

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027248.D
 Acq On : 05 Oct 2023 20:06
 Operator : SY/MD
 Sample : 047747-12MSD
 Misc : 6.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 06 01:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	981038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	966339	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	494804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	306873	19.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
7) Chloroethane-d5	2.899	69	254241	20.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
11) 1,1-Dichloroethene-d2	4.027	65	118847	18.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.075	46	178268	55.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.900%
24) Chloroform-d	7.648	84	598114	20.832	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	8.307	65	302431	21.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.920%
32) Benzene-d6	8.276	84	1196004	20.195	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	9.276	67	386789	21.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	1073194	20.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.160%
43) trans-1,3-Dichloroprop...	10.575	79	150713	21.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	10.922	63	155743	57.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	349764	25.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	359471	21.668	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	213546	16.752	ug/L	# 86
3) Chloromethane	2.229	50	363956	21.152	ug/L	99
5) Vinyl chloride	2.375	62	387350	20.618	ug/L	97
6) Bromomethane	2.790	94	245578	19.841	ug/L	97
8) Chloroethane	2.930	64	240554	21.098	ug/L	97
9) Trichlorofluoromethane	3.265	101	273964	17.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	297487	18.726	ug/L	# 72
12) 1,1-Dichloroethene	4.045	96	289535	19.077	ug/L	88
13) Acetone	4.125	43	201792	51.249	ug/L	99
14) Carbon disulfide	4.393	76	900512	17.678	ug/L	100
15) Methyl Acetate	4.673	43	163532	24.779	ug/L	97
16) Methylene chloride	4.917	84	388445	20.227	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	314104	19.235	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	454555	22.243	ug/L	99
19) 1,1-Dichloroethane	6.216	63	617587	20.280	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	360597	20.715	ug/L	99
22) 2-Butanone	7.173	43	257859	52.951	ug/L	97
23) Bromochloromethane	7.520	128	162422	20.449	ug/L	97
25) Chloroform	7.679	83	613046	20.639	ug/L	98

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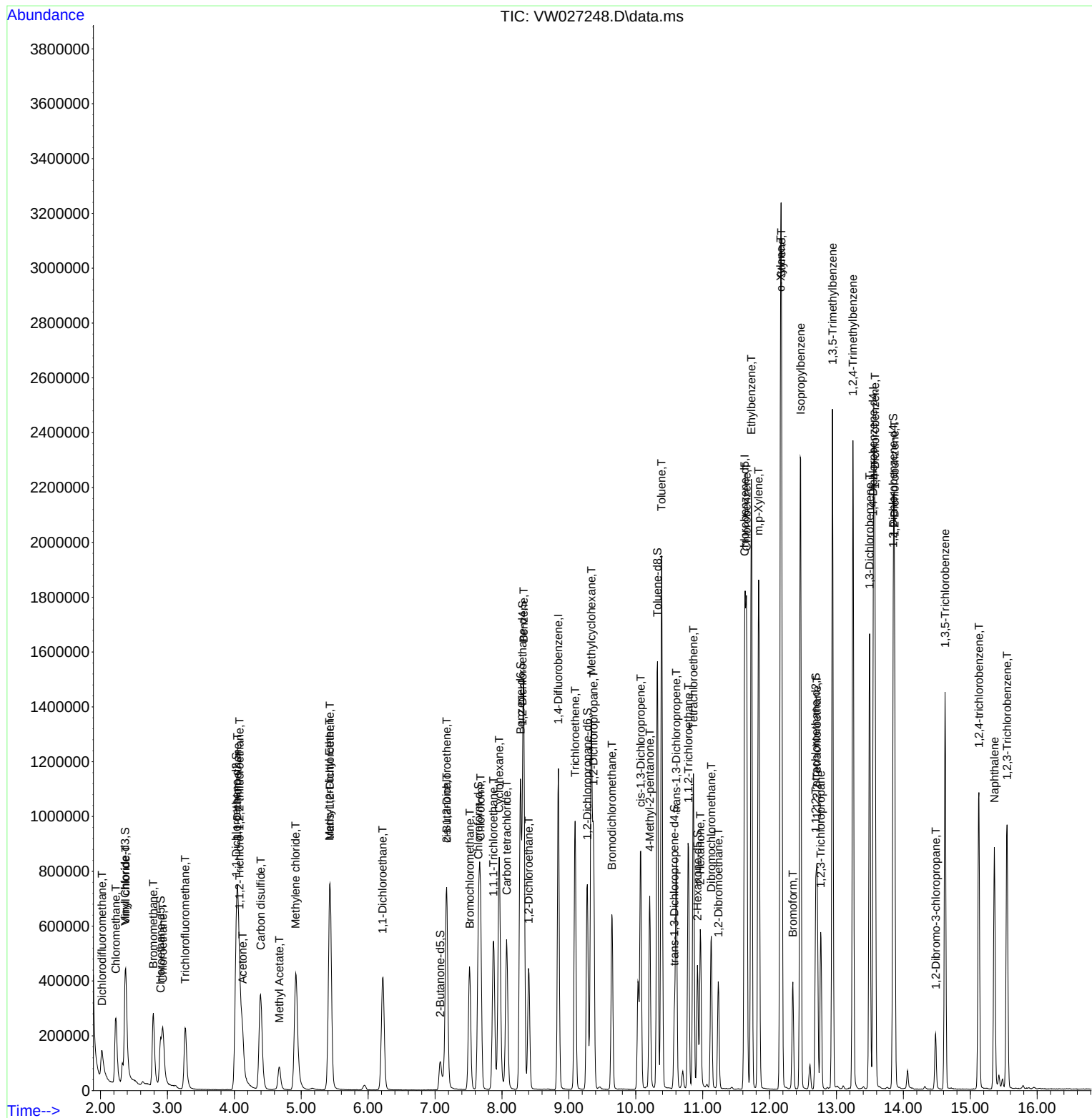
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	393055	21.602	ug/L	99
29) Cyclohexane	7.959	56	492565	19.159	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	452409	18.833	ug/L	98
31) Carbon tetrachloride	8.069	117	409684	18.056	ug/L	97
33) Benzene	8.325	78	1373084	20.104	ug/L	100
34) Trichloroethene	9.093	95	345467	19.369	ug/L	95
35) Methylcyclohexane	9.337	83	555257	18.509	ug/L	99
37) 1,2-Dichloropropane	9.368	63	371477	21.108	ug/L	100
38) Bromodichloromethane	9.642	83	441477	20.887	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	548111	21.138	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	457032	53.530	ug/L	98
42) Toluene	10.386	91	1446329	20.620	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	469053	22.071	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	291500	22.888	ug/L	97
46) Tetrachloroethene	10.861	164	259955	18.541	ug/L	93
48) 2-Hexanone	10.965	43	363030	54.238	ug/L	99
49) Dibromochloromethane	11.130	129	294410	21.315	ug/L	99
50) 1,2-Dibromoethane	11.233	107	265712	22.484	ug/L	93
51) Chlorobenzene	11.654	112	909407	19.538	ug/L	98
52) Ethylbenzene	11.727	91	1592514	20.210	ug/L	99
53) m,p-Xylene	11.837	106	599108	19.829	ug/L	99
54) o-Xylene	12.166	106	580161	20.555	ug/L	97
55) Styrene	12.178	104	1037835	21.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	367048	24.028	ug/L	99
59) Bromoform	12.349	173	175229	22.426	ug/L	95
60) Isopropylbenzene	12.465	105	1533694	21.049	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	254002	25.074	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1250945	21.898	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1230819	21.986	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	706940	21.022	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	699735	20.711	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	617824	20.961	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	55171	25.425	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	426358	19.689	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	351973	20.602	ug/L	99
71) Naphthalene	15.360	128	724792	24.045	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	331860	21.883	ug/L	99

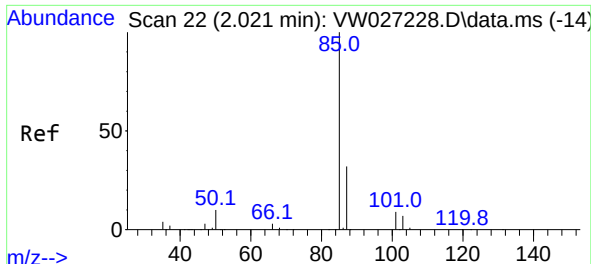
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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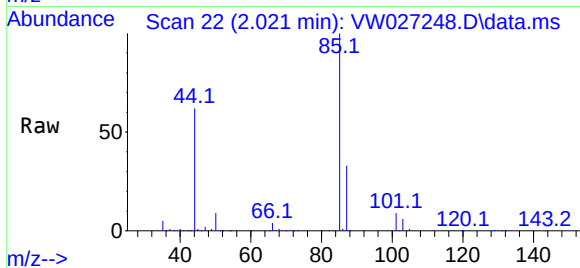
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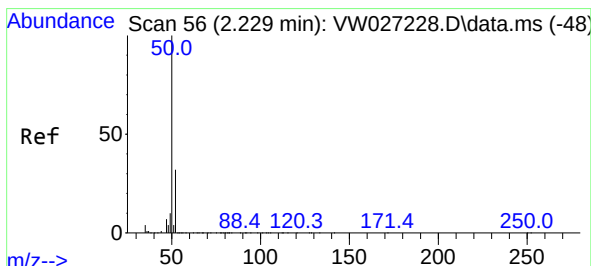
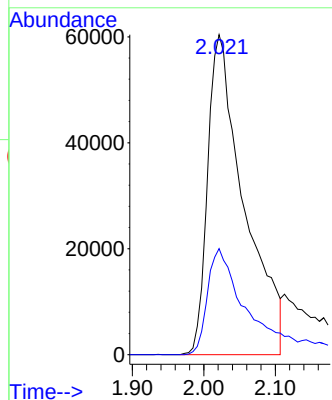
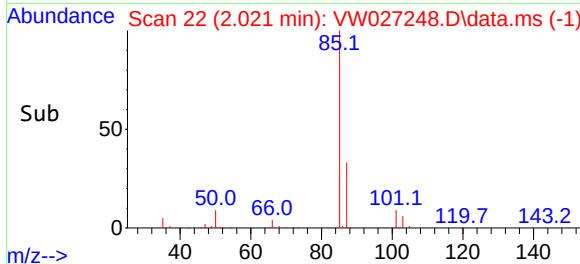


#2
Dichlorodifluoromethane
Concen: 16.752 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

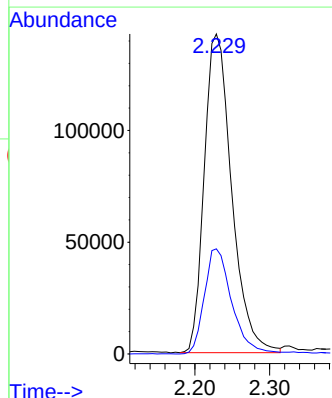
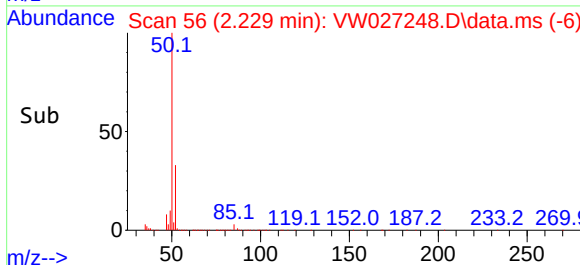
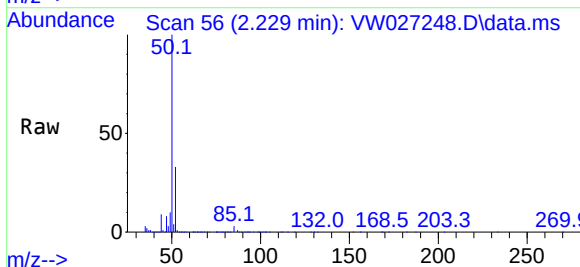


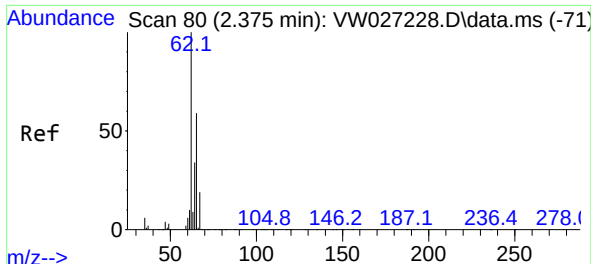
Tgt Ion: 85 Resp: 213546
Ion Ratio Lower Upper
85 100
87 35.1 22.1 33.1#



#3
Chloromethane
Concen: 21.152 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

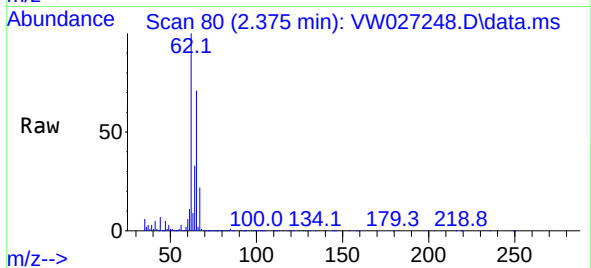
Tgt Ion: 50 Resp: 363956
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7



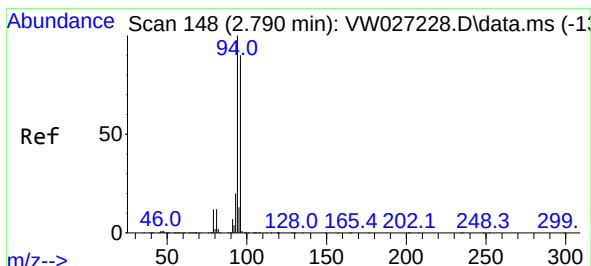
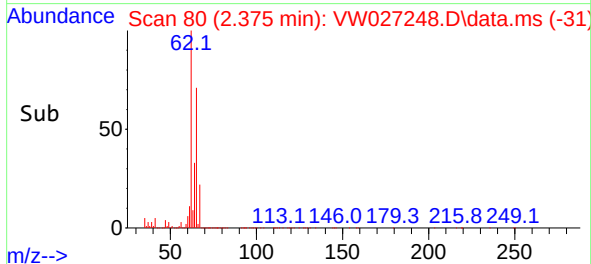
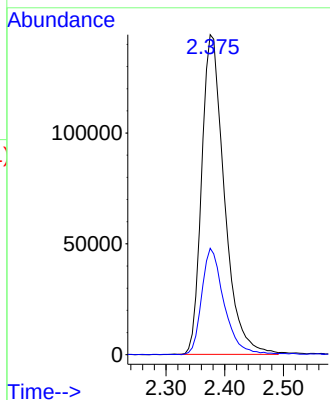


#5
 Vinyl chloride
 Concen: 20.618 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027248.D
 Acq: 05 Oct 2023 20:06

Instrument :
 MSVOA_W
 ClientSampleId :

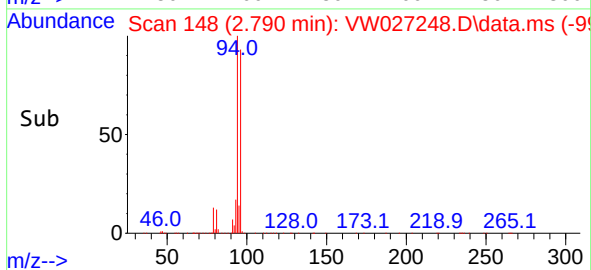
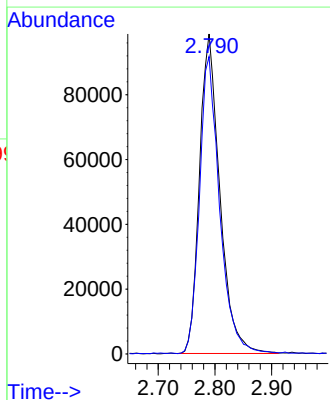
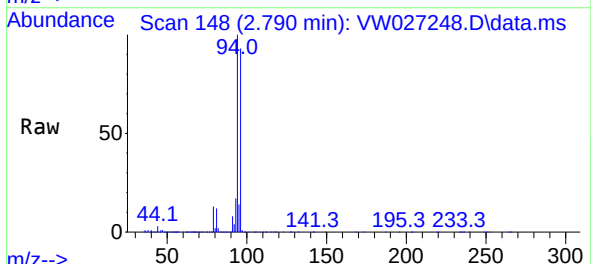


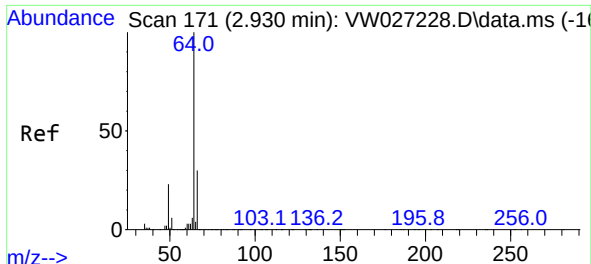
Tgt Ion: 62 Resp: 387350
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.2 41.2



#6
 Bromomethane
 Concen: 19.841 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027248.D
 Acq: 05 Oct 2023 20:06

Tgt Ion: 94 Resp: 245578
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.8 124.0

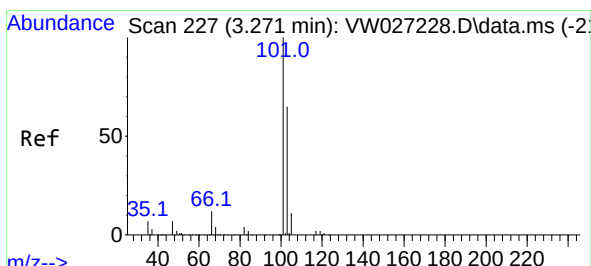
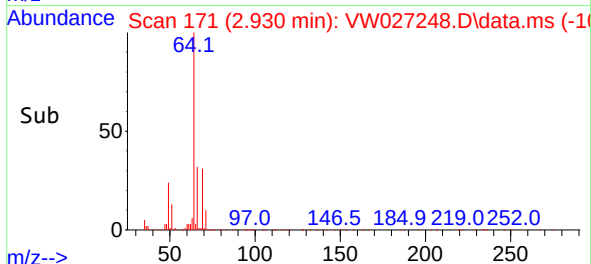
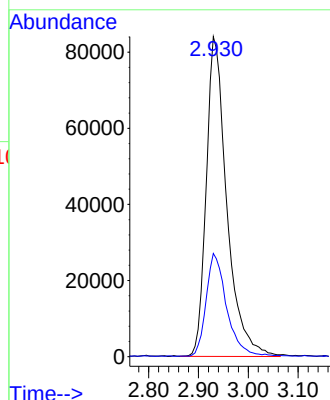
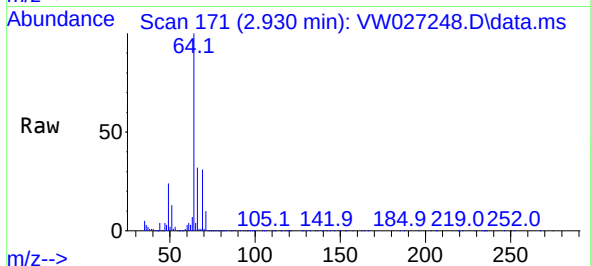




#8
Chloroethane
Concen: 21.098 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

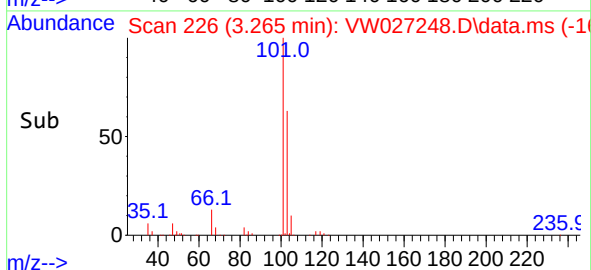
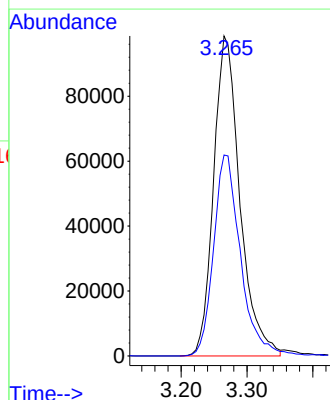
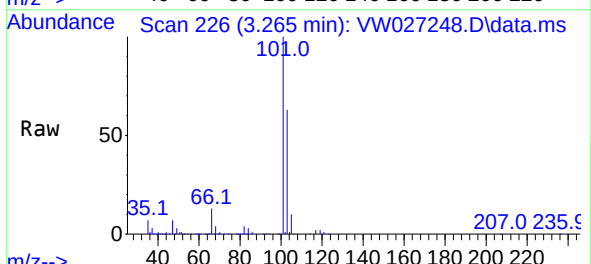
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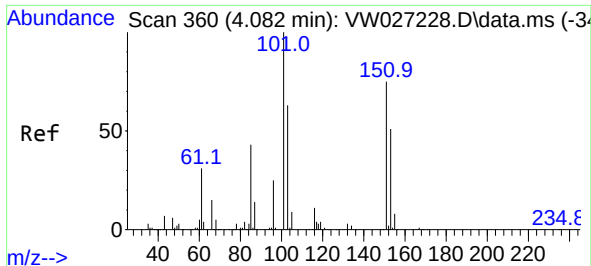
Tgt Ion: 64 Resp: 240554
Ion Ratio Lower Upper
64 100
66 32.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 17.351 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:101 Resp: 273964
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

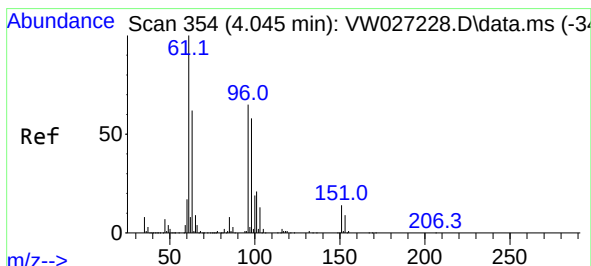
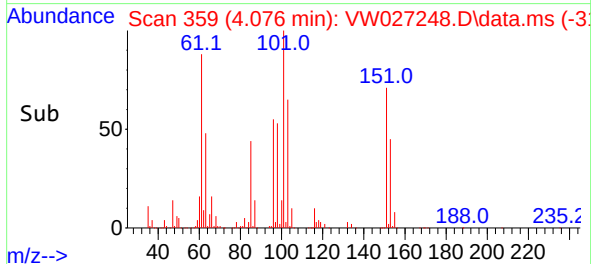
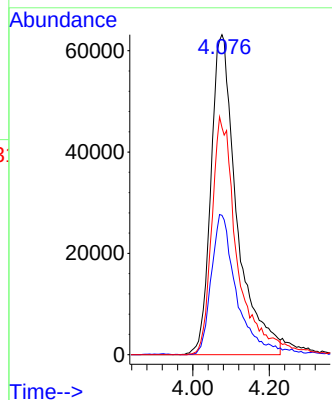
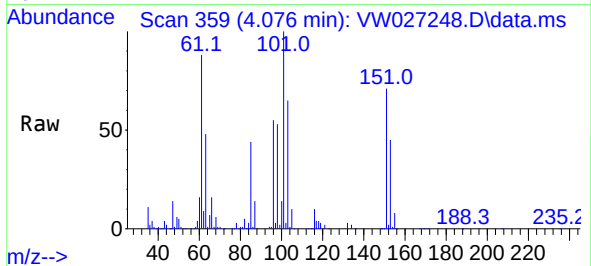




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.726 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW027248.D
 Acq: 05 Oct 2023 20:06

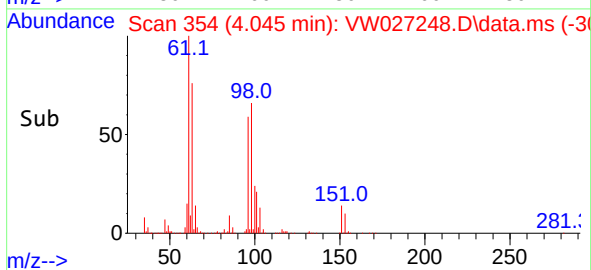
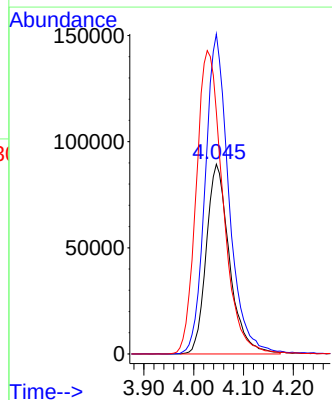
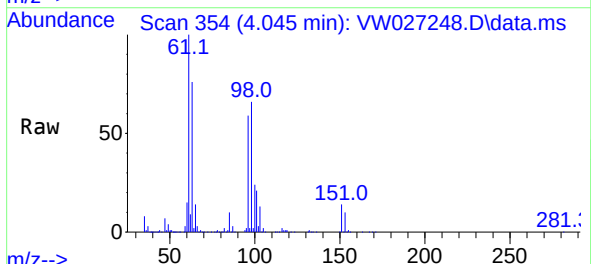
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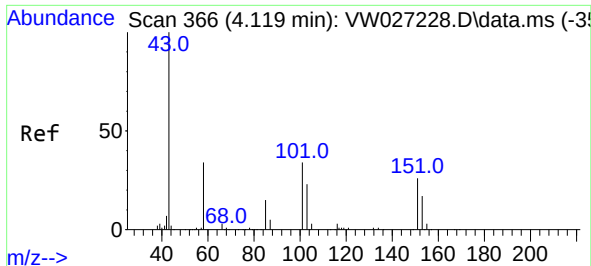
Tgt Ion:101 Resp: 297487
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.1 49.7
 151 36.3 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 19.077 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027248.D
 Acq: 05 Oct 2023 20:06

Tgt Ion: 96 Resp: 289535
 Ion Ratio Lower Upper
 96 100
 61 168.6 109.8 204.0
 63 127.5 76.9 142.7

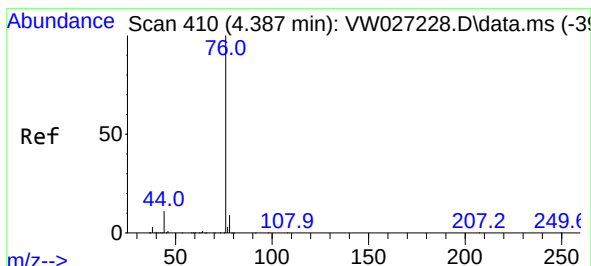
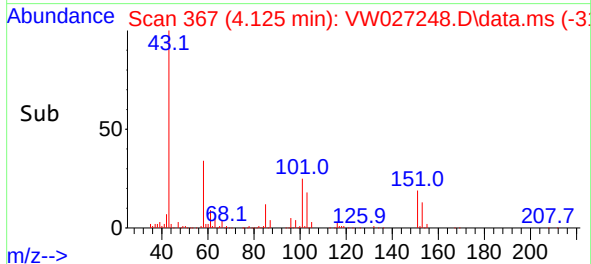
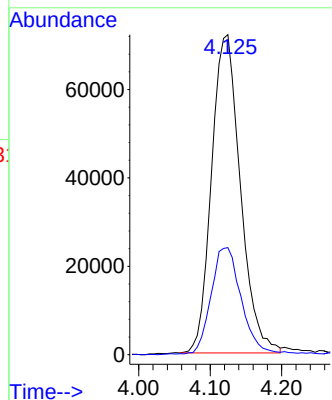
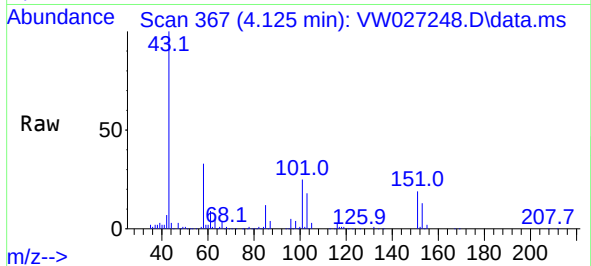




#13
Acetone
Concen: 51.249 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

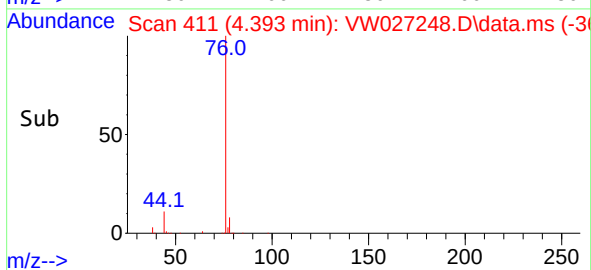
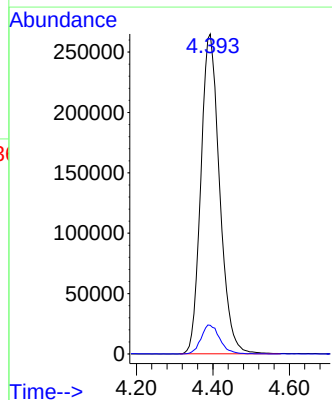
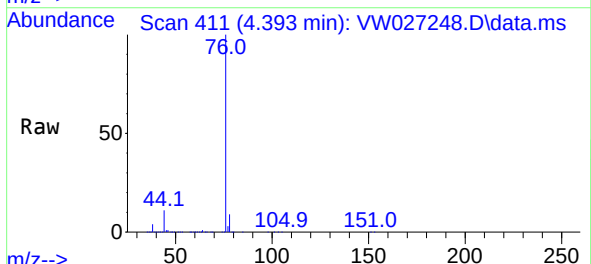
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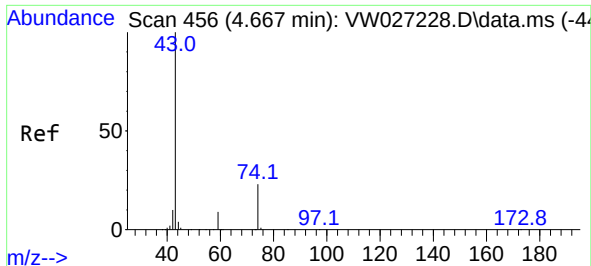
Tgt Ion: 43 Resp: 201792
Ion Ratio Lower Upper
43 100
58 34.6 0.0 70.4



#14
Carbon disulfide
Concen: 17.678 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 900512
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

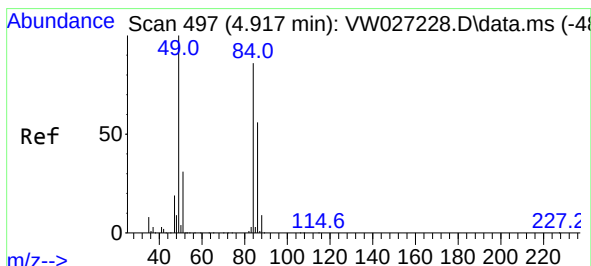
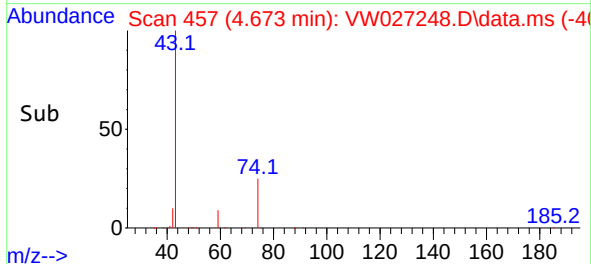
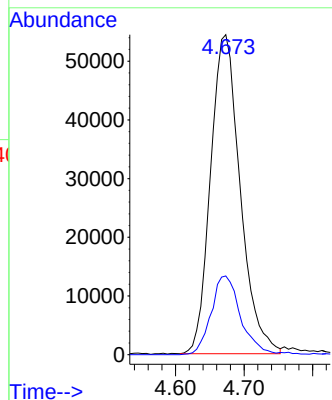
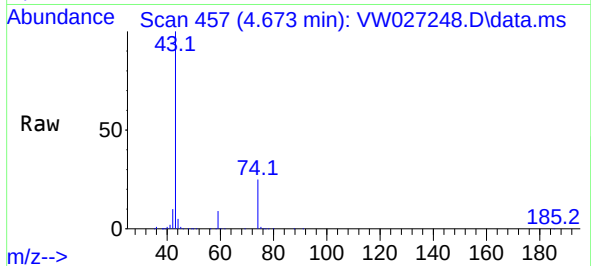




#15
Methyl Acetate
Concen: 24.779 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

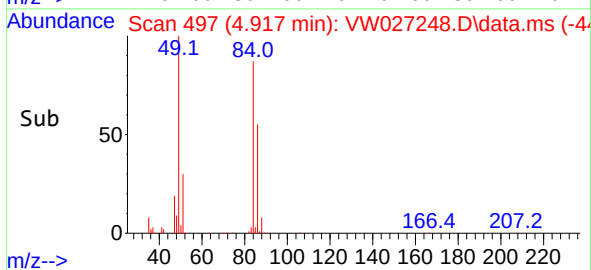
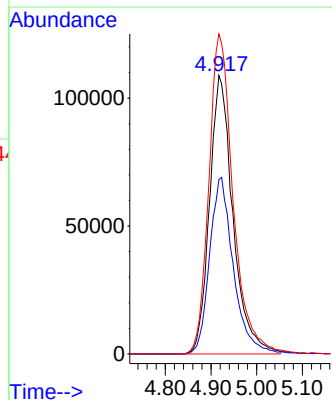
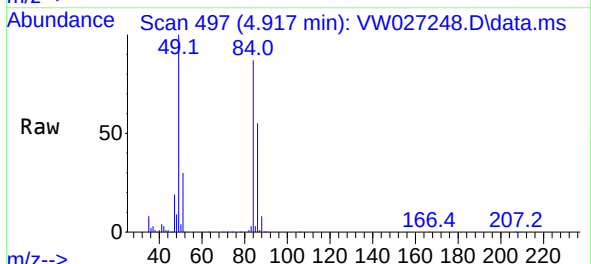
Instrument :
MSVOA_W
ClientSampleId :

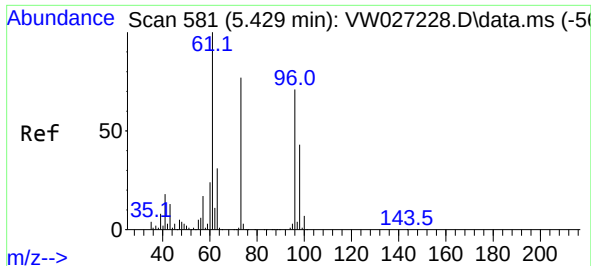
Tgt Ion: 43 Resp: 163532
Ion Ratio Lower Upper
43 100
74 24.4 20.8 31.2



#16
Methylene chloride
Concen: 20.227 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 84 Resp: 388445
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.9
49 115.0 80.9 150.3

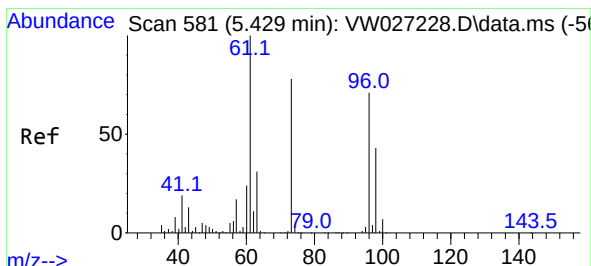
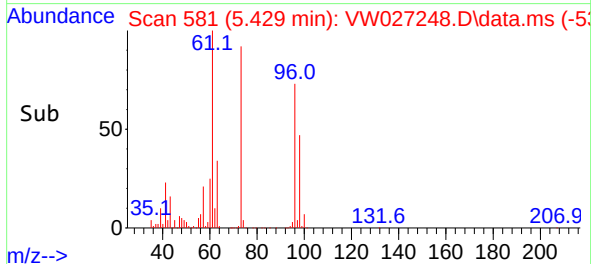
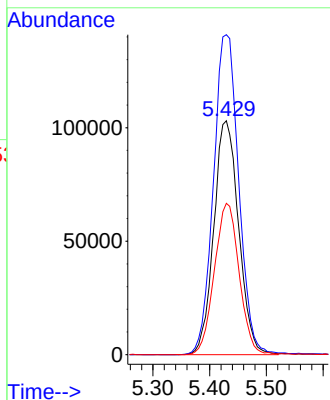
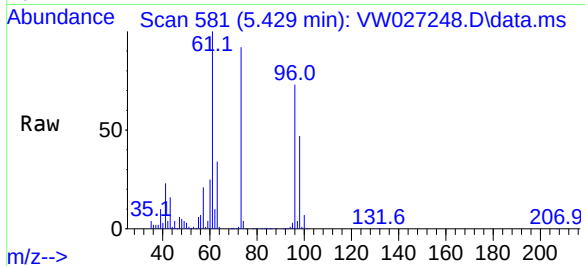




#17
trans-1,2-Dichloroethene
Concen: 19.235 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

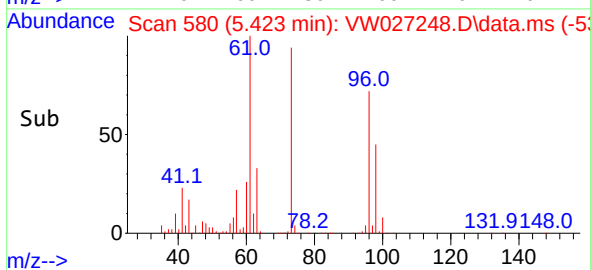
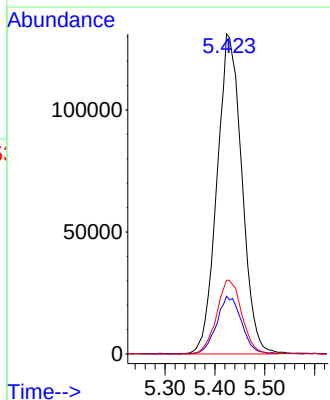
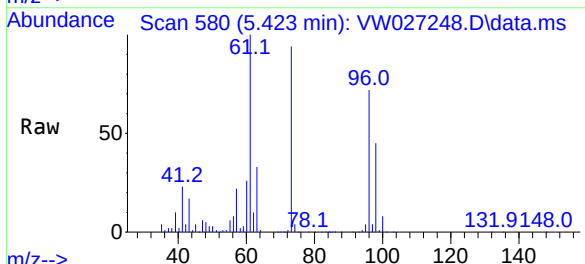
Instrument :
MSVOA_W
ClientSampleId :

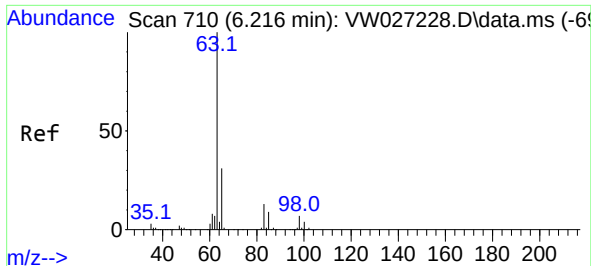
Tgt Ion: 96 Resp: 314104
Ion Ratio Lower Upper
96 100
61 136.8 93.5 173.7
98 64.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 22.243 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 73 Resp: 454555
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.2
57 23.4 18.3 27.5

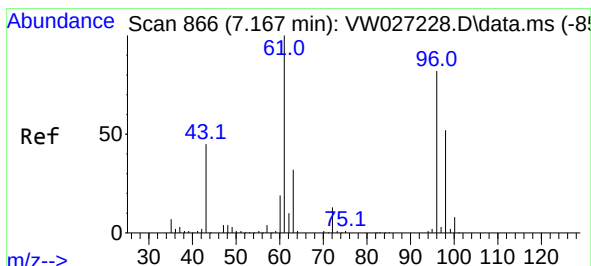
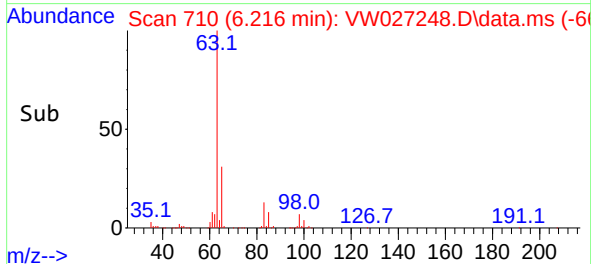
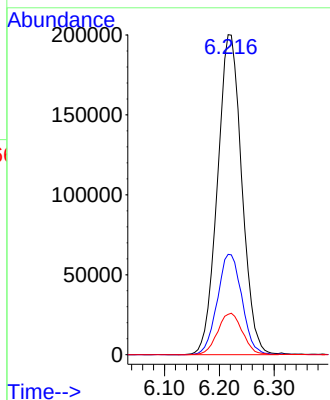
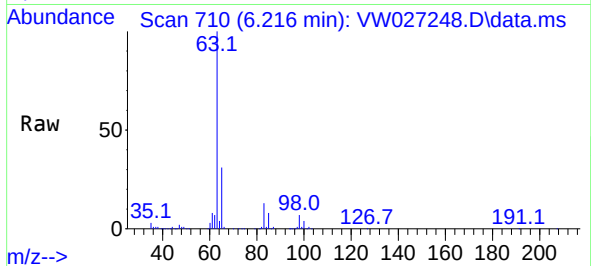




#19
1,1-Dichloroethane
Concen: 20.280 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

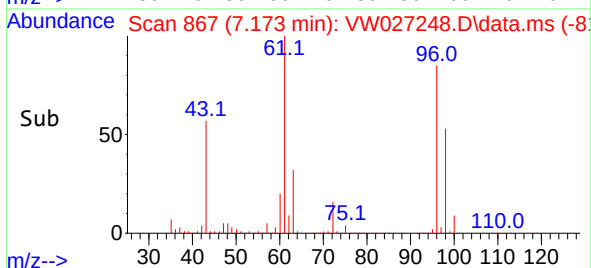
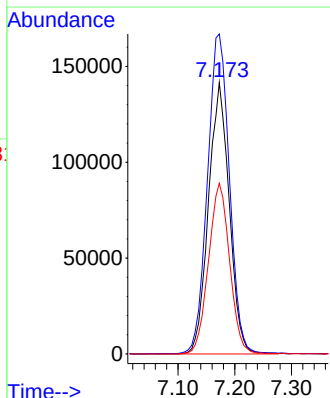
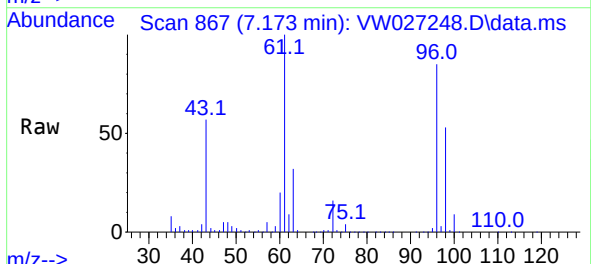
Instrument :
MSVOA_W
ClientSampleId :

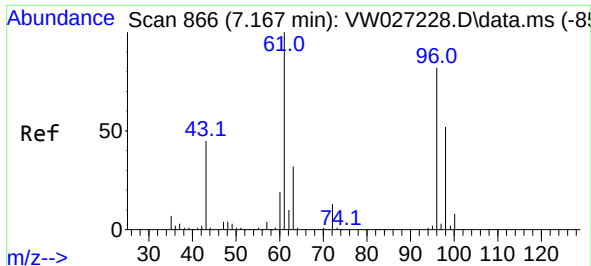
Tgt Ion: 63 Resp: 617587
Ion Ratio Lower Upper
63 100
65 31.3 22.5 41.9
83 12.6 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 20.715 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 96 Resp: 360597
Ion Ratio Lower Upper
96 100
61 117.8 82.7 153.5
98 62.9 43.0 80.0

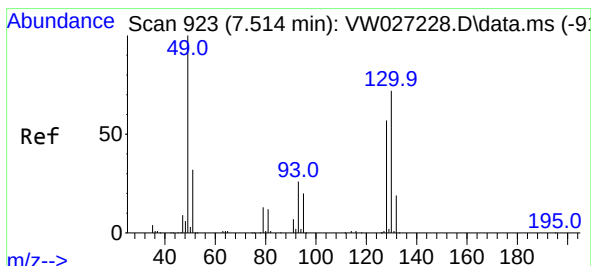
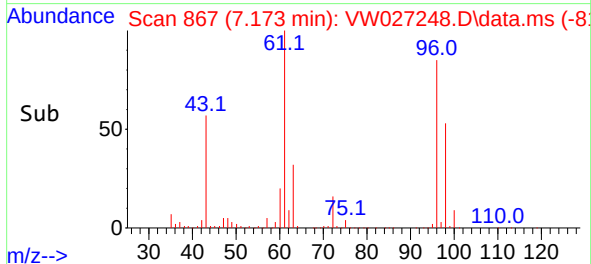
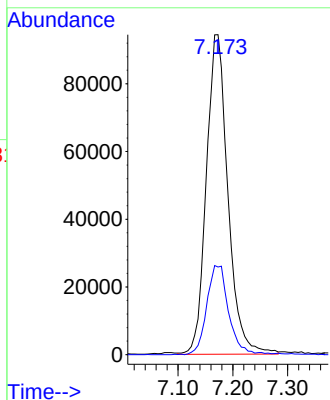
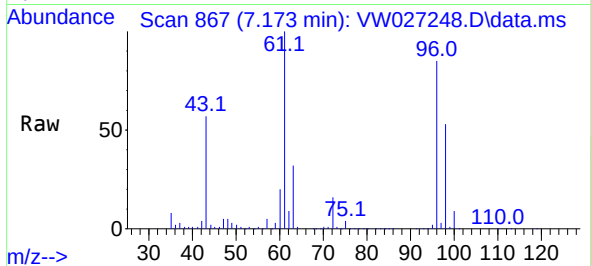




#22
2-Butanone
Concen: 52.951 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

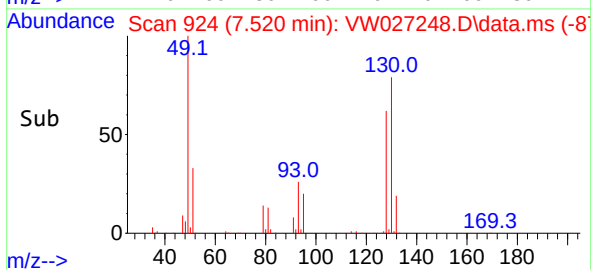
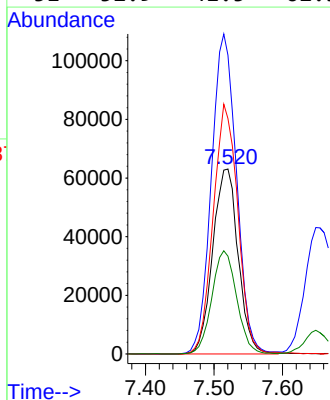
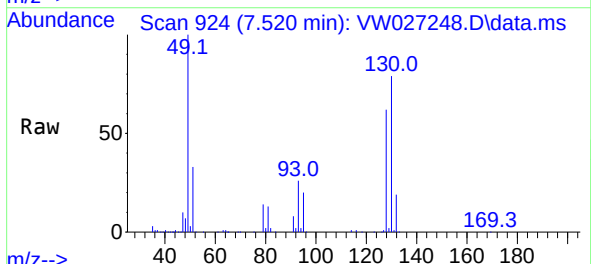
Instrument :
MSVOA_W
ClientSampleId :

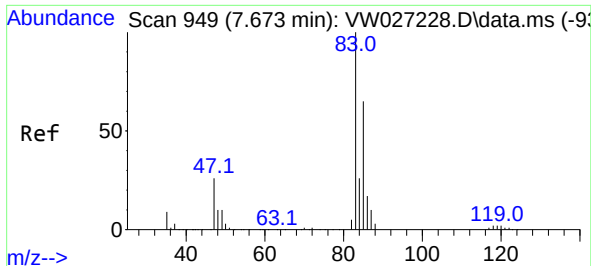
Tgt Ion: 43 Resp: 257859
Ion Ratio Lower Upper
43 100
72 27.9 14.6 44.0



#23
Bromochloromethane
Concen: 20.449 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:128 Resp: 162422
Ion Ratio Lower Upper
128 100
49 161.5 112.1 208.1
130 127.2 83.9 155.7
51 52.9 41.5 62.3

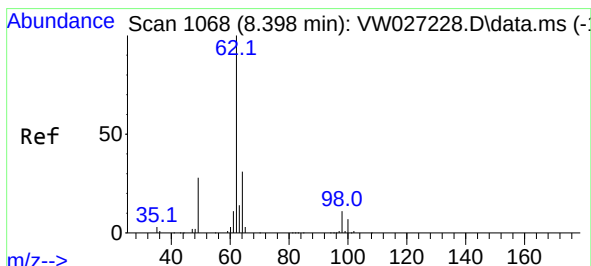
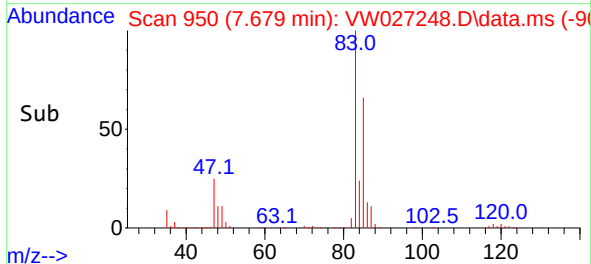
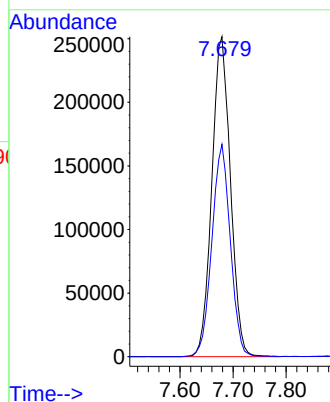
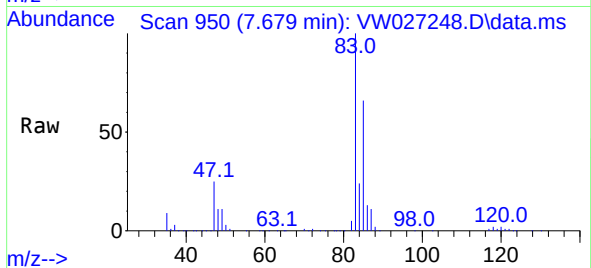




#25
Chloroform
Concen: 20.639 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

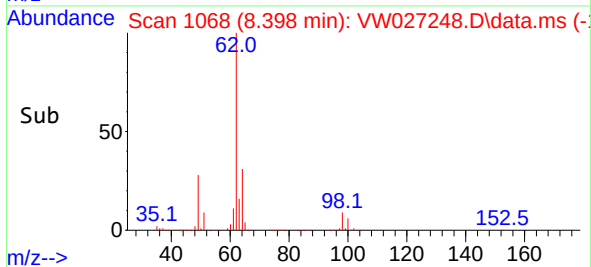
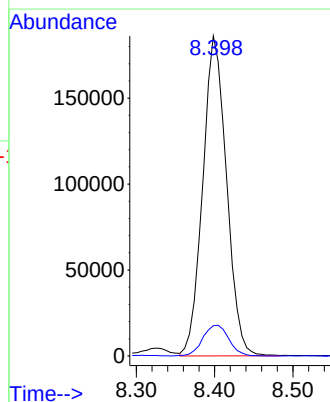
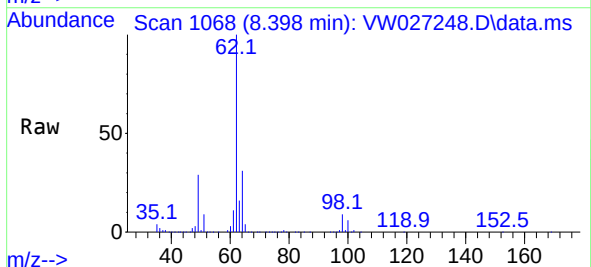
Instrument :
MSVOA_W
ClientSampleId :

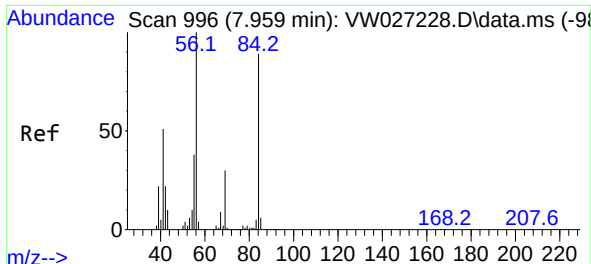
Tgt Ion: 83 Resp: 613046
Ion Ratio Lower Upper
83 100
85 66.3 47.7 88.5



#27
1,2-Dichloroethane
Concen: 21.602 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 62 Resp: 393055
Ion Ratio Lower Upper
62 100
98 9.4 7.9 11.9





#29

Cyclohexane

Concen: 19.159 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

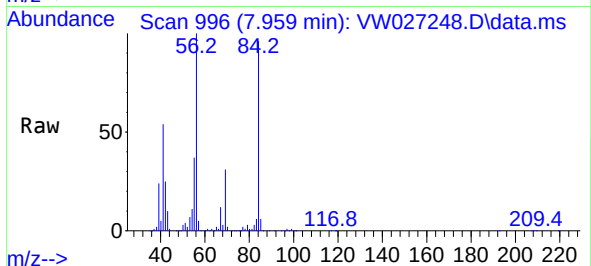
Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

ClientSampleId :



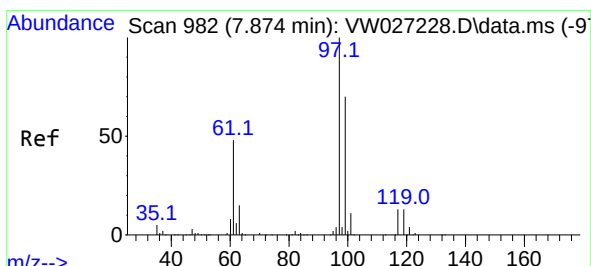
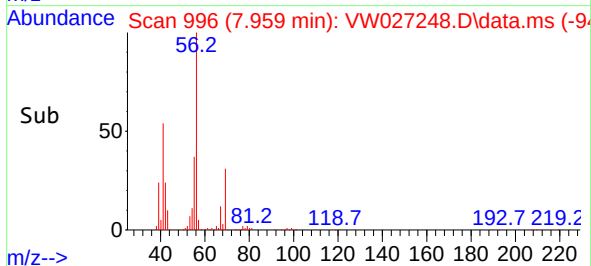
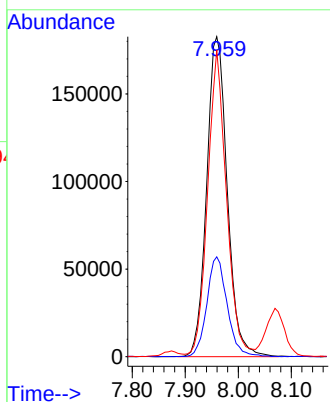
Tgt Ion: 56 Resp: 492565

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.4

84 87.9 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 18.833 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

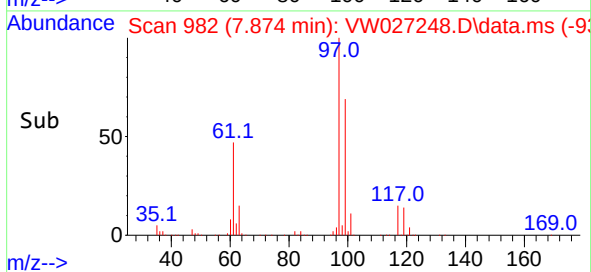
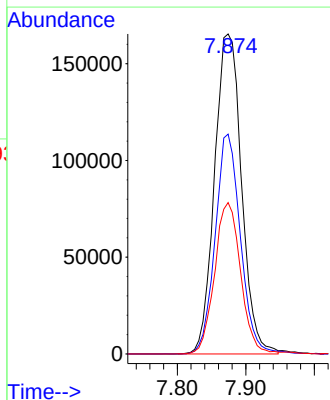
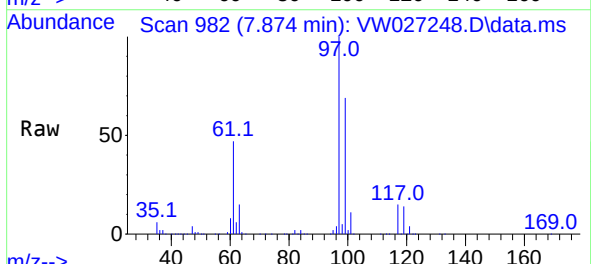
Tgt Ion: 97 Resp: 452409

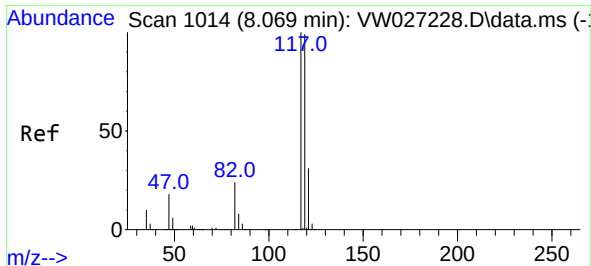
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 45.5 34.6 52.0

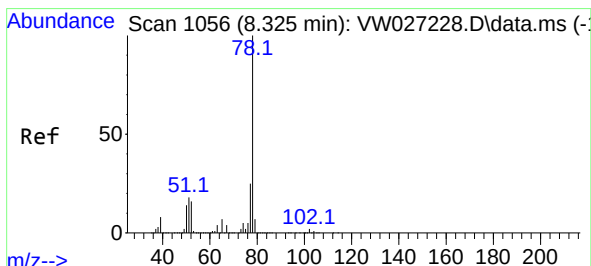
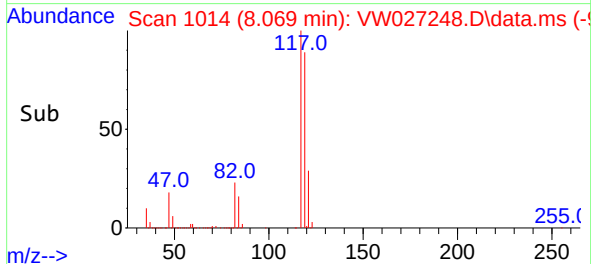
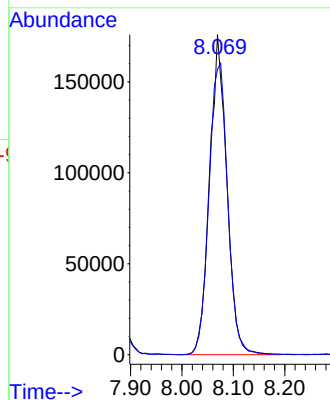
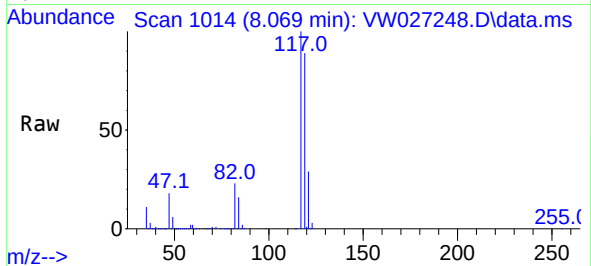




#31
Carbon tetrachloride
Concen: 18.056 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

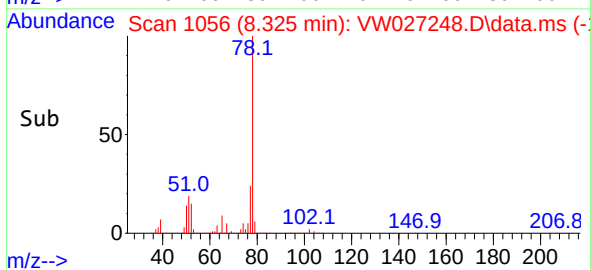
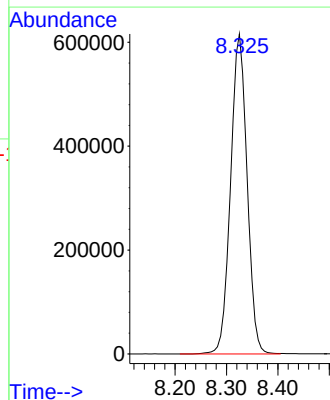
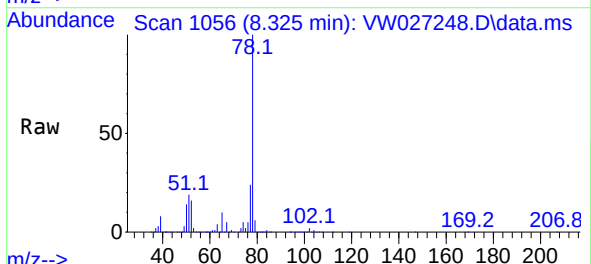
Instrument :
MSVOA_W
ClientSampleId :

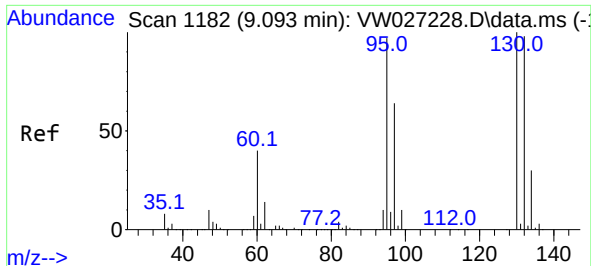
Tgt Ion:117 Resp: 409684
Ion Ratio Lower Upper
117 100
119 99.6 77.0 115.6



#33
Benzene
Concen: 20.104 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

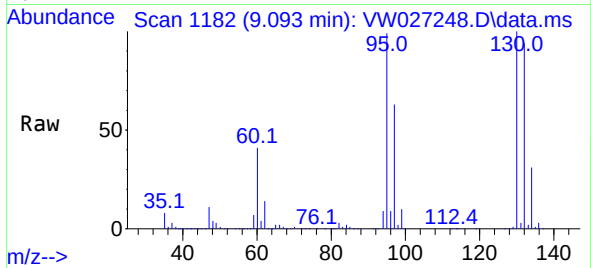
Tgt Ion: 78 Resp: 1373084



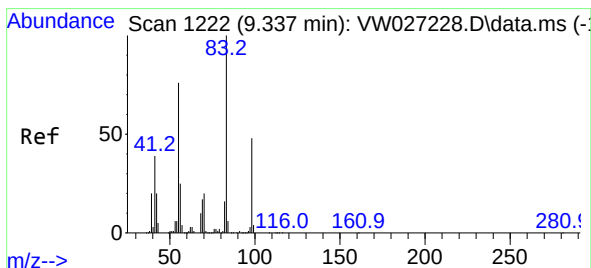
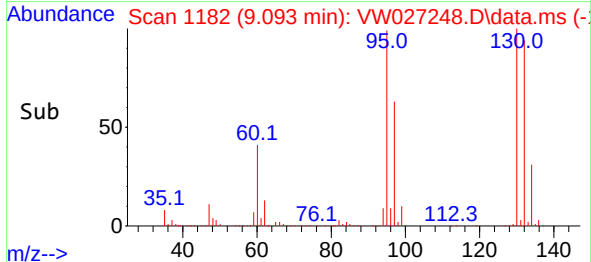
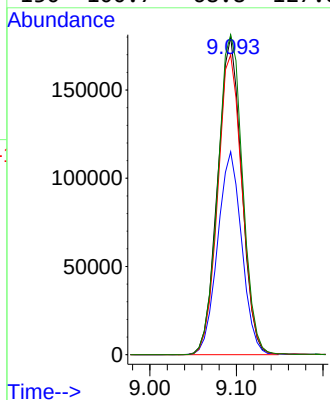


#34
Trichloroethene
Concen: 19.369 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

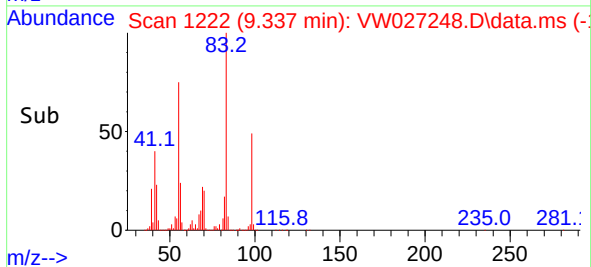
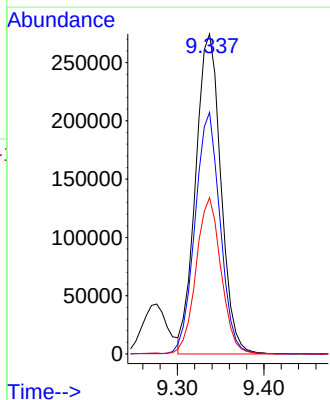
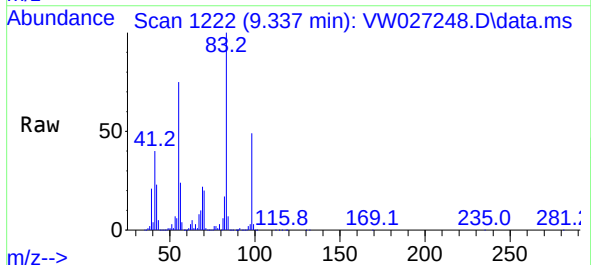


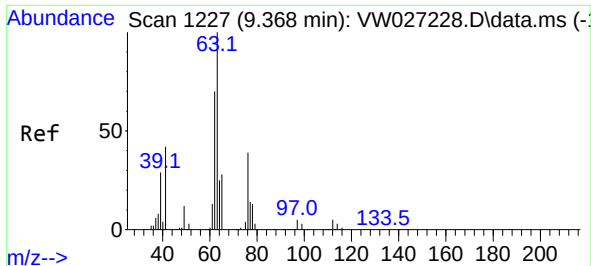
Tgt Ion: 95 Resp: 345467
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.7
132 94.4 71.5 132.9
130 100.7 68.8 127.8



#35
Methylcyclohexane
Concen: 18.509 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 83 Resp: 555257
Ion Ratio Lower Upper
83 100
55 75.1 59.1 88.7
98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 21.108 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

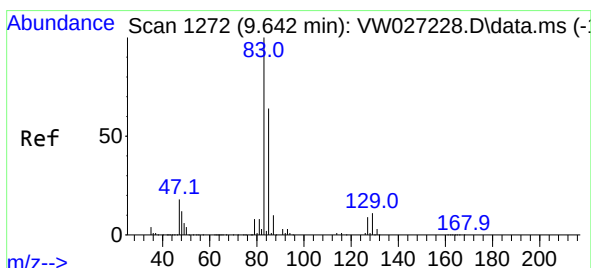
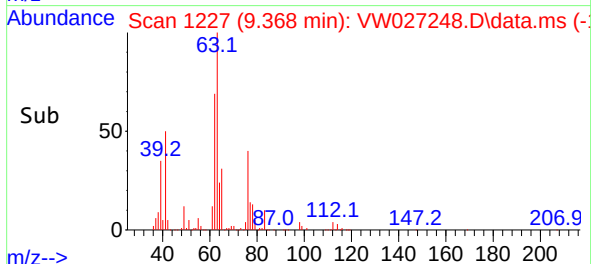
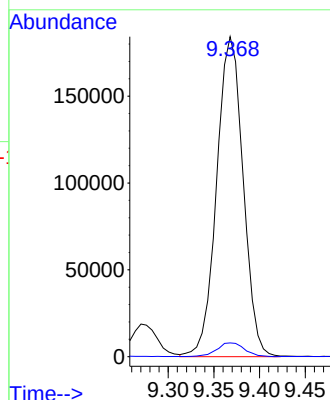
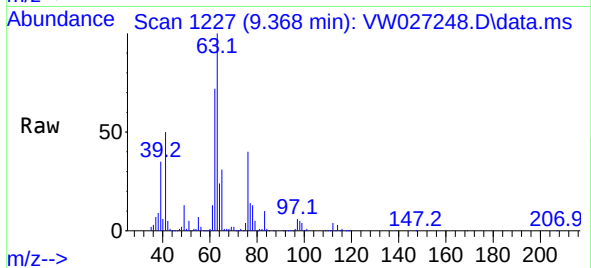
ClientSampleId :

Tgt Ion: 63 Resp: 371477

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 20.887 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

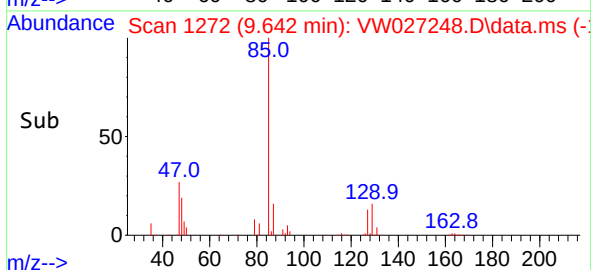
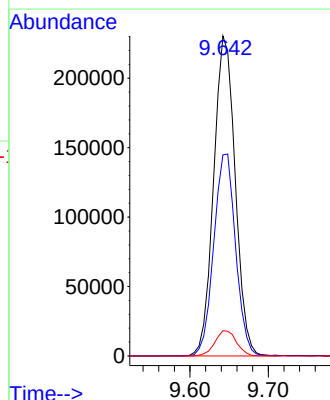
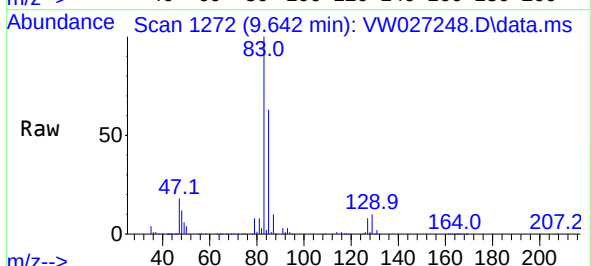
Tgt Ion: 83 Resp: 441477

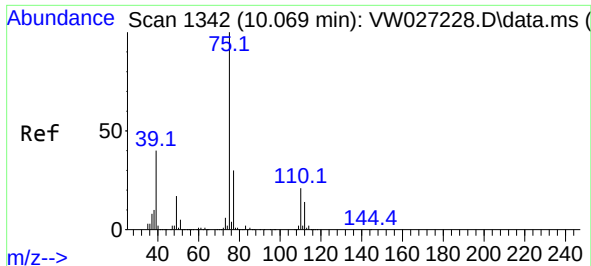
Ion Ratio Lower Upper

83 100

85 62.8 44.7 82.9

127 7.9 7.0 10.6

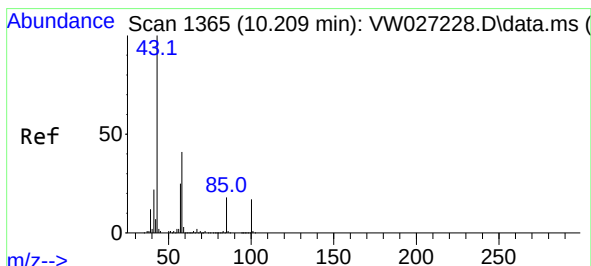
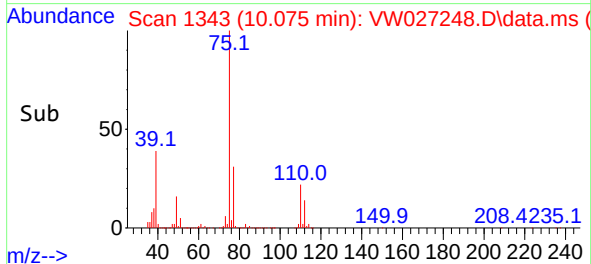
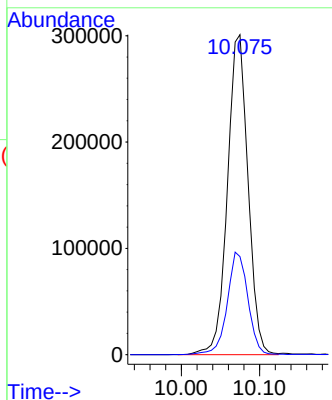
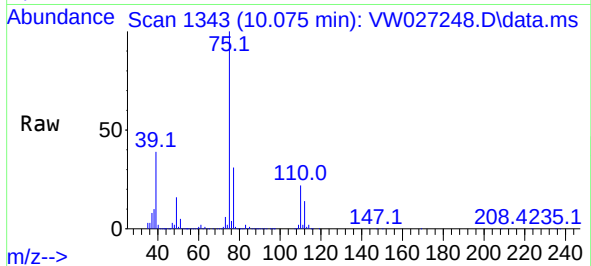




#39
cis-1,3-Dichloropropene
Concen: 21.138 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

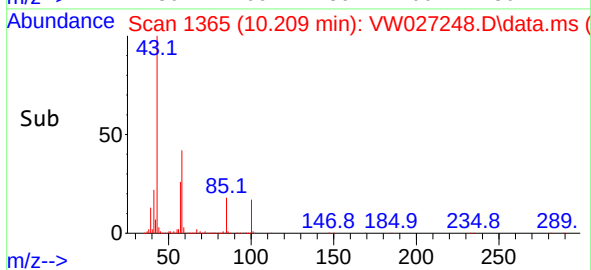
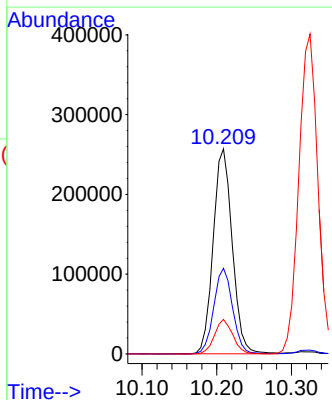
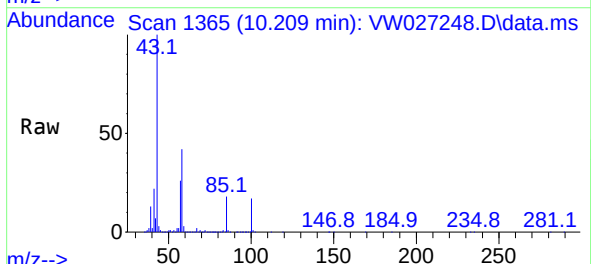
Instrument :
MSVOA_W
ClientSampleId :

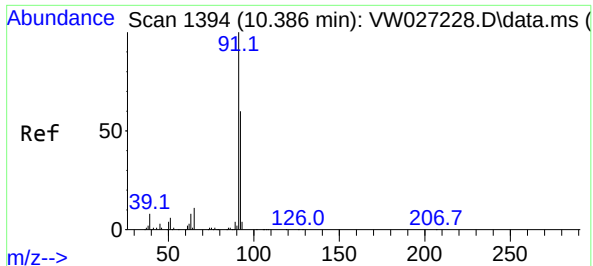
Tgt Ion: 75 Resp: 548111
Ion Ratio Lower Upper
75 100
77 30.6 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 53.530 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 43 Resp: 457032
Ion Ratio Lower Upper
43 100
58 41.2 33.8 50.6
100 16.1 13.7 20.5

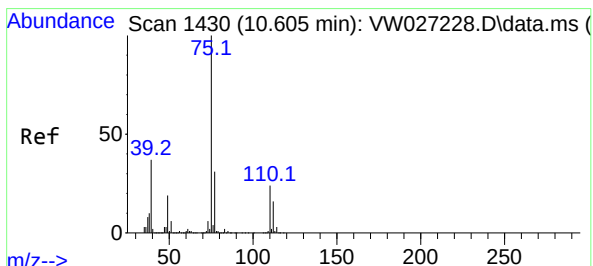
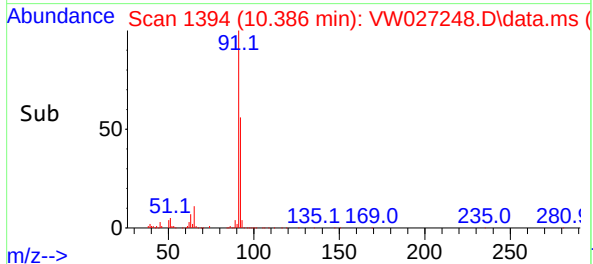
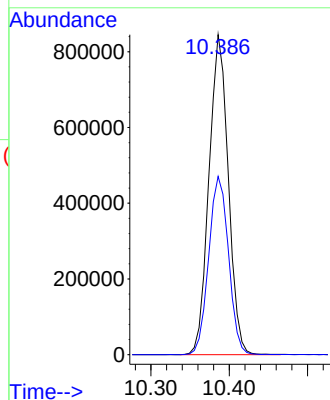
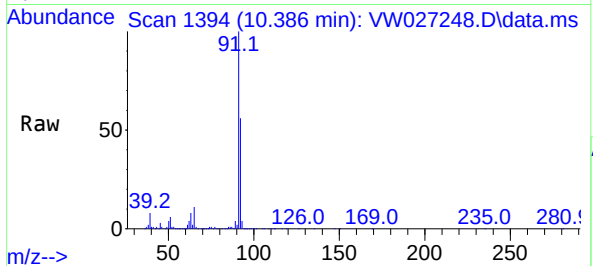




#42
Toluene
Concen: 20.620 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

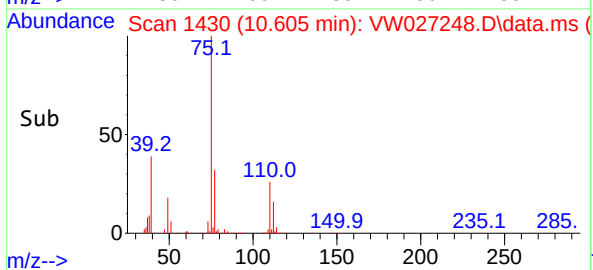
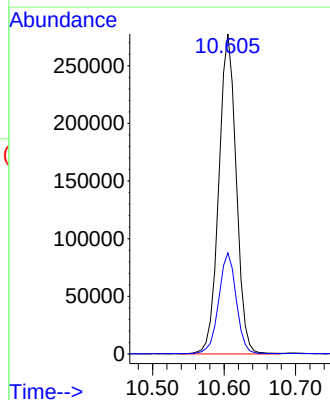
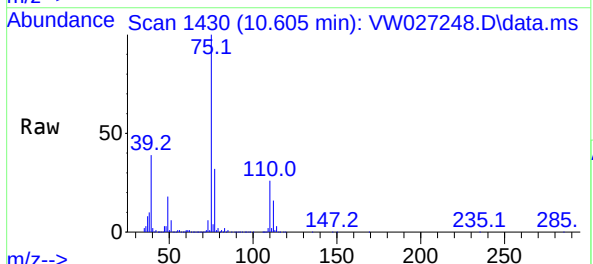
Instrument :
MSVOA_W
ClientSampleId :

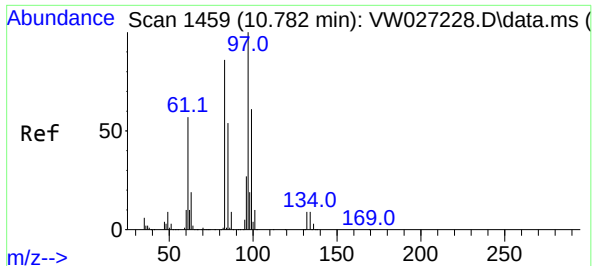
Tgt Ion: 91 Resp: 1446329
Ion Ratio Lower Upper
91 100
92 55.7 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 22.071 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 75 Resp: 469053
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 22.888 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 291500

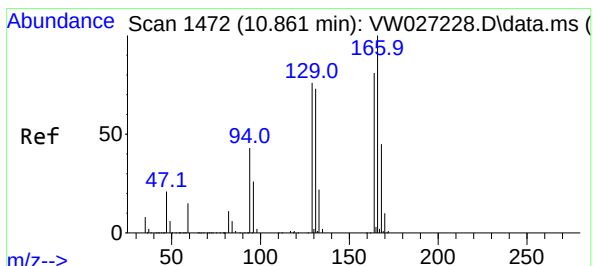
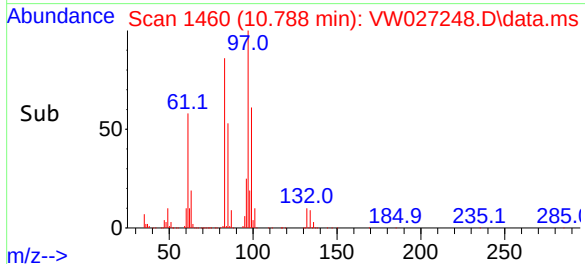
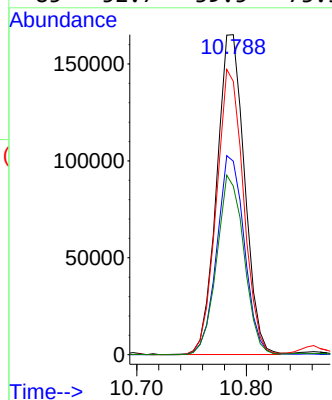
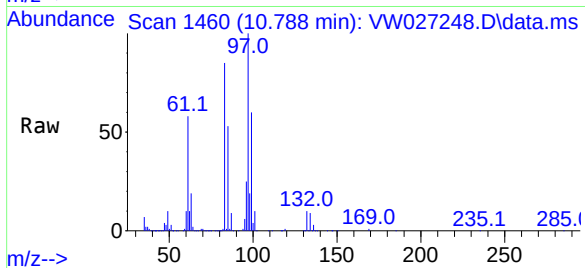
Ion Ratio Lower Upper

97 100

99 60.4 45.3 84.1

83 85.4 59.5 110.5

85 52.7 39.5 73.3



#46

Tetrachloroethene

Concen: 18.541 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Tgt Ion:164 Resp: 259955

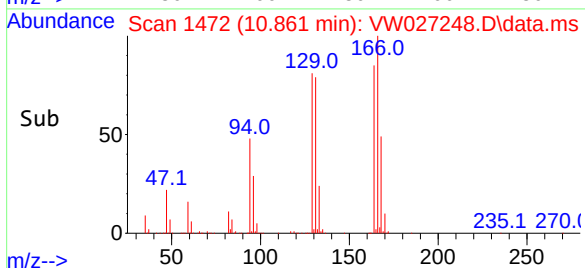
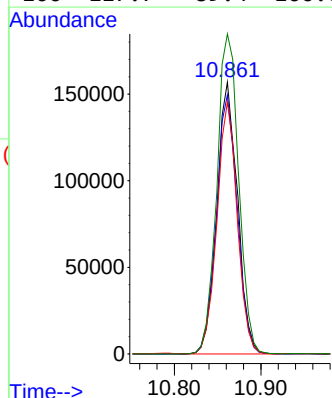
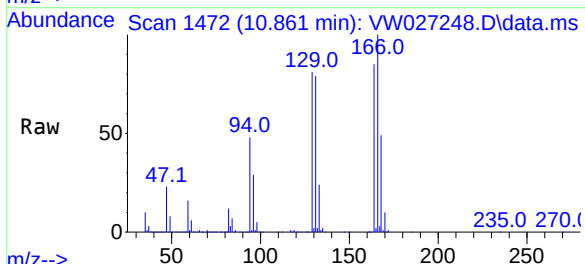
Ion Ratio Lower Upper

164 100

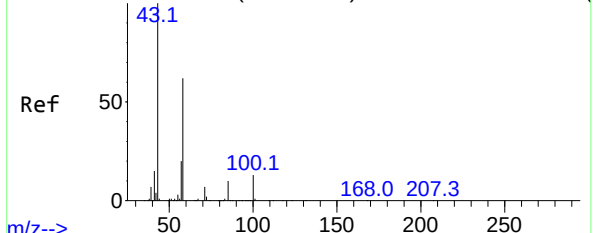
129 95.3 60.3 112.1

131 92.7 66.1 122.7

166 117.7 89.4 166.0



Abundance Scan 1489 (10.965 min): VW027228.D\data.ms (



#48

2-Hexanone

Concen: 54.238 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 363030

Ion Ratio Lower Upper

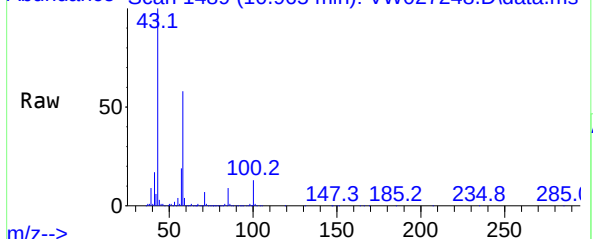
43 100

58 58.3 47.2 70.8

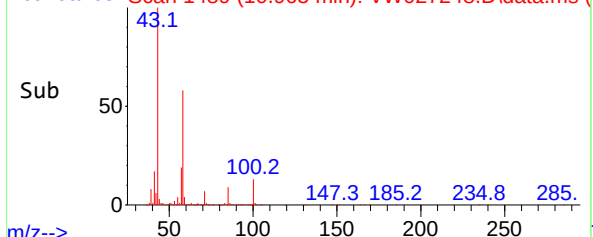
57 18.9 15.9 23.9

100 12.6 10.4 15.6

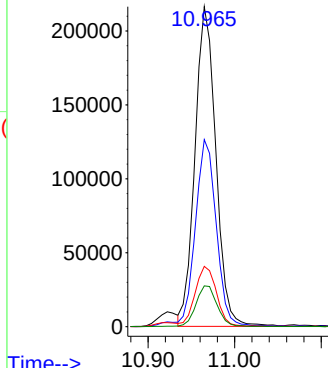
Abundance Scan 1489 (10.965 min): VW027248.D\data.ms



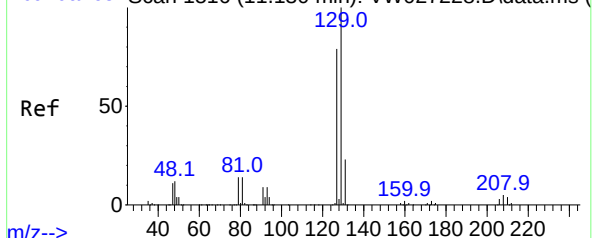
Abundance Scan 1489 (10.965 min): VW027248.D\data.ms (



Abundance



Abundance Scan 1516 (11.130 min): VW027228.D\data.ms (



#49

Dibromochloromethane

Concen: 21.315 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

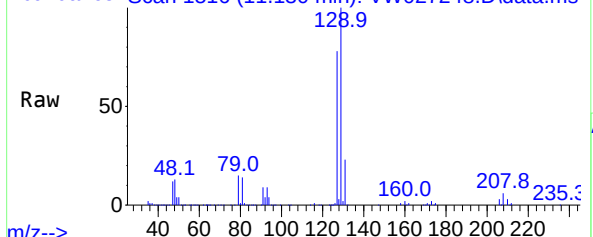
Tgt Ion:129 Resp: 294410

Ion Ratio Lower Upper

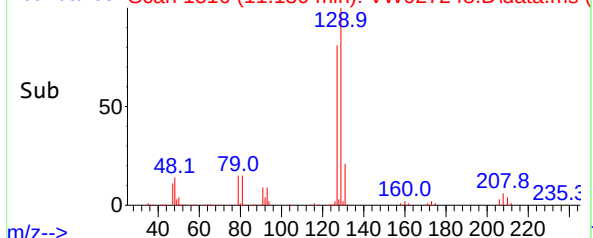
129 100

127 78.5 54.2 100.6

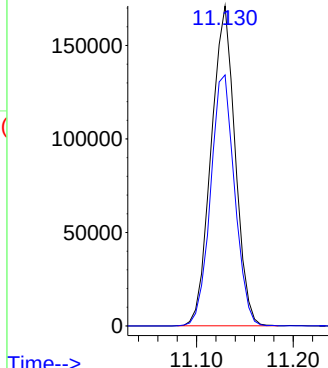
Abundance Scan 1516 (11.130 min): VW027248.D\data.ms

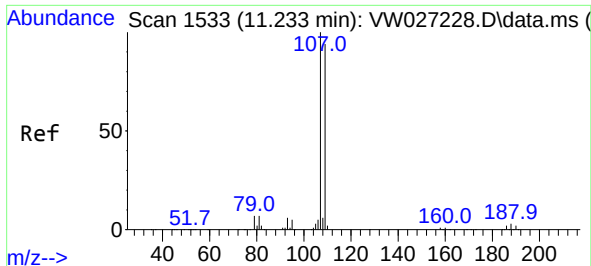


Abundance Scan 1516 (11.130 min): VW027248.D\data.ms (



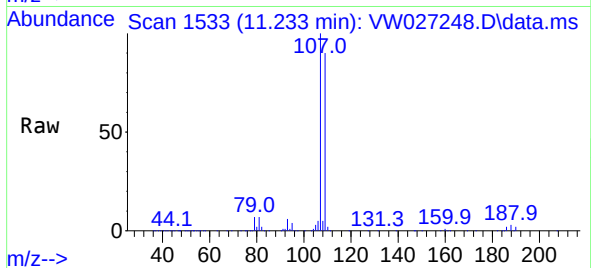
Abundance



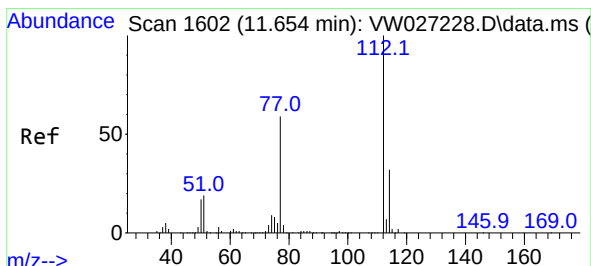
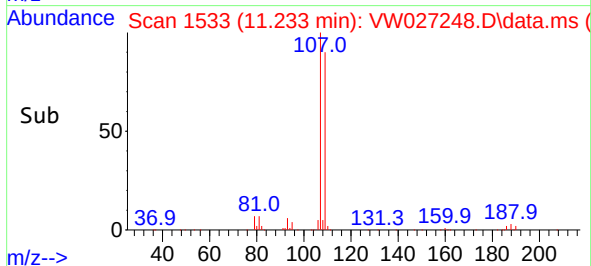
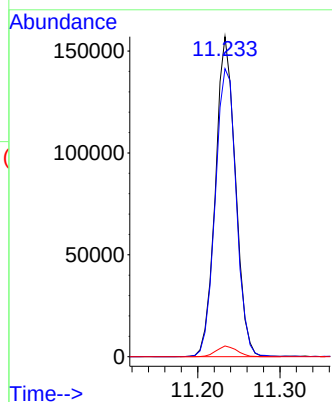


#50
1,2-Dibromoethane
Concen: 22.484 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

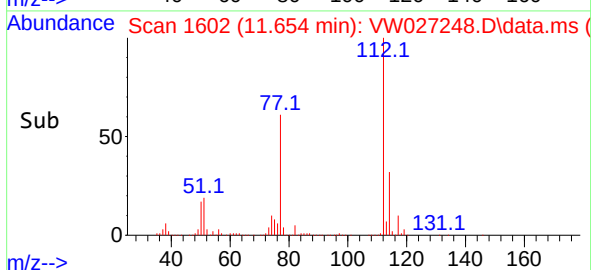
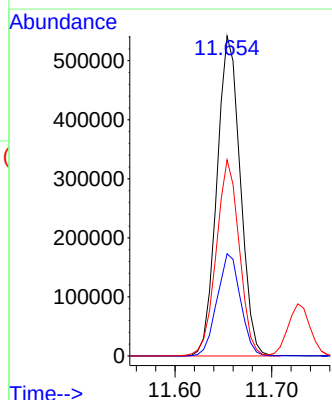
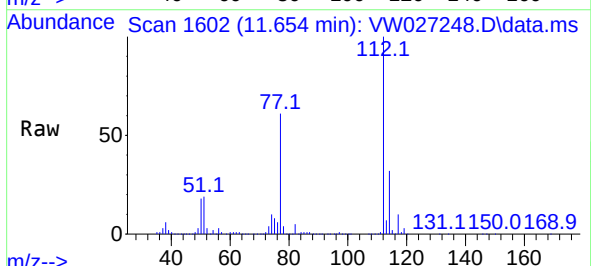


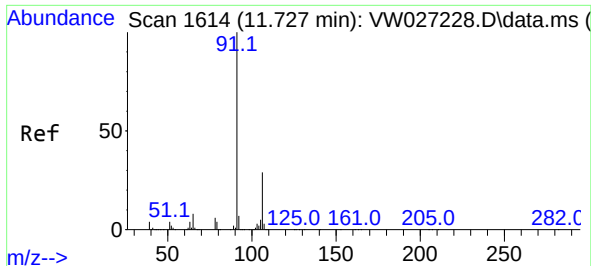
Tgt Ion:107 Resp: 265712
Ion Ratio Lower Upper
107 100
109 90.0 68.2 126.6
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 19.538 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:112 Resp: 909407
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 61.3 47.4 71.0

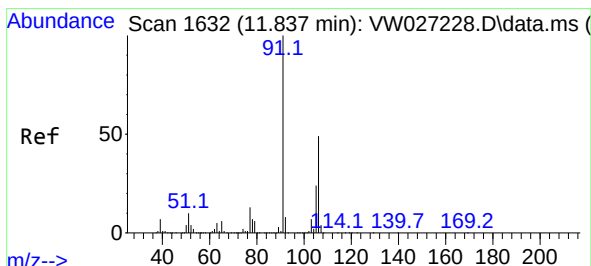
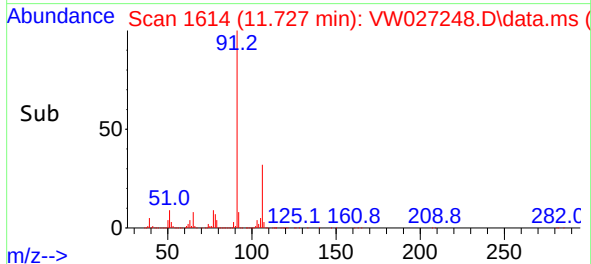
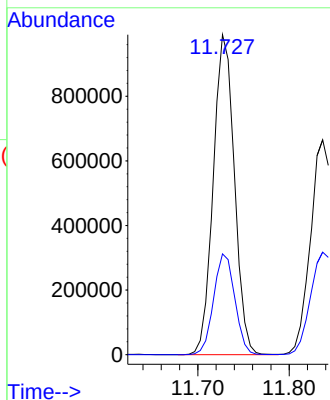
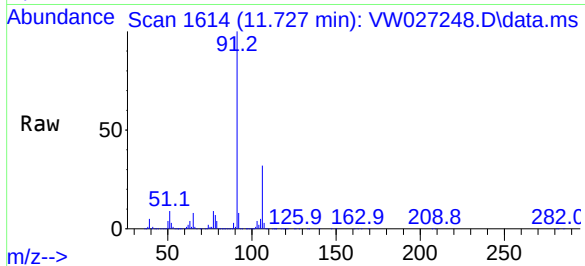




#52
Ethylbenzene
Concen: 20.210 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

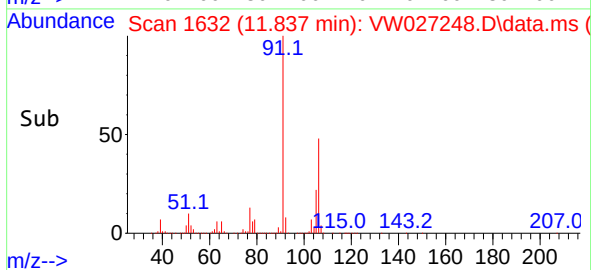
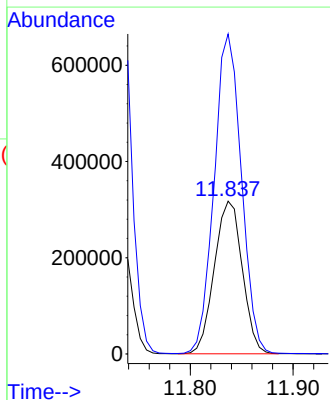
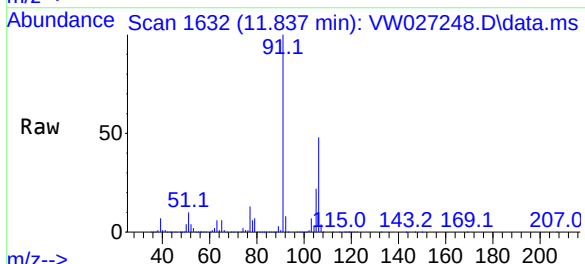
Instrument :
MSVOA_W
ClientSampleId :

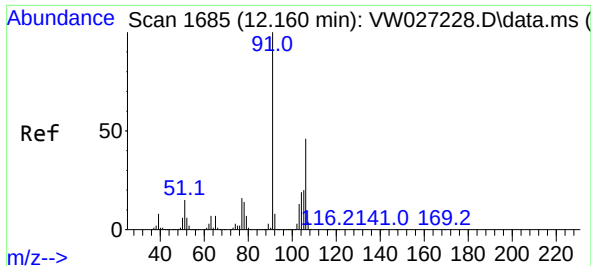
Tgt Ion: 91 Resp: 1592514
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 19.829 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:106 Resp: 599108
Ion Ratio Lower Upper
106 100
91 209.4 145.9 270.9

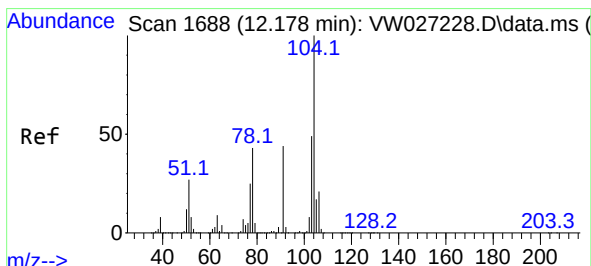
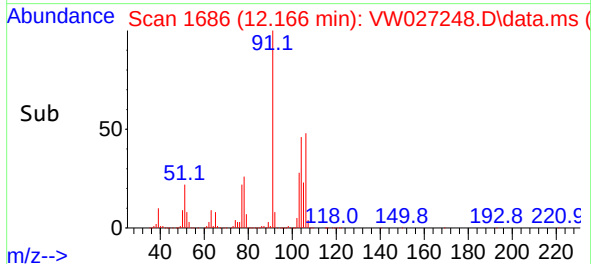
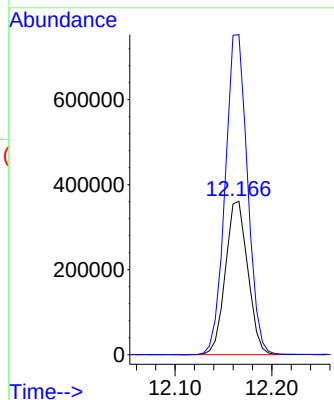
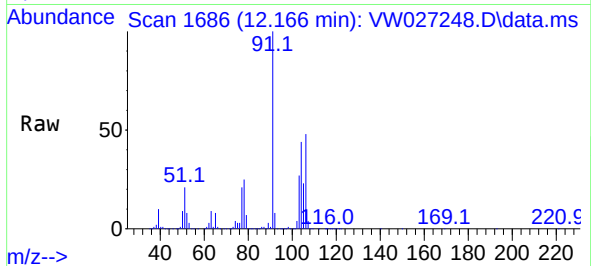




#54
o-Xylene
Concen: 20.555 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

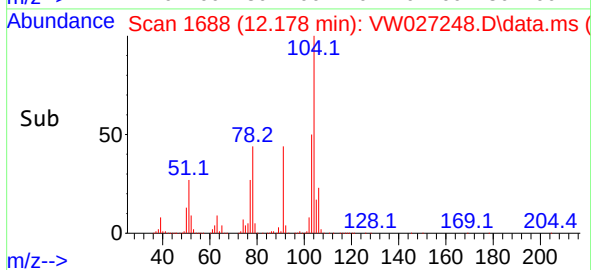
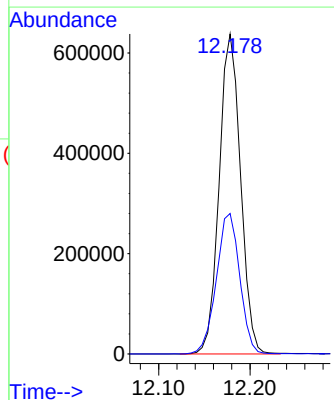
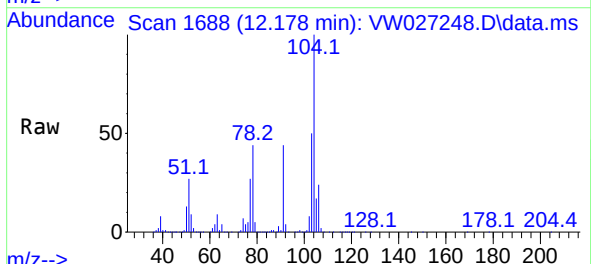
Instrument :
MSVOA_W
ClientSampleId :

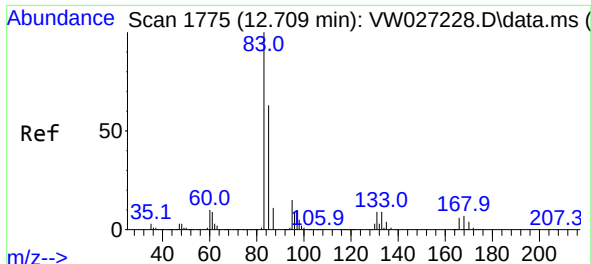
Tgt Ion:106 Resp: 580161
Ion Ratio Lower Upper
106 100
91 208.6 149.5 277.7



#55
Styrene
Concen: 21.361 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:104 Resp: 1037835
Ion Ratio Lower Upper
104 100
78 43.9 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.028 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

ClientSampleId :

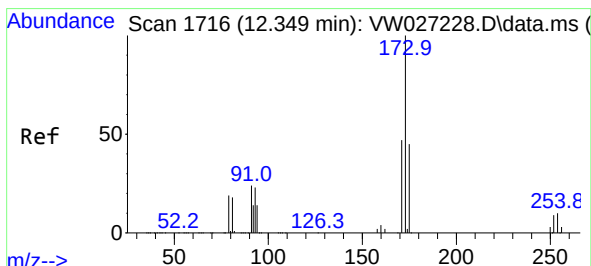
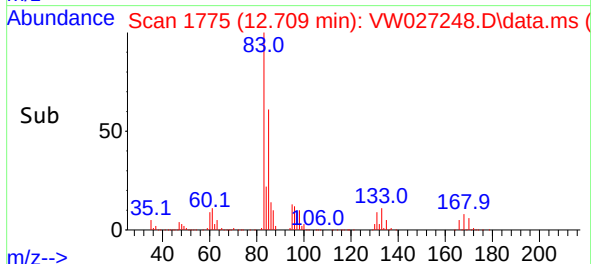
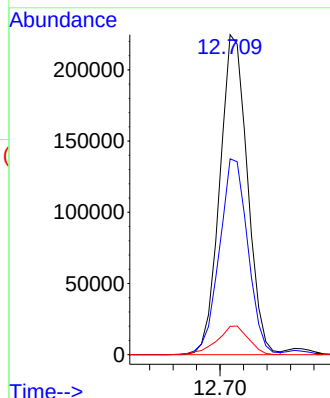
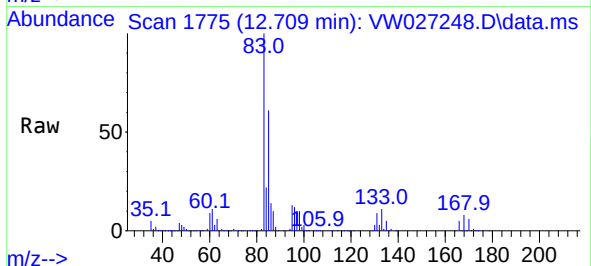
Tgt Ion: 83 Resp: 367048

Ion Ratio Lower Upper

83 100

85 61.2 43.5 80.7

131 8.8 7.6 11.4



#59

Bromoform

Concen: 22.426 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

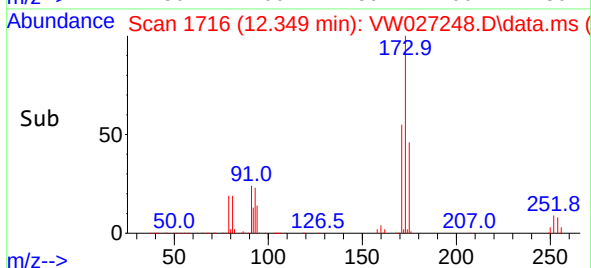
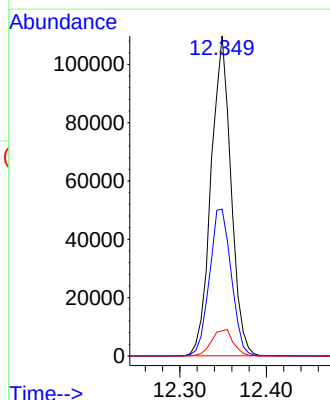
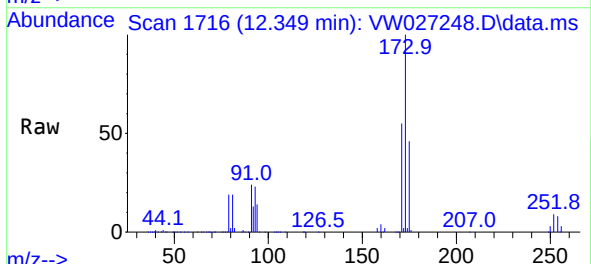
Tgt Ion: 173 Resp: 175229

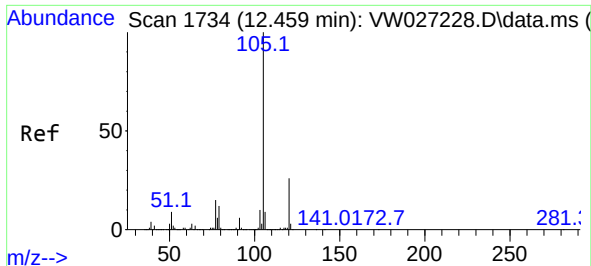
Ion Ratio Lower Upper

173 100

175 50.2 37.1 55.7

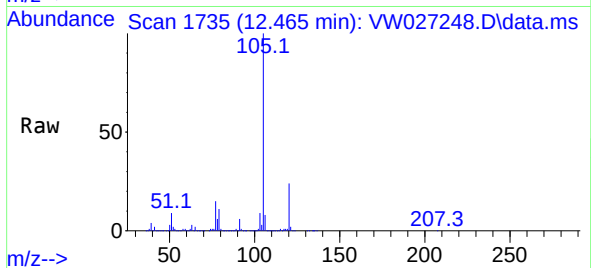
254 9.0 7.2 10.8



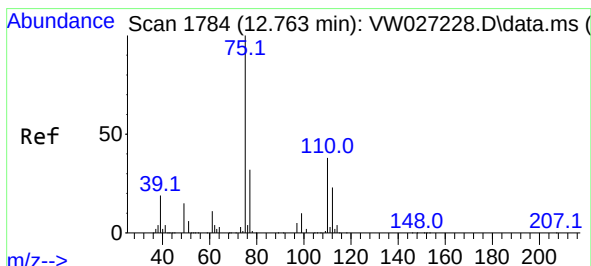
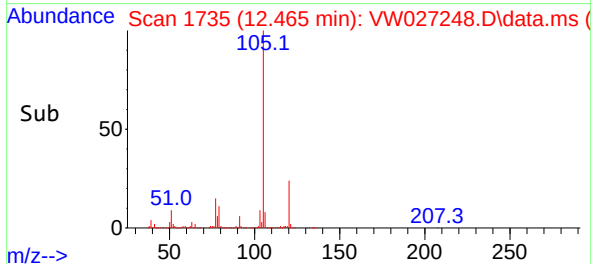
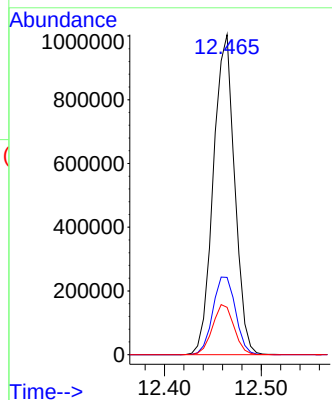


#60
Isopropylbenzene
Concen: 21.049 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

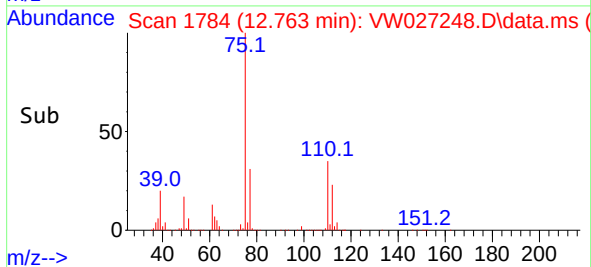
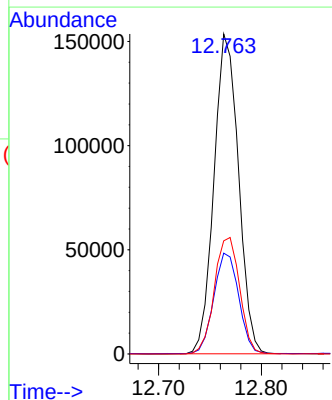
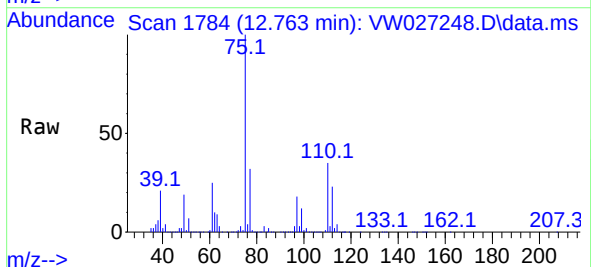


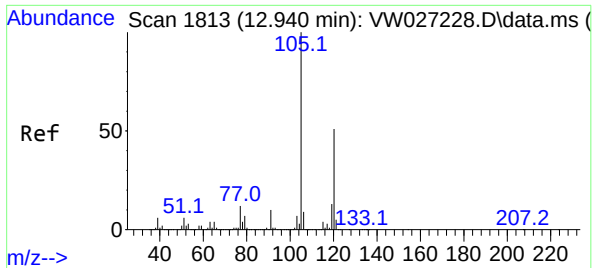
Tgt Ion:105 Resp: 1533694
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 25.074 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 75 Resp: 254002
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 37.6 31.2 46.8

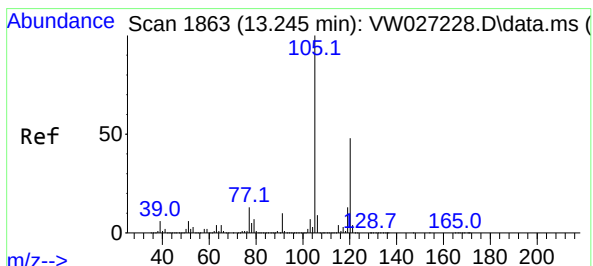
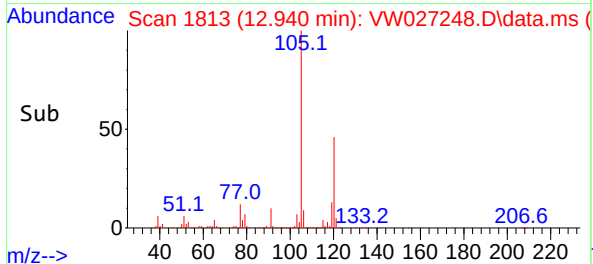
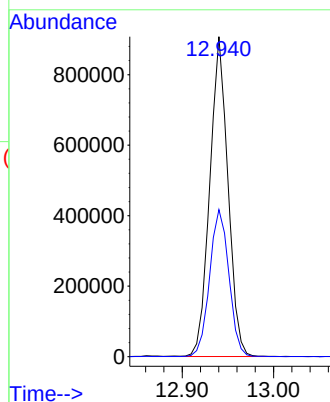
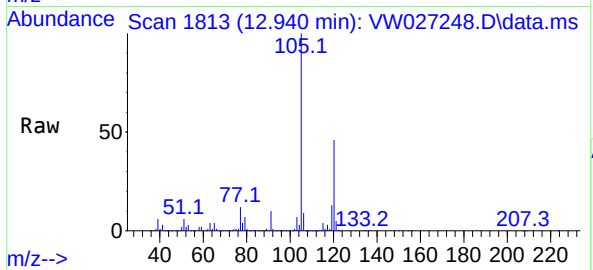




#62
1,3,5-Trimethylbenzene
Concen: 21.898 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

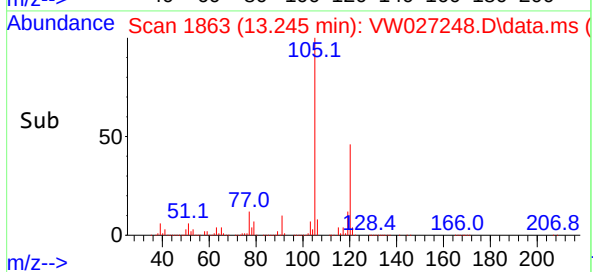
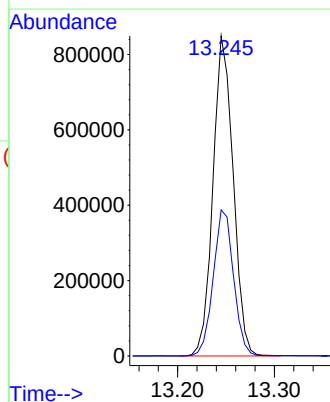
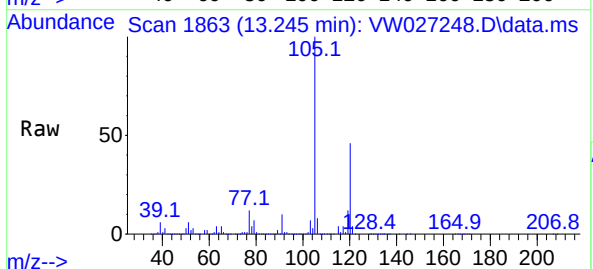
Instrument :
MSVOA_W
ClientSampleId :

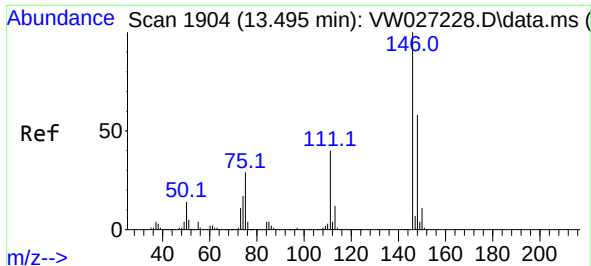
Tgt Ion:105 Resp: 1250945
Ion Ratio Lower Upper
105 100
120 48.8 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 21.986 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

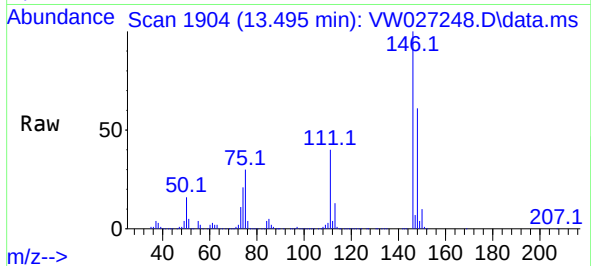
Tgt Ion:105 Resp: 1230819
Ion Ratio Lower Upper
105 100
120 45.9 36.8 55.2



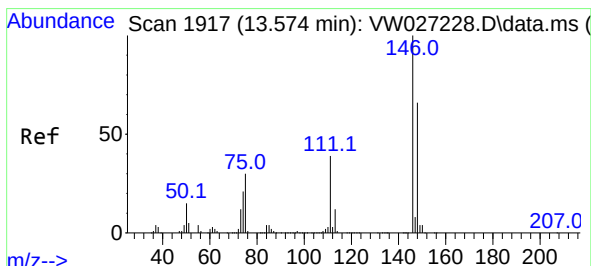
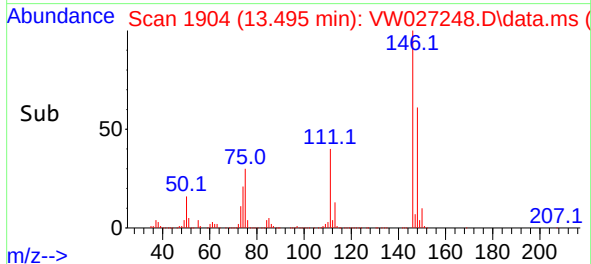
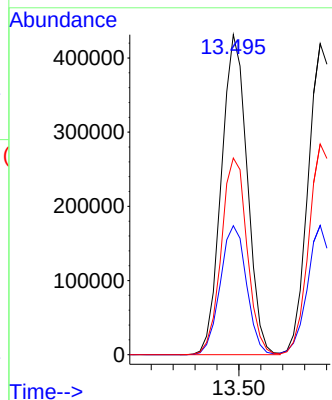


#64
1,3-Dichlorobenzene
Concen: 21.022 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

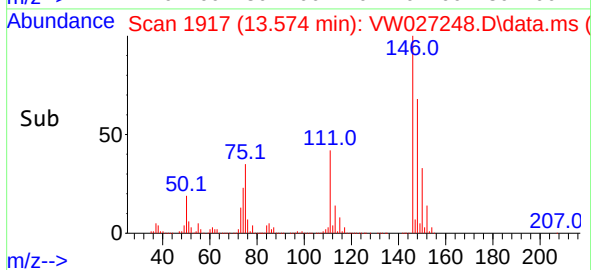
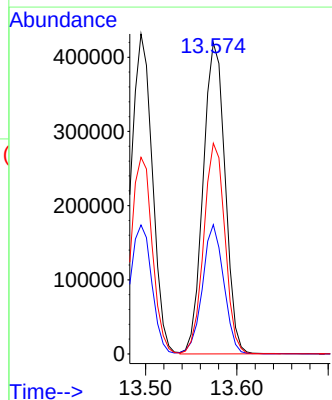
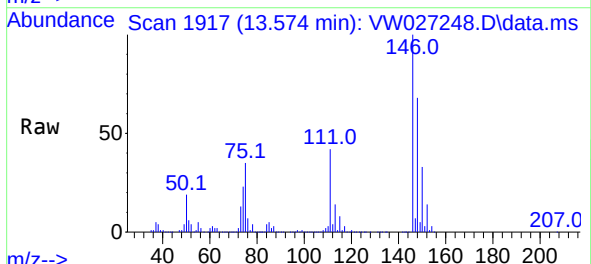


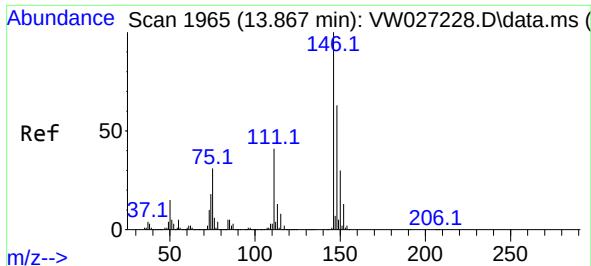
Tgt Ion:146 Resp: 706940
Ion Ratio Lower Upper
146 100
111 40.3 26.9 50.1
148 61.5 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 20.711 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:146 Resp: 699735
Ion Ratio Lower Upper
146 100
111 41.5 26.9 50.1
148 67.7 43.9 81.5

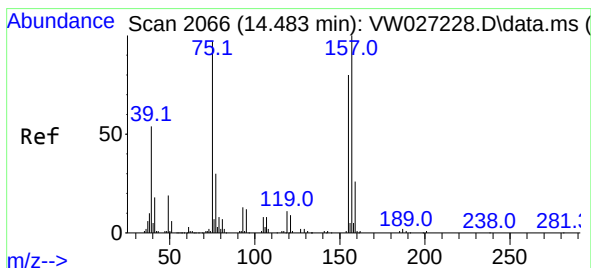
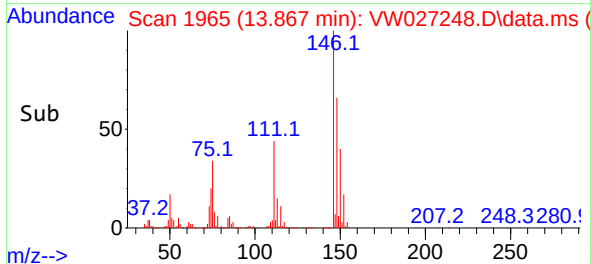
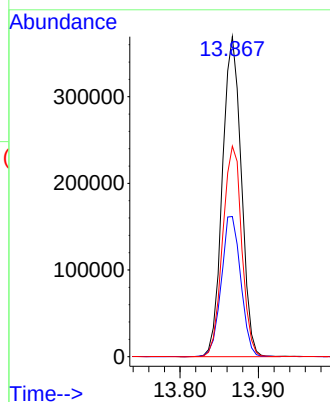
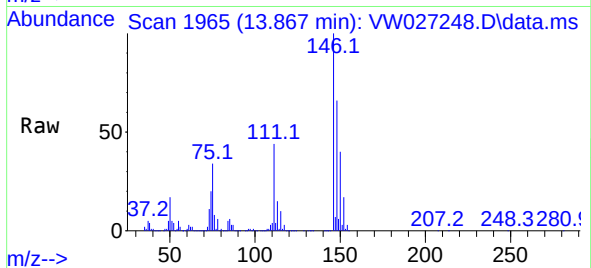




#67
1,2-Dichlorobenzene
Concen: 20.961 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

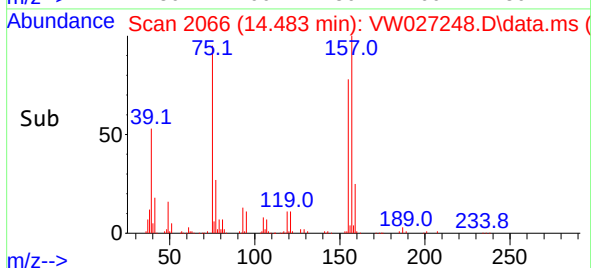
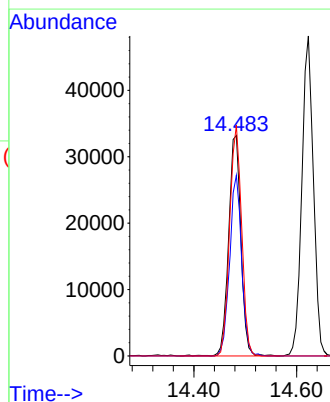
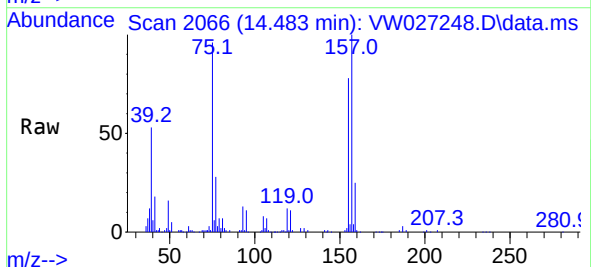
Instrument :
MSVOA_W
ClientSampleId :

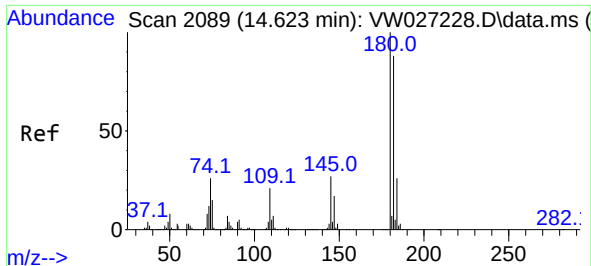
Tgt Ion:146 Resp: 617824
Ion Ratio Lower Upper
146 100
111 43.8 35.6 53.4
148 65.8 58.4 87.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.425 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion: 75 Resp: 55171
Ion Ratio Lower Upper
75 100
155 81.9 56.5 84.7
157 104.7 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 19.689 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.006 min

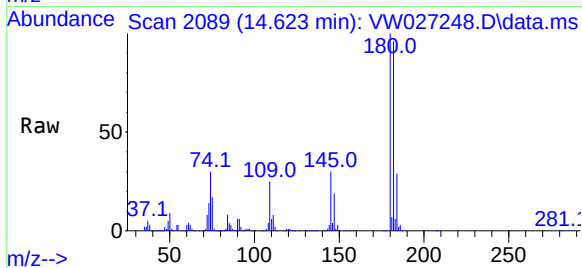
Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 426358

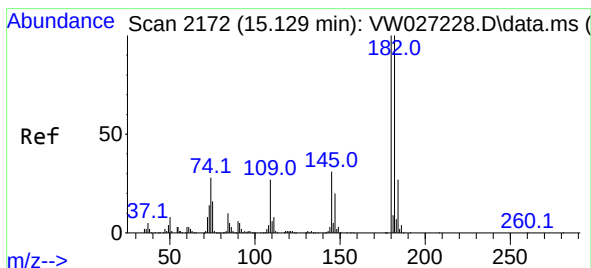
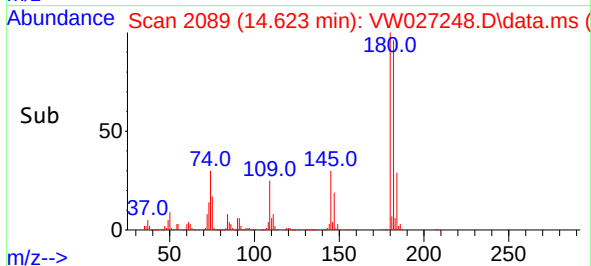
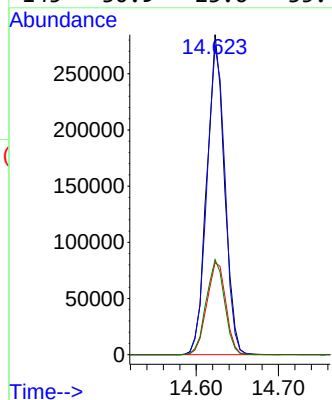
Ion Ratio Lower Upper

180 100

182 98.9 70.2 105.2

184 31.0 24.6 37.0

145 30.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 20.602 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027248.D

Acq: 05 Oct 2023 20:06

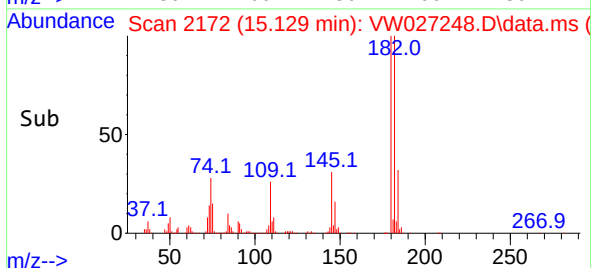
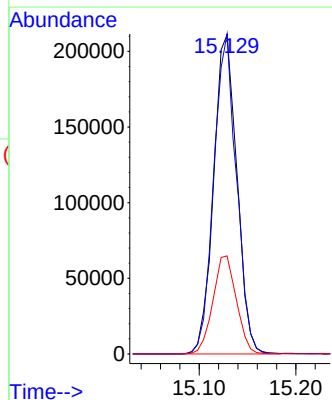
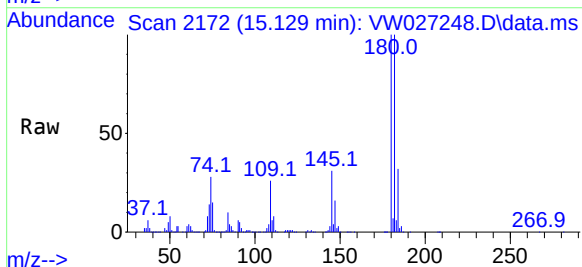
Tgt Ion:180 Resp: 351973

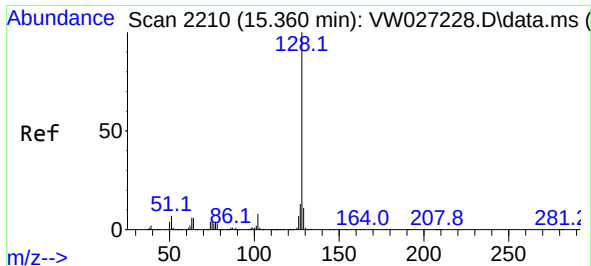
Ion Ratio Lower Upper

180 100

182 97.8 77.4 116.2

145 31.1 24.3 36.5

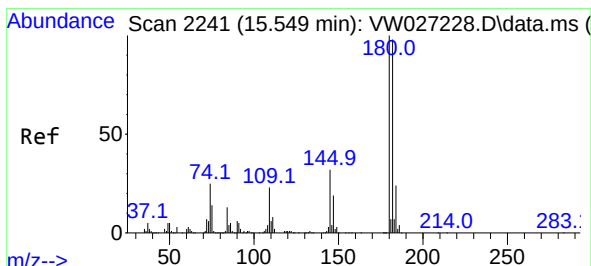
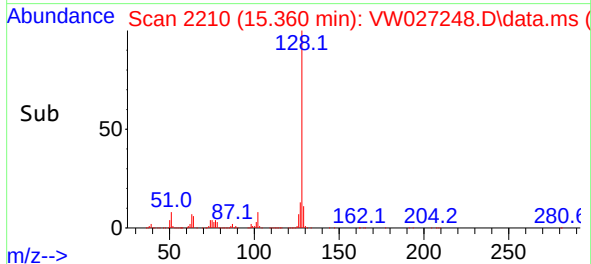
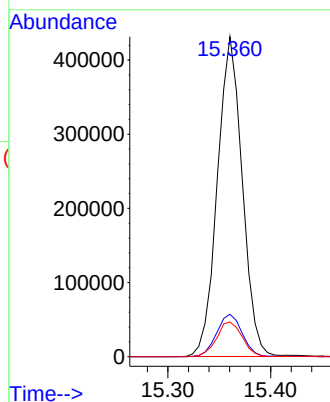
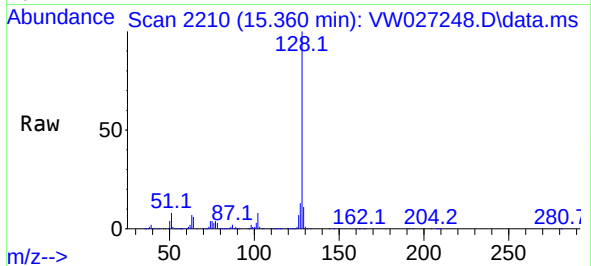




#71
Naphthalene
Concen: 24.045 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 724792
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.883 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027248.D
Acq: 05 Oct 2023 20:06

Tgt Ion:180 Resp: 331860
Ion Ratio Lower Upper
180 100
182 94.5 74.7 112.1
145 32.8 26.4 39.6

