

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122123\
 Data File : VW027815.D
 Acq On : 21 Dec 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 22:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	367318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	322634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98067	18.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.400%
7) Chloroethane-d5	2.899	69	83439	20.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	4.021	65	42272	20.290	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.088	46	35419	39.984	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.960%
24) Chloroform-d	7.648	84	203061	23.232	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	91632	22.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	8.276	84	418407	22.190	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.270	67	118003	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	10.319	98	400613	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.575	79	47385	22.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.922	63	32669	41.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90781	22.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	135011	21.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	98045	22.933	ug/L	95
3) Chloromethane	2.223	50	110098	21.864	ug/L	98
5) Vinyl chloride	2.369	62	138516	23.121	ug/L	100
6) Bromomethane	2.796	94	94282	24.725	ug/L	95
8) Chloroethane	2.936	64	84100	23.479	ug/L	99
9) Trichlorofluoromethane	3.271	101	144834	26.768	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116701	25.390	ug/L	99
12) 1,1-Dichloroethene	4.045	96	113763	25.284	ug/L	94
13) Acetone	4.155	43	40993	50.978	ug/L	97
14) Carbon disulfide	4.387	76	357435	23.647	ug/L	99
15) Methyl Acetate	4.686	43	30384	20.914	ug/L	94
16) Methylene chloride	4.917	84	118099	20.506	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	119992	25.220	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	155381	24.701	ug/L #	88
19) 1,1-Dichloroethane	6.216	63	197334	24.391	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	126941	25.345	ug/L	92
22) 2-Butanone	7.185	43	46506	43.552	ug/L	97
23) Bromochloromethane	7.514	128	55098	26.053	ug/L	97
25) Chloroform	7.679	83	204245	25.634	ug/L	97

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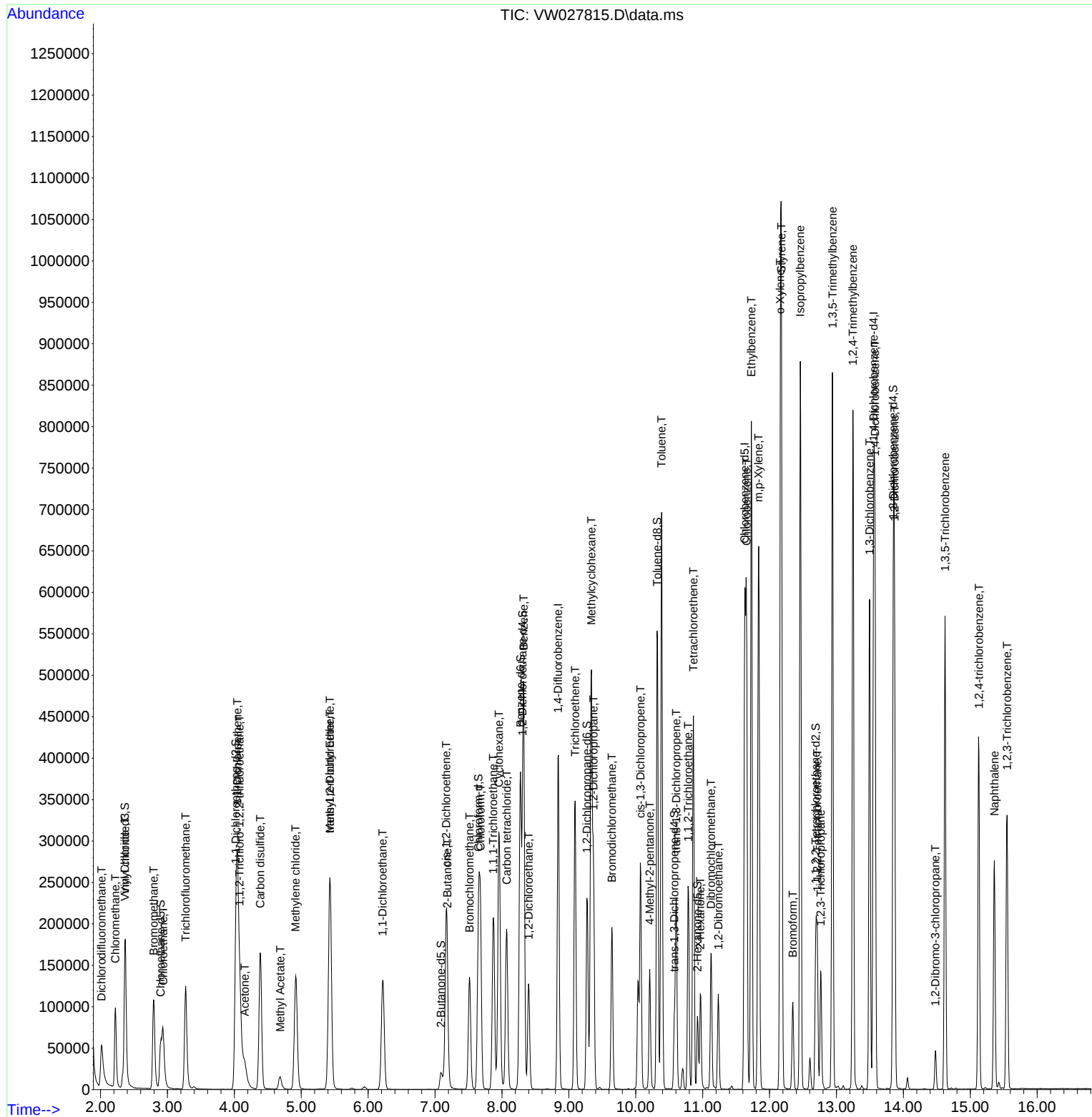
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116980	25.042	ug/L	98
29) Cyclohexane	7.953	56	182287	23.879	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	176469	26.185	ug/L	99
31) Carbon tetrachloride	8.069	117	155557	26.228	ug/L	98
33) Benzene	8.325	78	468556	25.053	ug/L	100
34) Trichloroethene	9.093	95	127643	25.037	ug/L	96
35) Methylcyclohexane	9.337	83	230443	25.062	ug/L	97
37) 1,2-Dichloropropane	9.368	63	110507	24.477	ug/L	99
38) Bromodichloromethane	9.642	83	137815	25.114	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	171854	24.974	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	85779	43.471	ug/L	98
42) Toluene	10.386	91	521105	25.895	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	136392	25.170	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	84050	25.146	ug/L	98
46) Tetrachloroethene	10.861	164	106368	26.129	ug/L	92
48) 2-Hexanone	10.965	43	66991	45.612	ug/L	99
49) Dibromochloromethane	11.123	129	91150	26.073	ug/L	98
50) 1,2-Dibromoethane	11.233	107	78864	24.827	ug/L	94
51) Chlorobenzene	11.654	112	333972	25.976	ug/L	91
52) Ethylbenzene	11.727	91	585730	25.830	ug/L	96
53) m,p-Xylene	11.837	106	232668	26.712	ug/L	90
54) o-Xylene	12.160	106	212627	26.216	ug/L	94
55) Styrene	12.178	104	357184	26.124	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	89627	23.523	ug/L	96
59) Bromoform	12.349	173	50802	24.040	ug/L	96
60) Isopropylbenzene	12.459	105	588140	24.138	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62783	21.820	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	470660	24.164	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	466834	24.349	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	255524	24.269	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	267943	25.335	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	228566	24.964	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11871	20.652	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	179464	24.497	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	145450	24.176	ug/L	91
71) Naphthalene	15.360	128	248543	23.312	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	122548	24.362	ug/L	96

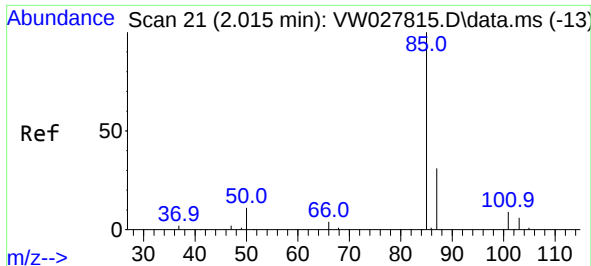
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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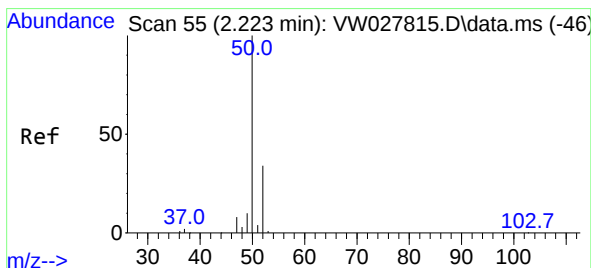
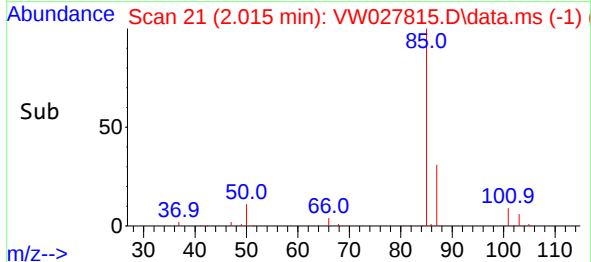
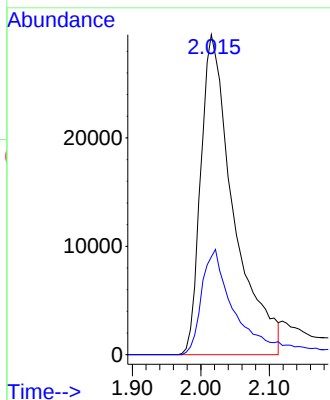
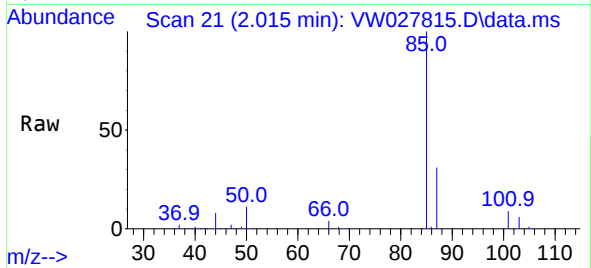




#2
Dichlorodifluoromethane
Concen: 22.933 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

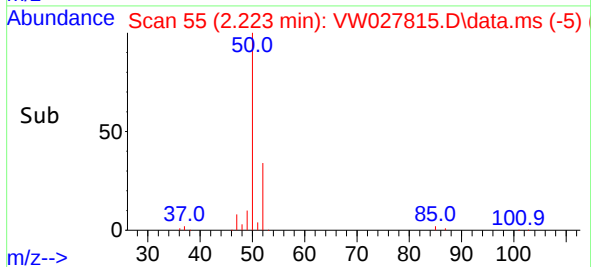
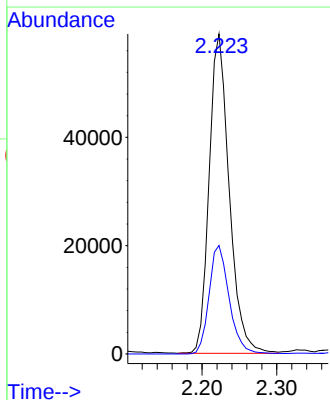
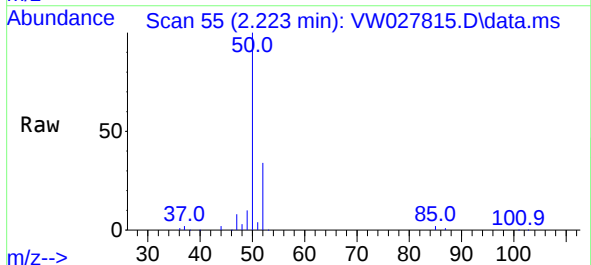
Instrument :
MSVOA_W
ClientSampleId :

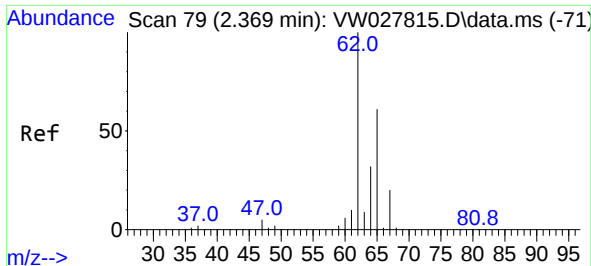
Tgt Ion: 85 Resp: 98045
Ion Ratio Lower Upper
85 100
87 31.6 23.2 34.8



#3
Chloromethane
Concen: 21.864 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 50 Resp: 110098
Ion Ratio Lower Upper
50 100
52 33.9 22.8 42.4

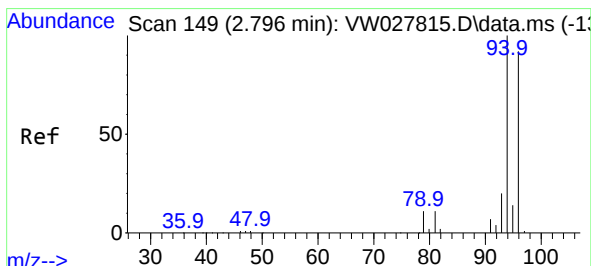
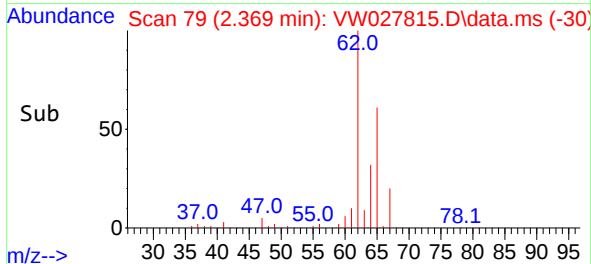
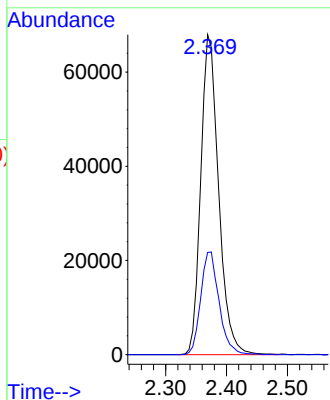
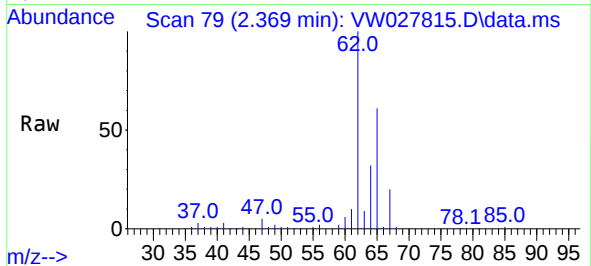




#5
 Vinyl chloride
 Concen: 23.121 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW027815.D
 Acq: 21 Dec 2023 09:23

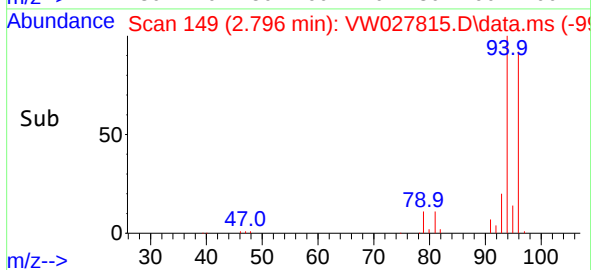
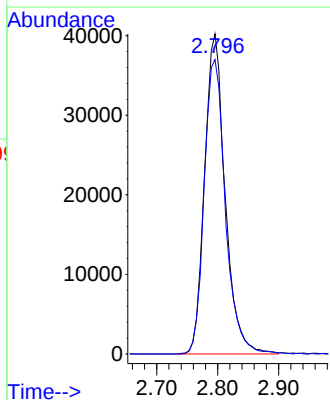
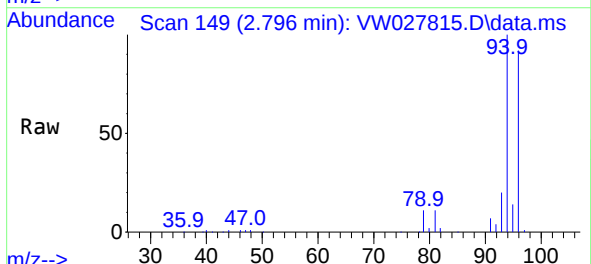
Instrument :
 MSVOA_W
 ClientSampleId :

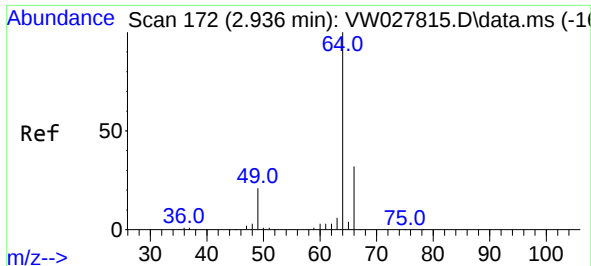
Tgt Ion: 62 Resp: 138516
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.2 41.2



#6
 Bromomethane
 Concen: 24.725 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027815.D
 Acq: 21 Dec 2023 09:23

Tgt Ion: 94 Resp: 94282
 Ion Ratio Lower Upper
 94 100
 96 92.0 61.2 113.8

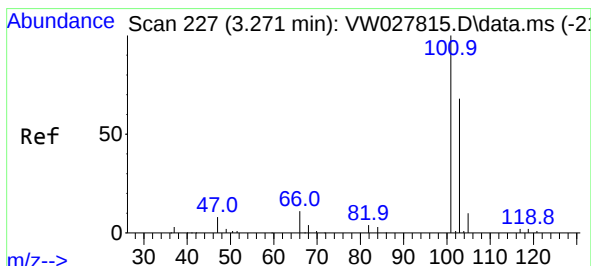
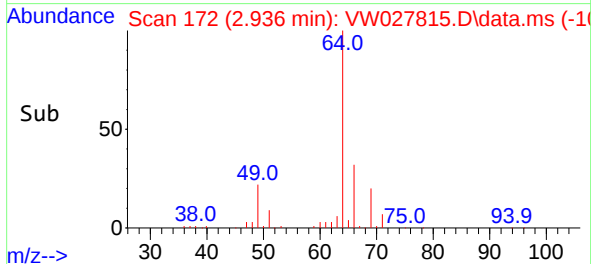
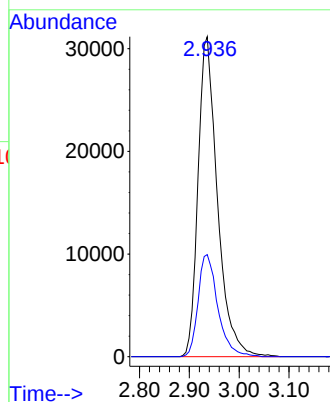
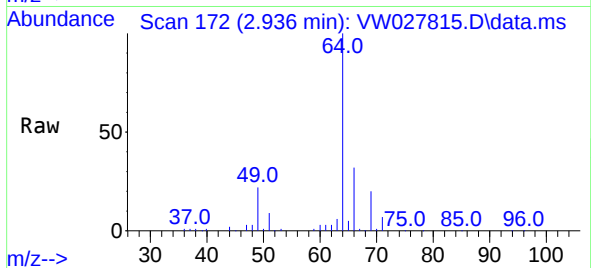




#8
Chloroethane
Concen: 23.479 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

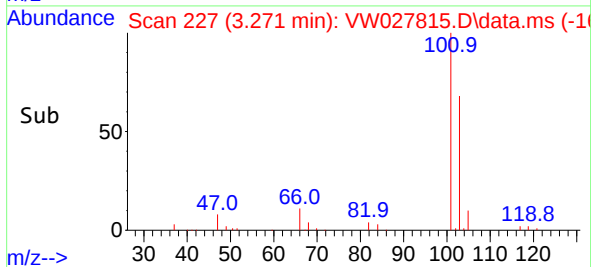
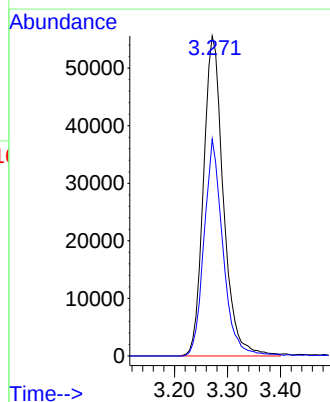
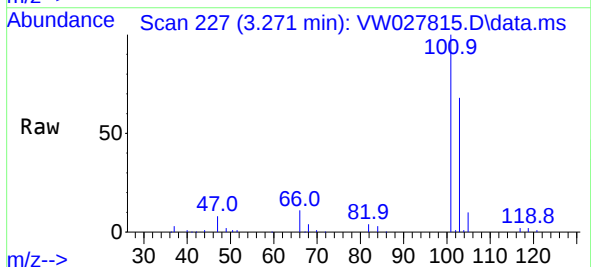
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MSVOA_W
ClientSampleId :

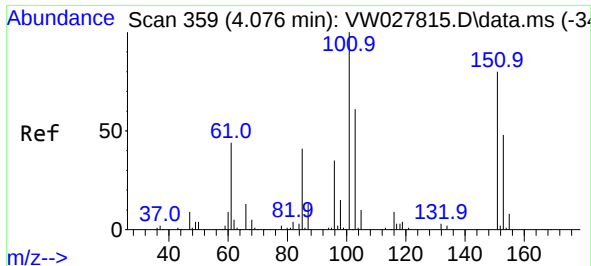
Tgt Ion: 64 Resp: 84100
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 26.768 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 101 Resp: 144834
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7





#10

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

Concen: 25.390 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.006 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

ClientSampleId :

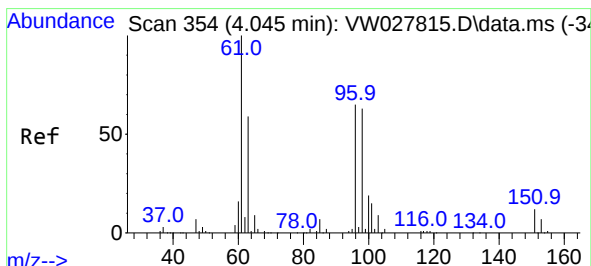
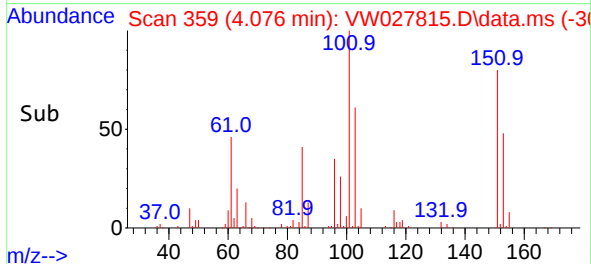
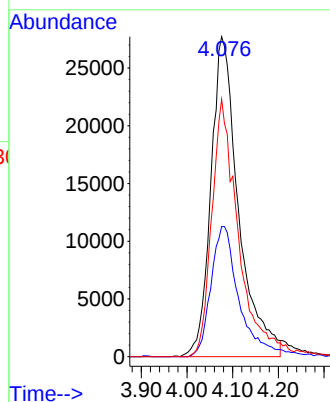
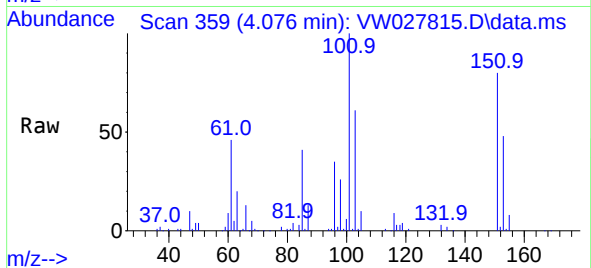
Tgt Ion:101 Resp: 116701

Ion Ratio Lower Upper

101 100

85 40.7 33.0 49.4

151 74.4 58.9 88.3



#12

1,1-Dichloroethene

Concen: 25.284 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

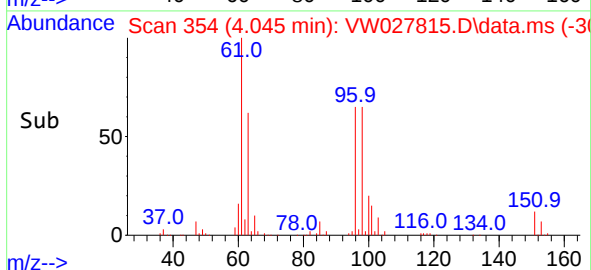
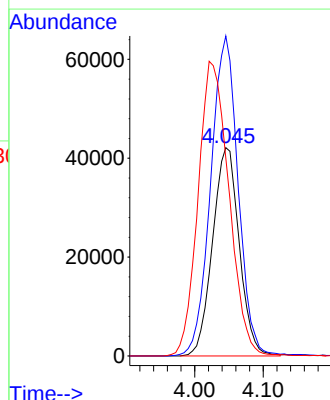
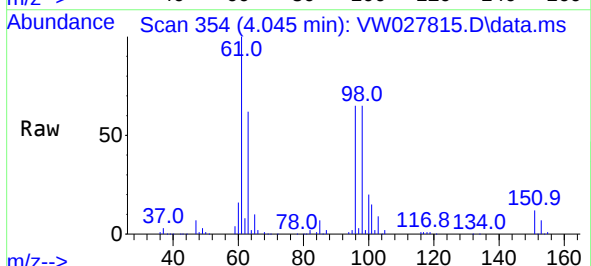
Tgt Ion: 96 Resp: 113763

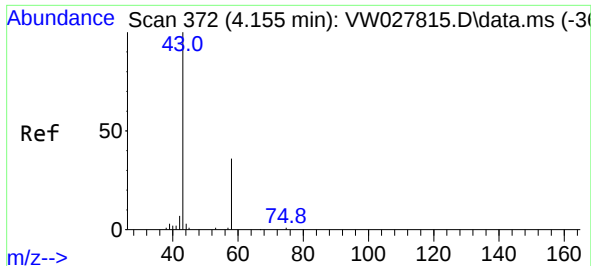
Ion Ratio Lower Upper

96 100

61 153.6 110.9 206.1

63 95.1 73.6 136.6

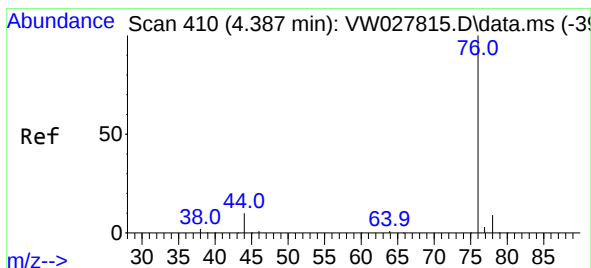
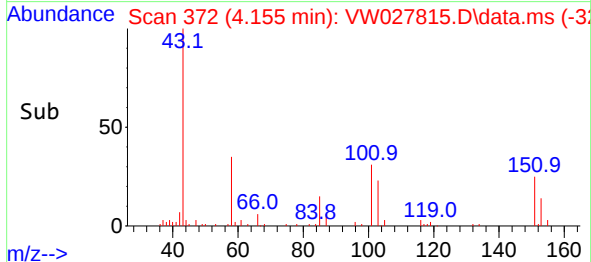
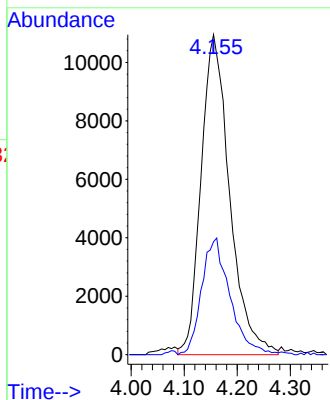
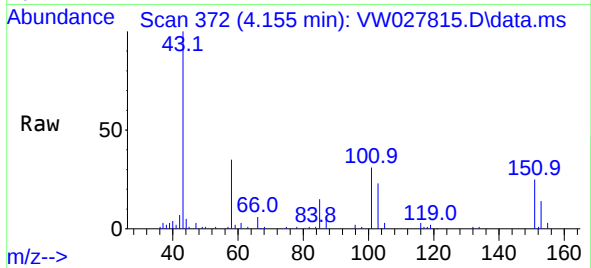




#13
Acetone
Concen: 50.978 ug/L
RT: 4.155 min Scan# 31
Delta R.T. -0.030 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

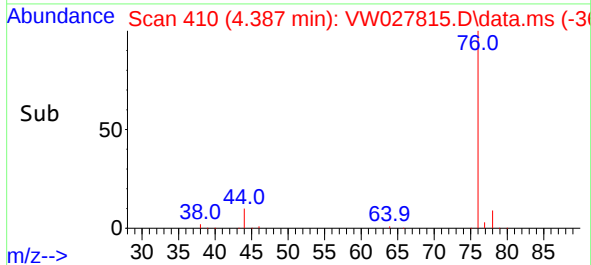
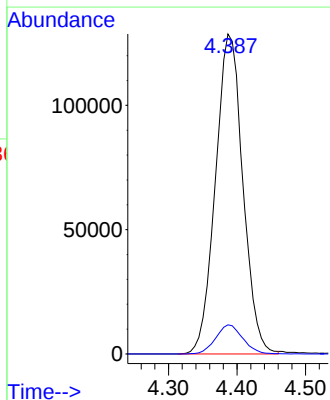
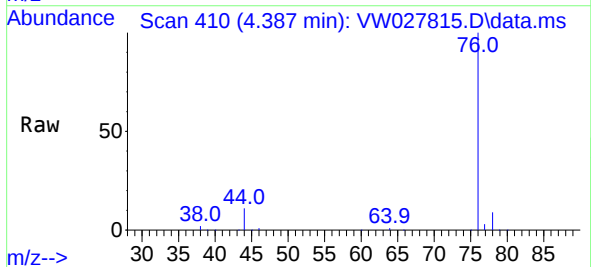
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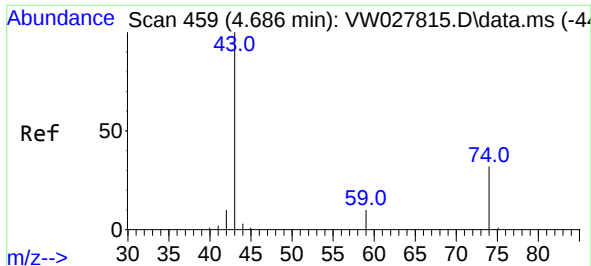
Tgt Ion: 43 Resp: 40993
Ion Ratio Lower Upper
43 100
58 36.0 0.0 68.6



#14
Carbon disulfide
Concen: 23.647 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 76 Resp: 357435
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

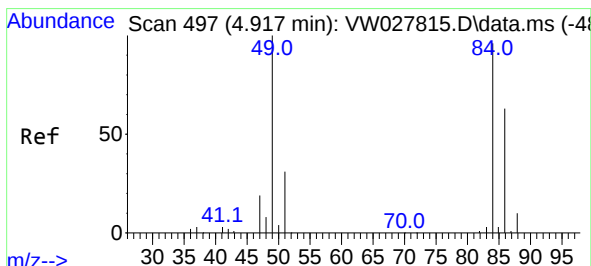
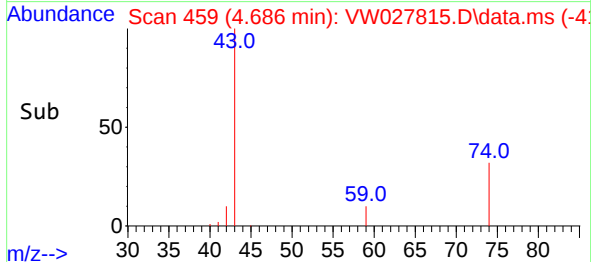
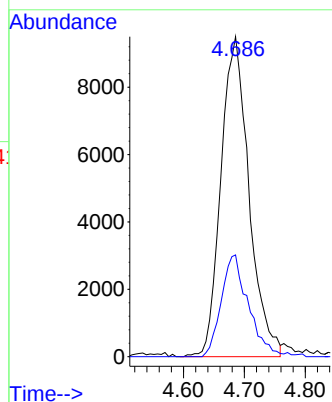
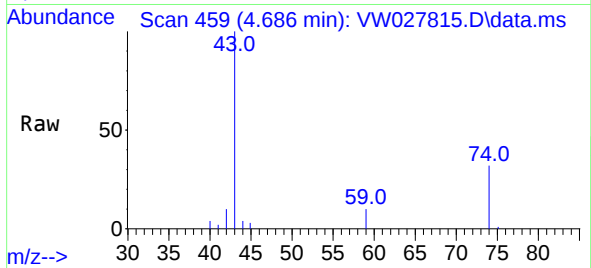




#15
Methyl Acetate
Concen: 20.914 ug/L
RT: 4.686 min Scan# 459
Delta R.T. -0.012 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

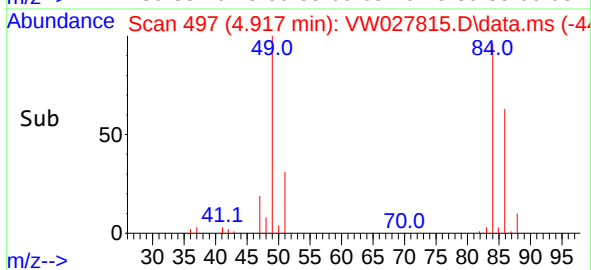
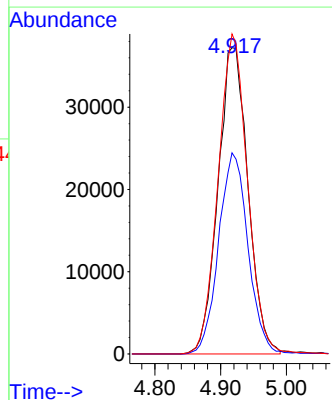
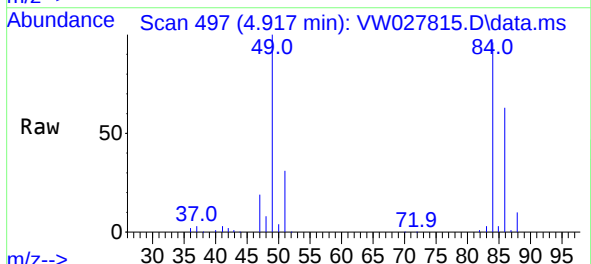
Instrument :
MSVOA_W
ClientSampleId :

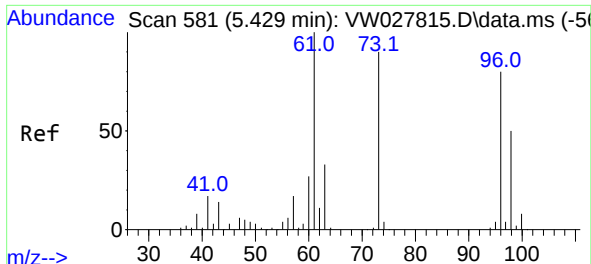
Tgt Ion: 43 Resp: 30384
Ion Ratio Lower Upper
43 100
74 30.6 22.1 33.1



#16
Methylene chloride
Concen: 20.506 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

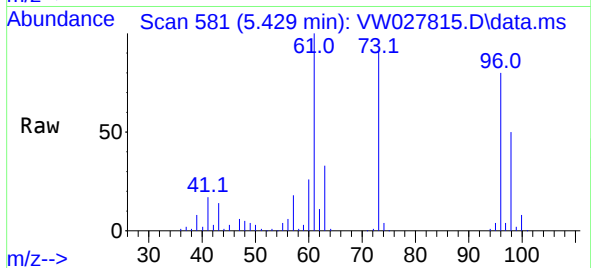
Tgt Ion: 84 Resp: 118099
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 104.5 76.2 141.6





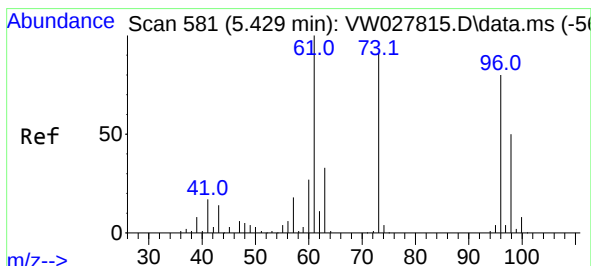
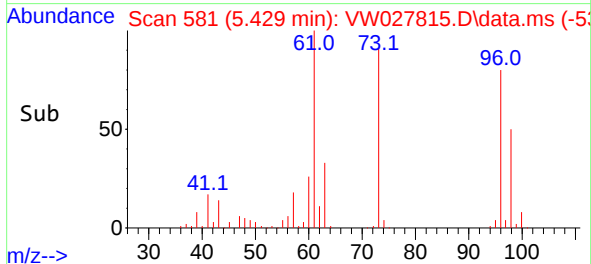
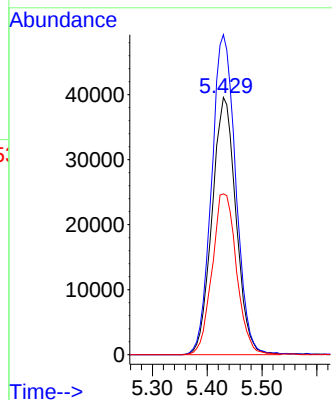
#17
trans-1,2-Dichloroethene
Concen: 25.220 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 119992

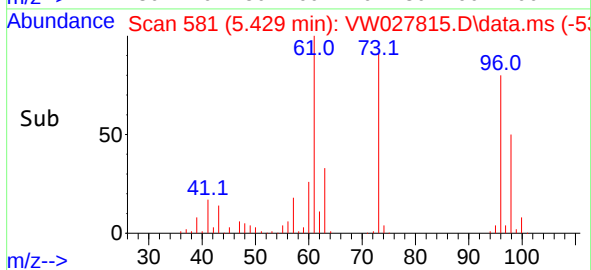
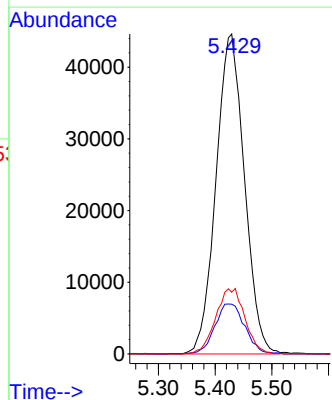
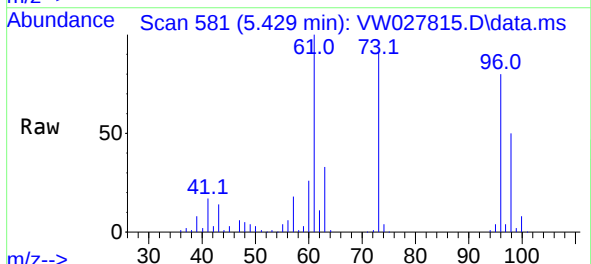
Ion	Ratio	Lower	Upper
96	100		
61	124.4	88.5	164.3
98	62.5	42.9	79.7

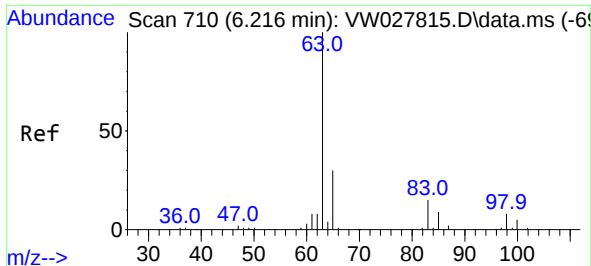


#18
Methyl tert-butyl Ether
Concen: 24.701 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 73 Resp: 155381

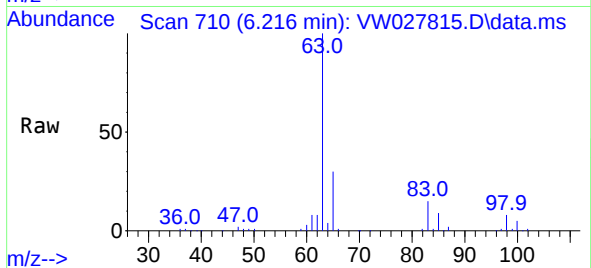
Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.5	20.3
57	12.4	17.4	26.0



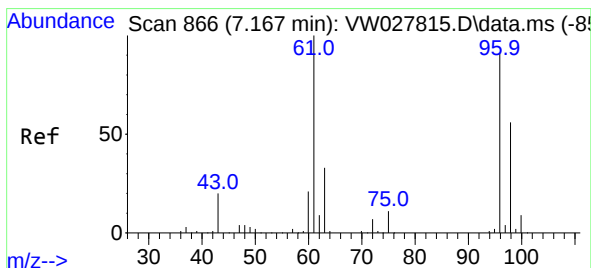
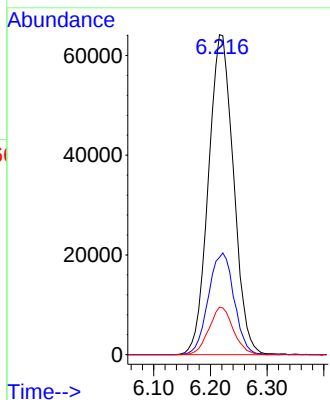


#19
1,1-Dichloroethane
Concen: 24.391 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

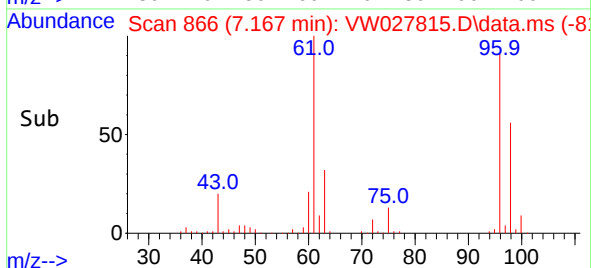
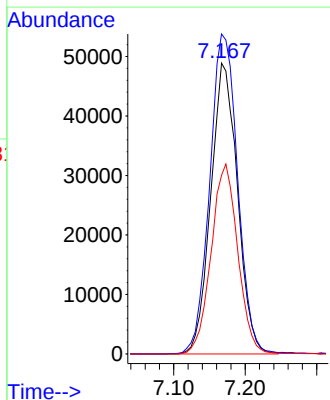
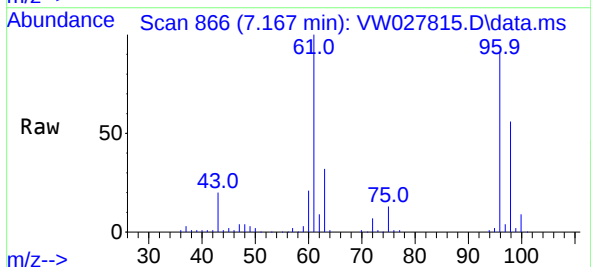


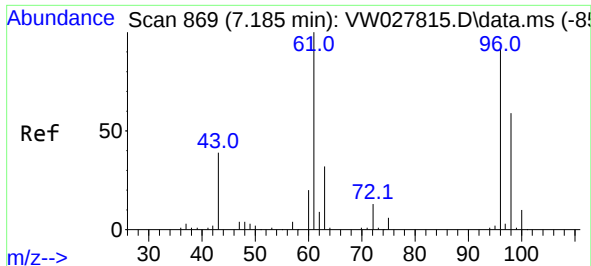
Tgt Ion: 63 Resp: 197334
Ion Ratio Lower Upper
63 100
65 30.4 23.0 42.8
83 14.9 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 25.345 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 96 Resp: 126941
Ion Ratio Lower Upper
96 100
61 110.0 83.5 155.1
98 61.4 46.5 86.5

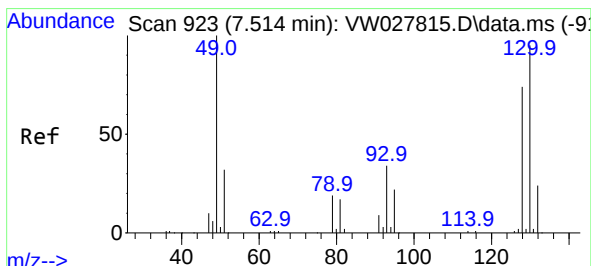
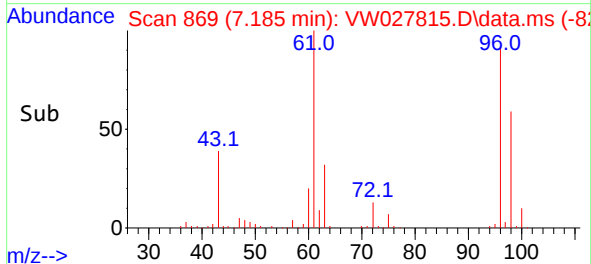
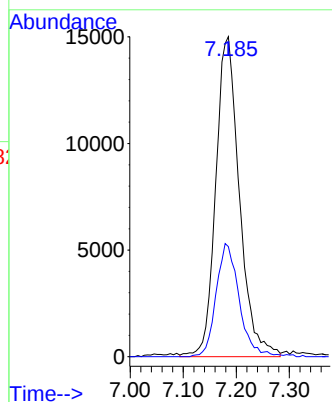
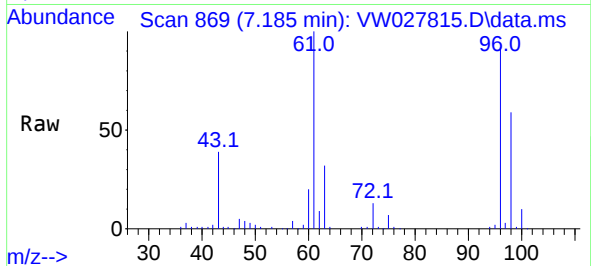




#22
2-Butanone
Concen: 43.552 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

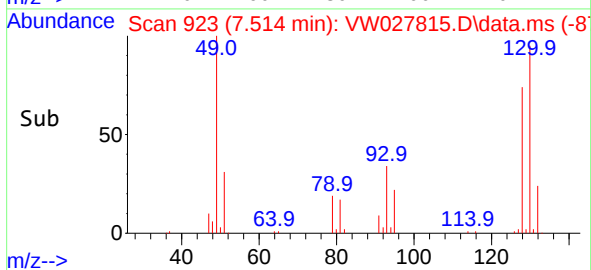
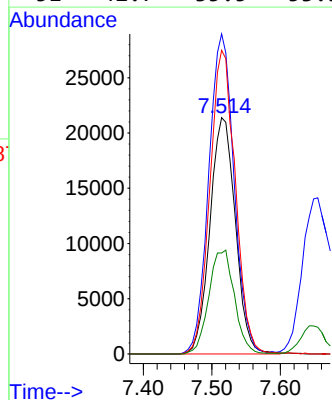
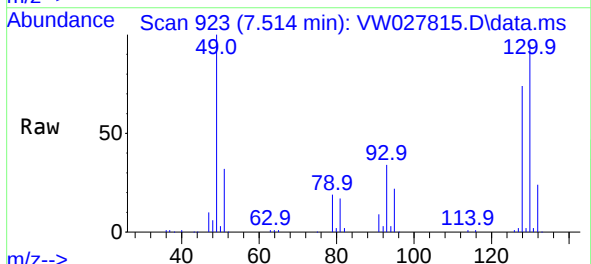
Instrument :
MSVOA_W
ClientSampleId :

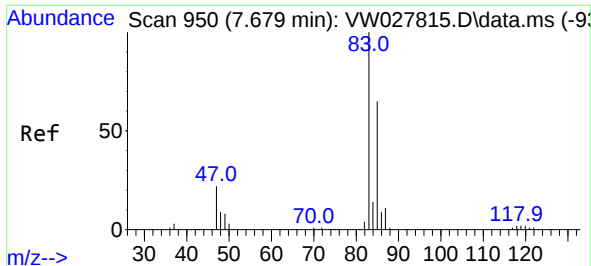
Tgt Ion: 43 Resp: 46506
Ion Ratio Lower Upper
43 100
72 33.7 16.1 48.2



#23
Bromochloromethane
Concen: 26.053 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 128 Resp: 55098
Ion Ratio Lower Upper
128 100
49 135.4 94.1 174.7
130 128.5 86.2 160.0
51 42.7 35.5 53.3

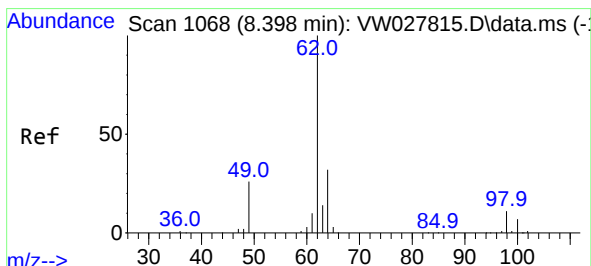
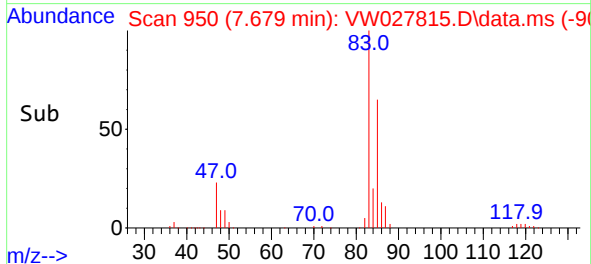
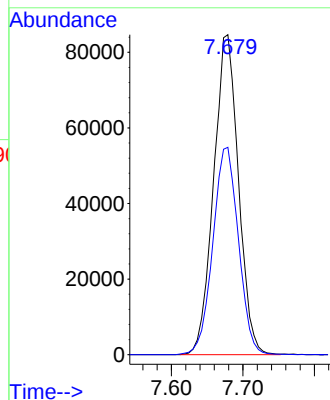
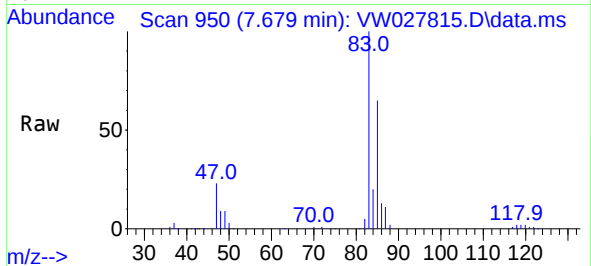




#25
Chloroform
Concen: 25.634 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

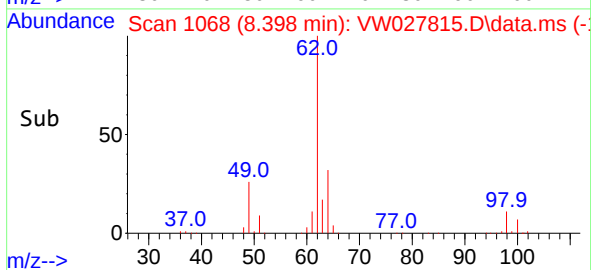
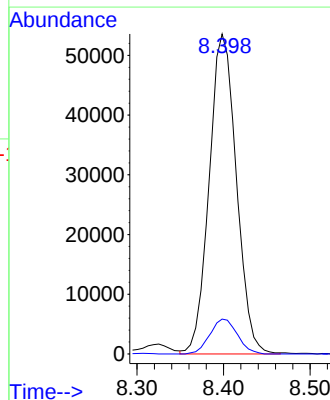
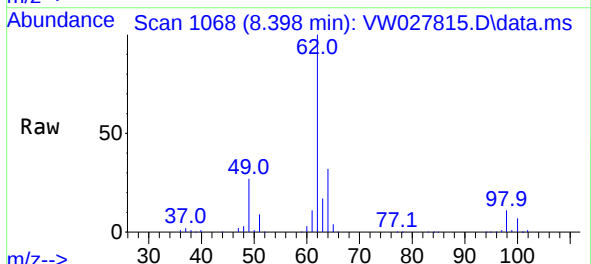
Instrument :
MSVOA_W
ClientSampleId :

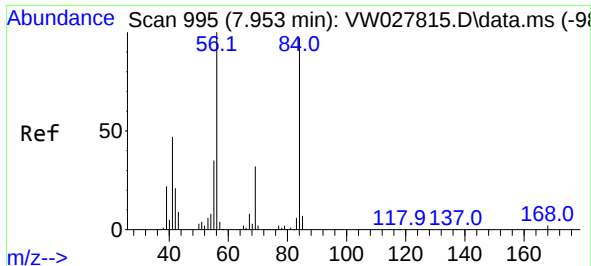
Tgt Ion: 83 Resp: 204245
Ion Ratio Lower Upper
83 100
85 64.8 46.9 87.1



#27
1,2-Dichloroethane
Concen: 25.042 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

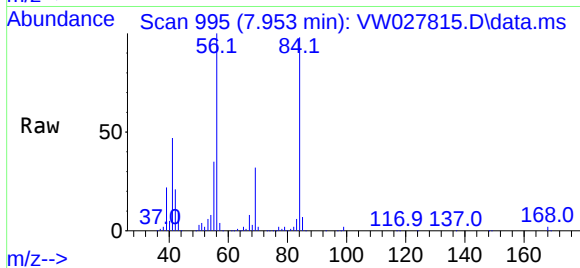
Tgt Ion: 62 Resp: 116980
Ion Ratio Lower Upper
62 100
98 10.9 8.1 12.1



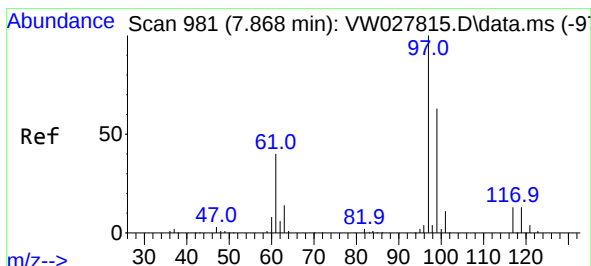
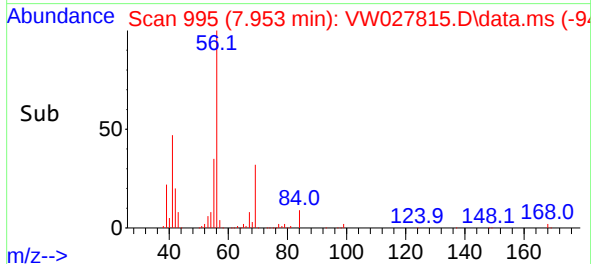
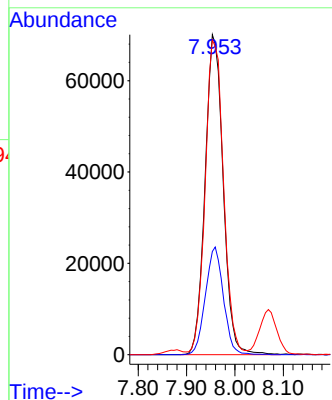


#29
Cyclohexane
Concen: 23.879 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

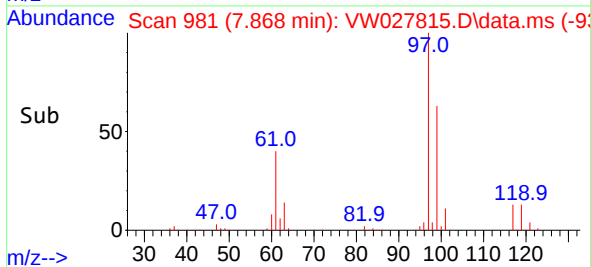
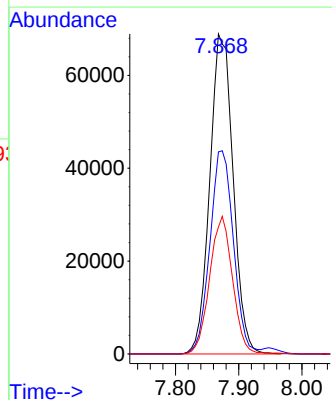
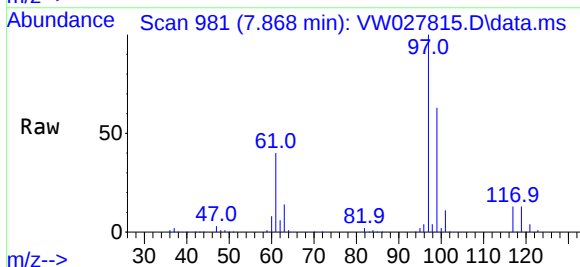


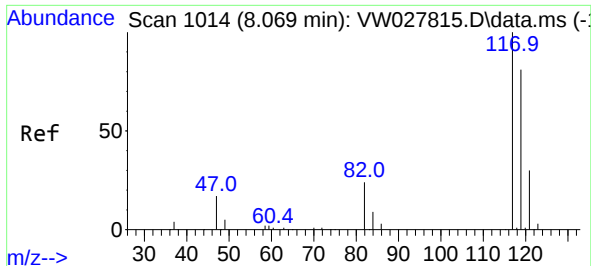
Tgt Ion: 56 Resp: 182287
Ion Ratio Lower Upper
56 100
69 33.3 25.7 38.5
84 99.7 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 26.185 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 97 Resp: 176469
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.2 34.2 51.4

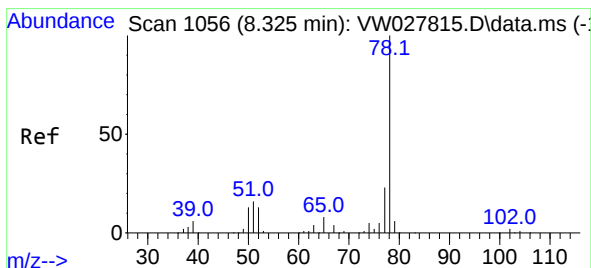
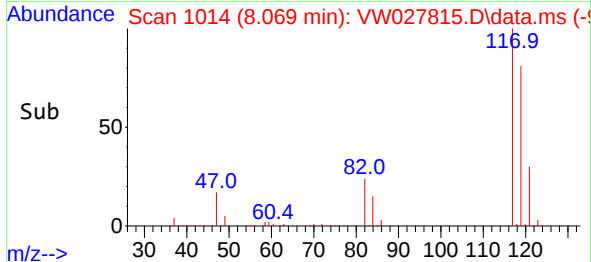
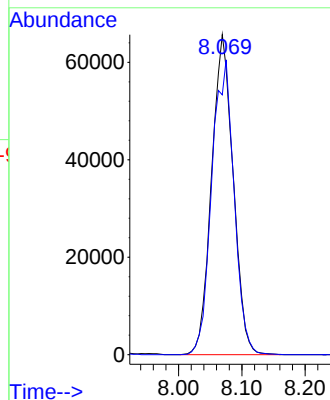
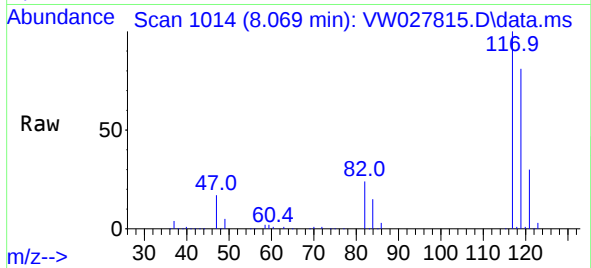




#31
Carbon tetrachloride
Concen: 26.228 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

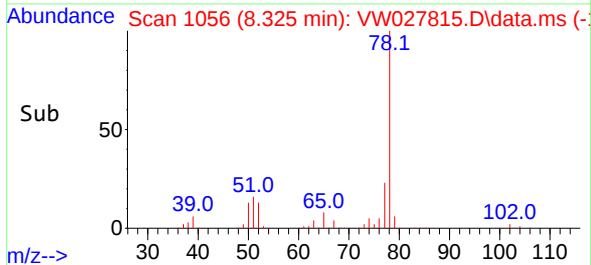
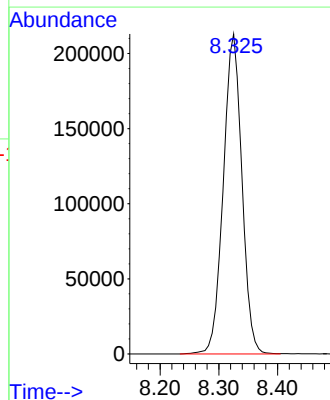
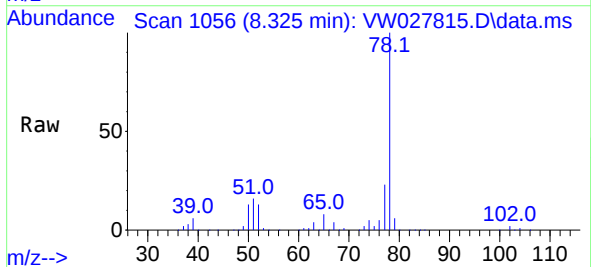
Instrument :
MSVOA_W
ClientSampleId :

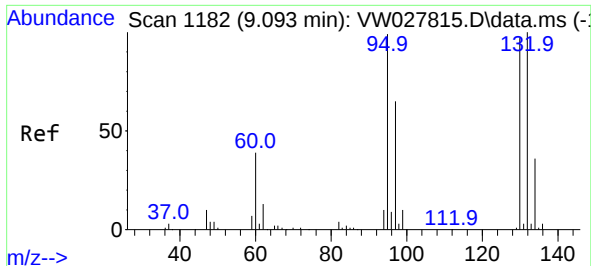
Tgt Ion:117 Resp: 155557
Ion Ratio Lower Upper
117 100
119 95.0 74.6 112.0



#33
Benzene
Concen: 25.053 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 78 Resp: 468556





#34

Trichloroethene

Concen: 25.037 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 127643

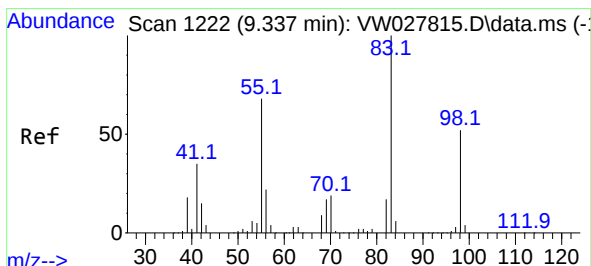
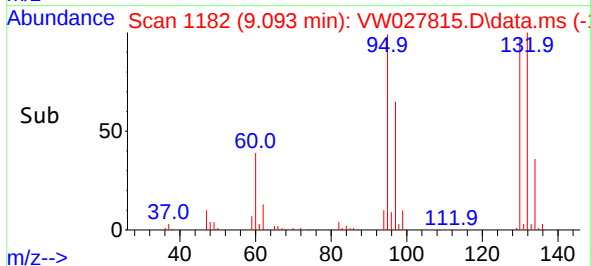
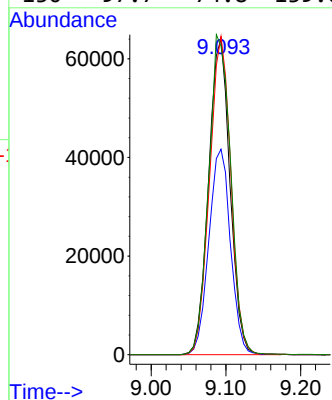
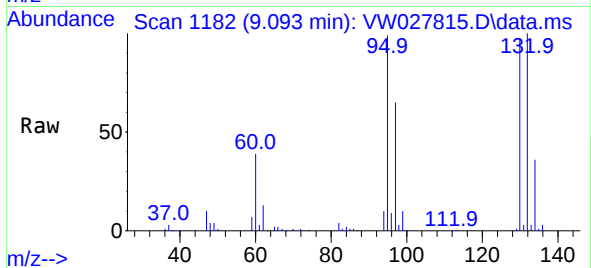
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 100.7 70.4 130.8

130 97.7 74.8 139.0



#35

Methylcyclohexane

Concen: 25.062 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

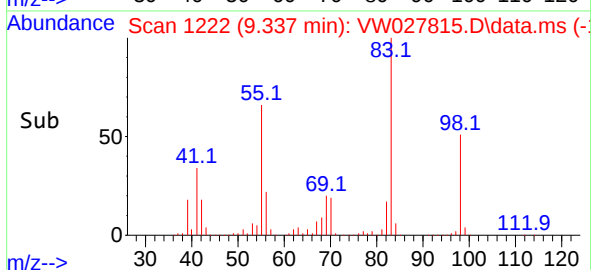
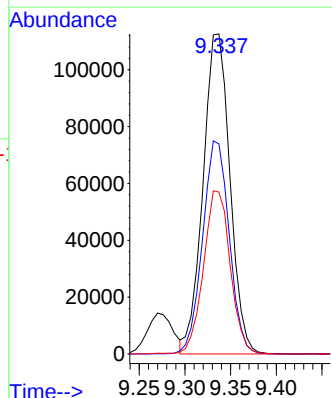
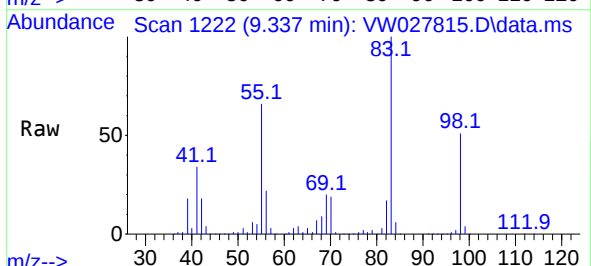
Tgt Ion: 83 Resp: 230443

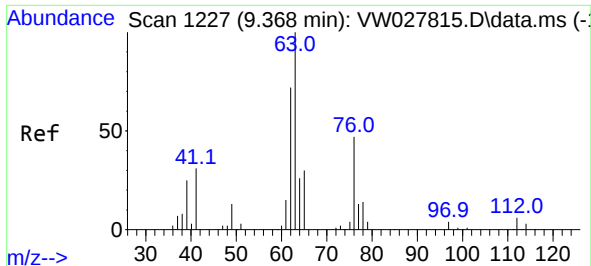
Ion Ratio Lower Upper

83 100

55 65.9 55.1 82.7

98 50.6 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.477 ug/L

RT: 9.368 min Scan# 110507

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

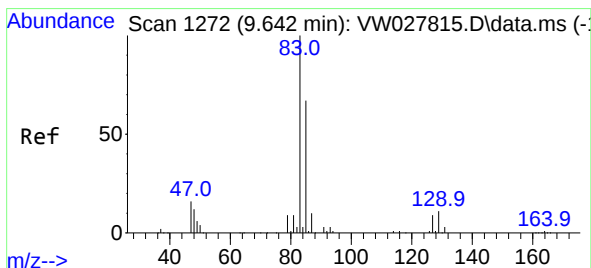
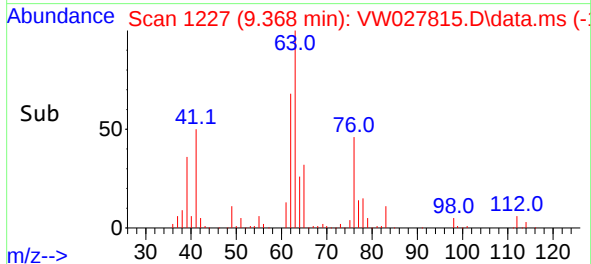
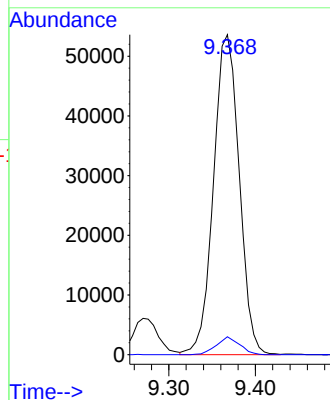
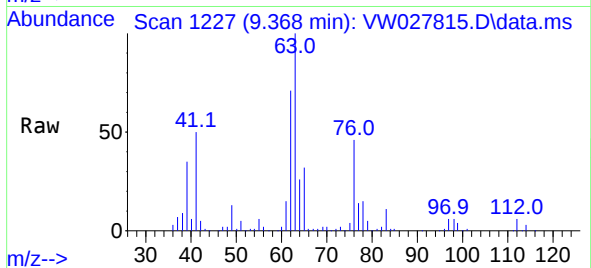
ClientSampleId :

Tgt Ion: 63 Resp: 110507

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 25.114 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

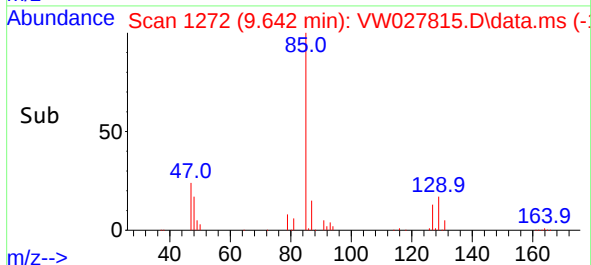
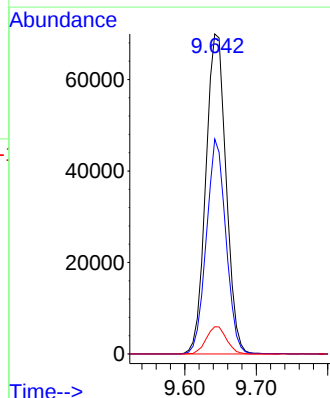
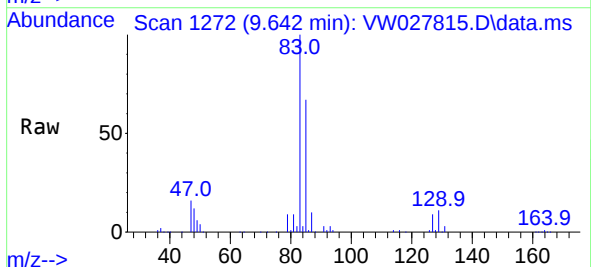
Tgt Ion: 83 Resp: 137815

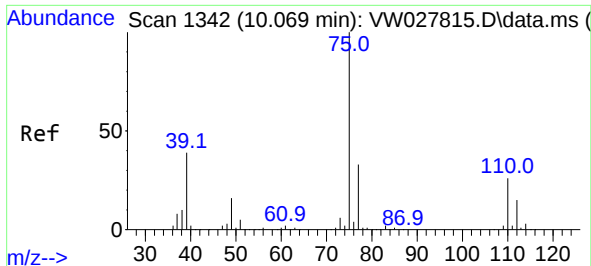
Ion Ratio Lower Upper

83 100

85 67.1 45.3 84.1

127 8.5 6.8 10.2

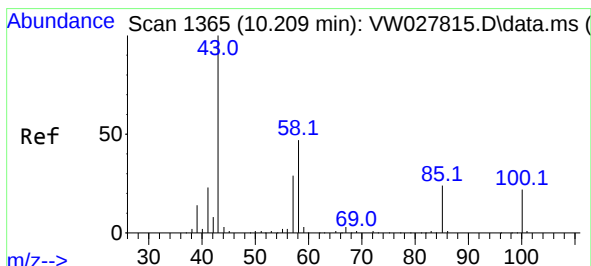
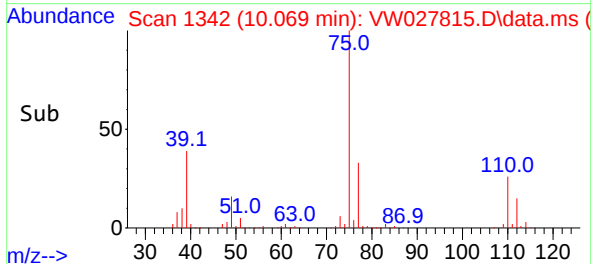
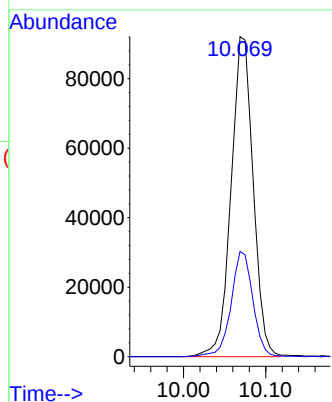
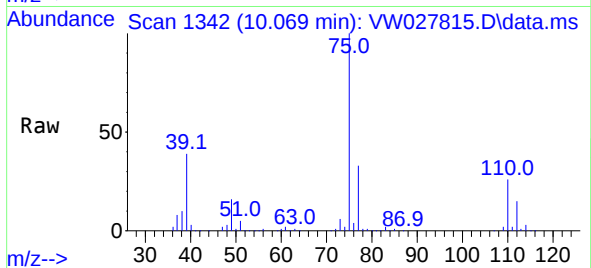




#39
cis-1,3-Dichloropropene
Concen: 24.974 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

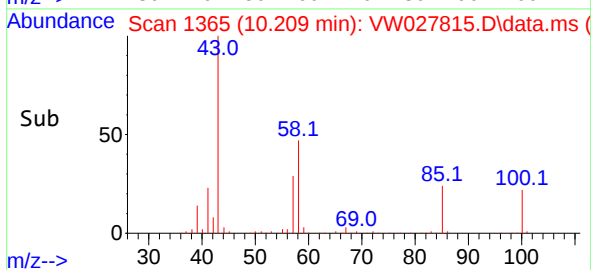
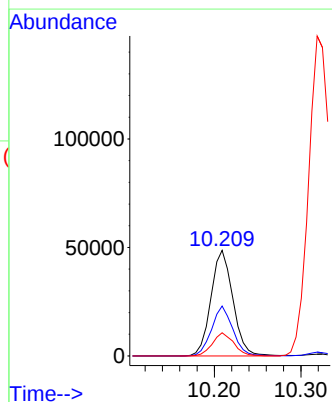
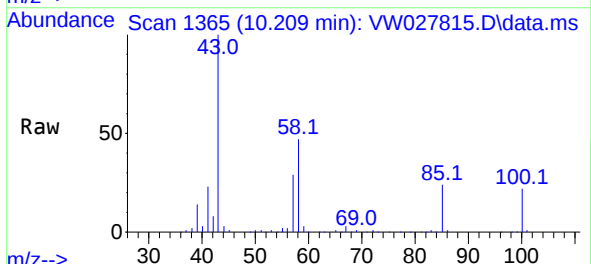
Instrument :
MSVOA_W
ClientSampleId :

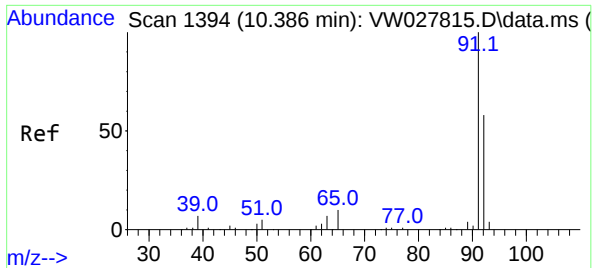
Tgt Ion: 75 Resp: 171854
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 43.471 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 43 Resp: 85779
Ion Ratio Lower Upper
43 100
58 45.9 36.1 54.1
100 21.5 15.8 23.8

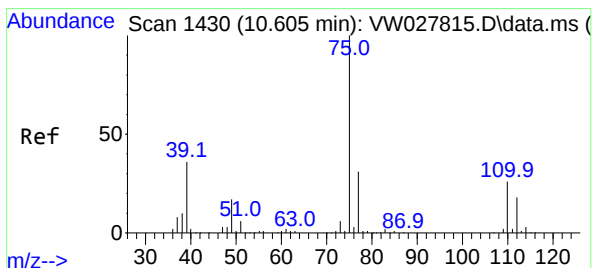
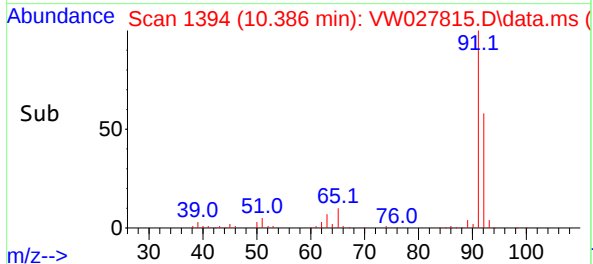
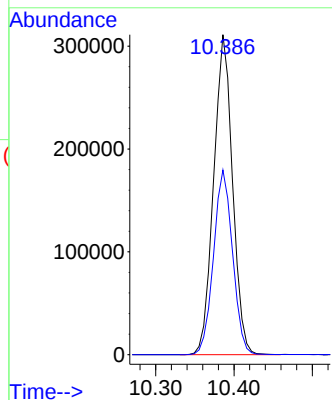
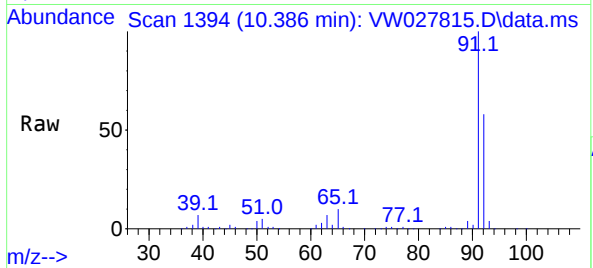




#42
Toluene
Concen: 25.895 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

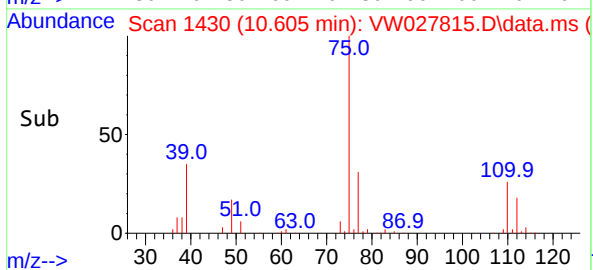
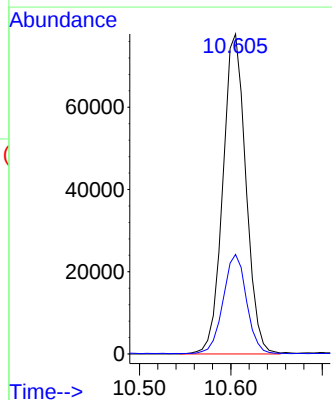
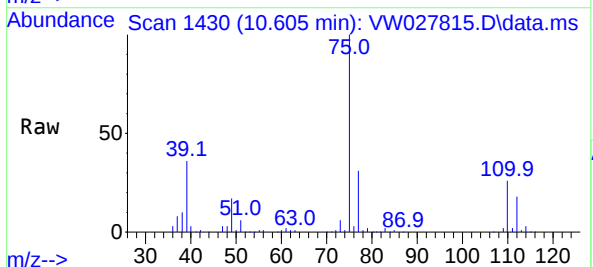
Instrument :
MSVOA_W
ClientSampleId :

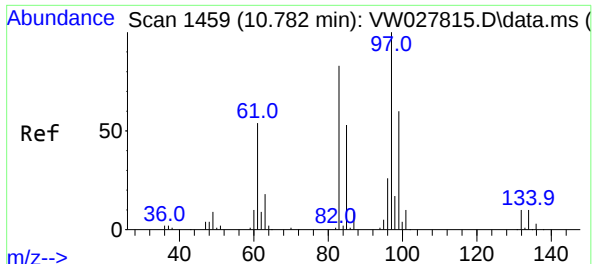
Tgt Ion: 91 Resp: 521105
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.170 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 75 Resp: 136392
Ion Ratio Lower Upper
75 100
77 31.1 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.146 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 84050

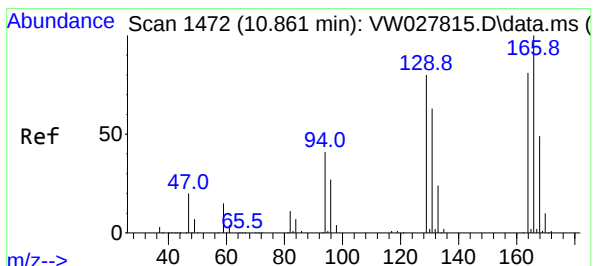
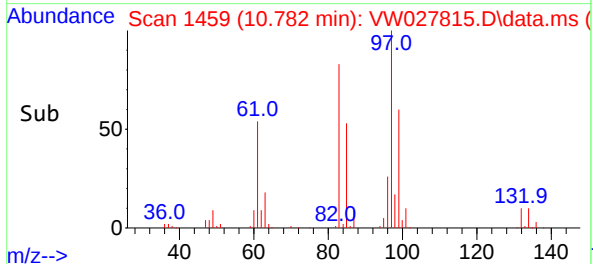
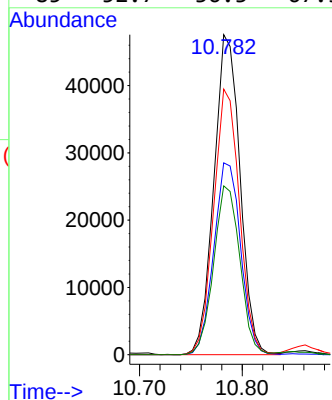
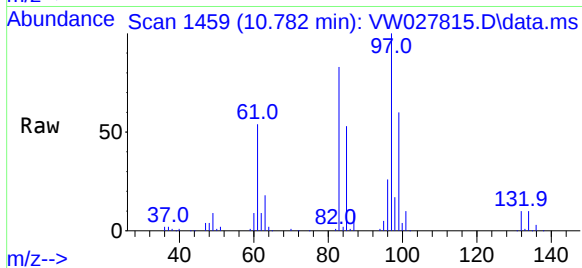
Ion Ratio Lower Upper

97 100

99 60.0 43.4 80.6

83 83.0 59.0 109.6

85 52.7 36.3 67.5



#46

Tetrachloroethene

Concen: 26.129 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Tgt Ion:164 Resp: 106368

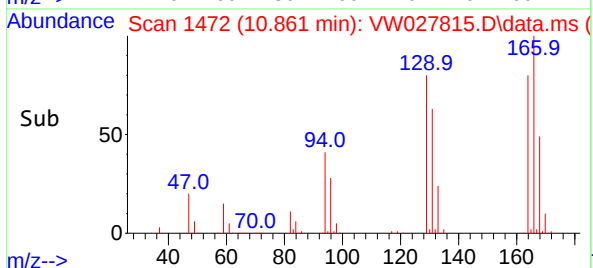
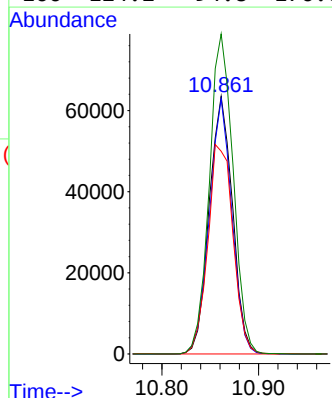
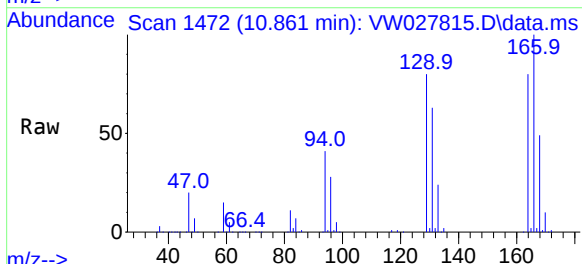
Ion Ratio Lower Upper

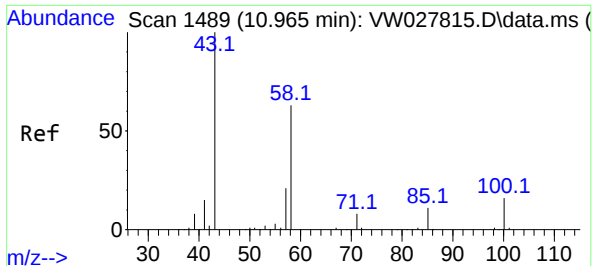
164 100

129 99.1 70.5 130.9

131 78.7 64.8 120.3

166 124.2 94.8 176.0

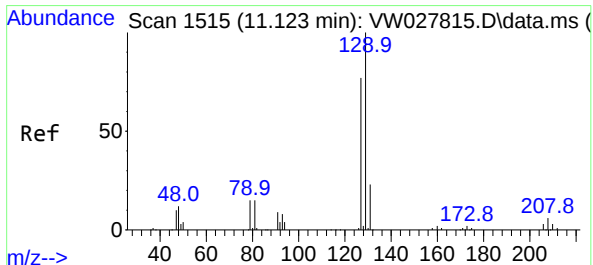
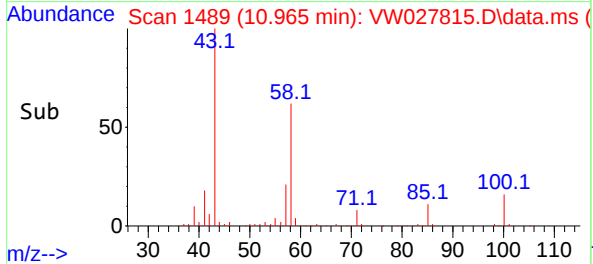
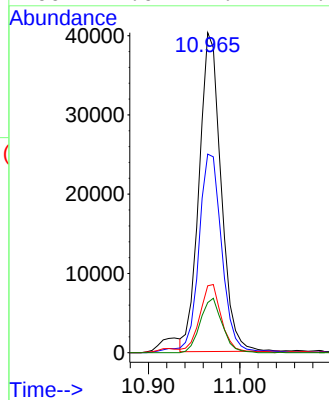
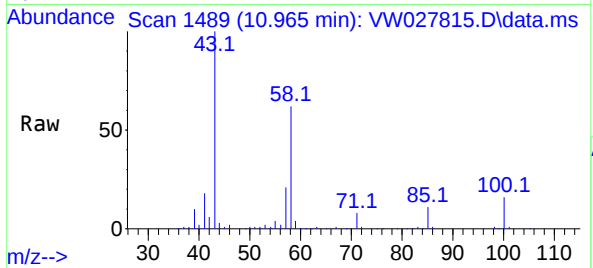




#48
2-Hexanone
Concen: 45.612 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

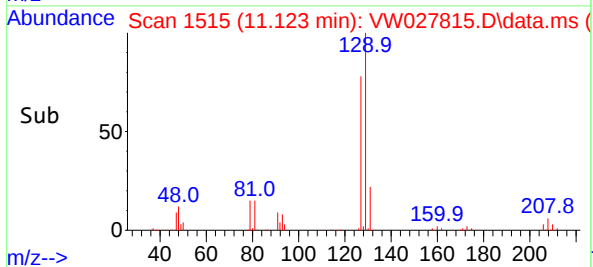
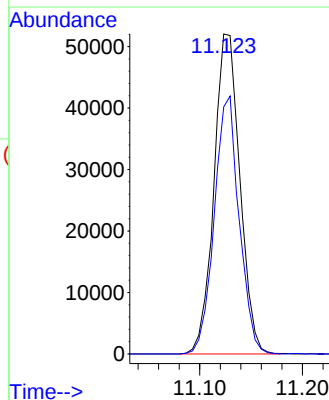
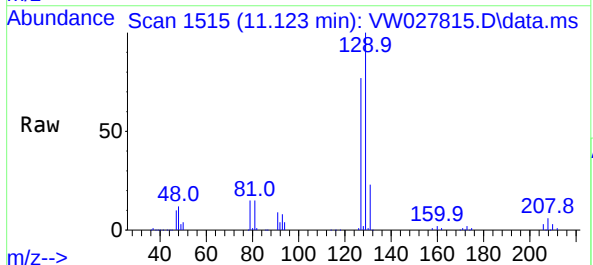
Instrument :
MSVOA_W
ClientSampleId :

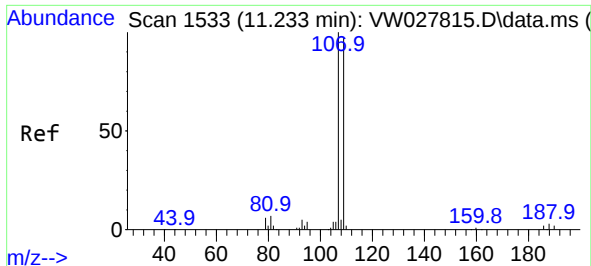
Tgt Ion:	43	Resp:	66991
Ion	Ratio	Lower	Upper
43	100		
58	63.5	50.4	75.6
57	21.5	17.0	25.6
100	17.0	11.9	17.9



#49
Dibromochloromethane
Concen: 26.073 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

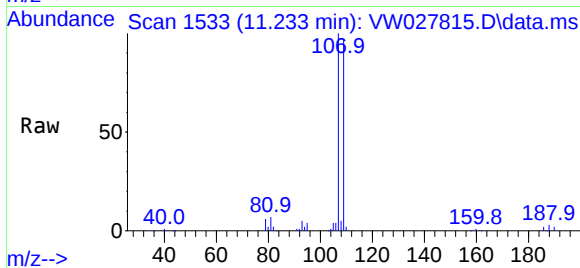
Tgt Ion:	129	Resp:	91150
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.4	102.8



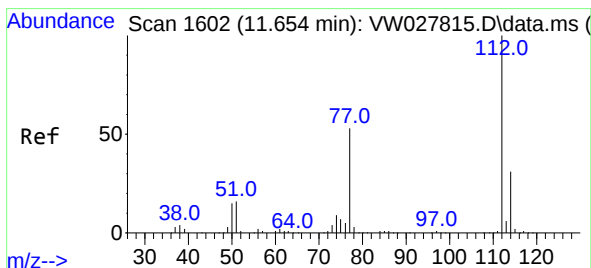
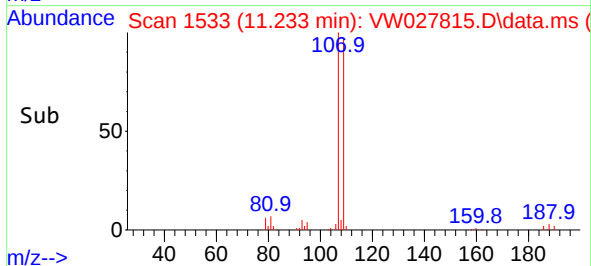
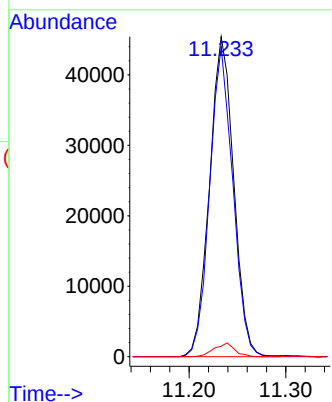


#50
1,2-Dibromoethane
Concen: 24.827 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

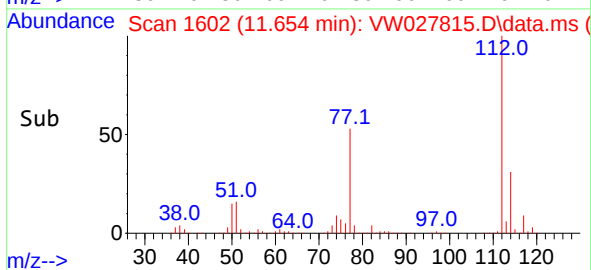
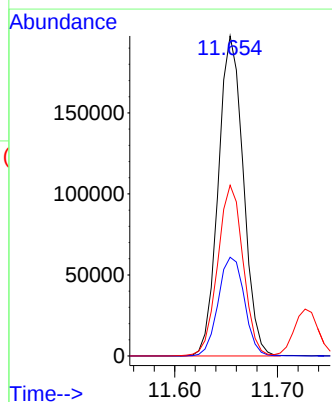
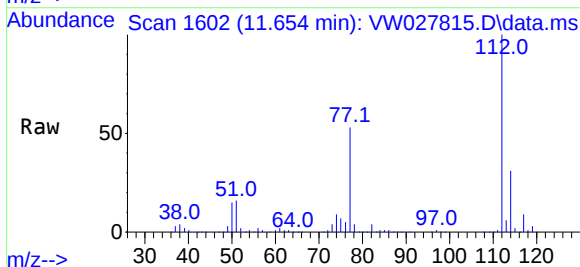


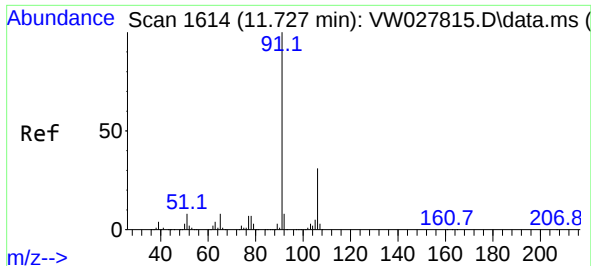
Tgt Ion:107 Resp: 78864
Ion Ratio Lower Upper
107 100
109 96.9 72.1 133.9
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 25.976 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

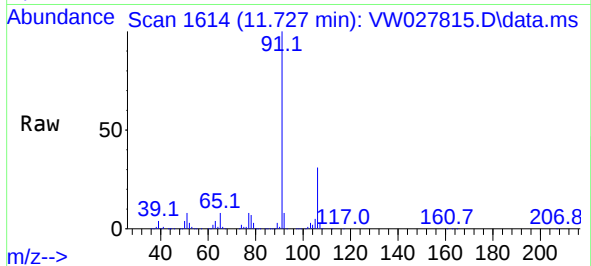
Tgt Ion:112 Resp: 333972
Ion Ratio Lower Upper
112 100
114 30.9 25.0 46.4
77 53.3 48.1 72.1



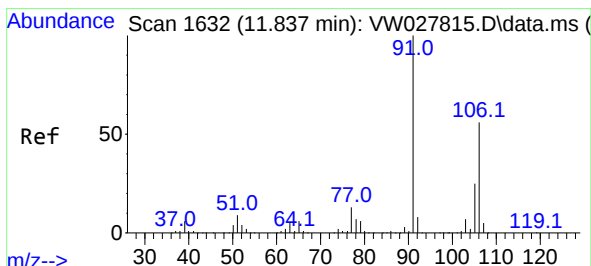
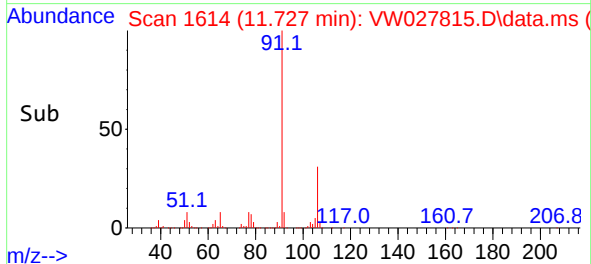
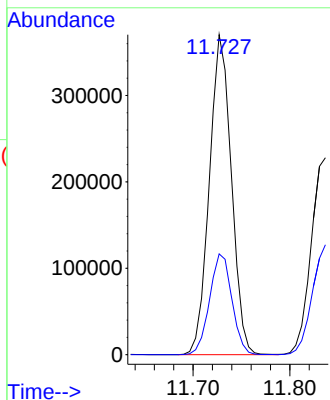


#52
Ethylbenzene
Concen: 25.830 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

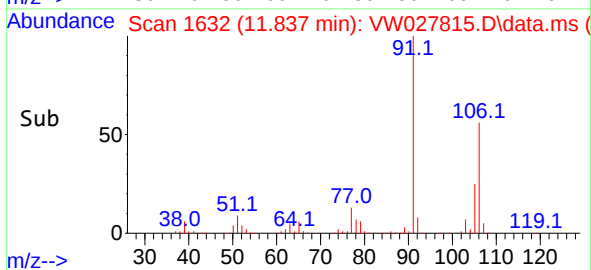
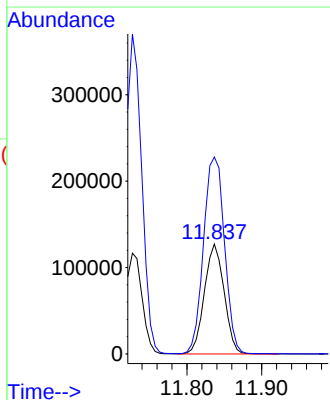
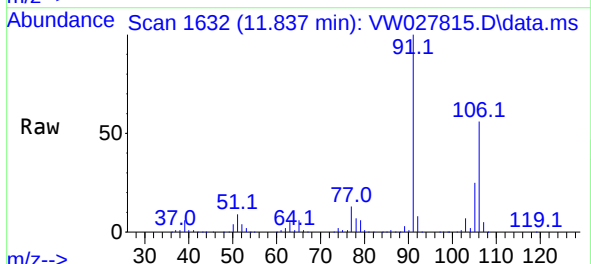


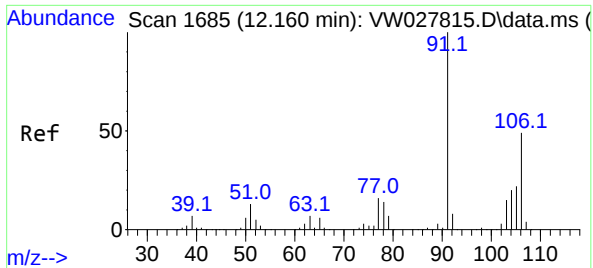
Tgt Ion: 91 Resp: 585730
Ion Ratio Lower Upper
91 100
106 31.5 23.7 44.1



#53
m,p-Xylene
Concen: 26.712 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 106 Resp: 232668
Ion Ratio Lower Upper
106 100
91 179.2 135.7 251.9

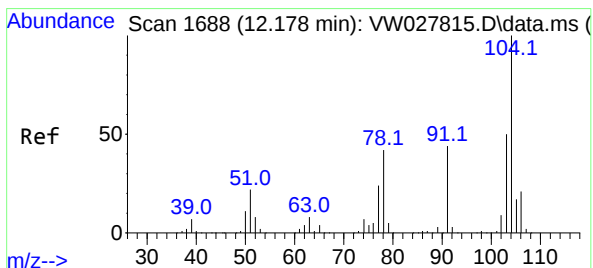
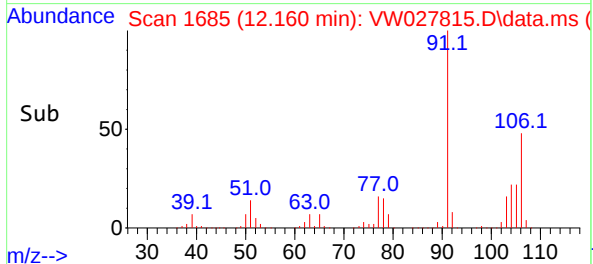
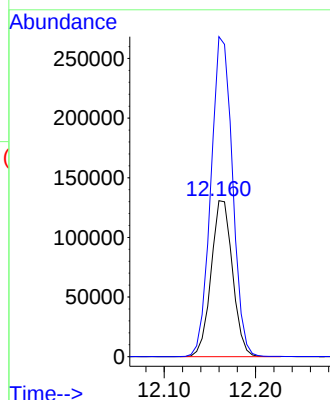
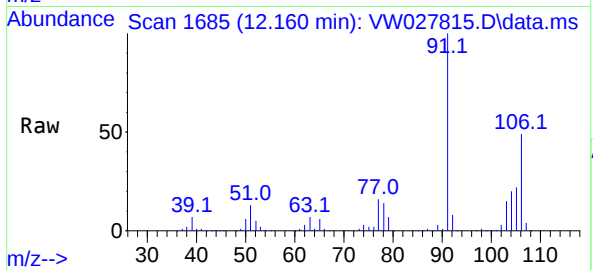




#54
o-Xylene
Concen: 26.216 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

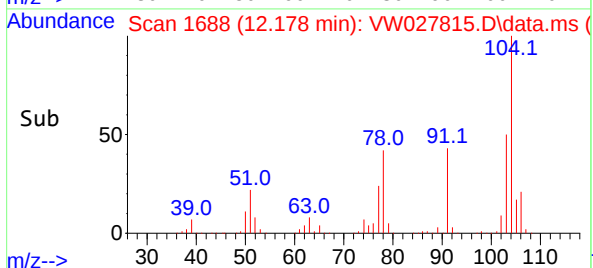
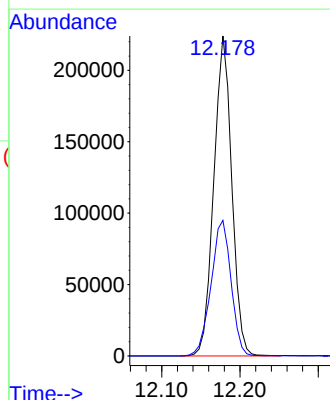
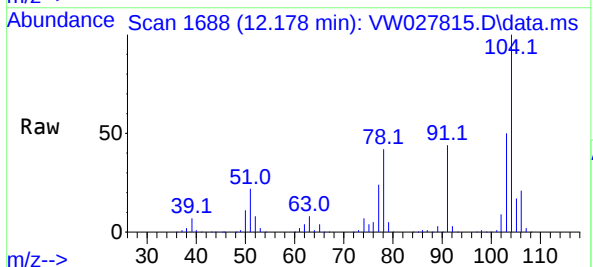
Instrument :
MSVOA_W
ClientSampleId :

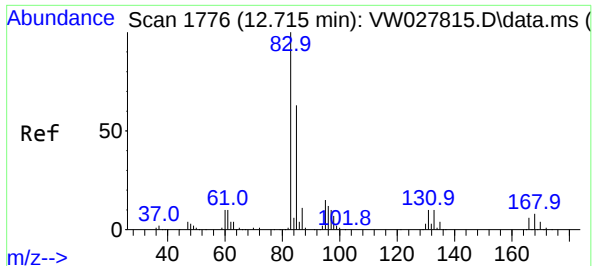
Tgt Ion:106 Resp: 212627
Ion Ratio Lower Upper
106 100
91 205.1 149.9 278.3



#55
Styrene
Concen: 26.124 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion:104 Resp: 357184
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0

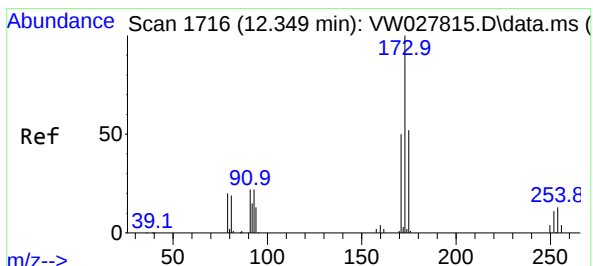
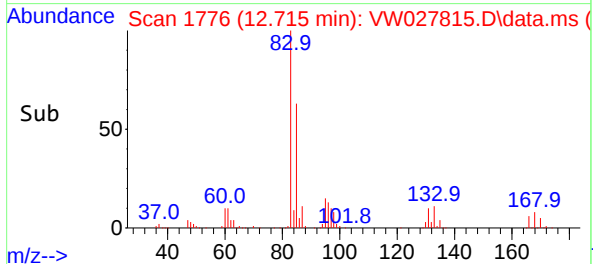
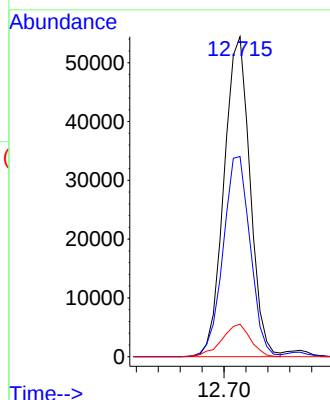
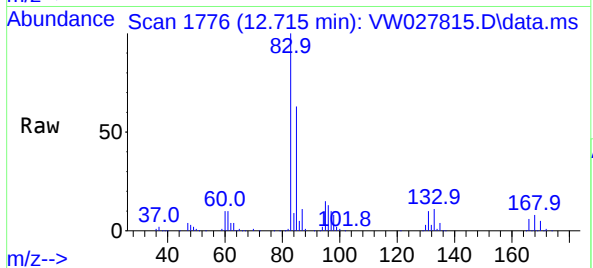




#57
1,1,2,2-Tetrachloroethane
Concen: 23.523 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

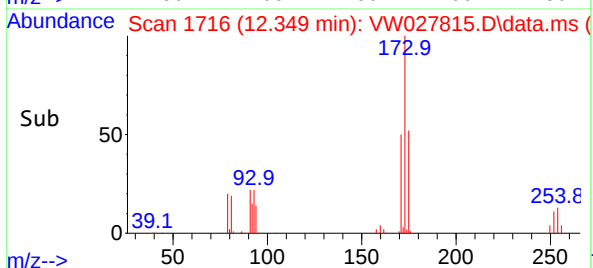
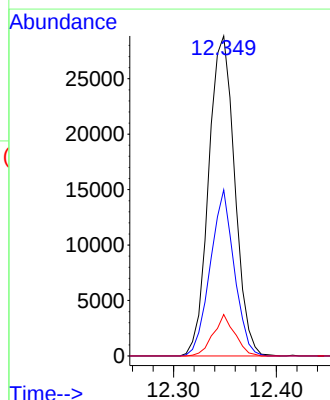
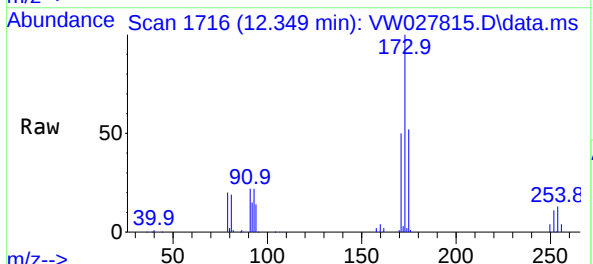
Instrument :
MSVOA_W
ClientSampleId :

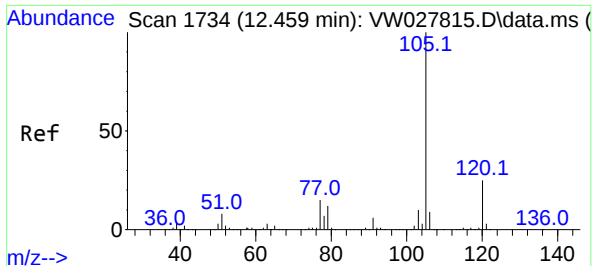
Tgt Ion: 83 Resp: 89627
Ion Ratio Lower Upper
83 100
85 62.5 45.8 85.2
131 10.2 7.0 10.6



#59
Bromoform
Concen: 24.040 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

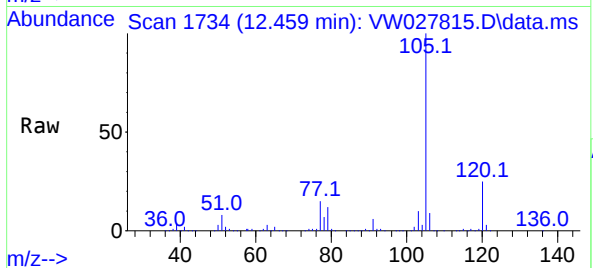
Tgt Ion:173 Resp: 50802
Ion Ratio Lower Upper
173 100
175 47.7 36.3 54.5
254 10.7 7.5 11.3



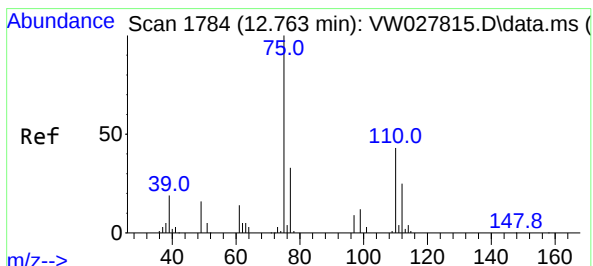
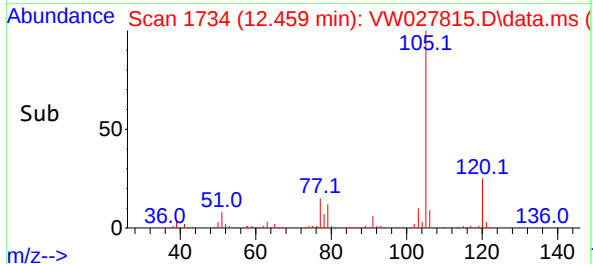
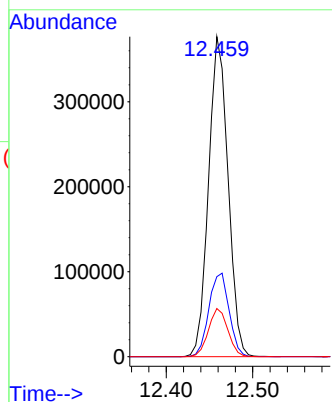


#60
Isopropylbenzene
Concen: 24.138 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

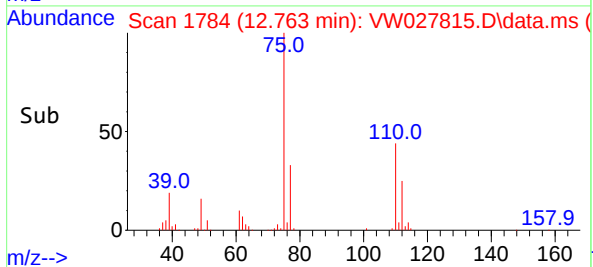
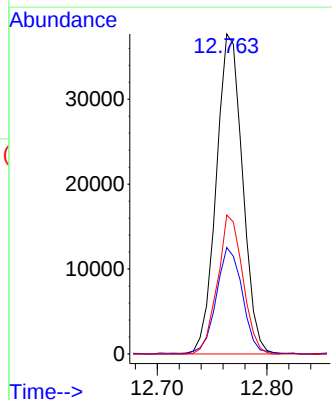
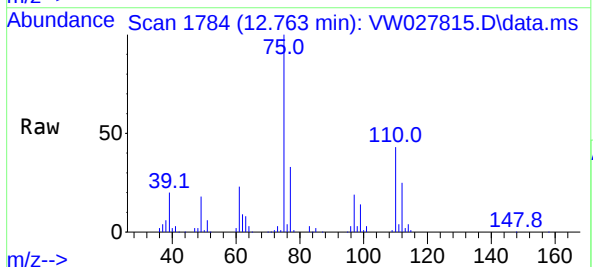


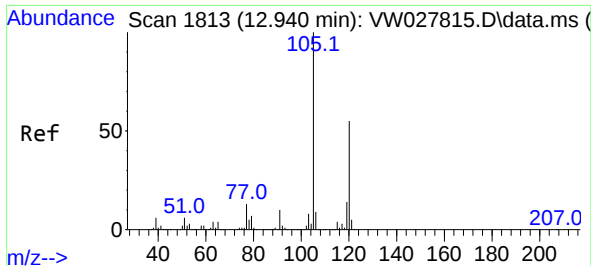
Tgt Ion:105 Resp: 588140
Ion Ratio Lower Upper
105 100
120 27.1 21.0 31.4
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.820 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion: 75 Resp: 62783
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.4
110 41.6 32.2 48.2

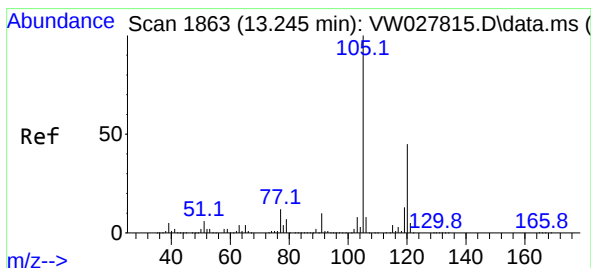
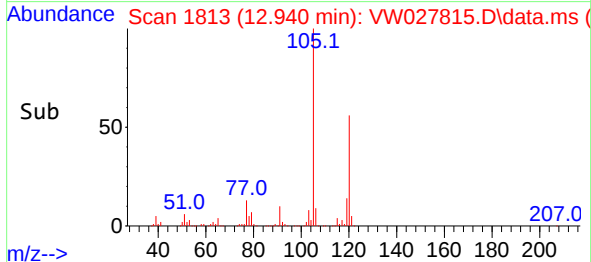
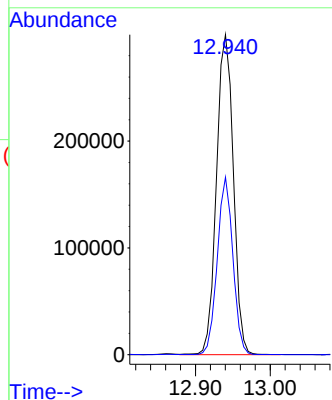
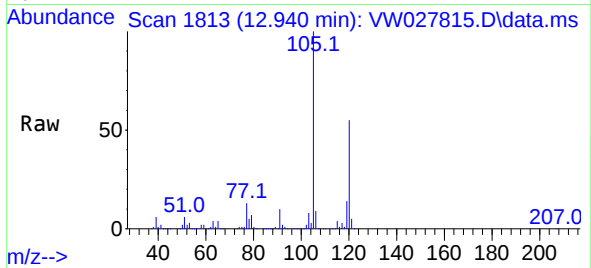




#62
1,3,5-Trimethylbenzene
Concen: 24.164 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

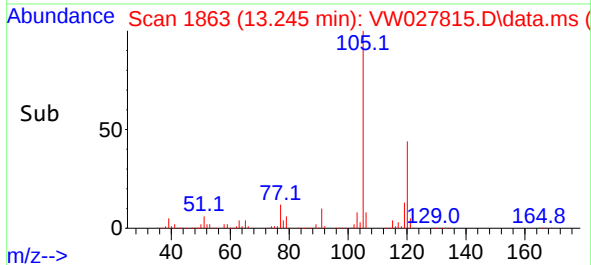
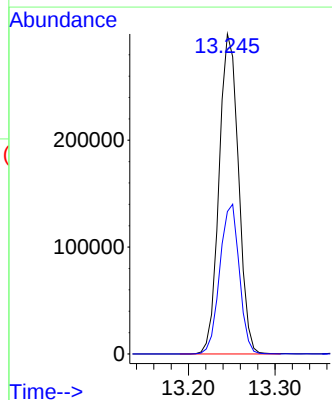
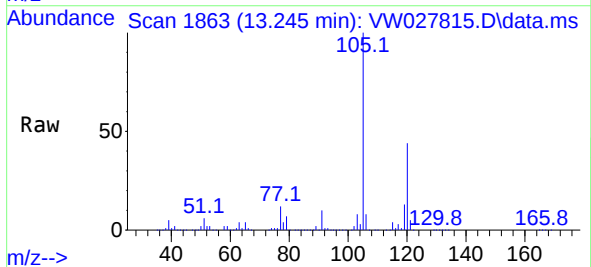
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 470660
Ion Ratio Lower Upper
105 100
120 51.3 40.0 60.0

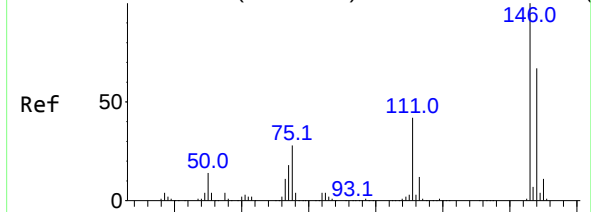


#63
1,2,4-Trimethylbenzene
Concen: 24.349 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion:105 Resp: 466834
Ion Ratio Lower Upper
105 100
120 46.8 36.4 54.6

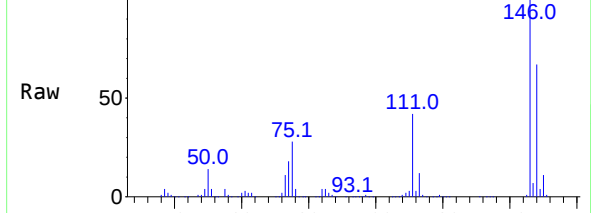


Abundance Scan 1904 (13.495 min): VW027815.D\data.ms (



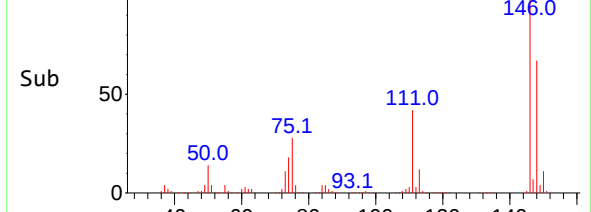
m/z-->

Abundance Scan 1904 (13.495 min): VW027815.D\data.ms



m/z-->

Abundance Scan 1904 (13.495 min): VW027815.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 24.269 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 255524

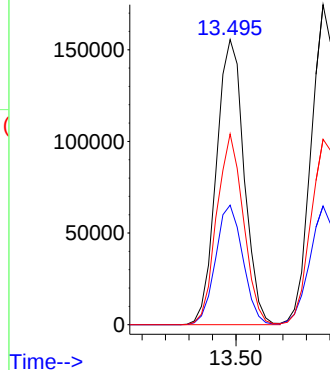
Ion Ratio Lower Upper

146 100

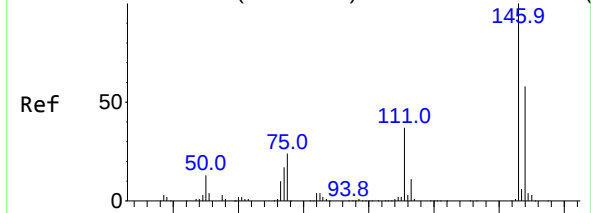
111 41.9 31.1 57.7

148 66.9 52.6 97.8

Abundance

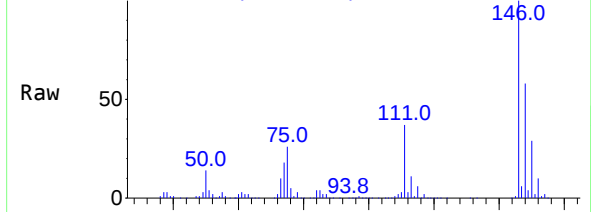


Abundance Scan 1917 (13.574 min): VW027815.D\data.ms (



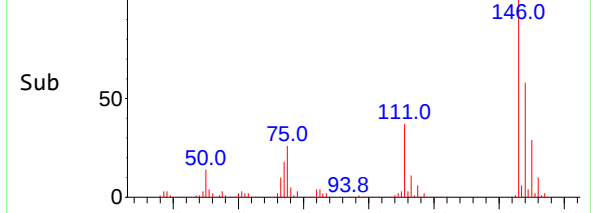
m/z-->

Abundance Scan 1917 (13.574 min): VW027815.D\data.ms



m/z-->

Abundance Scan 1917 (13.574 min): VW027815.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 25.335 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Tgt Ion:146 Resp: 267943

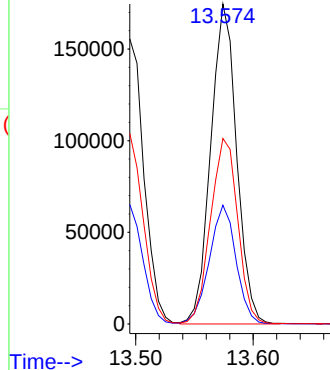
Ion Ratio Lower Upper

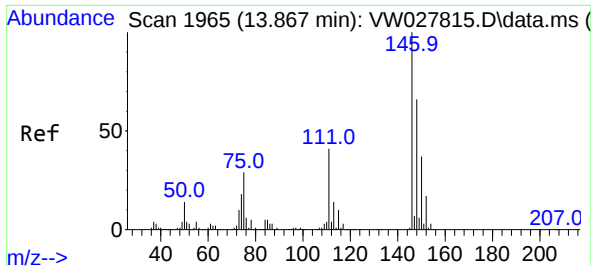
146 100

111 37.1 26.2 48.6

148 57.9 46.3 85.9

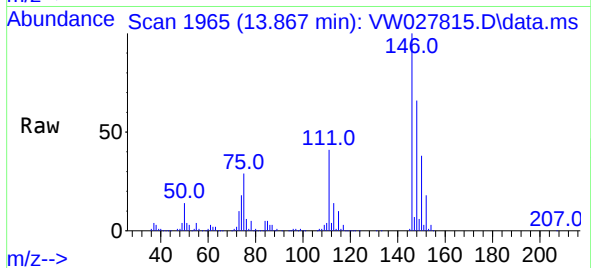
Abundance



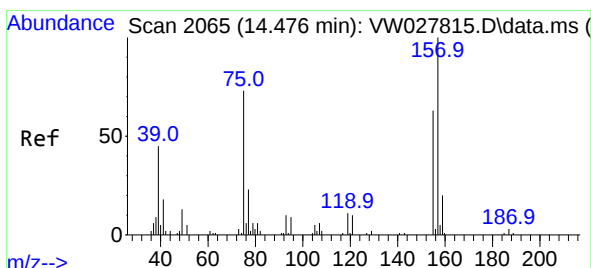
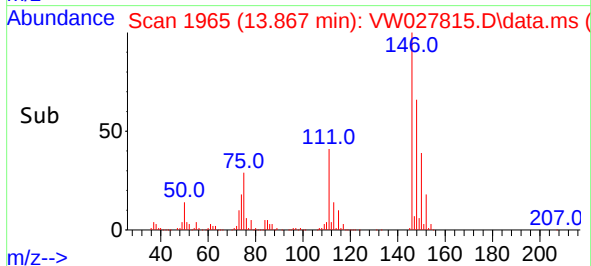
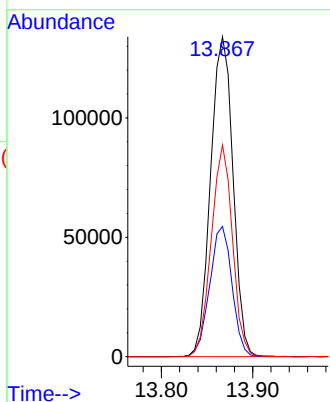


#67
1,2-Dichlorobenzene
Concen: 24.964 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :

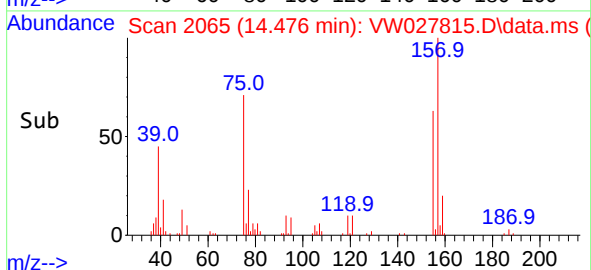
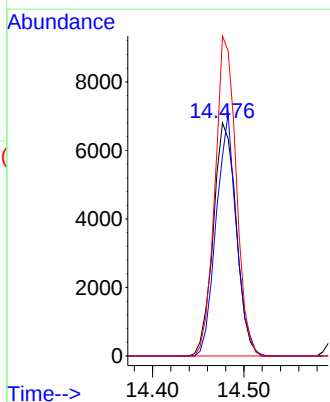
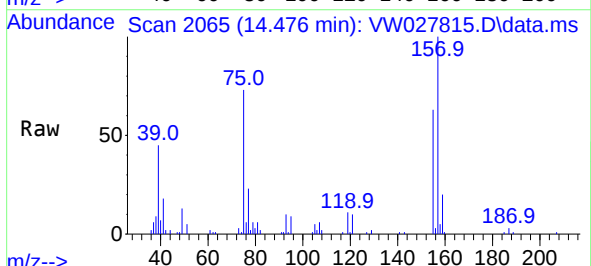


Tgt Ion:146 Resp: 228566
Ion Ratio Lower Upper
146 100
111 40.7 32.1 48.1
148 66.2 53.0 79.4

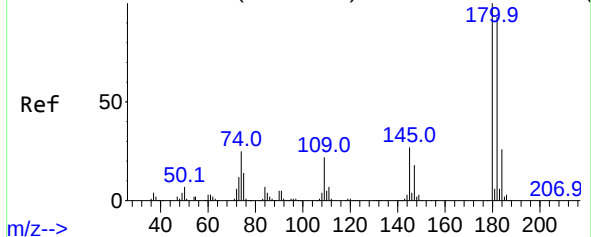


#68
1,2-Dibromo-3-chloropropane
Concen: 20.652 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

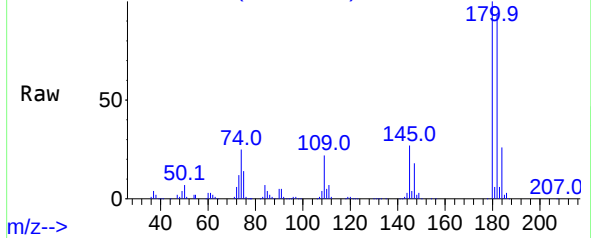
Tgt Ion: 75 Resp: 11871
Ion Ratio Lower Upper
75 100
155 85.8 59.8 89.6
157 137.2 87.5 131.3#



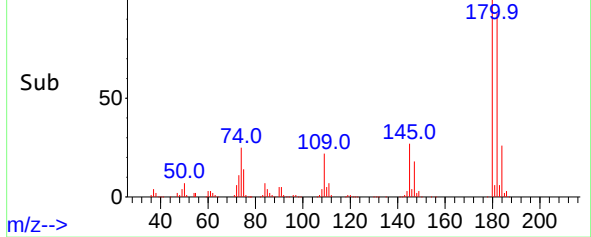
Abundance Scan 2089 (14.623 min): VW027815.D\data.ms (



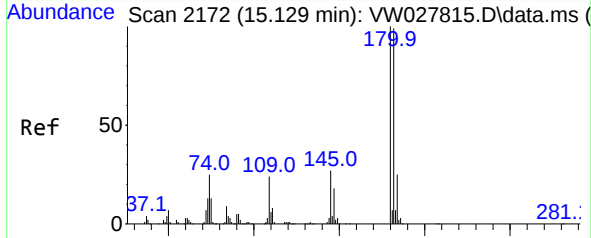
m/z--> Scan 2089 (14.623 min): VW027815.D\data.ms



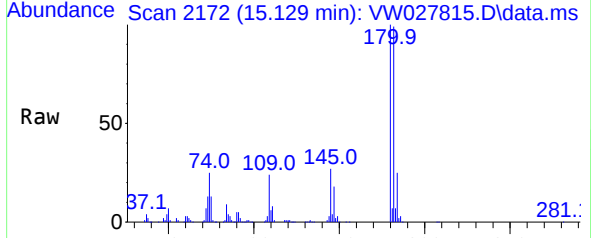
Abundance Scan 2089 (14.623 min): VW027815.D\data.ms (



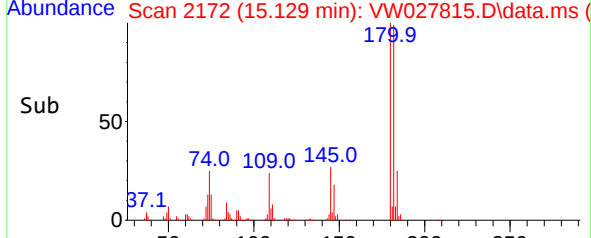
m/z--> Scan 2089 (14.623 min): VW027815.D\data.ms (



m/z--> Scan 2172 (15.129 min): VW027815.D\data.ms



Abundance Scan 2172 (15.129 min): VW027815.D\data.ms (



m/z--> Scan 2172 (15.129 min): VW027815.D\data.ms (

#69

1,3,5-Trichlorobenzene

Concen: 24.497 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 179464

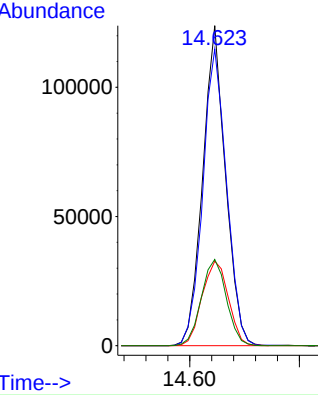
Ion Ratio Lower Upper

180 100

182 96.5 72.6 109.0

184 30.3 23.0 34.6

145 29.6 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 24.176 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027815.D

Acq: 21 Dec 2023 09:23

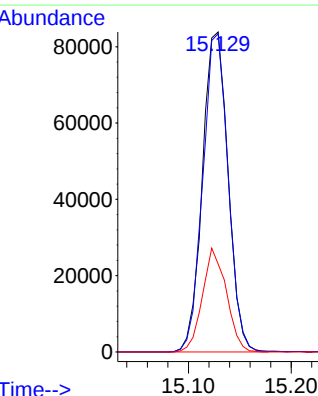
Tgt Ion:180 Resp: 145450

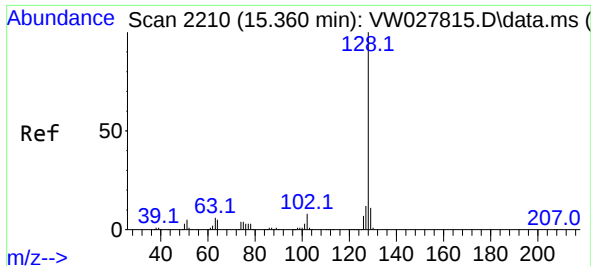
Ion Ratio Lower Upper

180 100

182 97.8 69.7 104.5

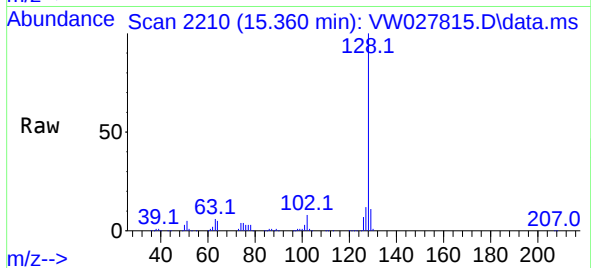
145 30.3 24.1 36.1



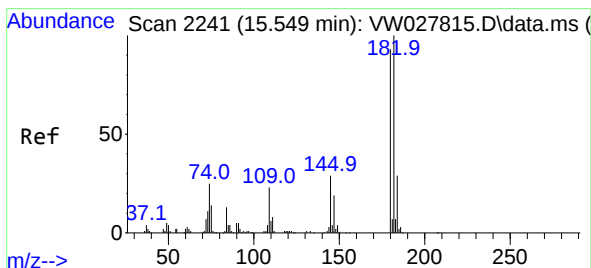
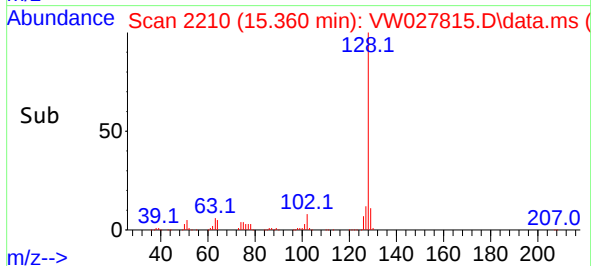
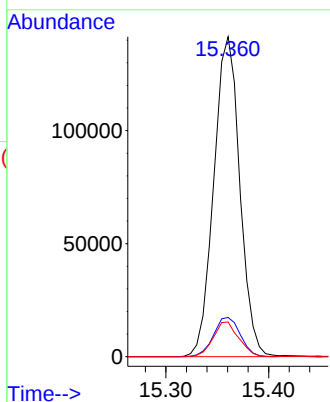


#71
Naphthalene
Concen: 23.312 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.006 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 248543
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.362 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027815.D
Acq: 21 Dec 2023 09:23

Tgt Ion:180 Resp: 122548
Ion Ratio Lower Upper
180 100
182 98.8 75.5 113.3
145 31.6 25.0 37.6

