

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029303.D
 Acq On : 23 Nov 2022 18:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:27:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	343772	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	300791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	155632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96240	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.564	69	72514	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.105	63	163927	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.912	46	167467	47.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.640%
24) Chloroform-d	4.339	84	178647	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.027	65	79386	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.043	84	386670	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.063	67	108048	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.307	98	367237	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.616	79	43377	4.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	155193	48.342	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66243	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	127054	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124812	4.866	ug/L	99
3) Chloromethane	1.240	50	112865	4.802	ug/L	100
5) Vinyl chloride	1.307	62	119652	5.109	ug/L	99
6) Bromomethane	1.519	94	75829	5.189	ug/L	100
8) Chloroethane	1.581	64	72119	5.182	ug/L	98
9) Trichlorofluoromethane	1.751	101	170038	5.187	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	93913	5.138	ug/L	99
12) 1,1-Dichloroethene	2.114	96	92504	5.233	ug/L	94
13) Acetone	2.208	43	113539	44.123	ug/L	61
14) Carbon disulfide	2.288	76	271289	5.282	ug/L	99
15) Methyl Acetate	2.439	43	30135	4.075	ug/L	95
16) Methylene chloride	2.500	84	120277	4.453	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	238386	5.275	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	109058	5.376	ug/L	98
19) 1,1-Dichloroethane	3.182	63	191785	5.252	ug/L	97
21) 2-Butanone	3.992	43	202263	50.209	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	122352	5.273	ug/L	98
23) Bromochloromethane	4.243	128	49824	5.360	ug/L	99
25) Chloroform	4.365	83	197470	5.180	ug/L	99

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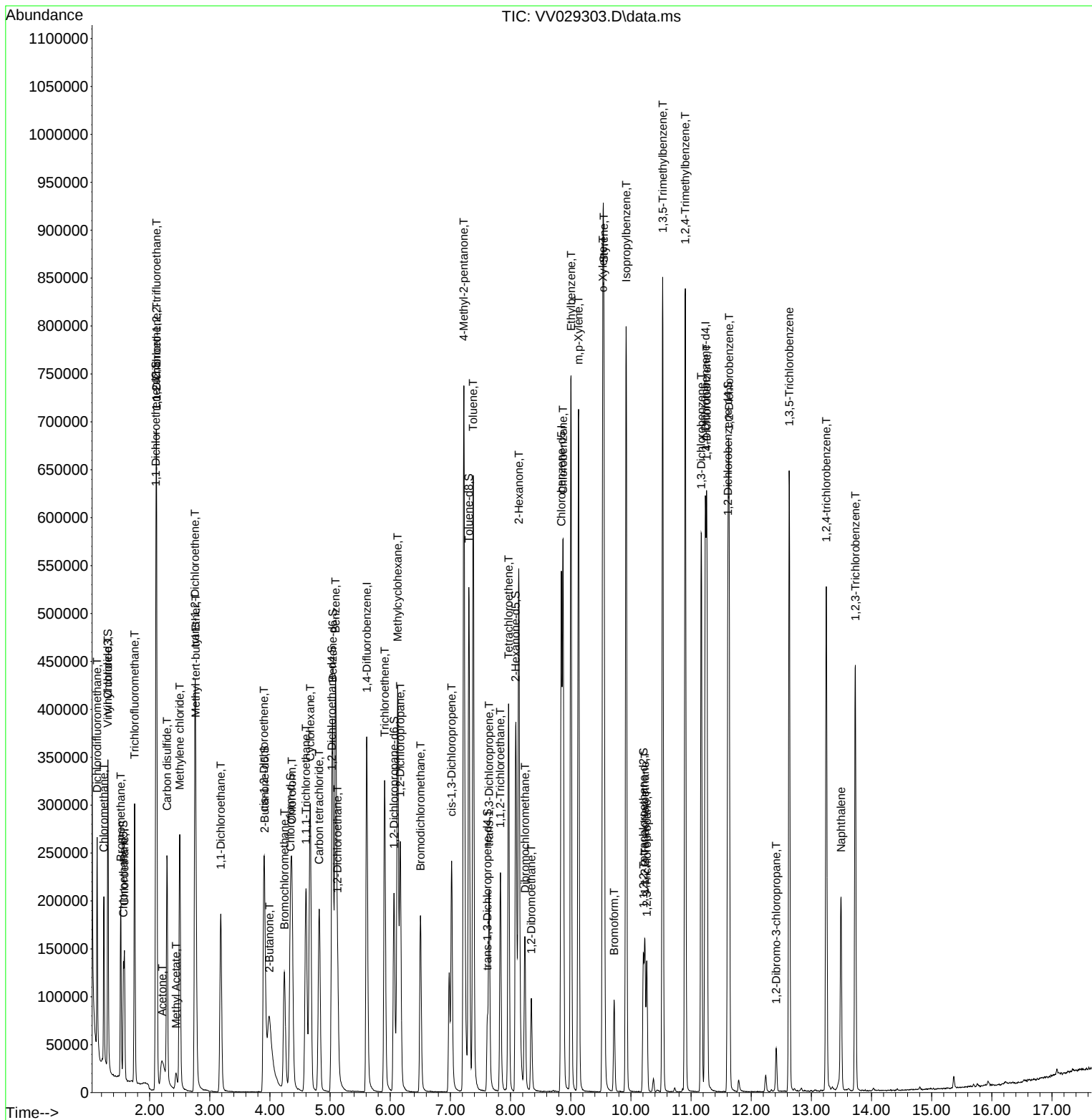
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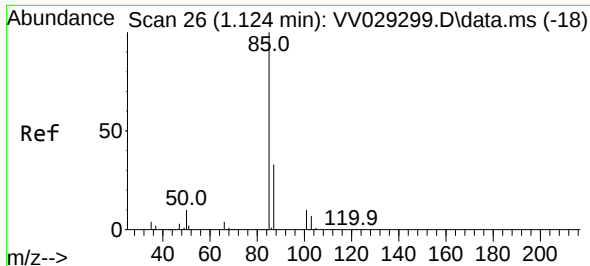
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	104707	5.069	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	178970	5.173	ug/L	99
30) Cyclohexane	4.670	56	175456	5.131	ug/L	99
31) Carbon tetrachloride	4.818	117	148439	5.073	ug/L	98
33) Benzene	5.092	78	458939	5.101	ug/L	100
34) Trichloroethene	5.908	95	116569	5.079	ug/L	99
35) Methylcyclohexane	6.124	83	199264	5.144	ug/L	99
37) 1,2-Dichloropropane	6.166	63	107179	5.057	ug/L	100
38) Bromodichloromethane	6.503	83	131196	5.171	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	161602	5.217	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	525122	52.953	ug/L	100
42) Toluene	7.378	91	492660	5.103	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	129437	5.275	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	74900	5.220	ug/L	98
47) Tetrachloroethene	7.966	164	95918	5.099	ug/L	97
48) 2-Hexanone	8.137	43	366577	53.025	ug/L	97
49) Dibromochloromethane	8.239	129	85568	5.302	ug/L	96
50) 1,2-Dibromoethane	8.346	107	66405	5.304	ug/L #	99
51) Chlorobenzene	8.873	112	317191	5.256	ug/L	99
52) Ethylbenzene	9.005	91	537173	5.336	ug/L	99
53) m,p-Xylene	9.130	106	208981	5.263	ug/L	100
54) o-Xylene	9.535	106	199658	5.119	ug/L	98
55) Styrene	9.551	104	337187	5.122	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	75083	5.057	ug/L	98
59) Bromoform	9.722	173	44024	5.384	ug/L	98
60) Isopropylbenzene	9.921	105	535951	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	56532	5.237	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	457972	5.257	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	463157	5.285	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	247493	5.272	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	242406	5.220	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	229154	5.298	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	11511	5.430	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	203059	5.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	167267	5.337	ug/L	99
71) Naphthalene	13.493	128	179569	6.619	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	139203	5.456	ug/L	98

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

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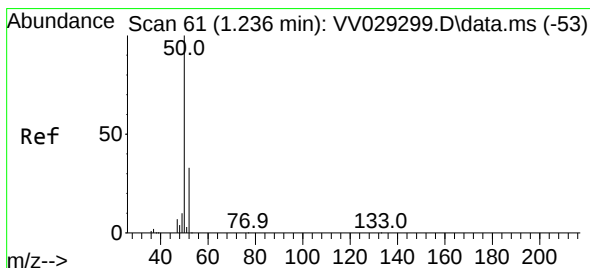
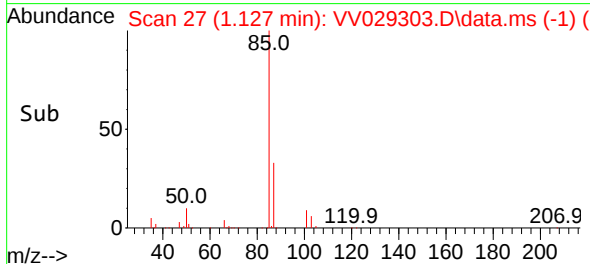
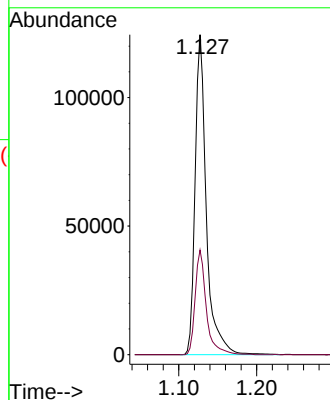
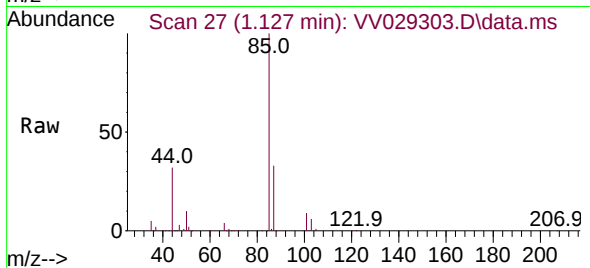




#2
 Dichlorodifluoromethane
 Concen: 4.866 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

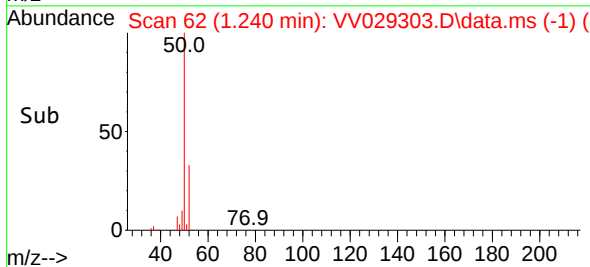
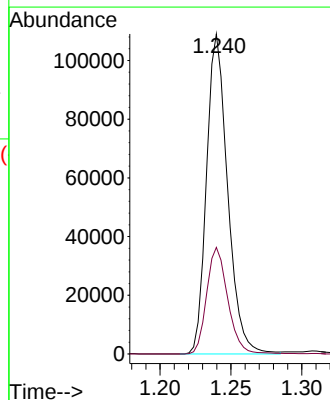
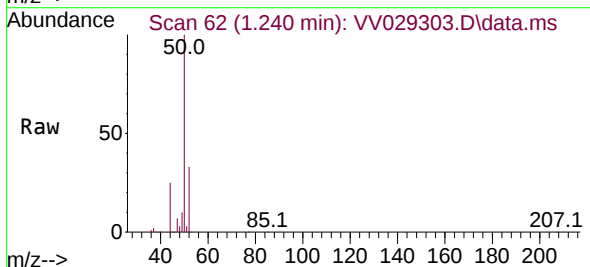
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 ClientSampleId :

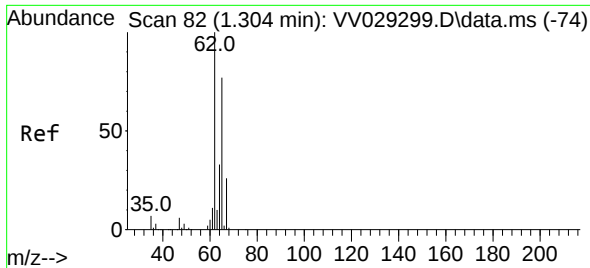
Tgt Ion: 85 Resp: 124812
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.802 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

Tgt Ion: 50 Resp: 112865
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

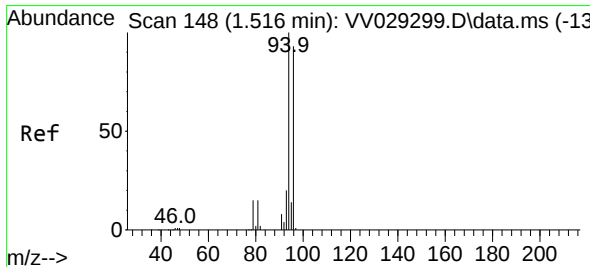
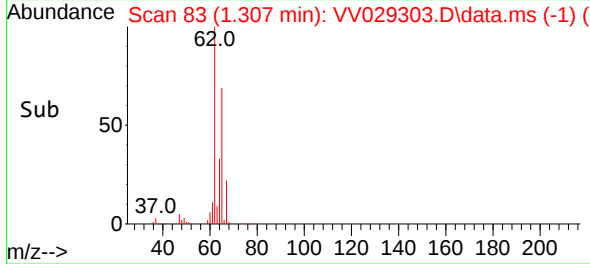
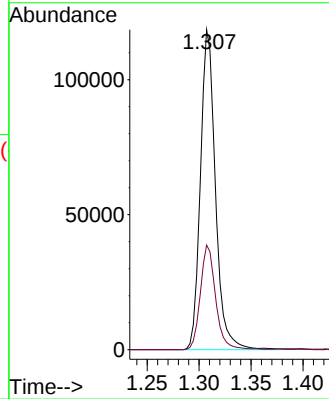
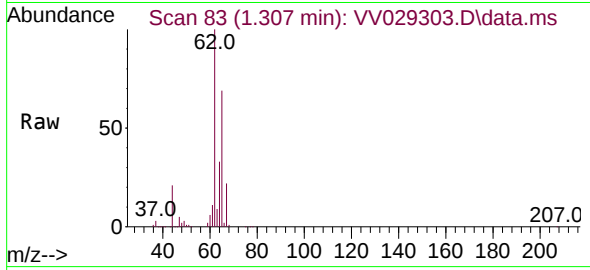




#5
 Vinyl chloride
 Concen: 5.109 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

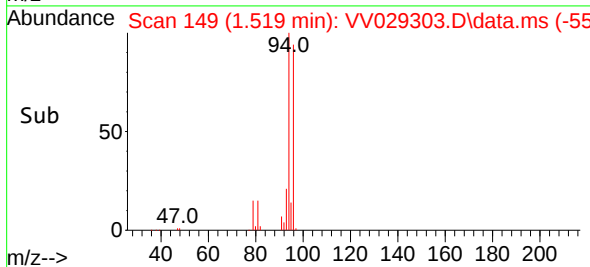
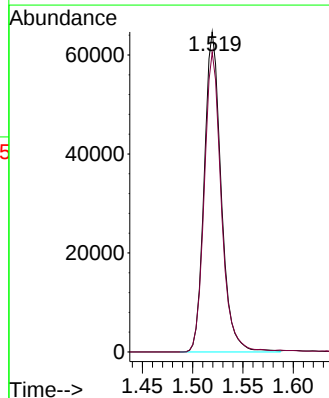
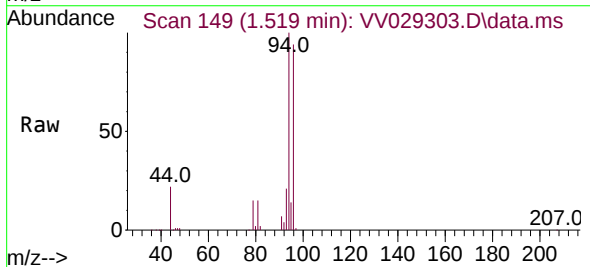
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 ClientSampleId :

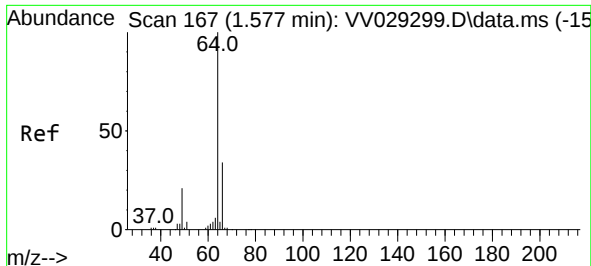
Tgt Ion: 62 Resp: 119652
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 5.189 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

Tgt Ion: 94 Resp: 75829
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.4 121.4





#8

Chloroethane

Concen: 5.182 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

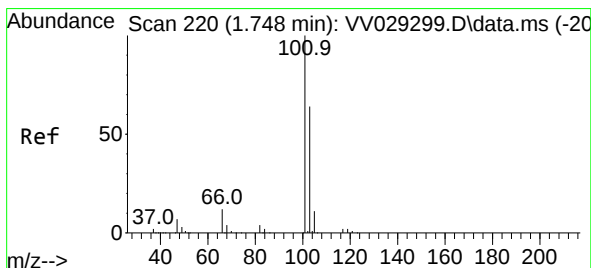
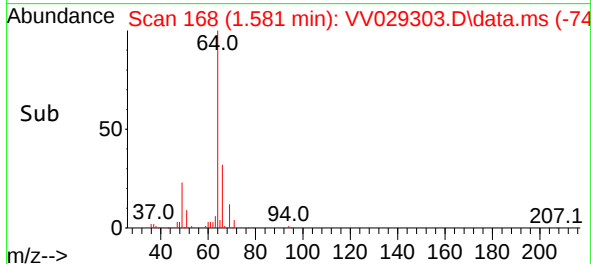
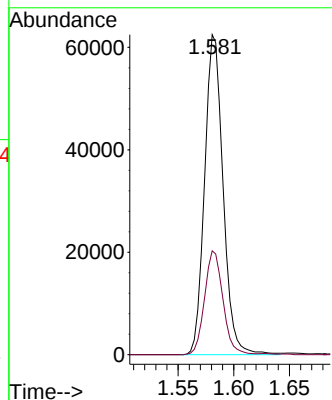
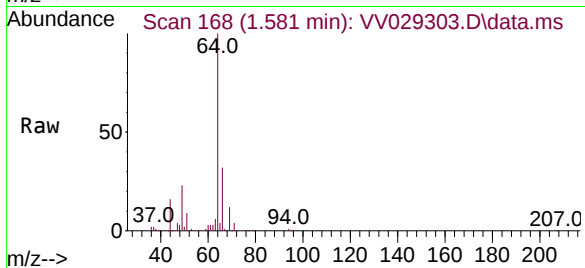
ClientSampleId :

Tgt Ion: 64 Resp: 72119

Ion Ratio Lower Upper

64 100

66 32.5 23.5 43.7



#9

Trichlorofluoromethane

Concen: 5.187 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV029303.D

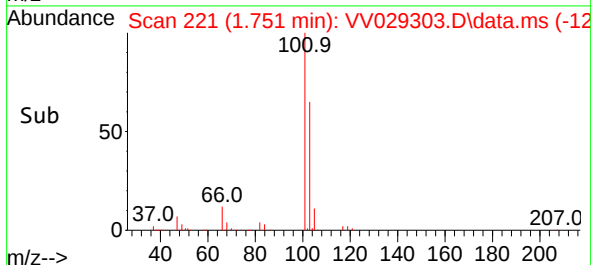
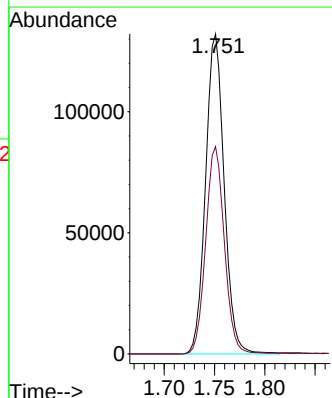
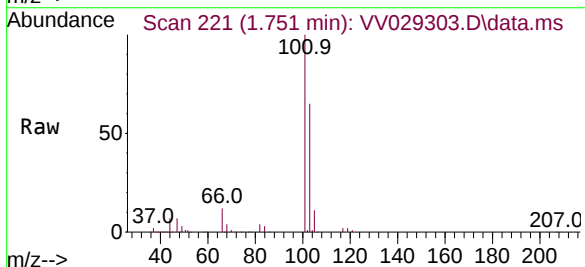
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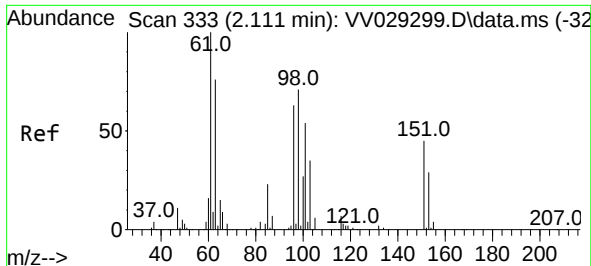
Tgt Ion:101 Resp: 170038

Ion Ratio Lower Upper

101 100

103 65.2 51.8 77.8

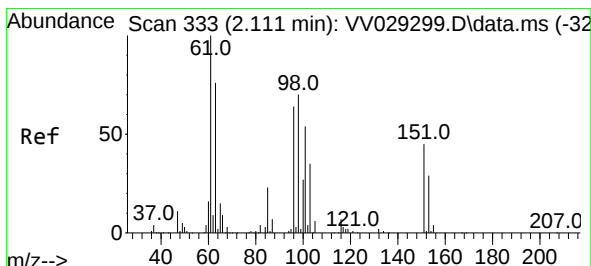
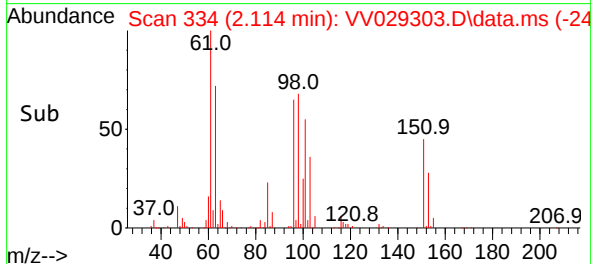
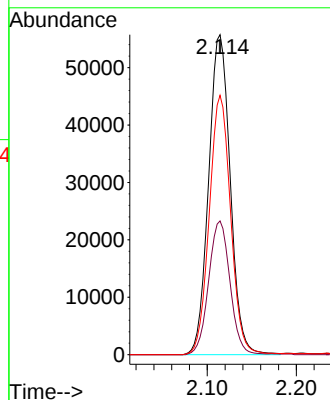
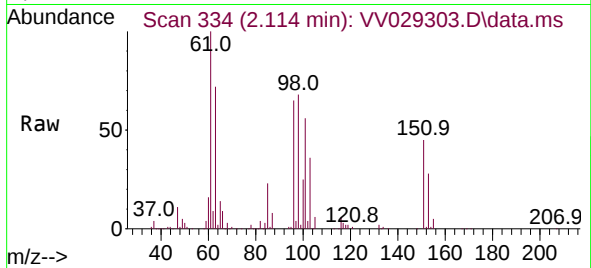




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.138 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

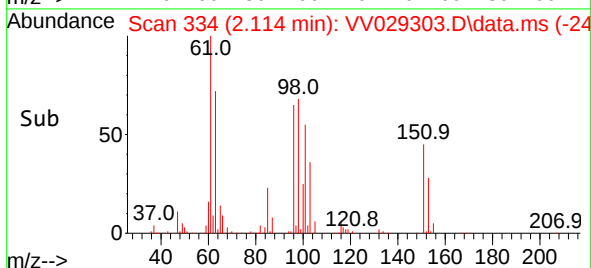
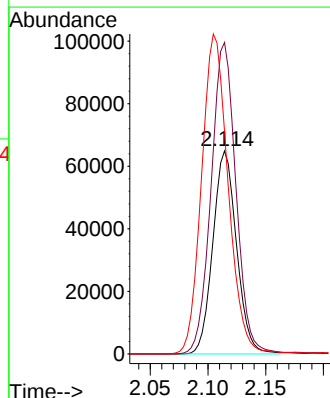
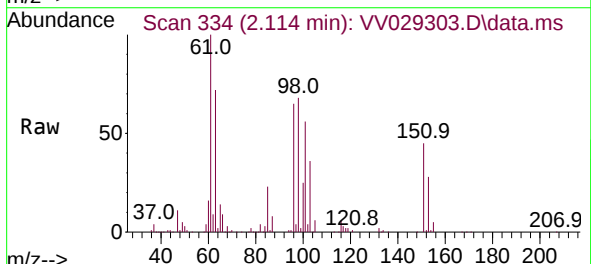
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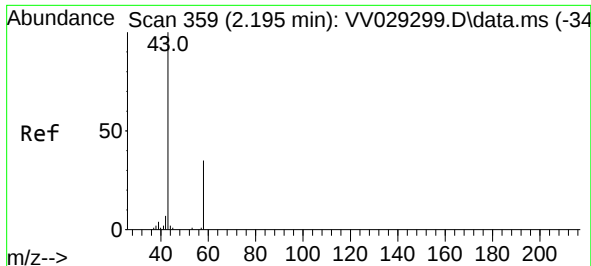
Tgt Ion:101 Resp: 93913
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.6 50.4
 151 80.3 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 5.233 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

Tgt Ion: 96 Resp: 92504
 Ion Ratio Lower Upper
 96 100
 61 153.4 110.3 204.9
 63 109.8 84.4 156.8





#13

Acetone

Concen: 44.123 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

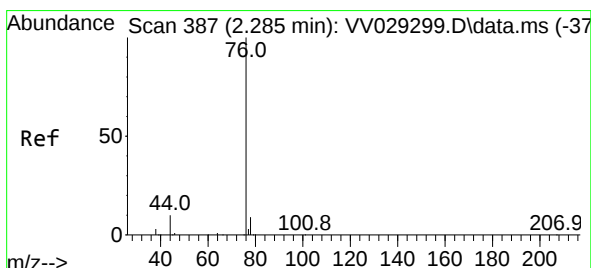
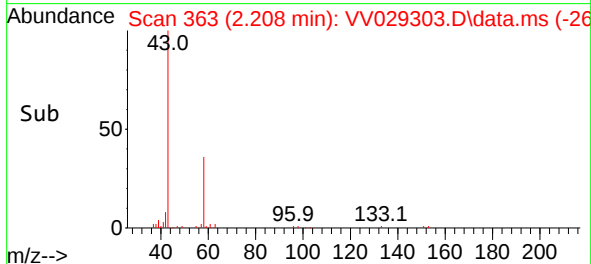
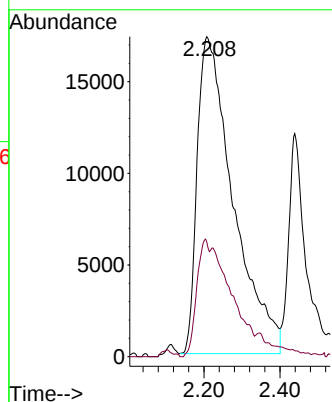
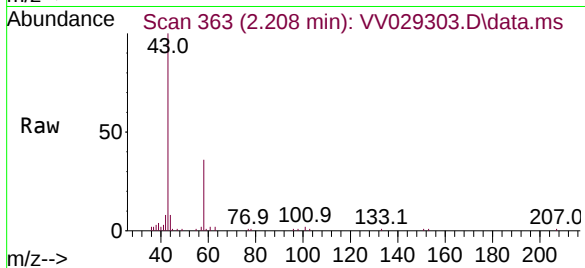
ClientSampleId :

Tgt Ion: 43 Resp: 113539

Ion Ratio Lower Upper

43 100

58 12.5 0.0 70.8



#14

Carbon disulfide

Concen: 5.282 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029303.D

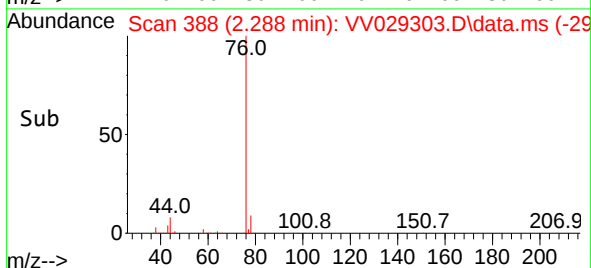
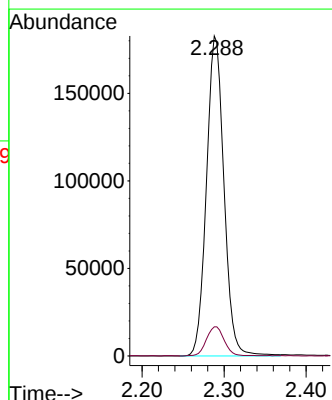
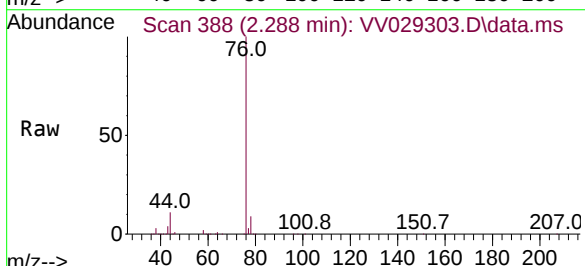
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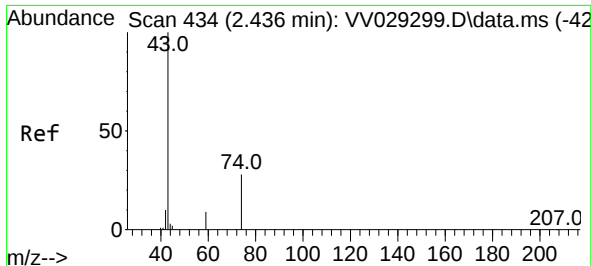
Tgt Ion: 76 Resp: 271289

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

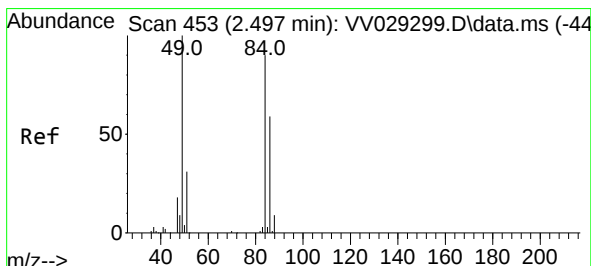
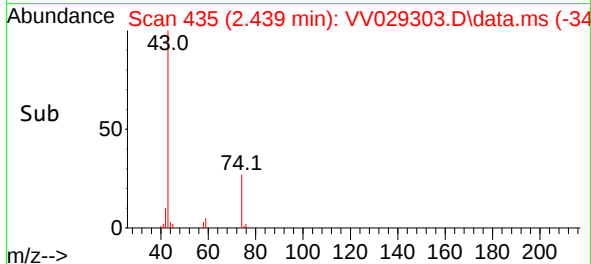
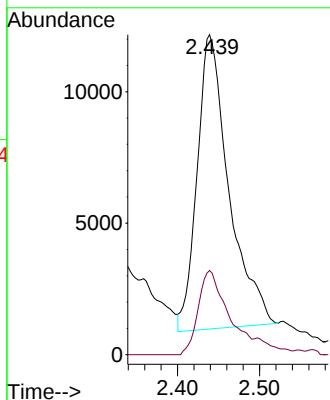
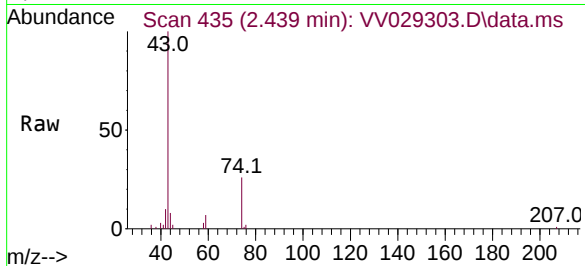




#15
Methyl Acetate
Concen: 4.075 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

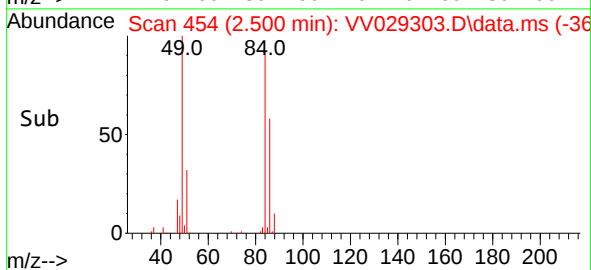
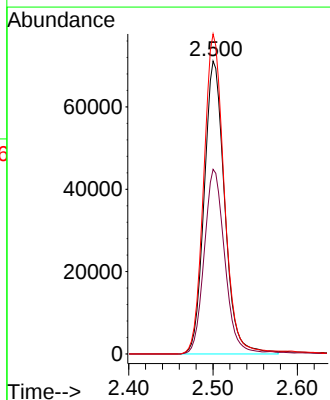
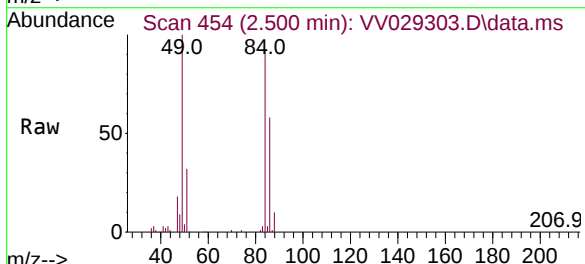
Instrument :
MSVOA_V
ClientSampleId :

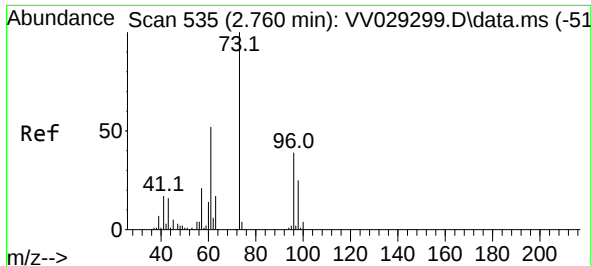
Tgt Ion: 43 Resp: 30135
Ion Ratio Lower Upper
43 100
74 27.1 19.6 29.4



#16
Methylene chloride
Concen: 4.453 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 84 Resp: 120277
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.6
49 109.2 77.8 144.4





#17

Methyl tert-butyl Ether

Concen: 5.275 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

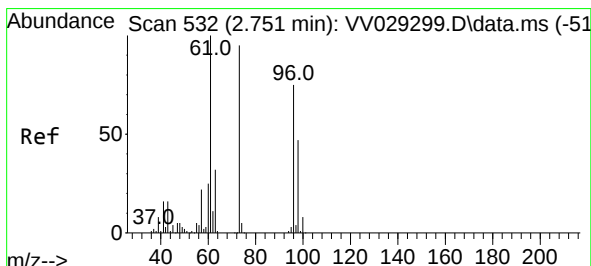
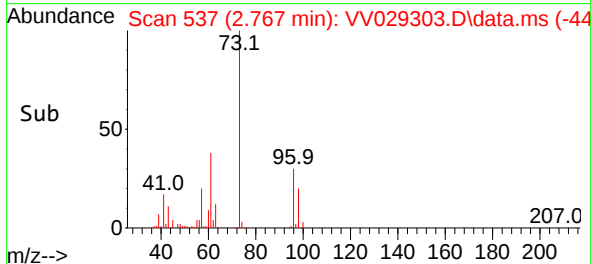
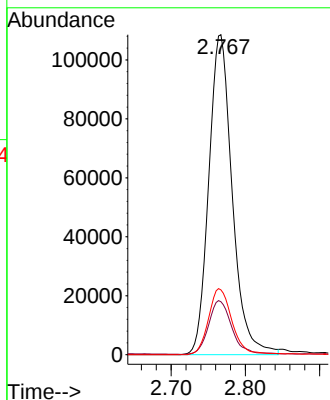
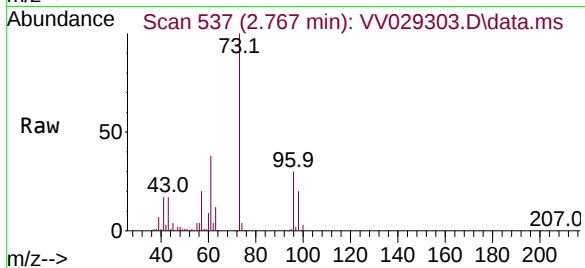
Tgt Ion: 73 Resp: 238386

Ion Ratio Lower Upper

73 100

43 16.6 13.2 19.8

57 20.7 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 5.376 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

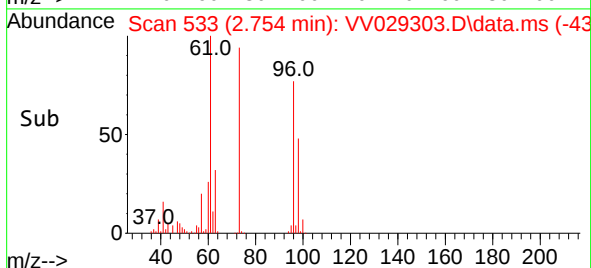
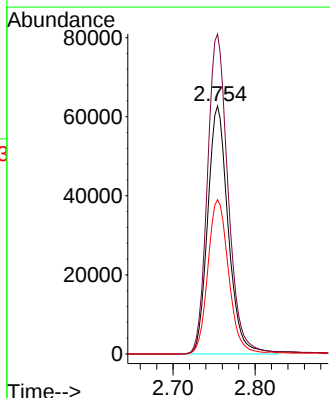
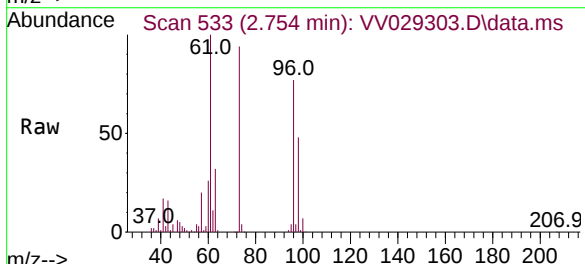
Tgt Ion: 96 Resp: 109058

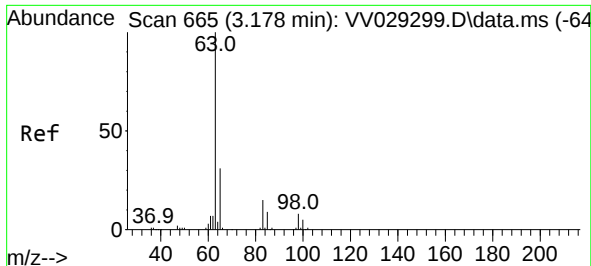
Ion Ratio Lower Upper

96 100

61 129.0 93.0 172.6

98 62.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.252 ug/L

RT: 3.182 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

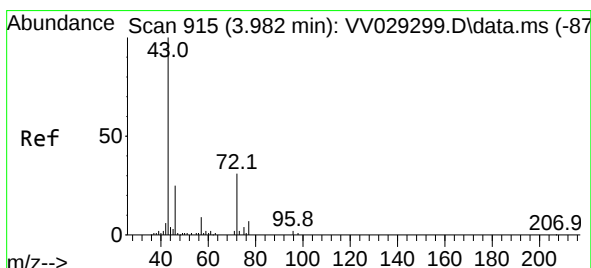
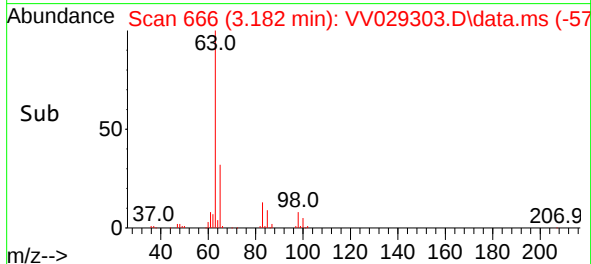
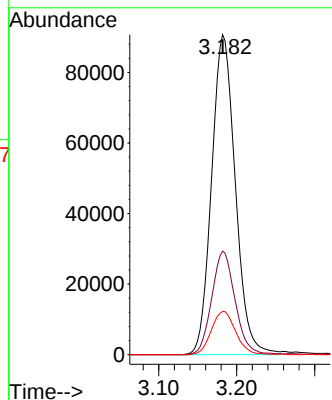
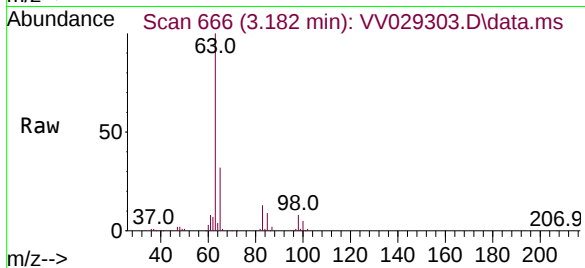
Tgt Ion: 63 Resp: 191785

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.2

83 13.5 10.3 19.1



#21

2-Butanone

Concen: 50.209 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.010 min

Lab File: VV029303.D

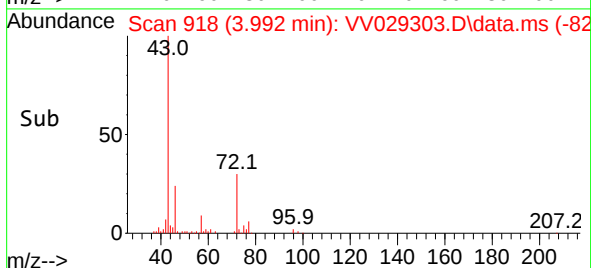
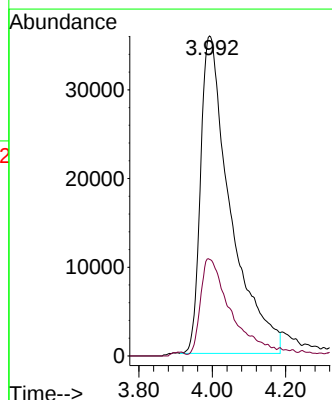
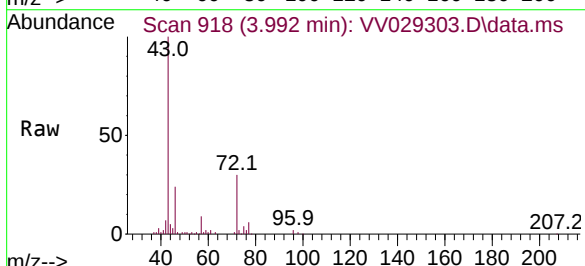
Acq: 23 Nov 2022 18:38

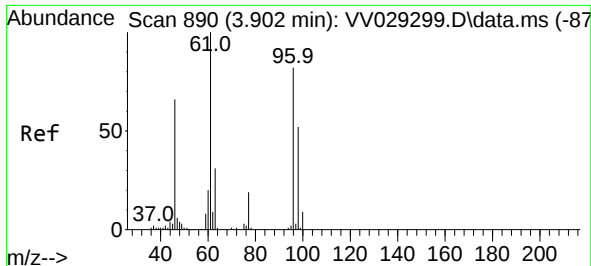
Tgt Ion: 43 Resp: 202263

Ion Ratio Lower Upper

43 100

72 29.4 13.8 41.3

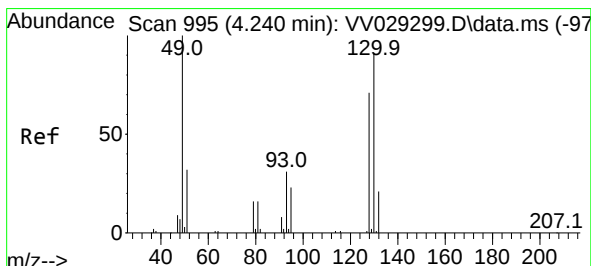
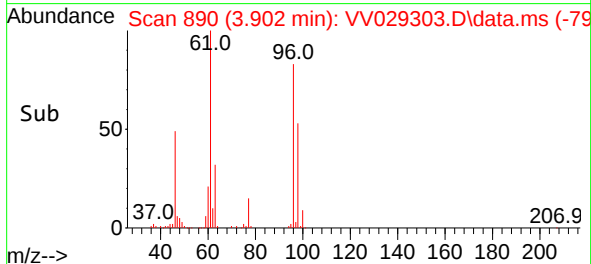
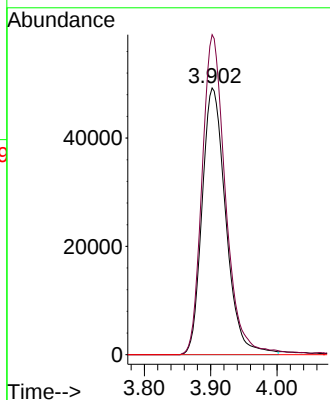
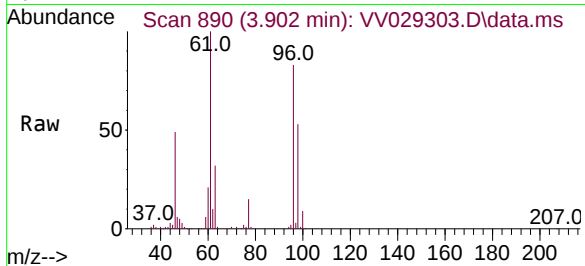




#22
 cis-1,2-Dichloroethene
 Concen: 5.273 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

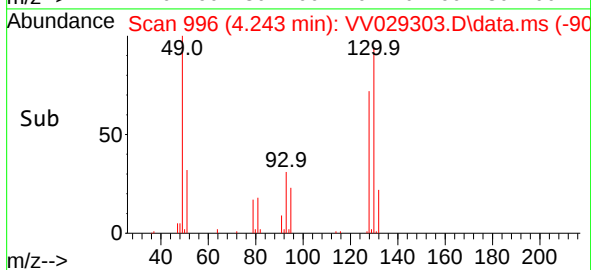
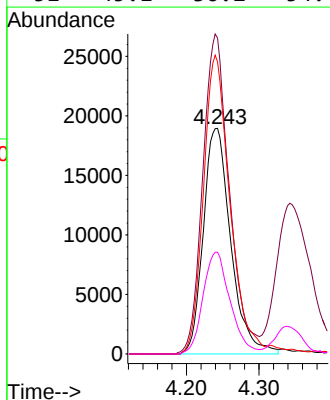
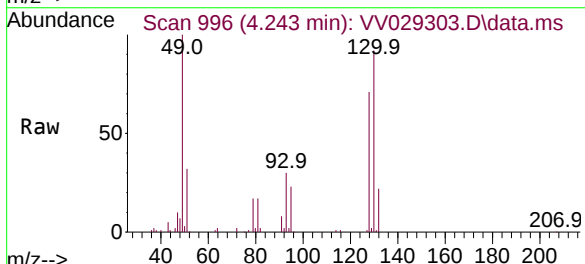
Instrument :
 MSVOA_V
 ClientSampleId :

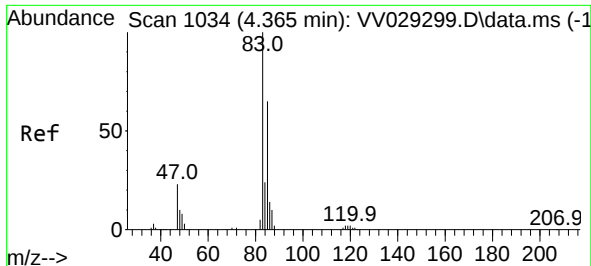
Tgt Ion: 96 Resp: 122352
 Ion Ratio Lower Upper
 96 100
 61 120.0 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.360 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV029303.D
 Acq: 23 Nov 2022 18:38

Tgt Ion: 128 Resp: 49824
 Ion Ratio Lower Upper
 128 100
 49 140.1 100.0 185.8
 130 129.5 90.2 167.6
 51 45.1 36.2 54.4

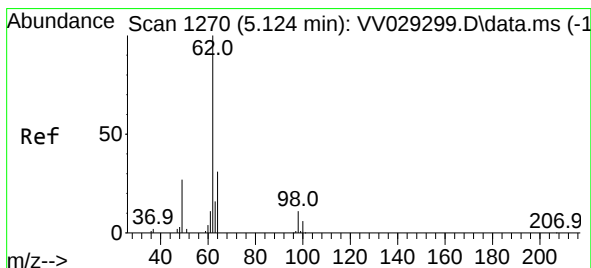
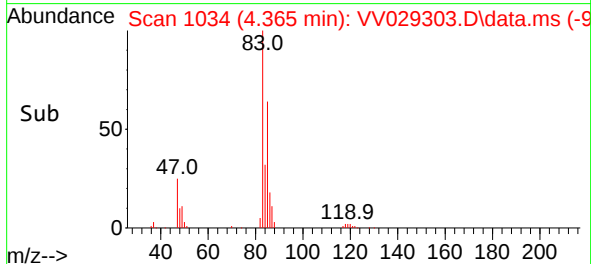
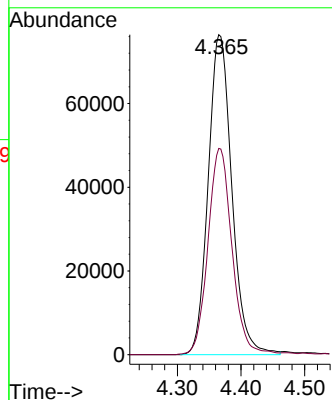
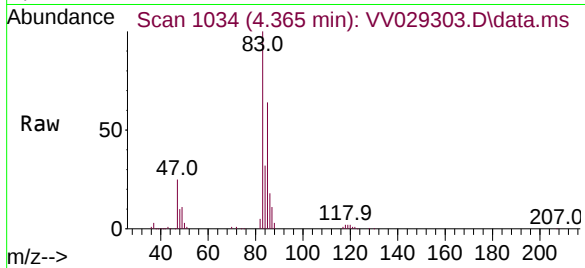




#25
Chloroform
Concen: 5.180 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

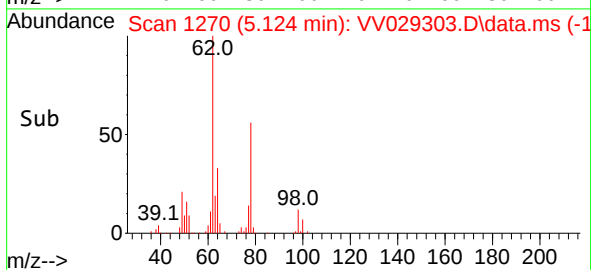
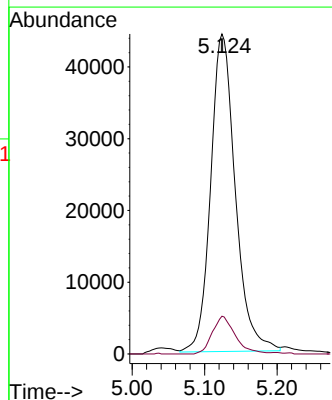
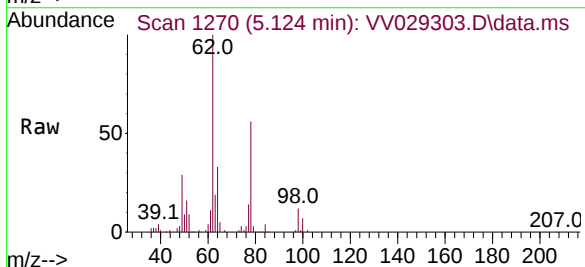
Instrument :
MSVOA_V
ClientSampleId :

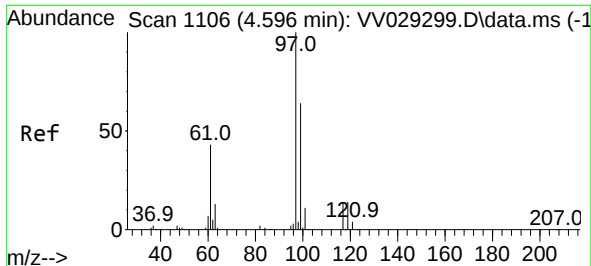
Tgt Ion: 83 Resp: 197470
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.069 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 62 Resp: 104707
Ion Ratio Lower Upper
62 100
98 11.8 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.173 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

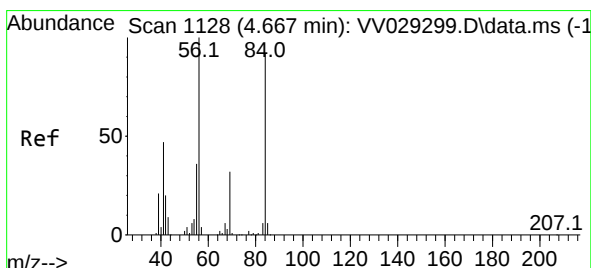
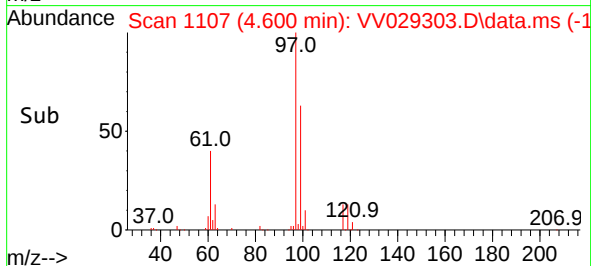
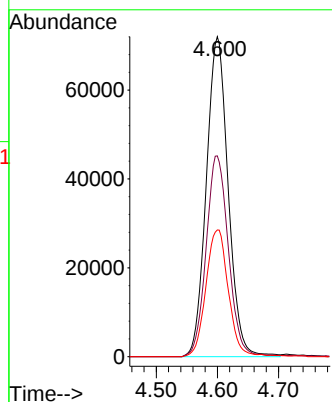
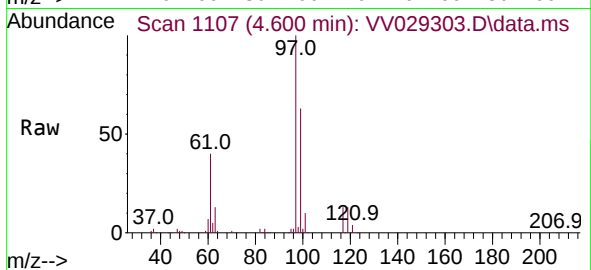
Tgt Ion: 97 Resp: 178970

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 40.3 33.3 49.9



#30

Cyclohexane

Concen: 5.131 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

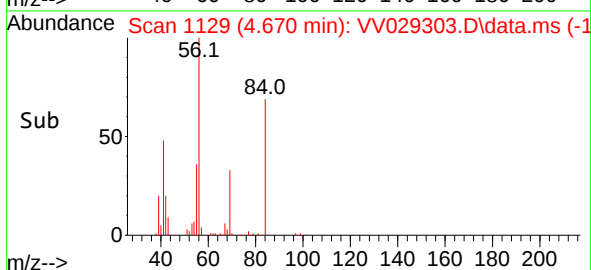
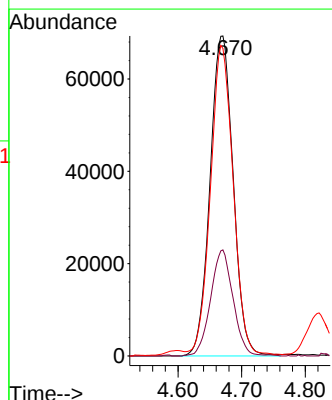
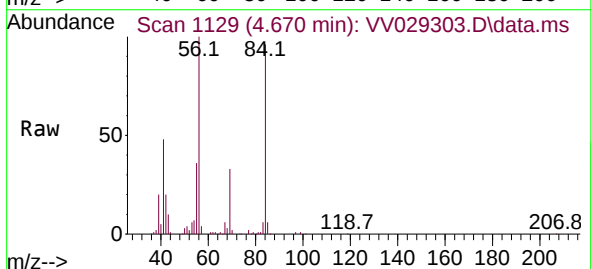
Tgt Ion: 56 Resp: 175456

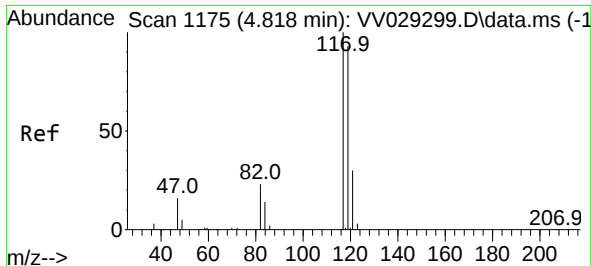
Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 95.3 75.6 113.4

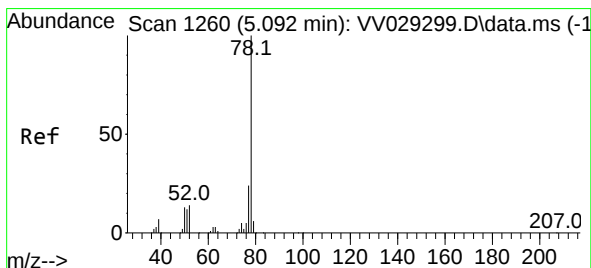
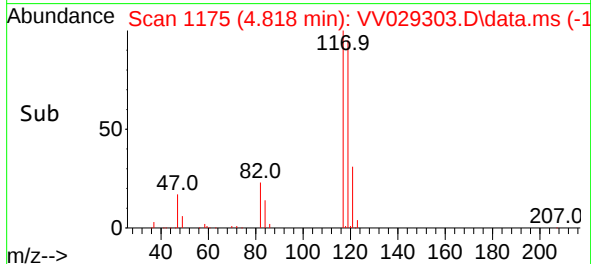
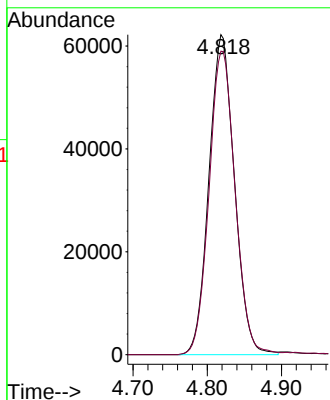
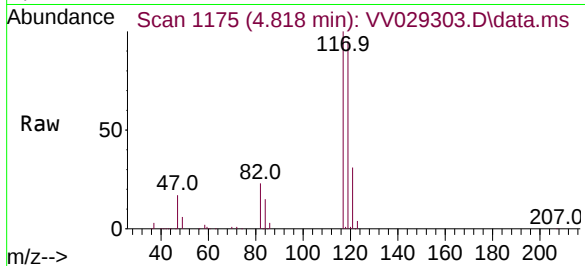




#31
Carbon tetrachloride
Concen: 5.073 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

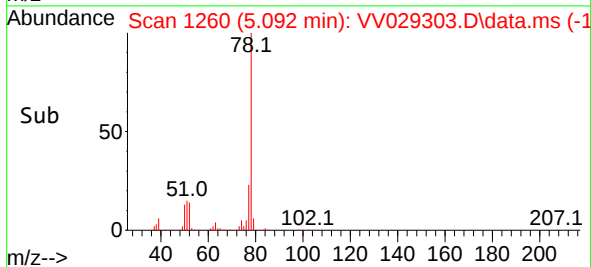
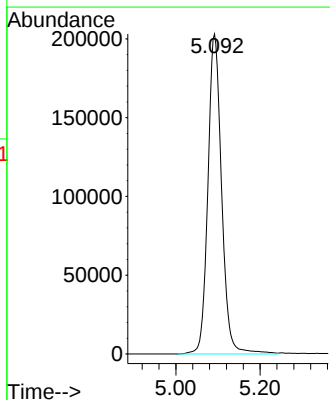
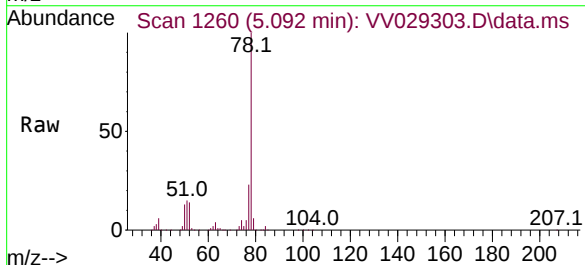
Instrument :
MSVOA_V
ClientSampleId :

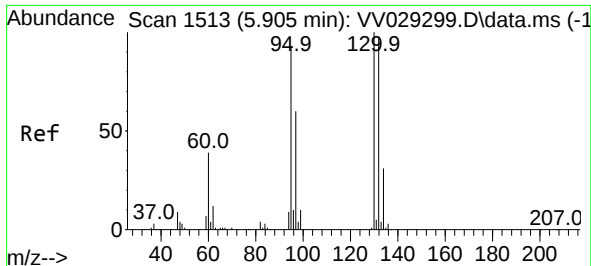
Tgt Ion:117 Resp: 148439
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5



#33
Benzene
Concen: 5.101 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 78 Resp: 458939

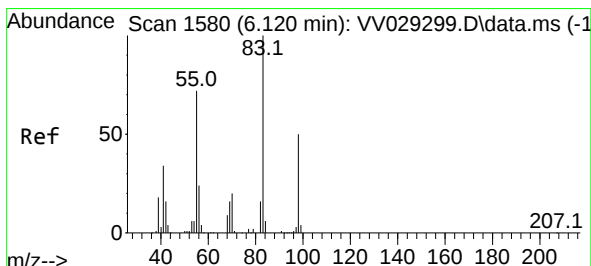
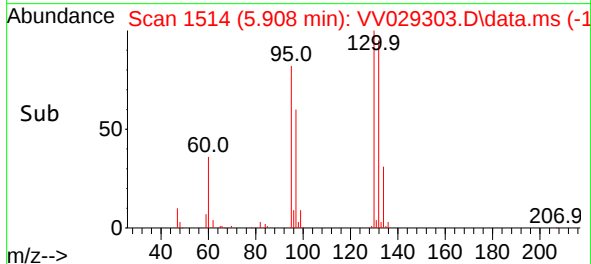
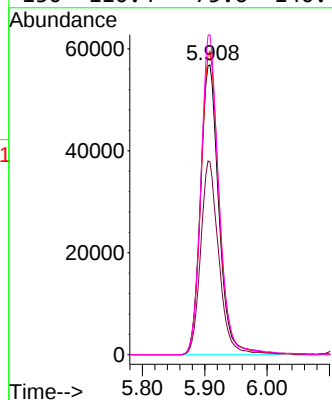
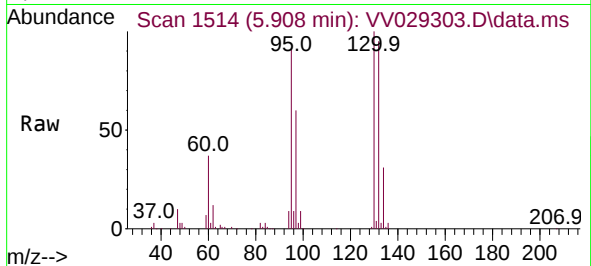




#34
Trichloroethene
Concen: 5.079 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

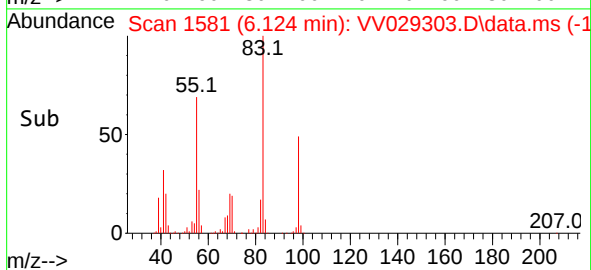
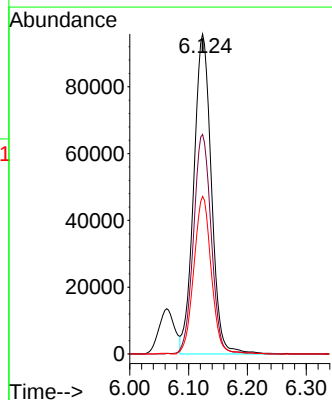
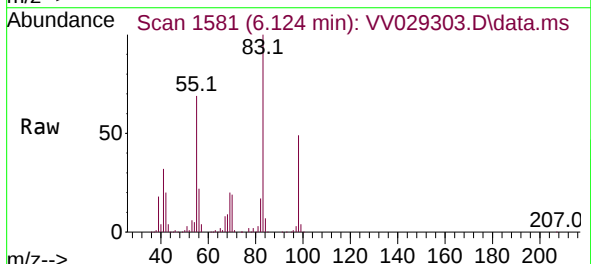
Instrument :
MSVOA_V
ClientSampleId :

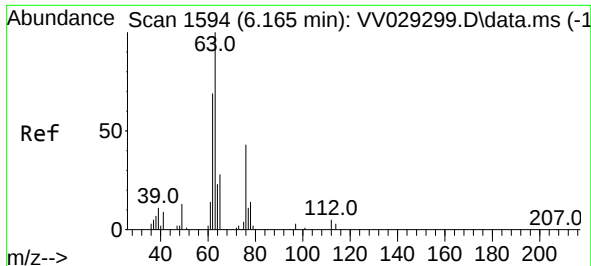
Tgt Ion: 95 Resp: 116569
Ion Ratio Lower Upper
95 100
97 66.5 45.4 84.4
132 104.6 73.3 136.1
130 110.4 75.6 140.4



#35
Methylcyclohexane
Concen: 5.144 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 83 Resp: 199264
Ion Ratio Lower Upper
83 100
55 68.5 55.4 83.2
98 48.6 39.4 59.2





#37

1,2-Dichloropropane

Concen: 5.057 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

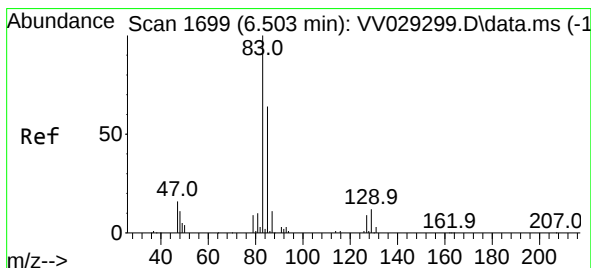
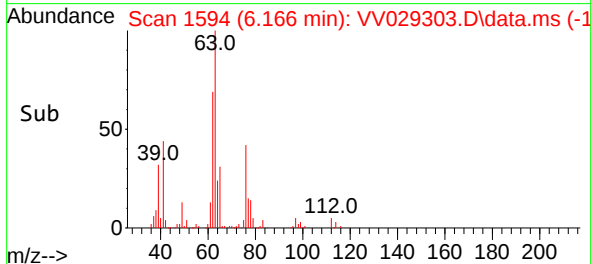
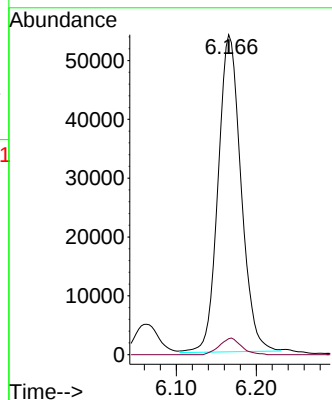
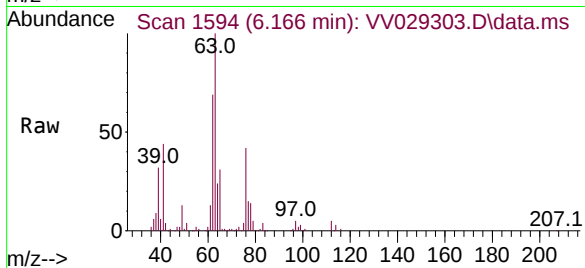
ClientSampleId :

Tgt Ion: 63 Resp: 107179

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 5.171 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

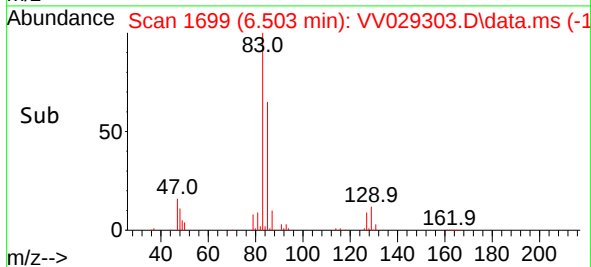
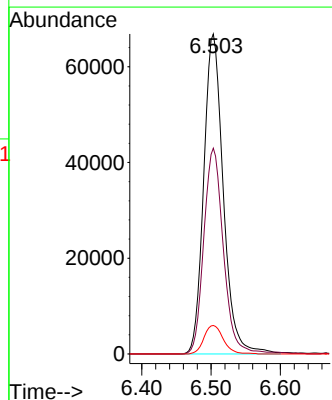
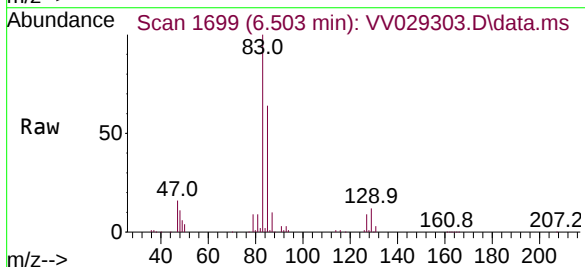
Tgt Ion: 83 Resp: 131196

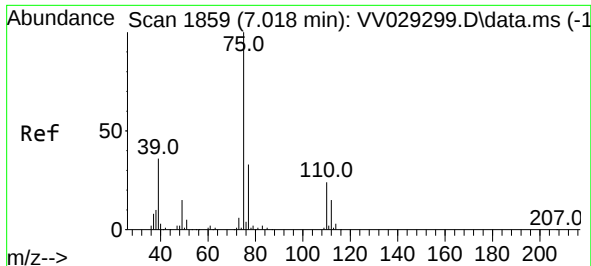
Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

127 8.9 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.217 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

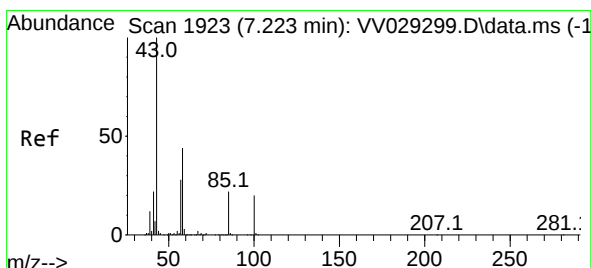
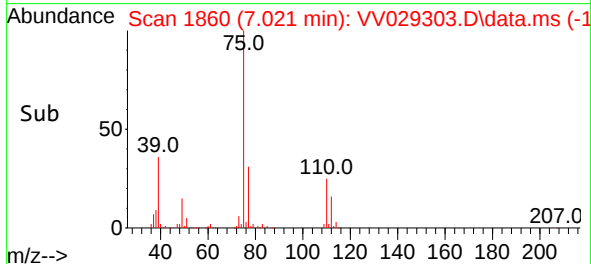
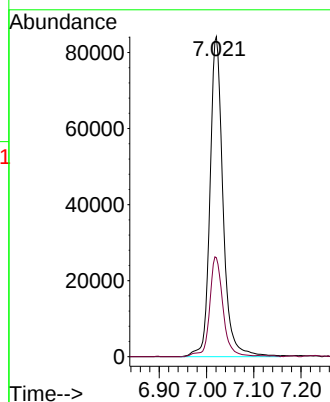
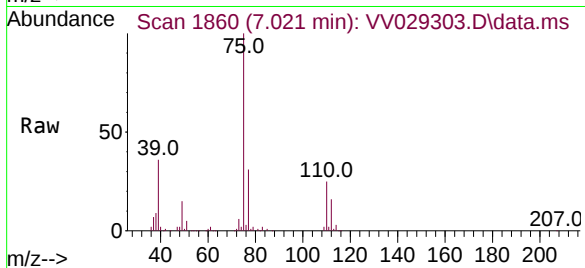
ClientSampleId :

Tgt Ion: 75 Resp: 161602

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 52.953 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

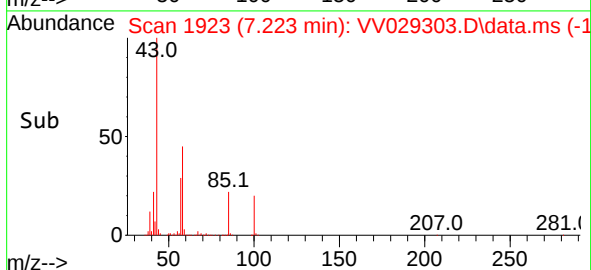
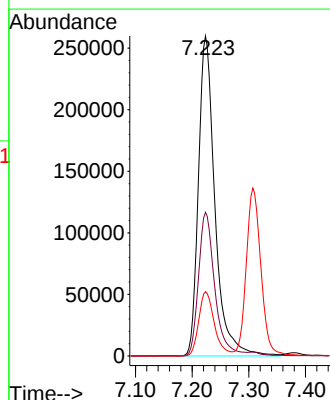
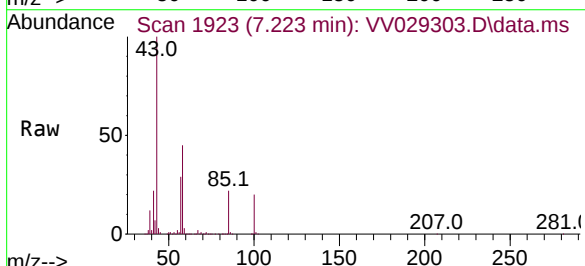
Tgt Ion: 43 Resp: 525122

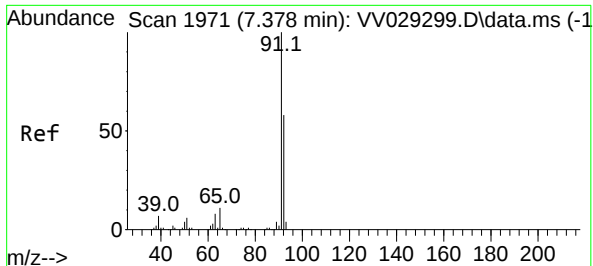
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 19.1 15.3 22.9

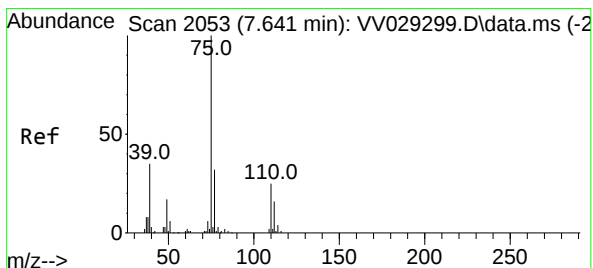
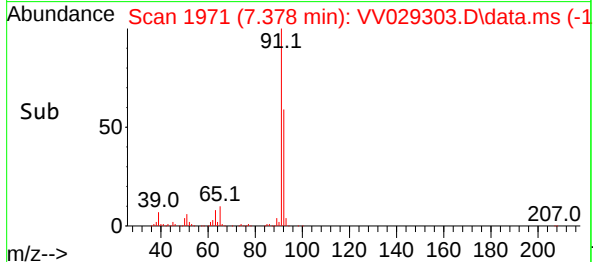
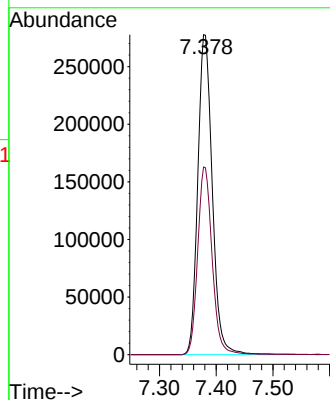
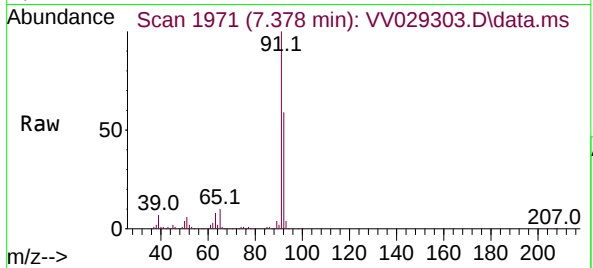




#42
Toluene
Concen: 5.103 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

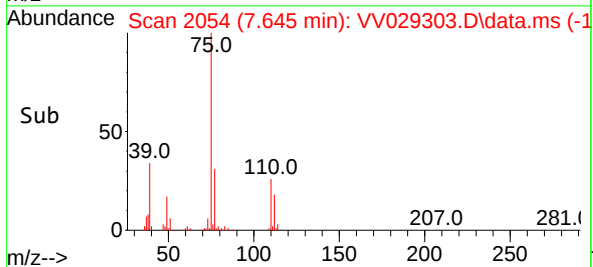
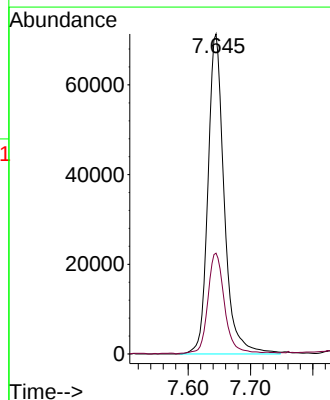
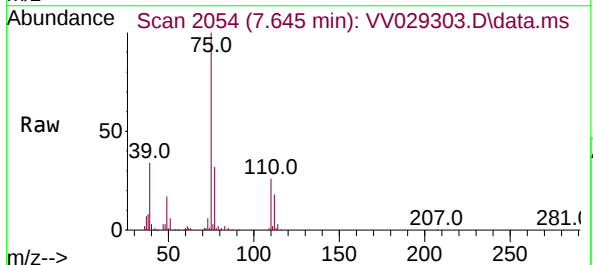
Instrument :
MSVOA_V
ClientSampleId :

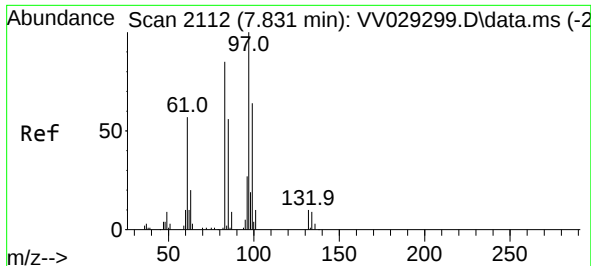
Tgt Ion: 91 Resp: 492660
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.275 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

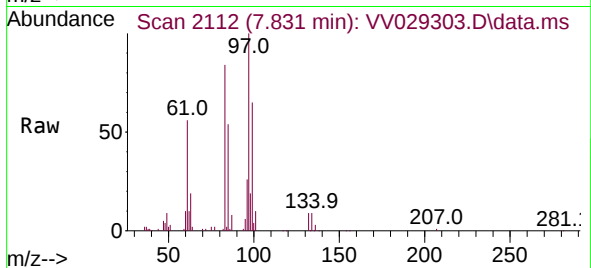
Tgt Ion: 75 Resp: 129437
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6





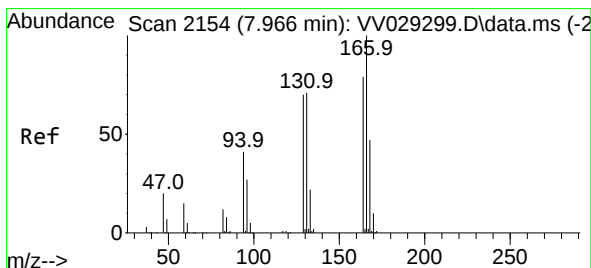
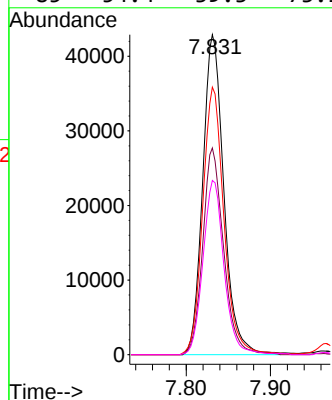
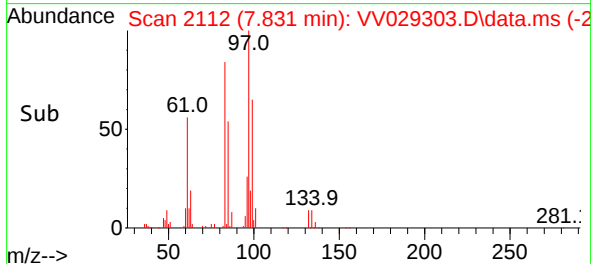
#45
1,1,2-Trichloroethane
Concen: 5.220 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Instrument :
MSVOA_V
ClientSampleId :

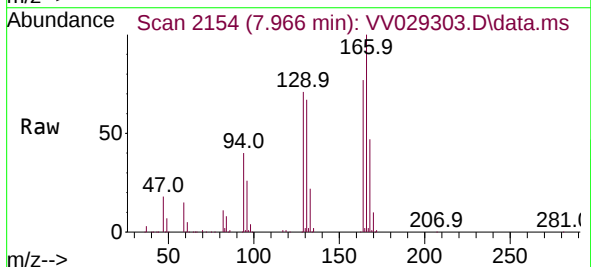


Tgt Ion: 97 Resp: 74900

Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.4	82.5
83	83.6	59.5	110.5
85	54.4	39.3	73.1

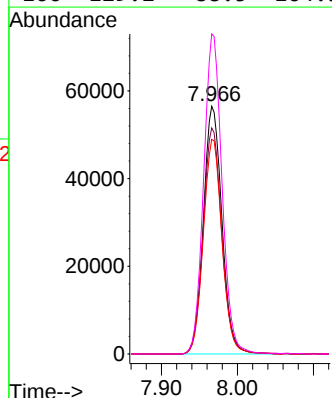
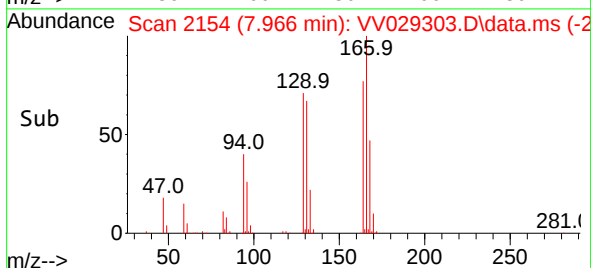


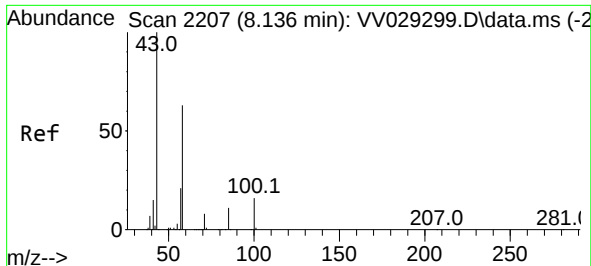
#47
Tetrachloroethene
Concen: 5.099 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38



Tgt Ion: 164 Resp: 95918

Ion	Ratio	Lower	Upper
164	100		
129	91.3	61.7	114.7
131	86.6	62.9	116.9
166	129.2	88.5	164.3

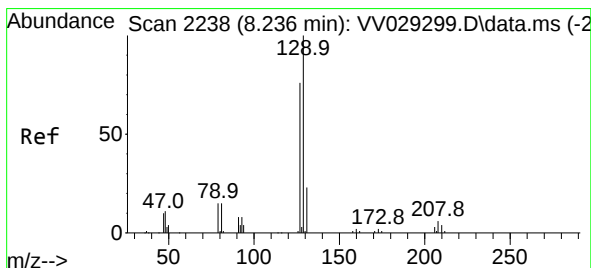
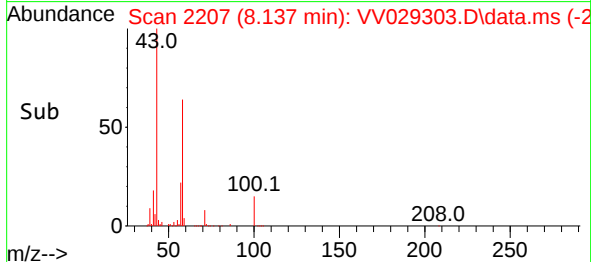
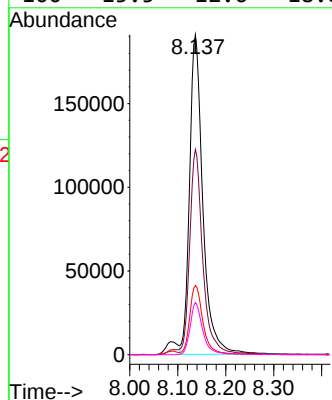
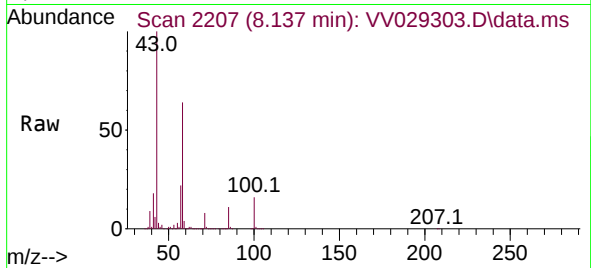




#48
2-Hexanone
Concen: 53.025 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

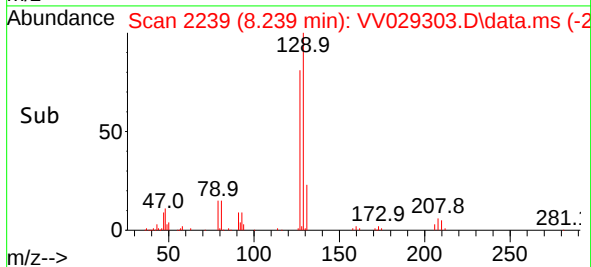
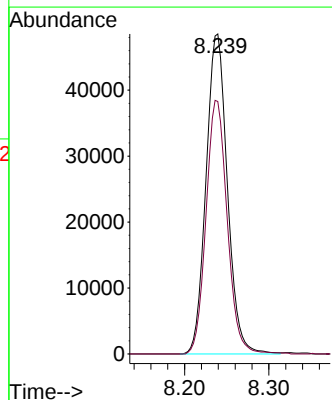
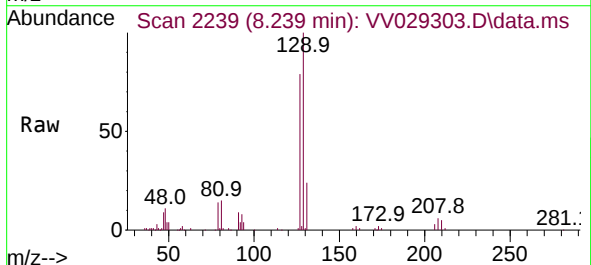
Instrument :
MSVOA_V
ClientSampleId :

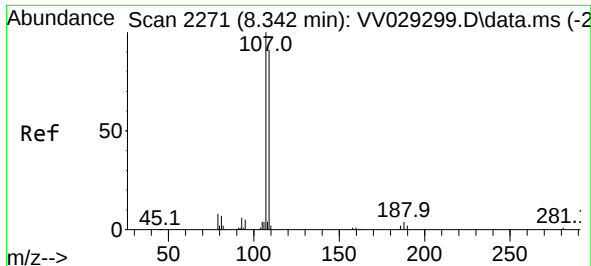
Tgt Ion: 43 Resp: 366577
Ion Ratio Lower Upper
43 100
58 64.7 49.4 74.0
57 21.1 16.9 25.3
100 15.5 12.6 18.8



#49
Dibromochloromethane
Concen: 5.302 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion:129 Resp: 85568
Ion Ratio Lower Upper
129 100
127 78.9 53.1 98.7





#50

1,2-Dibromoethane

Concen: 5.304 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.003 min

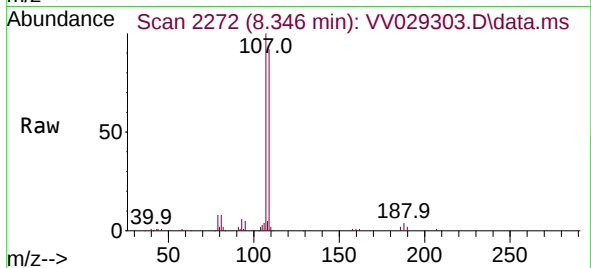
Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :



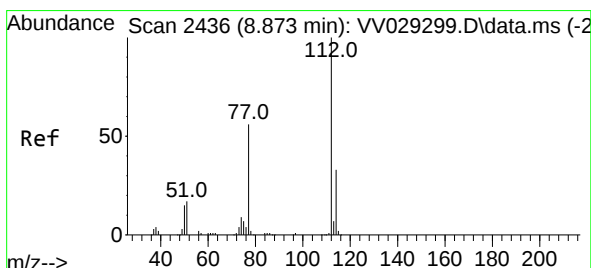
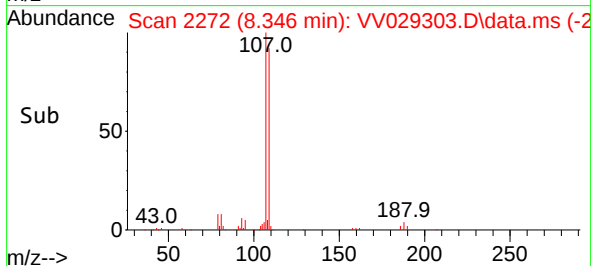
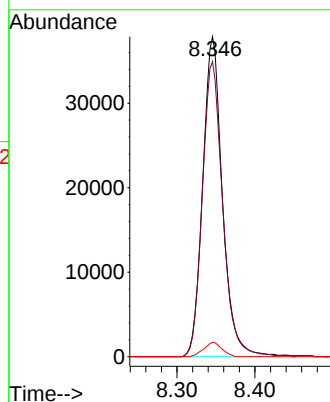
Tgt Ion:107 Resp: 66405

Ion Ratio Lower Upper

107 100

109 92.2 64.0 118.8

188 4.5 3.0 4.4#



#51

Chlorobenzene

Concen: 5.256 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

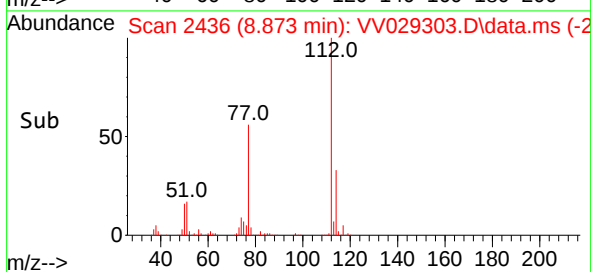
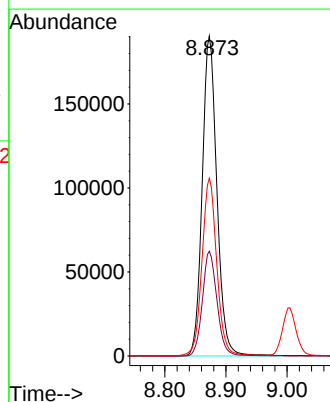
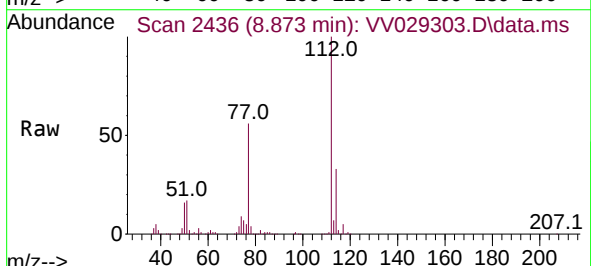
Tgt Ion:112 Resp: 317191

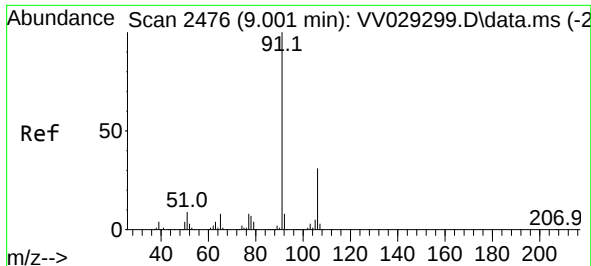
Ion Ratio Lower Upper

112 100

114 32.7 22.9 42.5

77 55.6 45.3 67.9





#52

Ethylbenzene

Concen: 5.336 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

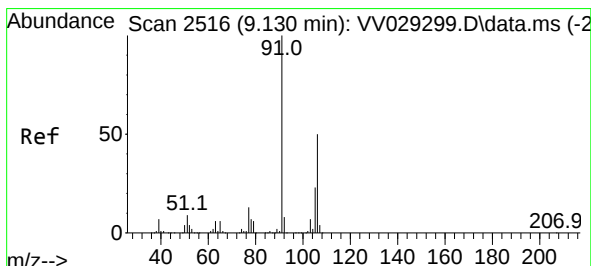
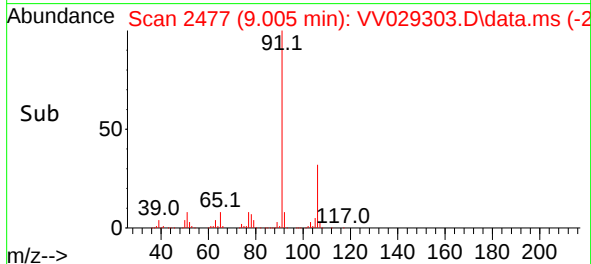
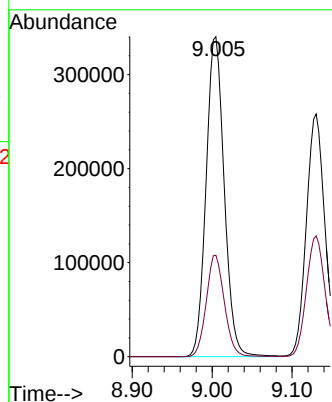
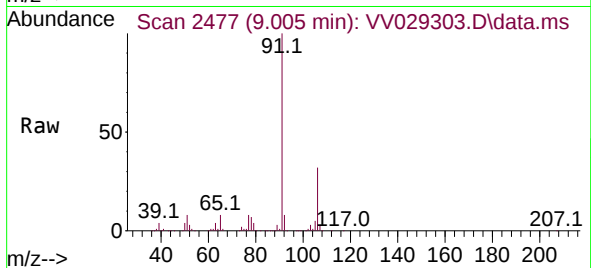
ClientSampleId :

Tgt Ion: 91 Resp: 537173

Ion Ratio Lower Upper

91 100

106 31.7 21.9 40.7



#53

m,p-Xylene

Concen: 5.263 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029303.D

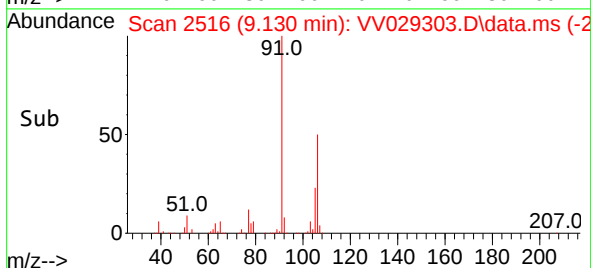
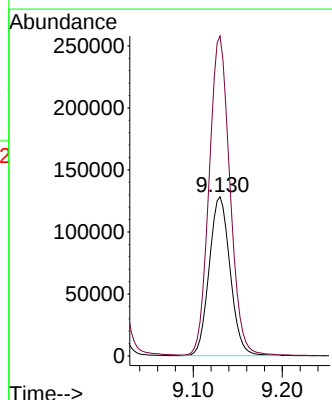
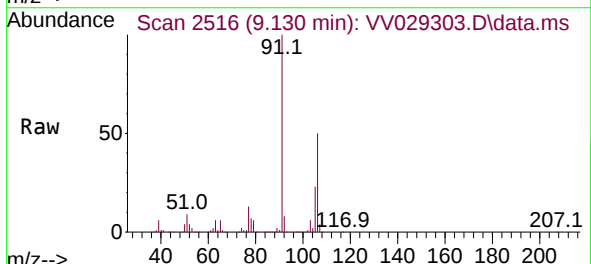
Acq: 23 Nov 2022 18:38

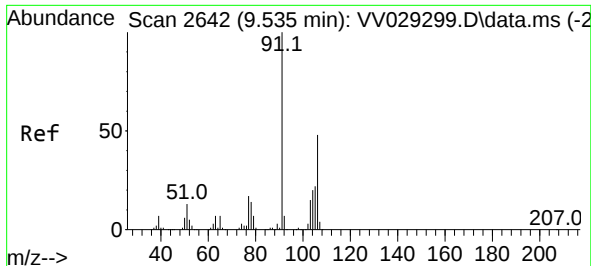
Tgt Ion: 106 Resp: 208981

Ion Ratio Lower Upper

106 100

91 201.0 140.6 261.2

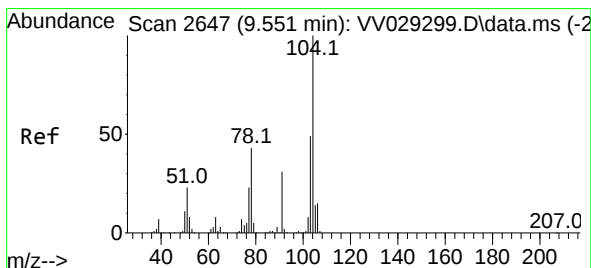
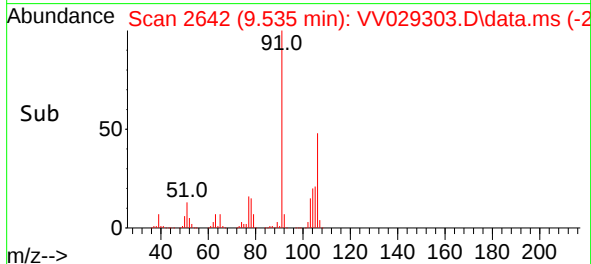
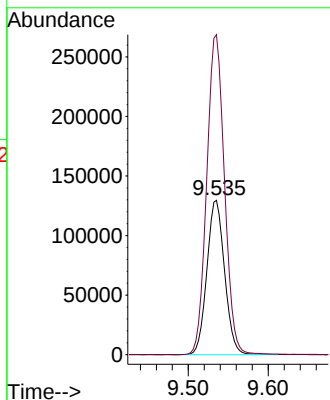
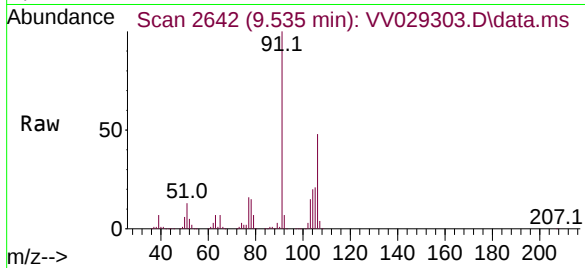




#54
o-Xylene
Concen: 5.119 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

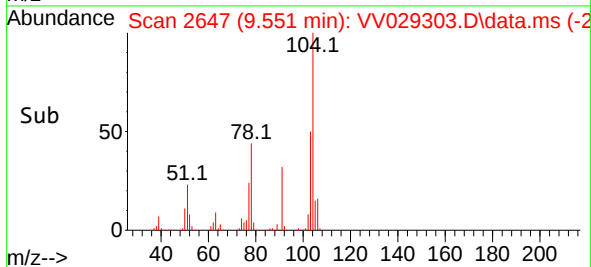
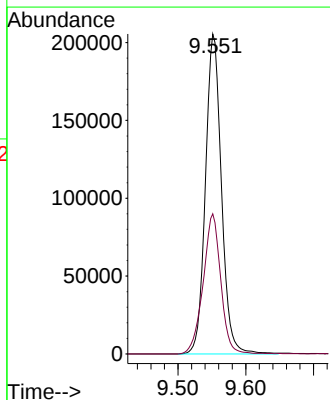
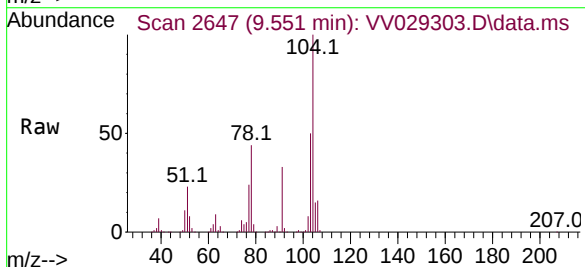
Instrument :
MSVOA_V
ClientSampleId :

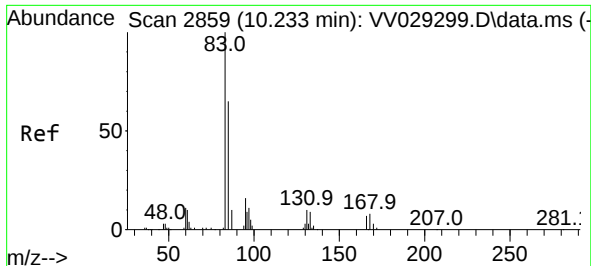
Tgt Ion:106 Resp: 199658
Ion Ratio Lower Upper
106 100
91 207.3 146.9 272.9



#55
Styrene
Concen: 5.122 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion:104 Resp: 337187
Ion Ratio Lower Upper
104 100
78 43.8 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.057 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

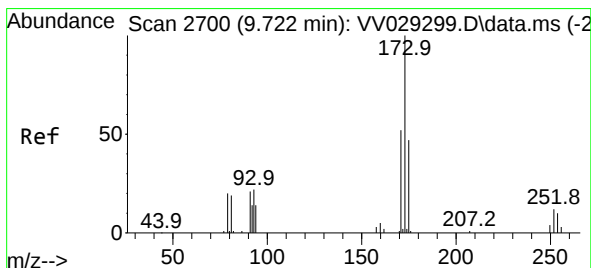
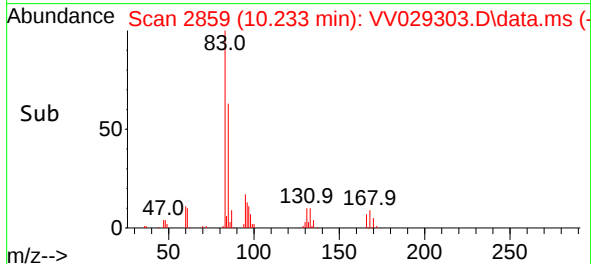
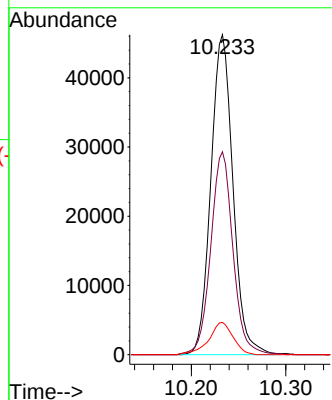
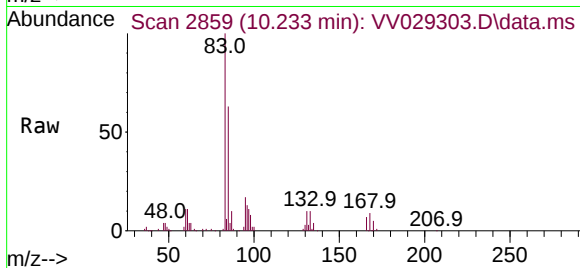
Tgt Ion: 83 Resp: 75083

Ion Ratio Lower Upper

83 100

85 63.4 45.5 84.5

131 10.1 8.2 12.2



#59

Bromoform

Concen: 5.384 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

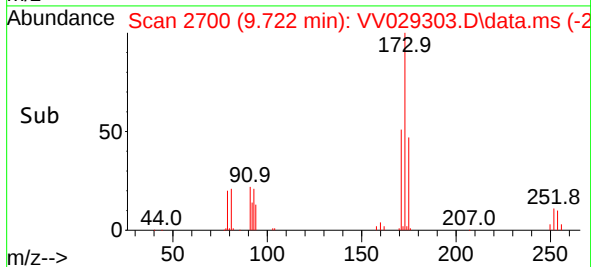
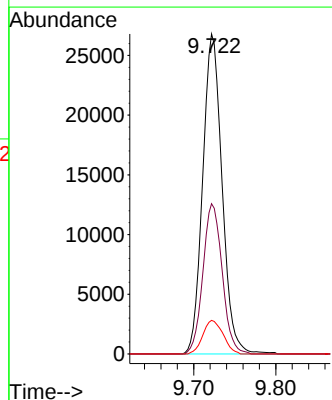
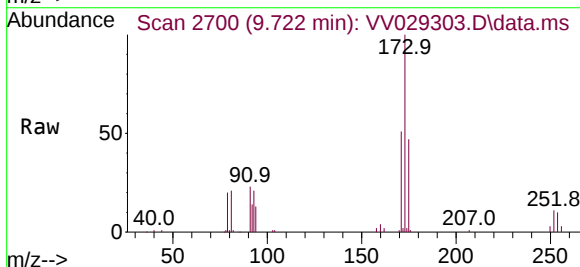
Tgt Ion: 173 Resp: 44024

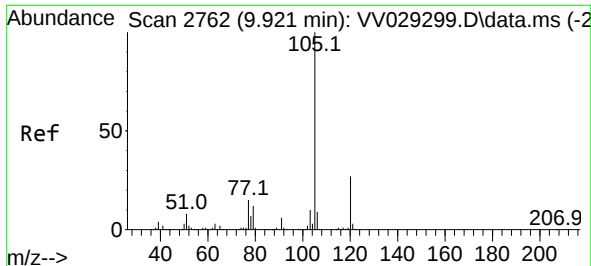
Ion Ratio Lower Upper

173 100

175 46.6 38.6 58.0

254 11.0 8.3 12.5

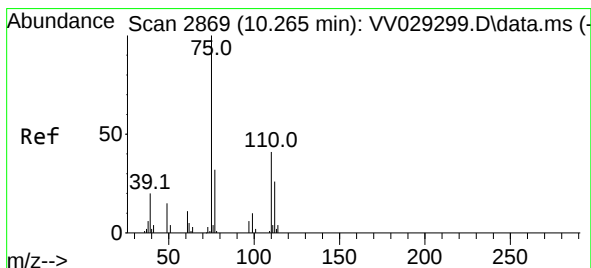
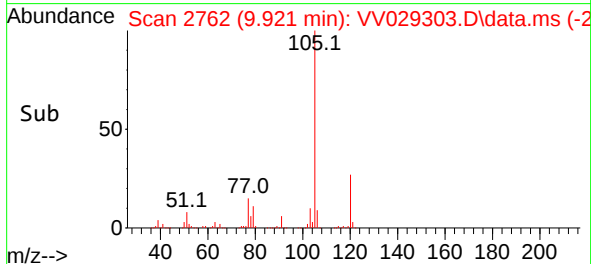
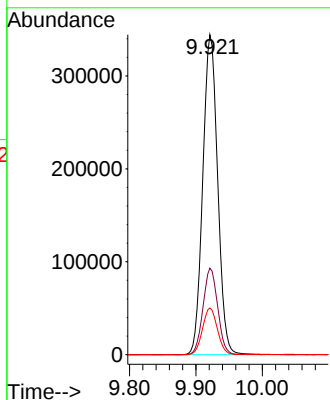
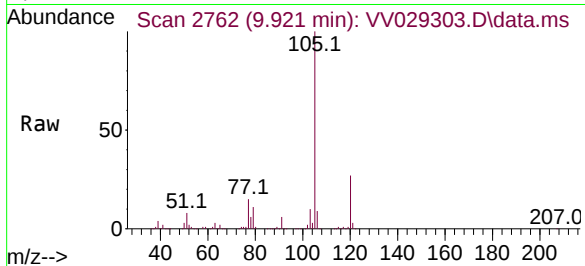




#60
Isopropylbenzene
Concen: 5.326 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

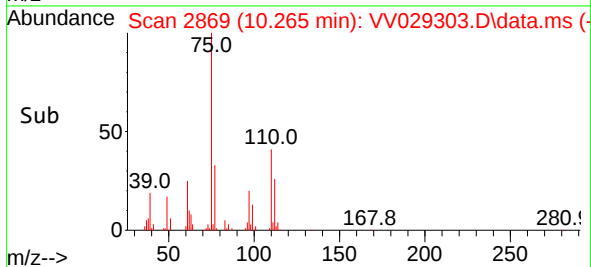
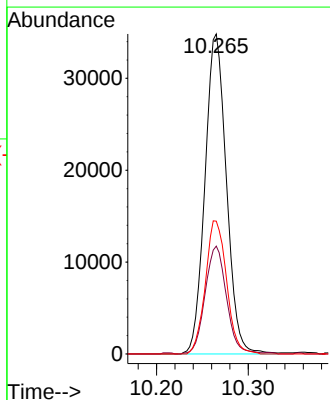
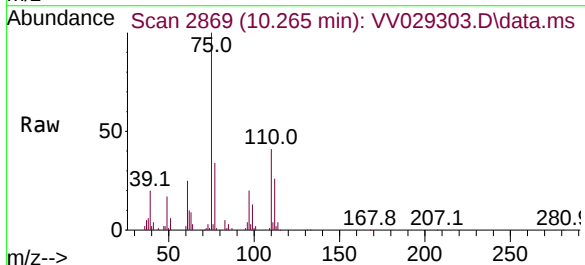
Instrument :
MSVOA_V
ClientSampleId :

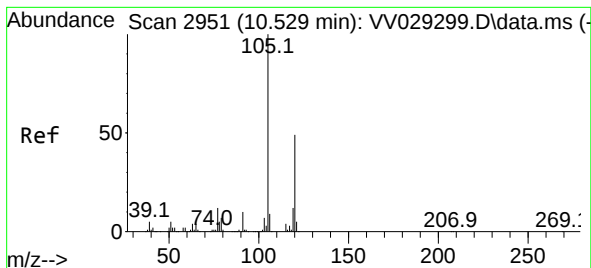
Tgt Ion:105 Resp: 535951
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.237 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion: 75 Resp: 56532
Ion Ratio Lower Upper
75 100
77 33.6 26.7 40.1
110 41.0 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 5.257 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

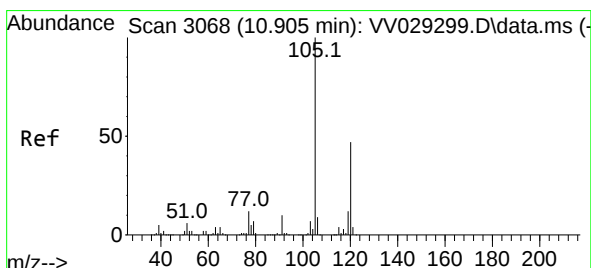
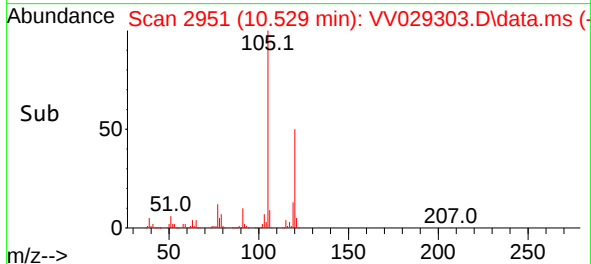
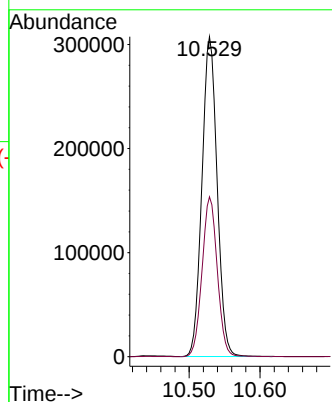
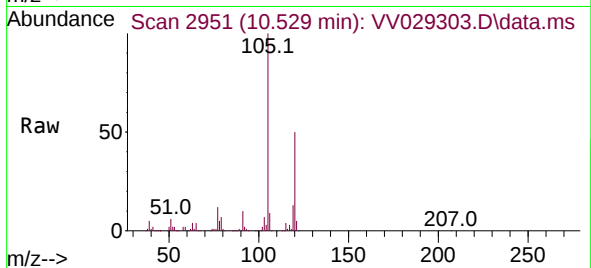
ClientSampleId :

Tgt Ion:105 Resp: 457972

Ion Ratio Lower Upper

105 100

120 50.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.285 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029303.D

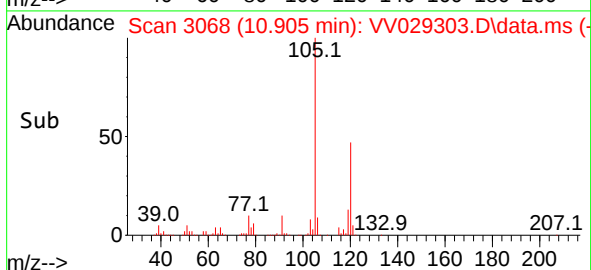
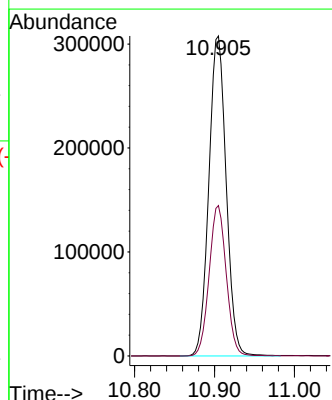
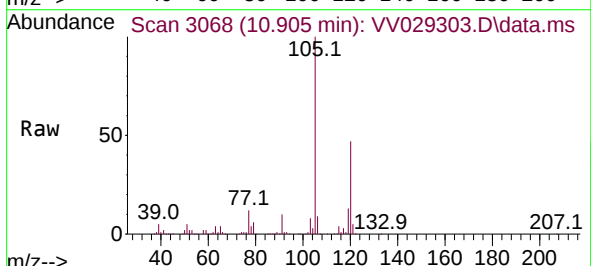
Acq: 23 Nov 2022 18:38

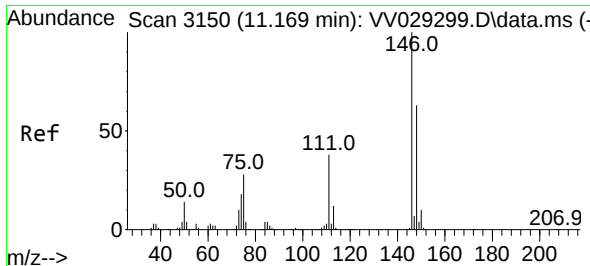
Tgt Ion:105 Resp: 463157

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8

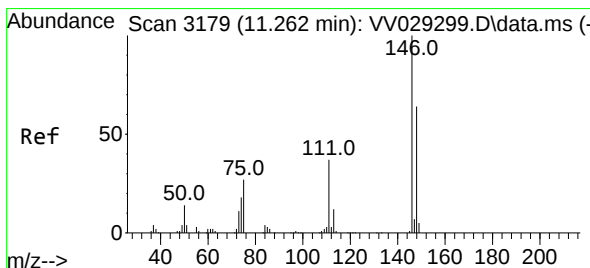
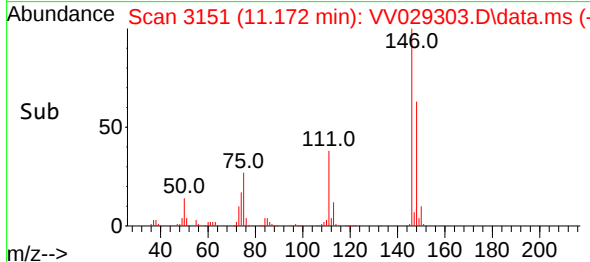
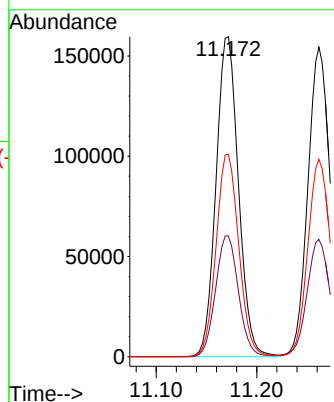
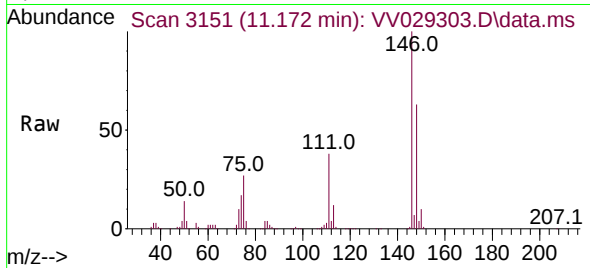




#64
1,3-Dichlorobenzene
Concen: 5.272 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

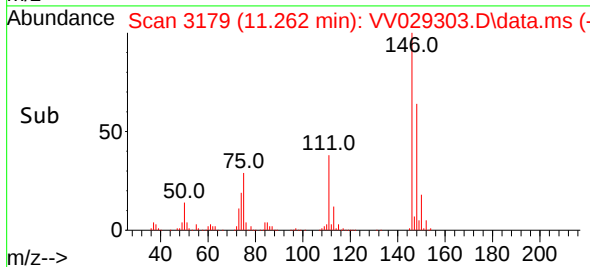
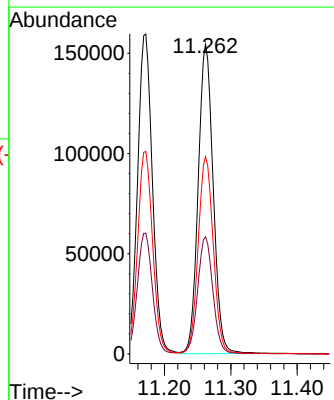
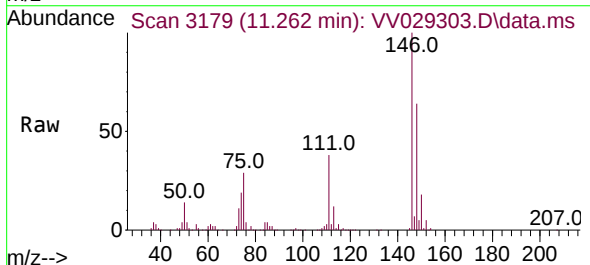
Instrument :
MSVOA_V
ClientSampleId :

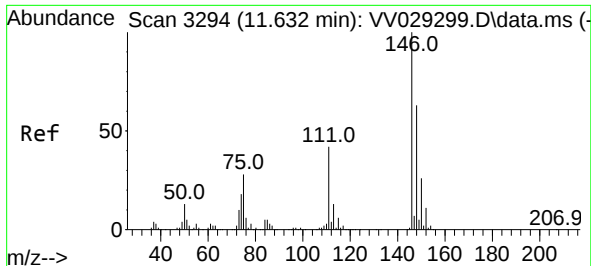
Tgt Ion:146 Resp: 247493
Ion Ratio Lower Upper
146 100
111 37.8 26.3 48.9
148 63.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.220 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029303.D
Acq: 23 Nov 2022 18:38

Tgt Ion:146 Resp: 242406
Ion Ratio Lower Upper
146 100
111 37.9 26.0 48.4
148 63.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.298 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

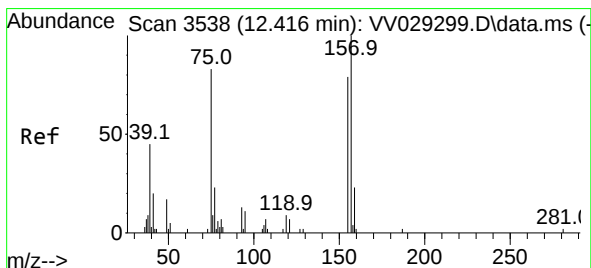
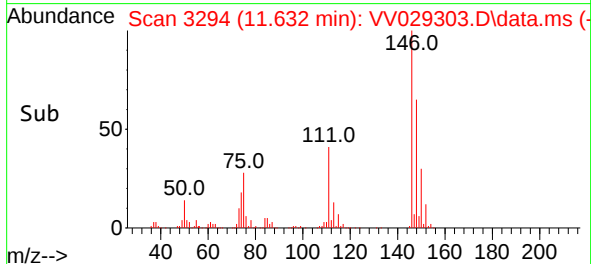
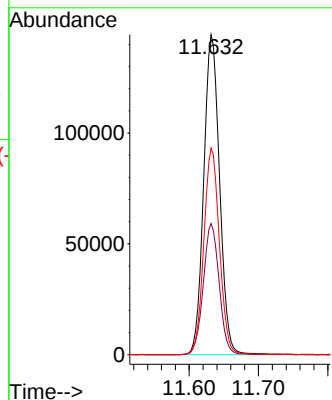
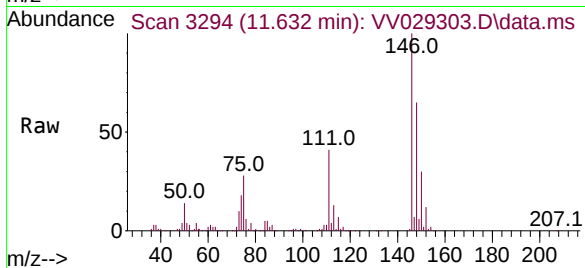
Tgt Ion:146 Resp: 229154

Ion Ratio Lower Upper

146 100

111 40.9 33.5 50.3

148 64.6 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.430 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

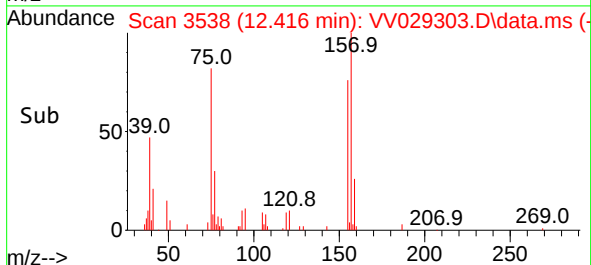
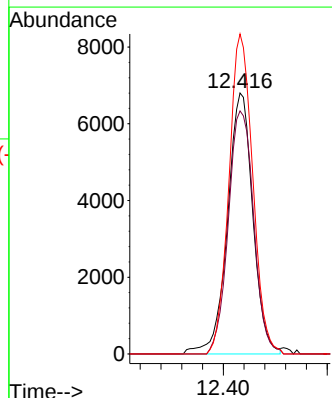
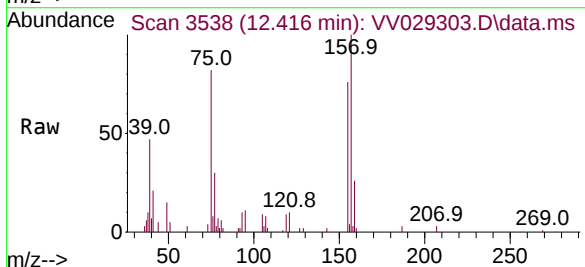
Tgt Ion: 75 Resp: 11511

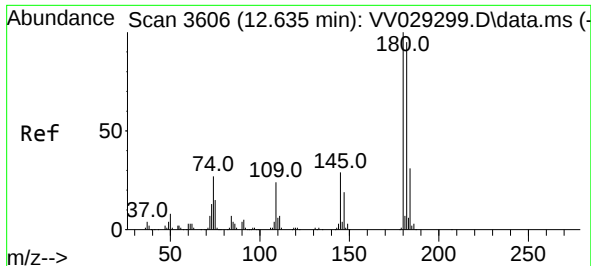
Ion Ratio Lower Upper

75 100

155 93.1 76.6 115.0

157 122.6 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 5.250 ug/L

RT: 12.632 min Scan# 3606

Delta R.T. -0.003 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 203059

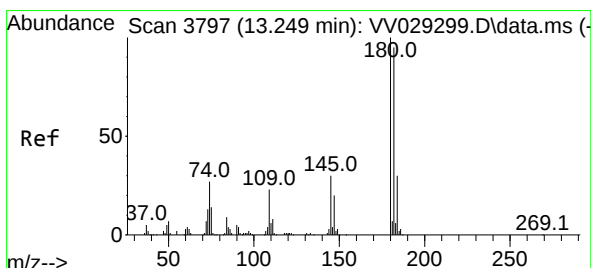
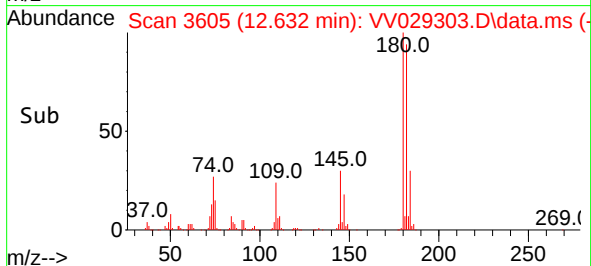
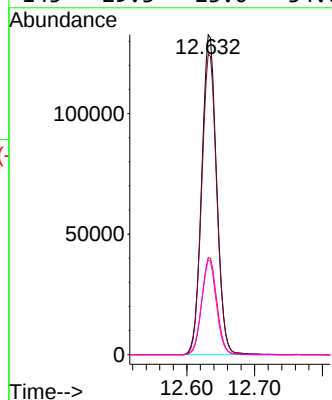
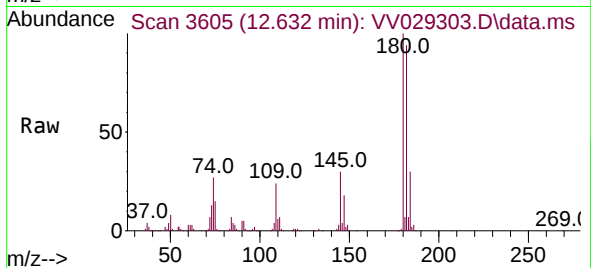
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.6

184 30.5 24.4 36.6

145 29.3 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 5.337 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

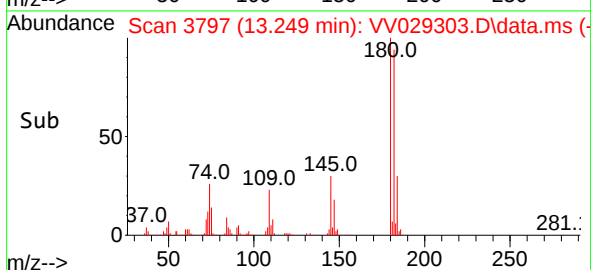
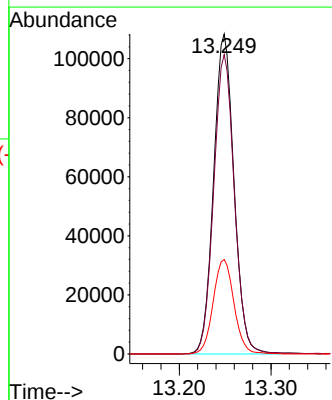
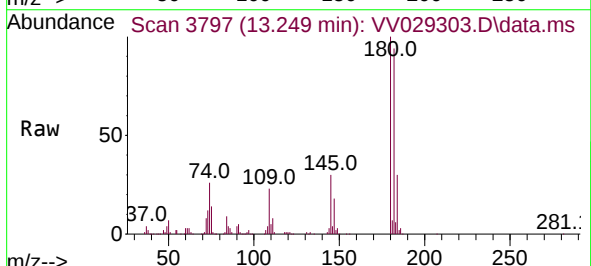
Tgt Ion:180 Resp: 167267

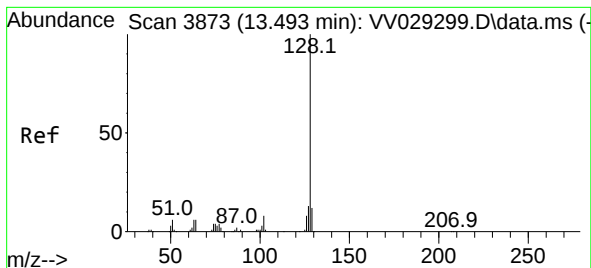
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 30.1 23.4 35.0





#71

Naphthalene

Concen: 6.619 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

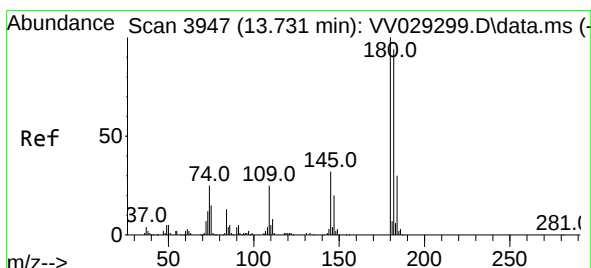
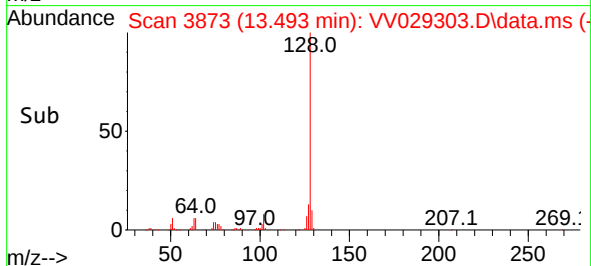
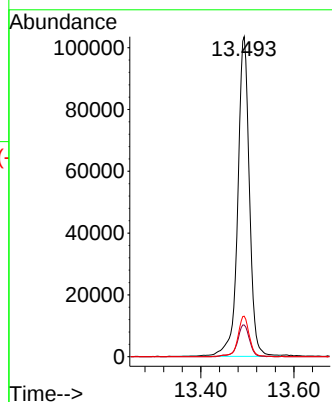
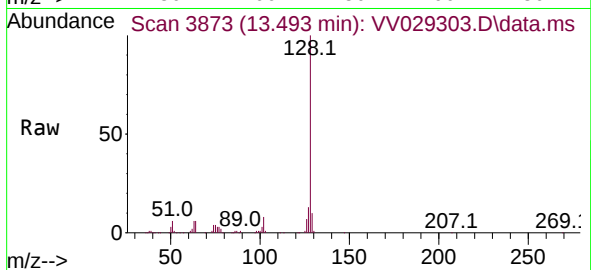
Tgt Ion:128 Resp: 179569

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 12.6 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.456 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029303.D

Acq: 23 Nov 2022 18:38

Tgt Ion:180 Resp: 139203

Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.4

145 31.1 25.2 37.8

