

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
 Data File : VW027519.D
 Acq On : 02 Nov 2023 14:35
 Operator : SY/MD
 Sample : 05205-05REMS
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 22:08:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 22:07:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	472448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	449061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	246633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111368	15.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
7) Chloroethane-d5	2.899	69	101822	19.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.680%
11) 1,1-Dichloroethene-d2	4.021	65	58652	16.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.920%
21) 2-Butanone-d5	7.081	46	129160	53.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.780%
24) Chloroform-d	7.654	84	317095	22.519	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.080%
26) 1,2-Dichloroethane-d4	8.307	65	171814	22.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.840%
32) Benzene-d6	8.276	84	573799	18.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.560%
36) 1,2-Dichloropropane-d6	9.276	67	202193	21.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.325	98	500644	18.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.680%
43) trans-1,3-Dichloroprop...	10.581	79	77998	18.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.720%
47) 2-Hexanone-d5	10.922	63	103605	53.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193120	27.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	188025	21.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	104463	18.583	ug/L	# 74
3) Chloromethane	2.222	50	149579	23.154	ug/L	98
5) Vinyl chloride	2.375	62	171766	23.803	ug/L	99
6) Bromomethane	2.789	94	94591	23.014	ug/L	93
8) Chloroethane	2.936	64	104874	25.248	ug/L	99
9) Trichlorofluoromethane	3.271	101	141924	27.878	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	156705	24.582	ug/L	93
12) 1,1-Dichloroethene	4.045	96	145600	23.502	ug/L	80
13) Acetone	4.137	43	70392	34.007	ug/L	99
14) Carbon disulfide	4.387	76	363861	18.946	ug/L	99
15) Methyl Acetate	4.679	43	86102	24.355	ug/L	98
16) Methylene chloride	4.923	84	176473	20.406	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	155994	23.429	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	310968	27.071	ug/L	99
19) 1,1-Dichloroethane	6.222	63	360094	26.508	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	191515	25.471	ug/L	98
22) 2-Butanone	7.173	43	118272	38.174	ug/L	99
23) Bromochloromethane	7.514	128	79270	25.536	ug/L	91
25) Chloroform	7.679	83	343757	27.038	ug/L	96

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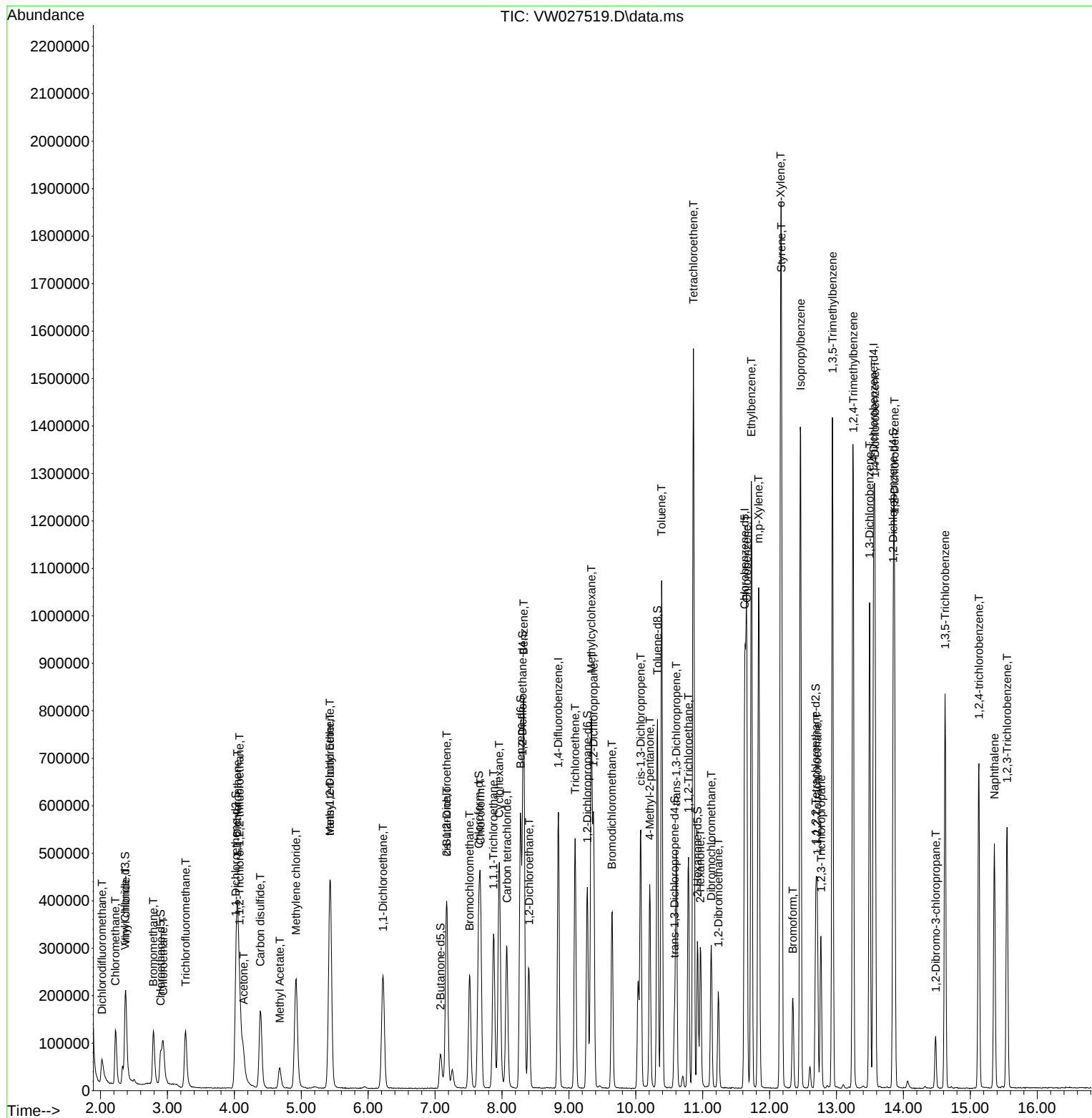
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	231967	26.859	ug/L	99
29) Cyclohexane	7.959	56	290240	21.287	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	266524	24.331	ug/L	98
31) Carbon tetrachloride	8.075	117	223076	22.585	ug/L	100
33) Benzene	8.325	78	713217	24.302	ug/L	100
34) Trichloroethene	9.093	95	186429	24.049	ug/L	96
35) Methylcyclohexane	9.337	83	303819	21.916	ug/L	100
37) 1,2-Dichloropropane	9.367	63	210704	26.553	ug/L	99
38) Bromodichloromethane	9.642	83	251233	25.748	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	324590	24.762	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	297189	54.458	ug/L	98
42) Toluene	10.386	91	766288	24.890	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	267546	24.190	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	149172	27.318	ug/L	95
46) Tetrachloroethene	10.861	164	322841	60.312	ug/L	97
48) 2-Hexanone	10.965	43	198700	49.194	ug/L	99
49) Dibromochloromethane	11.129	129	154006	25.395	ug/L	92
50) 1,2-Dibromoethane	11.233	107	133130	25.146	ug/L	96
51) Chlorobenzene	11.660	112	491397	25.489	ug/L	93
52) Ethylbenzene	11.727	91	887941	24.819	ug/L	100
53) m,p-Xylene	11.836	106	330274	24.340	ug/L	99
54) o-Xylene	12.166	106	317897	24.465	ug/L	90
55) Styrene	12.178	104	554503	24.986	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	191101	28.668	ug/L	100
59) Bromoform	12.349	173	83481	22.747	ug/L	97
60) Isopropylbenzene	12.464	105	918928	23.718	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	137206	25.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	727807	22.520	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	734316	23.222	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	389258	24.775	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	385415	24.564	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	351199	25.190	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	28359	21.071	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	228710	22.424	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	199095	22.934	ug/L	99
71) Naphthalene	15.360	128	416135	23.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	172667	24.189	ug/L	94

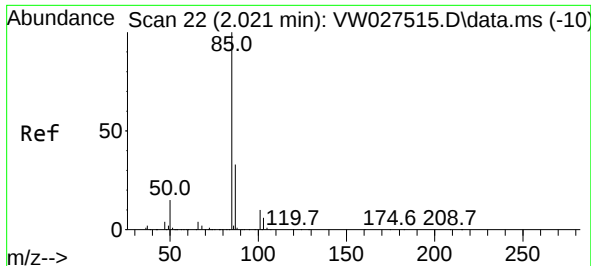
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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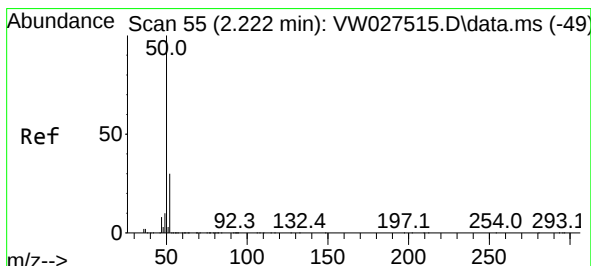
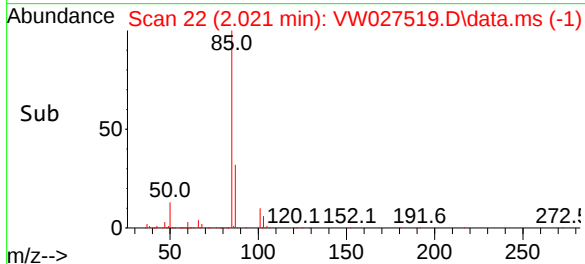
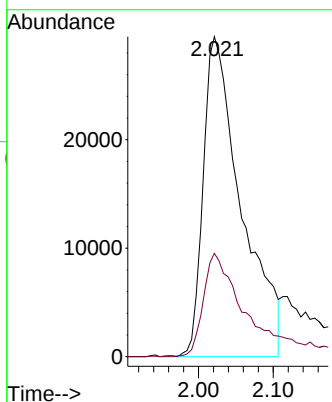
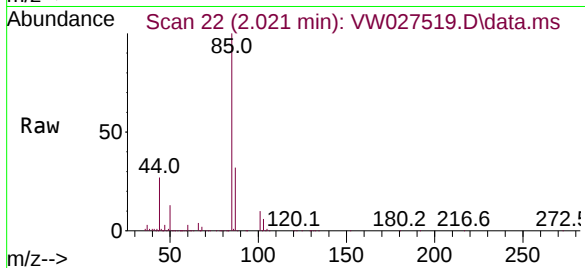




#2
 Dichlorodifluoromethane
 Concen: 18.583 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

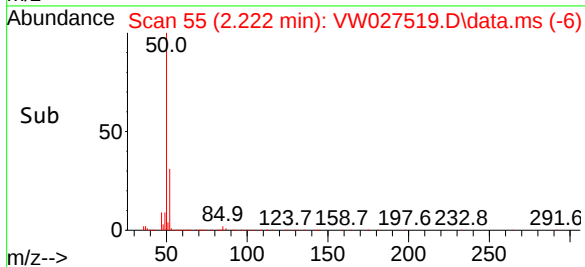
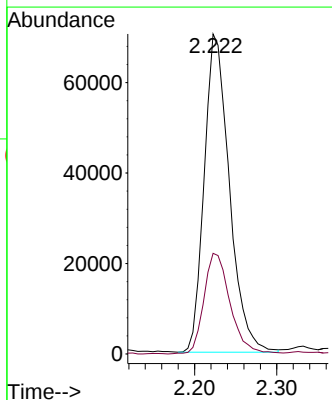
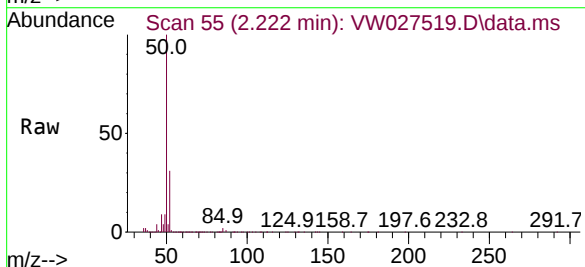
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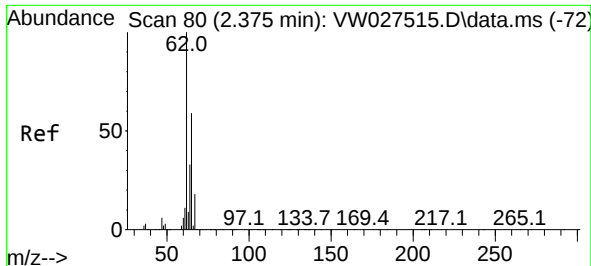
Tgt Ion: 85 Resp: 104463
 Ion Ratio Lower Upper
 85 100
 87 35.5 18.3 27.5#



#3
 Chloromethane
 Concen: 23.154 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

Tgt Ion: 50 Resp: 149579
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.3

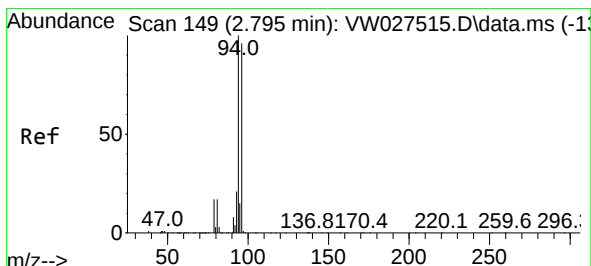
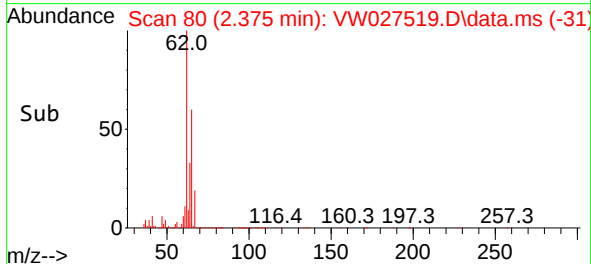
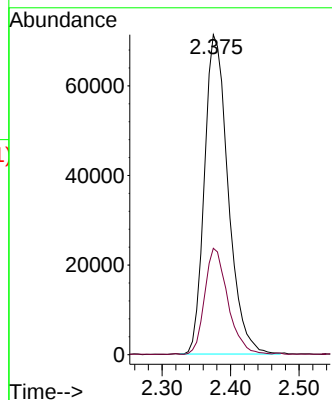
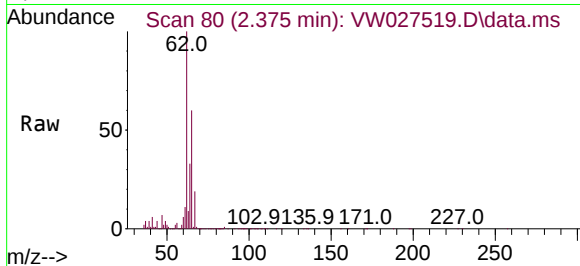




#5
 Vinyl chloride
 Concen: 23.803 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

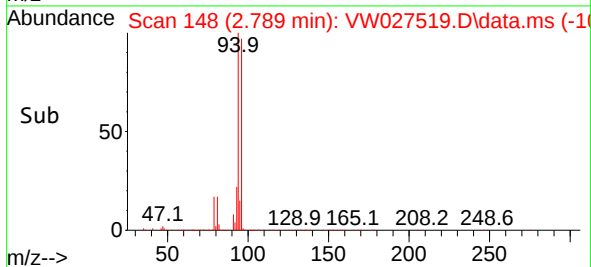
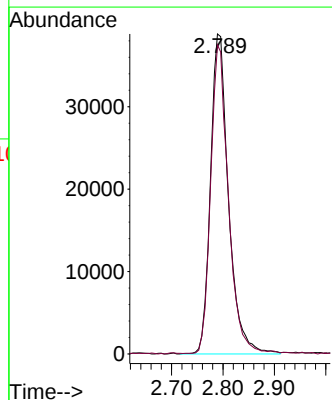
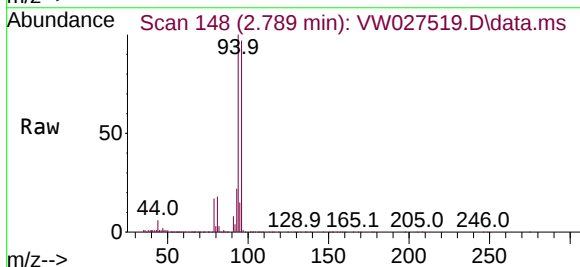
Instrument :
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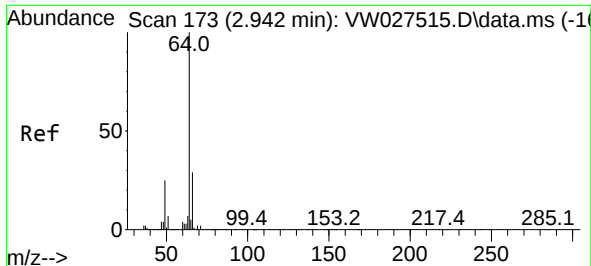
Tgt Ion: 62 Resp: 171766
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.8 44.2



#6
 Bromomethane
 Concen: 23.014 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

Tgt Ion: 94 Resp: 94591
 Ion Ratio Lower Upper
 94 100
 96 96.6 62.9 116.9

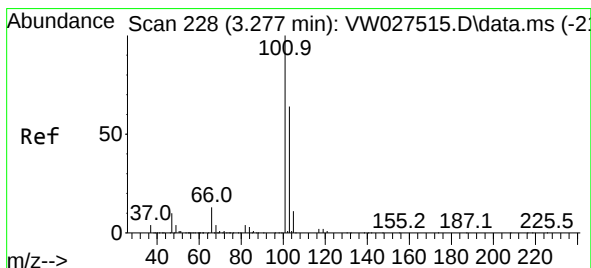
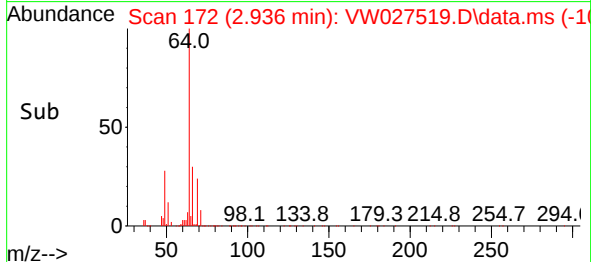
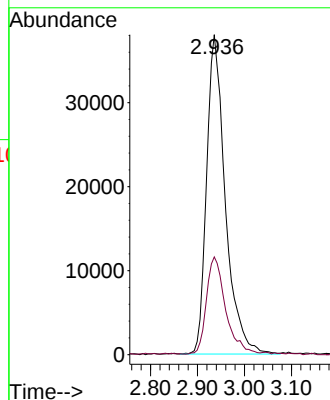
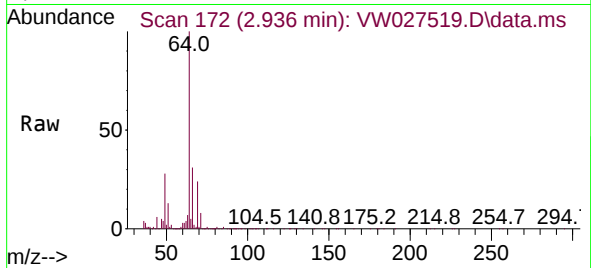




#8
Chloroethane
Concen: 25.248 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

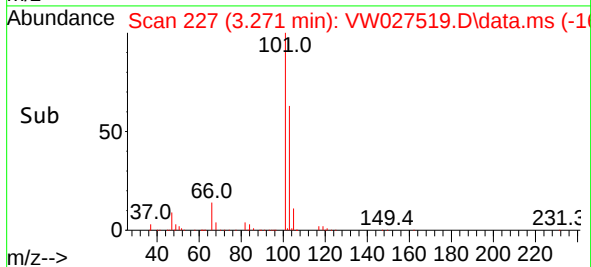
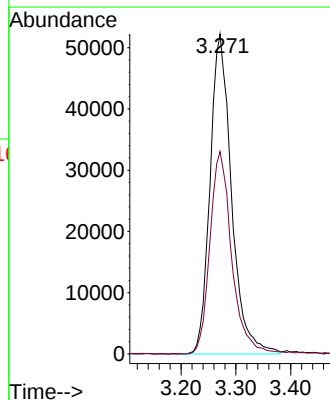
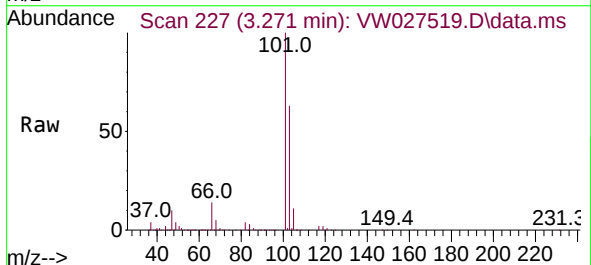
Instrument :
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ClientSampleId :

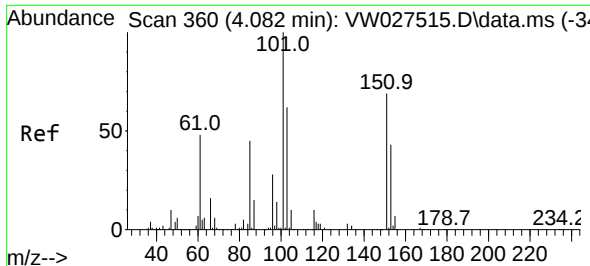
Tgt Ion: 64 Resp: 104874
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.878 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 101 Resp: 141924
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

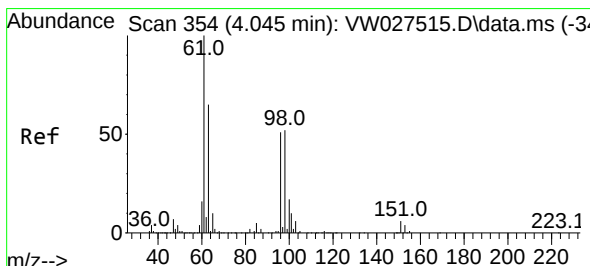
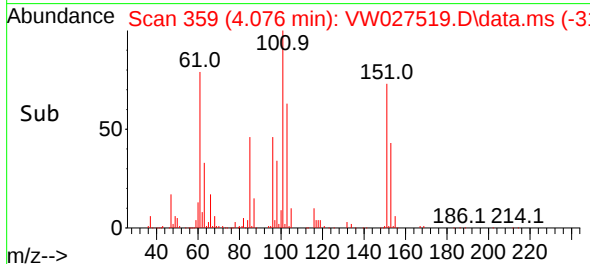
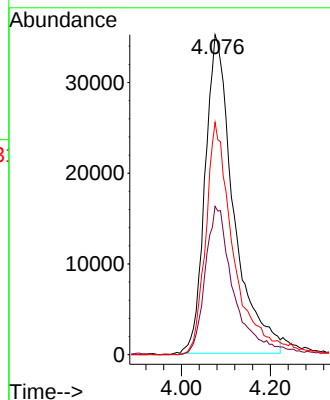
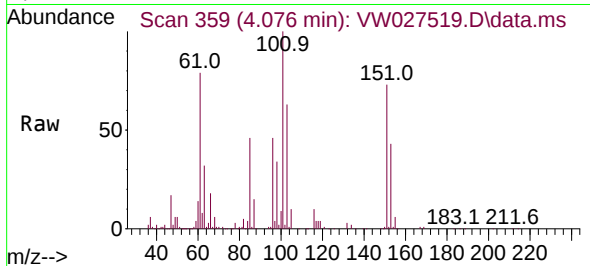




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.582 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

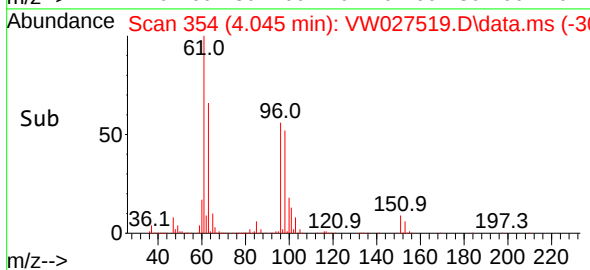
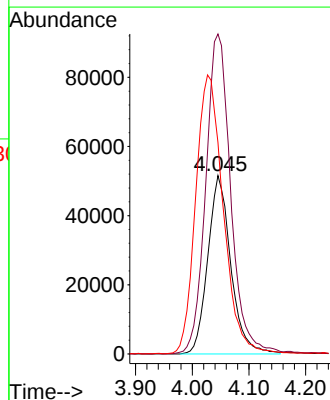
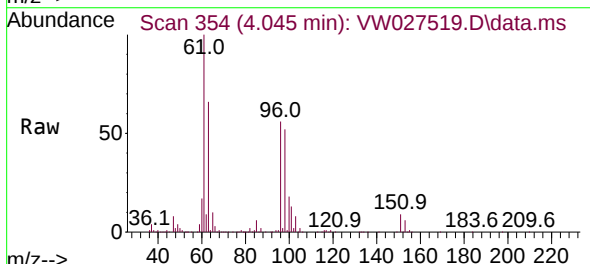
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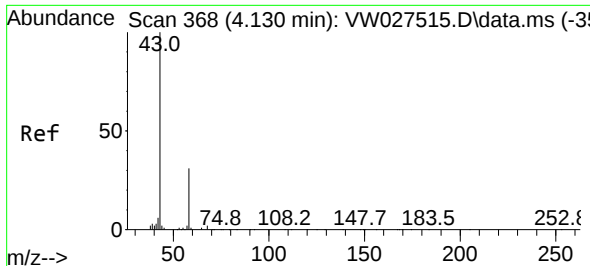
Tgt Ion:101 Resp: 156705
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.1 51.1
 151 69.3 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 23.502 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 145600
 Ion Ratio Lower Upper
 96 100
 61 179.3 133.3 247.5
 63 118.5 115.8 215.2

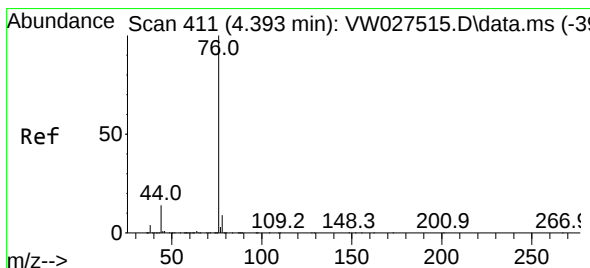
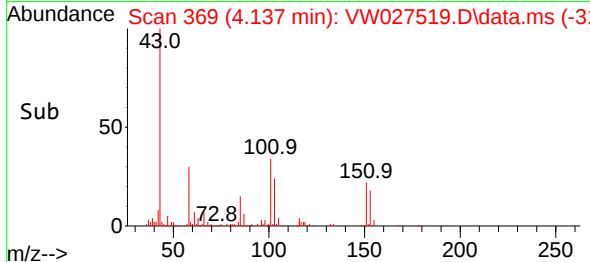
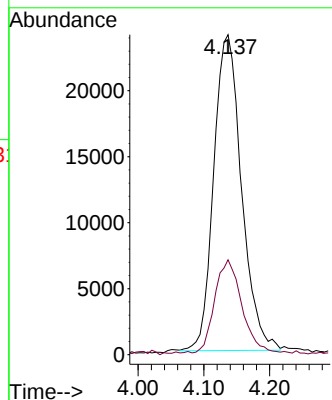
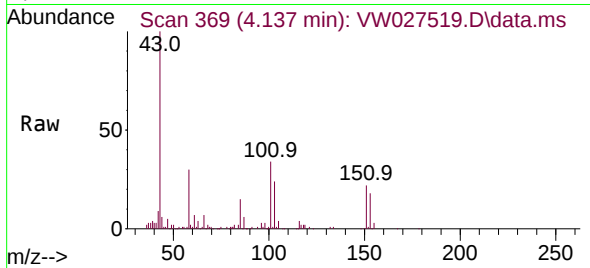




#13
Acetone
Concen: 34.007 ug/L
RT: 4.137 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027519.D
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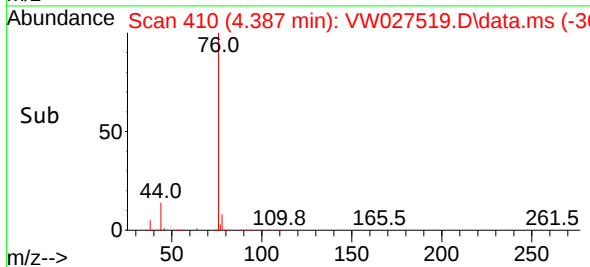
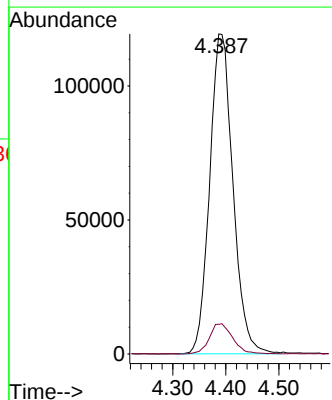
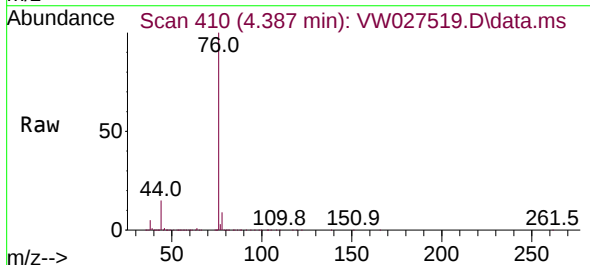
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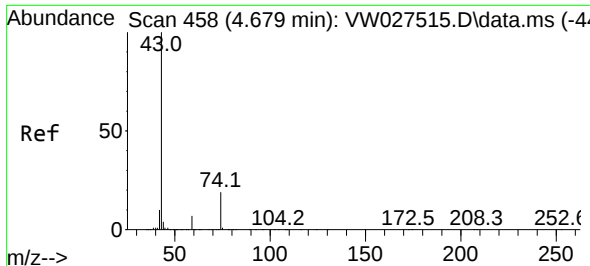
Tgt Ion: 43 Resp: 70392
Ion Ratio Lower Upper
43 100
58 30.0 0.0 60.8



#14
Carbon disulfide
Concen: 18.946 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 363861
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

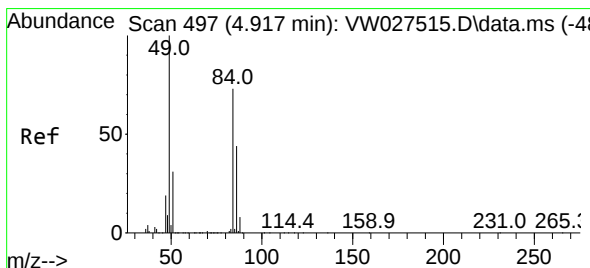
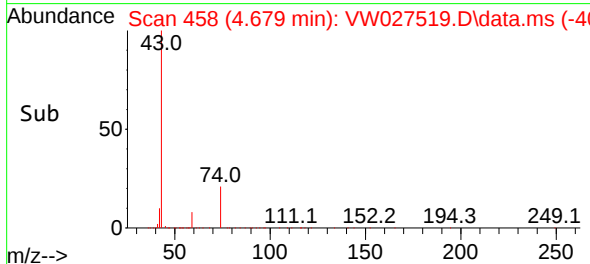
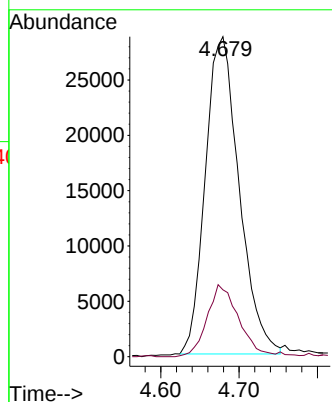
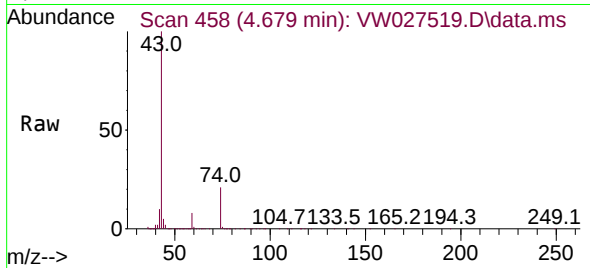




#15
Methyl Acetate
Concen: 24.355 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

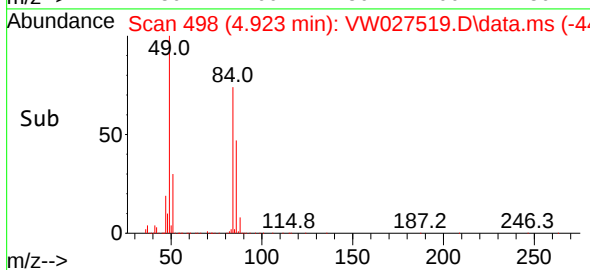
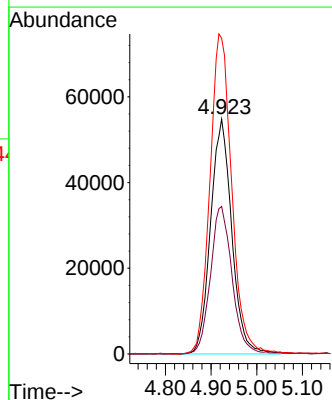
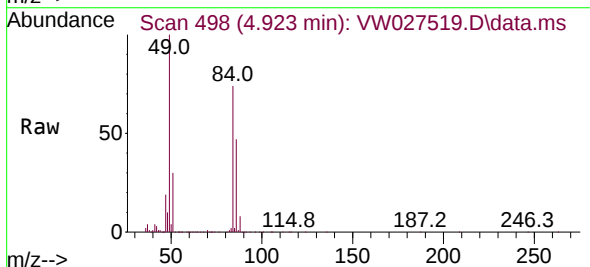
Instrument :
MSVOA_W
ClientSampleId :

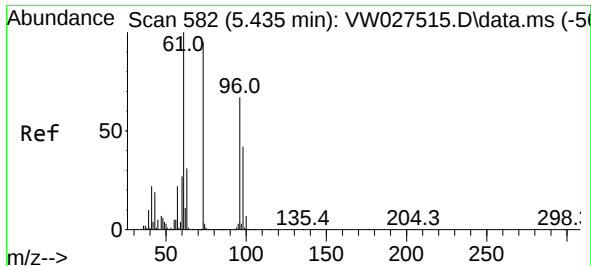
Tgt Ion: 43 Resp: 86102
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3



#16
Methylene chloride
Concen: 20.406 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 84 Resp: 176473
Ion Ratio Lower Upper
84 100
86 62.8 41.3 76.7
49 134.4 92.8 172.4

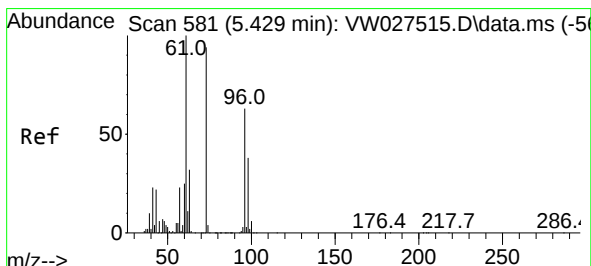
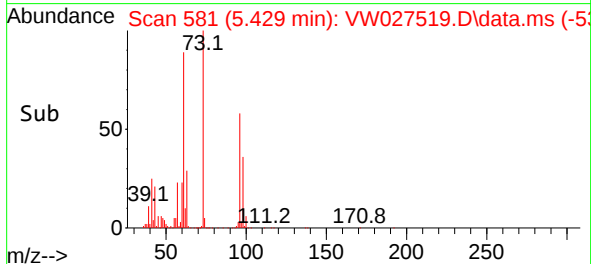
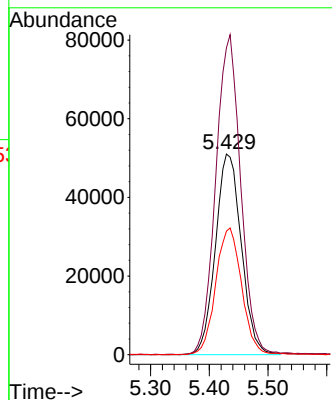
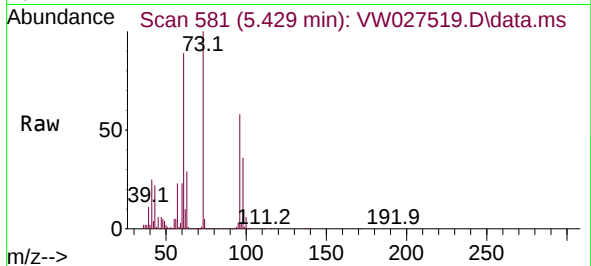




#17
trans-1,2-Dichloroethene
Concen: 23.429 ug/L
RT: 5.429 min Scan# 582
Delta R.T. -0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

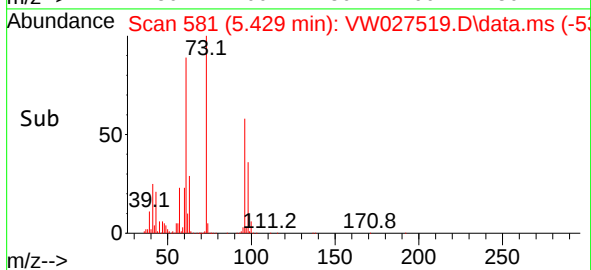
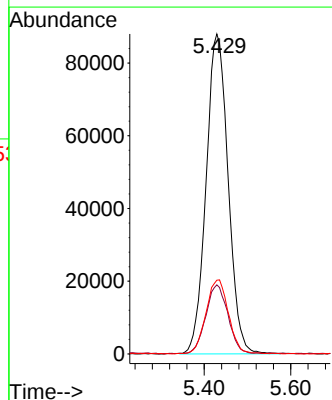
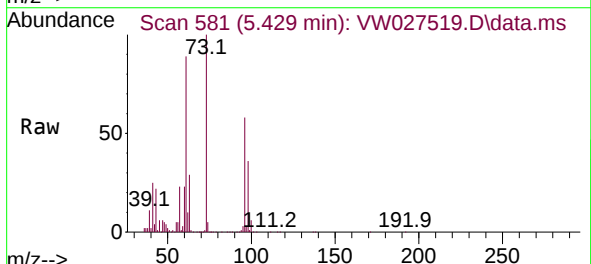
Instrument :
MSVOA_W
ClientSampleId :

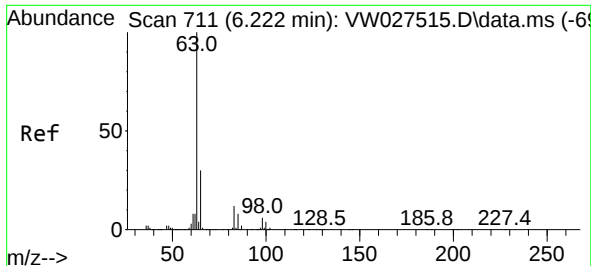
Tgt Ion: 96 Resp: 155994
Ion Ratio Lower Upper
96 100
61 152.9 105.6 196.0
98 61.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 27.071 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 73 Resp: 310968
Ion Ratio Lower Upper
73 100
43 21.6 17.7 26.5
57 23.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.508 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :

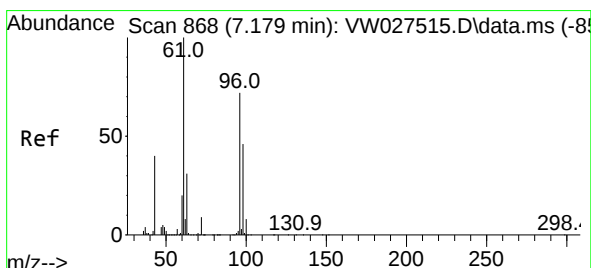
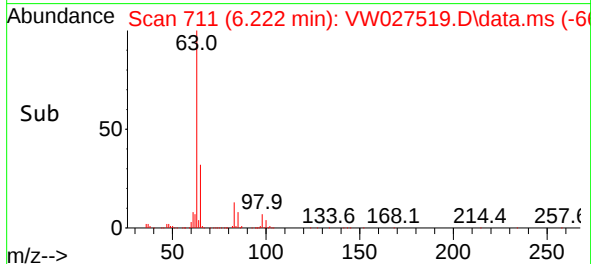
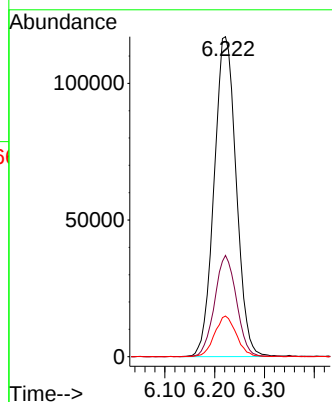
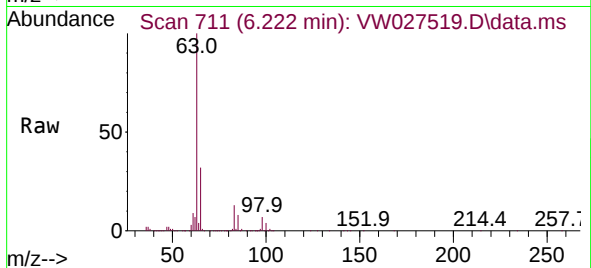
Tgt Ion: 63 Resp: 360094

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.471 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

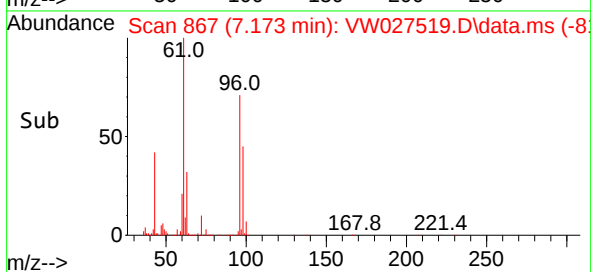
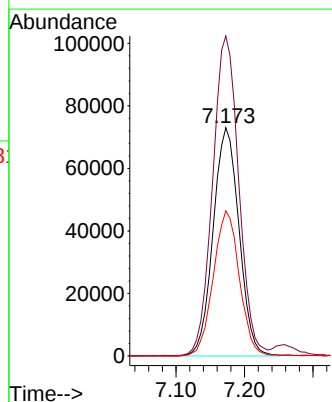
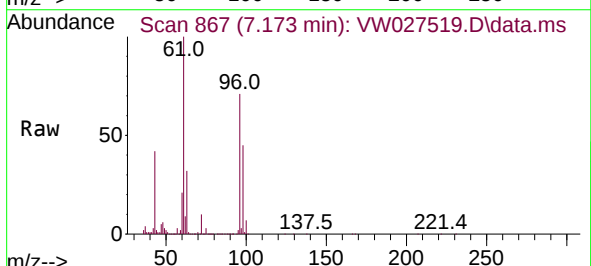
Tgt Ion: 96 Resp: 191515

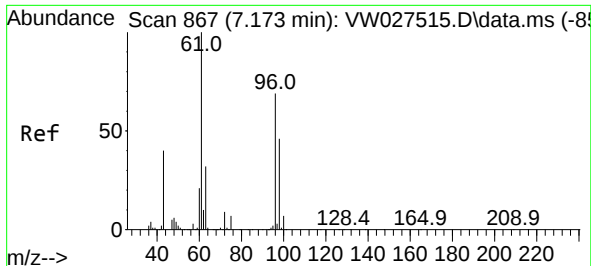
Ion Ratio Lower Upper

96 100

61 140.1 96.2 178.8

98 63.5 46.0 85.4

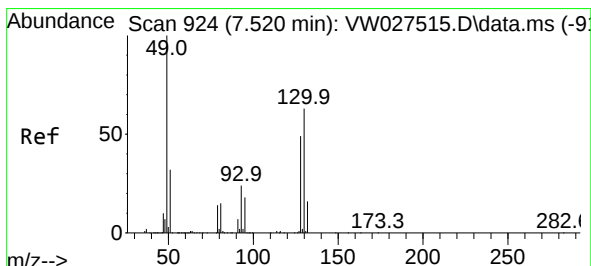
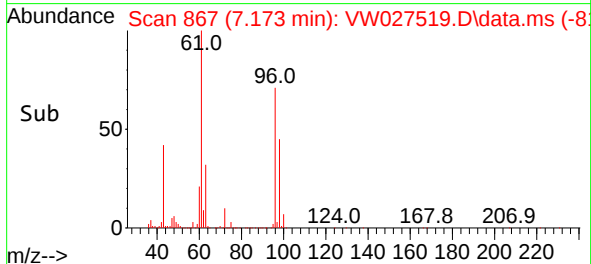
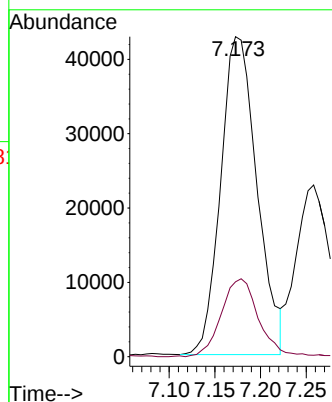
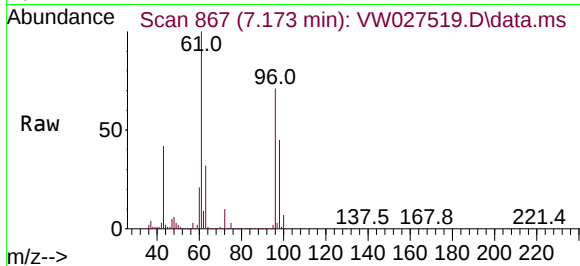




#22
2-Butanone
Concen: 38.174 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

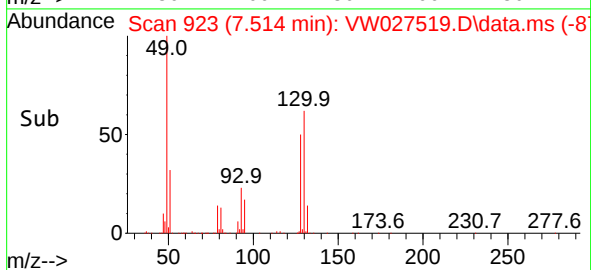
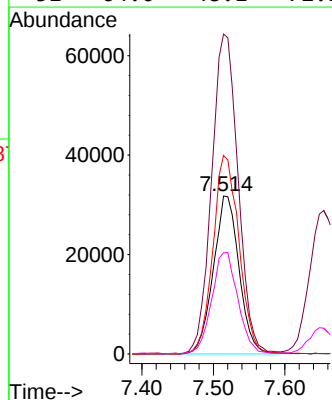
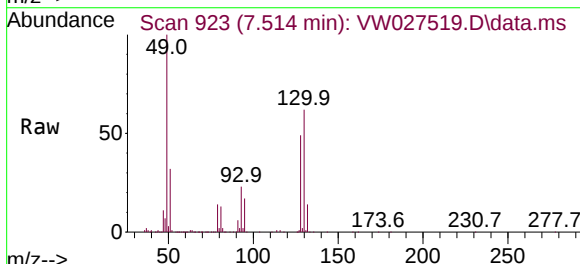
Instrument :
MSVOA_W
ClientSampleId :

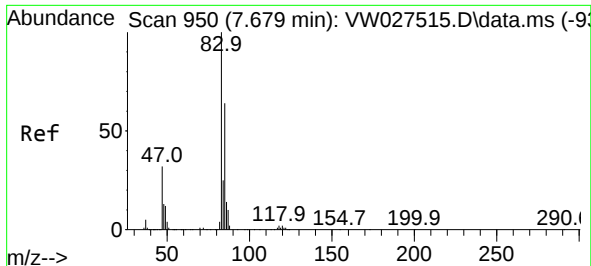
Tgt Ion: 43 Resp: 118272
Ion Ratio Lower Upper
43 100
72 25.1 12.3 36.8



#23
Bromochloromethane
Concen: 25.536 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 128 Resp: 79270
Ion Ratio Lower Upper
128 100
49 202.7 128.9 239.5
130 125.8 85.0 157.8
51 64.0 48.1 72.1

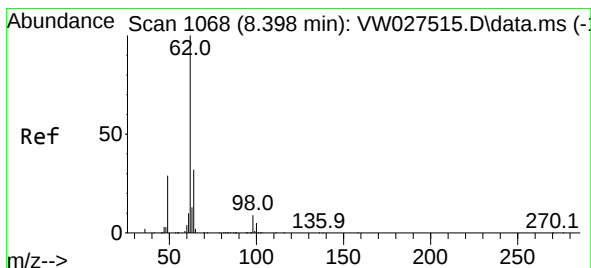
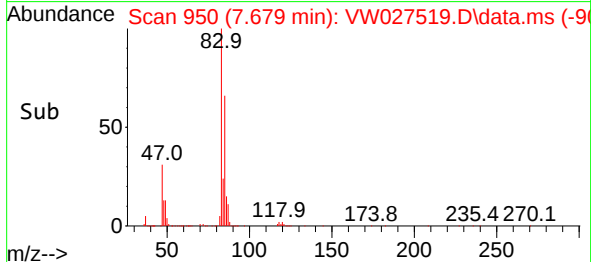
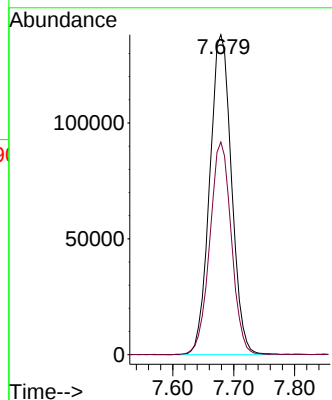
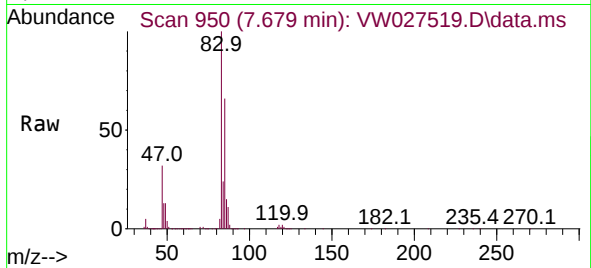




#25
Chloroform
Concen: 27.038 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

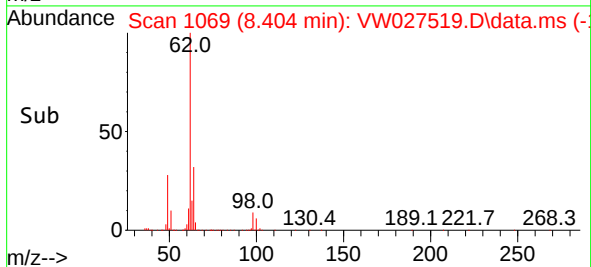
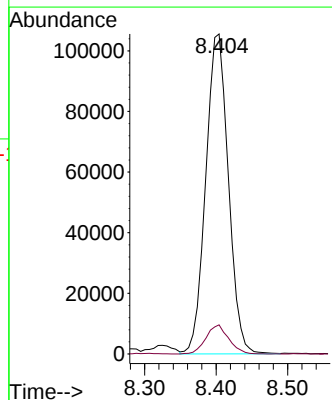
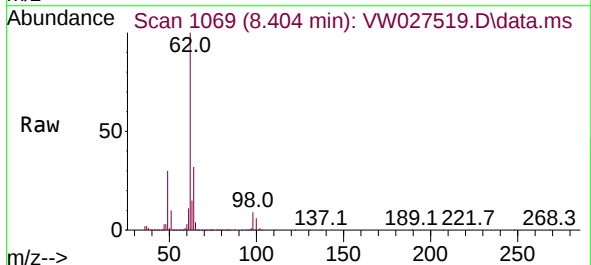
Instrument :
MSVOA_W
ClientSampleId :

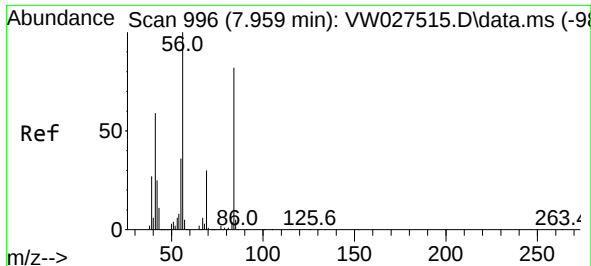
Tgt Ion: 83 Resp: 343757
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.859 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 62 Resp: 231967
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 21.287 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

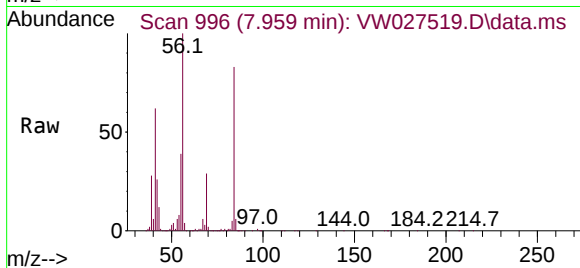
Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :



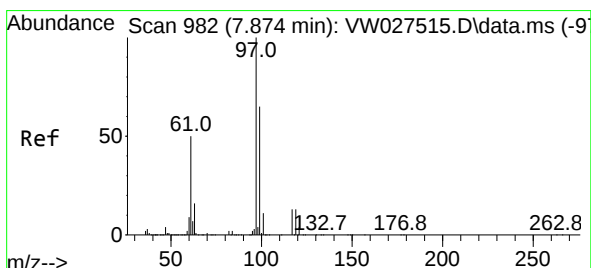
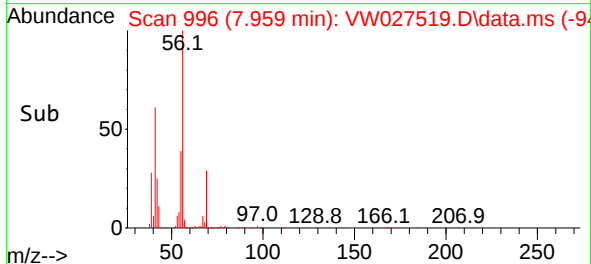
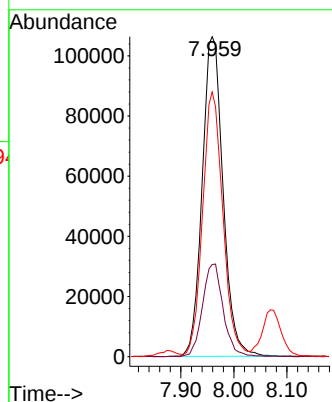
Tgt Ion: 56 Resp: 290240

Ion Ratio Lower Upper

56 100

69 28.8 24.2 36.4

84 80.6 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 24.331 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

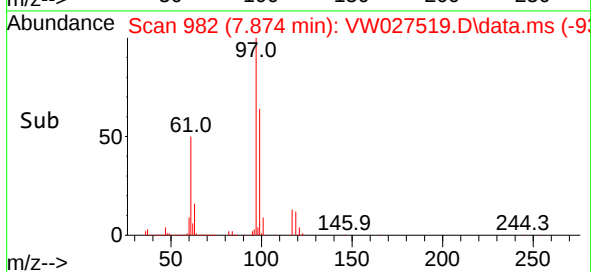
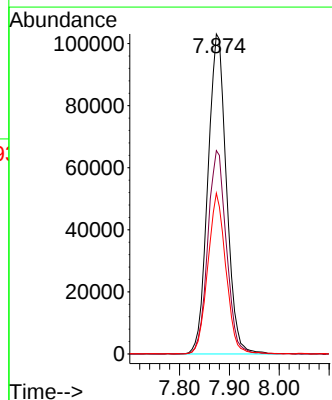
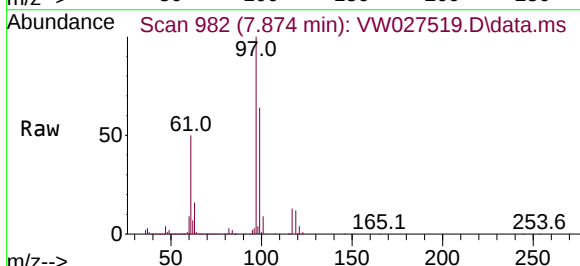
Tgt Ion: 97 Resp: 266524

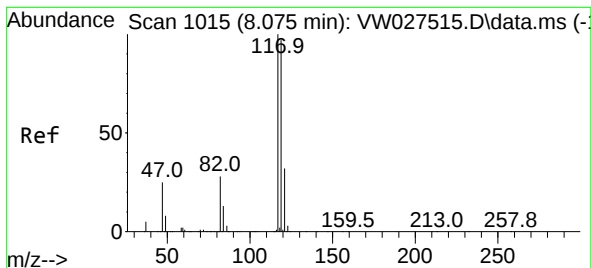
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

61 48.8 37.4 56.0





#31

Carbon tetrachloride

Concen: 22.585 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

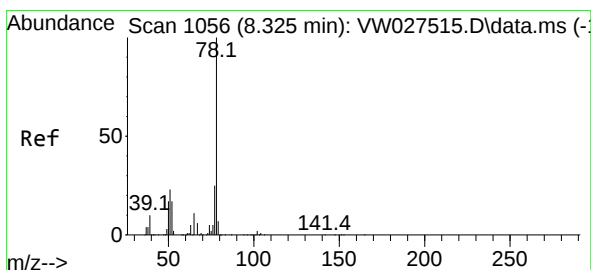
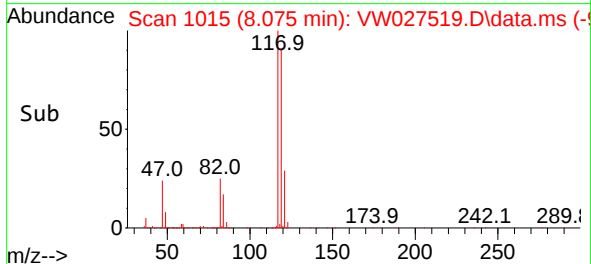
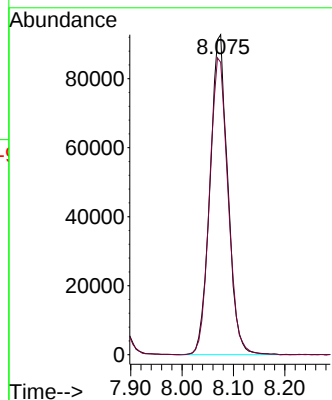
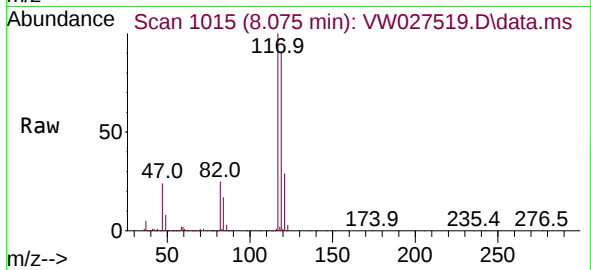
ClientSampleId :

Tgt Ion:117 Resp: 223076

Ion Ratio Lower Upper

117 100

119 96.3 77.1 115.7



#33

Benzene

Concen: 24.302 ug/L

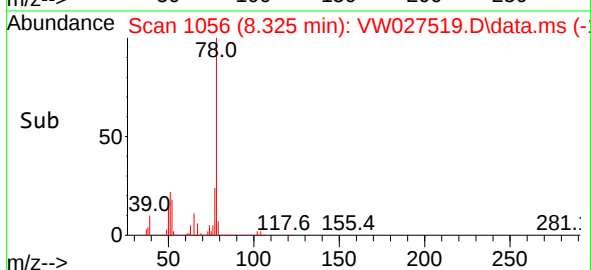
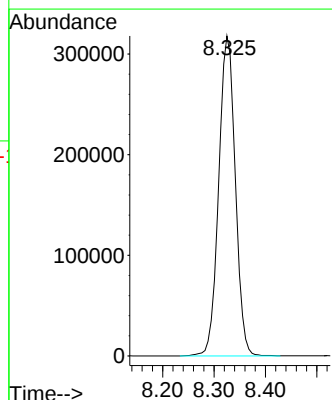
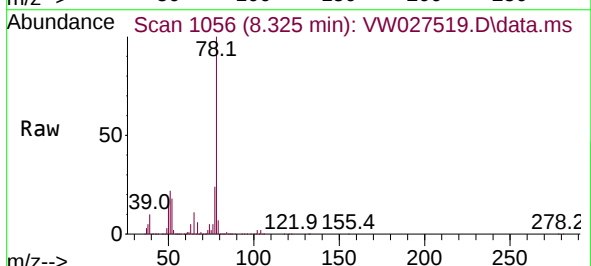
RT: 8.325 min Scan# 1056

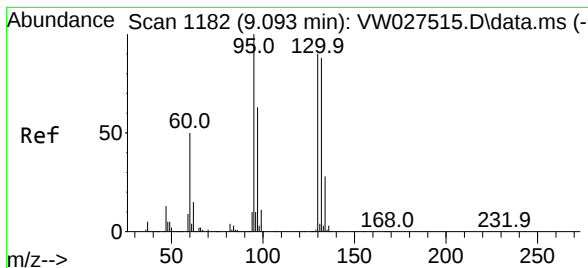
Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Tgt Ion: 78 Resp: 713217





#34

Trichloroethene

Concen: 24.049 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 186429

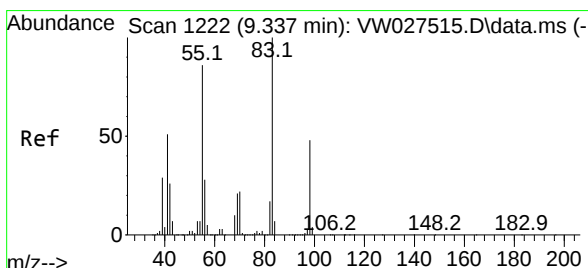
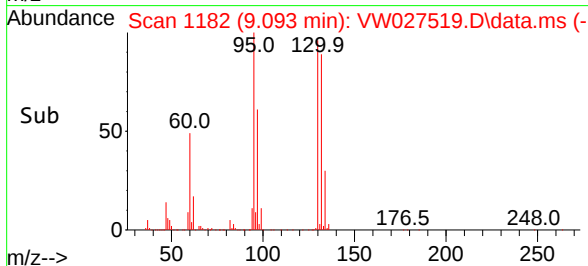
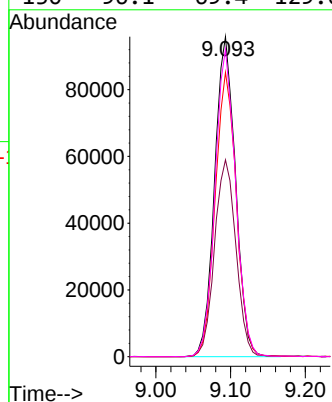
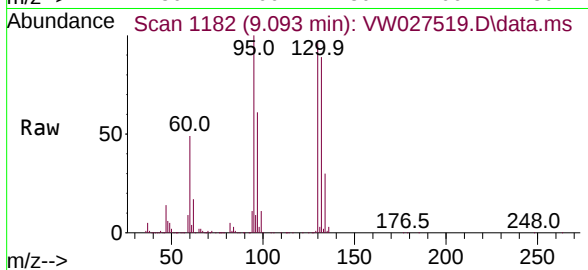
Ion Ratio Lower Upper

95 100

97 61.5 43.4 80.6

132 88.9 67.6 125.6

130 96.1 69.4 129.0



#35

Methylcyclohexane

Concen: 21.916 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

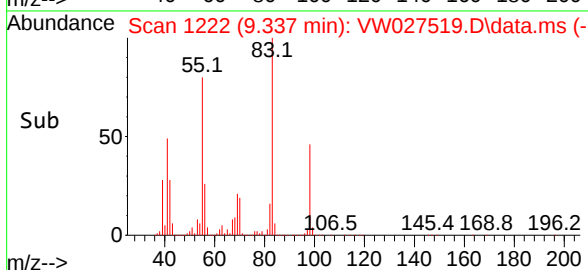
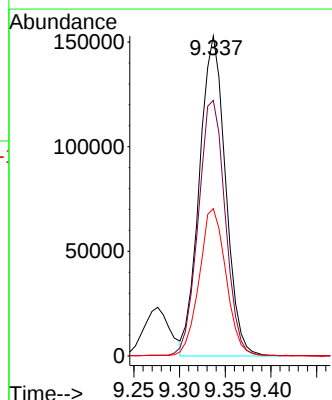
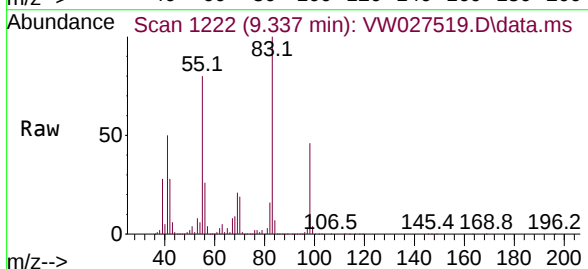
Tgt Ion: 83 Resp: 303819

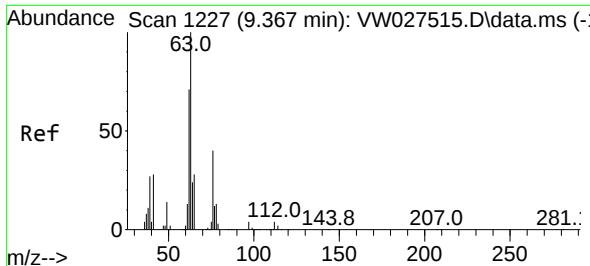
Ion Ratio Lower Upper

83 100

55 82.3 65.8 98.8

98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.553 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

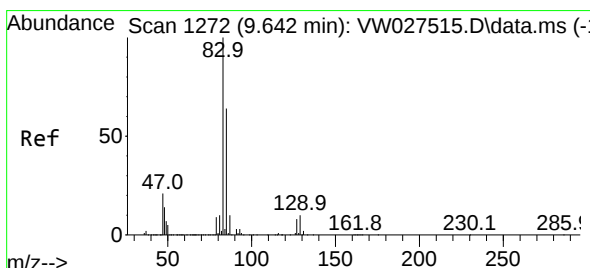
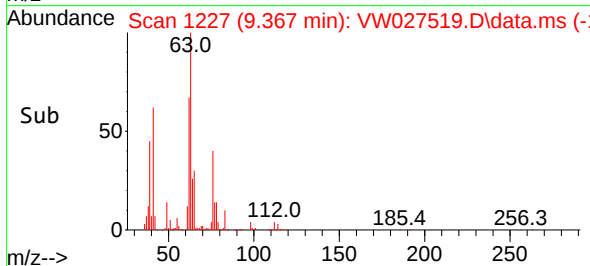
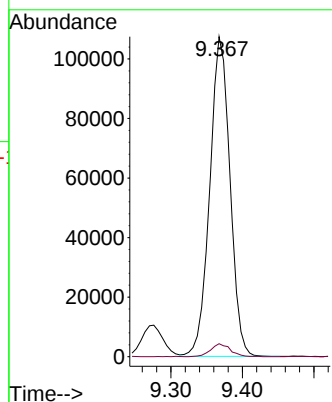
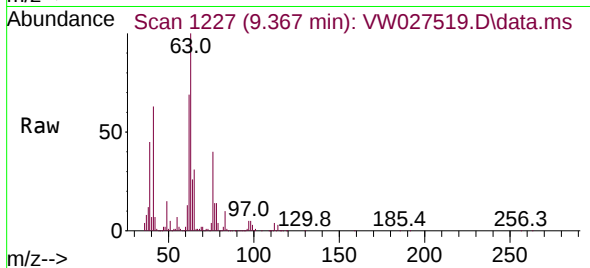
ClientSampleId :

Tgt Ion: 63 Resp: 210704

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 25.748 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

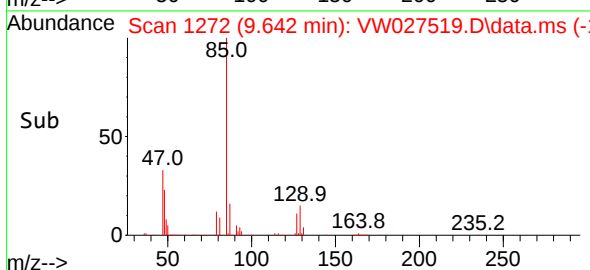
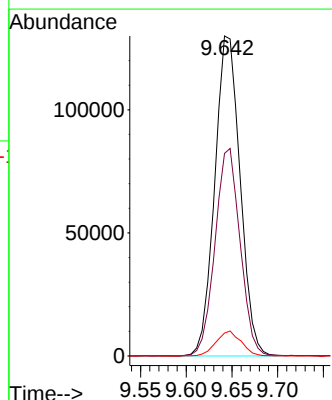
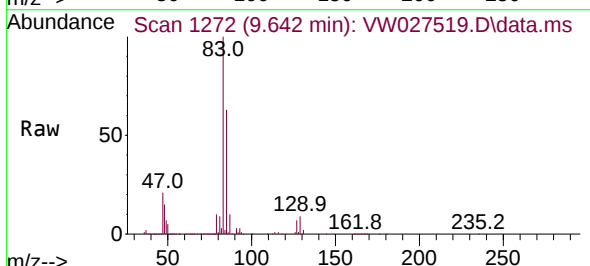
Tgt Ion: 83 Resp: 251233

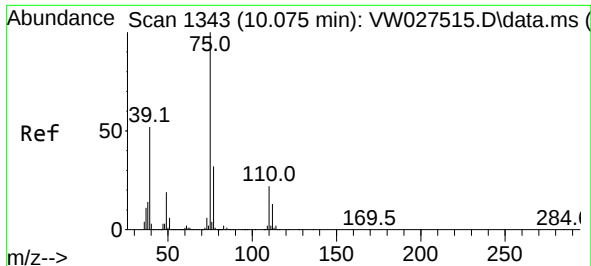
Ion Ratio Lower Upper

83 100

85 63.3 43.9 81.5

127 7.1 6.2 9.2

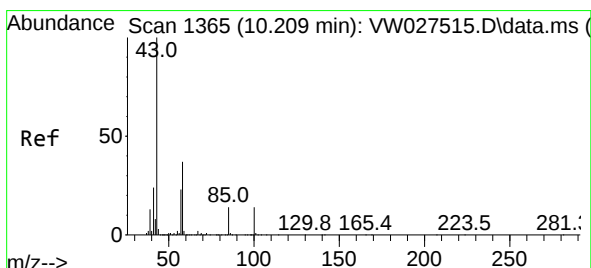
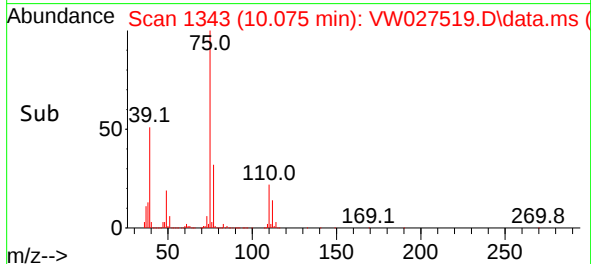
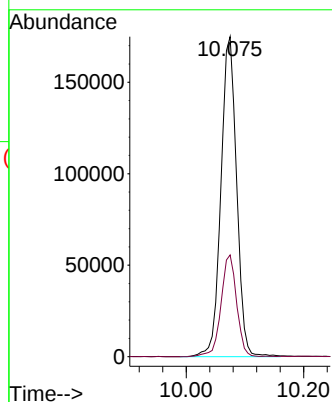
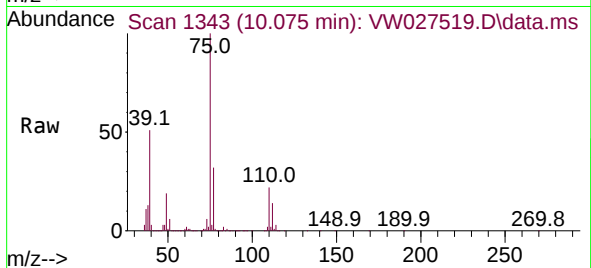




#39
 cis-1,3-Dichloropropene
 Concen: 24.762 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

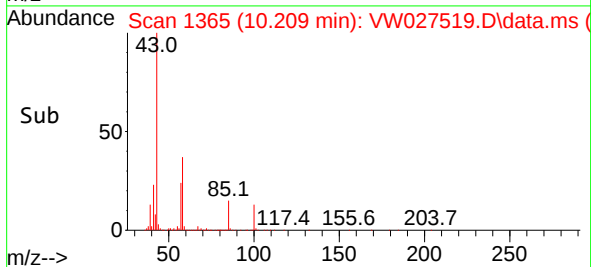
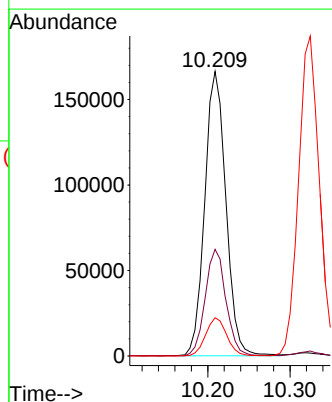
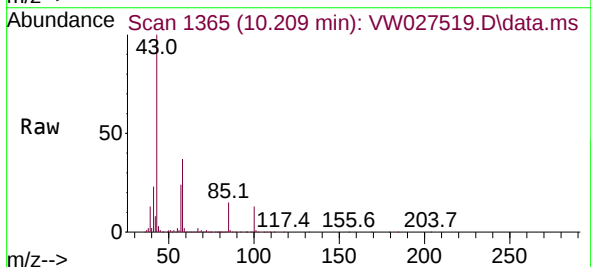
Instrument :
 MSVOA_W
 ClientSampleId :

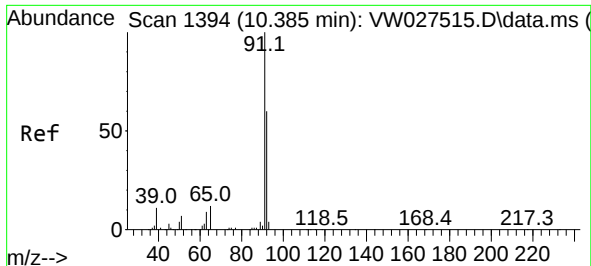
Tgt Ion: 75 Resp: 324590
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 54.458 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027519.D
 Acq: 02 Nov 2023 14:35

Tgt Ion: 43 Resp: 297189
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.5 45.7
 100 13.5 11.5 17.3

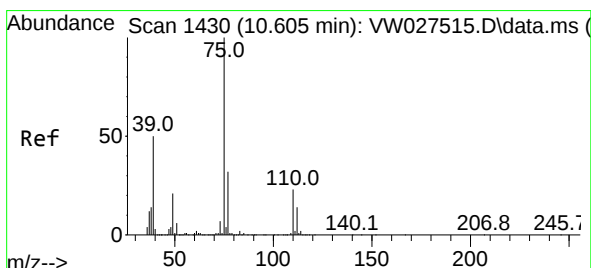
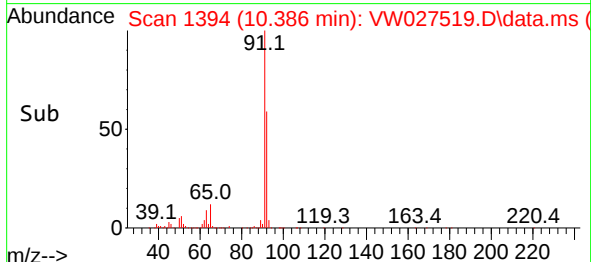
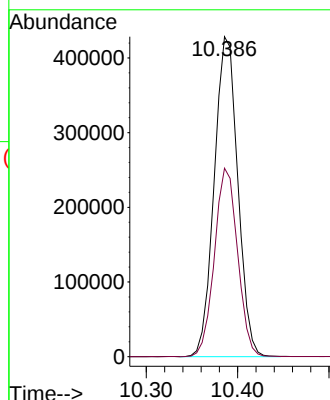
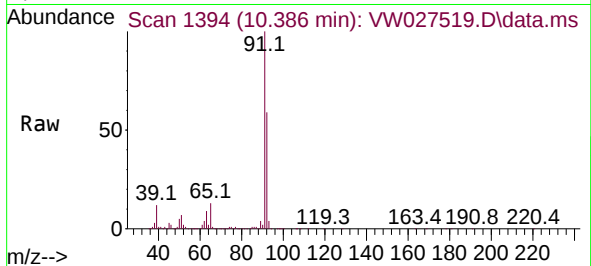




#42
Toluene
Concen: 24.890 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

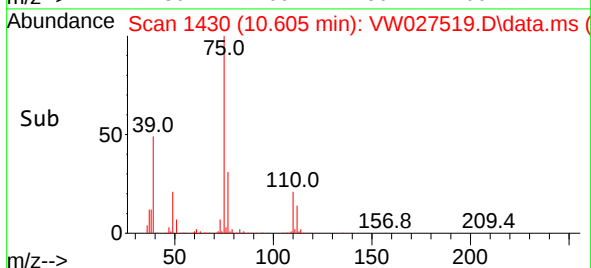
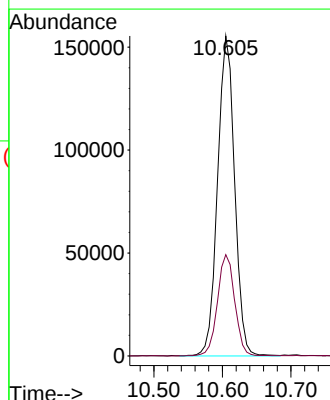
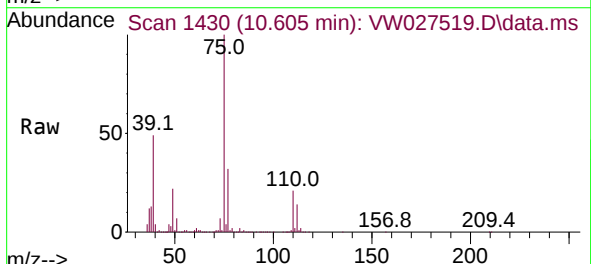
Instrument :
MSVOA_W
ClientSampleId :

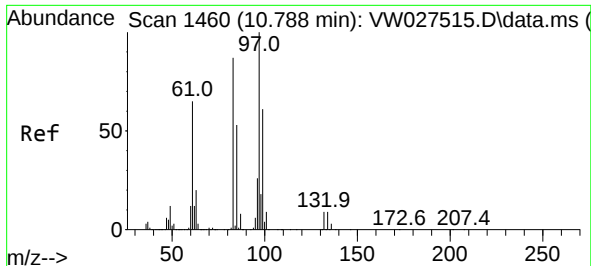
Tgt Ion: 91 Resp: 766288
Ion Ratio Lower Upper
91 100
92 58.9 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.190 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 75 Resp: 267546
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0

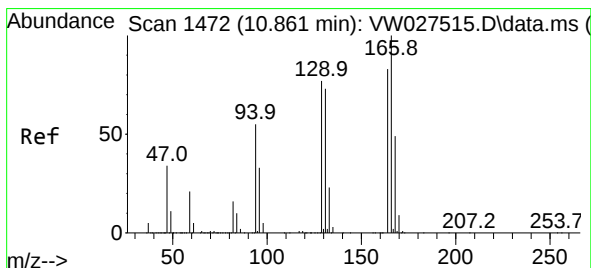
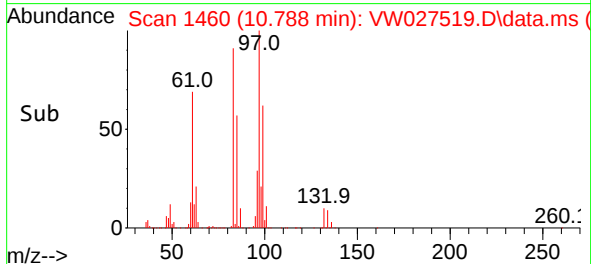
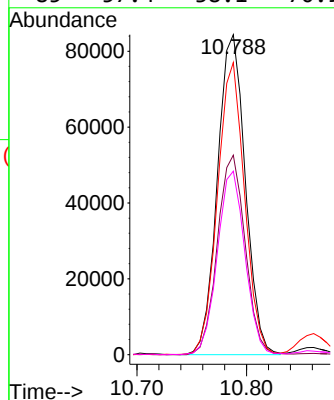
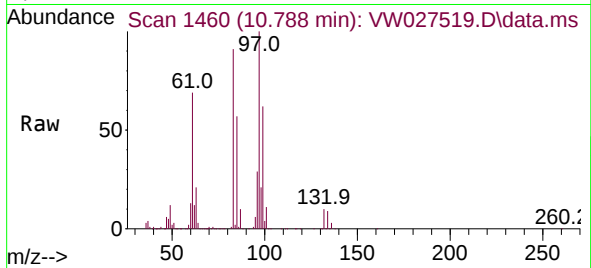




#45
1,1,2-Trichloroethane
Concen: 27.318 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

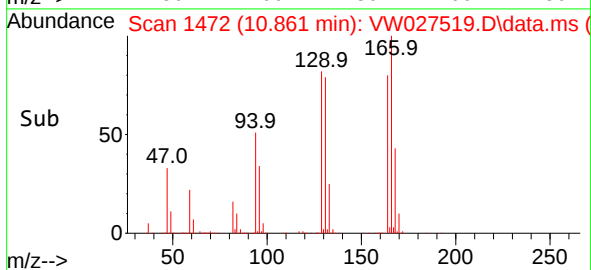
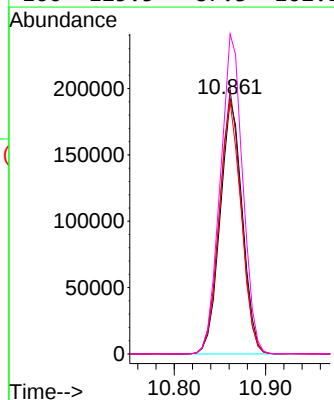
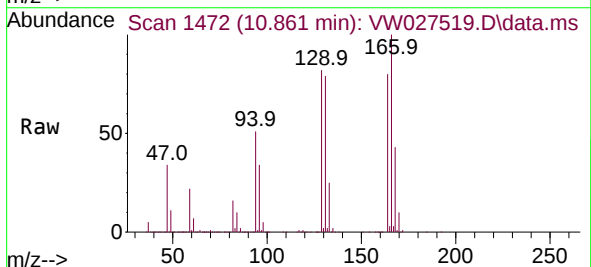
Instrument :
MSVOA_W
ClientSampleId :

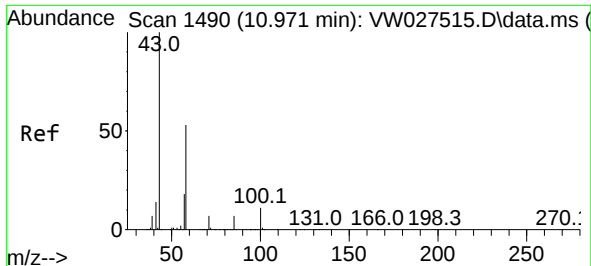
Tgt Ion:	97	Resp:	149172
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.4
83	91.3	57.5	106.7
85	57.4	38.1	70.9



#46
Tetrachloroethene
Concen: 60.312 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion:	164	Resp:	322841
Ion	Ratio	Lower	Upper
164	100		
129	103.4	74.7	138.7
131	99.1	73.2	136.0
166	125.5	87.3	162.1

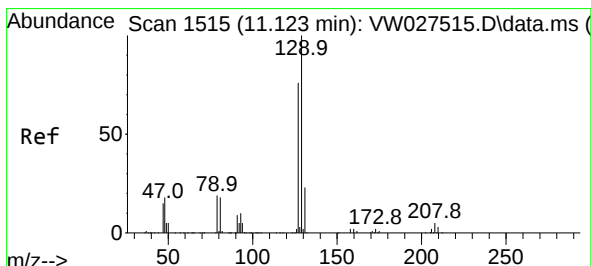
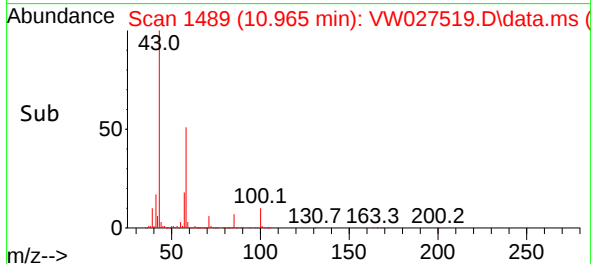
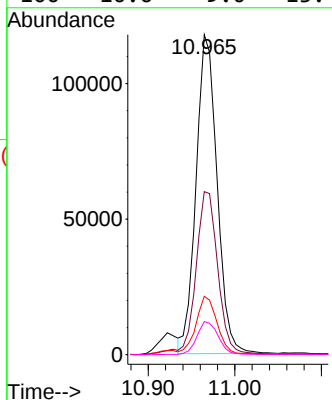
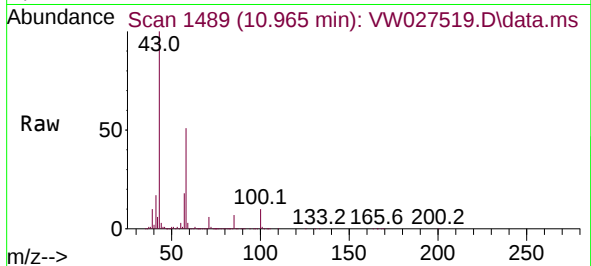




#48
2-Hexanone
Concen: 49.194 ug/L
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

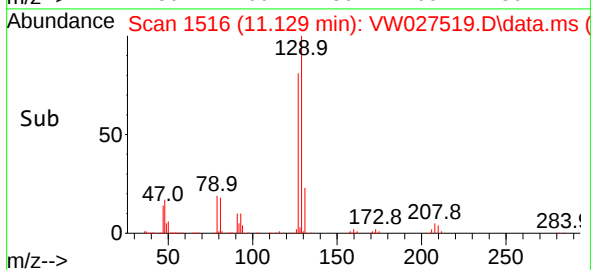
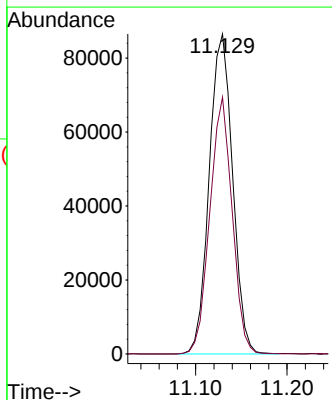
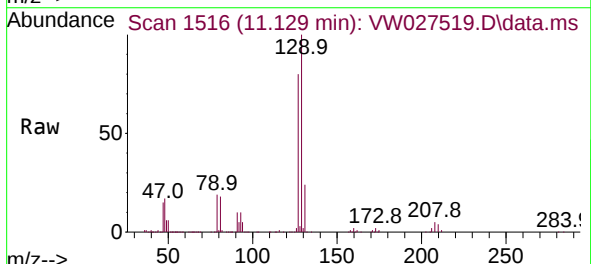
Instrument :
MSVOA_W
ClientSampleId :

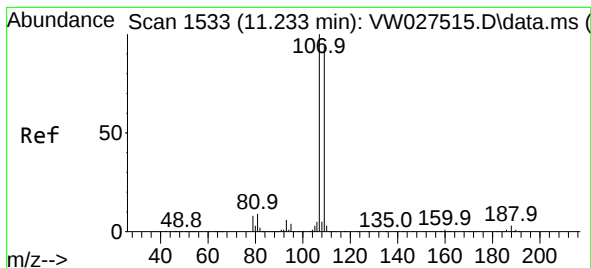
Tgt Ion: 43 Resp: 198700
Ion Ratio Lower Upper
43 100
58 52.4 42.2 63.4
57 18.7 15.1 22.7
100 10.6 9.0 13.4



#49
Dibromochloromethane
Concen: 25.395 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

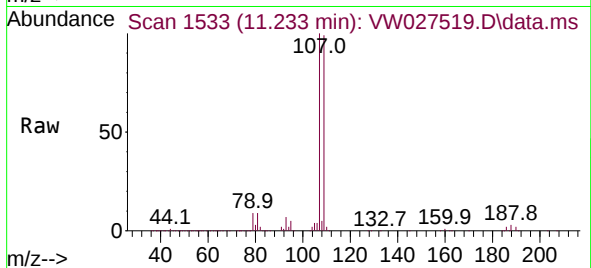
Tgt Ion: 129 Resp: 154006
Ion Ratio Lower Upper
129 100
127 80.3 51.7 95.9



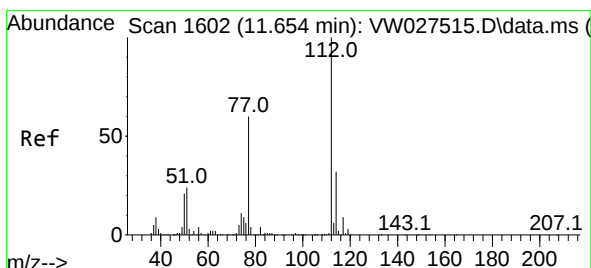
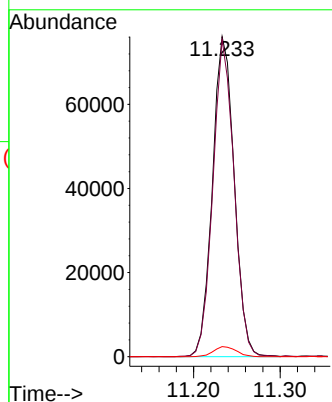
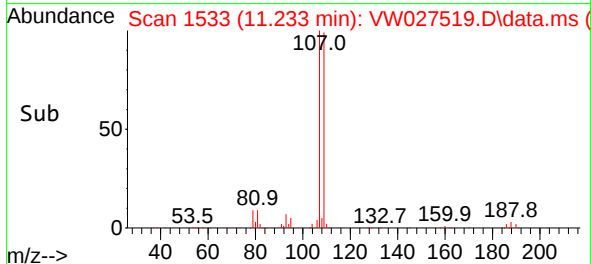


#50
1,2-Dibromoethane
Concen: 25.146 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Instrument :
MSVOA_W
ClientSampleId :

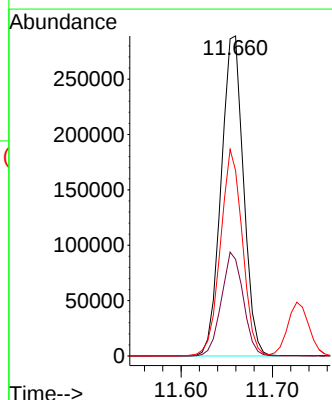
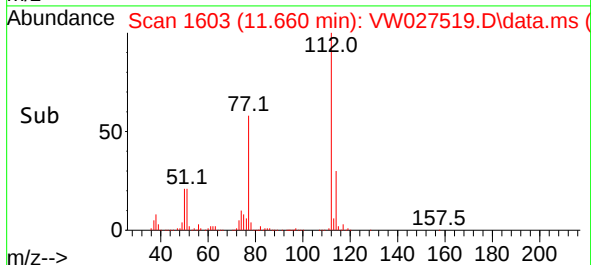
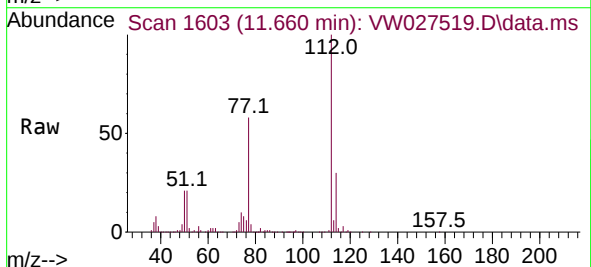


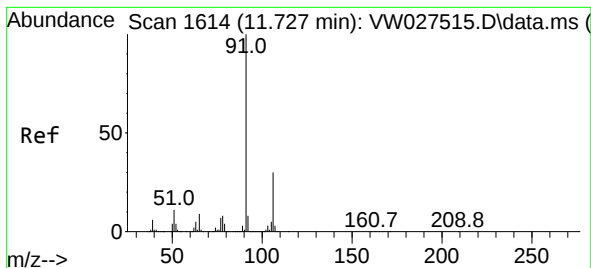
Tgt Ion:107 Resp: 133130
Ion Ratio Lower Upper
107 100
109 99.1 66.3 123.1
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 25.489 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion:112 Resp: 491397
Ion Ratio Lower Upper
112 100
114 30.2 21.8 40.6
77 58.0 52.2 78.4

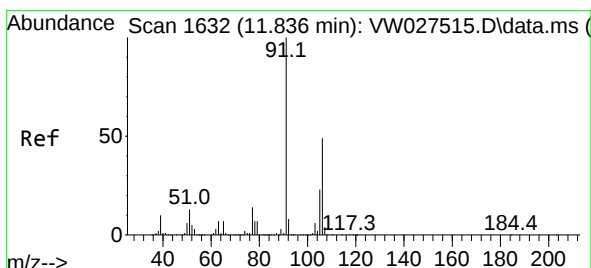
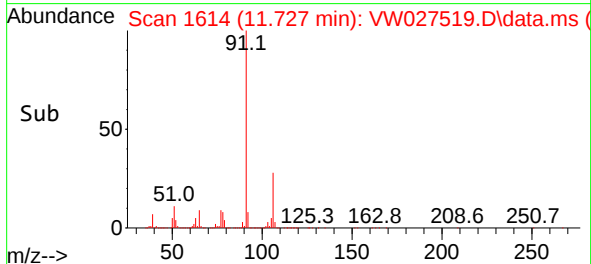
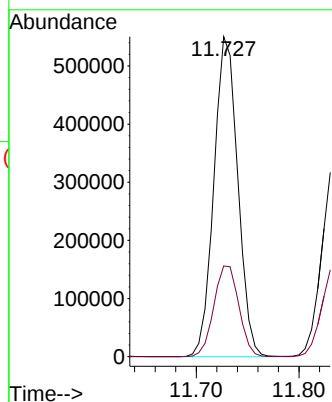
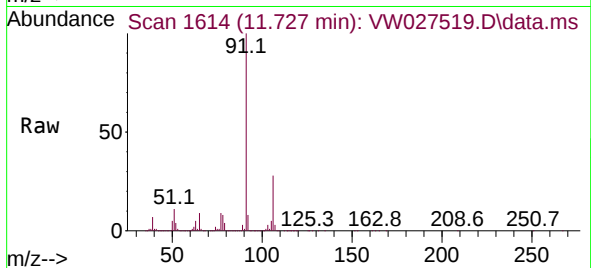




#52
Ethylbenzene
Concen: 24.819 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

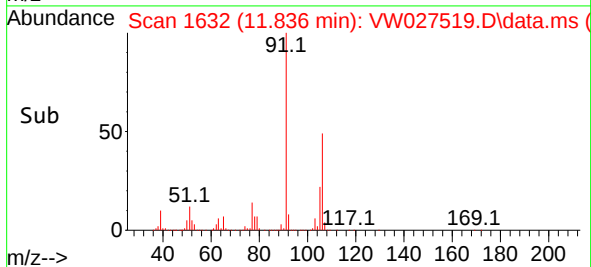
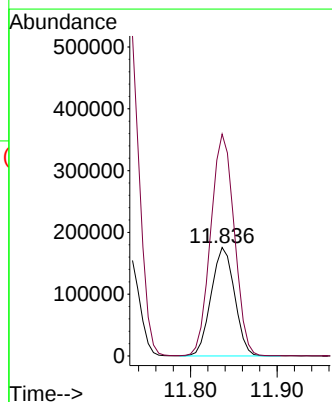
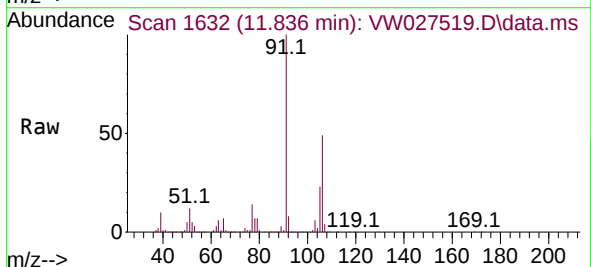
Instrument :
MSVOA_W
ClientSampleId :

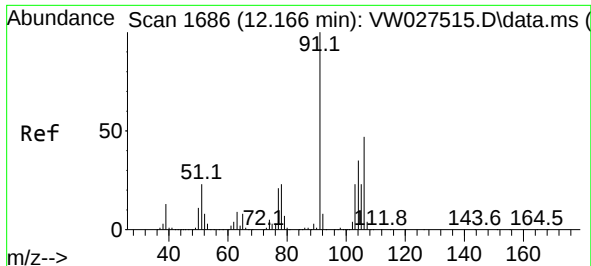
Tgt Ion: 91 Resp: 887941
Ion Ratio Lower Upper
91 100
106 28.3 19.8 36.8



#53
m,p-Xylene
Concen: 24.340 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 106 Resp: 330274
Ion Ratio Lower Upper
106 100
91 204.4 144.5 268.4

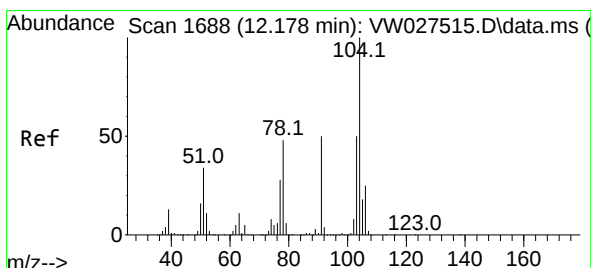
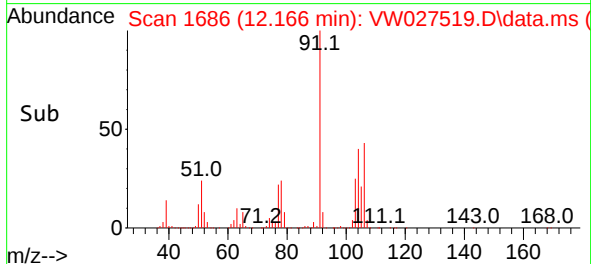
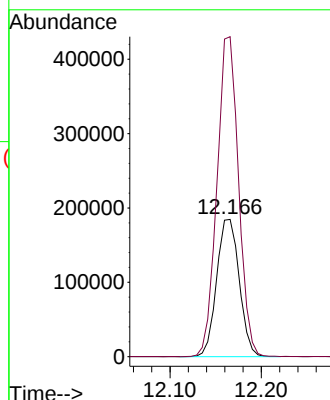
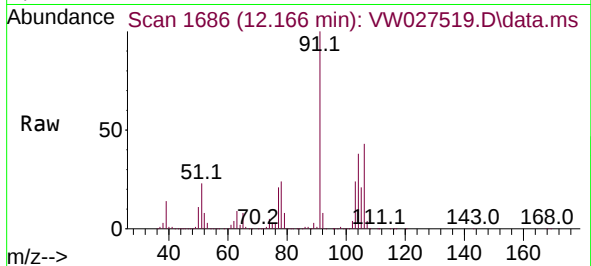




#54
o-Xylene
Concen: 24.465 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

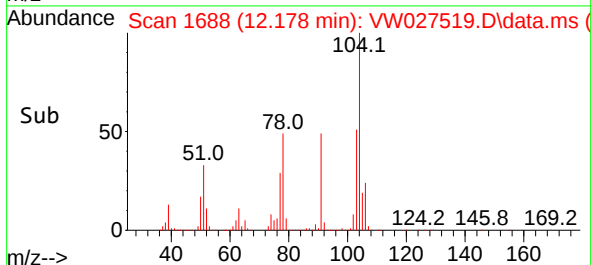
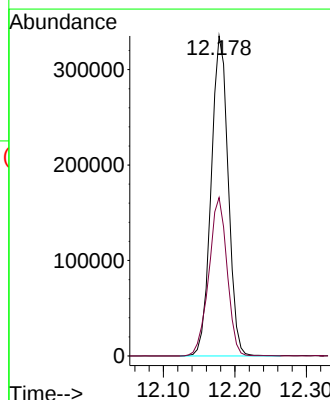
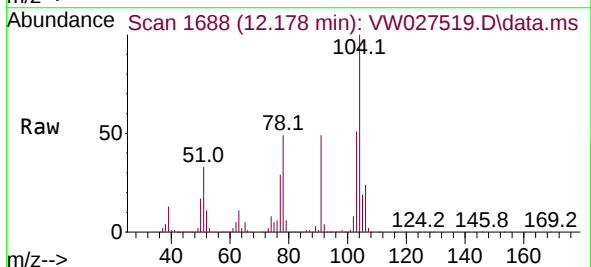
Instrument :
MSVOA_W
ClientSampleId :

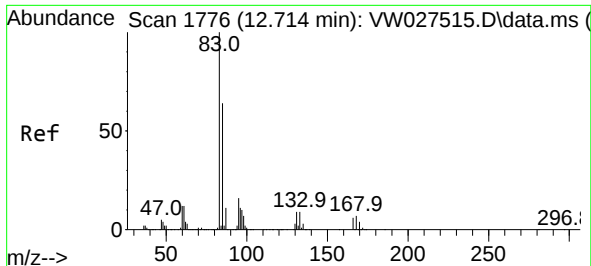
Tgt Ion:106 Resp: 317897
Ion Ratio Lower Upper
106 100
91 233.0 152.0 282.2



#55
Styrene
Concen: 24.986 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion:104 Resp: 554503
Ion Ratio Lower Upper
104 100
78 49.5 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.668 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :

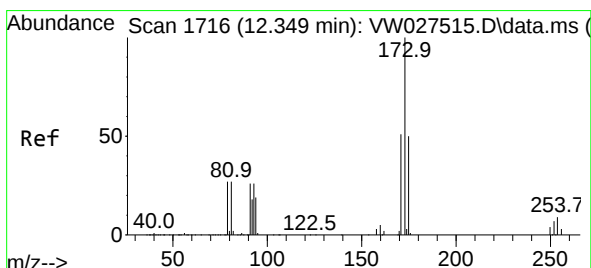
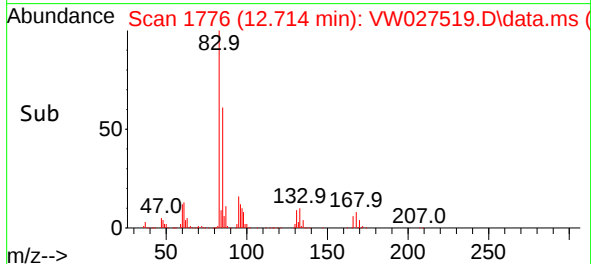
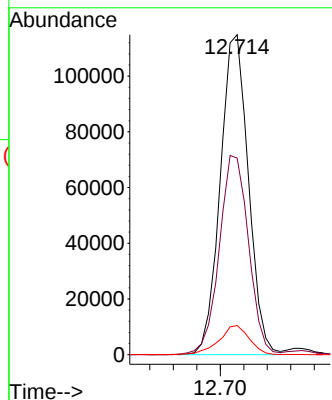
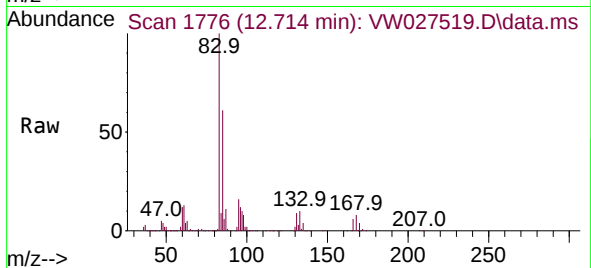
Tgt Ion: 83 Resp: 191101

Ion Ratio Lower Upper

83 100

85 61.4 43.2 80.2

131 9.1 7.2 10.8



#59

Bromoform

Concen: 22.747 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

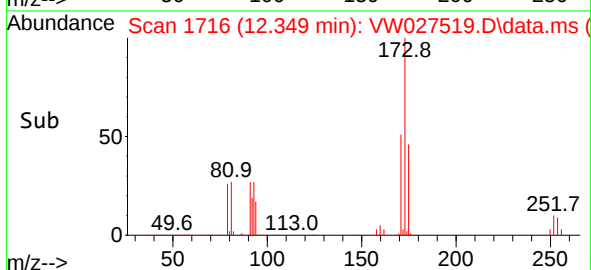
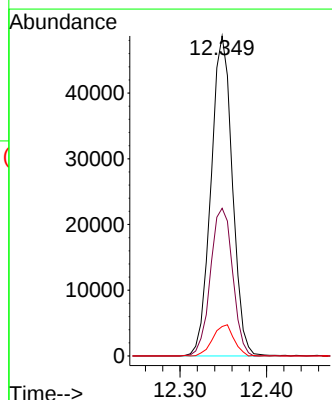
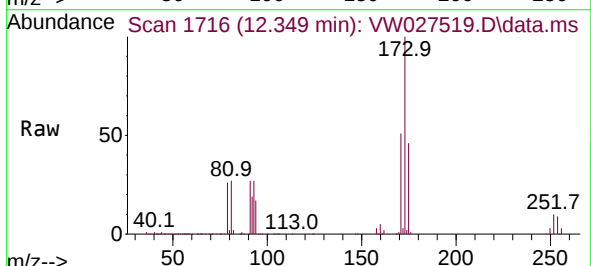
Tgt Ion:173 Resp: 83481

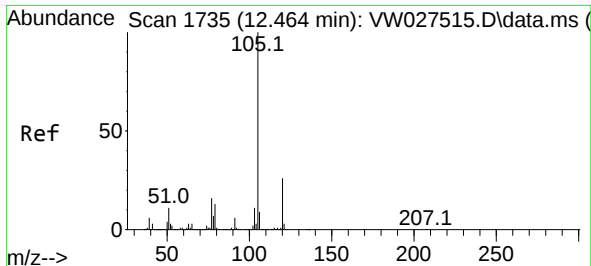
Ion Ratio Lower Upper

173 100

175 47.8 39.6 59.4

254 9.6 6.6 10.0

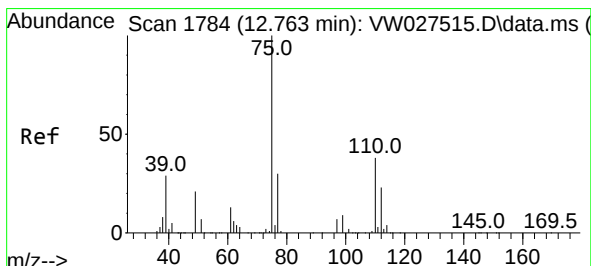
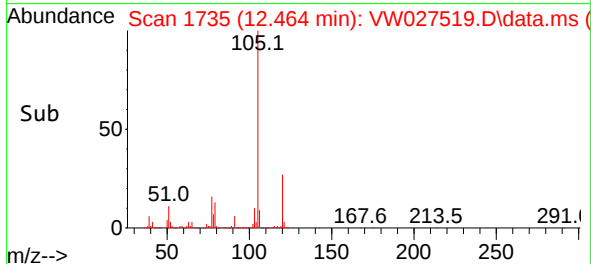
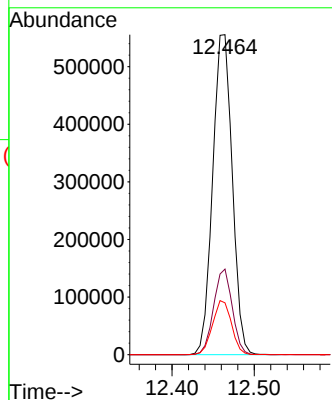
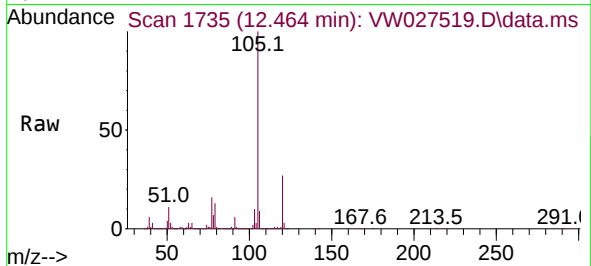




#60
Isopropylbenzene
Concen: 23.718 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

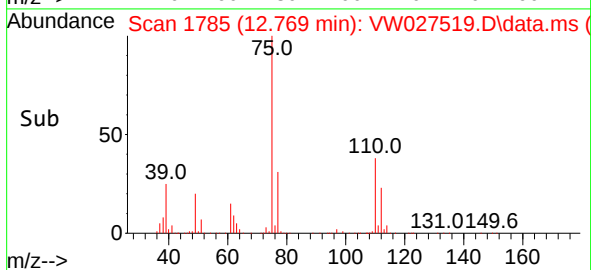
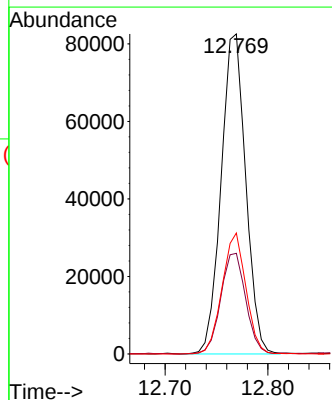
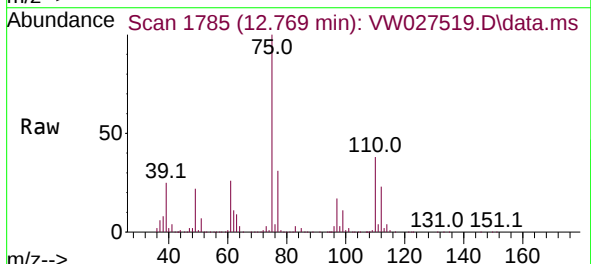
Instrument :
MSVOA_W
ClientSampleId :

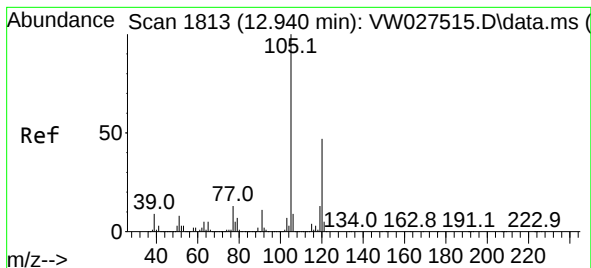
Tgt Ion:105 Resp: 918928
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 25.478 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion: 75 Resp: 137206
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 36.7 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 22.520 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

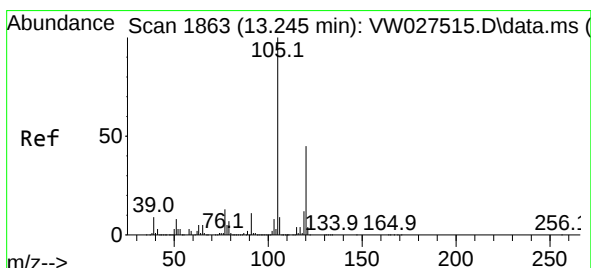
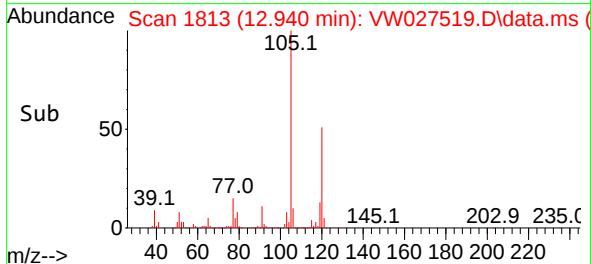
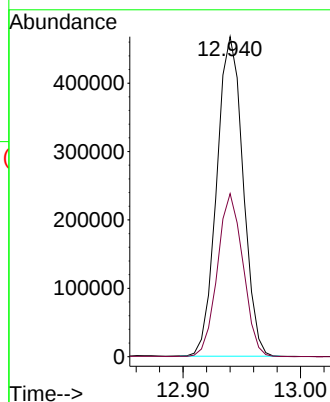
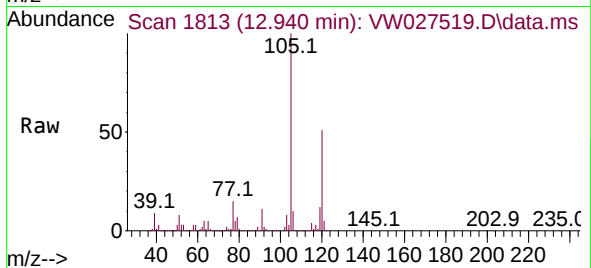
ClientSampleId :

Tgt Ion:105 Resp: 727807

Ion Ratio Lower Upper

105 100

120 49.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.222 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW027519.D

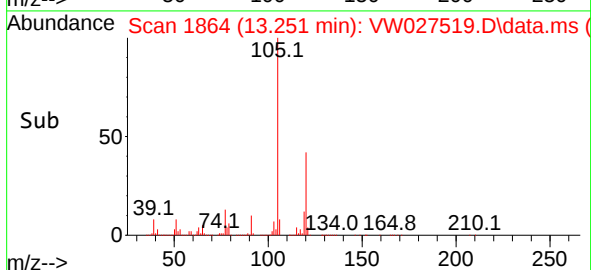
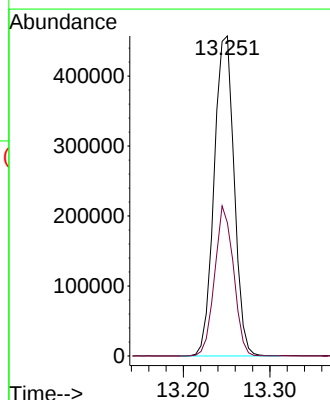
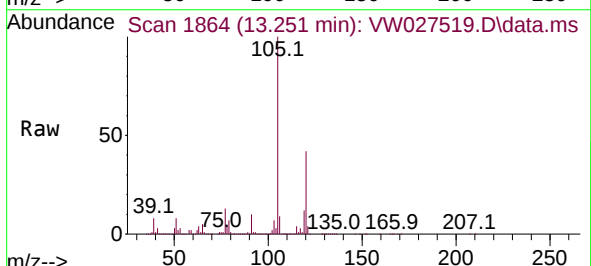
Acq: 02 Nov 2023 14:35

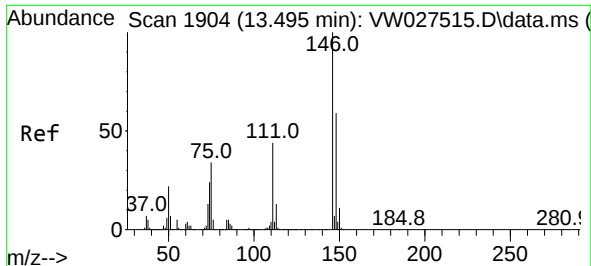
Tgt Ion:105 Resp: 734316

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.2

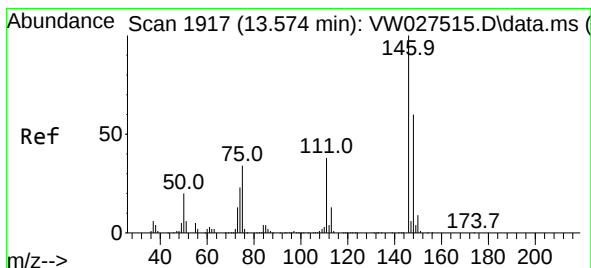
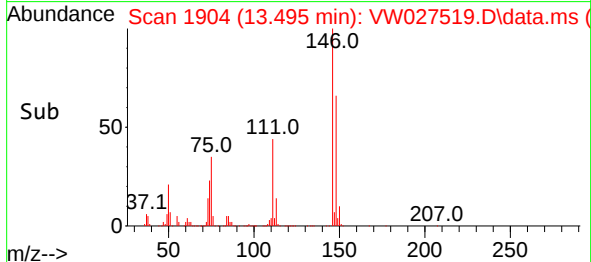
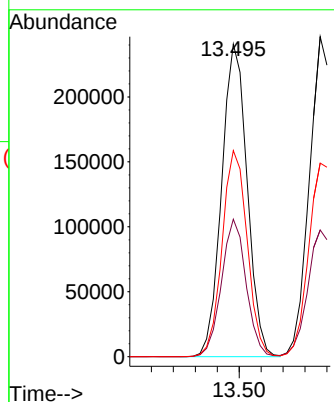
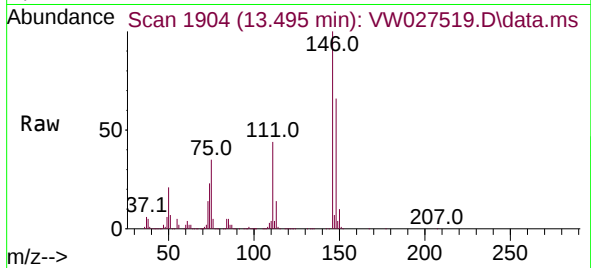




#64
1,3-Dichlorobenzene
Concen: 24.775 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

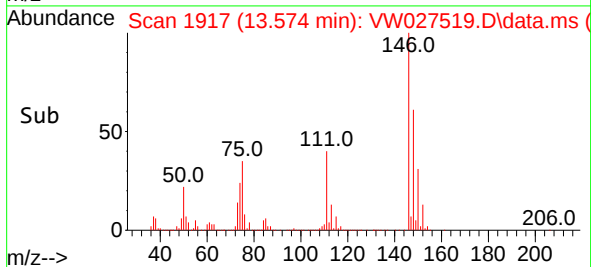
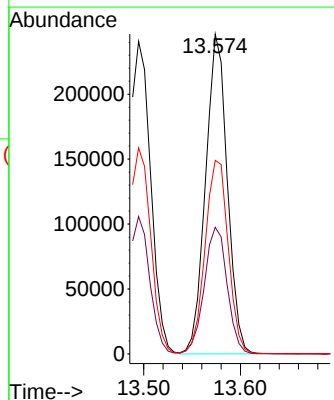
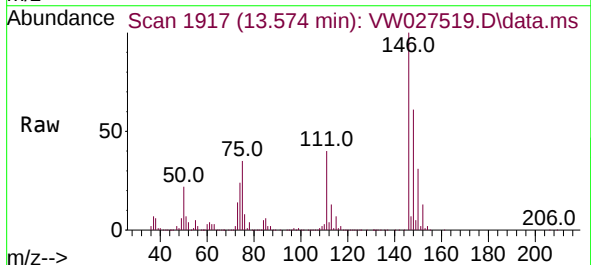
Instrument :
MSVOA_W
ClientSampleId :

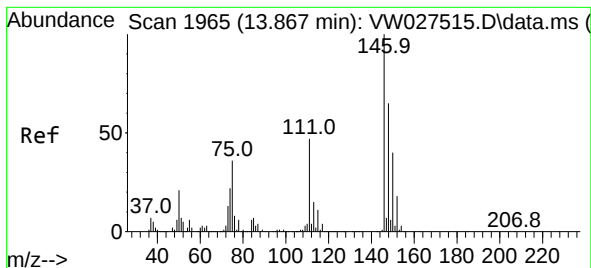
Tgt Ion:146 Resp: 389258
Ion Ratio Lower Upper
146 100
111 43.9 30.8 57.2
148 65.9 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.564 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027519.D
Acq: 02 Nov 2023 14:35

Tgt Ion:146 Resp: 385415
Ion Ratio Lower Upper
146 100
111 39.6 29.5 54.9
148 60.5 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.190 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :

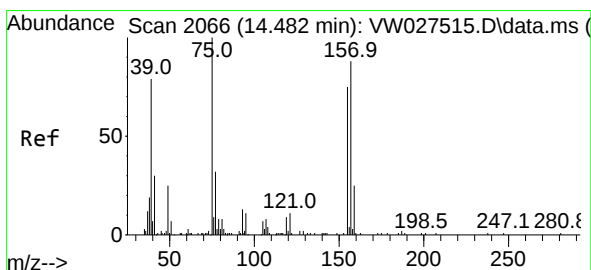
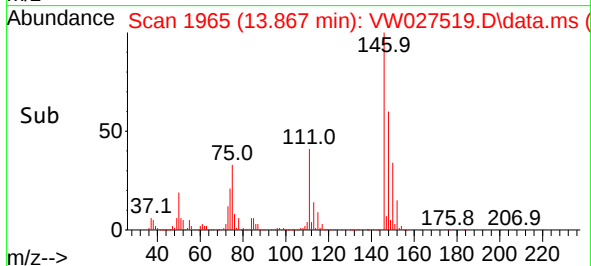
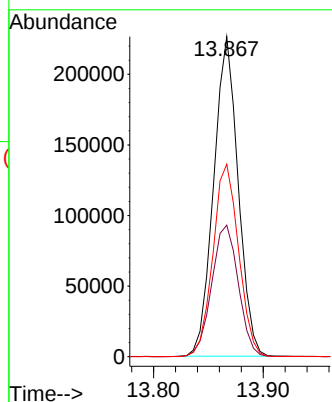
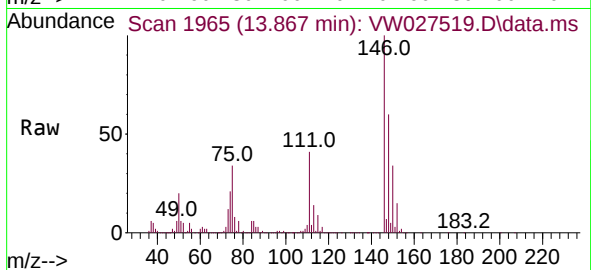
Tgt Ion:146 Resp: 351199

Ion Ratio Lower Upper

146 100

111 41.1 36.8 55.2

148 60.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.071 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

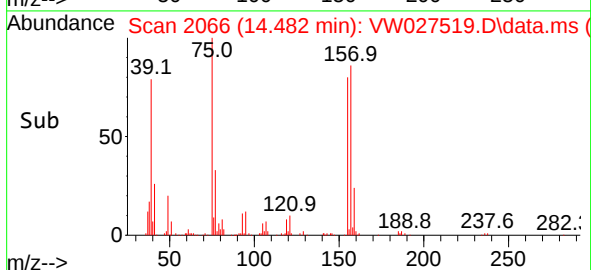
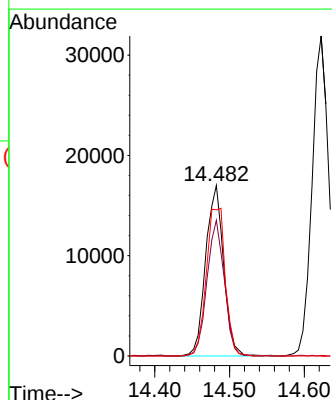
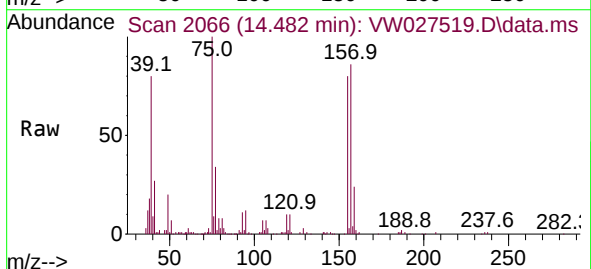
Tgt Ion: 75 Resp: 28359

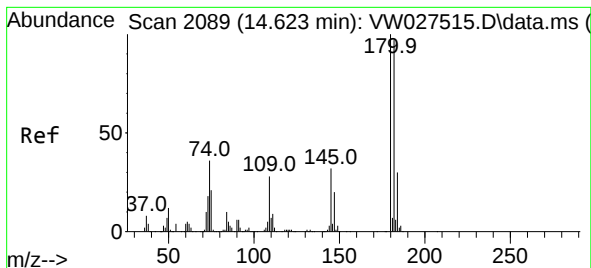
Ion Ratio Lower Upper

75 100

155 79.6 54.9 82.3

157 85.7 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 22.424 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

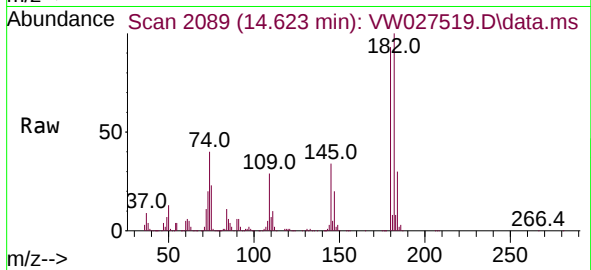
Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 228710

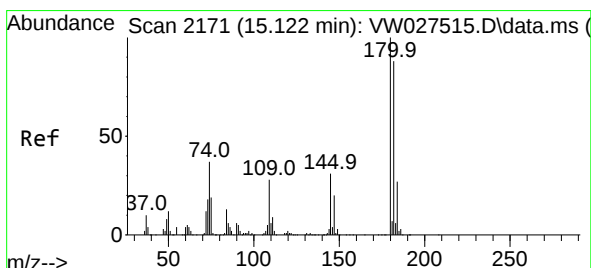
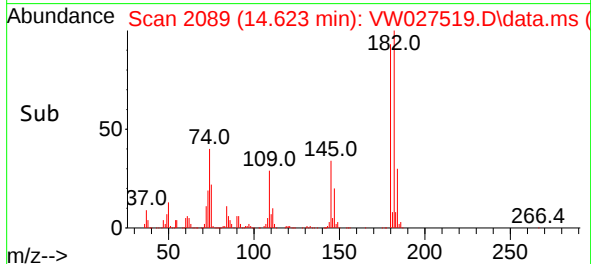
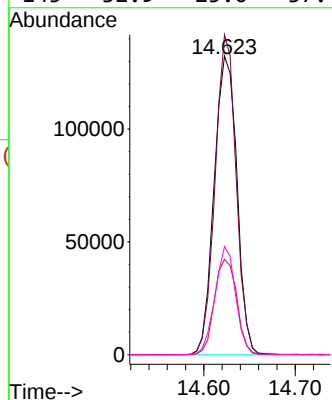
Ion Ratio Lower Upper

180 100

182 99.0 73.4 110.0

184 31.4 23.3 34.9

145 32.9 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.934 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

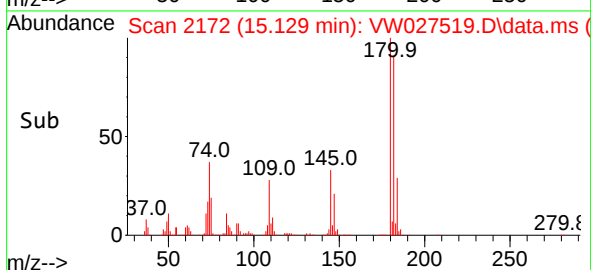
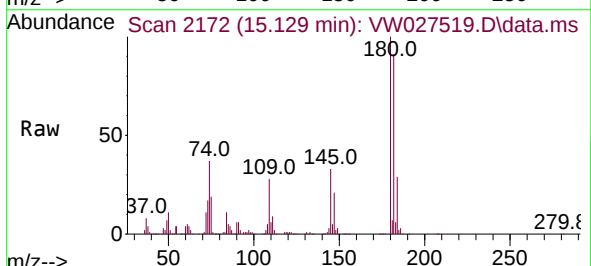
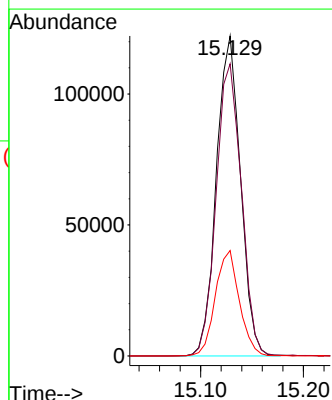
Tgt Ion:180 Resp: 199095

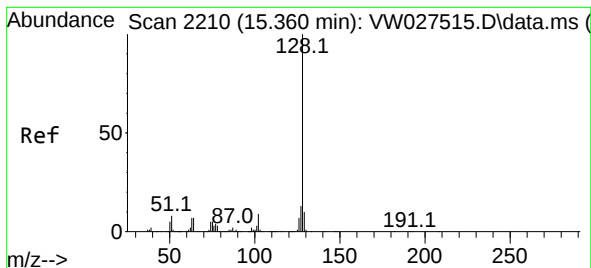
Ion Ratio Lower Upper

180 100

182 95.0 75.5 113.3

145 32.8 26.4 39.6





#71

Naphthalene

Concen: 23.310 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Instrument :

MSVOA_W

ClientSampleId :

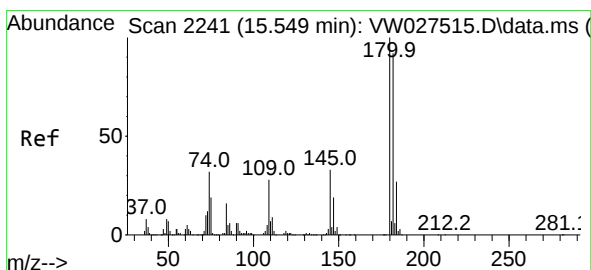
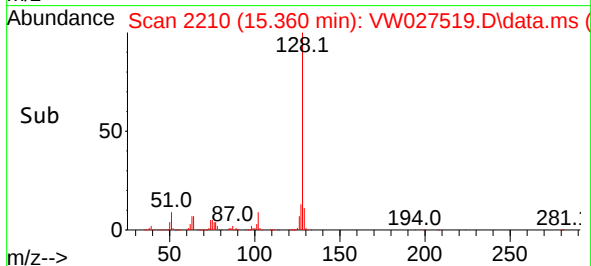
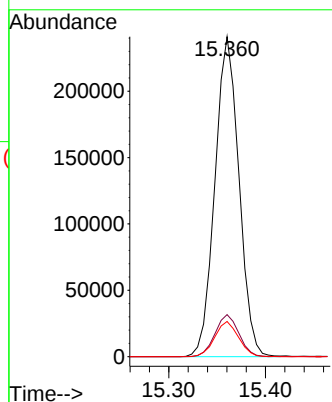
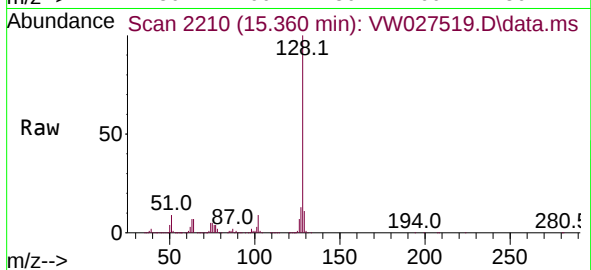
Tgt Ion:128 Resp: 416135

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.189 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027519.D

Acq: 02 Nov 2023 14:35

Tgt Ion:180 Resp: 172667

Ion Ratio Lower Upper

180 100

182 96.3 81.1 121.7

145 33.4 30.6 45.8

