

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029270.D
 Acq On : 22 Nov 2022 18:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:38:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	290243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	252372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	127333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	140629	5.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.561	69	108708	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.101	63	239701	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.892	46	219057	53.601	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.336	84	194160	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.021	65	98327	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.040	84	442046	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.059	67	138414	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.307	98	404714	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.612	79	47247	5.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	8.085	63	91636	59.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70841	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	128006	5.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	122597	5.057	ug/L	99
3) Chloromethane	1.233	50	157750	4.734	ug/L	98
5) Vinyl chloride	1.304	62	158975	4.973	ug/L	98
6) Bromomethane	1.516	94	82736	4.681	ug/L	98
8) Chloroethane	1.577	64	95767	4.999	ug/L	99
9) Trichlorofluoromethane	1.744	101	187427	5.132	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	106829	4.937	ug/L	100
12) 1,1-Dichloroethene	2.108	96	103066	4.812	ug/L	92
13) Acetone	2.188	43	168381	49.666	ug/L	98
14) Carbon disulfide	2.285	76	291616	4.822	ug/L	99
15) Methyl Acetate	2.432	43	41255	4.681	ug/L	100
16) Methylene chloride	2.497	84	157762	4.679	ug/L	98
17) Methyl tert-butyl Ether	2.760	73	238002	5.059	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	108580	4.990	ug/L	98
19) 1,1-Dichloroethane	3.178	63	220073	5.018	ug/L	98
21) 2-Butanone	3.976	43	267664	49.888	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	116837	4.920	ug/L	95
23) Bromochloromethane	4.236	128	43849	4.941	ug/L	98
25) Chloroform	4.362	83	213695	5.122	ug/L	98

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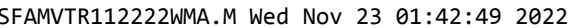
Instrument :
 MSVOA_V
 ClientSampleId :

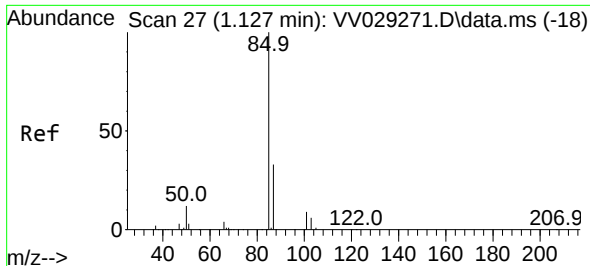
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:38:39 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	115662	5.060	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	169939	5.088	ug/L	100
30) Cyclohexane	4.667	56	207350	5.133	ug/L	99
31) Carbon tetrachloride	4.815	117	135734	5.094	ug/L	100
33) Benzene	5.088	78	474732	5.166	ug/L	100
34) Trichloroethene	5.905	95	120781	4.994	ug/L	99
35) Methylcyclohexane	6.124	83	204120	5.222	ug/L	99
37) 1,2-Dichloropropane	6.165	63	121630	5.104	ug/L	100
38) Bromodichloromethane	6.500	83	135867	5.096	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	162990	5.284	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	633743	52.677	ug/L	100
42) Toluene	7.381	91	487725	5.162	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	124112	5.222	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	71274	5.041	ug/L	98
47) Tetrachloroethene	7.966	164	83030	5.228	ug/L	99
48) 2-Hexanone	8.136	43	479383	52.670	ug/L	100
49) Dibromochloromethane	8.236	129	74856	5.065	ug/L	99
50) 1,2-Dibromoethane	8.345	107	61109	5.108	ug/L #	97
51) Chlorobenzene	8.873	112	293711	5.116	ug/L	98
52) Ethylbenzene	9.005	91	529157	5.204	ug/L	99
53) m,p-Xylene	9.130	106	200619	5.315	ug/L	97
54) o-Xylene	9.535	106	191987	5.198	ug/L	99
55) Styrene	9.551	104	334090	5.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	67866	5.371	ug/L	97
59) Bromoform	9.722	173	37572	5.030	ug/L	97
60) Isopropylbenzene	9.921	105	521123	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	61387	5.039	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	443373	5.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	444761	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	221124	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	221493	5.031	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	205949	5.059	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	8535	4.665	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	171562	4.902	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	130036	4.788	ug/L	99
71) Naphthalene	13.493	128	24254	2.620	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	103636	4.739	ug/L	100

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

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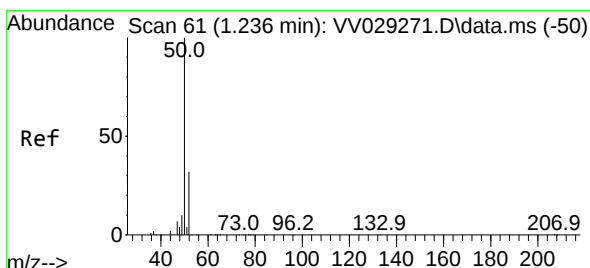
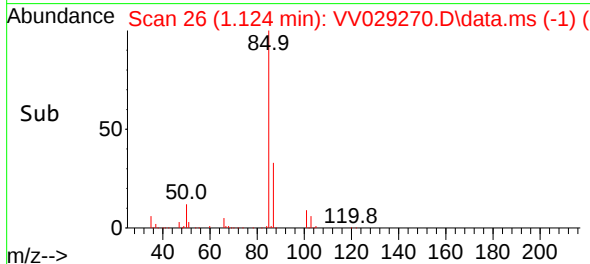
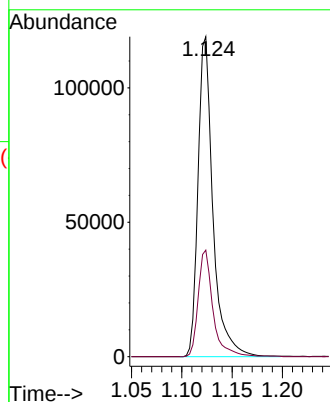
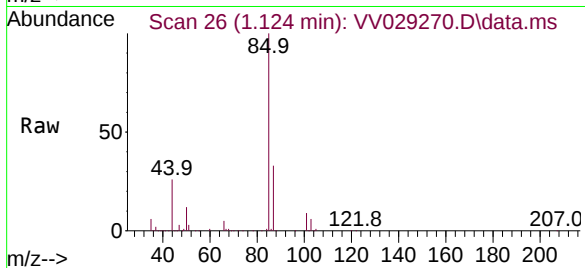




#2
Dichlorodifluoromethane
Concen: 5.057 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

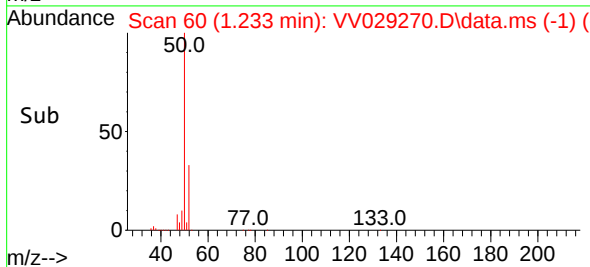
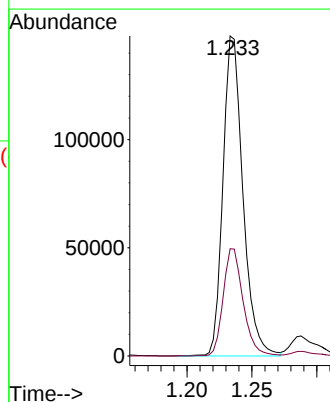
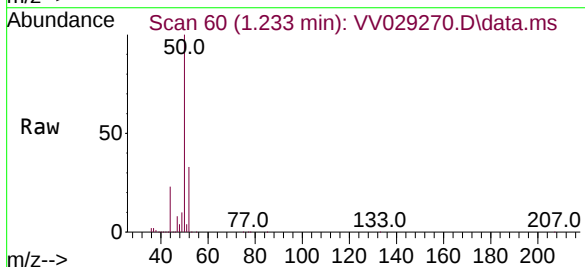
Instrument :
MSVOA_V
ClientSampleId :

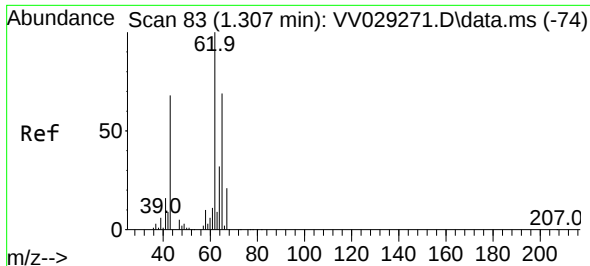
Tgt Ion: 85 Resp: 122597
Ion Ratio Lower Upper
85 100
87 33.2 26.3 39.5



#3
Chloromethane
Concen: 4.734 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

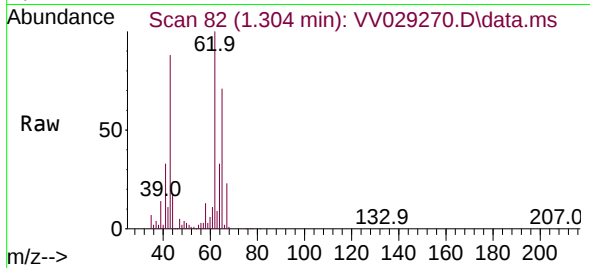
Tgt Ion: 50 Resp: 157750
Ion Ratio Lower Upper
50 100
52 33.5 22.8 42.4



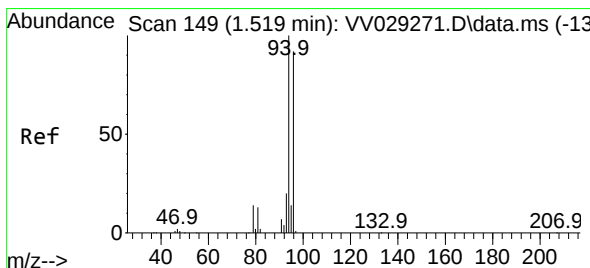
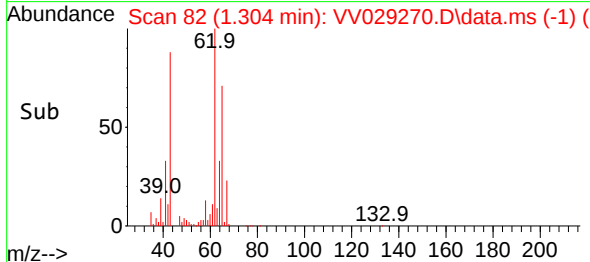
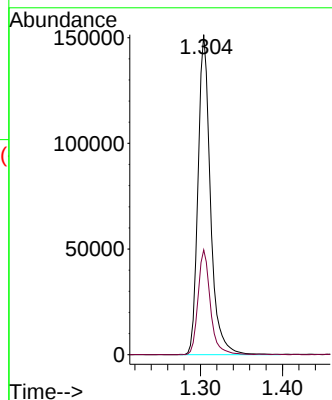


#5
 Vinyl chloride
 Concen: 4.973 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10

Instrument :
 MSVOA_V
 ClientSampleId :

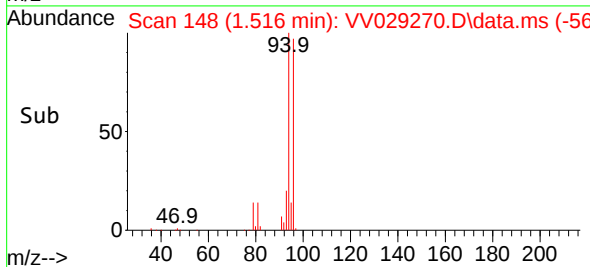
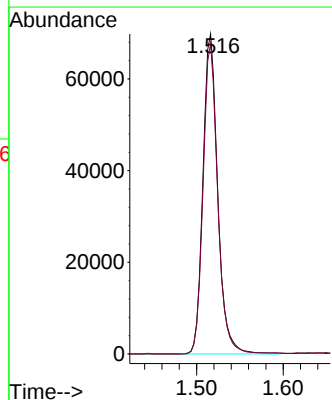
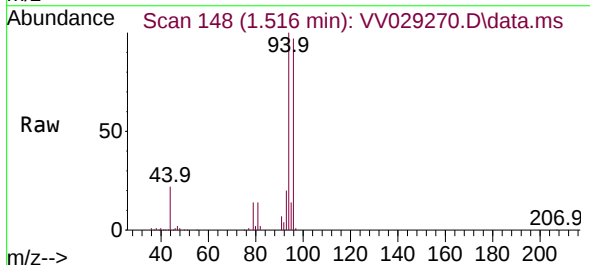


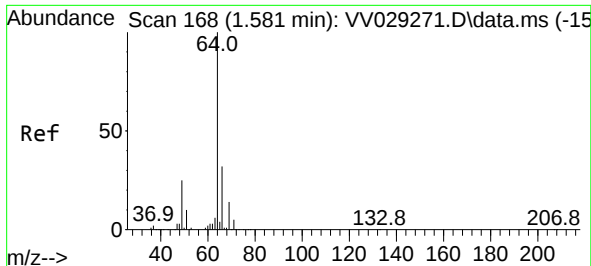
Tgt Ion: 62 Resp: 158975
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#6
 Bromomethane
 Concen: 4.681 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10

Tgt Ion: 94 Resp: 82736
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.8 124.2

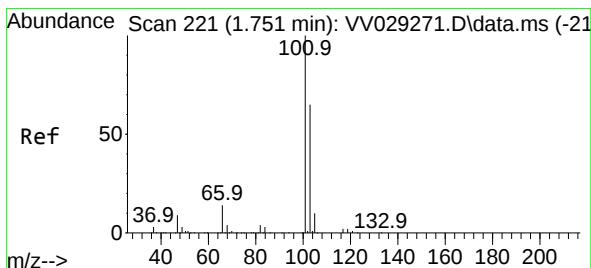
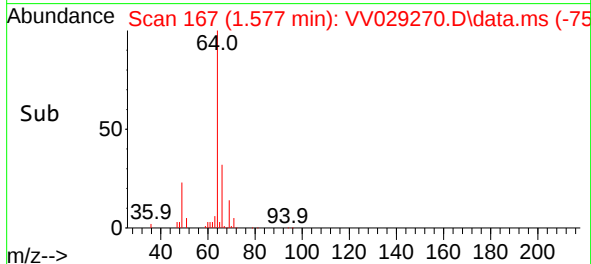
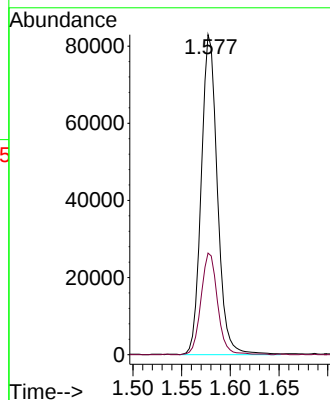
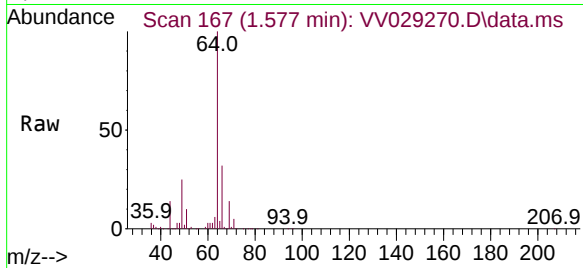




#8
Chloroethane
Concen: 4.999 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

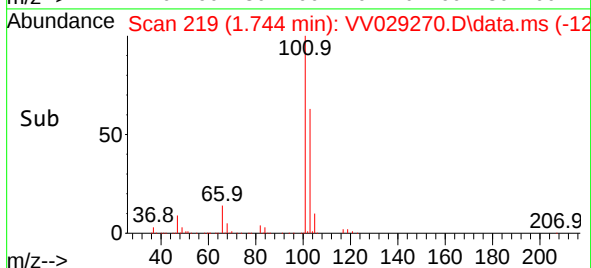
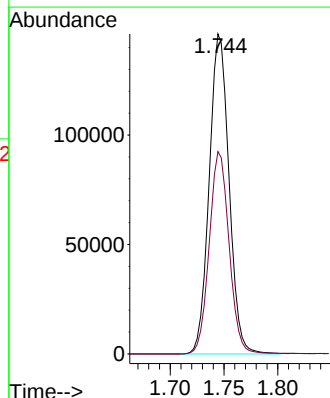
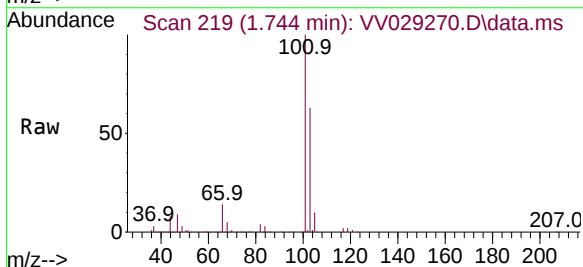
Instrument :
MSVOA_V
ClientSampleId :

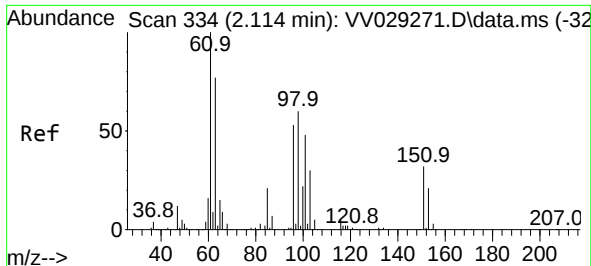
Tgt Ion: 64 Resp: 95767
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.132 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:101 Resp: 187427
Ion Ratio Lower Upper
101 100
103 63.4 51.7 77.5





#10

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

Concen: 4.937 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

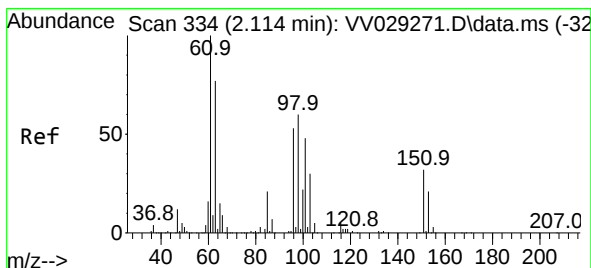
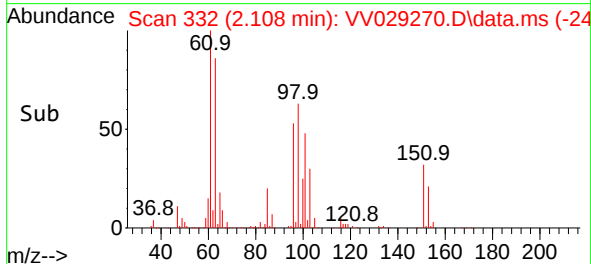
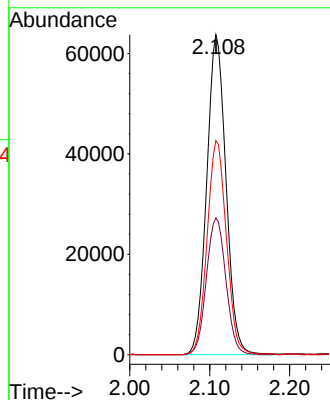
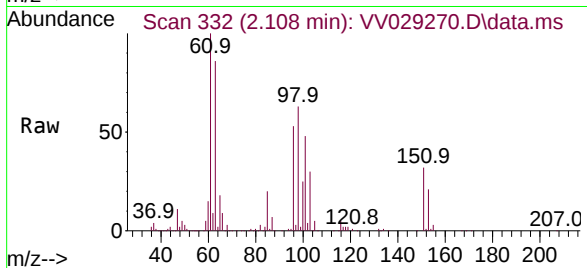
Tgt Ion:101 Resp: 106829

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

151 66.9 53.4 80.2



#12

1,1-Dichloroethene

Concen: 4.812 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

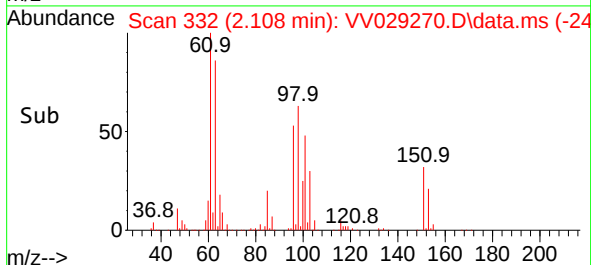
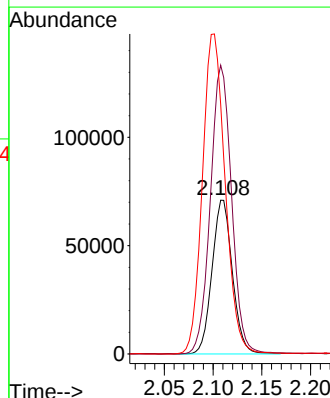
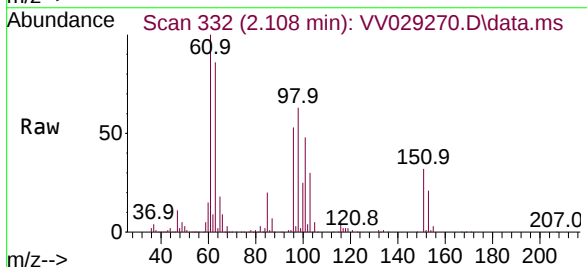
Tgt Ion: 96 Resp: 103066

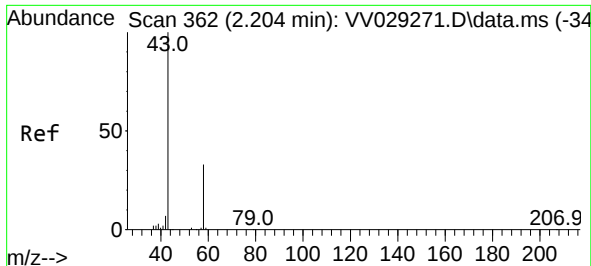
Ion Ratio Lower Upper

96 100

61 187.8 131.9 245.0

63 162.4 98.6 183.0





#13

Acetone

Concen: 49.666 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

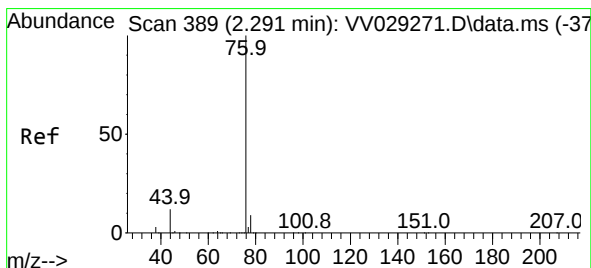
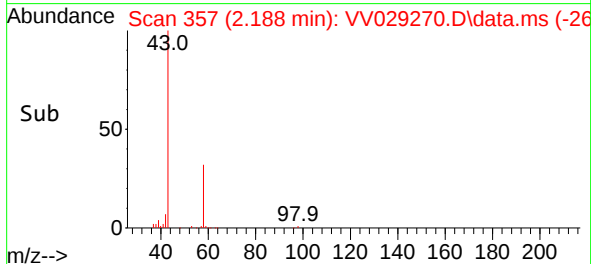
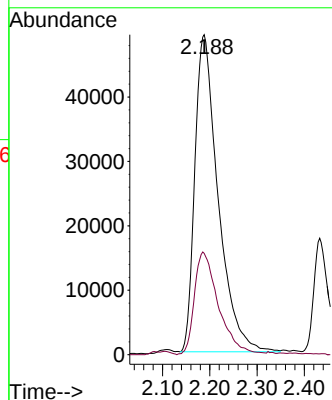
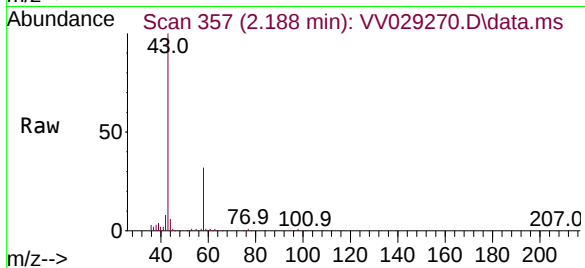
ClientSampleId :

Tgt Ion: 43 Resp: 168381

Ion Ratio Lower Upper

43 100

58 33.6 0.0 65.2



#14

Carbon disulfide

Concen: 4.822 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.007 min

Lab File: VV029270.D

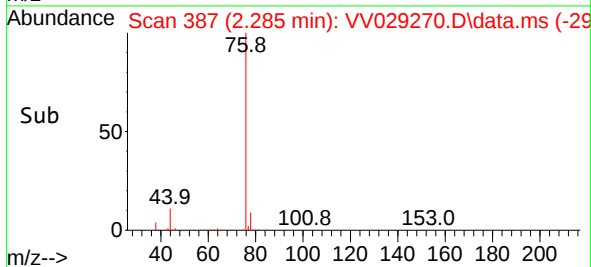
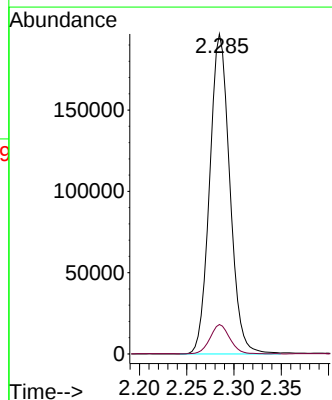
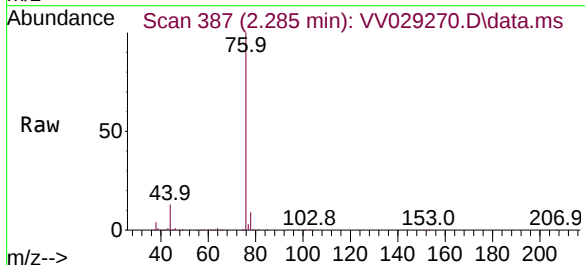
Acq: 22 Nov 2022 18:10

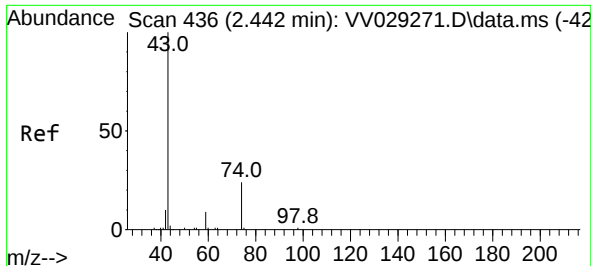
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Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

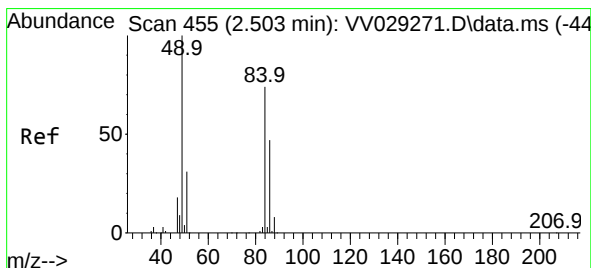
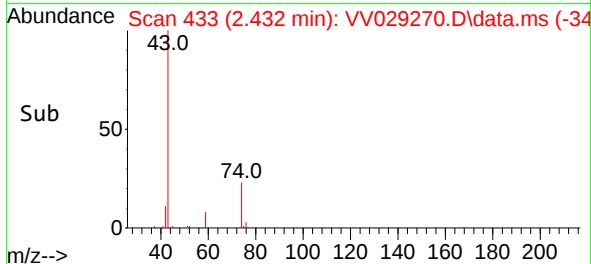
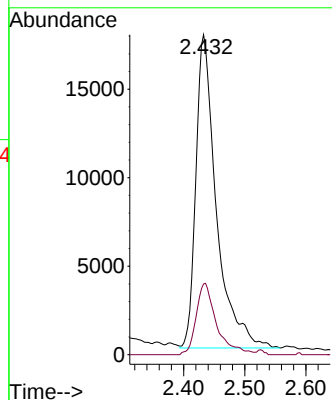
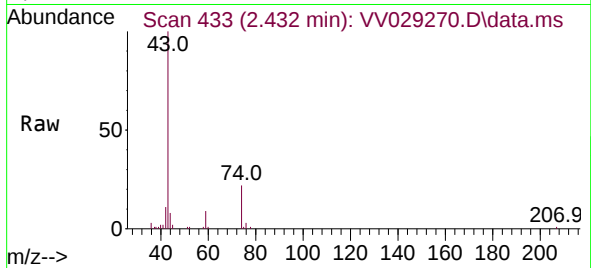




#15
Methyl Acetate
Concen: 4.681 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

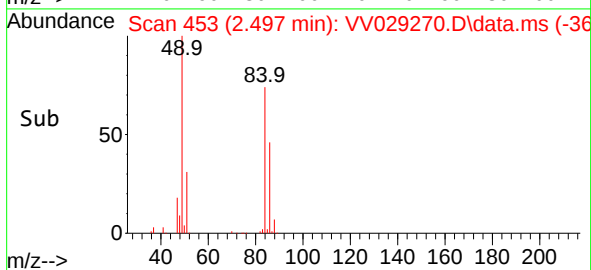
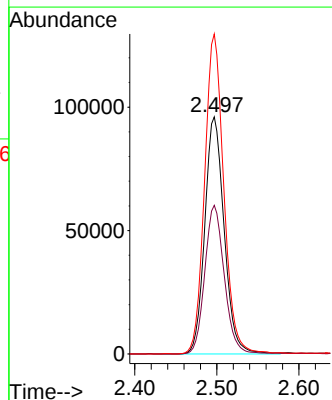
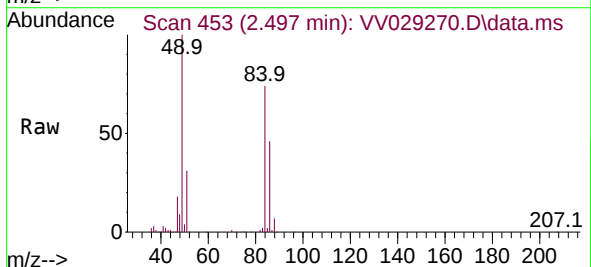
Instrument :
MSVOA_V
ClientSampleId :

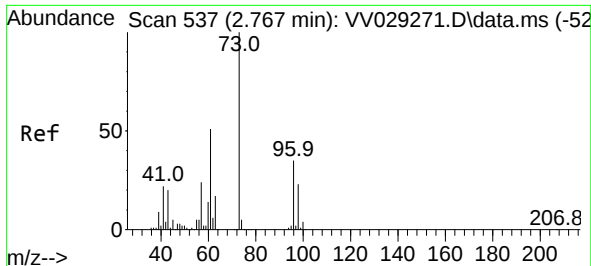
Tgt Ion: 43 Resp: 41255
Ion Ratio Lower Upper
43 100
74 22.7 18.0 27.0



#16
Methylene chloride
Concen: 4.679 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion: 84 Resp: 157762
Ion Ratio Lower Upper
84 100
86 62.7 44.2 82.2
49 135.0 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 5.059 ug/L

RT: 2.760 min Scan# 51

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

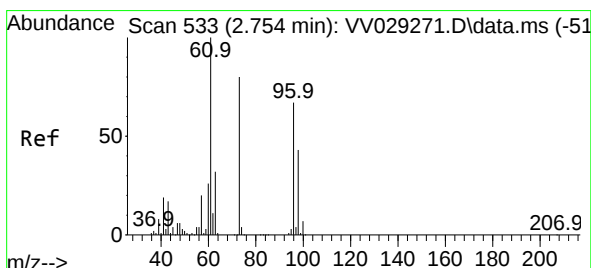
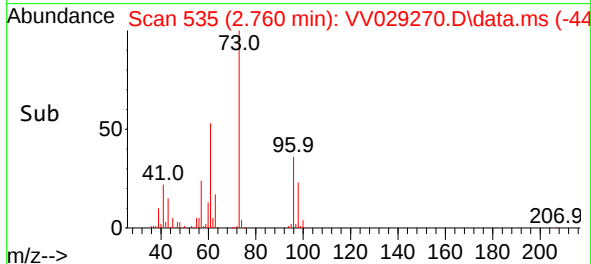
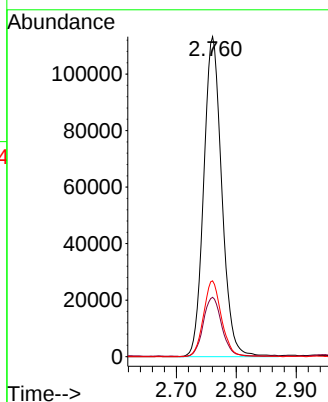
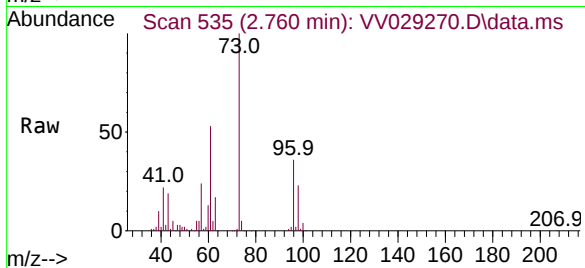
Tgt Ion: 73 Resp: 238002

Ion Ratio Lower Upper

73 100

43 19.1 15.4 23.2

57 23.5 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.990 ug/L

RT: 2.751 min Scan# 532

Delta R.T. -0.003 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

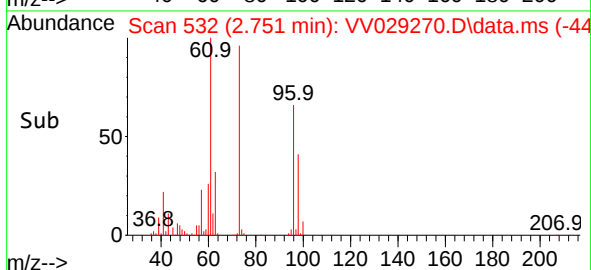
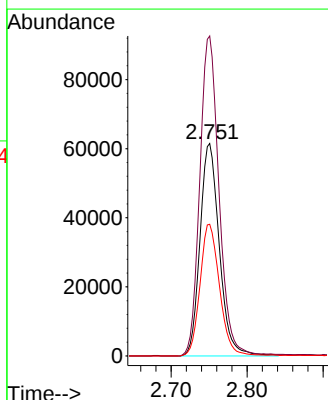
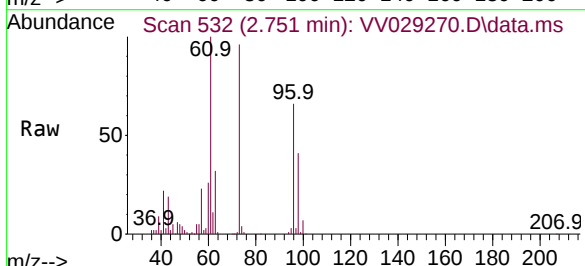
Tgt Ion: 96 Resp: 108580

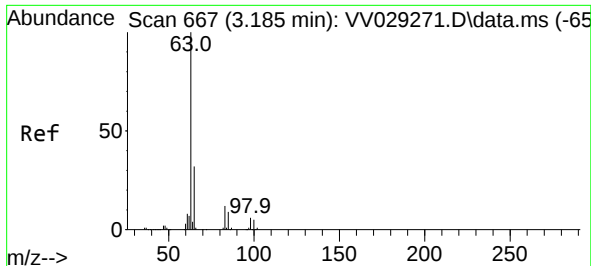
Ion Ratio Lower Upper

96 100

61 150.6 107.6 199.8

98 62.0 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.018 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

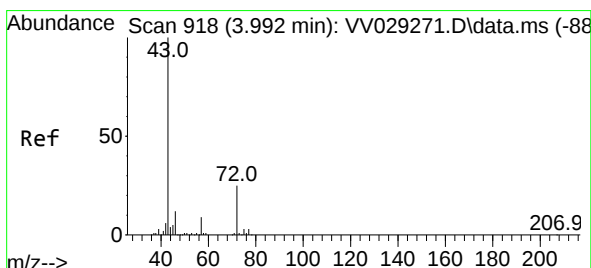
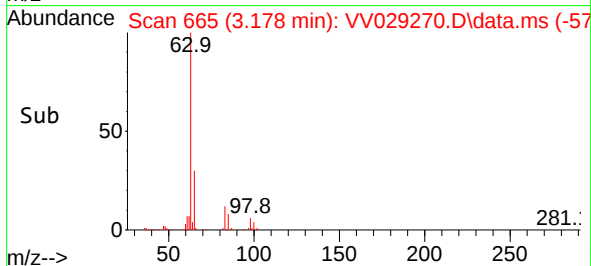
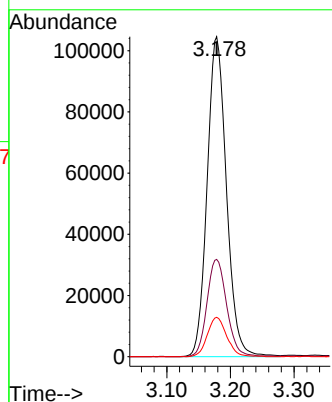
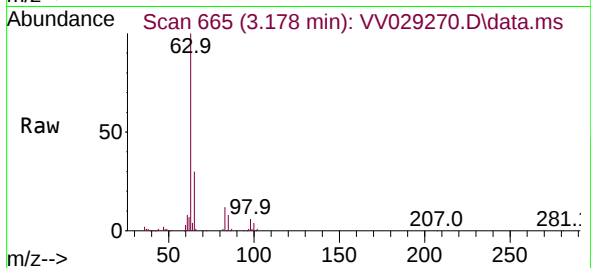
Tgt Ion: 63 Resp: 220073

Ion Ratio Lower Upper

63 100

65 30.4 22.1 41.1

83 12.3 9.0 16.8



#21

2-Butanone

Concen: 49.888 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.016 min

Lab File: VV029270.D

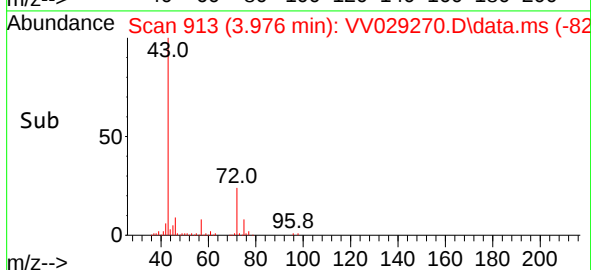
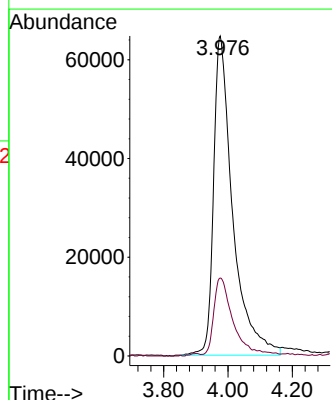
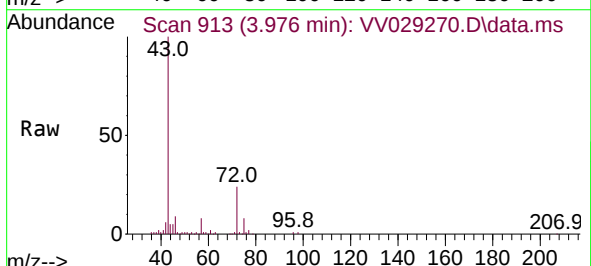
Acq: 22 Nov 2022 18:10

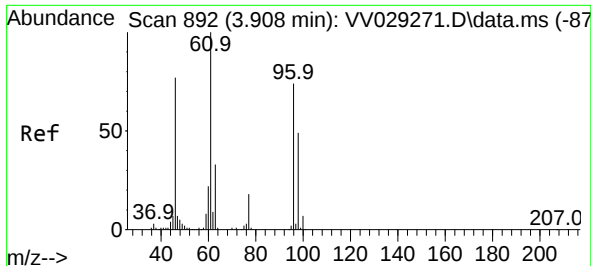
Tgt Ion: 43 Resp: 267664

Ion Ratio Lower Upper

43 100

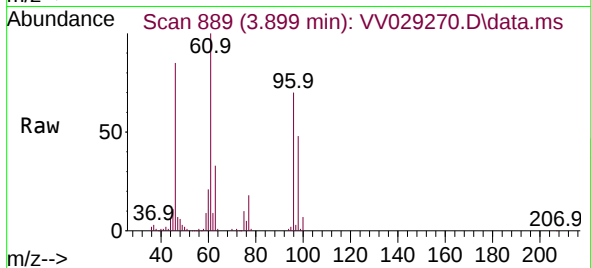
72 22.3 11.3 33.8





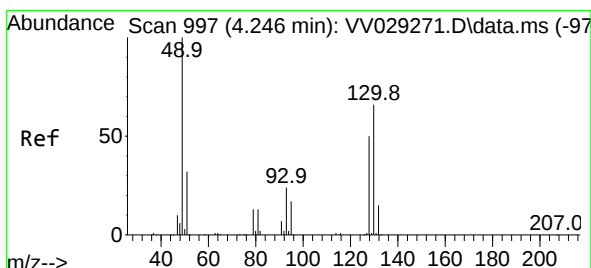
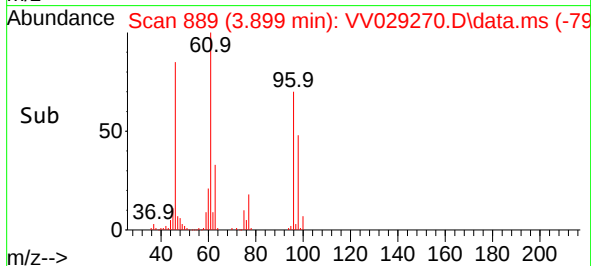
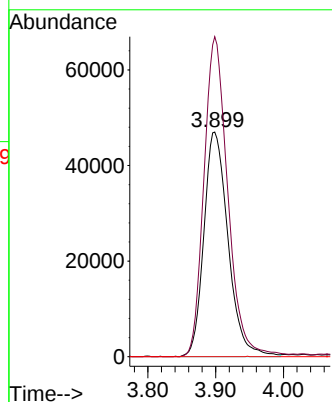
#22
 cis-1,2-Dichloroethene
 Concen: 4.920 ug/L
 RT: 3.899 min Scan# 892
 Delta R.T. -0.010 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 116837

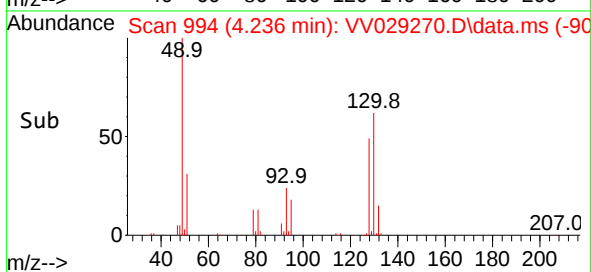
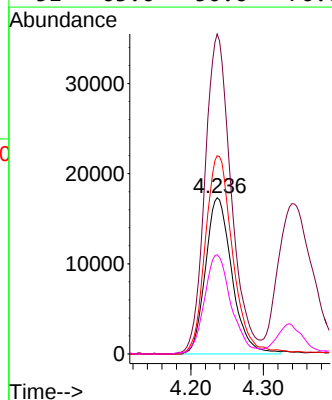
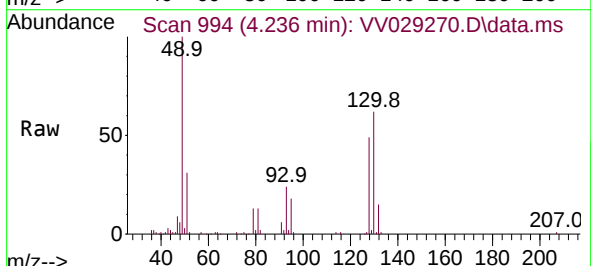
Ion	Ratio	Lower	Upper
96	100		
61	142.4	95.8	178.0
68	0.0	0.0	0.0

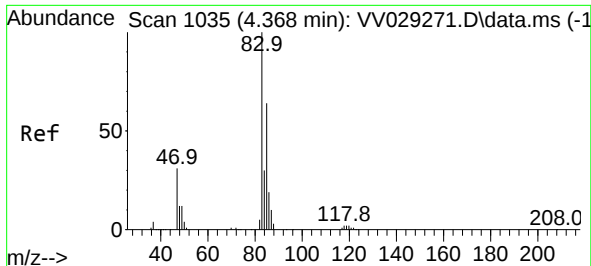


#23
 Bromochloromethane
 Concen: 4.941 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.010 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10

Tgt Ion:128 Resp: 43849

Ion	Ratio	Lower	Upper
128	100		
49	204.9	139.9	259.9
130	126.9	89.9	166.9
51	63.6	50.6	76.0

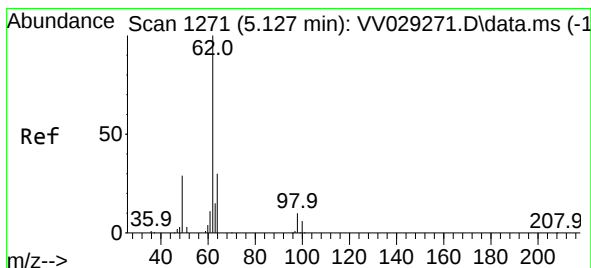
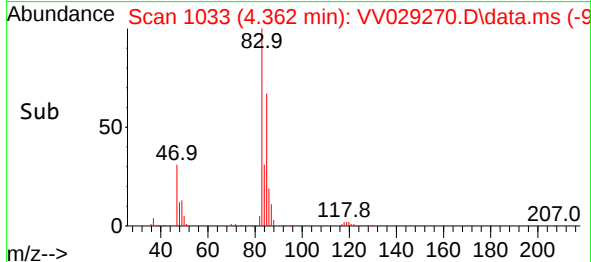
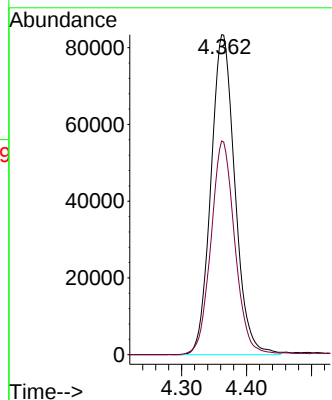
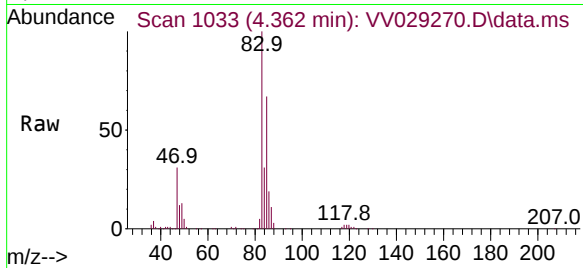




#25
Chloroform
Concen: 5.122 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

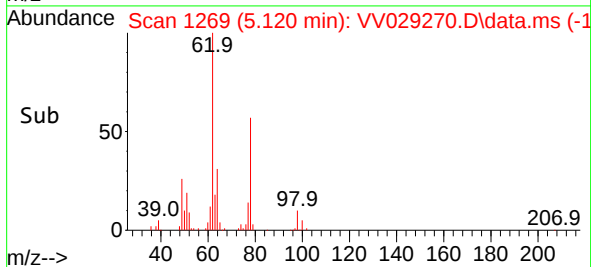
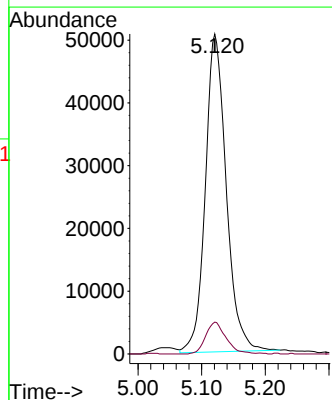
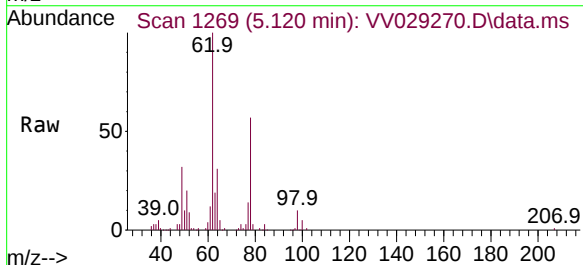
Instrument :
MSVOA_V
ClientSampleId :

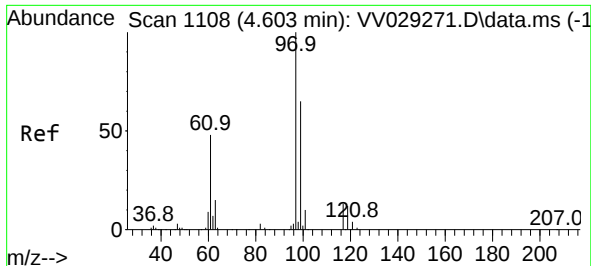
Tgt Ion: 83 Resp: 213695
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.060 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion: 62 Resp: 115662
Ion Ratio Lower Upper
62 100
98 10.0 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.088 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

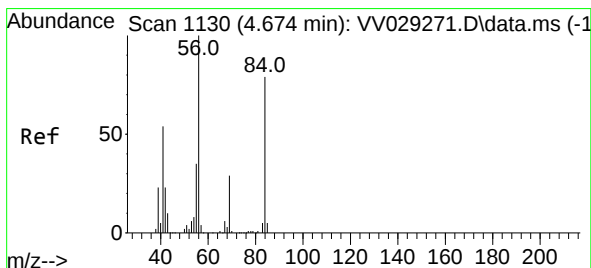
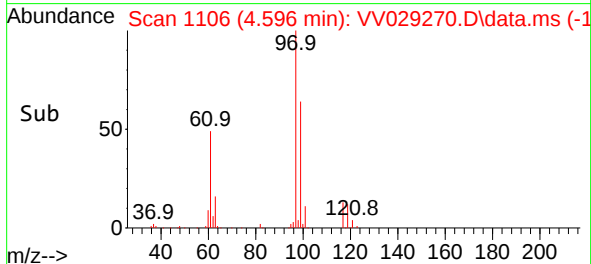
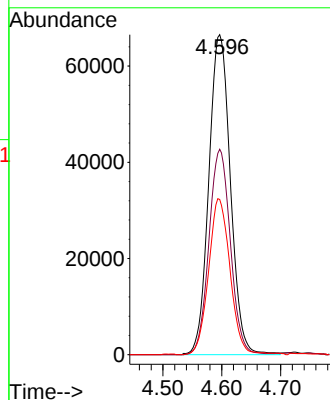
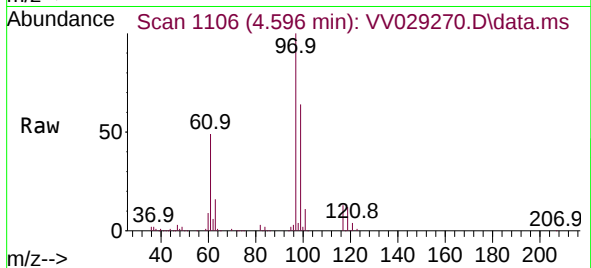
Tgt Ion: 97 Resp: 169939

Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 48.4 39.0 58.4



#30

Cyclohexane

Concen: 5.133 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

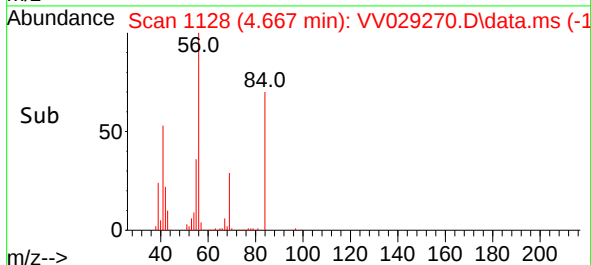
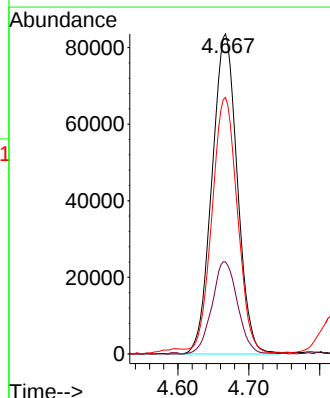
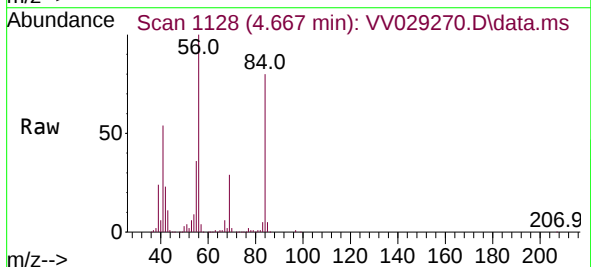
Tgt Ion: 56 Resp: 207350

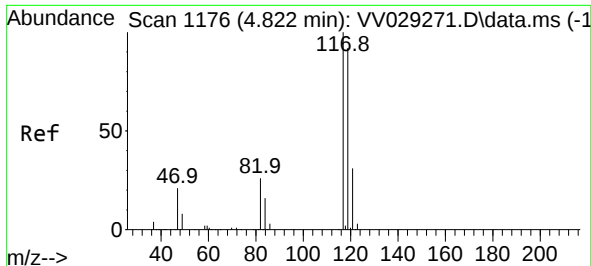
Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 80.2 64.6 97.0

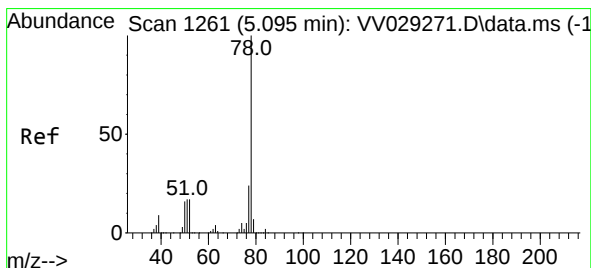
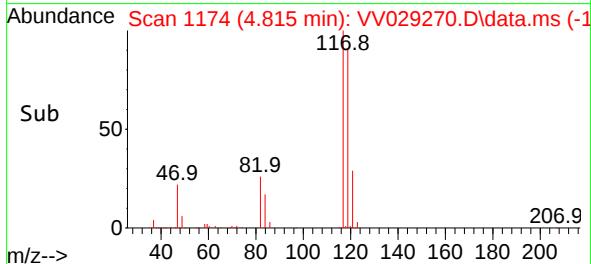
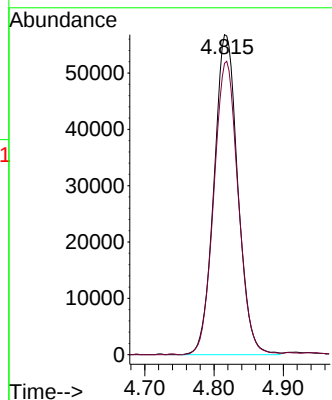
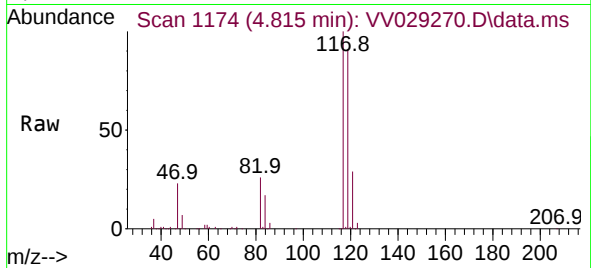




#31
Carbon tetrachloride
Concen: 5.094 ug/L
RT: 4.815 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

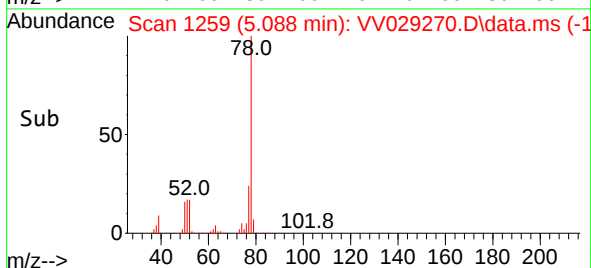
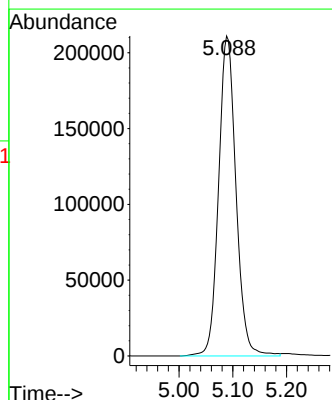
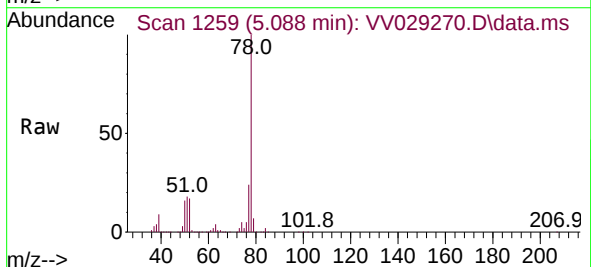
Instrument :
MSVOA_V
ClientSampleId :

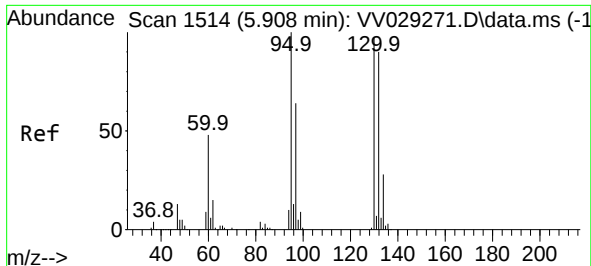
Tgt Ion:117 Resp: 135734
Ion Ratio Lower Upper
117 100
119 93.7 75.1 112.7



#33
Benzene
Concen: 5.166 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.007 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

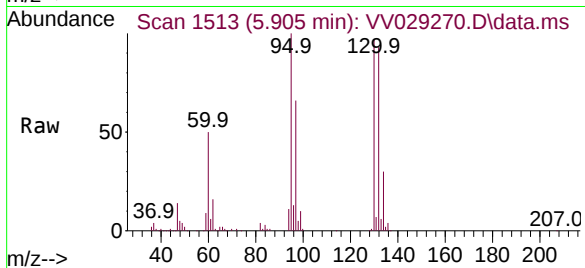
Tgt Ion: 78 Resp: 474732





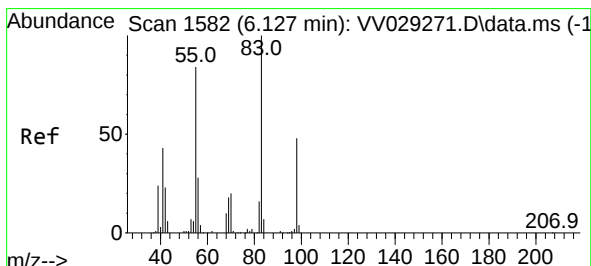
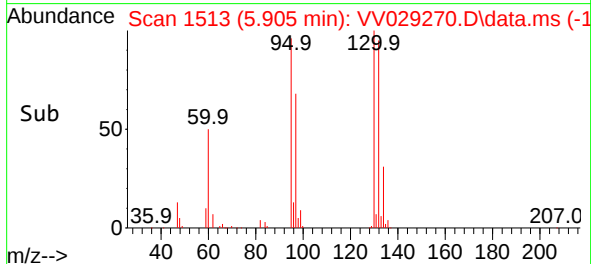
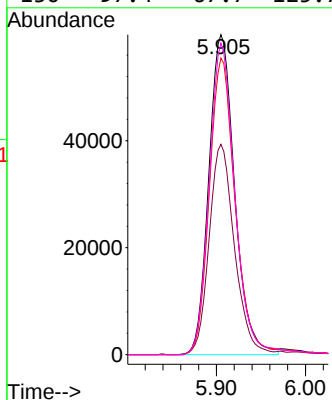
#34
Trichloroethene
Concen: 4.994 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 120781

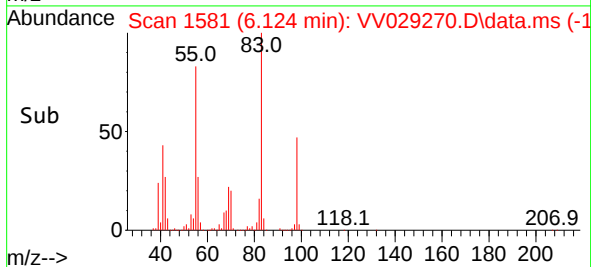
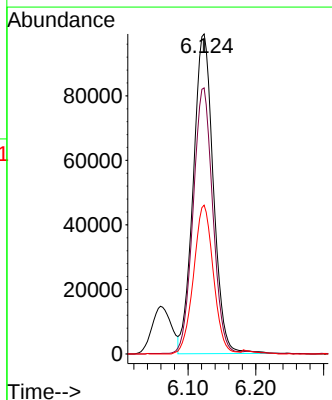
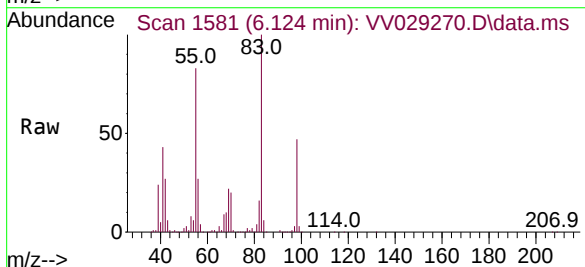
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.7	86.7
132	92.6	65.7	122.1
130	97.4	67.7	125.7

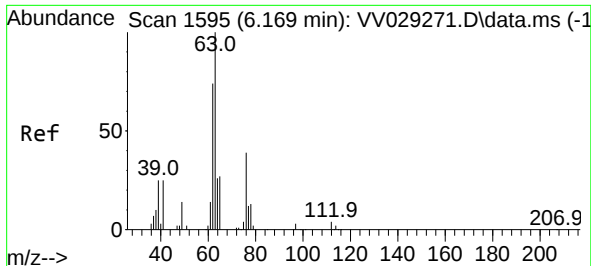


#35
Methylcyclohexane
Concen: 5.222 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion: 83 Resp: 204120

Ion	Ratio	Lower	Upper
83	100		
55	81.2	65.7	98.5
98	45.8	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.104 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

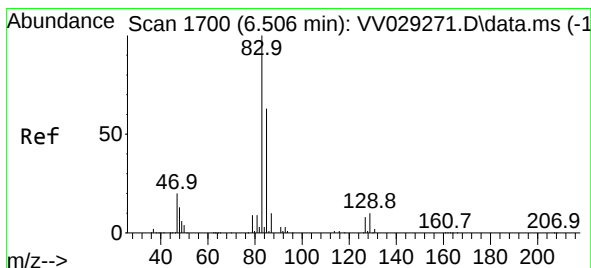
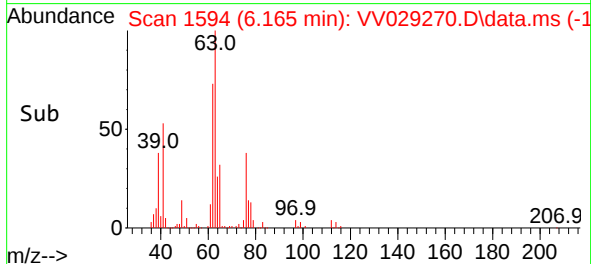
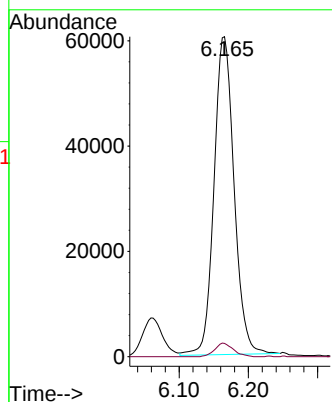
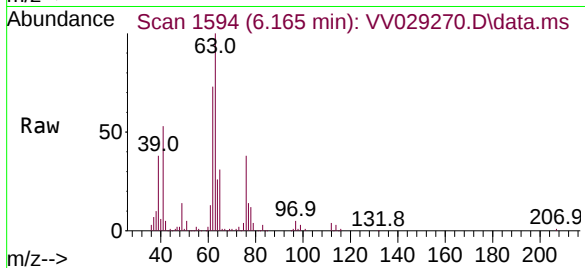
ClientSampleId :

Tgt Ion: 63 Resp: 121630

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.096 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

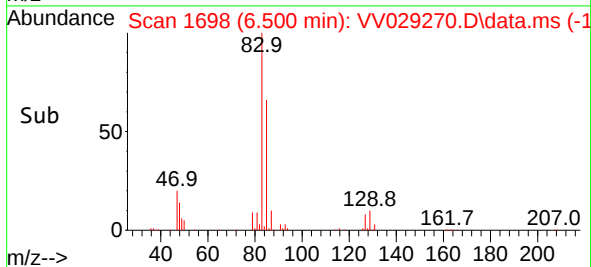
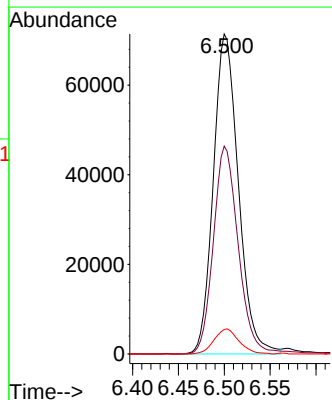
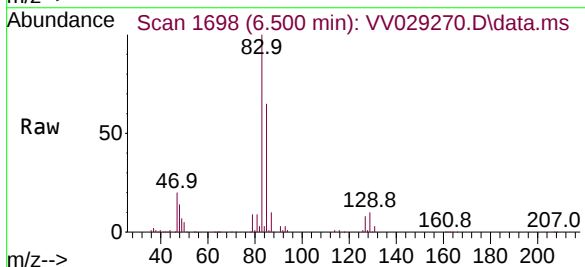
Tgt Ion: 83 Resp: 135867

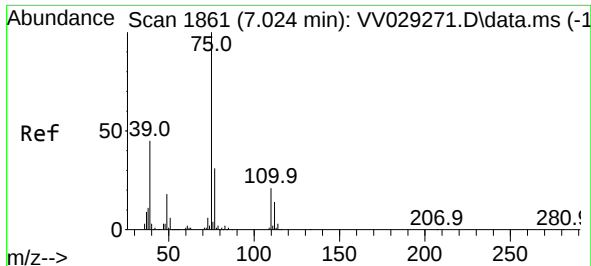
Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.284 ug/L

RT: 7.017 min Scan# 1859

Delta R.T. -0.007 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

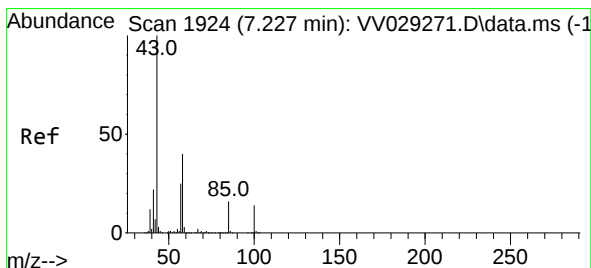
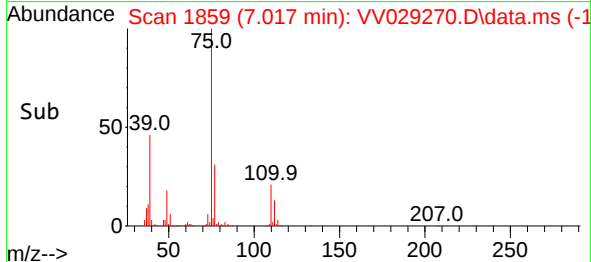
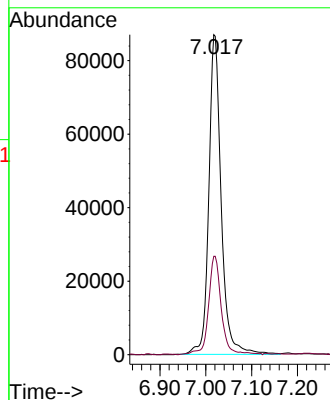
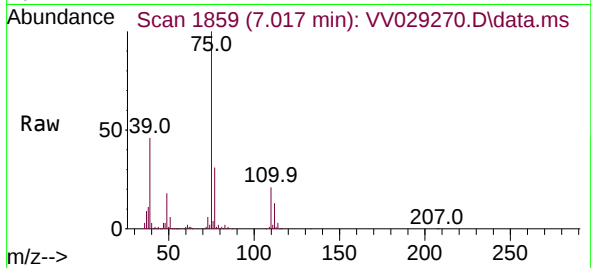
ClientSampleId :

Tgt Ion: 75 Resp: 162990

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.677 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

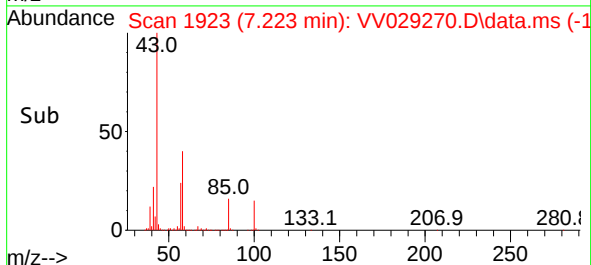
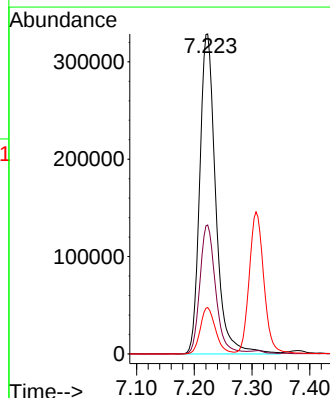
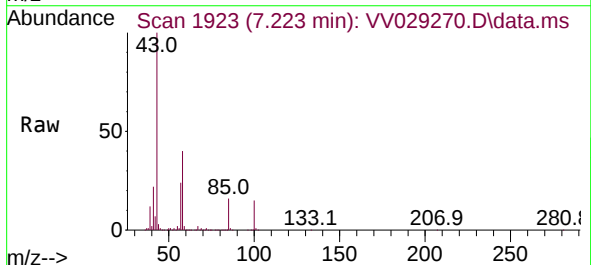
Tgt Ion: 43 Resp: 633743

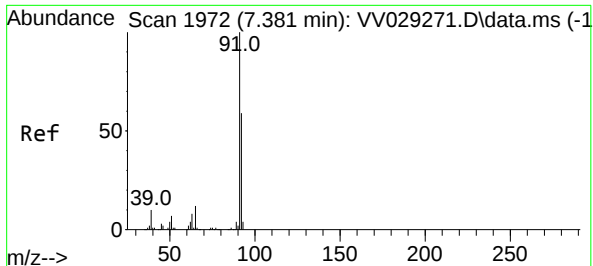
Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.8

100 13.9 11.0 16.6





#42

Toluene

Concen: 5.162 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

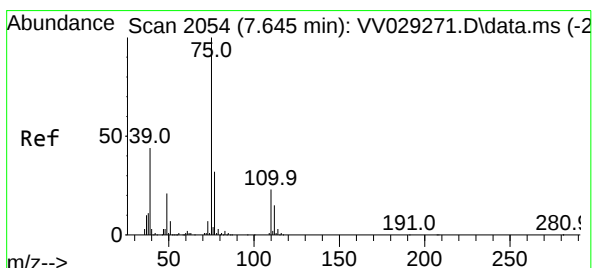
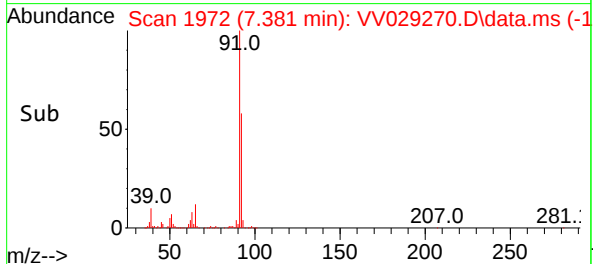
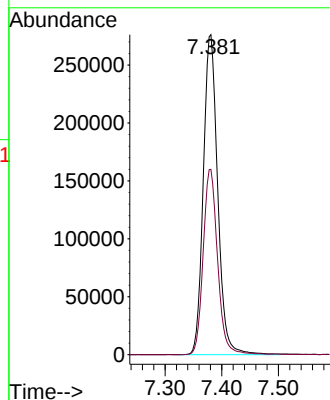
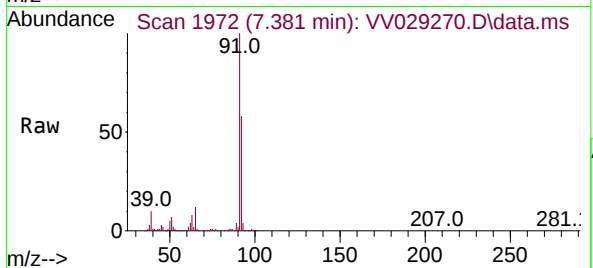
ClientSampleId :

Tgt Ion: 91 Resp: 487725

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.222 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV029270.D

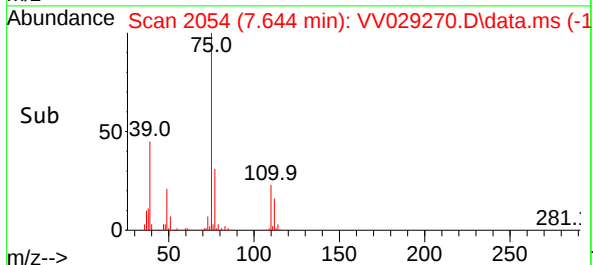
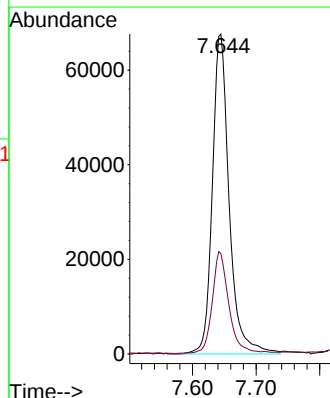
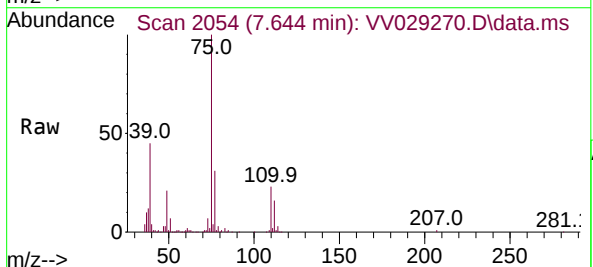
Acq: 22 Nov 2022 18:10

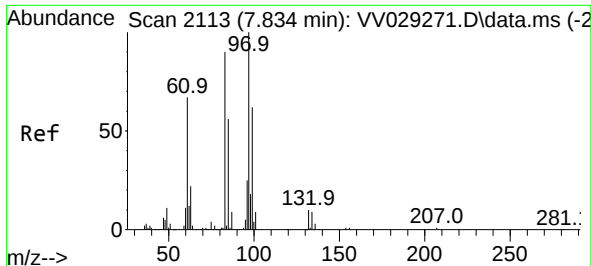
Tgt Ion: 75 Resp: 124112

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6

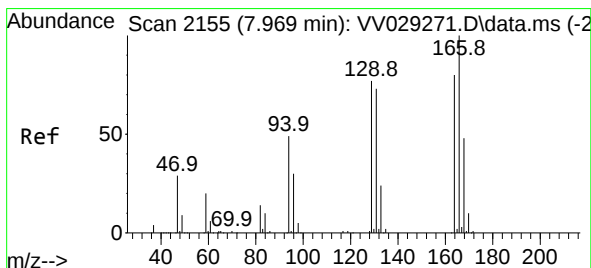
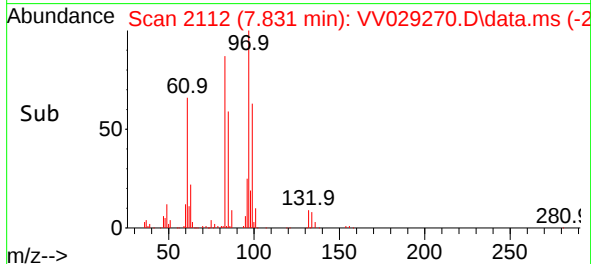
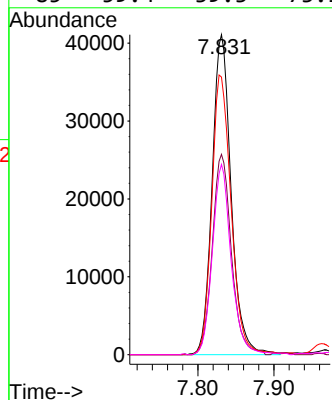
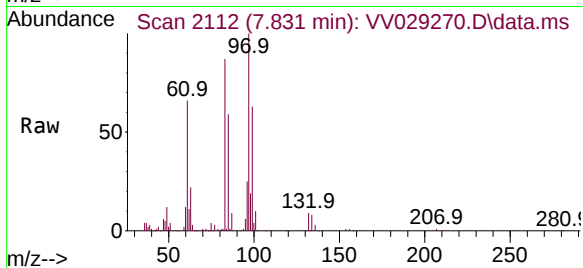




#45
1,1,2-Trichloroethane
Concen: 5.041 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

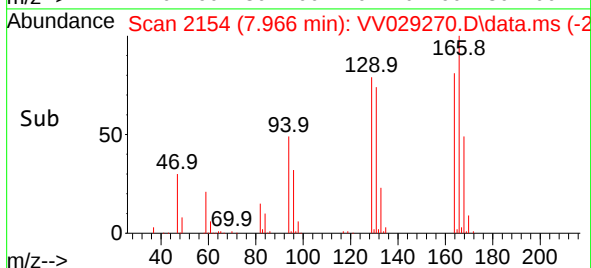
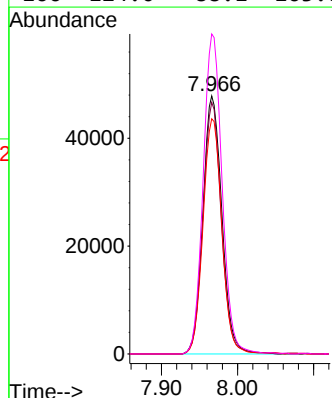
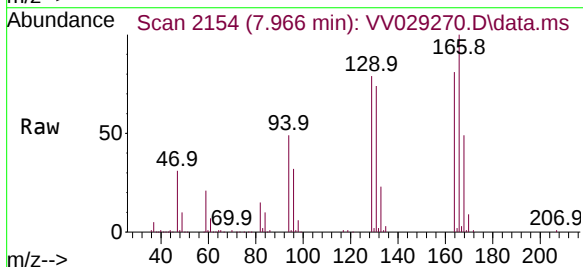
Instrument :
MSVOA_V
ClientSampleId :

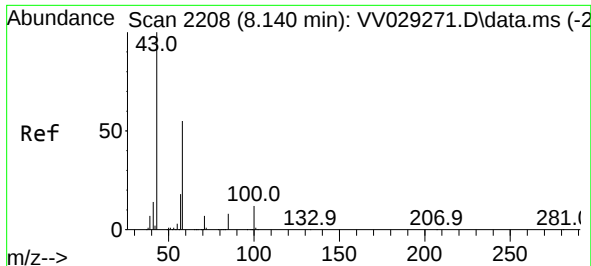
Tgt Ion:	97	Resp:	71274
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.8	79.6
83	86.7	61.4	114.0
85	59.4	39.3	73.1



#47
Tetrachloroethene
Concen: 5.228 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:	164	Resp:	83030
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.3	126.8
131	91.1	65.2	121.0
166	124.0	88.1	163.7

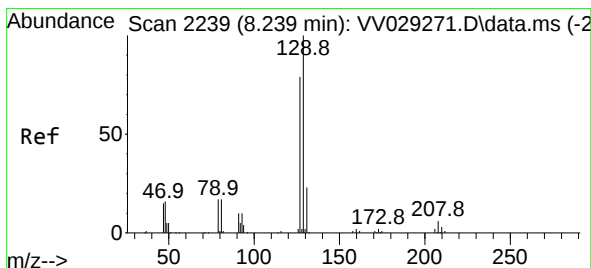
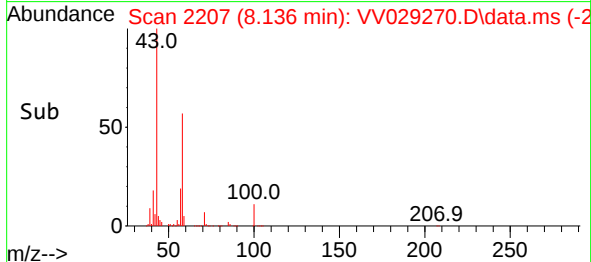
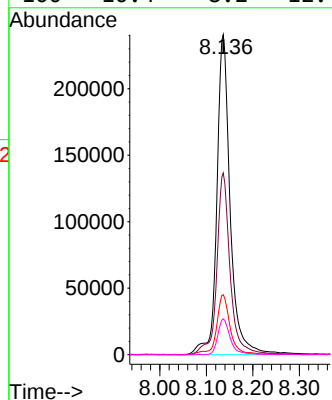
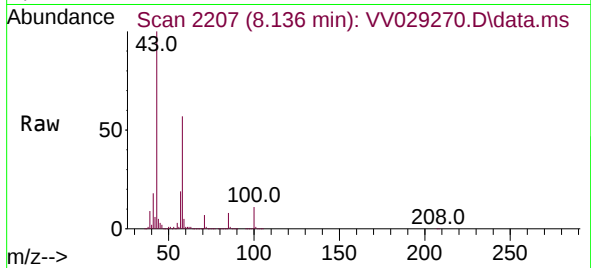




#48
2-Hexanone
Concen: 52.670 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

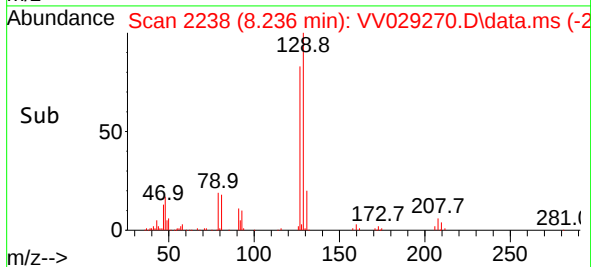
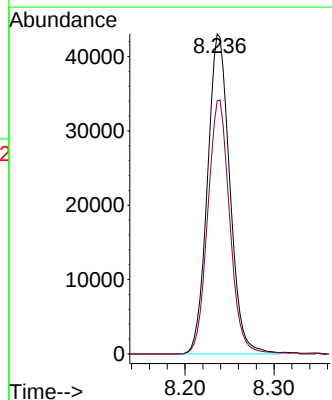
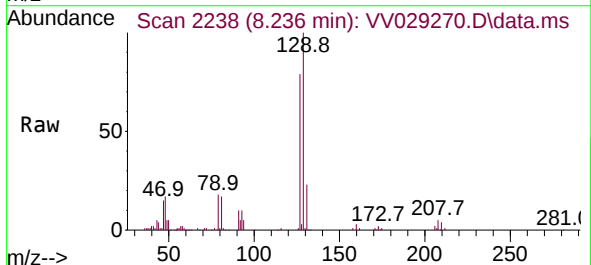
Instrument :
MSVOA_V
ClientSampleId :

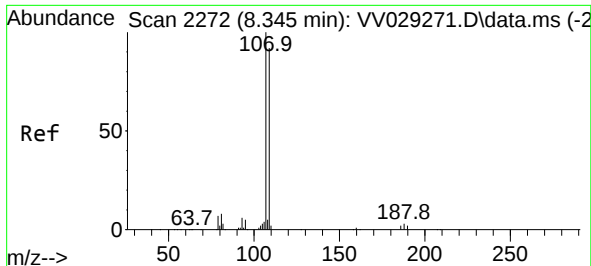
Tgt Ion: 43 Resp: 479383
Ion Ratio Lower Upper
43 100
58 57.0 45.3 67.9
57 19.1 15.4 23.2
100 10.4 8.2 12.4



#49
Dibromochloromethane
Concen: 5.065 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:129 Resp: 74856
Ion Ratio Lower Upper
129 100
127 79.1 54.7 101.5





#50

1,2-Dibromoethane

Concen: 5.108 ug/L

RT: 8.345 min Scan# 211

Delta R.T. -0.000 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

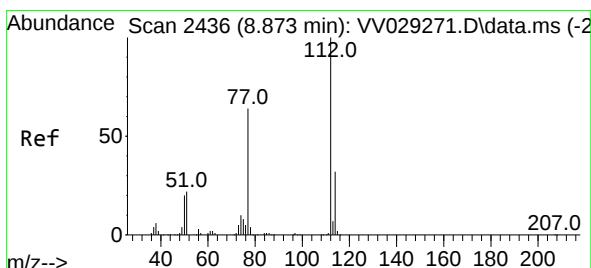
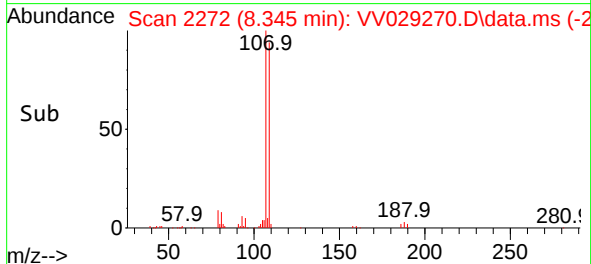
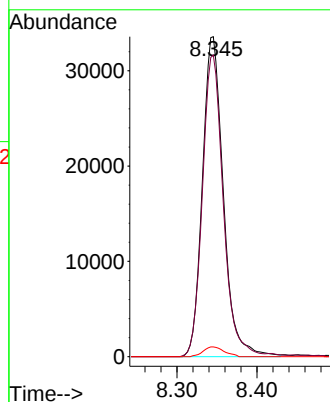
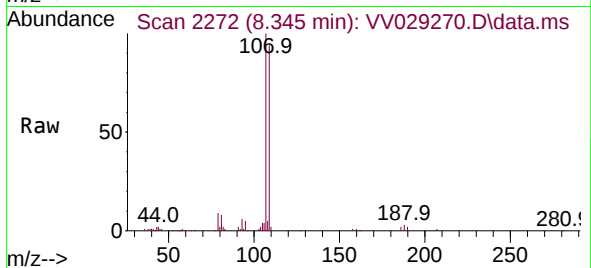
Tgt Ion:107 Resp: 61109

Ion Ratio Lower Upper

107 100

109 94.2 64.3 119.3

188 3.0 3.0 4.6#



#51

Chlorobenzene

Concen: 5.116 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

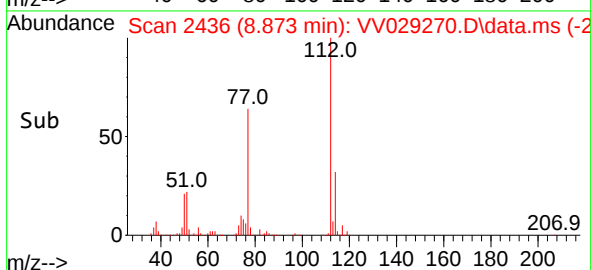
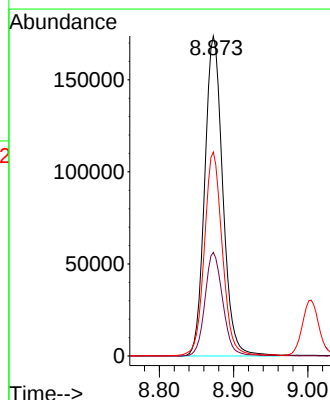
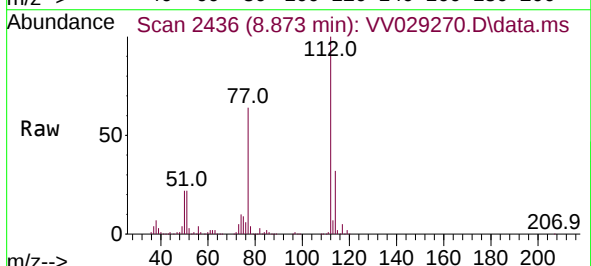
Tgt Ion:112 Resp: 293711

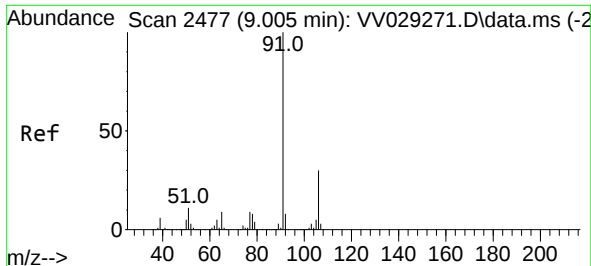
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.3

77 63.7 49.8 74.6





#52

Ethylbenzene

Concen: 5.204 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

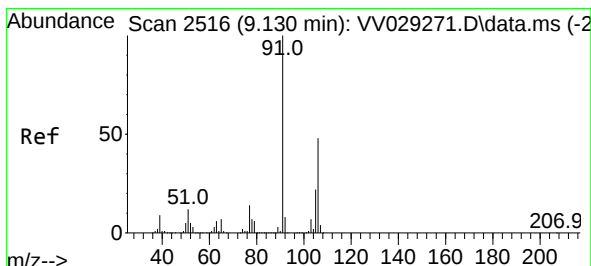
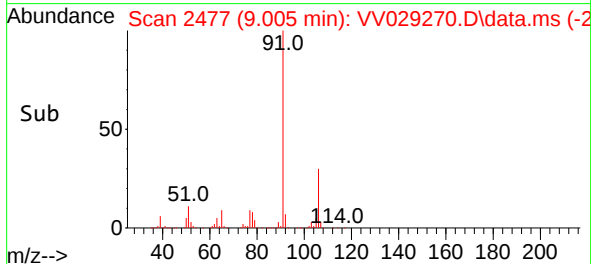
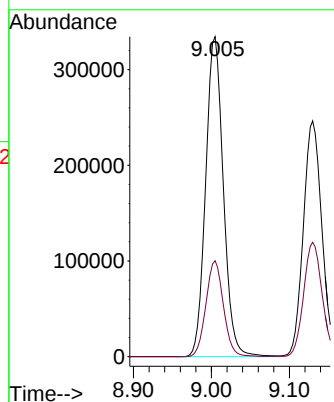
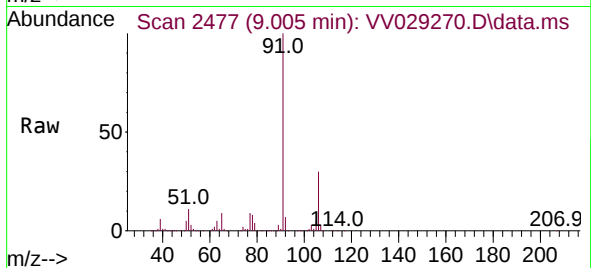
ClientSampleId :

Tgt Ion: 91 Resp: 529157

Ion Ratio Lower Upper

91 100

106 30.0 20.6 38.4



#53

m,p-Xylene

Concen: 5.315 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029270.D

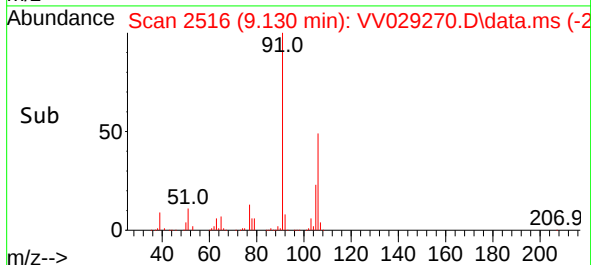
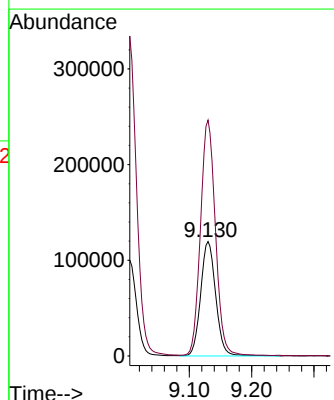
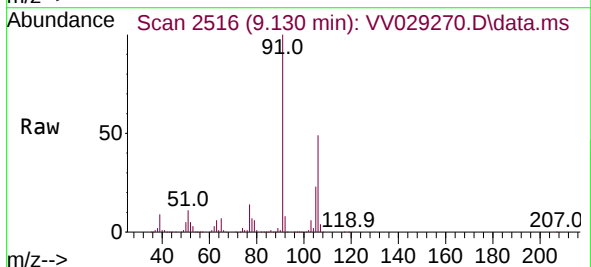
Acq: 22 Nov 2022 18:10

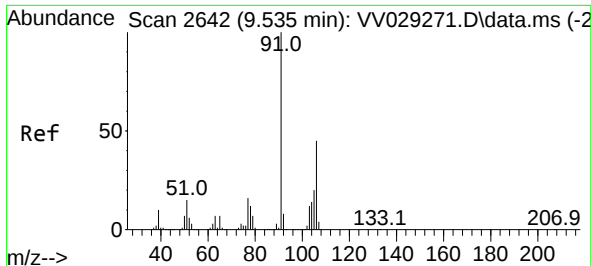
Tgt Ion: 106 Resp: 200619

Ion Ratio Lower Upper

106 100

91 206.0 147.3 273.6

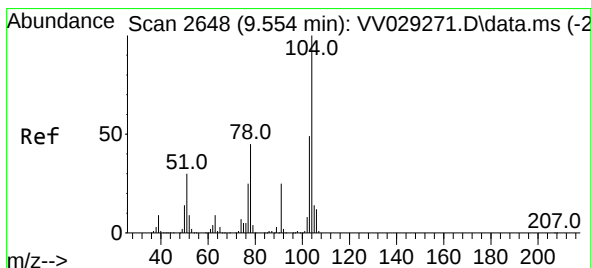
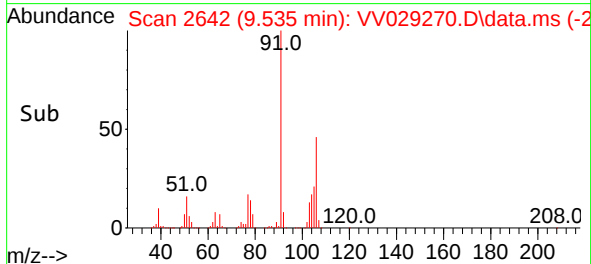
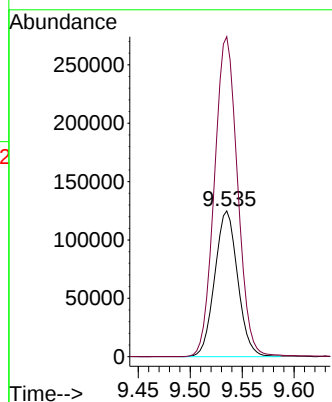
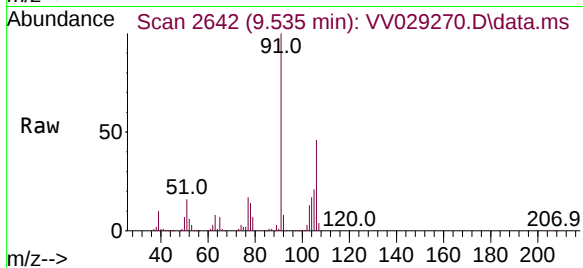




#54
o-Xylene
Concen: 5.198 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

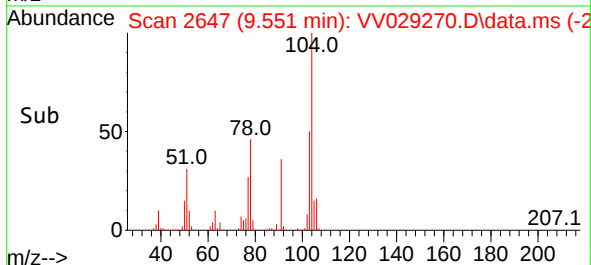
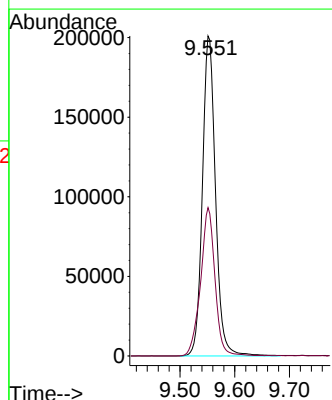
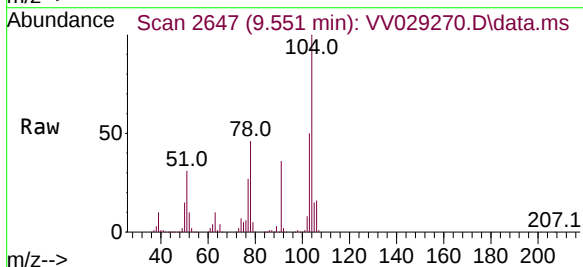
Instrument :
MSVOA_V
ClientSampleId :

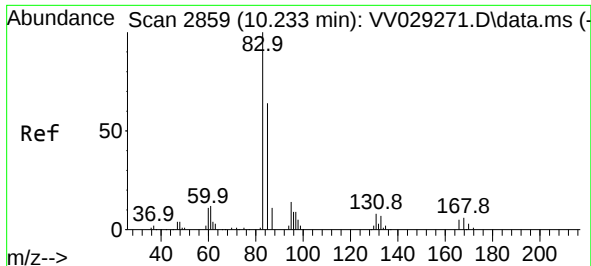
Tgt Ion:106 Resp: 191987
Ion Ratio Lower Upper
106 100
91 219.5 154.6 287.2



#55
Styrene
Concen: 5.289 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:104 Resp: 334090
Ion Ratio Lower Upper
104 100
78 46.4 31.9 59.2

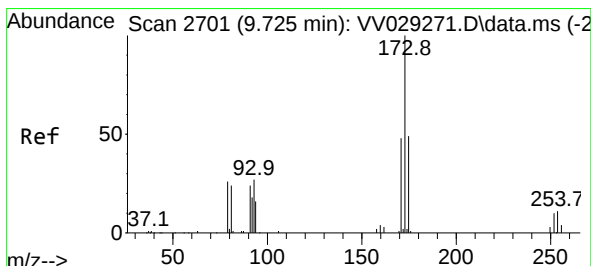
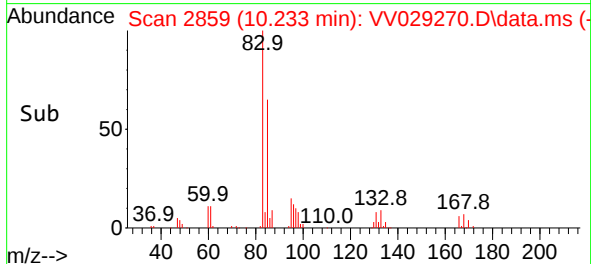
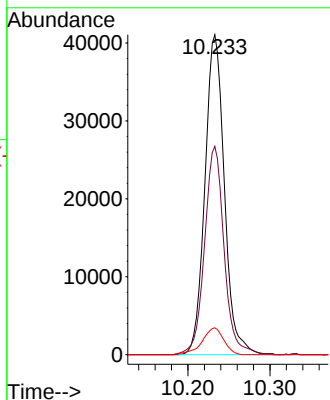
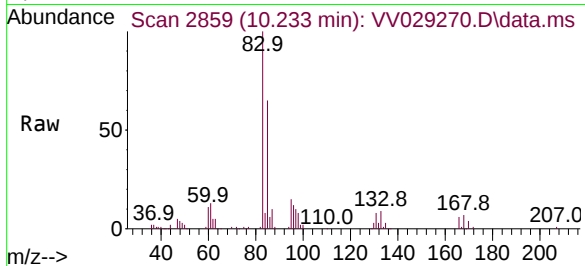




#57
1,1,2,2-Tetrachloroethane
Concen: 5.371 ug/L
RT: 10.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

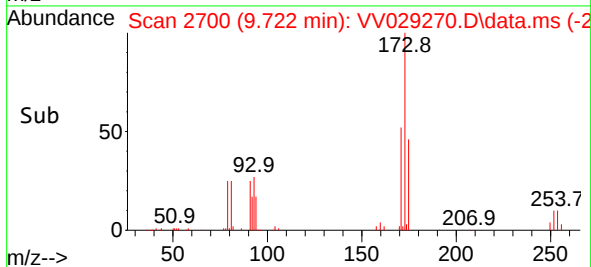
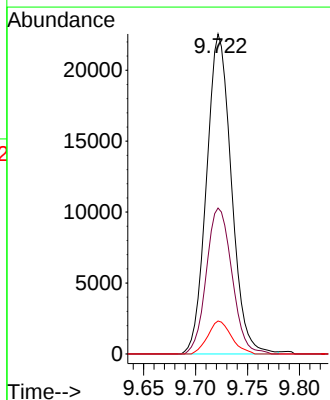
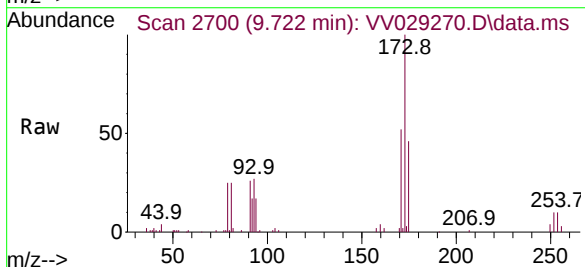
Instrument :
MSVOA_V
ClientSampleId :

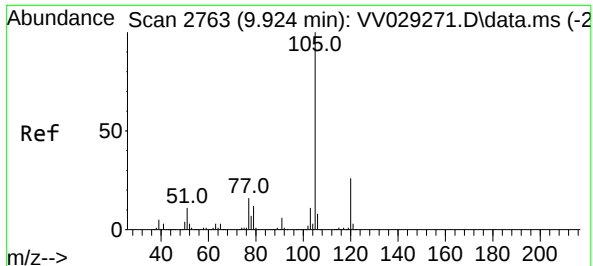
Tgt Ion: 83 Resp: 67866
Ion Ratio Lower Upper
83 100
85 65.1 43.9 81.5
131 8.4 6.9 10.3



#59
Bromoform
Concen: 5.030 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

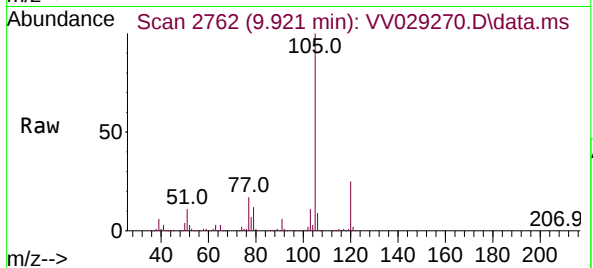
Tgt Ion: 173 Resp: 37572
Ion Ratio Lower Upper
173 100
175 47.0 39.4 59.2
254 9.8 8.2 12.2



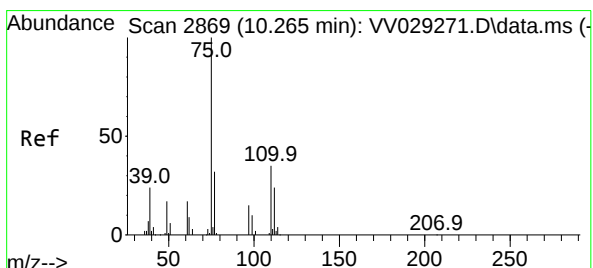
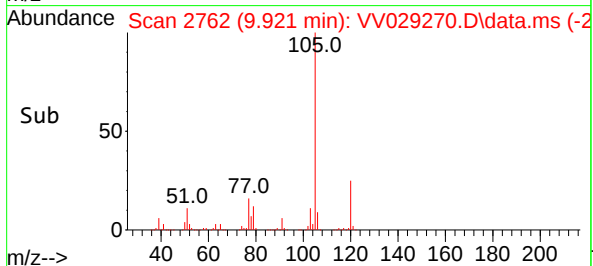
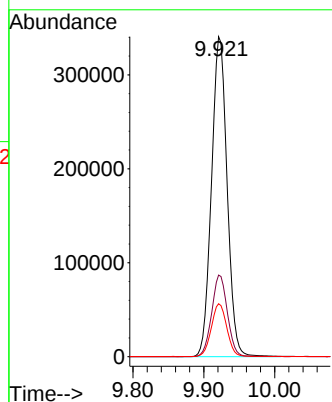


#60
Isopropylbenzene
Concen: 5.074 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Instrument :
MSVOA_V
ClientSampleId :

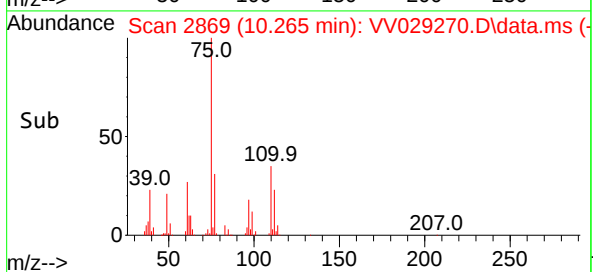
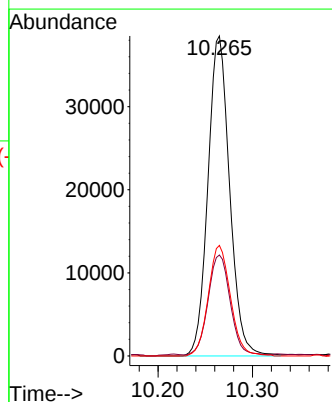
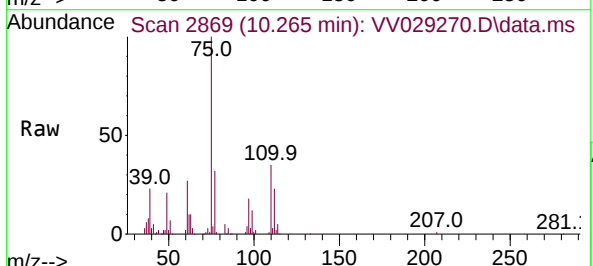


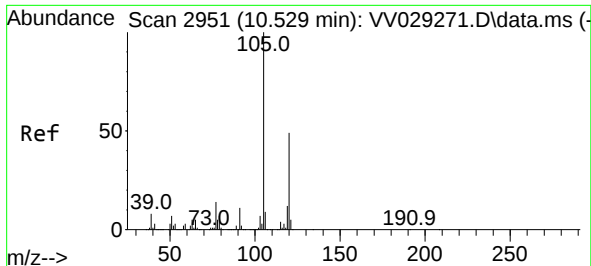
Tgt Ion:105 Resp: 521123
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.039 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion: 75 Resp: 61387
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 35.3 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.084 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029270.D

Acq: 22 Nov 2022 18:10

Instrument :

MSVOA_V

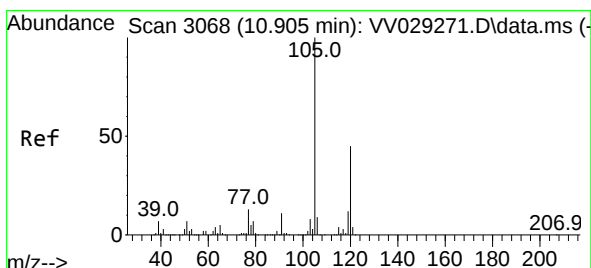
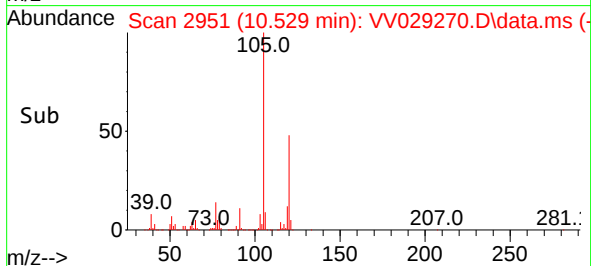
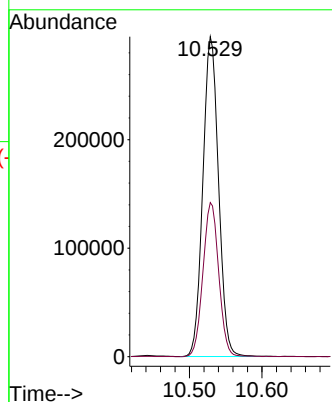
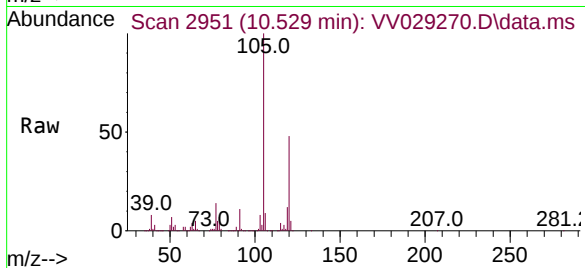
ClientSampleId :

Tgt Ion:105 Resp: 443373

Ion Ratio Lower Upper

105 100

120 48.4 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 5.127 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029270.D

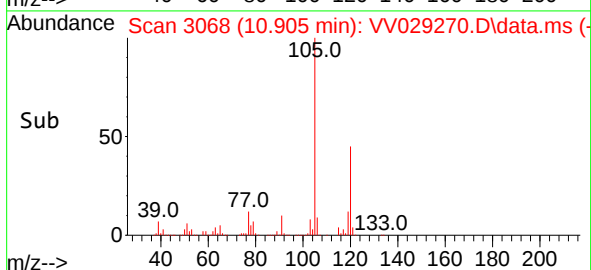
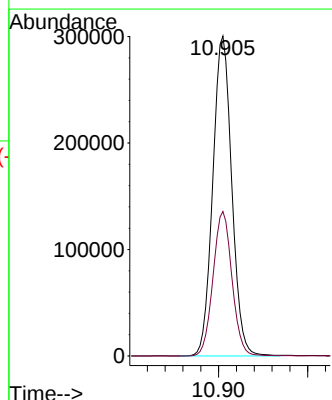
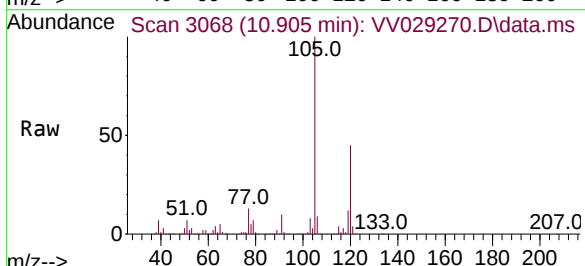
Acq: 22 Nov 2022 18:10

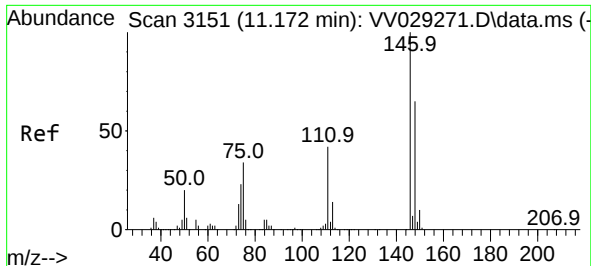
Tgt Ion:105 Resp: 444761

Ion Ratio Lower Upper

105 100

120 45.1 35.6 53.4

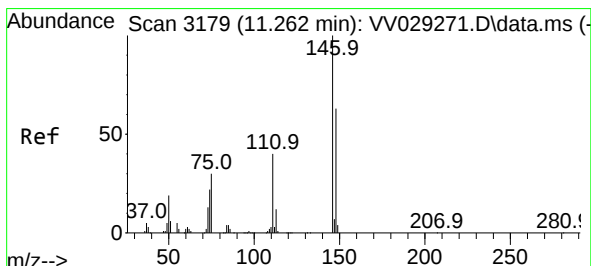
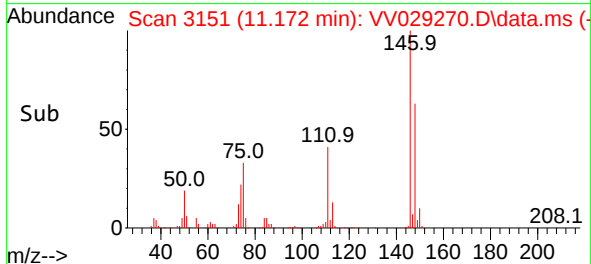
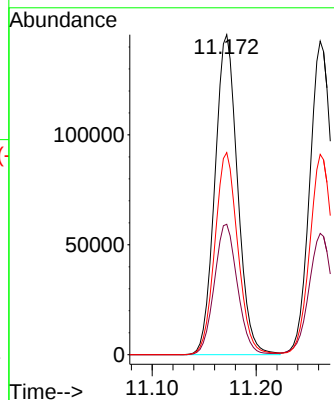
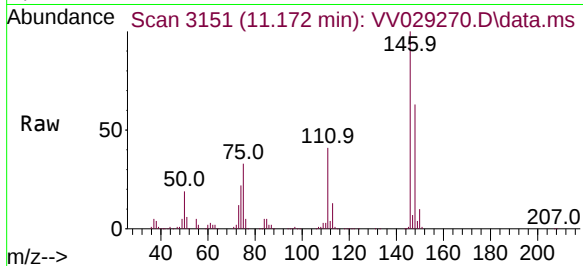




#64
1,3-Dichlorobenzene
Concen: 4.920 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

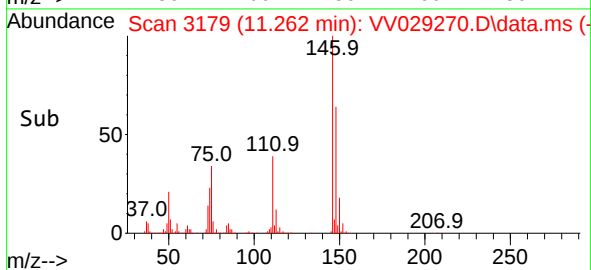
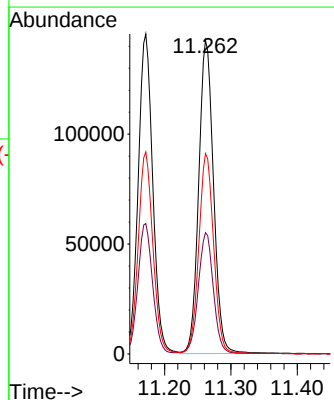
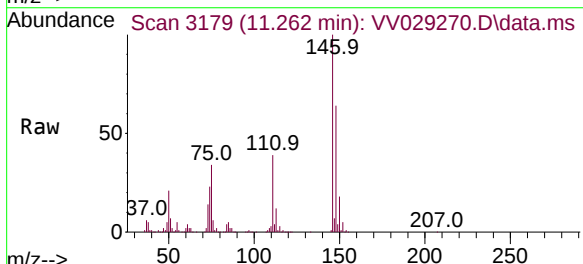
Instrument :
MSVOA_V
ClientSampleId :

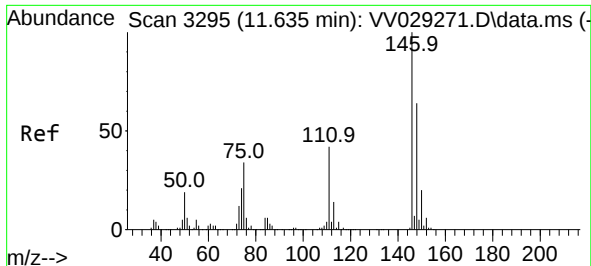
Tgt Ion:146 Resp: 221124
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 63.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:146 Resp: 221493
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 63.9 44.9 83.5

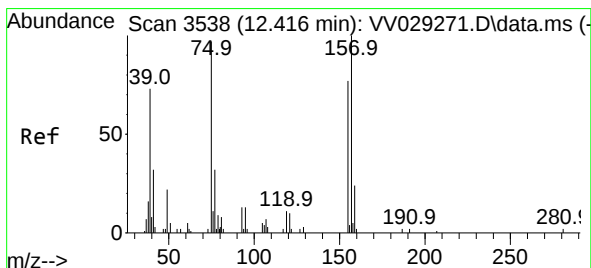
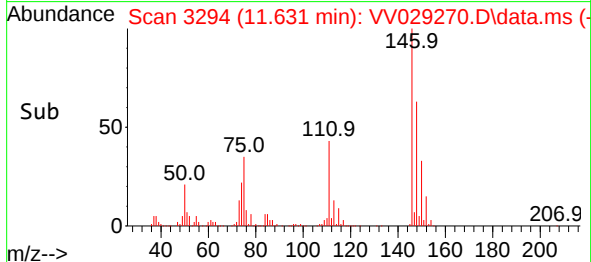
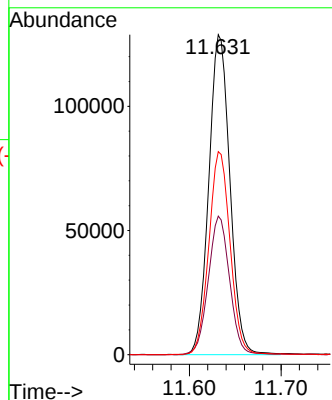
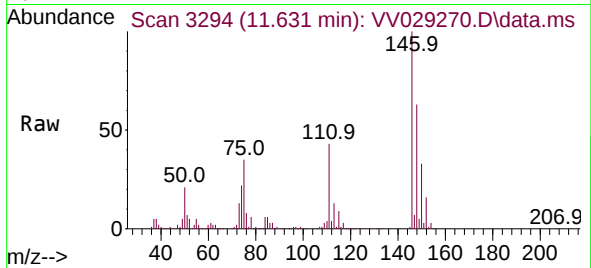




#67
1,2-Dichlorobenzene
Concen: 5.059 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

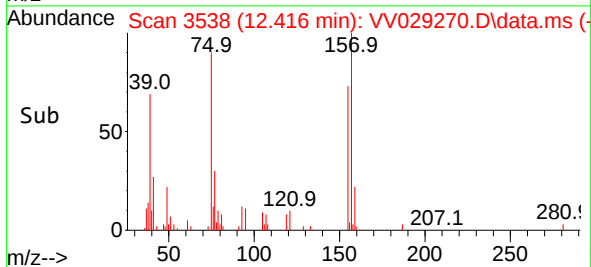
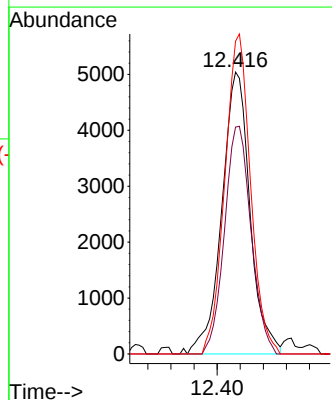
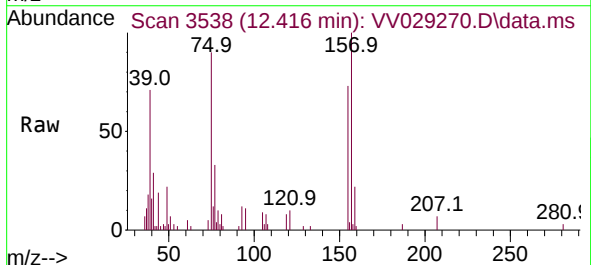
Instrument :
MSVOA_V
ClientSampleId :

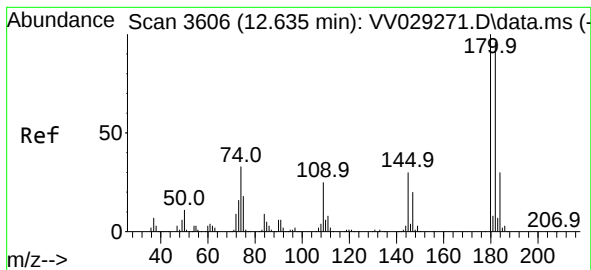
Tgt Ion:146 Resp: 205949
Ion Ratio Lower Upper
146 100
111 43.3 35.6 53.4
148 63.4 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.665 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

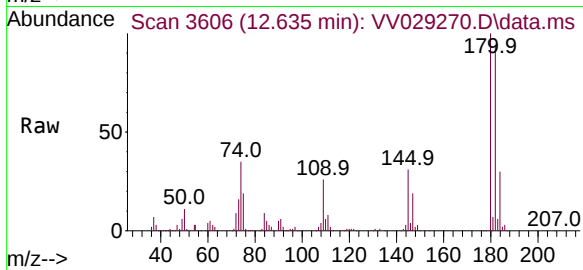
Tgt Ion: 75 Resp: 8535
Ion Ratio Lower Upper
75 100
155 80.5 58.4 87.6
157 110.9 75.5 113.3



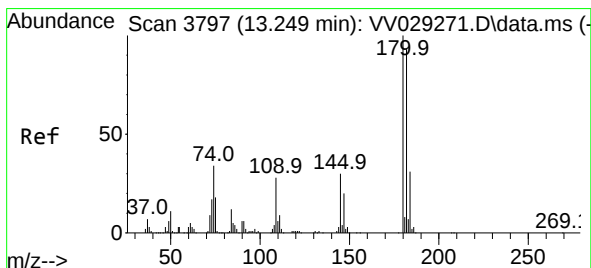
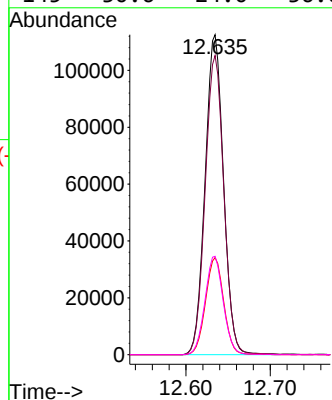
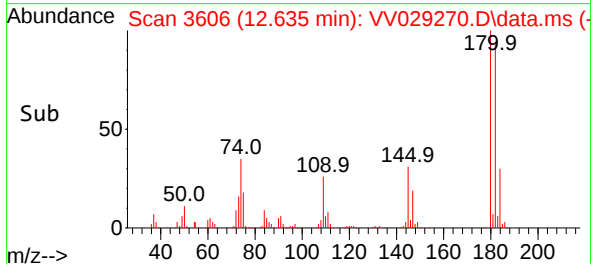


#69
 1,3,5-Trichlorobenzene
 Concen: 4.902 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10

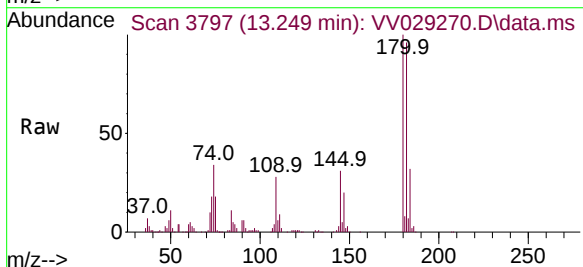
Instrument :
 MSVOA_V
 ClientSampleId :



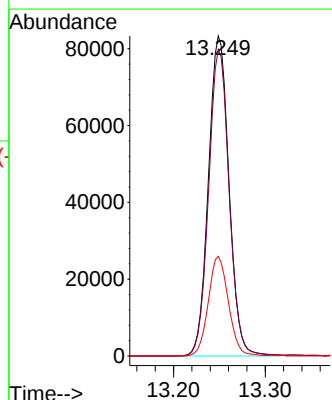
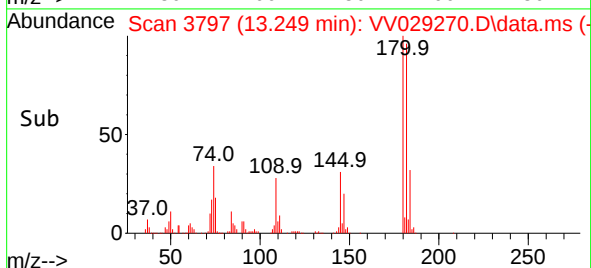
Tgt Ion:180 Resp: 171562
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.9 115.3
 184 29.9 23.9 35.9
 145 30.6 24.0 36.0

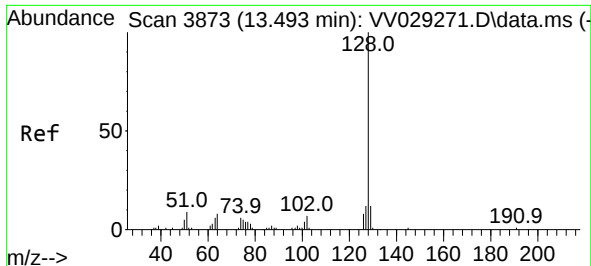


#70
 1,2,4-trichlorobenzene
 Concen: 4.788 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029270.D
 Acq: 22 Nov 2022 18:10



Tgt Ion:180 Resp: 130036
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 145 30.5 25.0 37.6

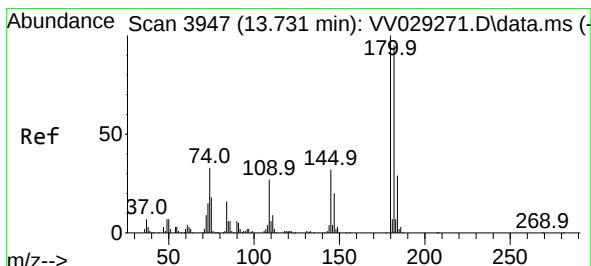
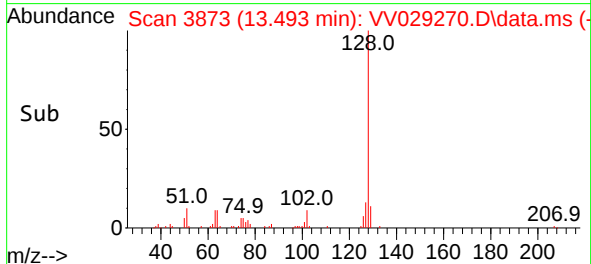
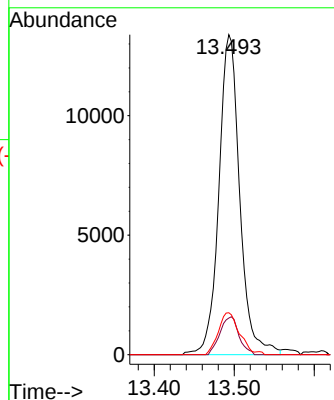
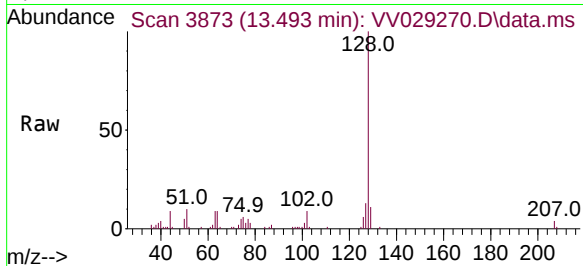




#71
Naphthalene
Concen: 2.620 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 24254
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.739 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029270.D
Acq: 22 Nov 2022 18:10

Tgt Ion:180 Resp: 103636
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.2
145 32.7 26.3 39.5

