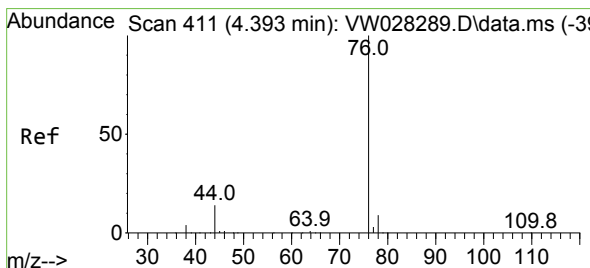
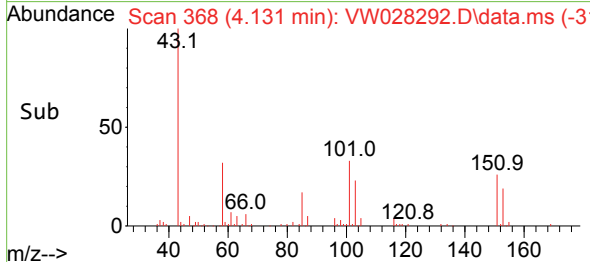
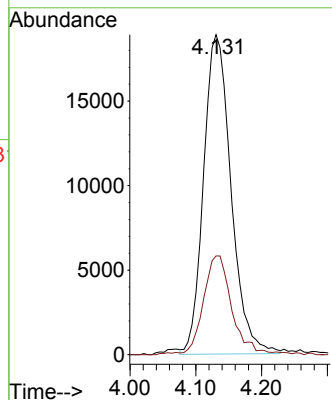
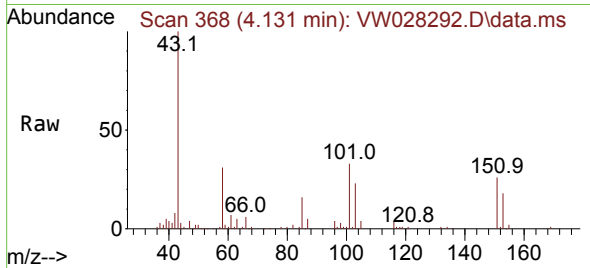




#13
Acetone
Concen: 52.598 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

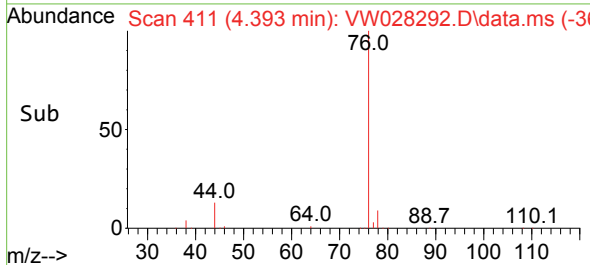
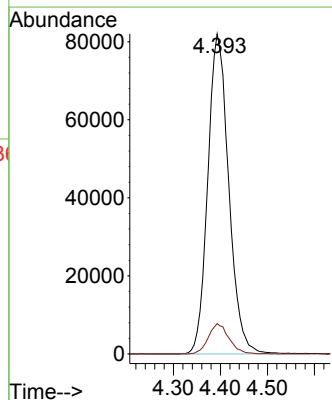
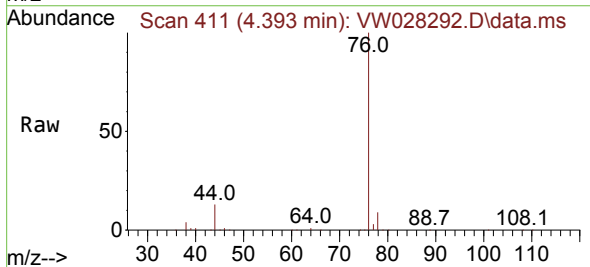
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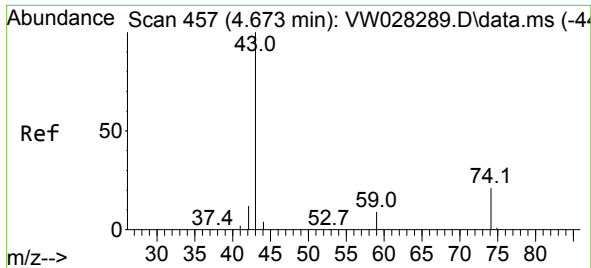
Tgt Ion: 43 Resp: 54971
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.8



#14
Carbon disulfide
Concen: 23.082 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028292.D
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Tgt Ion: 76 Resp: 253571
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

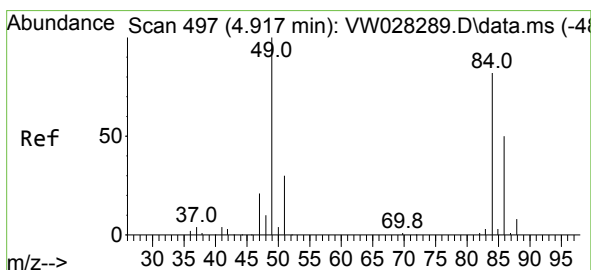
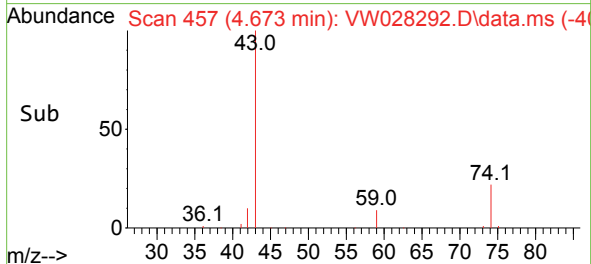
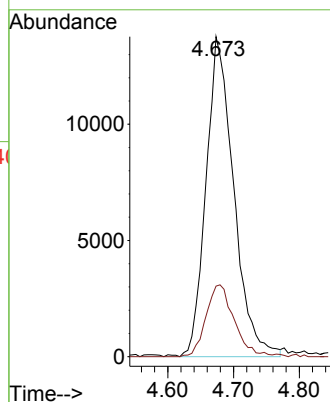
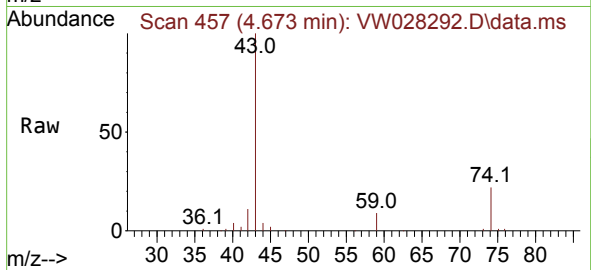




#15
Methyl Acetate
Concen: 25.046 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

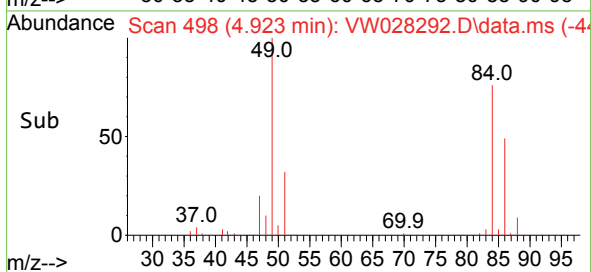
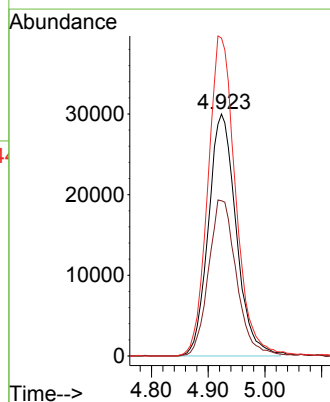
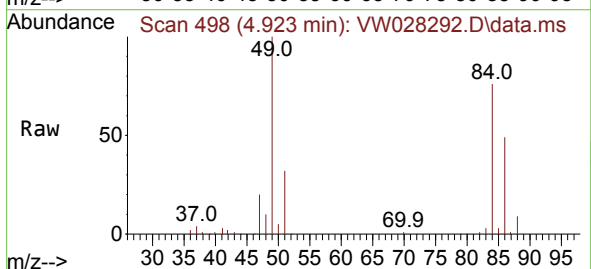
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

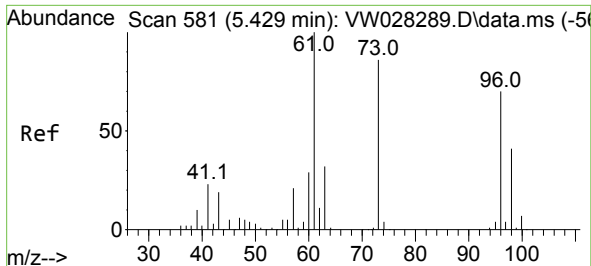
Tgt Ion: 43 Resp: 40320
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2



#16
Methylene chloride
Concen: 24.561 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 84 Resp: 101961
Ion Ratio Lower Upper
84 100
86 64.2 43.1 80.1
49 131.5 89.4 166.0

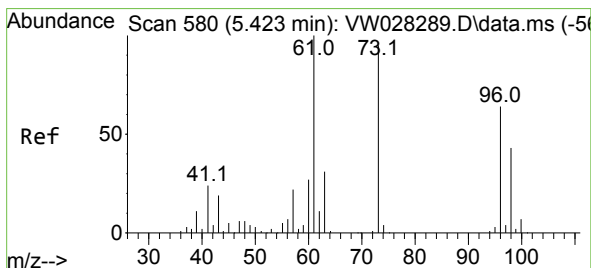
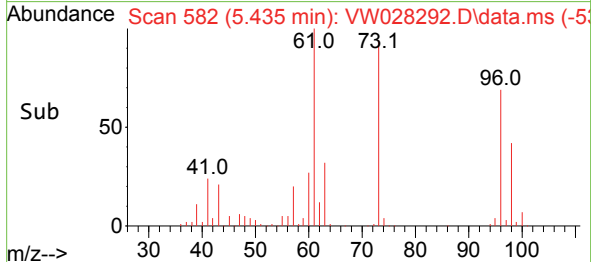
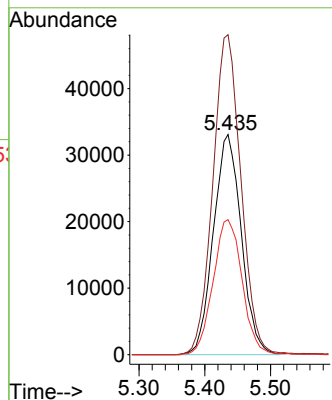
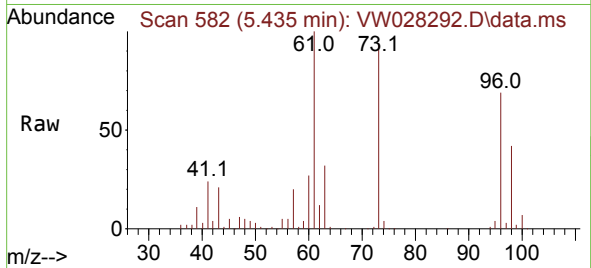




#17
trans-1,2-Dichloroethene
Concen: 26.093 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

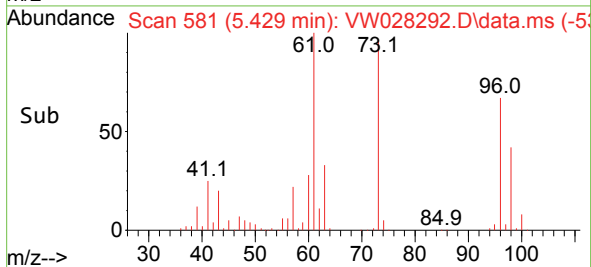
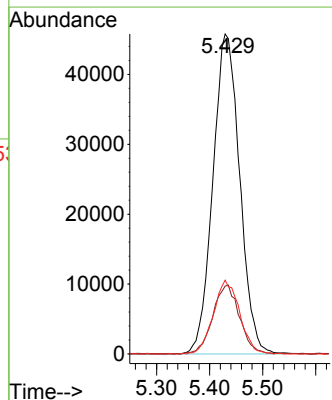
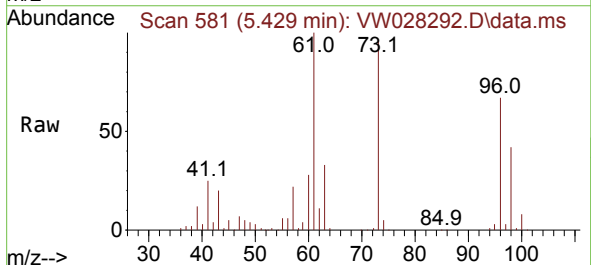
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

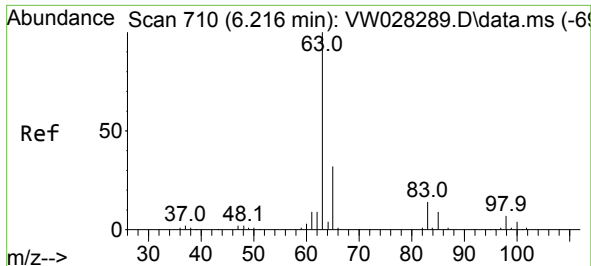
Tgt Ion: 96 Resp: 97668
Ion Ratio Lower Upper
96 100
61 145.3 98.4 182.8
98 61.3 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 28.468 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 73 Resp: 160771
Ion Ratio Lower Upper
73 100
43 21.6 18.2 27.4
57 22.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 27.954 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

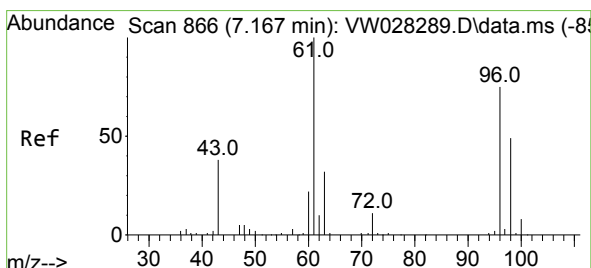
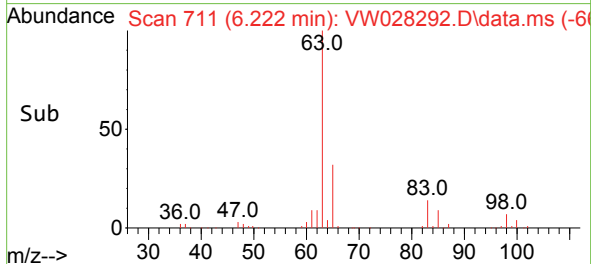
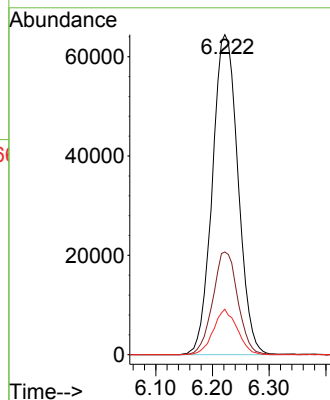
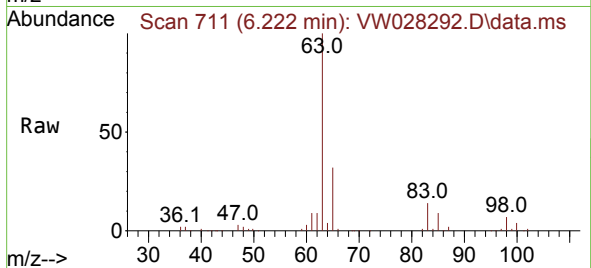
Tgt Ion: 63 Resp: 202567

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 14.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 27.346 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

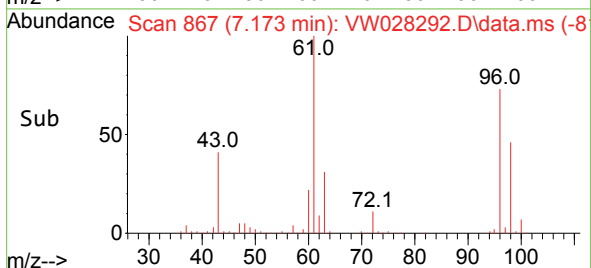
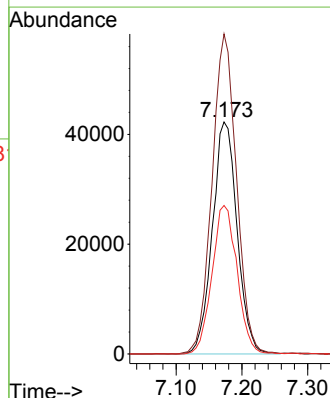
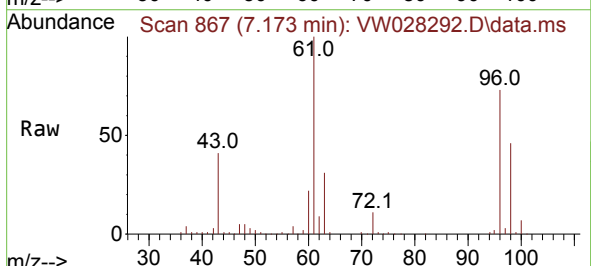
Tgt Ion: 96 Resp: 110550

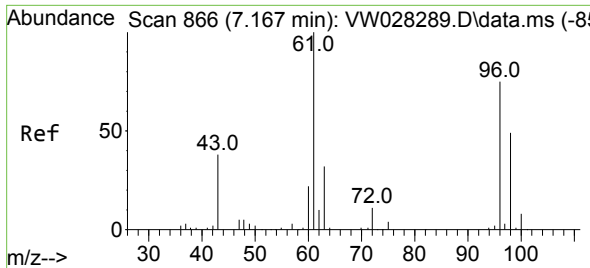
Ion Ratio Lower Upper

96 100

61 137.9 95.7 177.7

98 64.0 43.9 81.5

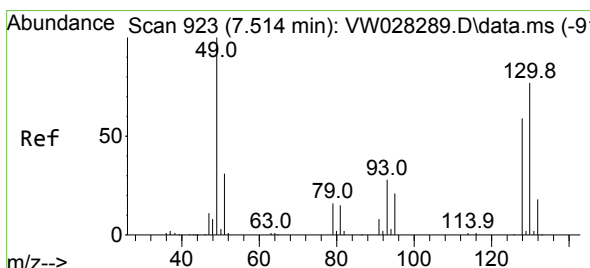
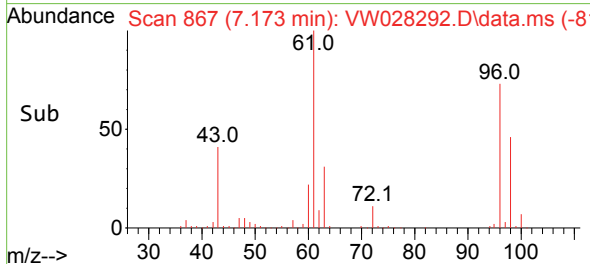
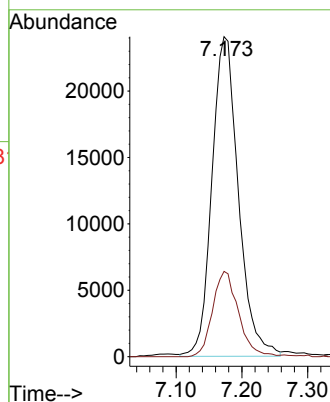
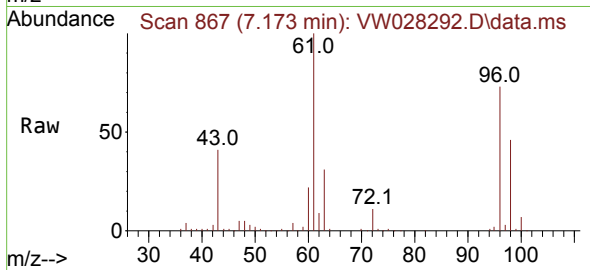




#22
2-Butanone
Concen: 56.848 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

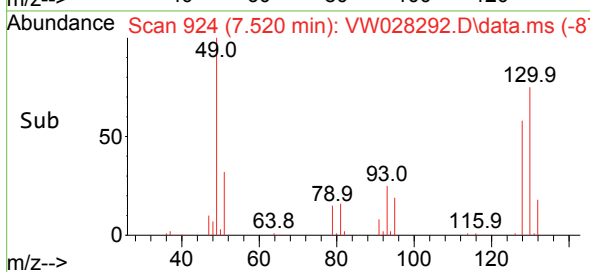
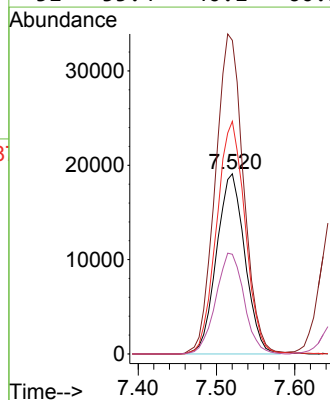
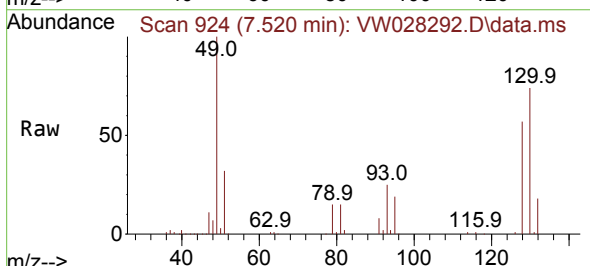
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

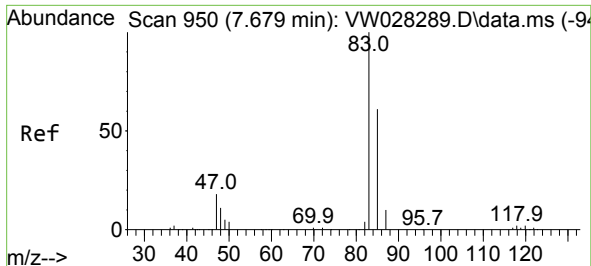
Tgt Ion: 43 Resp: 67455
Ion Ratio Lower Upper
43 100
72 25.7 12.8 38.4



#23
Bromochloromethane
Concen: 26.895 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 128 Resp: 48067
Ion Ratio Lower Upper
128 100
49 174.1 116.6 216.6
130 129.2 80.1 148.7
51 55.4 40.1 60.1

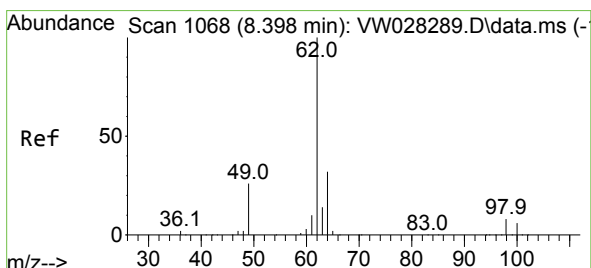
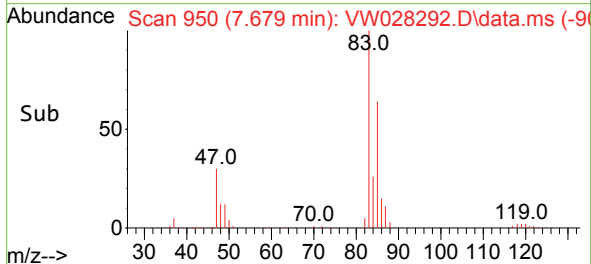
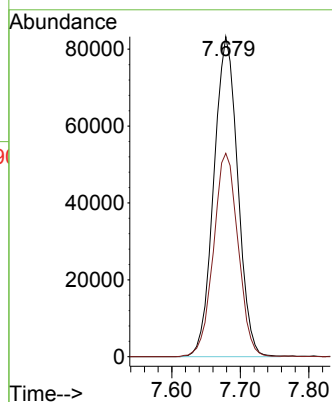
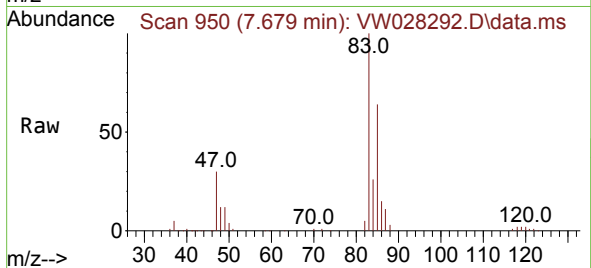




#25
Chloroform
Concen: 27.029 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

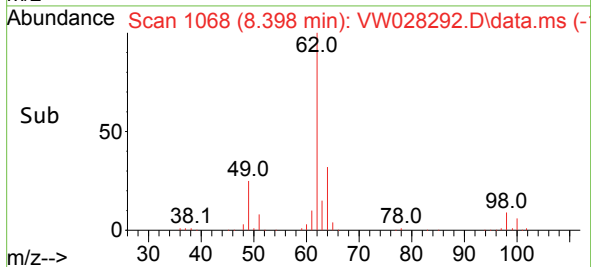
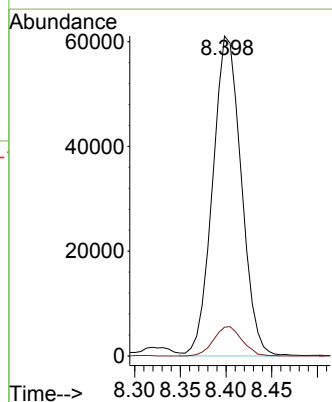
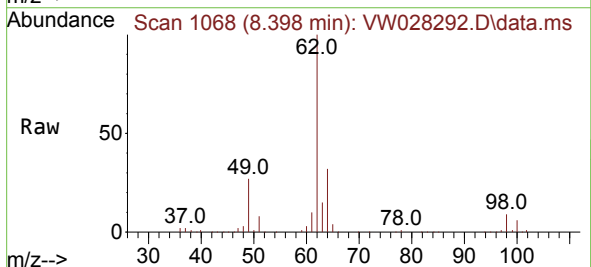
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

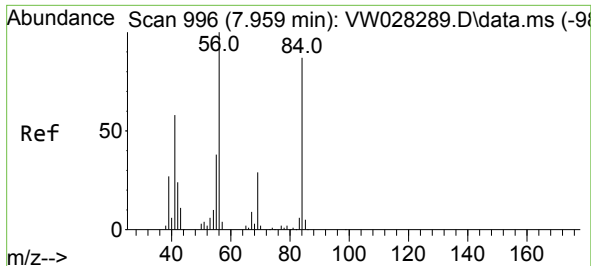
Tgt Ion: 83 Resp: 201639
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7



#27
1,2-Dichloroethane
Concen: 25.255 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 62 Resp: 133053
Ion Ratio Lower Upper
62 100
98 9.0 5.9 8.9#





#29

Cyclohexane

Concen: 22.823 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

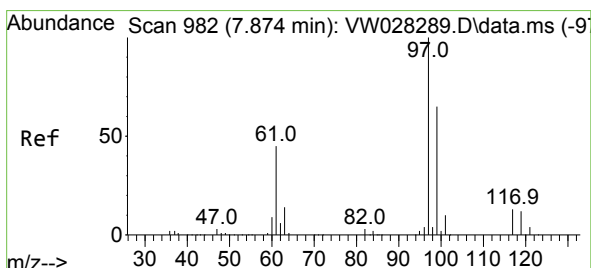
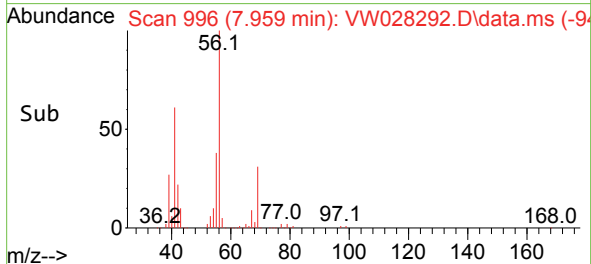
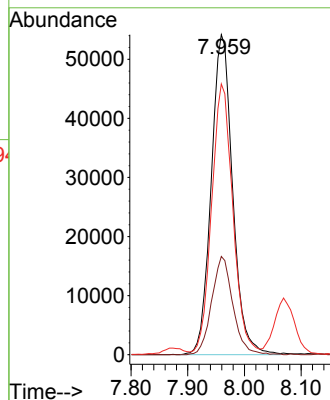
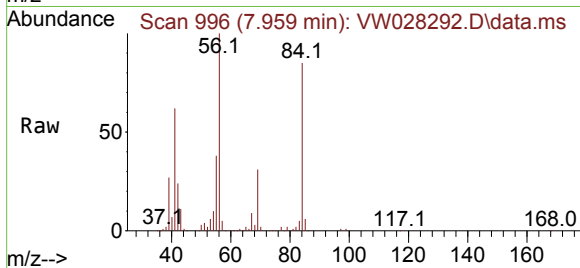
Tgt Ion: 56 Resp: 142104

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 83.9 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 26.568 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

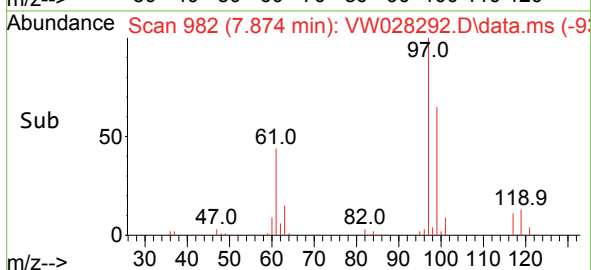
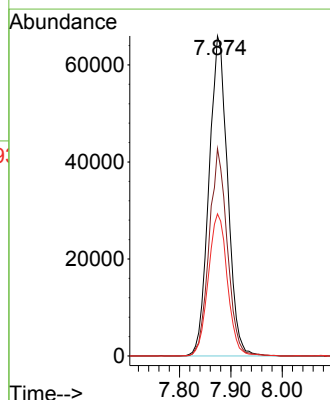
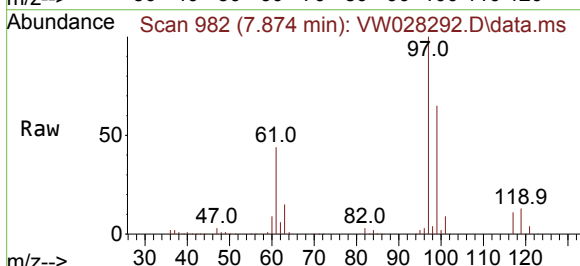
Tgt Ion: 97 Resp: 166250

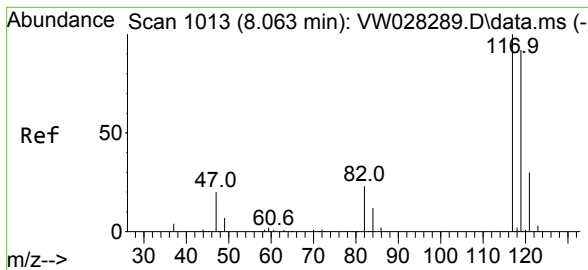
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 45.5 37.0 55.6

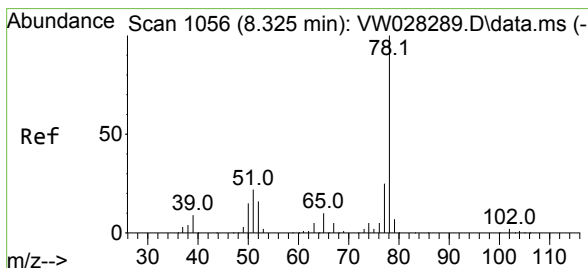
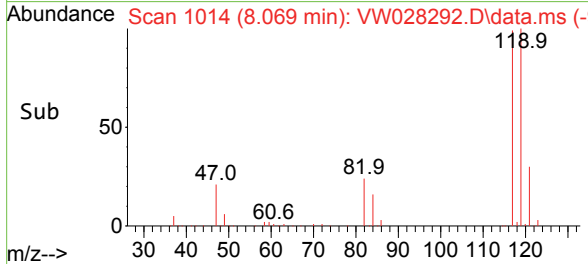
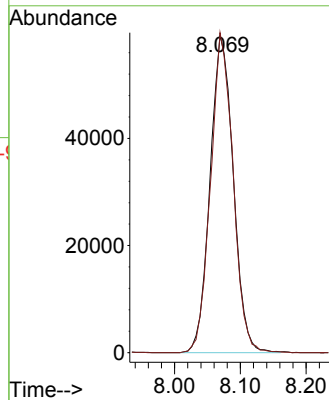
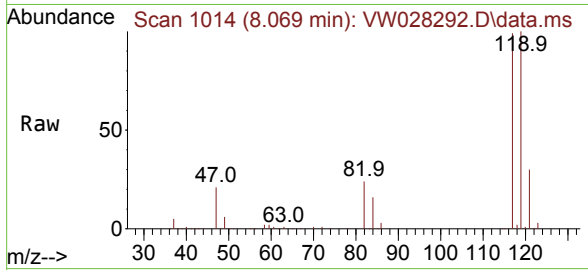




#31
Carbon tetrachloride
Concen: 24.771 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

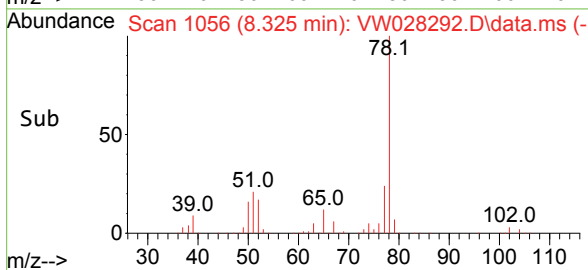
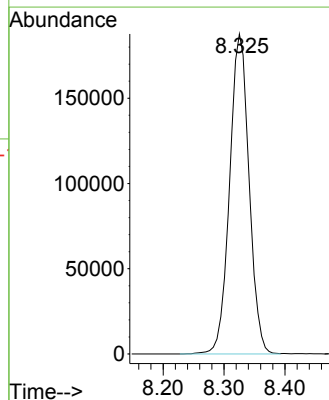
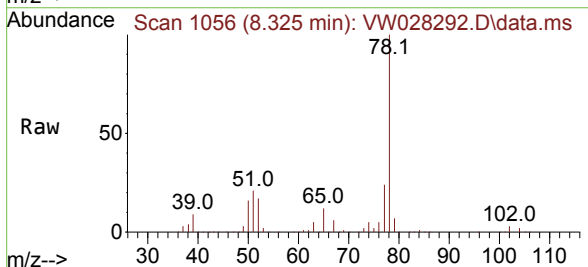
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

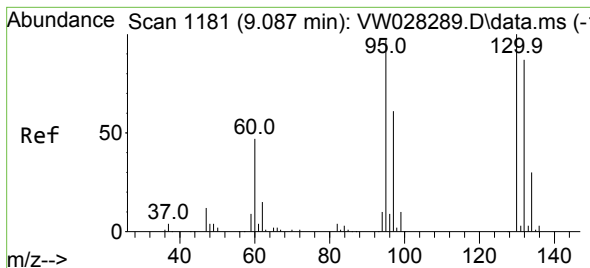
Tgt Ion:117 Resp: 145392
Ion Ratio Lower Upper
117 100
119 97.5 78.2 117.4



#33
Benzene
Concen: 28.339 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 78 Resp: 416281





#34

Trichloroethene

Concen: 26.603 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

Tgt Ion: 95 Resp: 109026

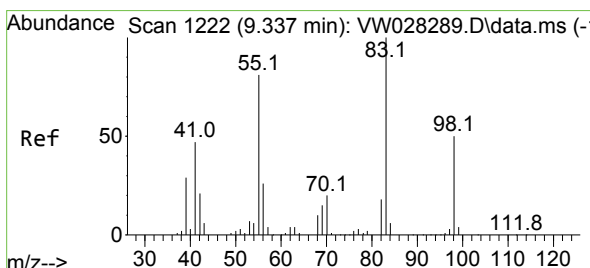
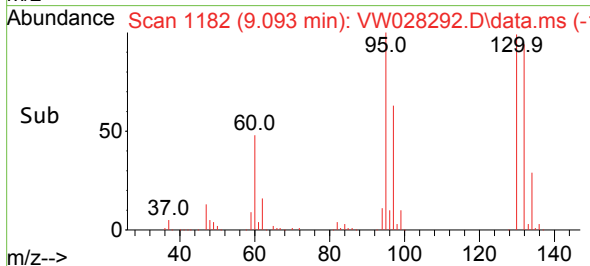
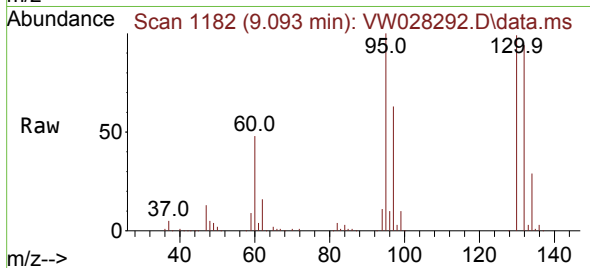
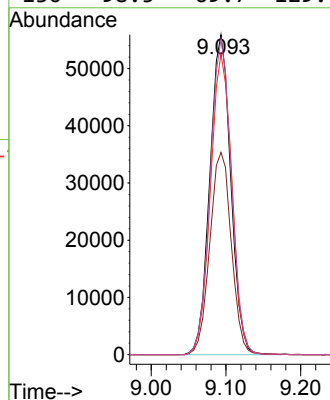
Ion Ratio Lower Upper

95 100

97 63.2 42.4 78.6

132 94.0 69.4 128.8

130 98.5 69.7 129.4



#35

Methylcyclohexane

Concen: 17.053 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

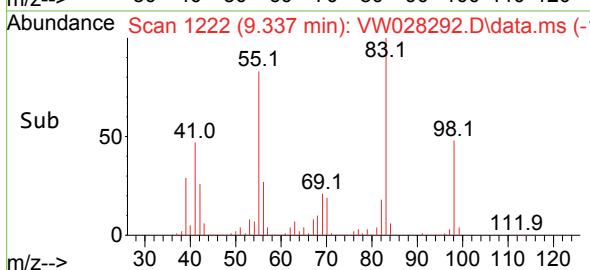
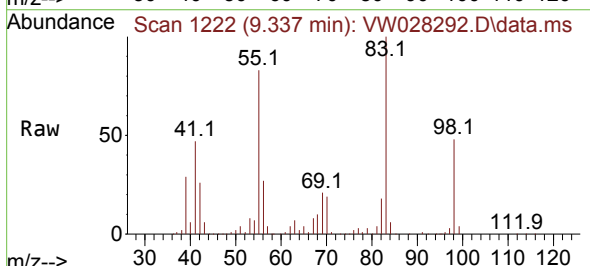
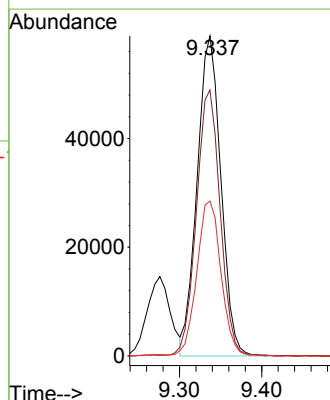
Tgt Ion: 83 Resp: 118128

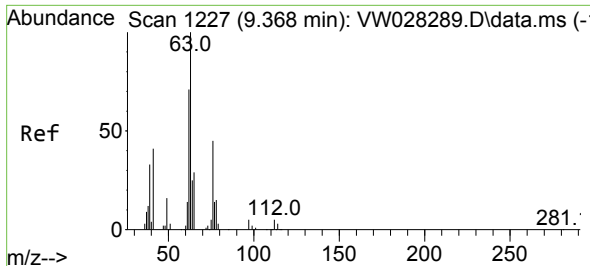
Ion Ratio Lower Upper

83 100

55 82.6 64.2 96.4

98 49.3 38.3 57.5

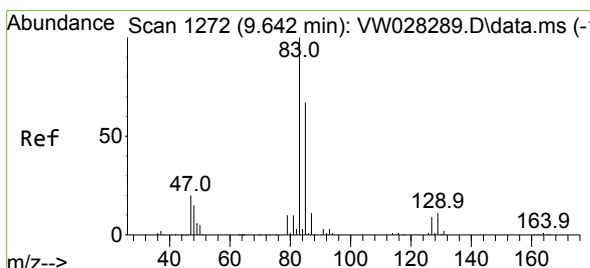
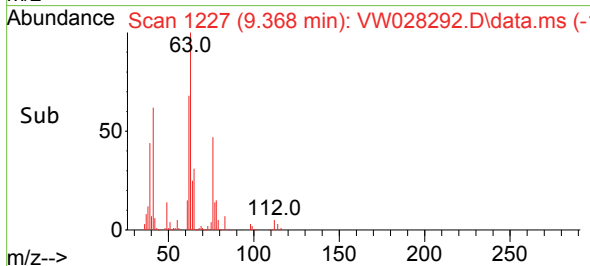
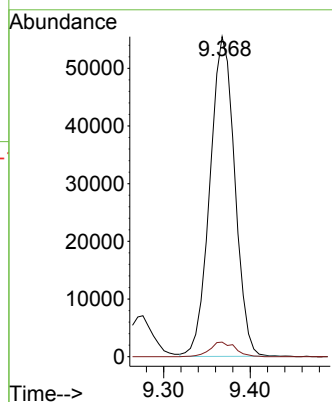
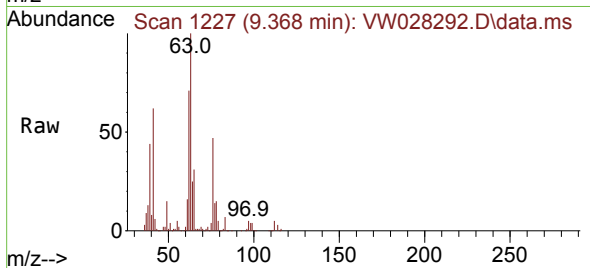




#37
1,2-Dichloropropane
Concen: 29.370 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

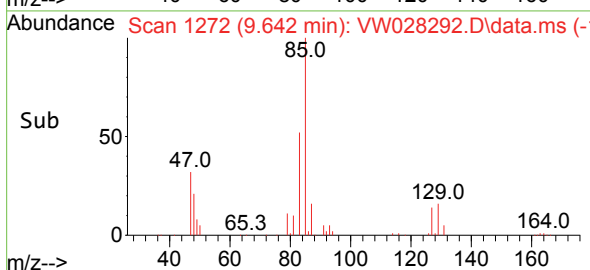
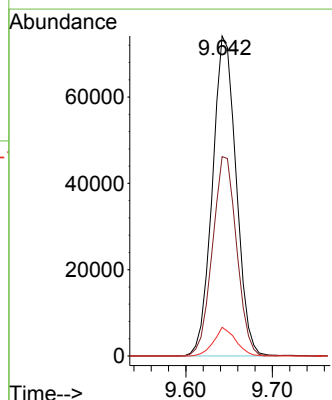
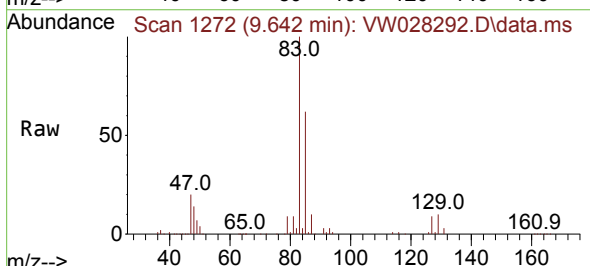
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

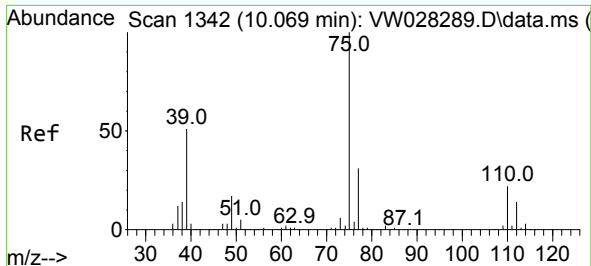
Tgt Ion: 63 Resp: 110351
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 27.912 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 83 Resp: 141392
Ion Ratio Lower Upper
83 100
85 62.3 45.8 85.2
127 9.0 6.5 9.7

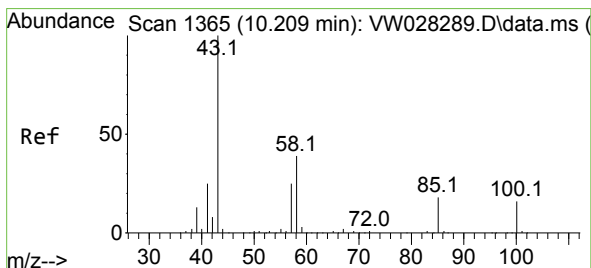
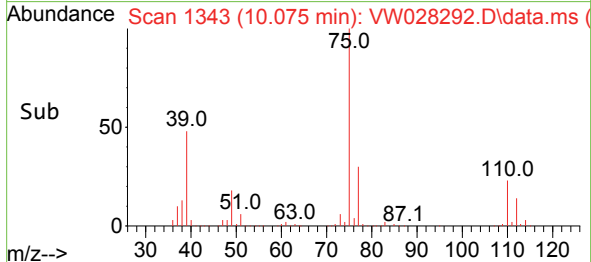
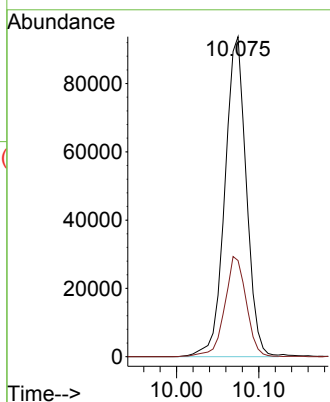
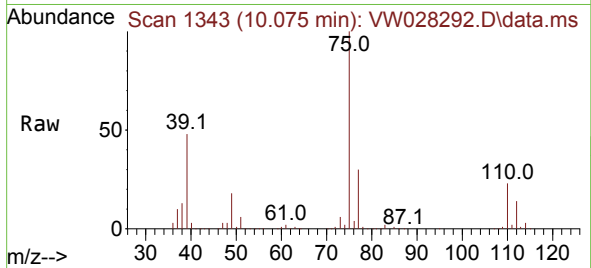




#39
cis-1,3-Dichloropropene
Concen: 28.257 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

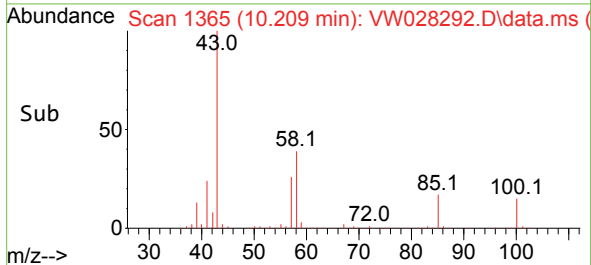
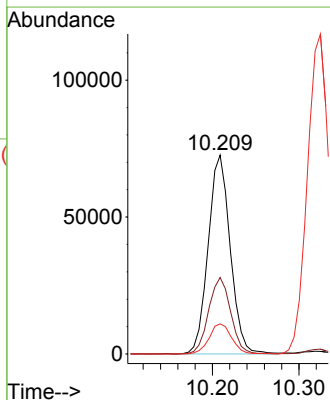
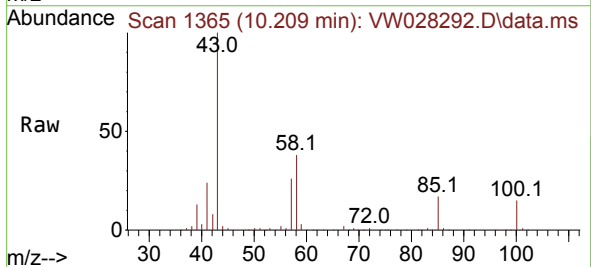
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

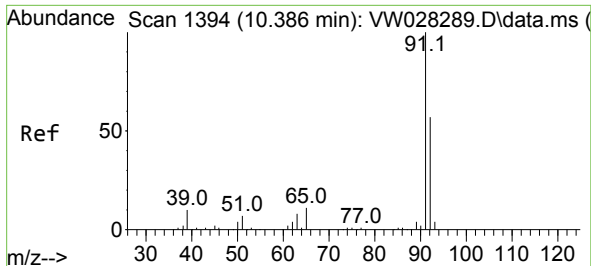
Tgt Ion: 75 Resp: 170025
Ion Ratio Lower Upper
75 100
77 30.1 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 61.969 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 43 Resp: 128519
Ion Ratio Lower Upper
43 100
58 38.4 30.1 45.1
100 15.5 11.8 17.8

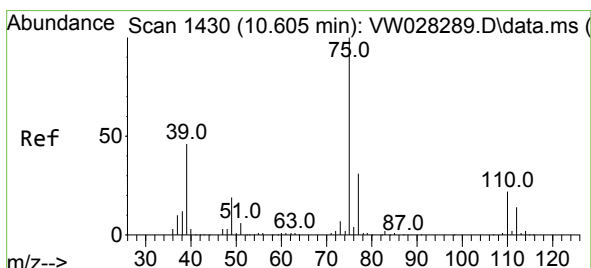
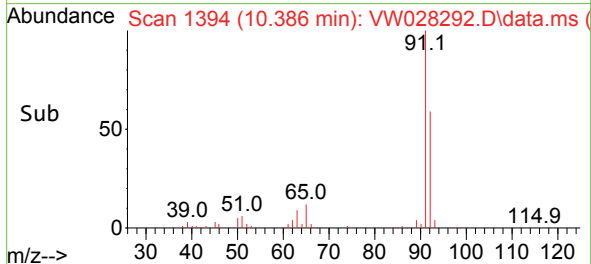
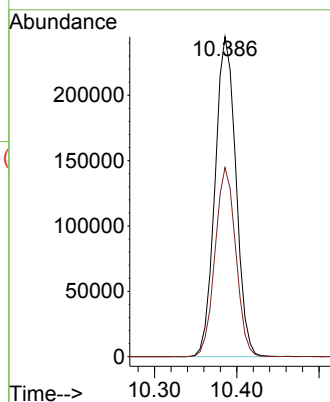
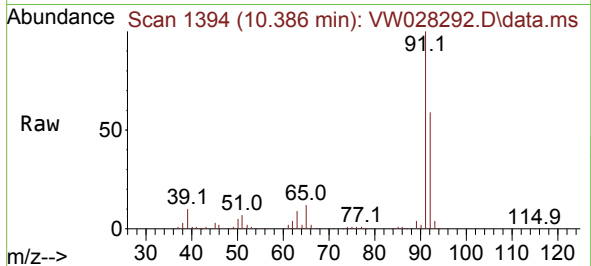




#42
Toluene
Concen: 26.933 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

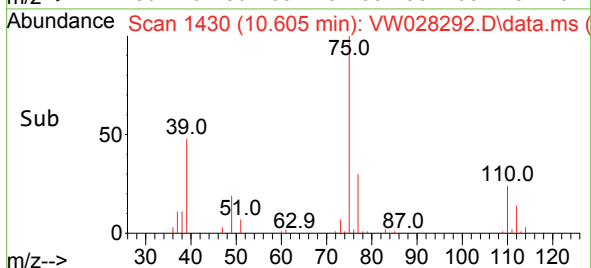
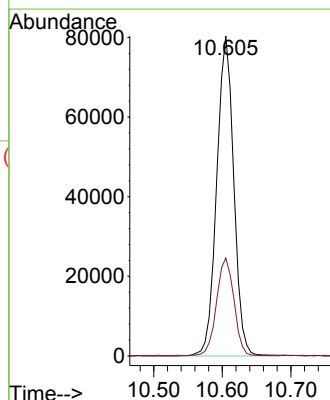
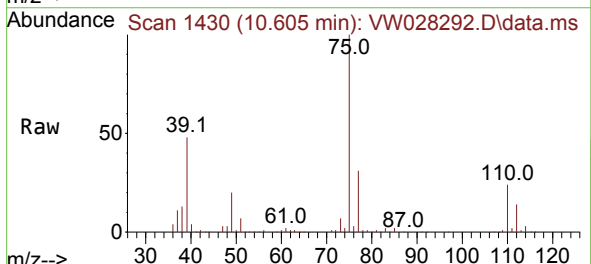
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

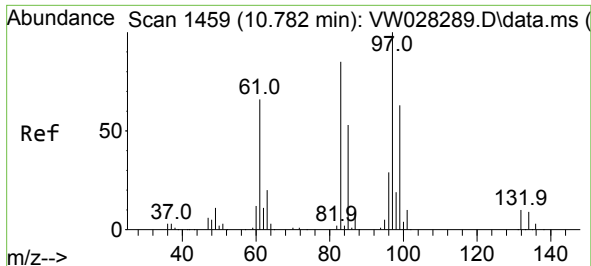
Tgt Ion: 91 Resp: 431780
Ion Ratio Lower Upper
91 100
92 59.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 27.292 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 75 Resp: 138646
Ion Ratio Lower Upper
75 100
77 30.6 23.0 42.6

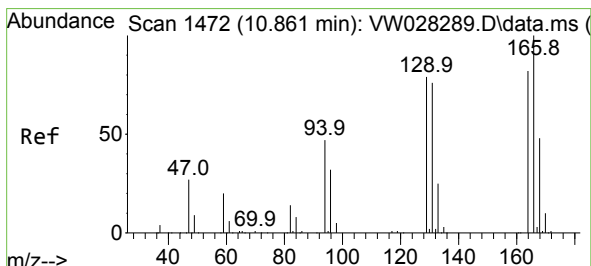
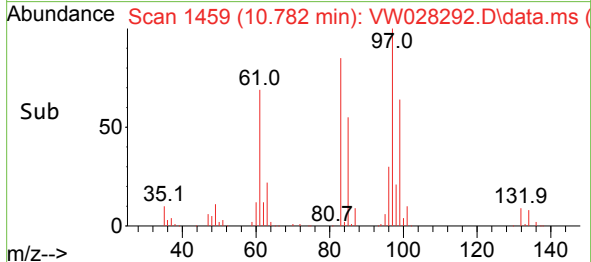
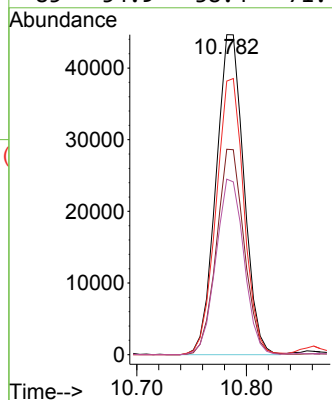
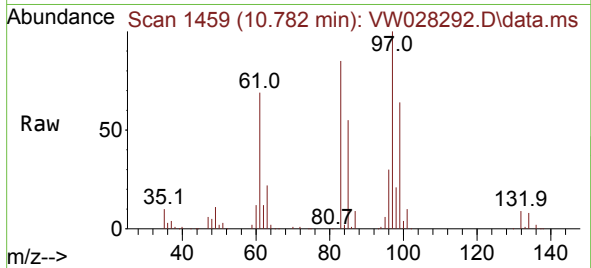




#45
1,1,2-Trichloroethane
Concen: 29.052 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

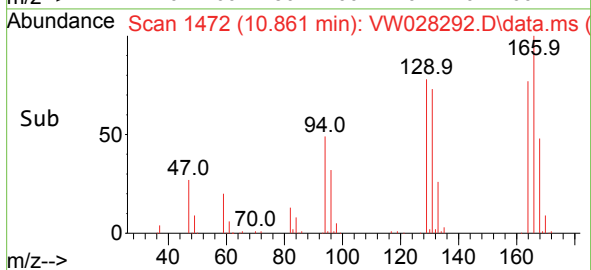
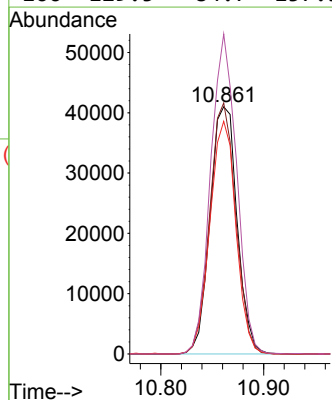
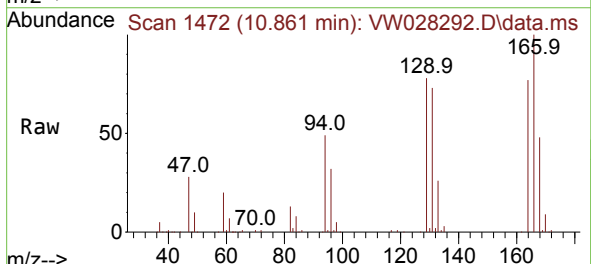
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

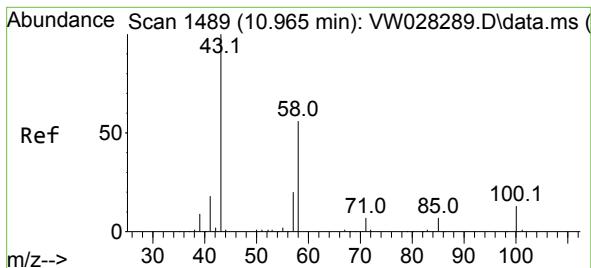
Tgt Ion:	97	Resp:	78865
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.4	80.6
83	85.5	59.4	110.4
85	54.9	38.4	71.4



#46
Tetrachloroethene
Concen: 22.573 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:	164	Resp:	74569
Ion	Ratio	Lower	Upper
164	100		
129	101.6	64.0	119.0
131	94.1	62.6	116.3
166	129.5	84.7	157.3





#48

2-Hexanone

Concen: 62.139 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

Tgt Ion: 43 Resp: 100951

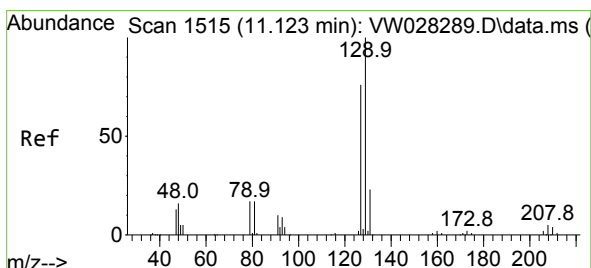
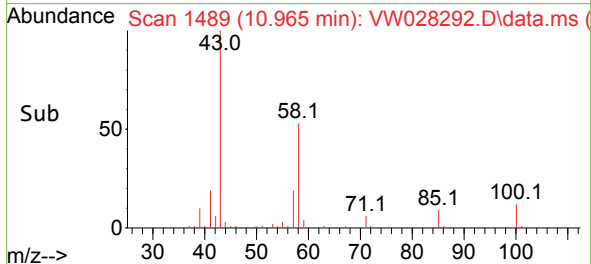
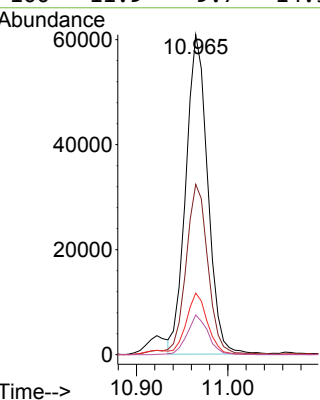
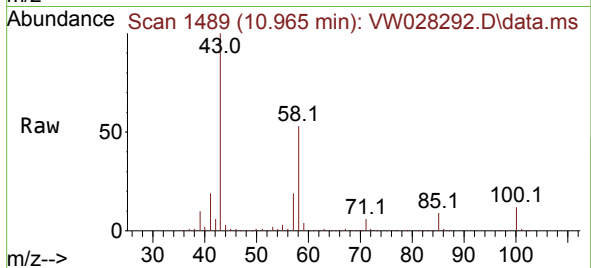
Ion Ratio Lower Upper

43 100

58 53.7 40.6 61.0

57 18.6 15.7 23.5

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 27.478 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028292.D

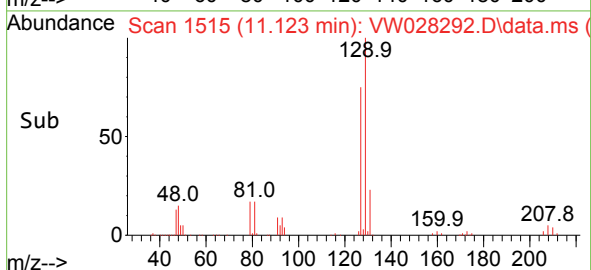
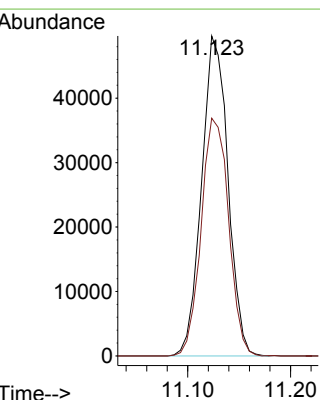
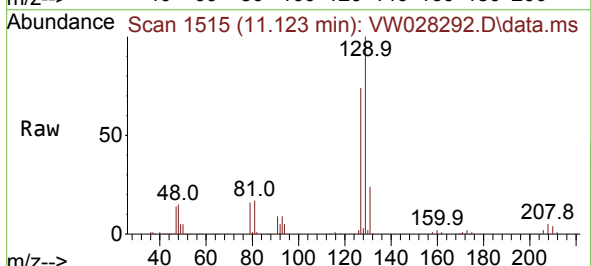
Acq: 03 Apr 2024 14:46

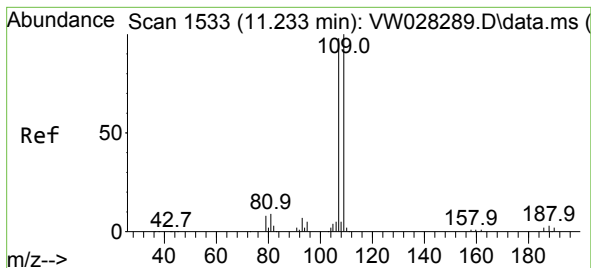
Tgt Ion:129 Resp: 88340

Ion Ratio Lower Upper

129 100

127 74.3 53.1 98.7

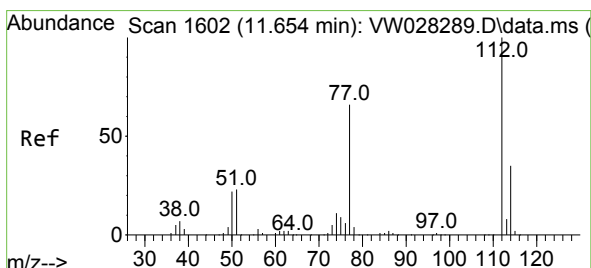
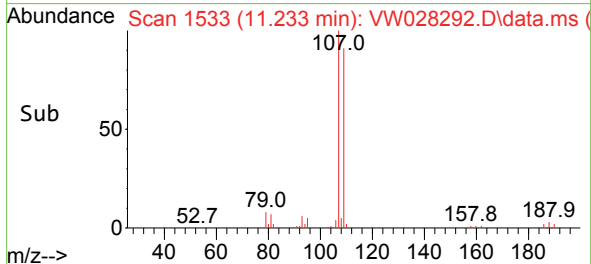
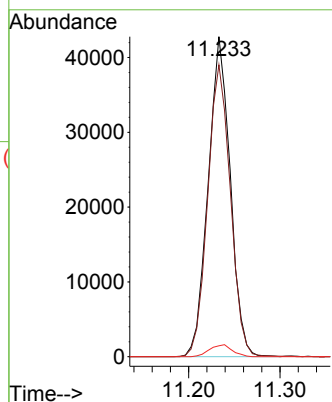
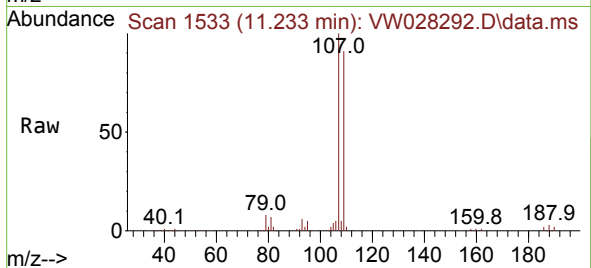




#50
1,2-Dibromoethane
Concen: 27.614 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

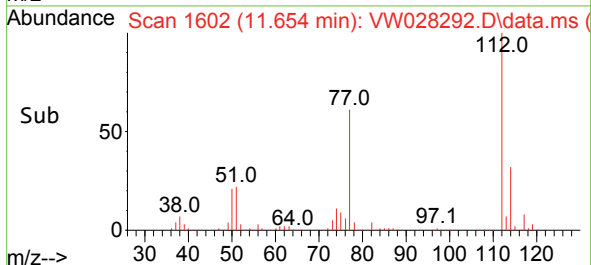
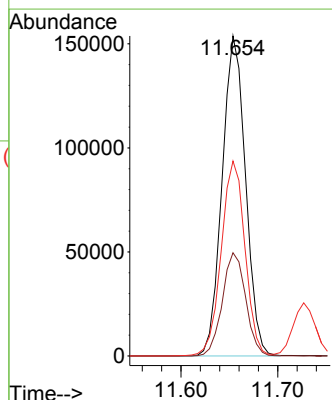
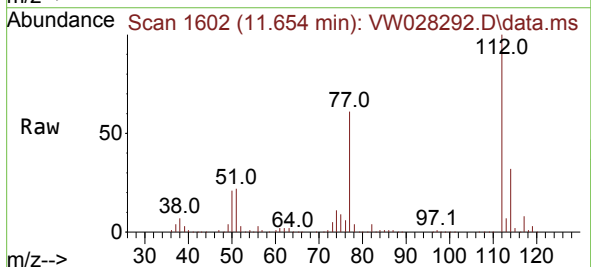
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

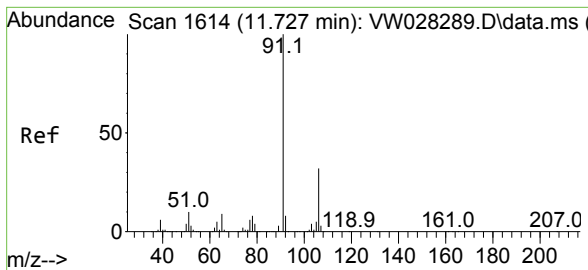
Tgt Ion:107 Resp: 71677
Ion Ratio Lower Upper
107 100
109 91.2 64.4 119.6
188 3.4 3.4 5.2#



#51
Chlorobenzene
Concen: 25.372 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:112 Resp: 258182
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 60.9 50.6 76.0

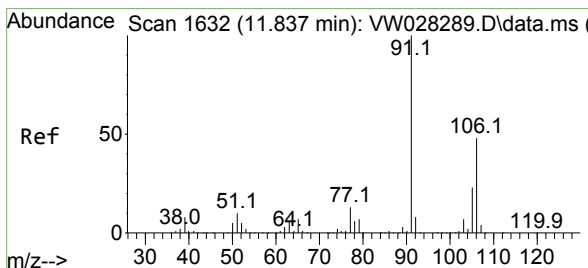
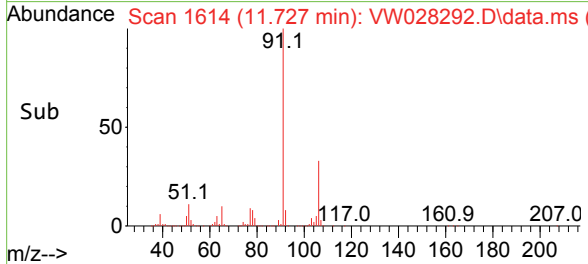
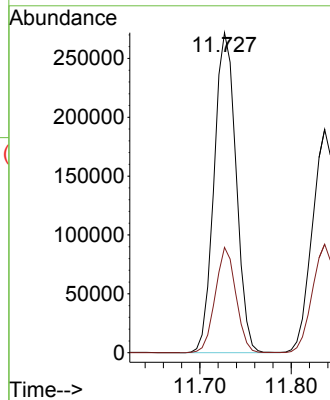
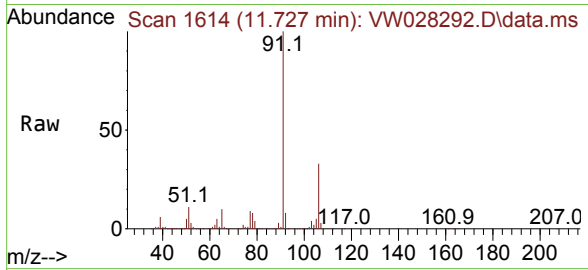




#52
Ethylbenzene
Concen: 24.248 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

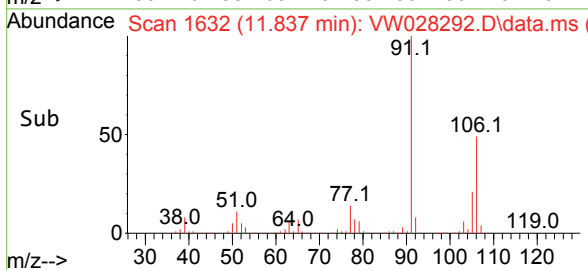
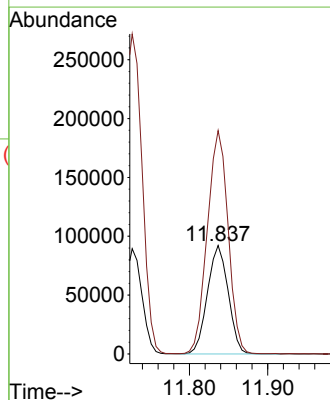
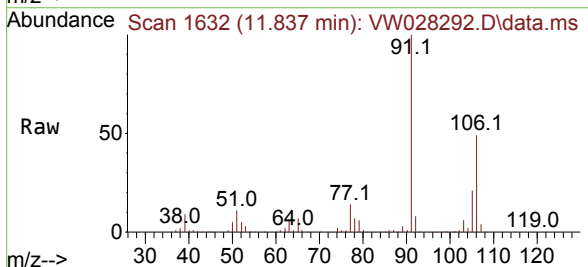
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

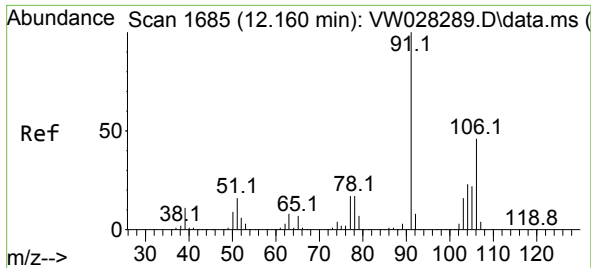
Tgt Ion: 91 Resp: 453805
Ion Ratio Lower Upper
91 100
106 32.9 21.3 39.5



#53
m,p-Xylene
Concen: 24.095 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 106 Resp: 169692
Ion Ratio Lower Upper
106 100
91 205.9 147.1 273.1

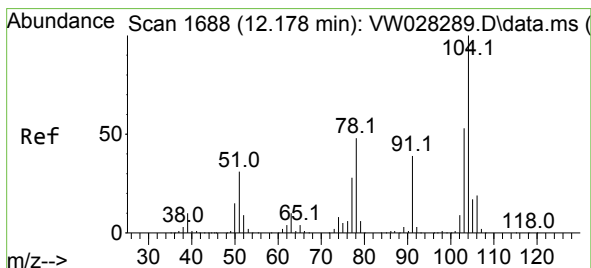
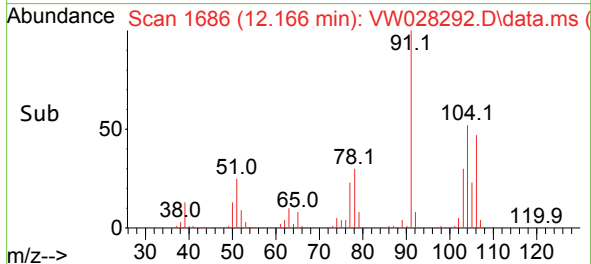
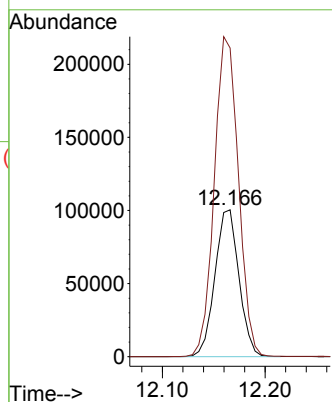
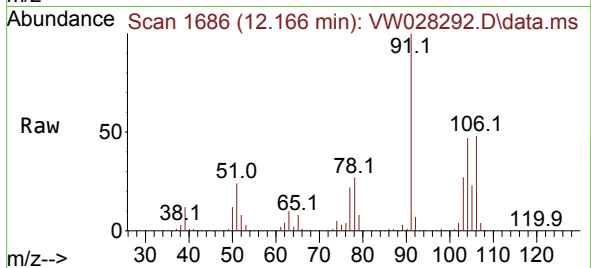




#54
o-Xylene
Concen: 24.954 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

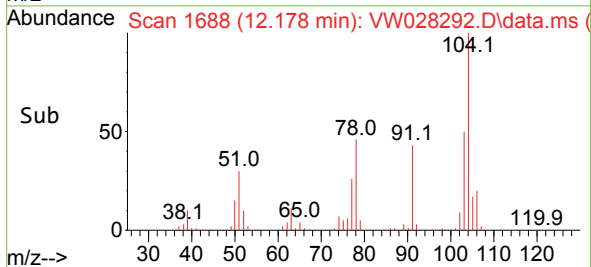
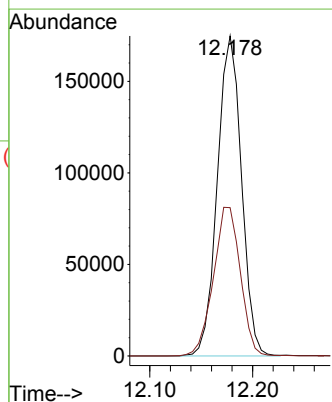
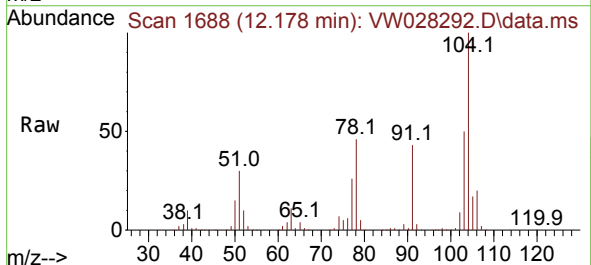
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

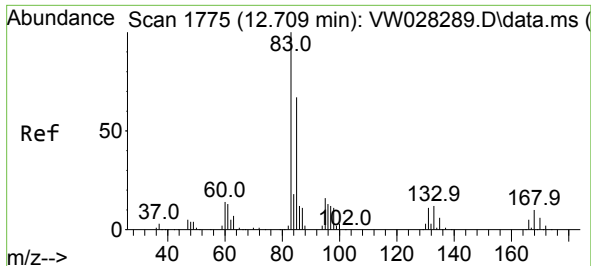
Tgt Ion:106 Resp: 162969
Ion Ratio Lower Upper
106 100
91 210.0 149.2 277.2



#55
Styrene
Concen: 25.425 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:104 Resp: 285221
Ion Ratio Lower Upper
104 100
78 46.4 33.2 61.7





#57

1,1,2-Tetrachloroethane

Concen: 27.823 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

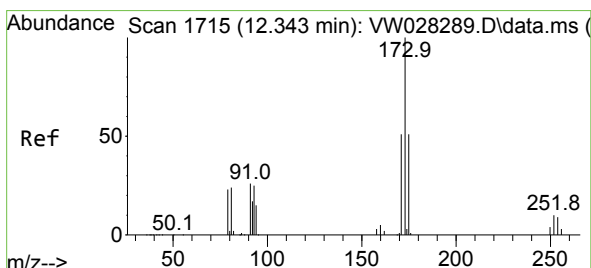
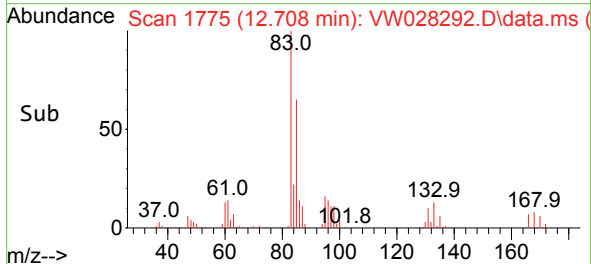
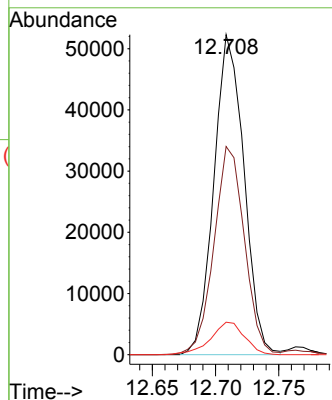
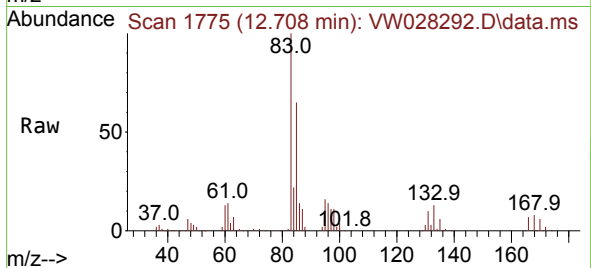
Tgt Ion: 83 Resp: 86392

Ion Ratio Lower Upper

83 100

85 65.1 47.0 87.2

131 10.2 8.9 13.3



#59

Bromoform

Concen: 32.999 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

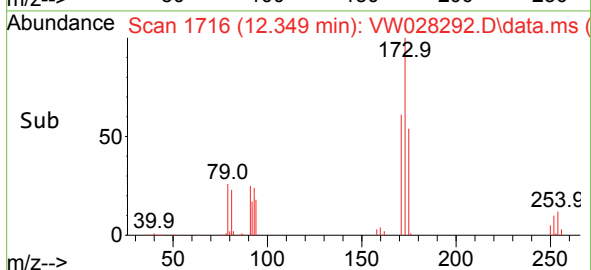
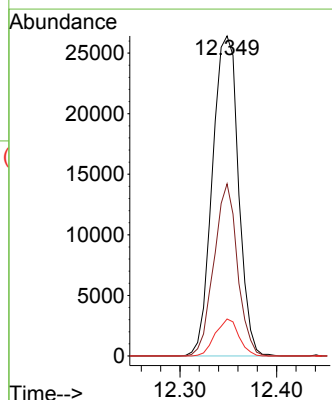
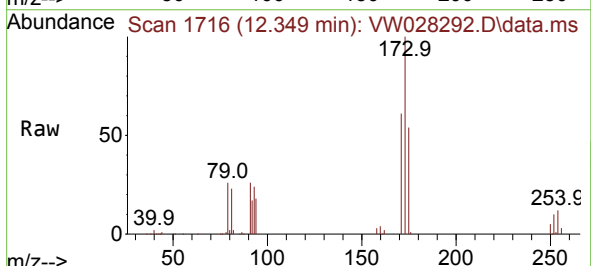
Tgt Ion:173 Resp: 49318

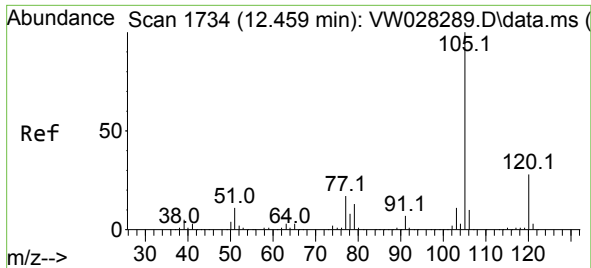
Ion Ratio Lower Upper

173 100

175 48.6 39.8 59.6

254 10.5 8.5 12.7

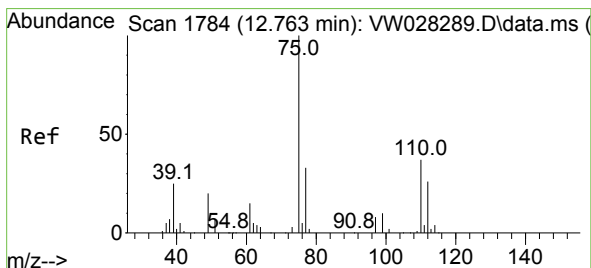
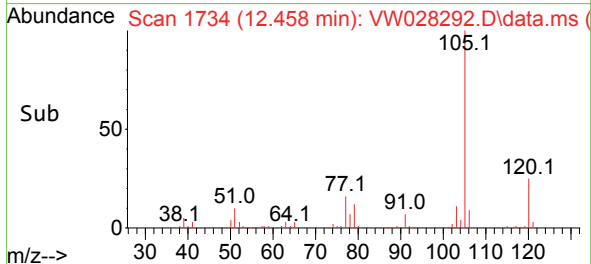
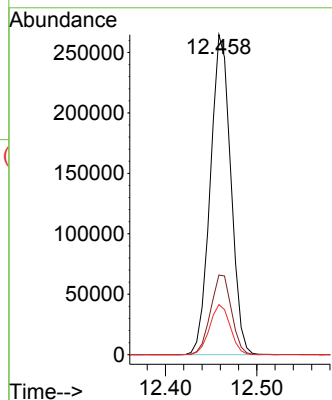
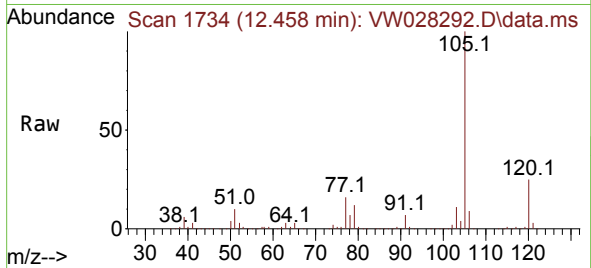




#60
Isopropylbenzene
Concen: 27.733 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

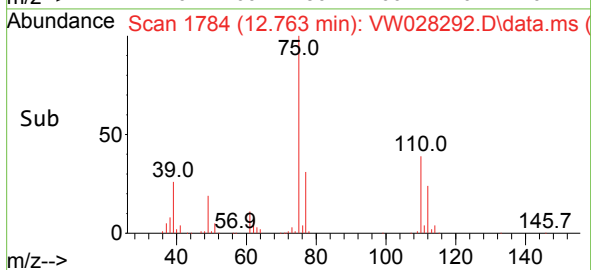
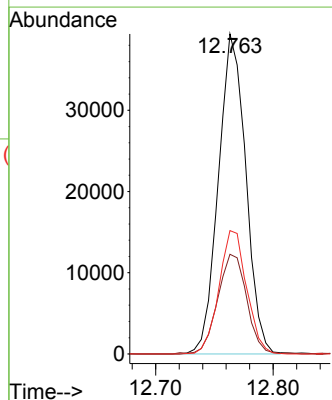
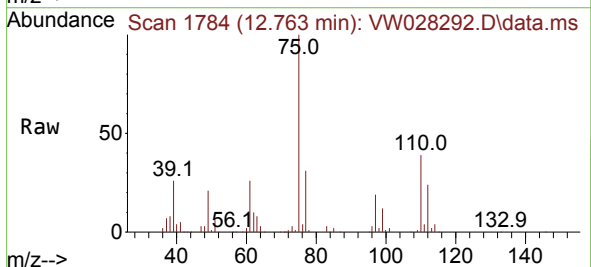
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

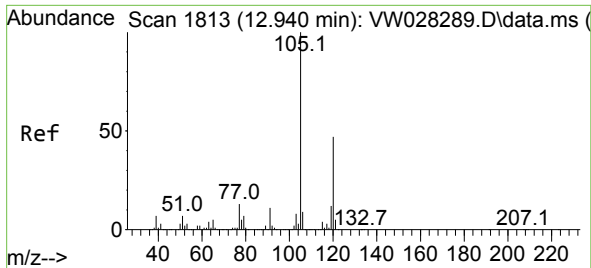
Tgt Ion:105 Resp: 410978
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 15.7 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 33.542 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 75 Resp: 63848
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 38.9 32.2 48.2

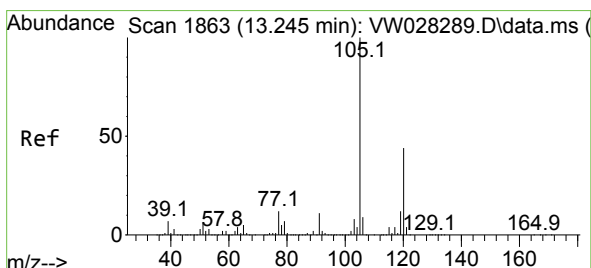
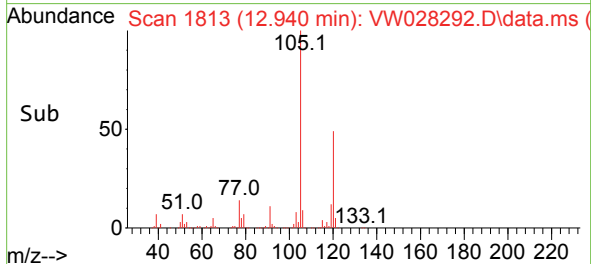
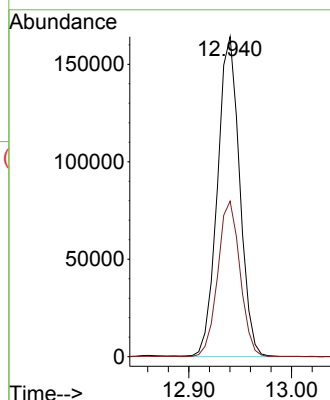
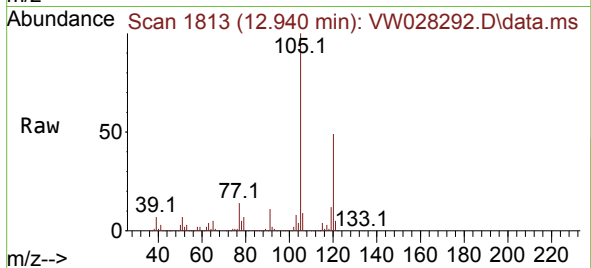




#62
1,3,5-Trimethylbenzene
Concen: 24.785 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

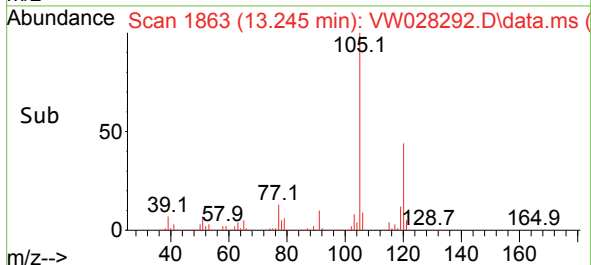
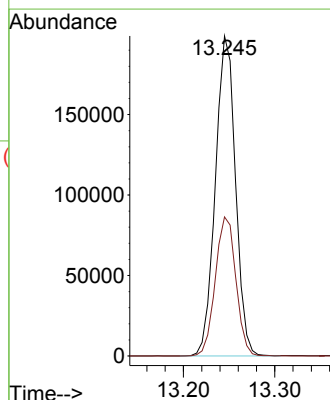
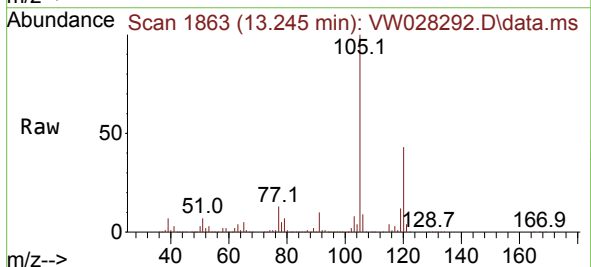
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

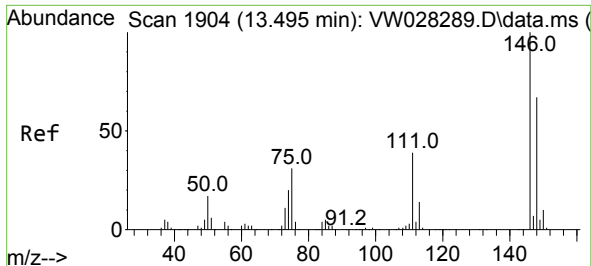
Tgt Ion:105 Resp: 246437
Ion Ratio Lower Upper
105 100
120 48.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.339 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:105 Resp: 304227
Ion Ratio Lower Upper
105 100
120 44.4 35.6 53.4

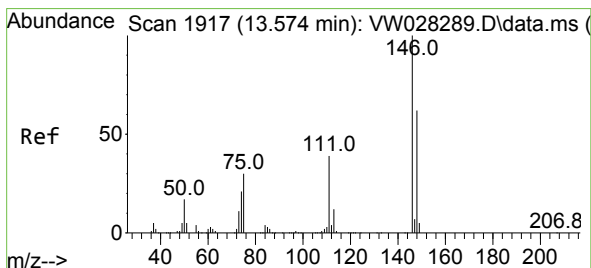
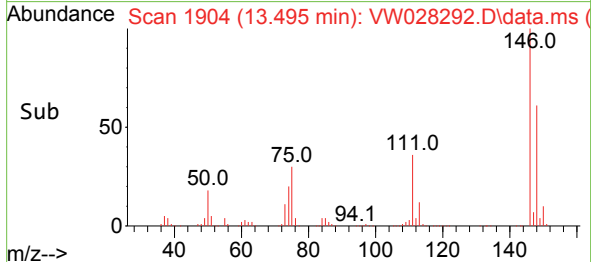
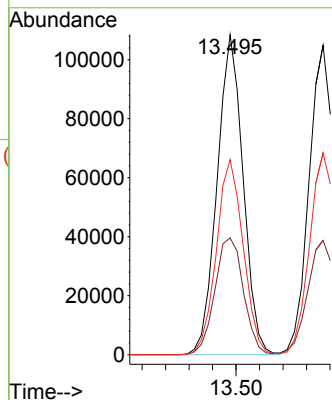
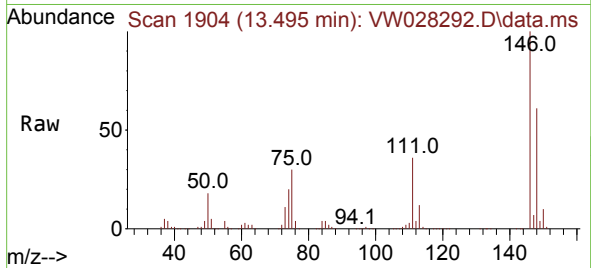




#64
1,3-Dichlorobenzene
Concen: 25.249 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

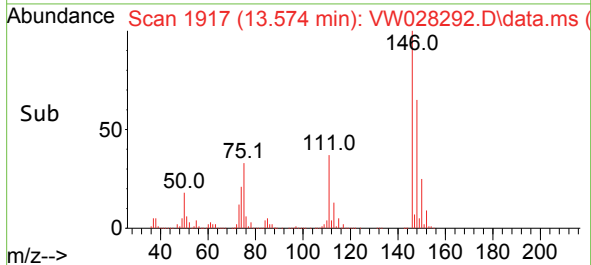
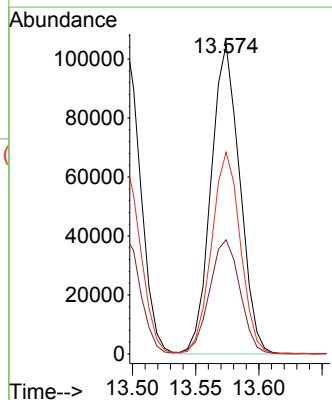
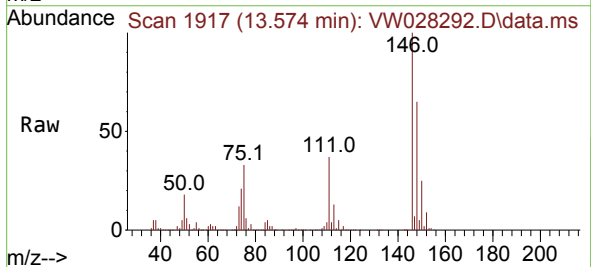
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

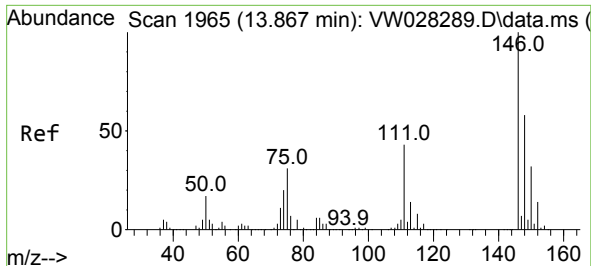
Tgt Ion:146 Resp: 166925
Ion Ratio Lower Upper
146 100
111 36.5 28.5 52.9
148 61.0 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 25.162 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion:146 Resp: 166344
Ion Ratio Lower Upper
146 100
111 36.9 28.8 53.6
148 65.3 45.3 84.1

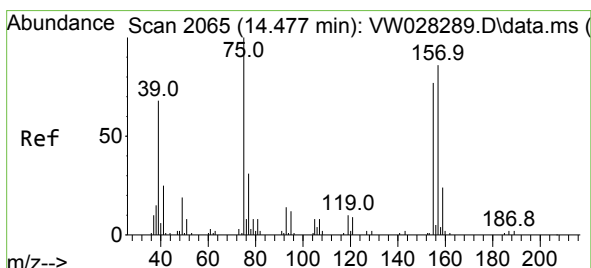
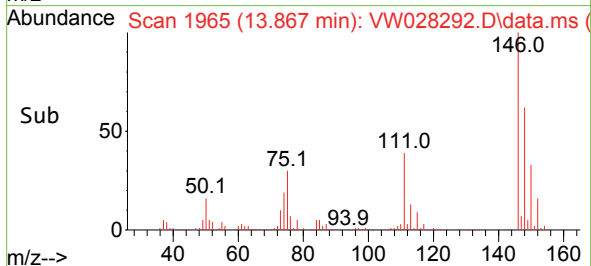
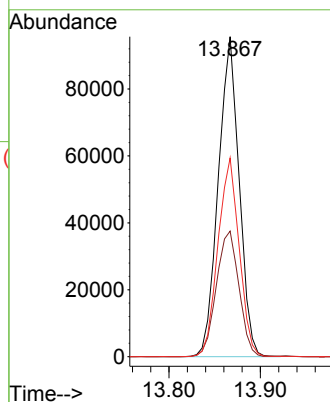
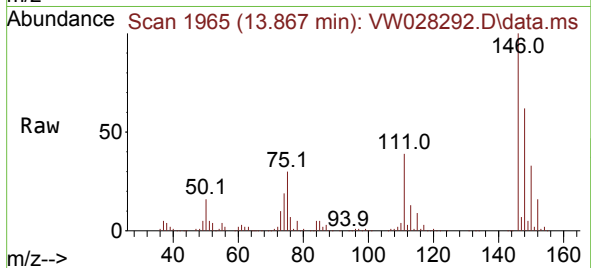




#67
1,2-Dichlorobenzene
Concen: 26.646 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

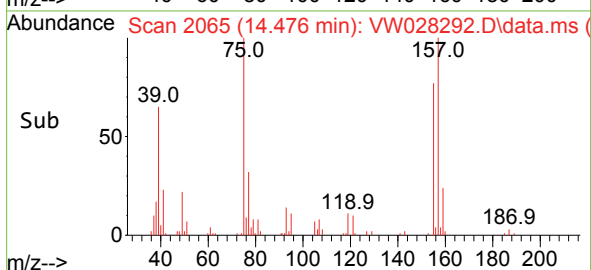
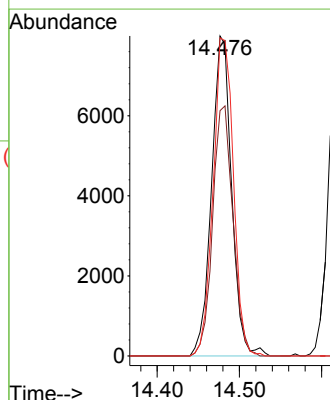
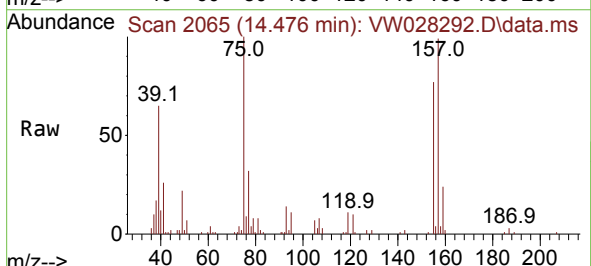
Instrument :
MSVOA_W
ClientSampleId :
E07D6MS

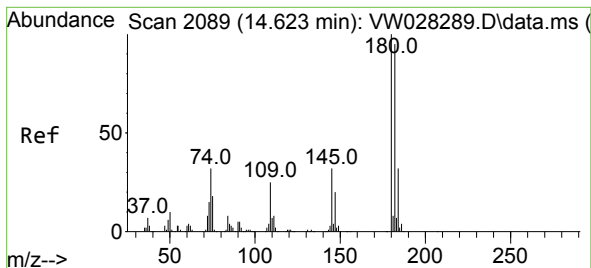
Tgt Ion:146 Resp: 151703
Ion Ratio Lower Upper
146 100
111 39.3 34.2 51.2
148 62.1 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 30.142 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028292.D
Acq: 03 Apr 2024 14:46

Tgt Ion: 75 Resp: 13478
Ion Ratio Lower Upper
75 100
155 76.6 61.1 91.7
157 99.4 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 15.551 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028292.D

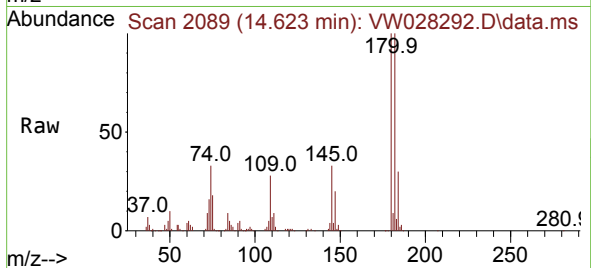
Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS



Tgt Ion:180 Resp: 71615

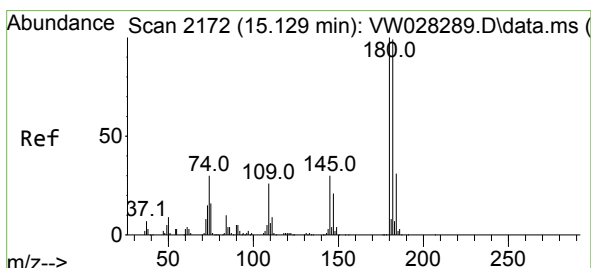
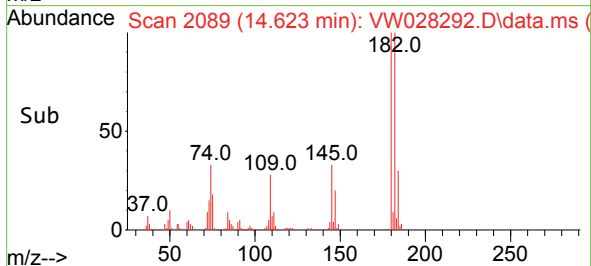
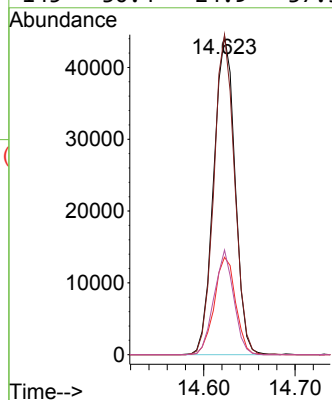
Ion Ratio Lower Upper

180 100

182 97.3 76.6 114.8

184 30.6 23.5 35.3

145 30.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 14.492 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

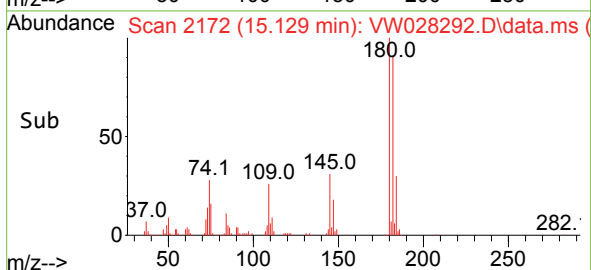
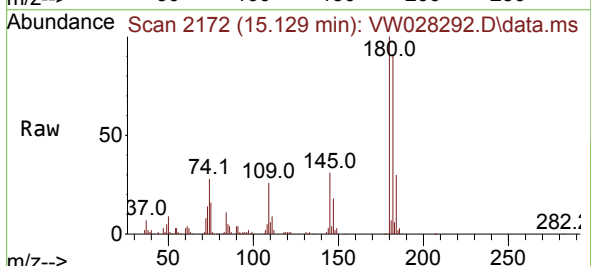
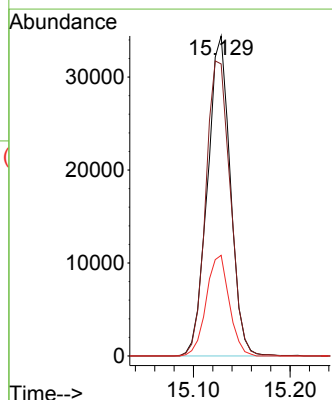
Tgt Ion:180 Resp: 56695

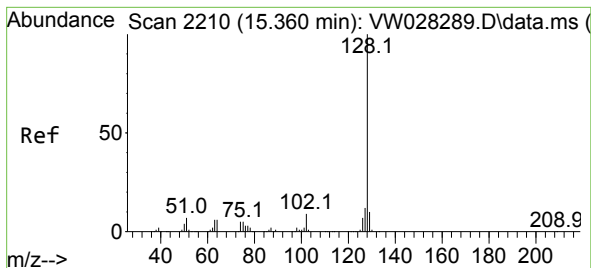
Ion Ratio Lower Upper

180 100

182 98.3 73.8 110.8

145 31.6 25.0 37.6





#71

Naphthalene

Concen: 21.529 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Instrument :

MSVOA_W

ClientSampleId :

E07D6MS

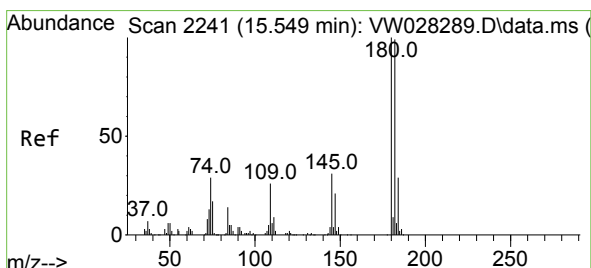
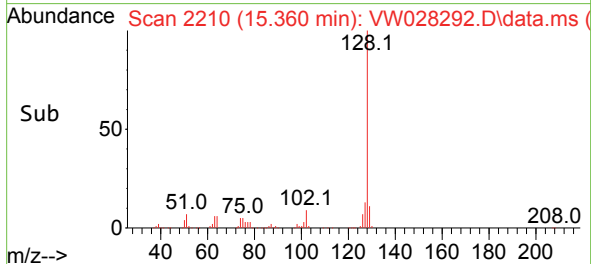
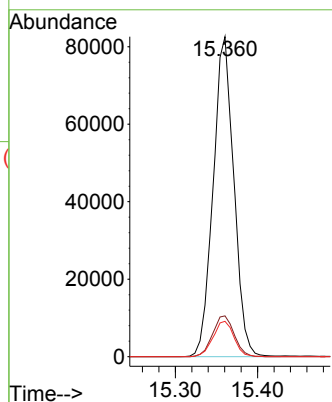
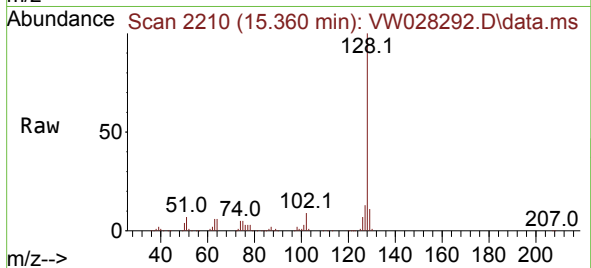
Tgt Ion:128 Resp: 144563

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 14.296 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028292.D

Acq: 03 Apr 2024 14:46

Tgt Ion:180 Resp: 46107

Ion Ratio Lower Upper

180 100

182 92.6 76.0 114.0

145 33.7 27.1 40.7

