

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
 Data File : VW027524.D
 Acq On : 02 Nov 2023 16:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 22:09:35 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	345335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	318015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94450	17.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.680%
7) Chloroethane-d5	2.899	69	84047	22.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	4.021	65	49543	18.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.040%
21) 2-Butanone-d5	7.075	46	76840	43.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.720%
24) Chloroform-d	7.648	84	255637	24.837	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	8.307	65	121228	21.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.720%
32) Benzene-d6	8.270	84	471146	21.898	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	9.270	67	158388	24.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.319	98	398261	20.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.640%
43) trans-1,3-Dichloroprop...	10.575	79	51286	17.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.480%
47) 2-Hexanone-d5	10.922	63	57151	42.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115141	23.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	133366	22.015	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	82082	19.977	ug/L	# 85
3) Chloromethane	2.223	50	112643	23.855	ug/L	95
5) Vinyl chloride	2.375	62	133762	25.360	ug/L	99
6) Bromomethane	2.789	94	72198	24.032	ug/L	99
8) Chloroethane	2.936	64	81995	27.006	ug/L	96
9) Trichlorofluoromethane	3.271	101	107079	28.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118806	25.497	ug/L	98
12) 1,1-Dichloroethene	4.039	96	112987	24.951	ug/L	85
13) Acetone	4.119	43	63027	41.657	ug/L	97
14) Carbon disulfide	4.387	76	280963	20.014	ug/L	100
15) Methyl Acetate	4.667	43	49733	19.245	ug/L	98
16) Methylene chloride	4.917	84	144593	22.874	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	118840	24.419	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	182075	21.684	ug/L	99
19) 1,1-Dichloroethane	6.216	63	266436	26.833	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	140367	25.540	ug/L	98
22) 2-Butanone	7.167	43	76623	33.834	ug/L	100
23) Bromochloromethane	7.514	128	53758	23.692	ug/L	93
25) Chloroform	7.673	83	256833	27.637	ug/L	99

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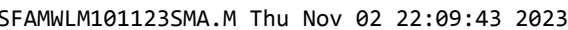
Instrument :
 MSVOA_W
 ClientSampleId :

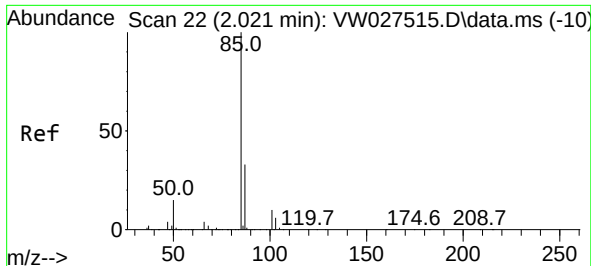
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148632	23.545	ug/L	97
29) Cyclohexane	7.959	56	223809	23.179	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	202513	26.106	ug/L	98
31) Carbon tetrachloride	8.069	117	172473	24.657	ug/L	100
33) Benzene	8.325	78	544950	26.220	ug/L	100
34) Trichloroethene	9.093	95	142083	25.881	ug/L	97
35) Methylcyclohexane	9.331	83	230441	23.472	ug/L	99
37) 1,2-Dichloropropane	9.368	63	148801	26.479	ug/L	99
38) Bromodichloromethane	9.642	83	170607	24.690	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	210982	22.728	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	153503	39.720	ug/L	98
42) Toluene	10.386	91	574491	26.350	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163796	20.912	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90682	23.450	ug/L	97
46) Tetrachloroethene	10.861	164	97739	25.783	ug/L	91
48) 2-Hexanone	10.965	43	104822	36.646	ug/L	99
49) Dibromochloromethane	11.129	129	93545	21.782	ug/L	90
50) 1,2-Dibromoethane	11.233	107	78881	21.039	ug/L	91
51) Chlorobenzene	11.654	112	349896	25.628	ug/L	97
52) Ethylbenzene	11.727	91	669817	26.438	ug/L	96
53) m,p-Xylene	11.837	106	245113	25.507	ug/L	100
54) o-Xylene	12.160	106	234543	25.488	ug/L	98
55) Styrene	12.178	104	398159	25.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	104330	22.100	ug/L	99
59) Bromoform	12.343	173	47601	19.136	ug/L	99
60) Isopropylbenzene	12.458	105	668517	25.456	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76265	20.893	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	543780	24.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	530282	24.741	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263626	24.754	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	266800	25.086	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	233576	24.717	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14971	16.411	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	179828	26.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	132563	22.529	ug/L	99
71) Naphthalene	15.360	128	228090	18.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	110474	22.832	ug/L	91

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

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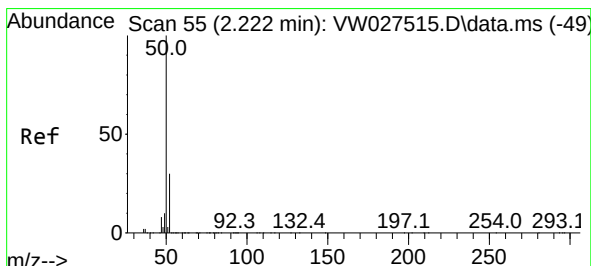
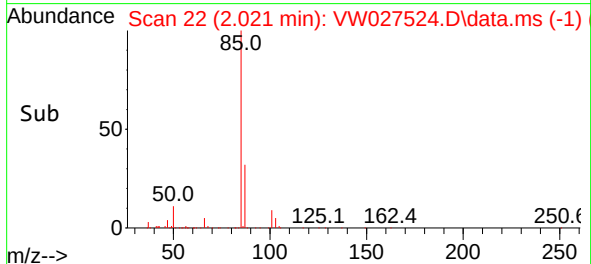
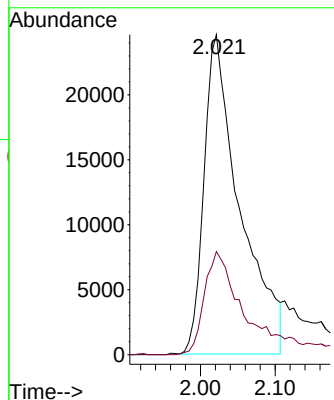
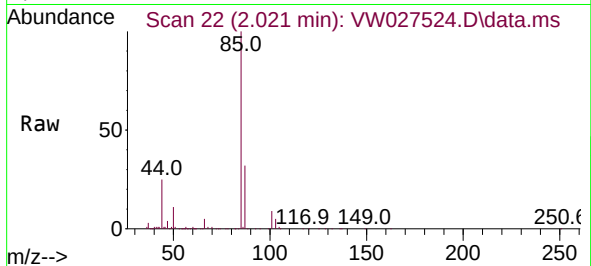




#2
Dichlorodifluoromethane
Concen: 19.977 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

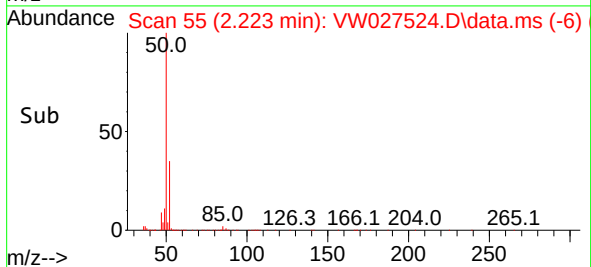
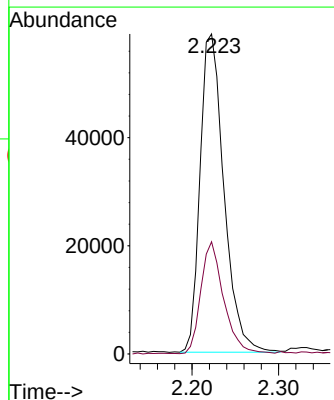
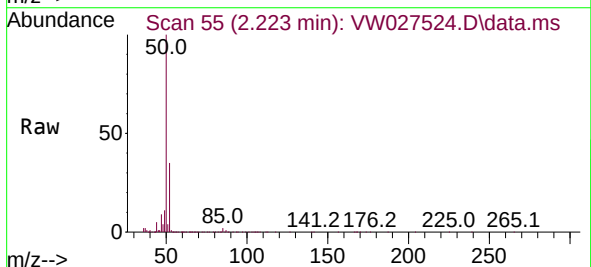
Instrument :
MSVOA_W
ClientSampleId :

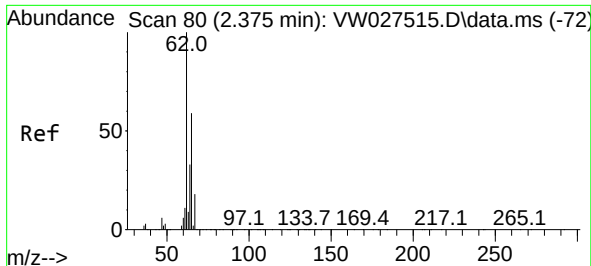
Tgt Ion: 85 Resp: 82082
Ion Ratio Lower Upper
85 100
87 30.3 18.3 27.5#



#3
Chloromethane
Concen: 23.855 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 50 Resp: 112643
Ion Ratio Lower Upper
50 100
52 35.0 22.7 42.3

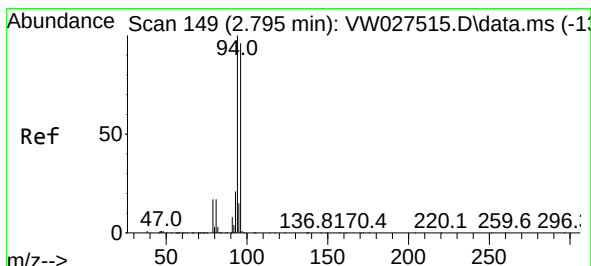
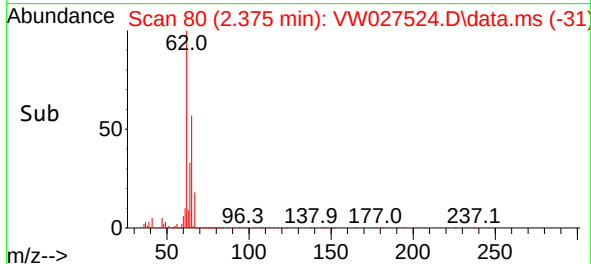
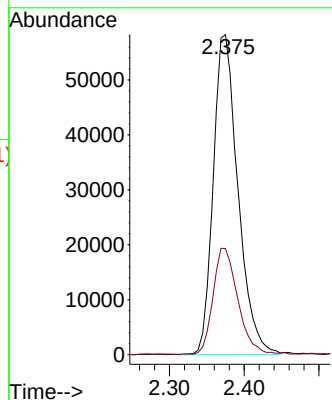
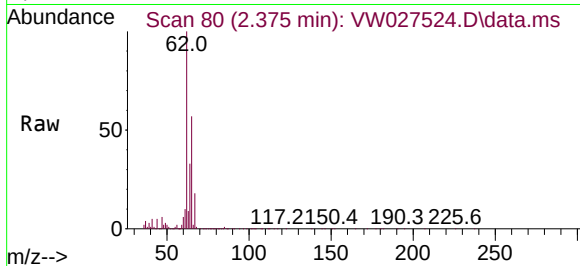




#5
 Vinyl chloride
 Concen: 25.360 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027524.D
 Acq: 02 Nov 2023 16:51

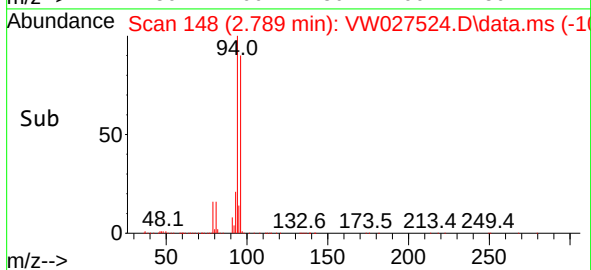
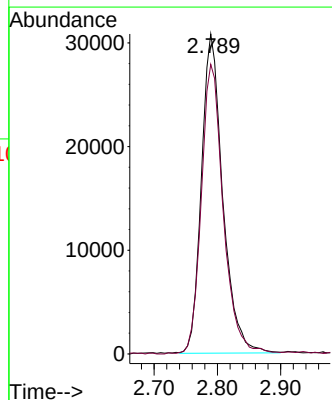
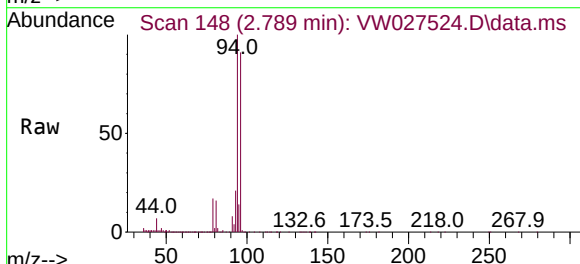
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 ClientSampleId :

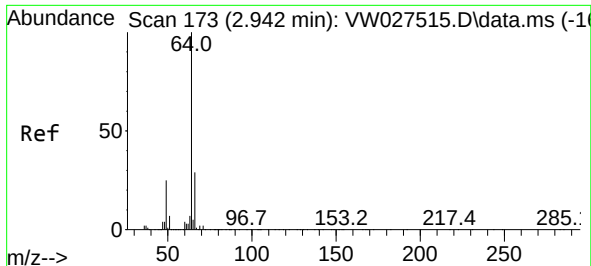
Tgt Ion: 62 Resp: 133762
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#6
 Bromomethane
 Concen: 24.032 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027524.D
 Acq: 02 Nov 2023 16:51

Tgt Ion: 94 Resp: 72198
 Ion Ratio Lower Upper
 94 100
 96 90.5 62.9 116.9

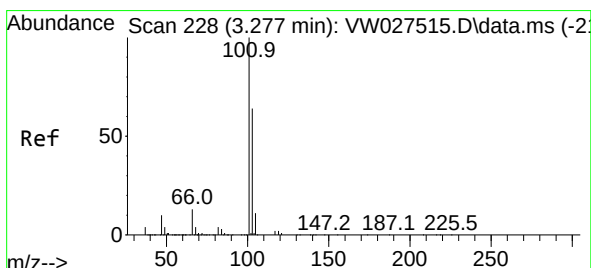
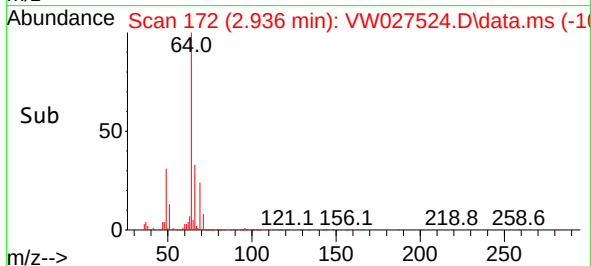
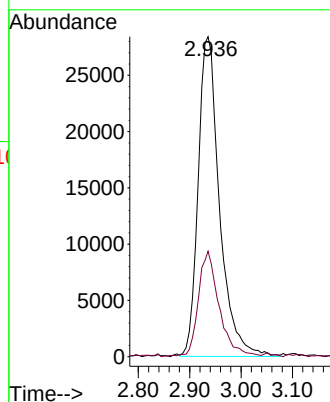
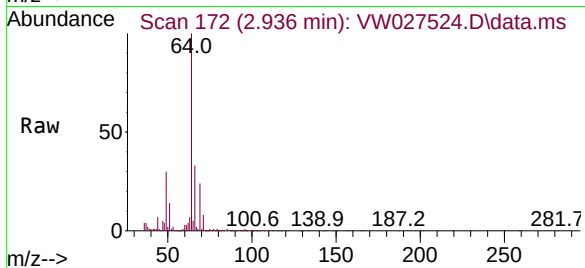




#8
Chloroethane
Concen: 27.006 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

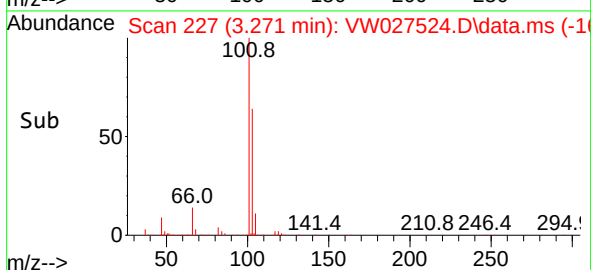
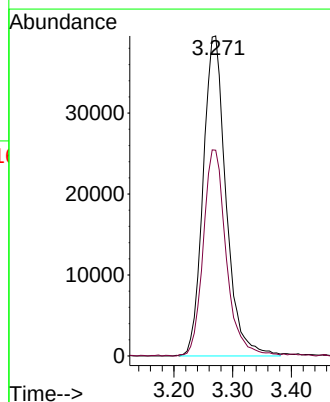
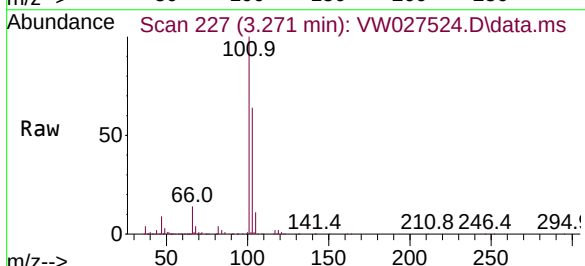
Instrument :
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ClientSampleId :

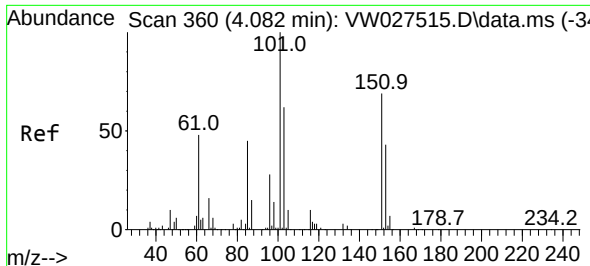
Tgt Ion: 64 Resp: 81995
Ion Ratio Lower Upper
64 100
66 32.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 28.775 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 101 Resp: 107079
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

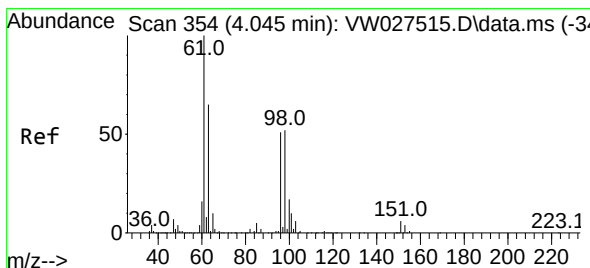
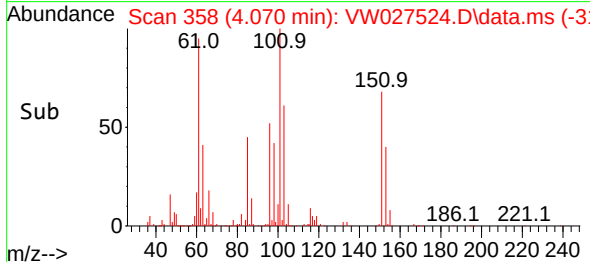
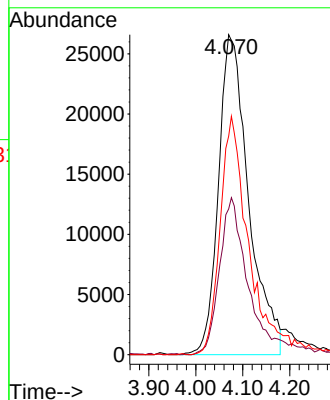
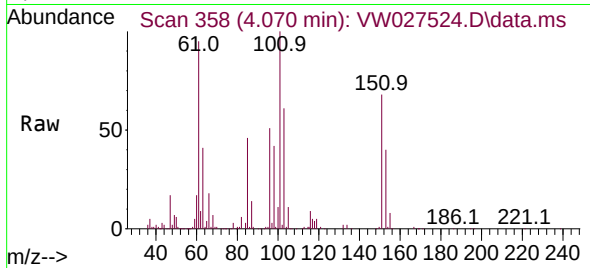




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.497 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW027524.D
 Acq: 02 Nov 2023 16:51

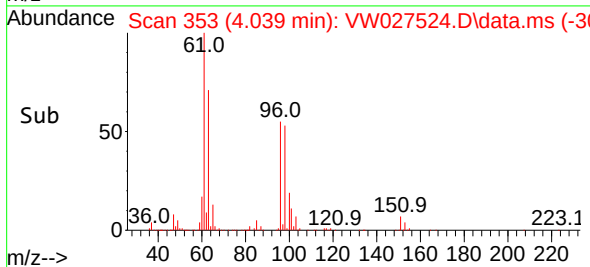
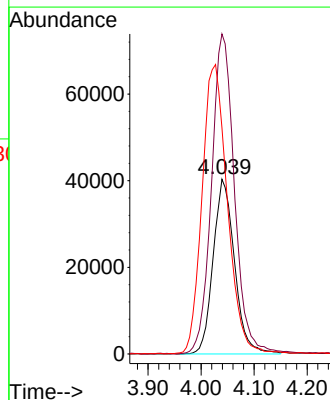
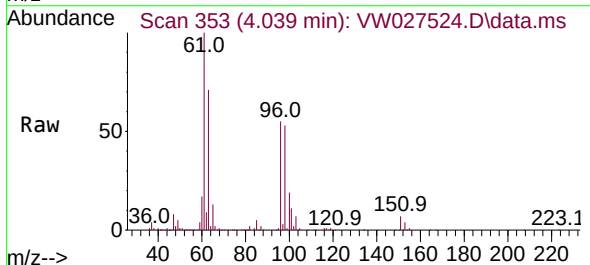
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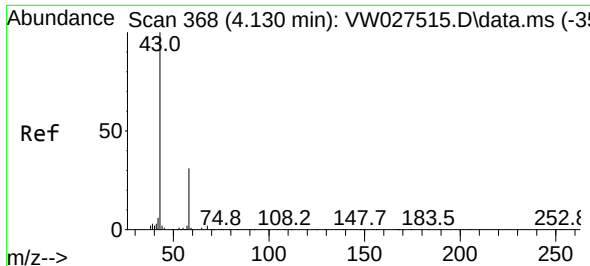
Tgt Ion:101 Resp: 118806
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.1 51.1
 151 63.2 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 24.951 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027524.D
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Tgt Ion: 96 Resp: 112987
 Ion Ratio Lower Upper
 96 100
 61 183.2 133.3 247.5
 63 129.4 115.8 215.2

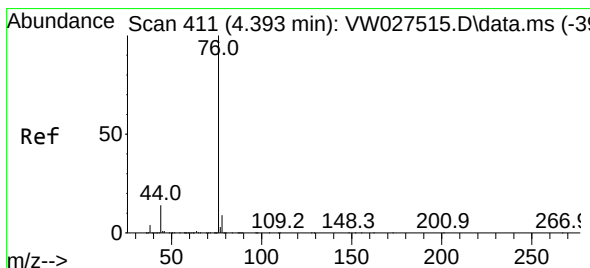
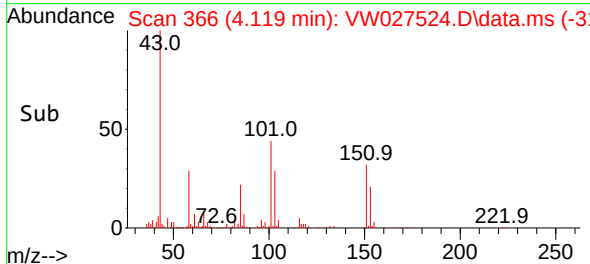
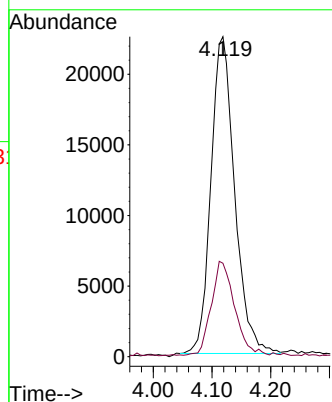
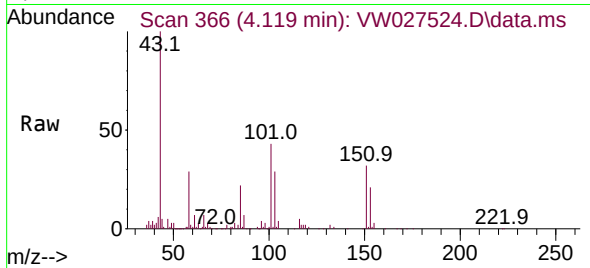




#13
Acetone
Concen: 41.657 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

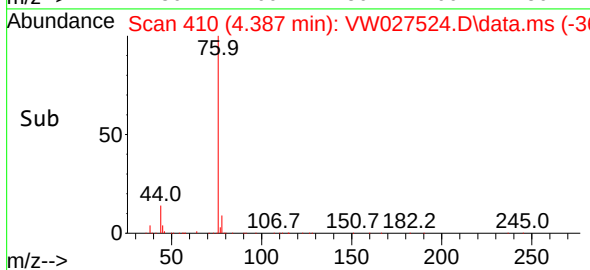
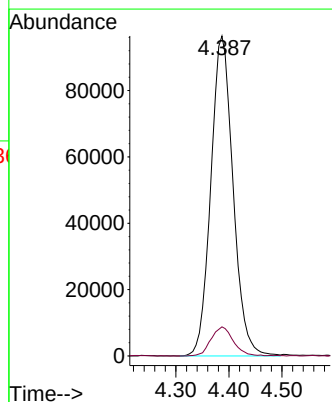
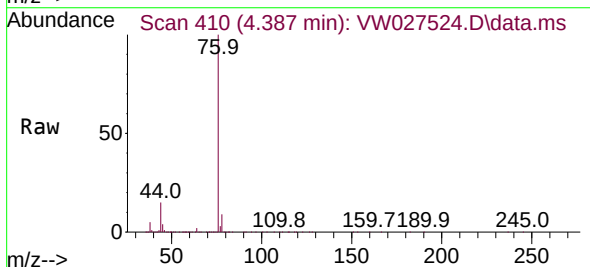
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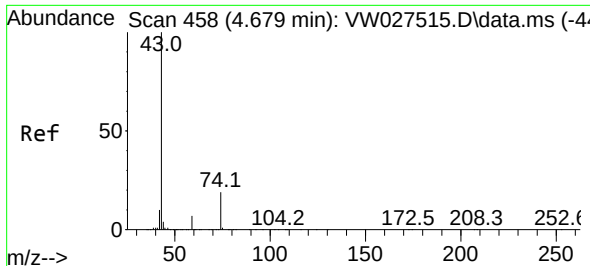
Tgt Ion: 43 Resp: 63027
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.8



#14
Carbon disulfide
Concen: 20.014 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 76 Resp: 280963
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

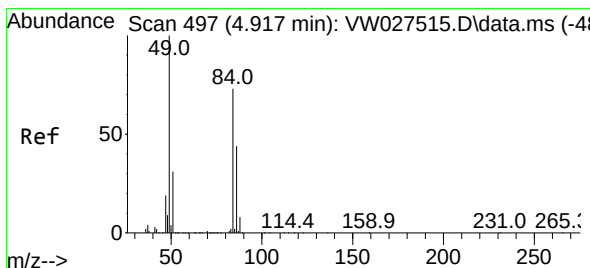
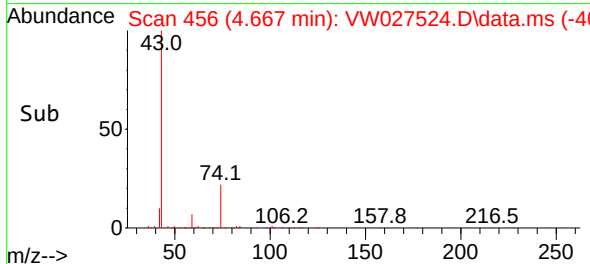
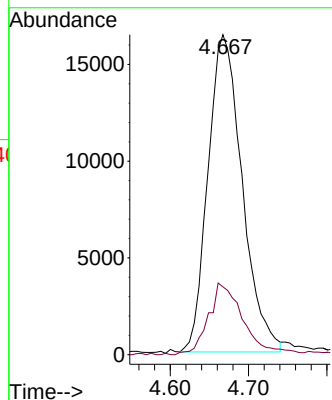
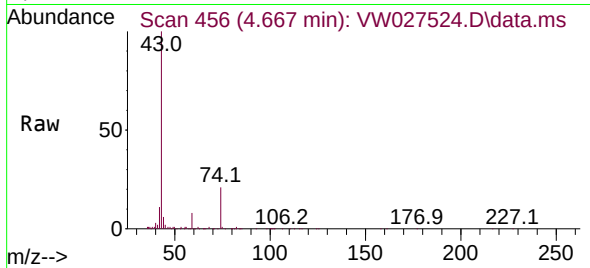




#15
Methyl Acetate
Concen: 19.245 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

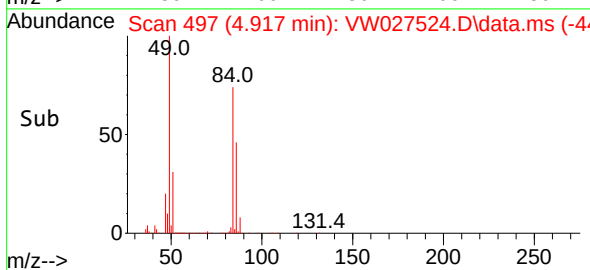
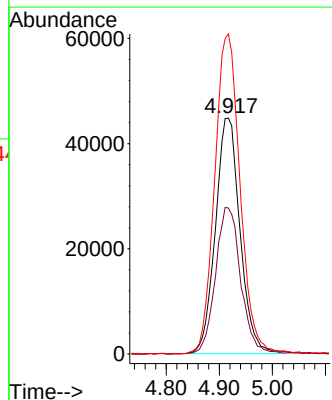
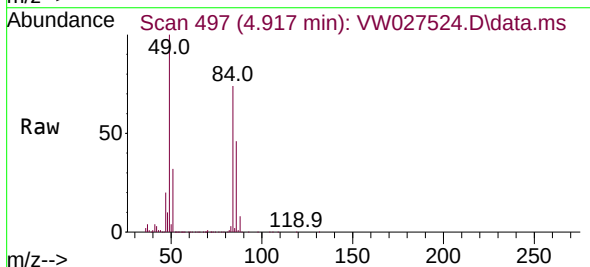
Instrument :
MSVOA_W
ClientSampleId :

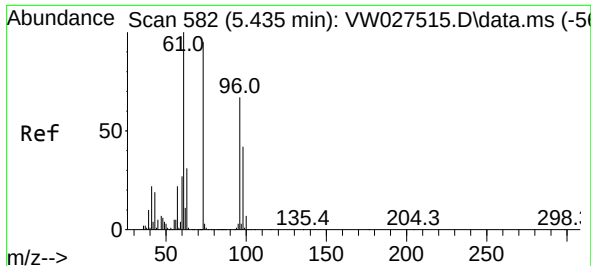
Tgt Ion: 43 Resp: 49733
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3



#16
Methylene chloride
Concen: 22.874 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 84 Resp: 144593
Ion Ratio Lower Upper
84 100
86 61.9 41.3 76.7
49 135.7 92.8 172.4

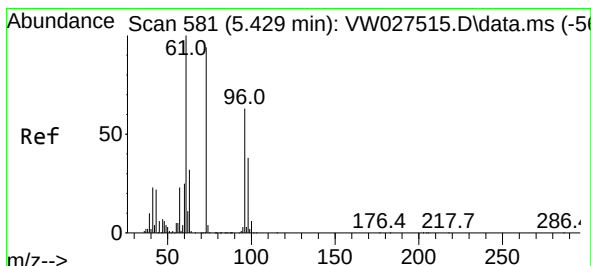
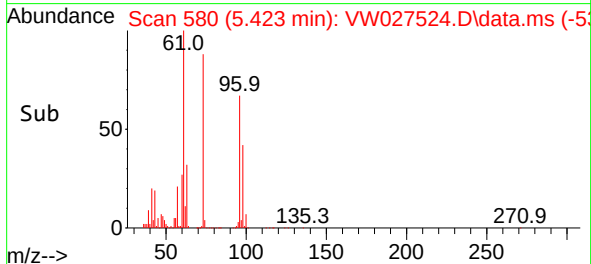
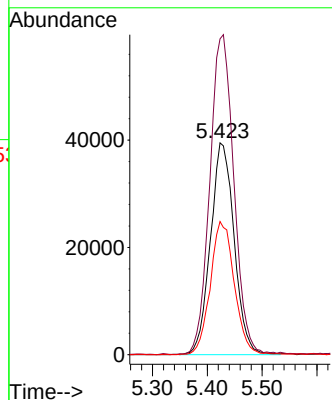
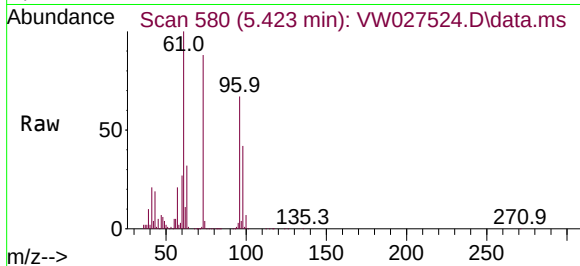




#17
trans-1,2-Dichloroethene
Concen: 24.419 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

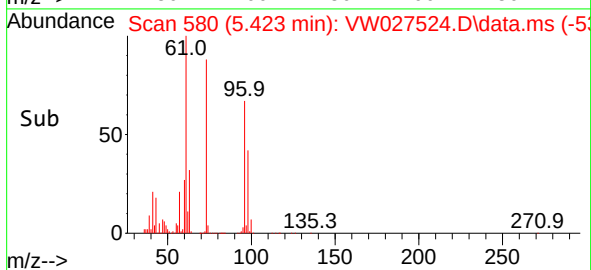
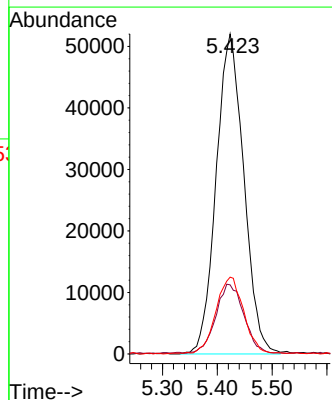
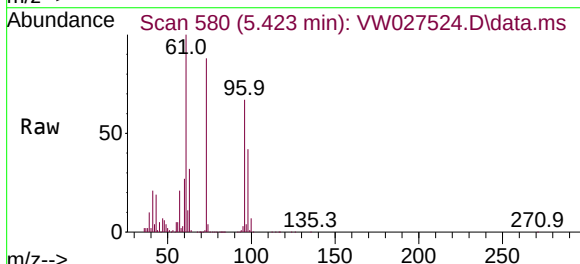
Instrument :
MSVOA_W
ClientSampleId :

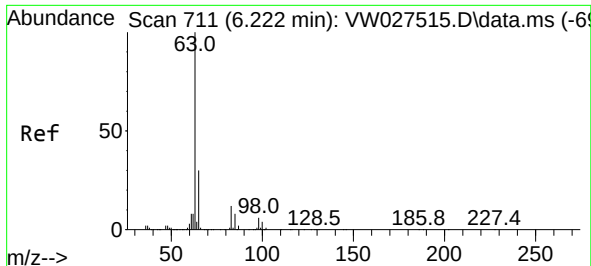
Tgt Ion: 96 Resp: 118840
Ion Ratio Lower Upper
96 100
61 149.1 105.6 196.0
98 62.9 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 21.684 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 73 Resp: 182075
Ion Ratio Lower Upper
73 100
43 21.8 17.7 26.5
57 23.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.833 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027524.D

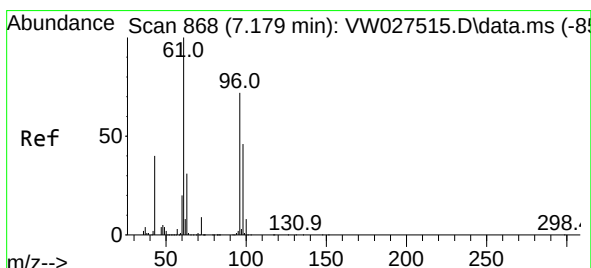
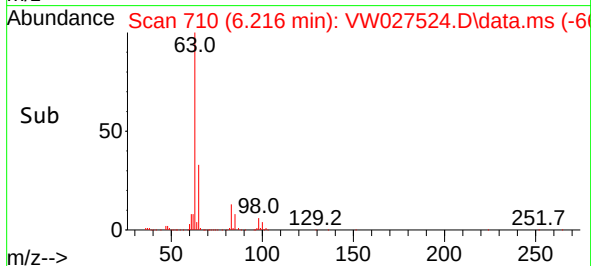
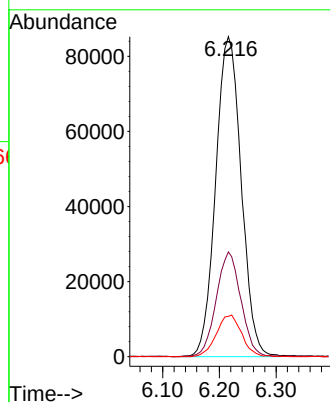
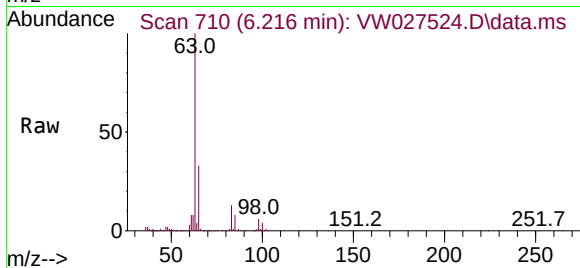
Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 266436
Ion Ratio	Lower Upper
63 100	
65 32.8	22.9 42.5
83 12.6	9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.540 ug/L

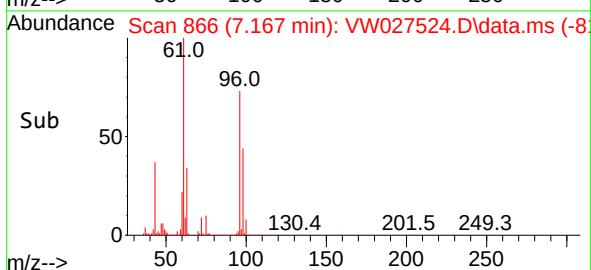
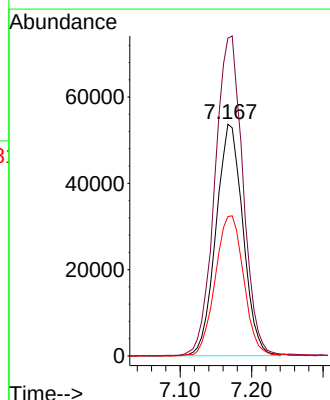
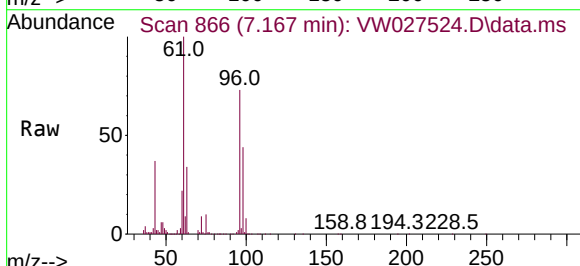
RT: 7.167 min Scan# 866

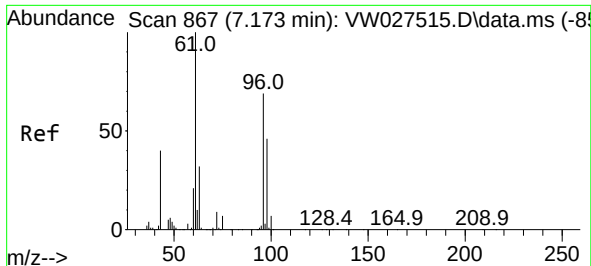
Delta R.T. -0.012 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Tgt Ion: 96	Resp: 140367		
Ion Ratio	Lower	Upper	
96	100		
61	137.1	96.2	178.8
98	60.1	46.0	85.4

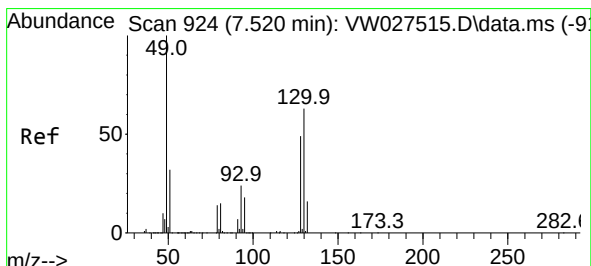
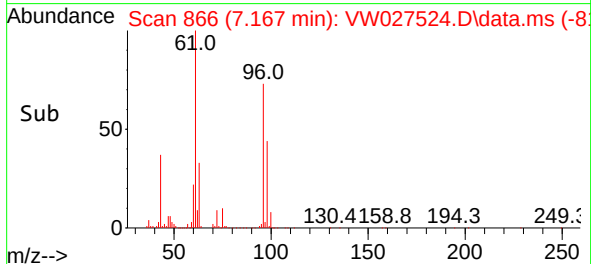
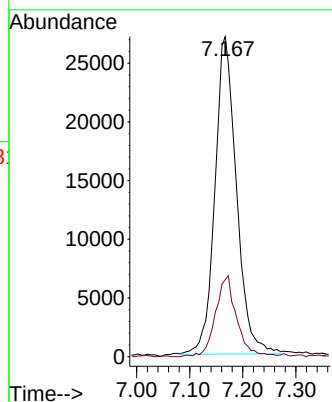
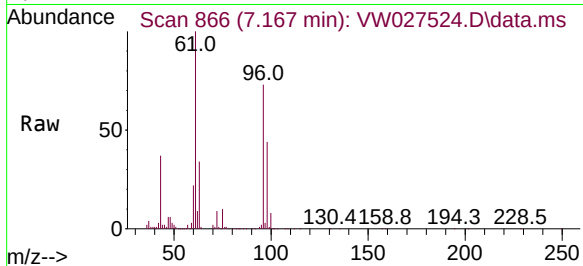




#22
2-Butanone
Concen: 33.834 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

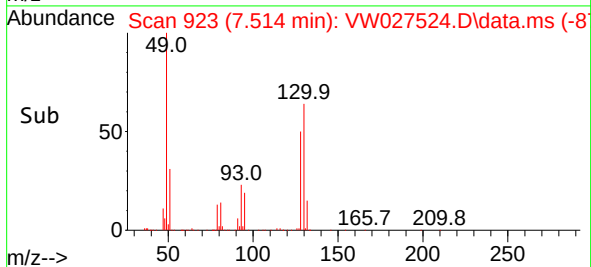
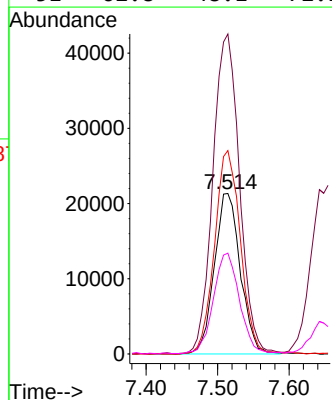
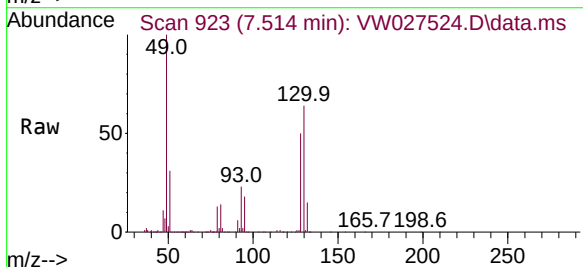
Instrument :
MSVOA_W
ClientSampleId :

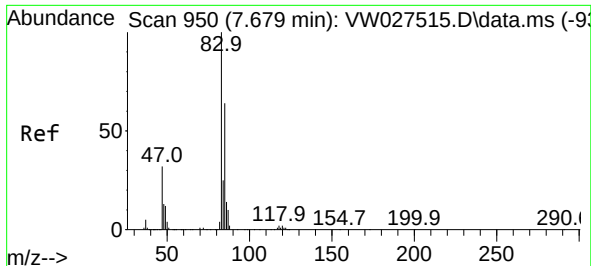
Tgt Ion: 43 Resp: 76623
Ion Ratio Lower Upper
43 100
72 24.5 12.3 36.8



#23
Bromochloromethane
Concen: 23.692 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 128 Resp: 53758
Ion Ratio Lower Upper
128 100
49 199.4 128.9 239.5
130 126.7 85.0 157.8
51 62.8 48.1 72.1

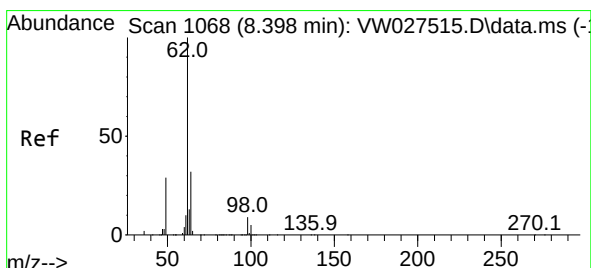
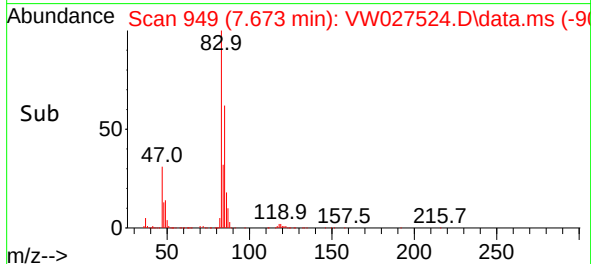
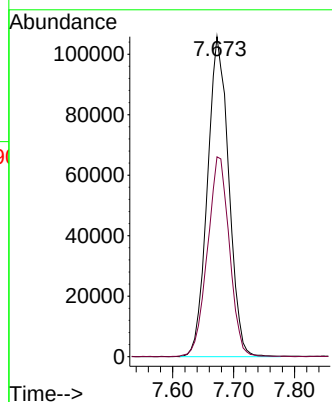
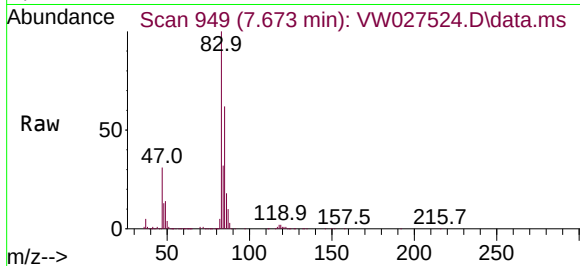




#25
Chloroform
Concen: 27.637 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

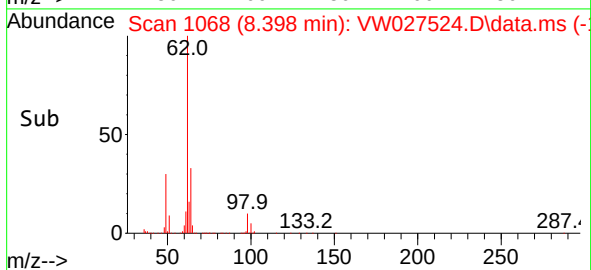
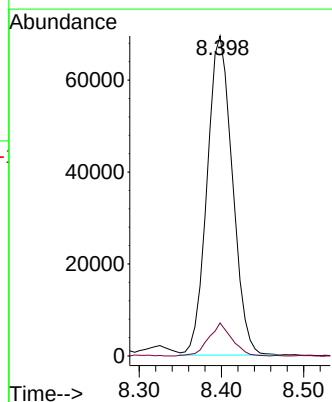
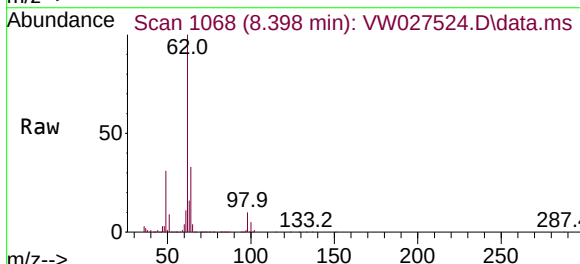
Instrument :
MSVOA_W
ClientSampleId :

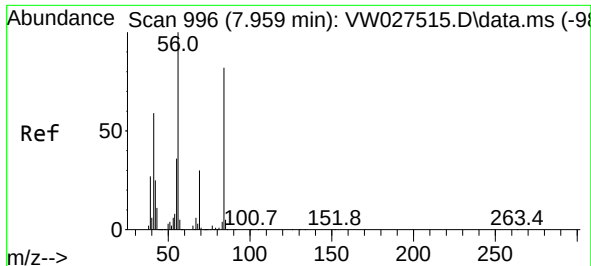
Tgt Ion: 83 Resp: 256833
Ion Ratio Lower Upper
83 100
85 62.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.545 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 62 Resp: 148632
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3

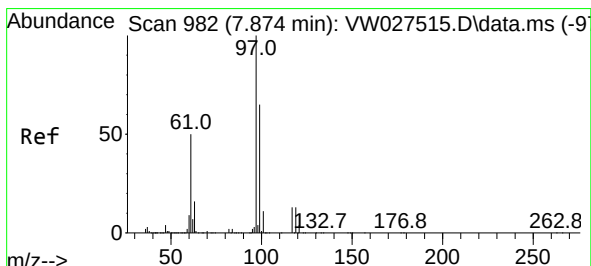
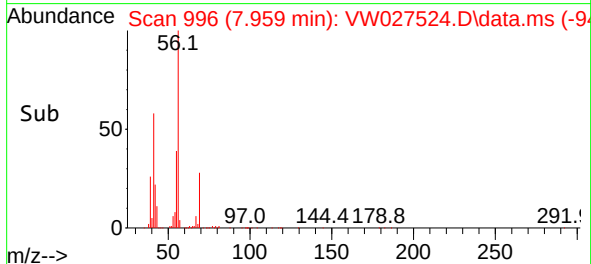
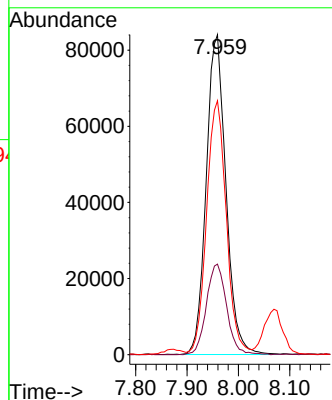
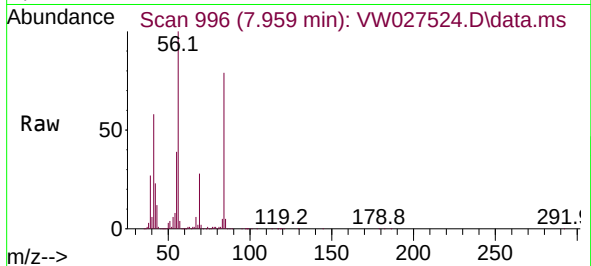




#29
Cyclohexane
Concen: 23.179 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

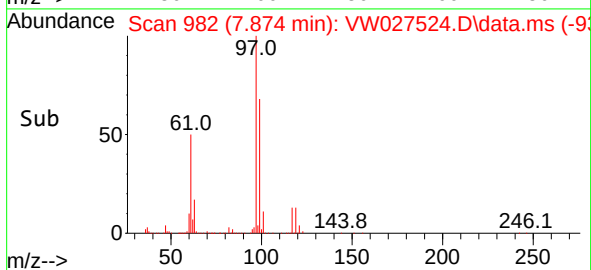
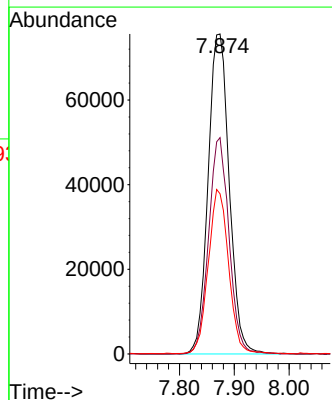
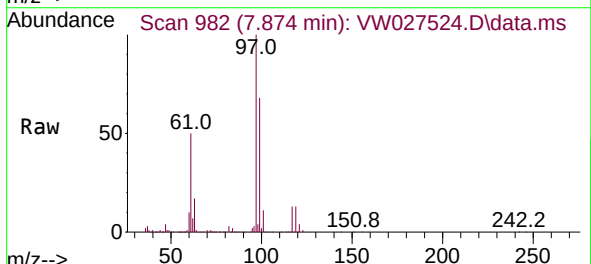
Instrument :
MSVOA_W
ClientSampleId :

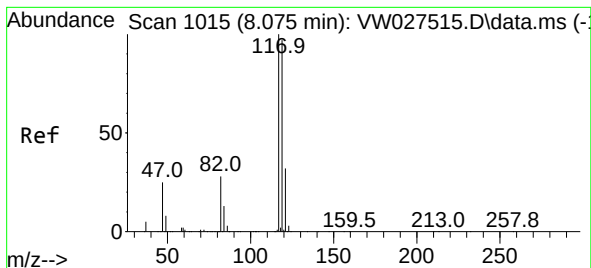
Tgt Ion: 56 Resp: 223809
Ion Ratio Lower Upper
56 100
69 29.1 24.2 36.4
84 79.3 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 26.106 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 97 Resp: 202513
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 49.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 24.657 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

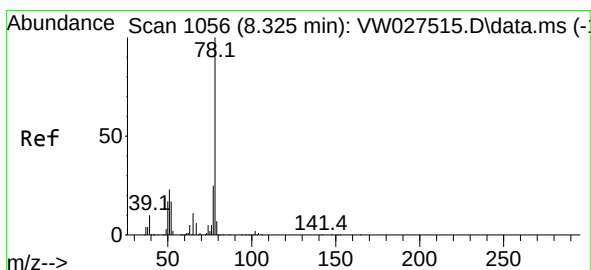
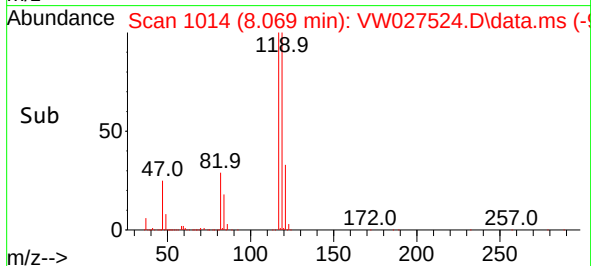
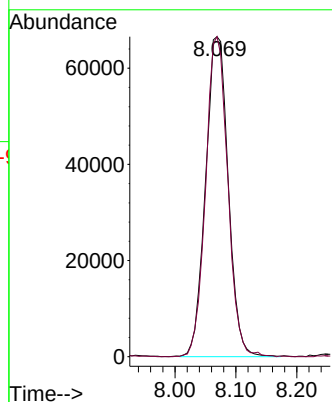
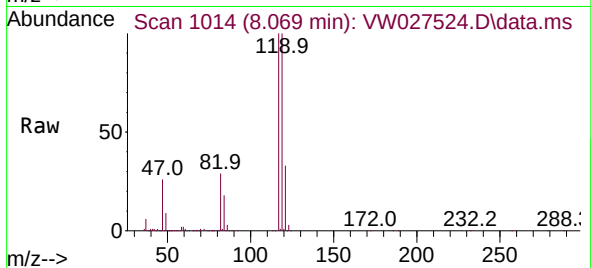
ClientSampleId :

Tgt Ion:117 Resp: 172473

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7



#33

Benzene

Concen: 26.220 ug/L

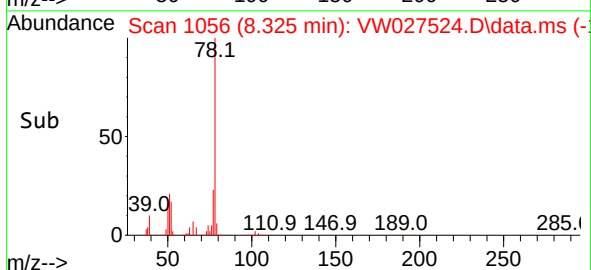
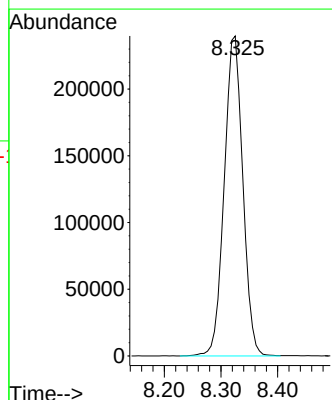
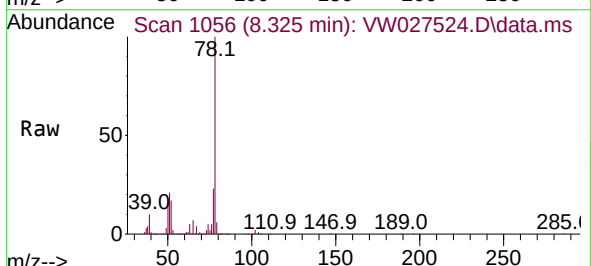
RT: 8.325 min Scan# 1056

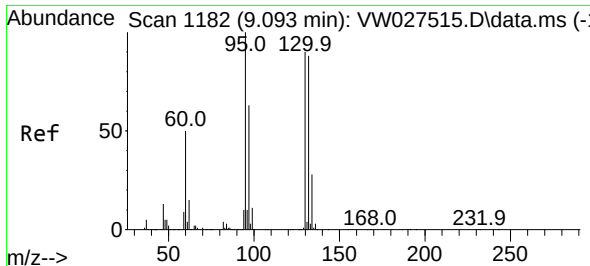
Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Tgt Ion: 78 Resp: 544950



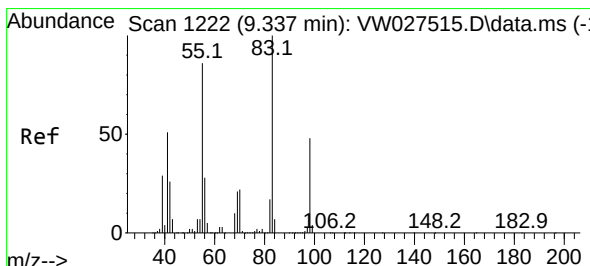
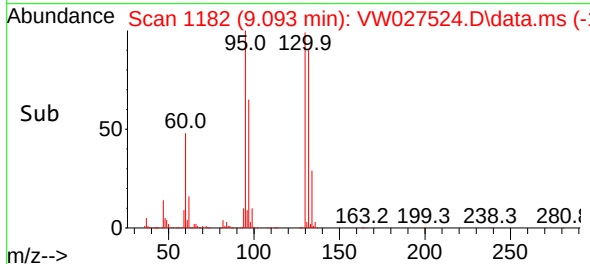
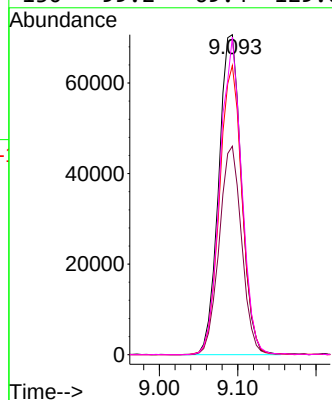
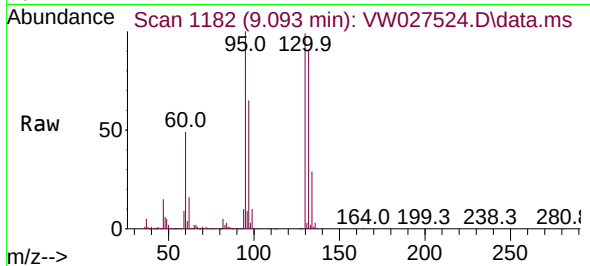


#34
Trichloroethene
Concen: 25.881 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 142083

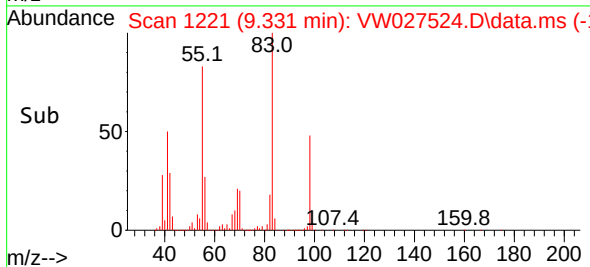
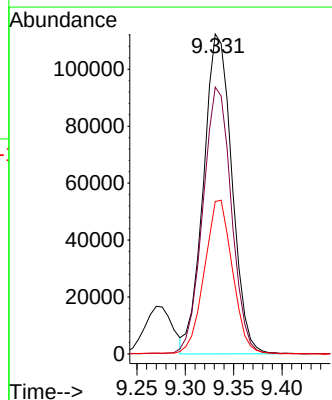
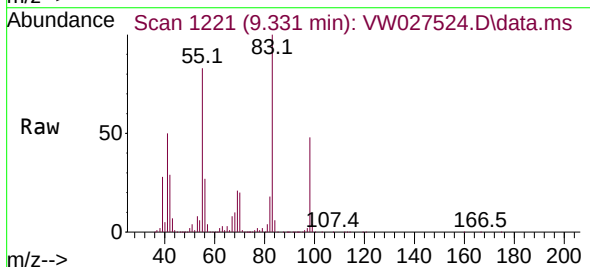
Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.4	80.6
132	90.4	67.6	125.6
130	99.2	69.4	129.0

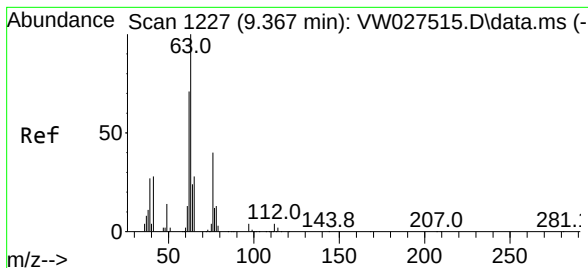


#35
Methylcyclohexane
Concen: 23.472 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 83 Resp: 230441

Ion	Ratio	Lower	Upper
83	100		
55	83.7	65.8	98.8
98	47.5	38.1	57.1

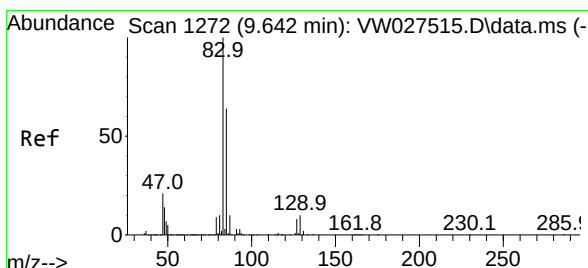
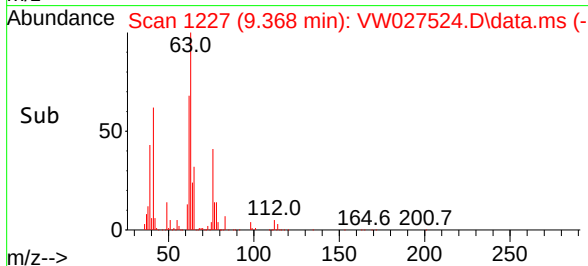
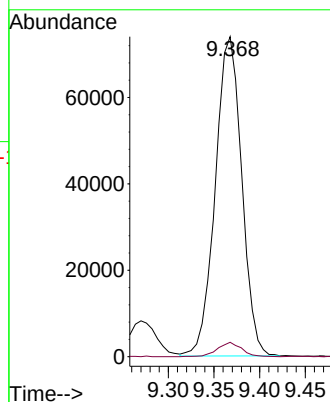
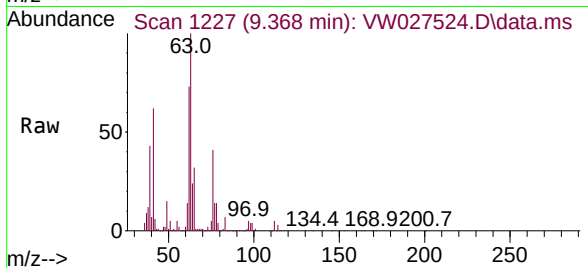




#37
1,2-Dichloropropane
Concen: 26.479 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

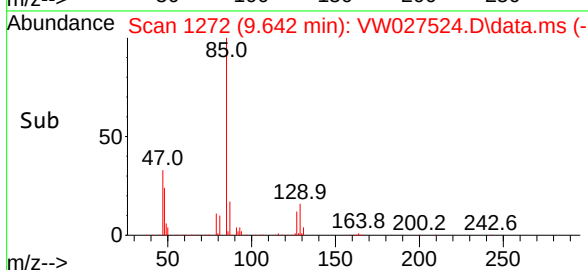
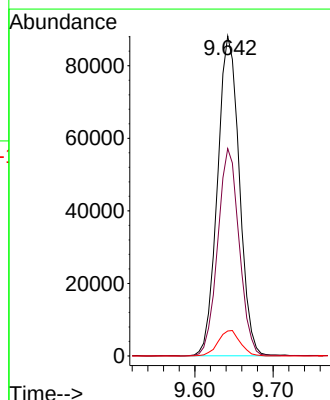
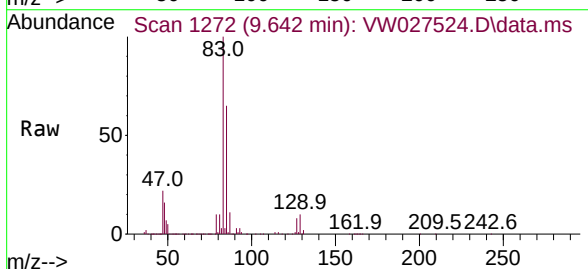
Instrument :
MSVOA_W
ClientSampleId :

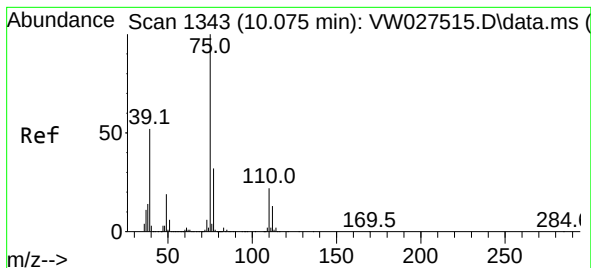
Tgt Ion: 63 Resp: 148801
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 24.690 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 83 Resp: 170607
Ion Ratio Lower Upper
83 100
85 64.8 43.9 81.5
127 7.8 6.2 9.2

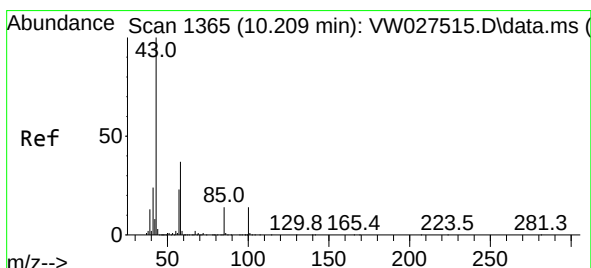
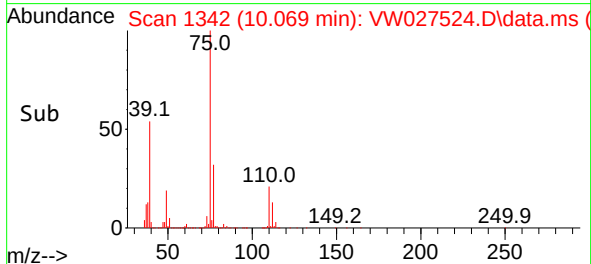
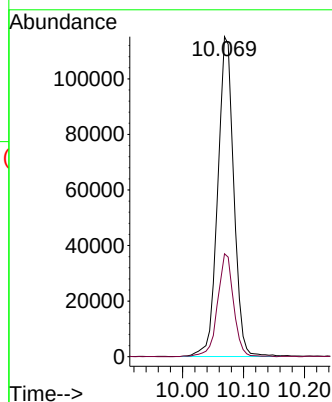
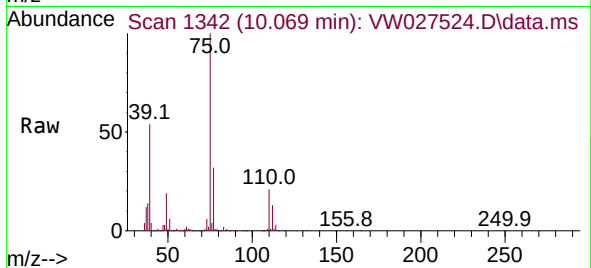




#39
 cis-1,3-Dichloropropene
 Concen: 22.728 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW027524.D
 Acq: 02 Nov 2023 16:51

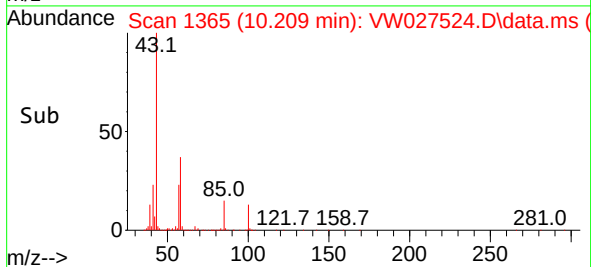
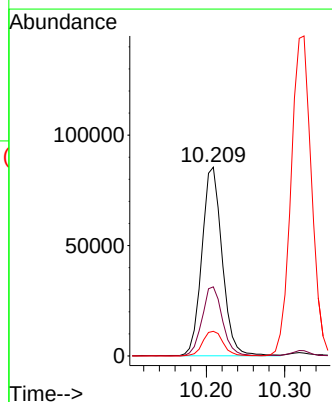
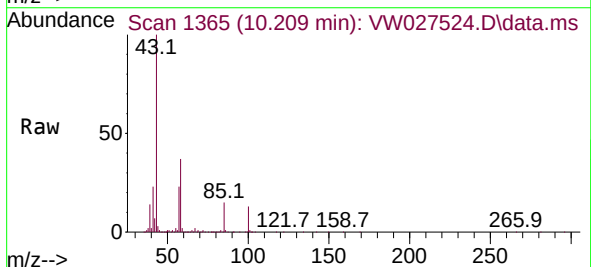
Instrument :
 MSVOA_W
 ClientSampleId :

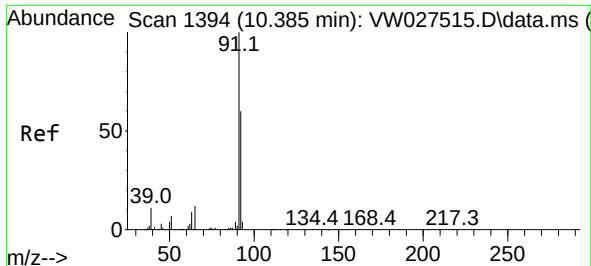
Tgt Ion: 75 Resp: 210982
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 39.720 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027524.D
 Acq: 02 Nov 2023 16:51

Tgt Ion: 43 Resp: 153503
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.5 45.7
 100 13.2 11.5 17.3

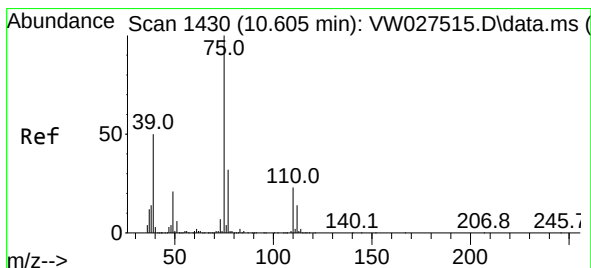
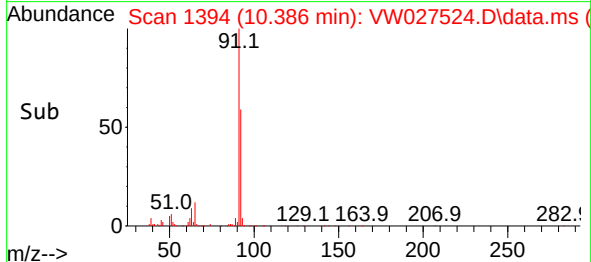
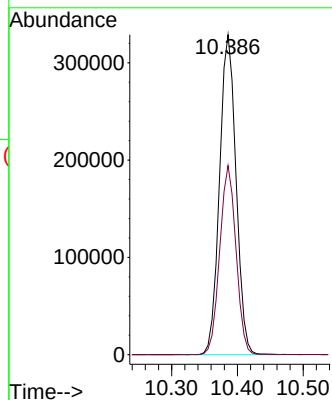
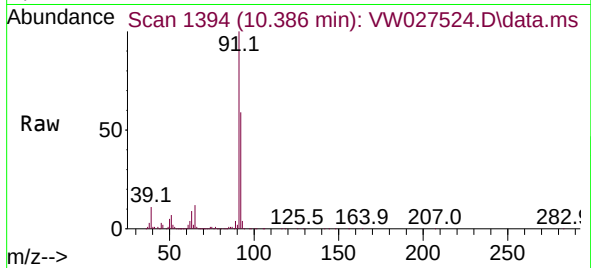




#42
Toluene
Concen: 26.350 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

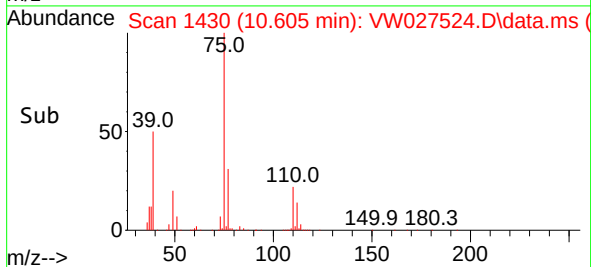
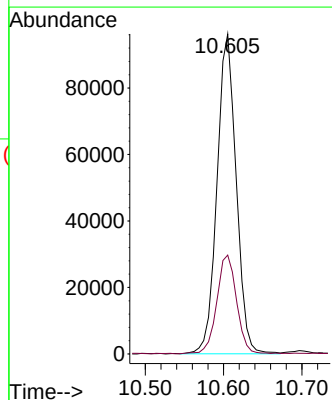
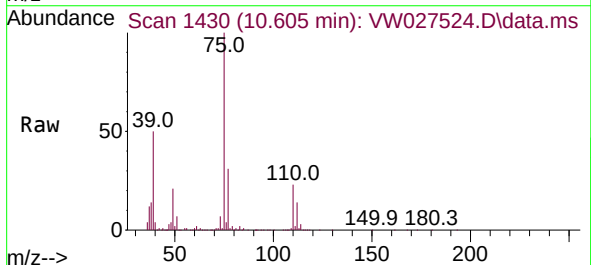
Instrument :
MSVOA_W
ClientSampleId :

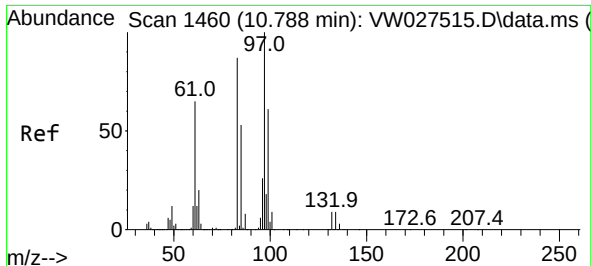
Tgt Ion: 91 Resp: 574491
Ion Ratio Lower Upper
91 100
92 59.1 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 20.912 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 75 Resp: 163796
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0

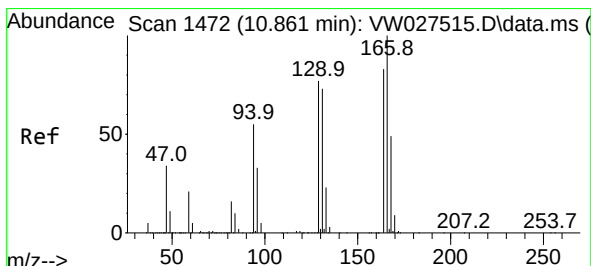
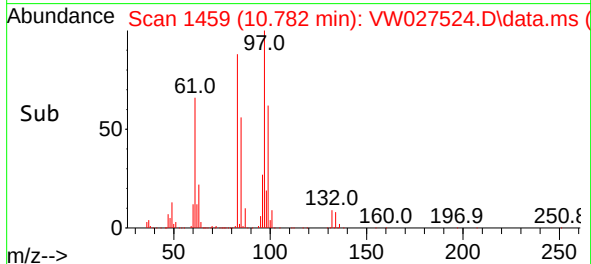
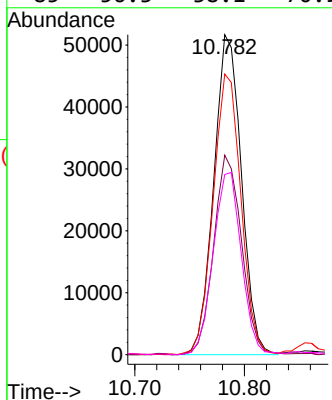
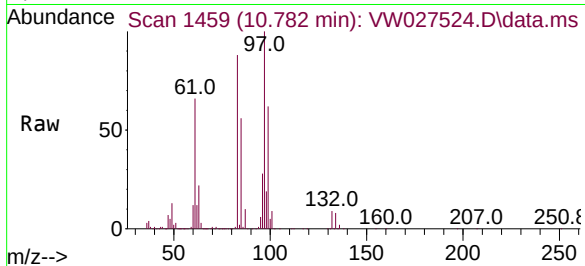




#45
1,1,2-Trichloroethane
Concen: 23.450 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

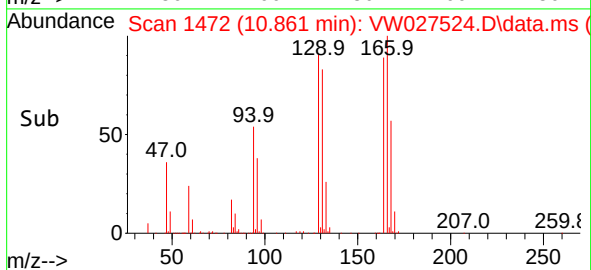
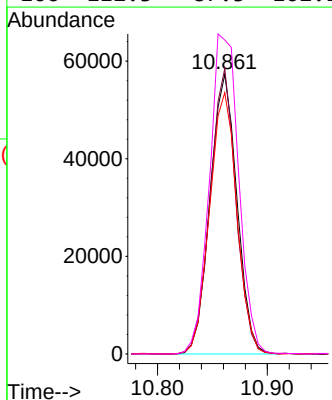
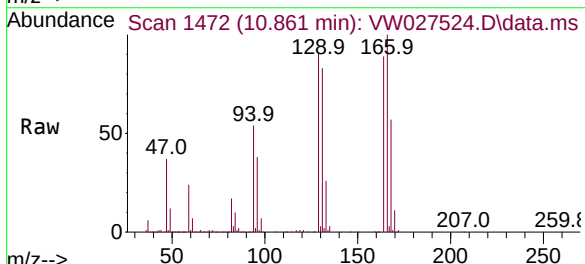
Instrument :
MSVOA_W
ClientSampleId :

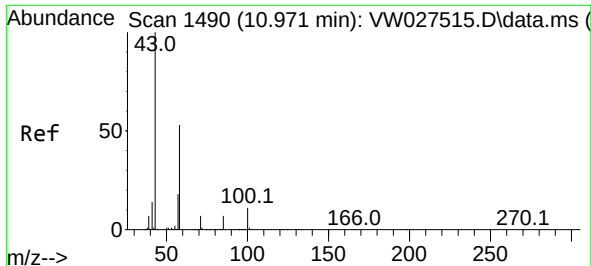
Tgt Ion: 97	Resp: 90682
Ion Ratio	Lower Upper
97 100	
99 62.4	43.8 81.4
83 87.7	57.5 106.7
85 56.3	38.1 70.9



#46
Tetrachloroethene
Concen: 25.783 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

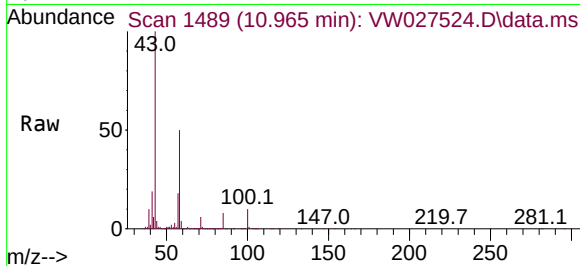
Tgt	Ion:164	Resp:	97739
Ion	Ratio	Lower	Upper
164	100		
129	102.1	74.7	138.7
131	93.5	73.2	136.0
166	112.3	87.3	162.1



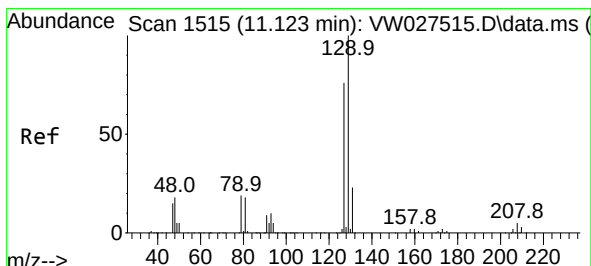
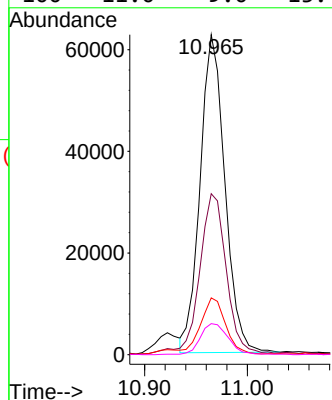
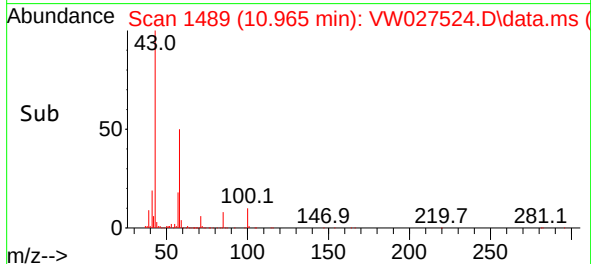


#48
2-Hexanone
Concen: 36.646 ug/L
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Instrument :
MSVOA_W
ClientSampleId :

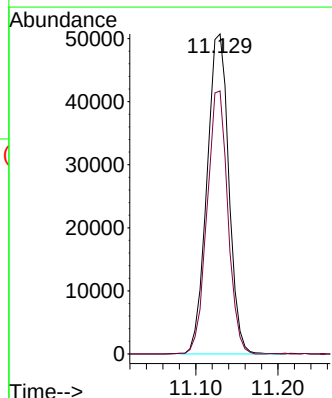
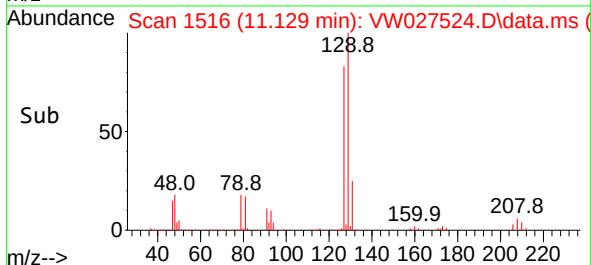
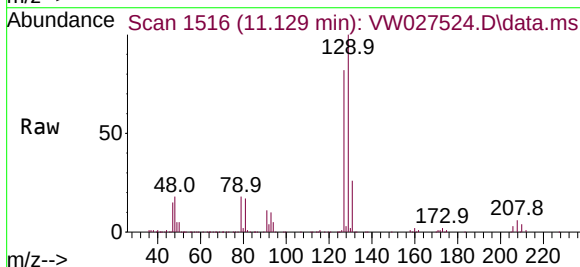


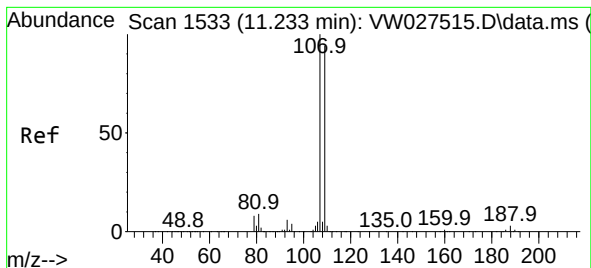
Tgt Ion: 43 Resp: 104822
Ion Ratio Lower Upper
43 100
58 53.7 42.2 63.4
57 18.1 15.1 22.7
100 11.0 9.0 13.4



#49
Dibromochloromethane
Concen: 21.782 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion:129 Resp: 93545
Ion Ratio Lower Upper
129 100
127 82.2 51.7 95.9

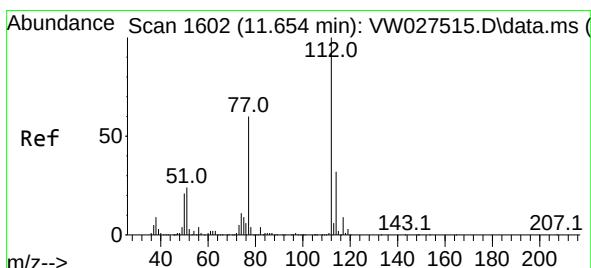
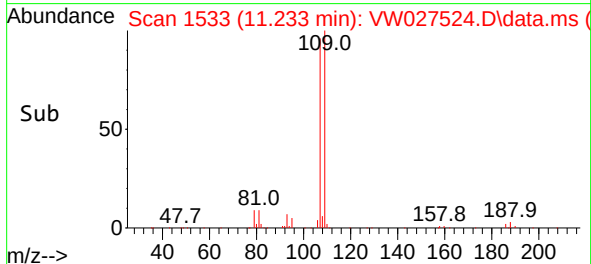
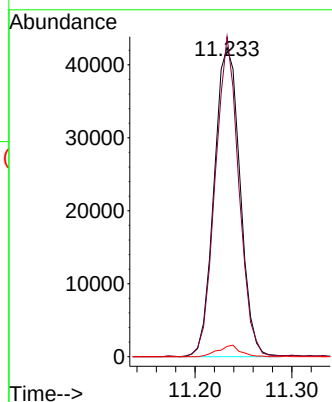
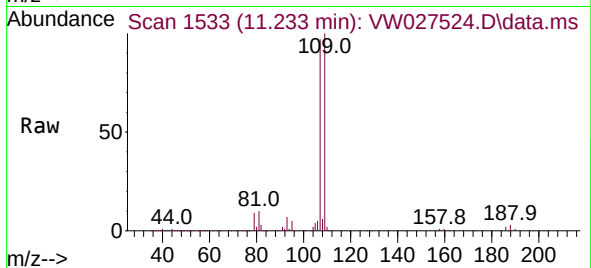




#50
1,2-Dibromoethane
Concen: 21.039 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

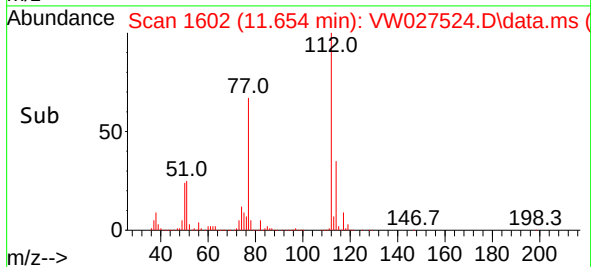
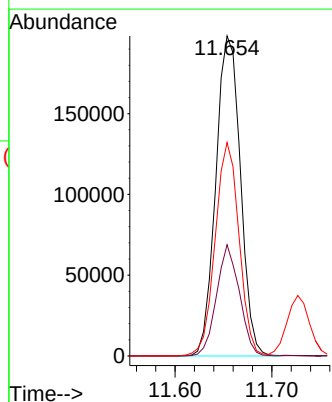
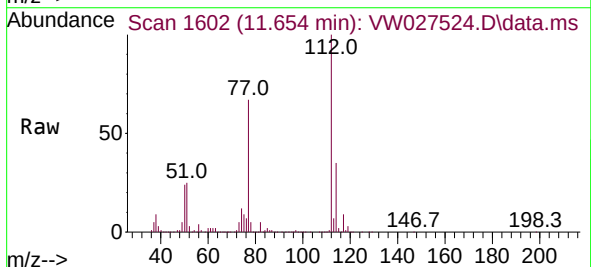
Instrument :
MSVOA_W
ClientSampleId :

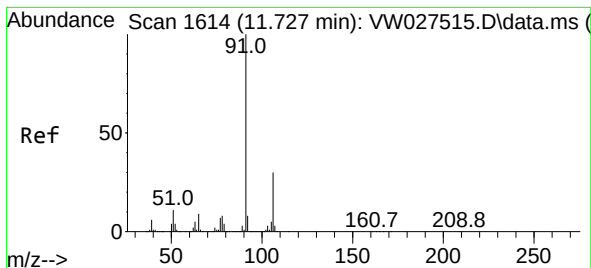
Tgt Ion:107 Resp: 78881
Ion Ratio Lower Upper
107 100
109 103.5 66.3 123.1
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 25.628 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion:112 Resp: 349896
Ion Ratio Lower Upper
112 100
114 34.8 21.8 40.6
77 66.7 52.2 78.4

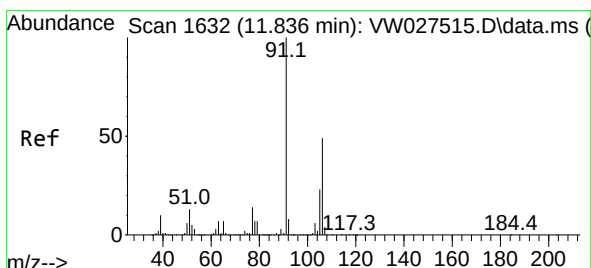
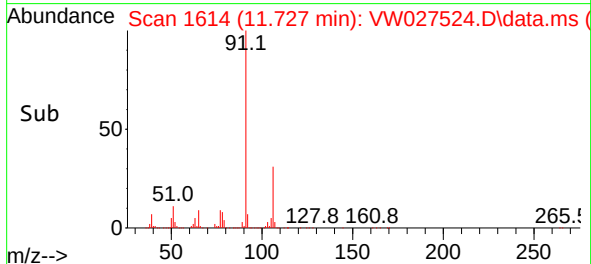
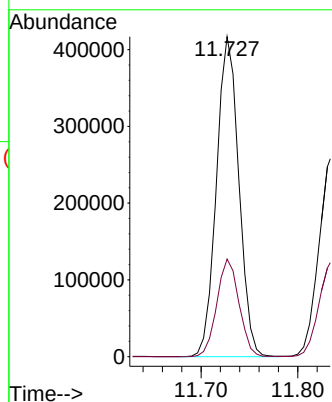
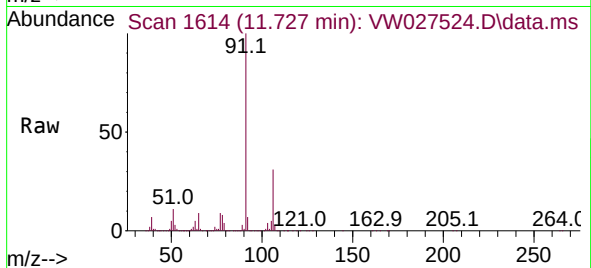




#52
Ethylbenzene
Concen: 26.438 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

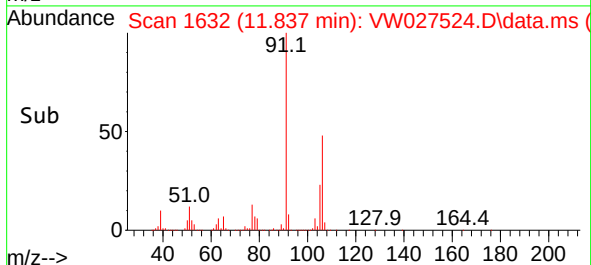
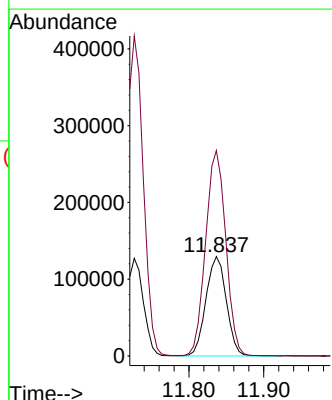
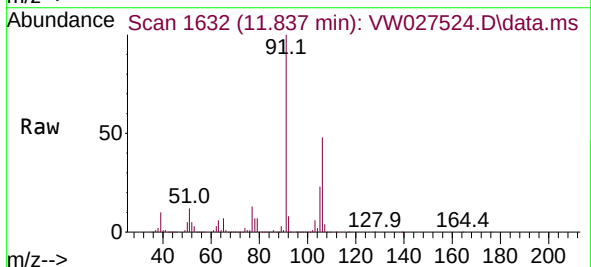
Instrument :
MSVOA_W
ClientSampleId :

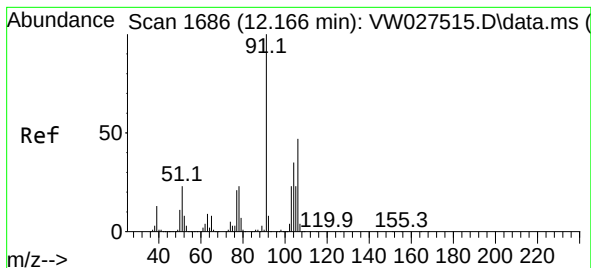
Tgt Ion: 91 Resp: 669817
Ion Ratio Lower Upper
91 100
106 30.5 19.8 36.8



#53
m,p-Xylene
Concen: 25.507 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion: 106 Resp: 245113
Ion Ratio Lower Upper
106 100
91 207.0 144.5 268.4





#54

o-Xylene

Concen: 25.488 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

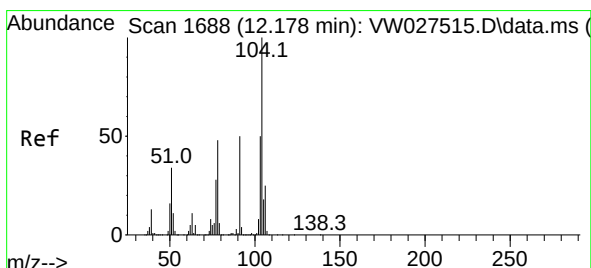
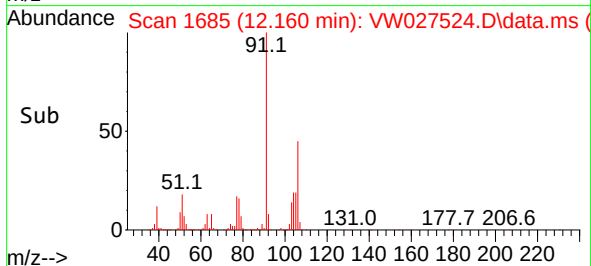
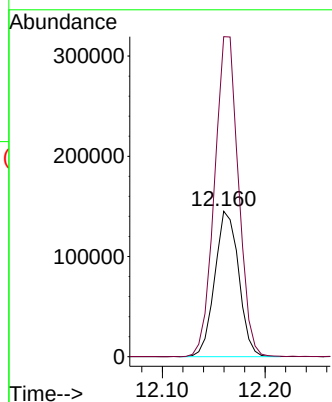
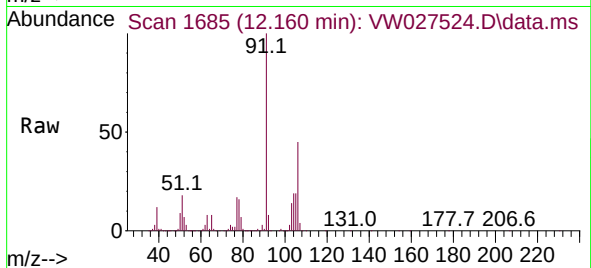
ClientSampleId :

Tgt Ion:106 Resp: 234543

Ion Ratio Lower Upper

106 100

91 220.0 152.0 282.2



#55

Styrene

Concen: 25.335 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027524.D

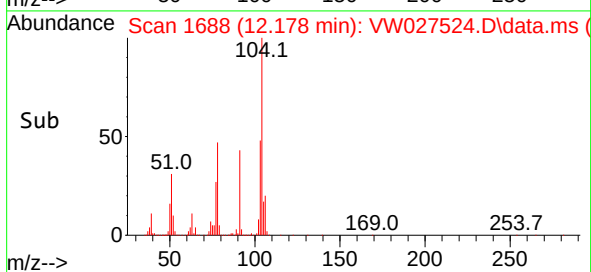
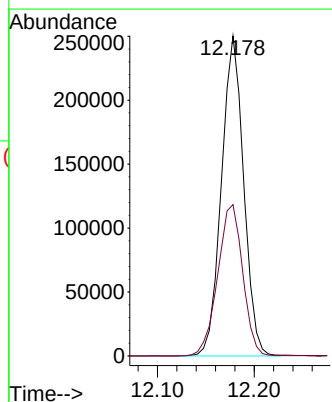
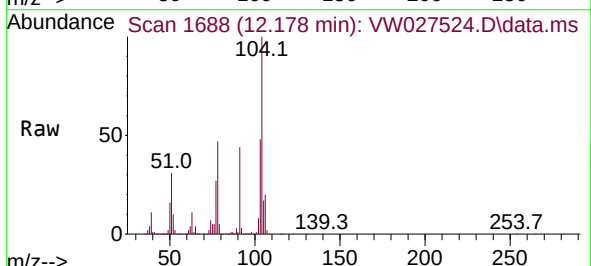
Acq: 02 Nov 2023 16:51

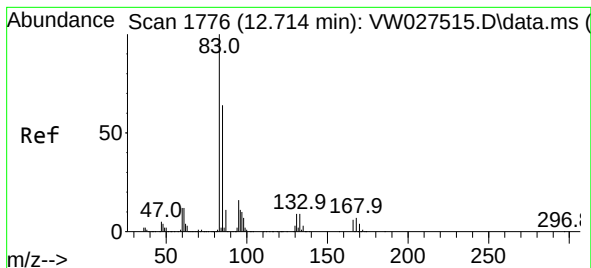
Tgt Ion:104 Resp: 398159

Ion Ratio Lower Upper

104 100

78 47.3 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.100 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

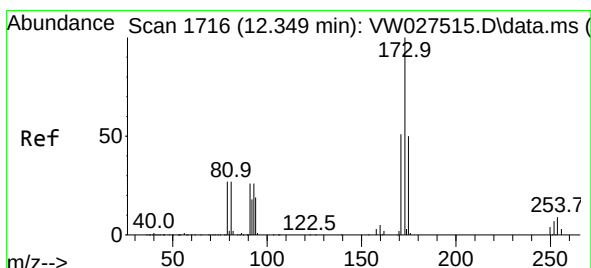
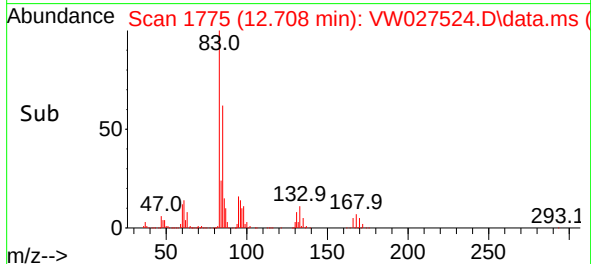
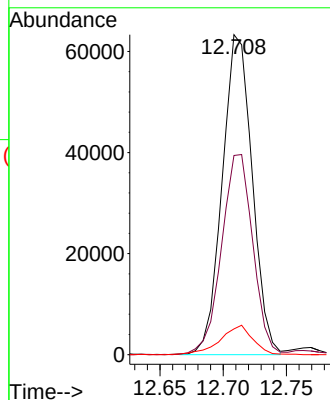
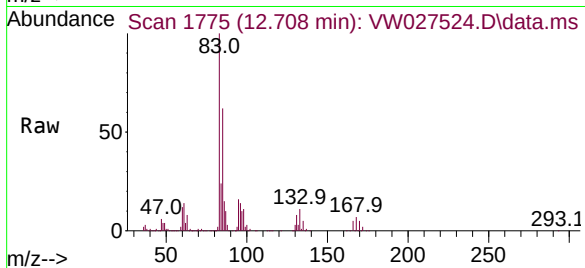
Tgt Ion: 83 Resp: 104330

Ion Ratio Lower Upper

83 100

85 62.2 43.2 80.2

131 8.0 7.2 10.8



#59

Bromoform

Concen: 19.136 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

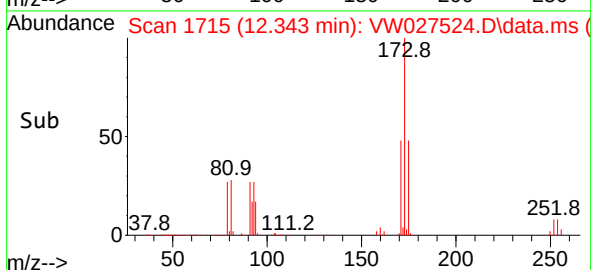
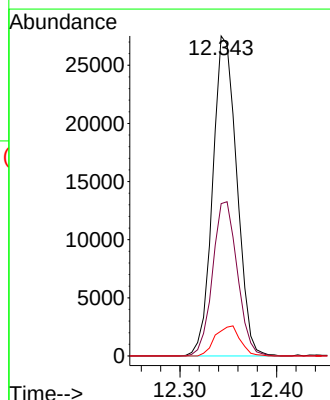
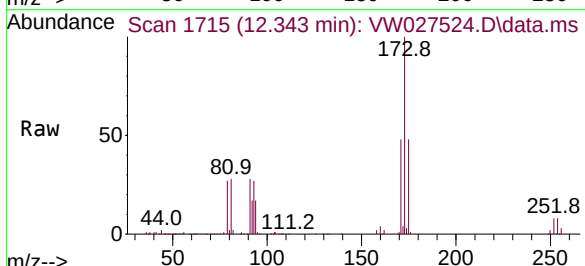
Tgt Ion:173 Resp: 47601

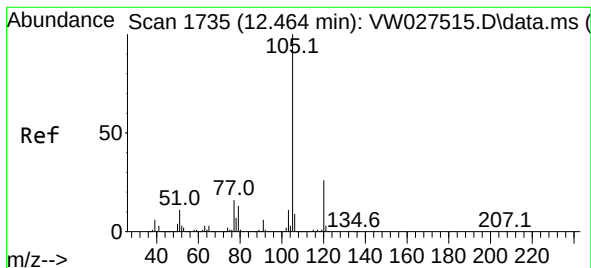
Ion Ratio Lower Upper

173 100

175 49.4 39.6 59.4

254 9.8 6.6 10.0





#60

Isopropylbenzene

Concen: 25.456 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

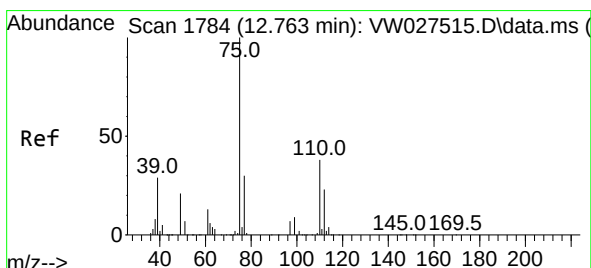
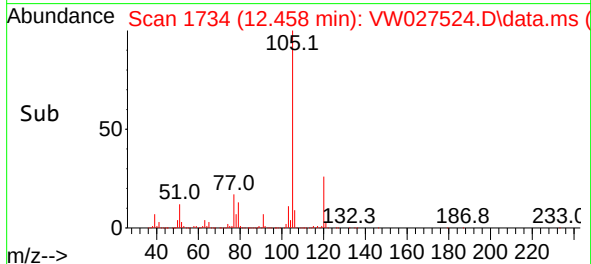
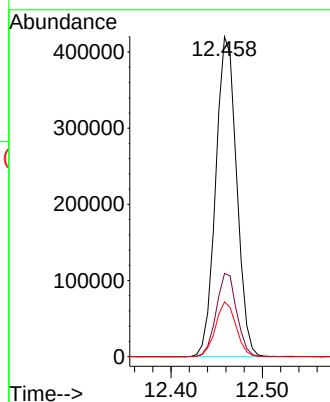
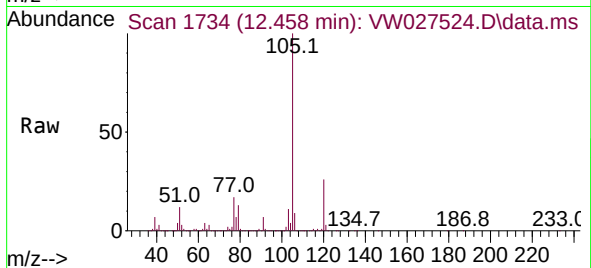
Tgt Ion:105 Resp: 668517

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 16.7 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 20.893 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

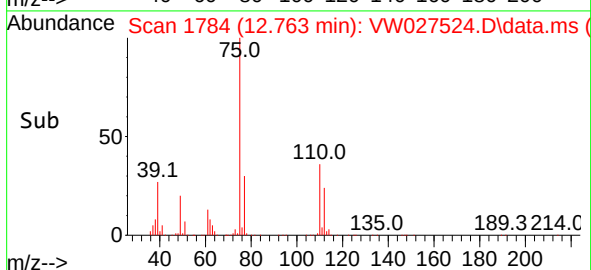
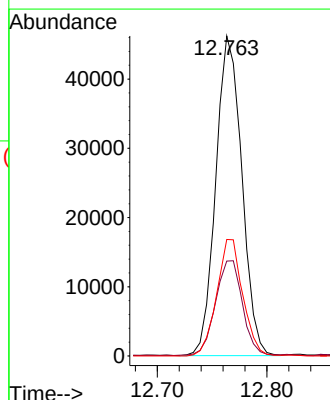
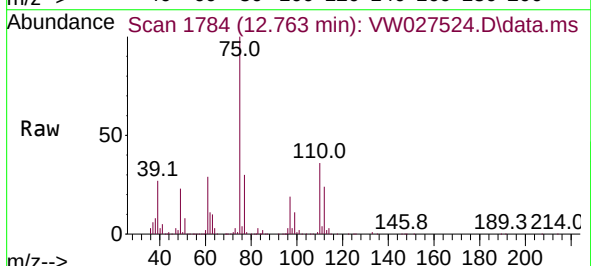
Tgt Ion: 75 Resp: 76265

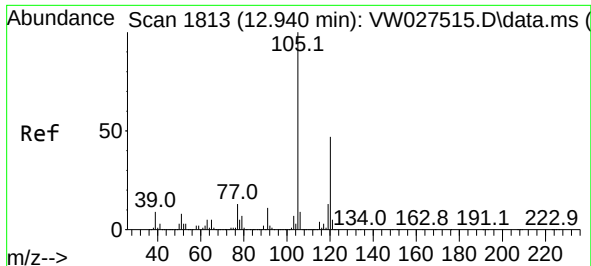
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

110 36.4 29.7 44.5

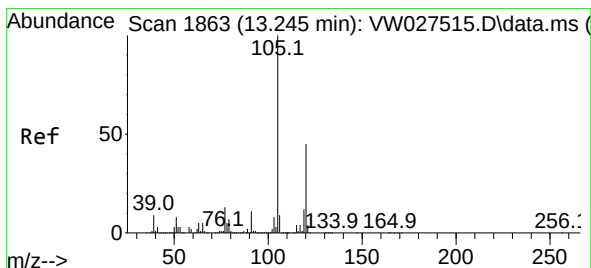
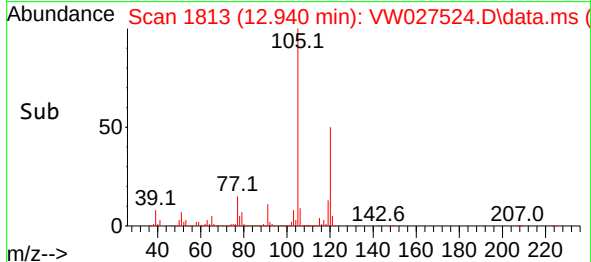
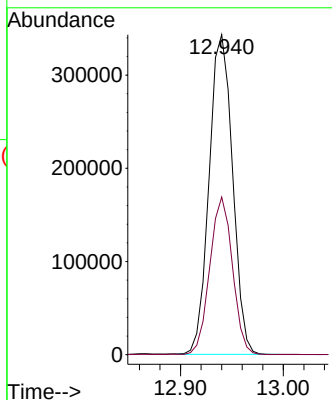
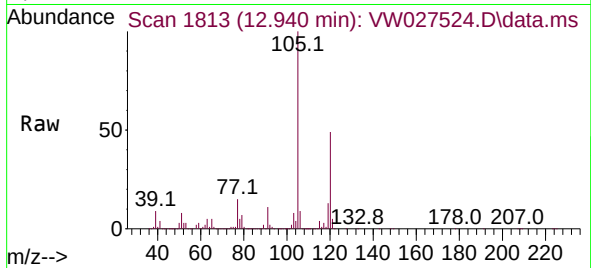




#62
1,3,5-Trimethylbenzene
Concen: 24.823 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

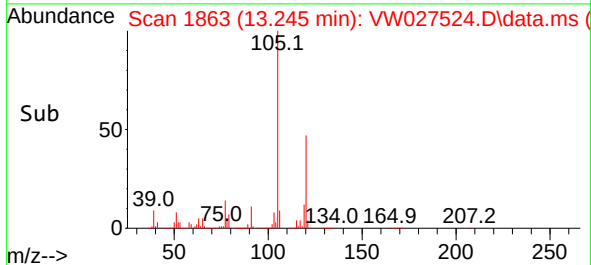
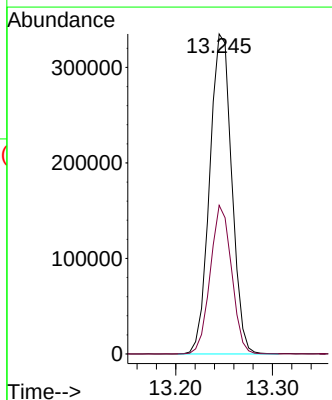
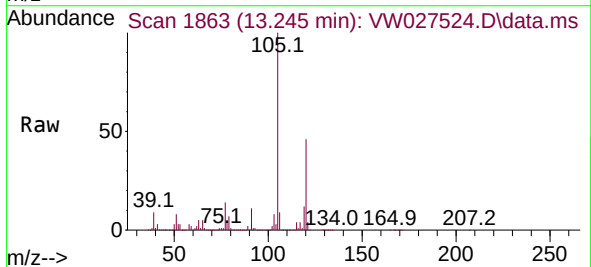
Instrument :
MSVOA_W
ClientSampleId :

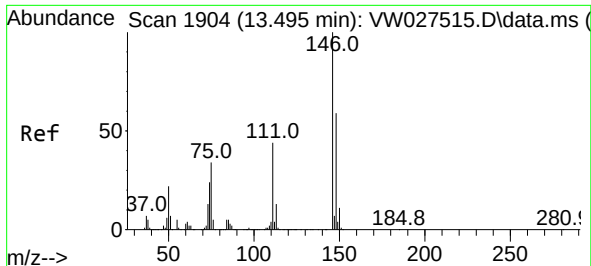
Tgt Ion:105 Resp: 543780
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.741 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion:105 Resp: 530282
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2

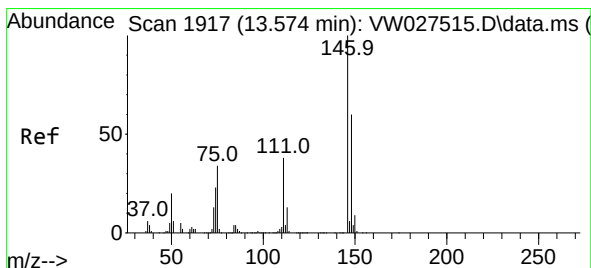
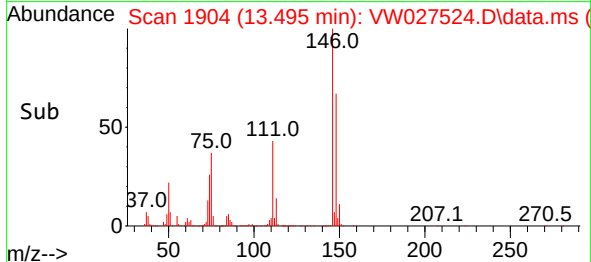
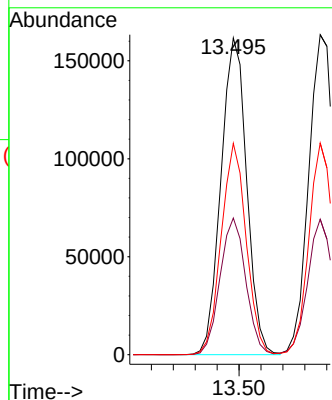
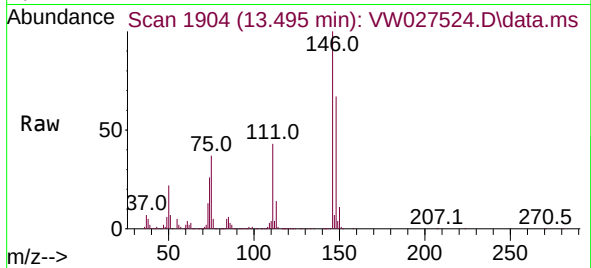




#64
1,3-Dichlorobenzene
Concen: 24.754 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

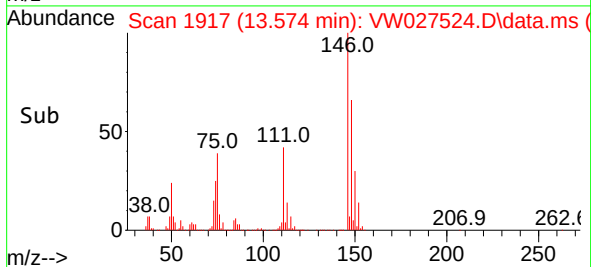
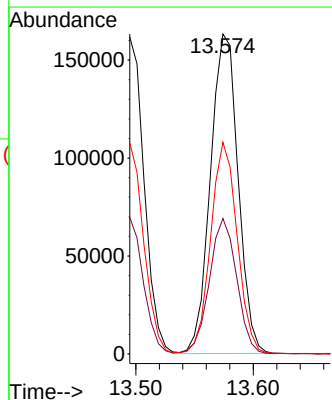
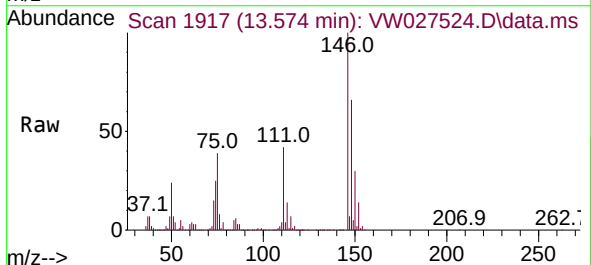
Instrument :
MSVOA_W
ClientSampleId :

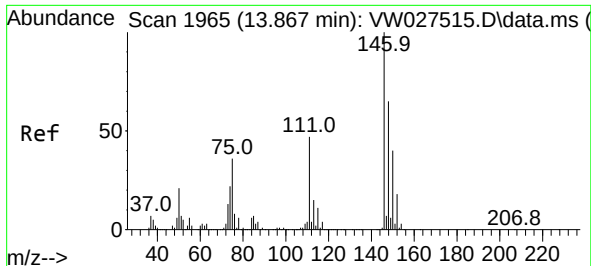
Tgt Ion:146 Resp: 263626
Ion Ratio Lower Upper
146 100
111 43.2 30.8 57.2
148 66.7 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.086 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027524.D
Acq: 02 Nov 2023 16:51

Tgt Ion:146 Resp: 266800
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 66.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.717 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

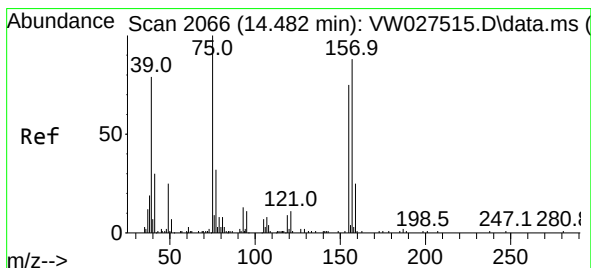
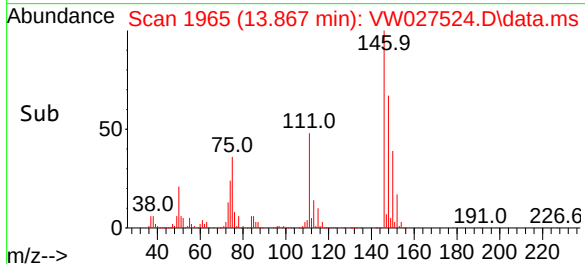
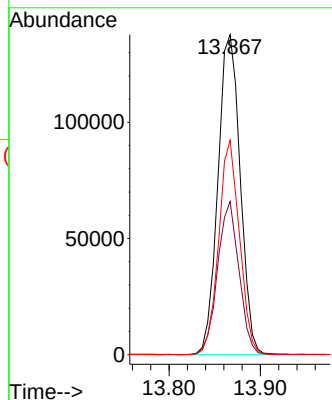
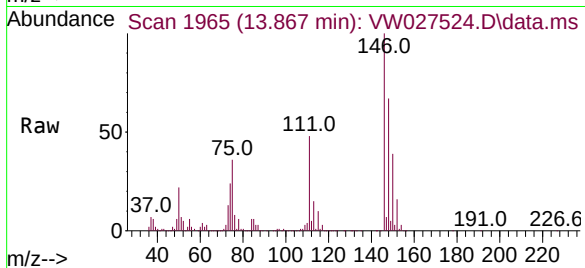
Tgt Ion:146 Resp: 233576

Ion Ratio Lower Upper

146 100

111 47.9 36.8 55.2

148 67.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 16.411 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

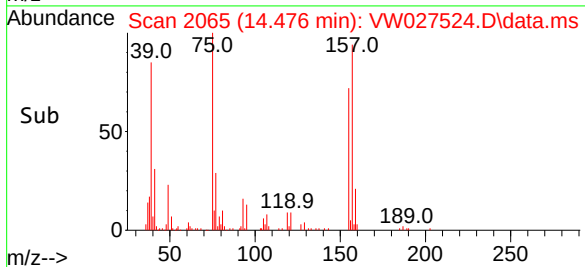
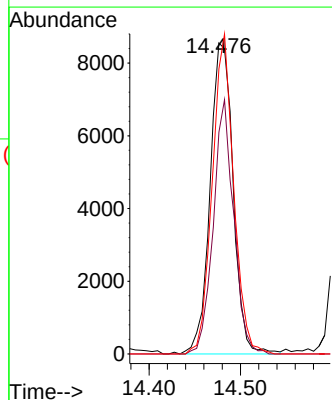
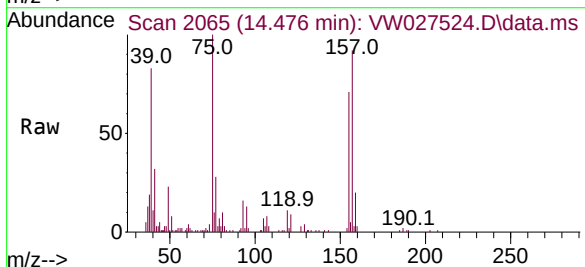
Tgt Ion: 75 Resp: 14971

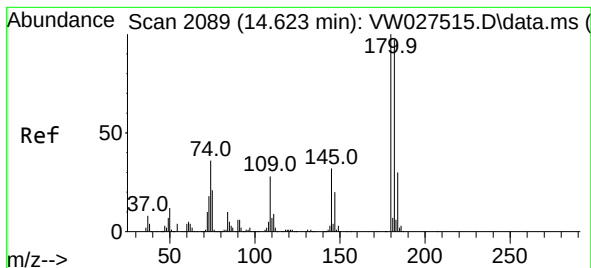
Ion Ratio Lower Upper

75 100

155 71.3 54.9 82.3

157 91.7 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 26.012 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 179828

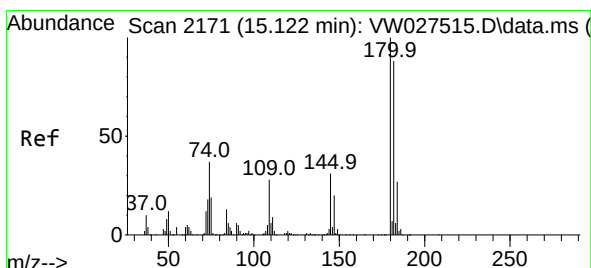
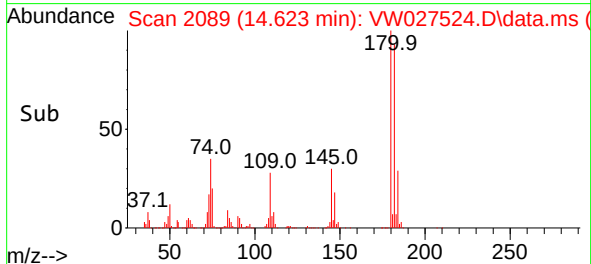
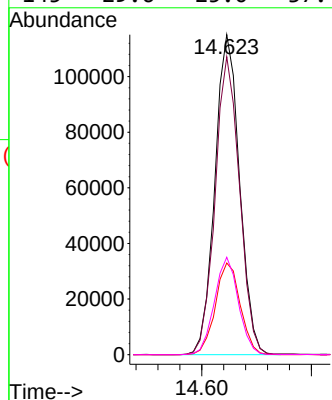
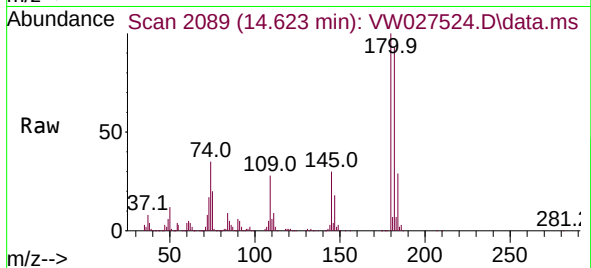
Ion Ratio Lower Upper

180 100

182 92.2 73.4 110.0

184 28.9 23.3 34.9

145 29.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.529 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

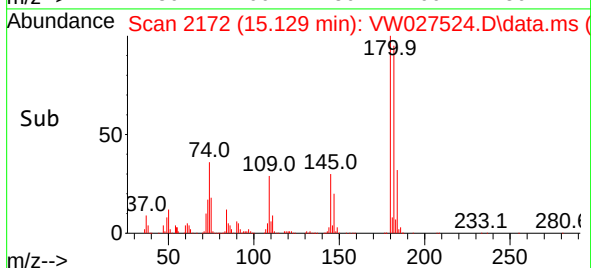
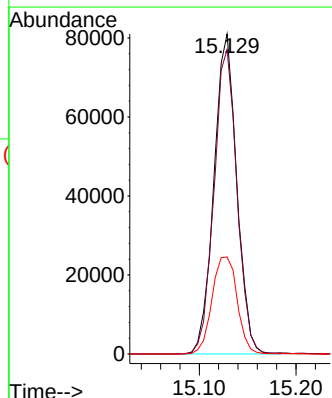
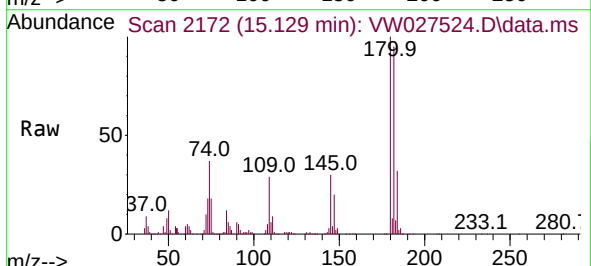
Tgt Ion:180 Resp: 132563

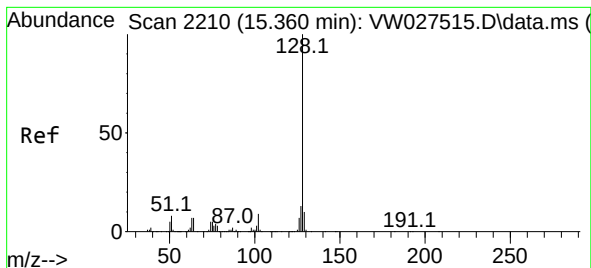
Ion Ratio Lower Upper

180 100

182 95.8 75.5 113.3

145 33.4 26.4 39.6





#71

Naphthalene

Concen: 18.849 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Instrument :

MSVOA_W

ClientSampleId :

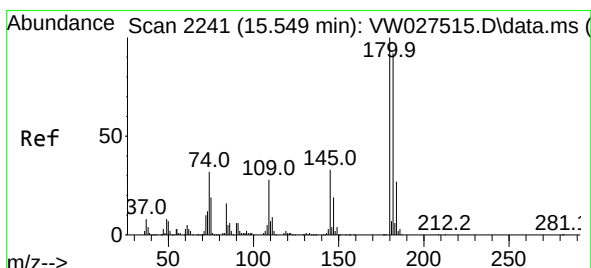
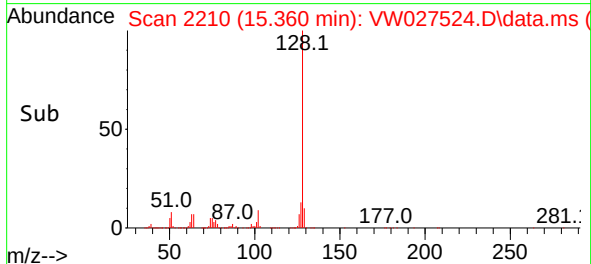
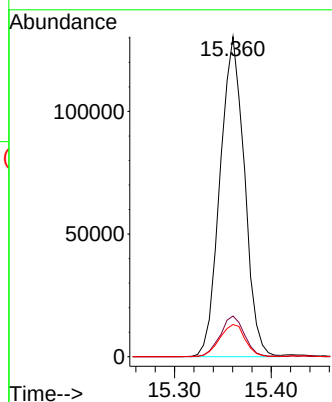
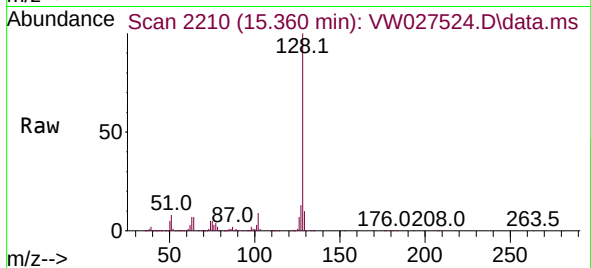
Tgt Ion:128 Resp: 228090

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.832 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027524.D

Acq: 02 Nov 2023 16:51

Tgt Ion:180 Resp: 110474

Ion Ratio Lower Upper

180 100

182 92.5 81.1 121.7

145 33.0 30.6 45.8

