

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029301.D
 Acq On : 23 Nov 2022 17:48
 Operator : SY/MD
 Sample : VSTD02014
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	288030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	392529	22.145	ug/L	0.00
7) Chloroethane-d5	1.564	69	282894	21.802	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	626352	22.082	ug/L	0.00
20) 2-Butanone-d5	3.889	46	669646	226.314	ug/L	-0.01
24) Chloroform-d	4.339	84	680790	21.518	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	303609	21.810	ug/L	0.00
32) Benzene-d6	5.040	84	1474441	21.995	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	410847	21.811	ug/L	0.00
41) Toluene-d8	7.307	98	1392946	22.015	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	167351	23.043	ug/L	0.00
46) 2-Hexanone-d5	8.082	63	554779	214.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	243002	20.906	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	488770	21.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	439945	20.471	ug/L	100
3) Chloromethane	1.240	50	384974	19.551	ug/L	100
5) Vinyl chloride	1.307	62	419458	21.378	ug/L	99
6) Bromomethane	1.519	94	259508	21.195	ug/L	99
8) Chloroethane	1.584	64	246601	21.146	ug/L	98
9) Trichlorofluoromethane	1.751	101	585912	21.333	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	325877	21.280	ug/L	99
12) 1,1-Dichloroethene	2.114	96	316555	21.374	ug/L	99
13) Acetone	2.188	43	382310	177.409	ug/L	98
14) Carbon disulfide	2.288	76	932998	21.681	ug/L	100
15) Methyl Acetate	2.432	43	107871	17.242	ug/L	92
16) Methylene chloride	2.500	84	366843	16.211	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	795917	21.019	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	370366	21.789	ug/L	99
19) 1,1-Dichloroethane	3.182	63	650236	21.255	ug/L	98
21) 2-Butanone	3.973	43	731848	216.334	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	404424	20.801	ug/L	98
23) Bromochloromethane	4.239	128	168028	21.576	ug/L	97
25) Chloroform	4.365	83	664975	20.818	ug/L	100
27) 1,2-Dichloroethane	5.120	62	361923	20.913	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	598183	21.441	ug/L	99
30) Cyclohexane	4.667	56	592571	21.489	ug/L	100
31) Carbon tetrachloride	4.818	117	512651	21.728	ug/L	98
33) Benzene	5.092	78	1507662	20.782	ug/L	100
34) Trichloroethene	5.905	95	395117	21.350	ug/L	98
35) Methylcyclohexane	6.124	83	673863	21.571	ug/L	99
37) 1,2-Dichloropropane	6.165	63	361628	21.161	ug/L	99
38) Bromodichloromethane	6.500	83	446314	21.816	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	545510	21.837	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1668459	208.642	ug/L	98
42) Toluene	7.378	91	1626534	20.891	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	432350	21.849	ug/L	99

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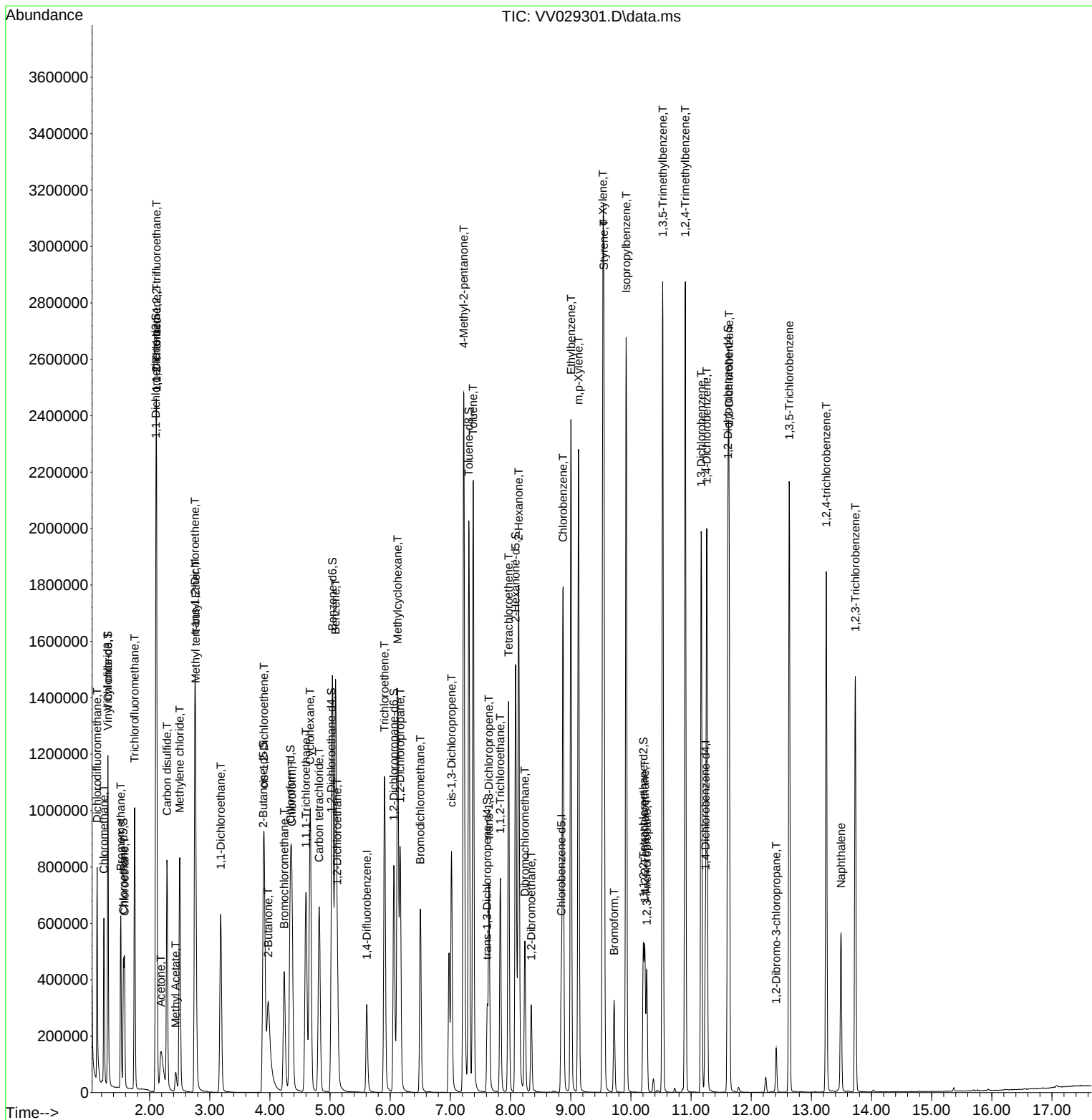
Instrument :
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 ClientSampleId :

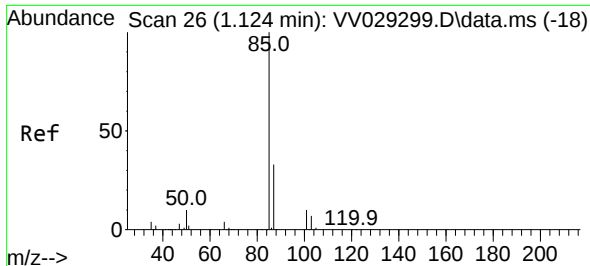
Quant Time: Nov 24 01:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	244315	21.116	ug/L	98
47) Tetrachloroethene	7.966	164	320515	21.128	ug/L	98
48) 2-Hexanone	8.133	43	1111909	198.238	ug/L	98
49) Dibromochloromethane	8.236	129	280041	21.517	ug/L	100
50) 1,2-Dibromoethane	8.342	107	206879	20.492	ug/L	97
51) Chlorobenzene	8.873	112	1002752	20.605	ug/L	98
52) Ethylbenzene	9.005	91	1691385	20.836	ug/L	99
53) m,p-Xylene	9.130	106	669137	20.898	ug/L	97
54) o-Xylene	9.535	106	659751	20.976	ug/L	98
55) Styrene	9.551	104	1124386	21.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	239503	20.006	ug/L	98
59) Bromoform	9.722	173	150550	21.898	ug/L	99
60) Isopropylbenzene	9.921	105	1745679	20.632	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	177401	19.546	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	1537370	20.985	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1548277	21.011	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	834483	21.141	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	816218	20.901	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	757935	20.841	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	37676	21.137	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	699762	21.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	566608	21.501	ug/L	100
71) Naphthalene	13.493	128	462493	20.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	462260	21.548	ug/L	99

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

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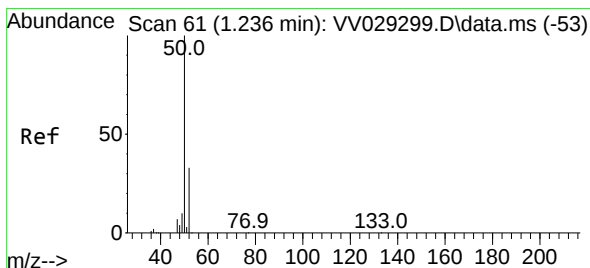
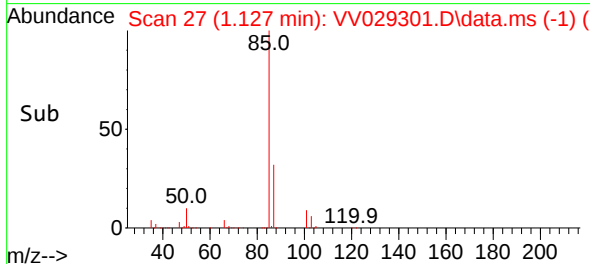
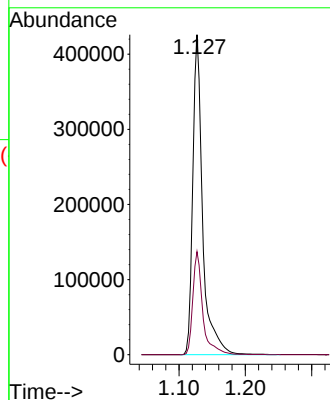
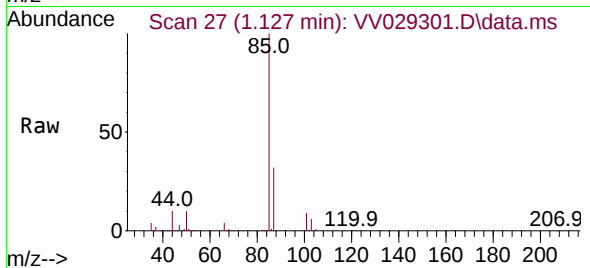




#2
 Dichlorodifluoromethane
 Concen: 20.471 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

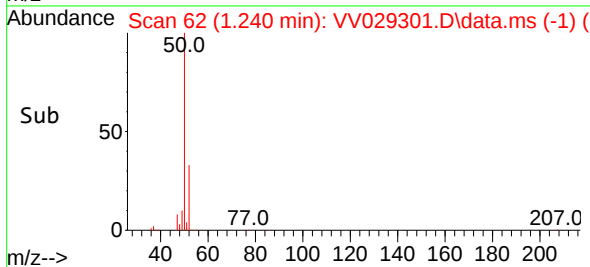
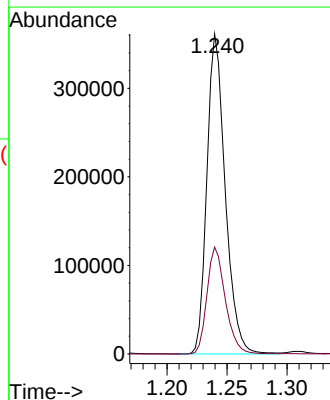
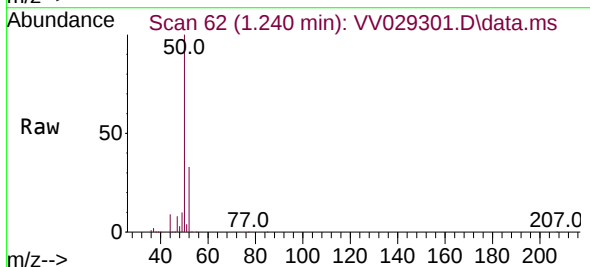
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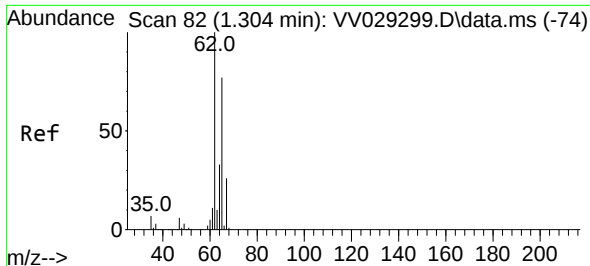
Tgt Ion: 85 Resp: 439945
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 19.551 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

Tgt Ion: 50 Resp: 384974
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

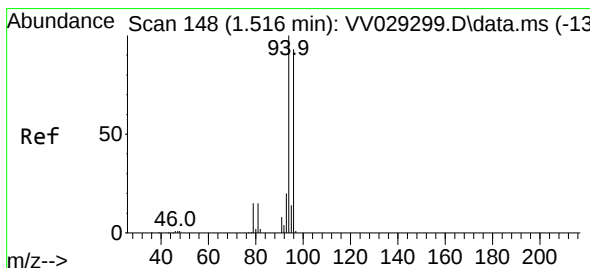
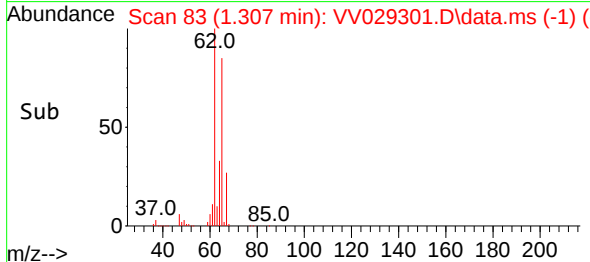
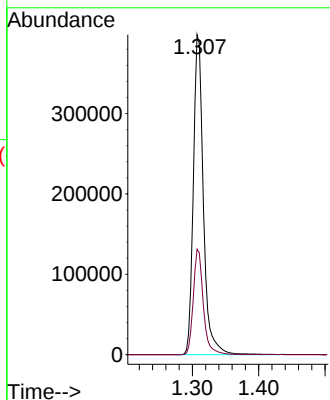
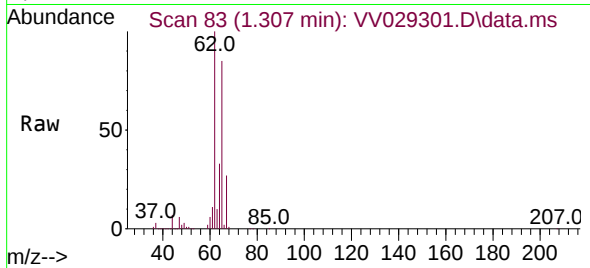




#5
 Vinyl chloride
 Concen: 21.378 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

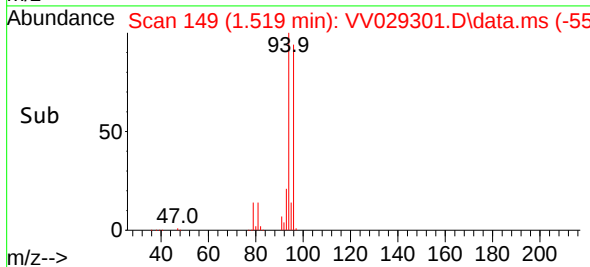
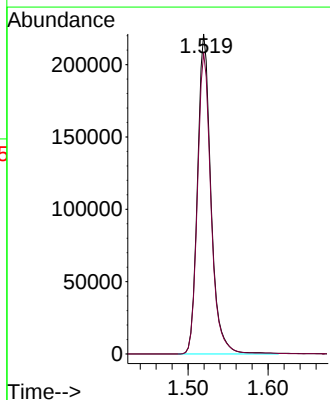
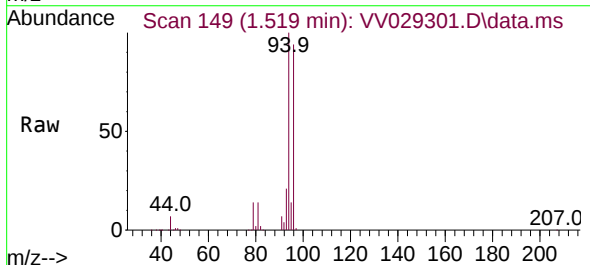
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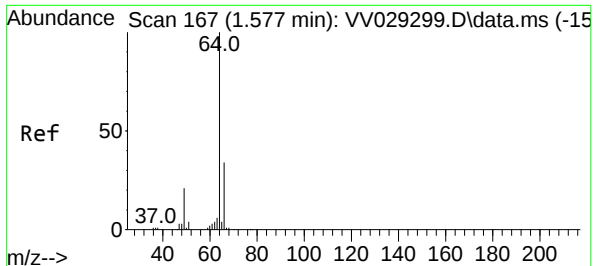
Tgt Ion: 62 Resp: 419458
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 21.195 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

Tgt Ion: 94 Resp: 259508
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.4 121.4

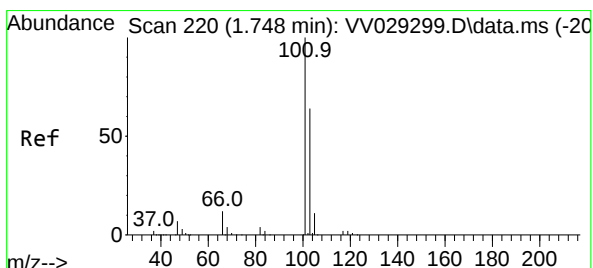
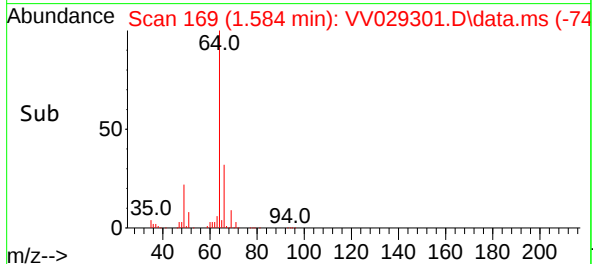
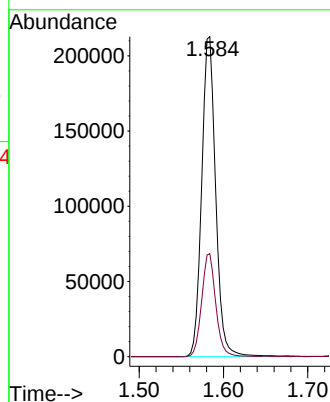
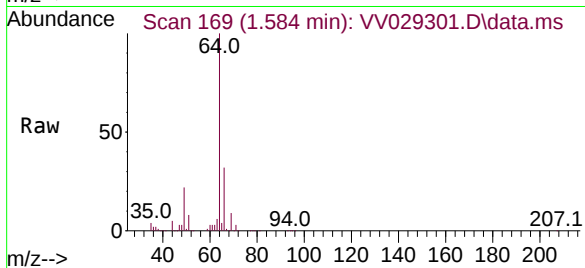




#8
Chloroethane
Concen: 21.146 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

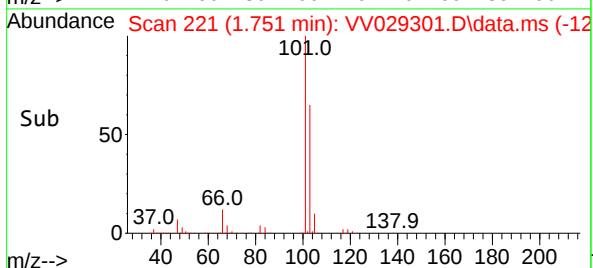
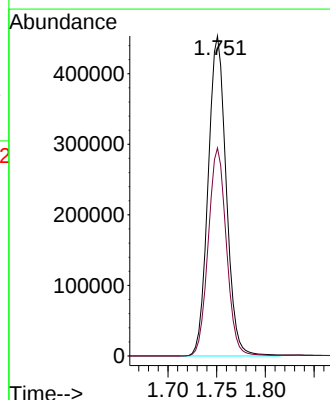
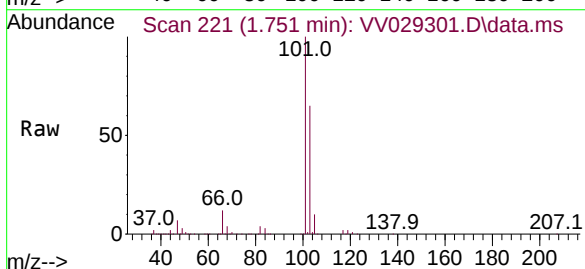
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ClientSampleId :

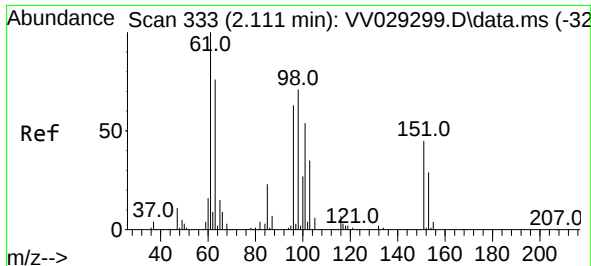
Tgt Ion: 64 Resp: 246601
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 21.333 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion:101 Resp: 585912
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

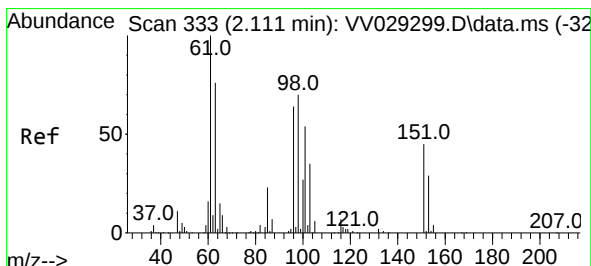
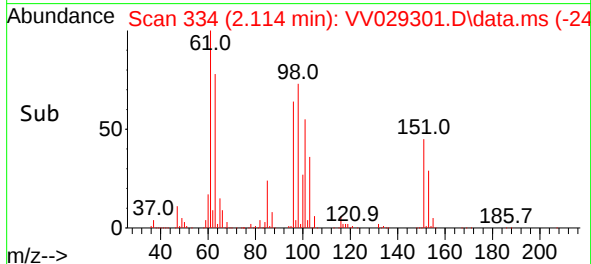
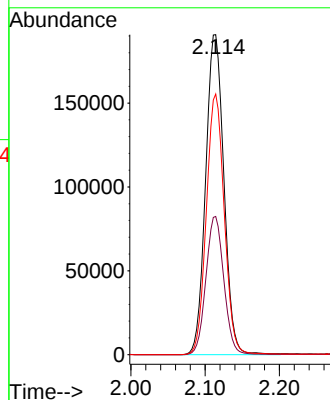
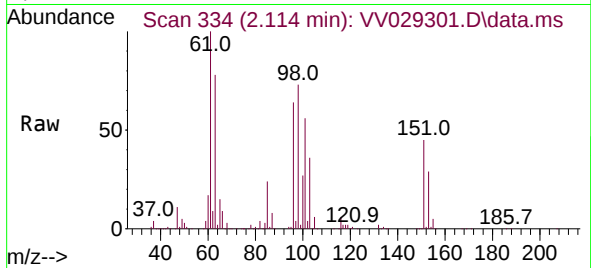




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.280 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

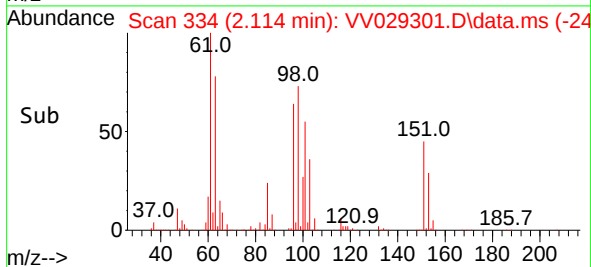
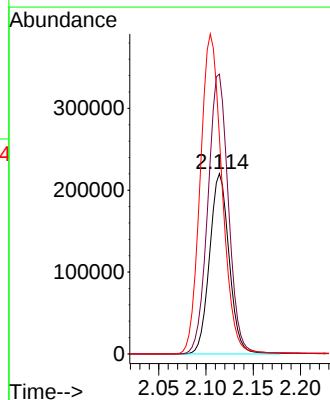
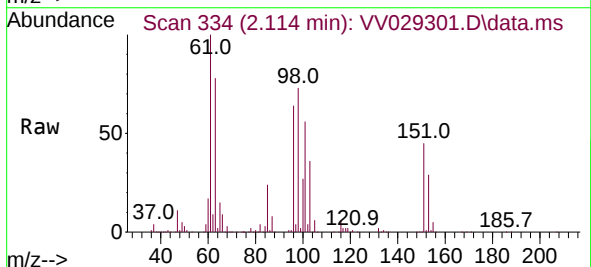
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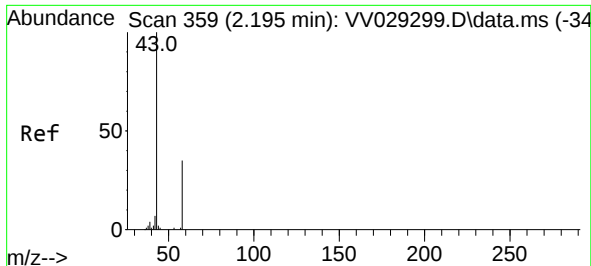
Tgt Ion:101 Resp: 325877
Ion Ratio Lower Upper
101 100
85 42.4 33.6 50.4
151 80.0 65.3 97.9



#12
1,1-Dichloroethene
Concen: 21.374 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 96 Resp: 316555
Ion Ratio Lower Upper
96 100
61 155.1 110.3 204.9
63 120.4 84.4 156.8





#13

Acetone

Concen: 177.409 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

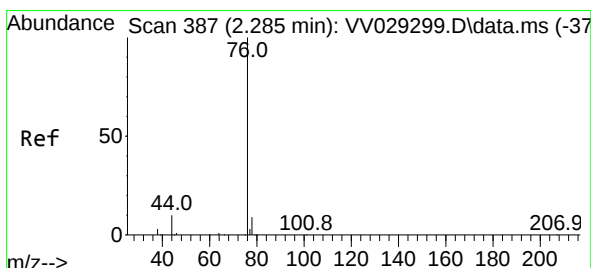
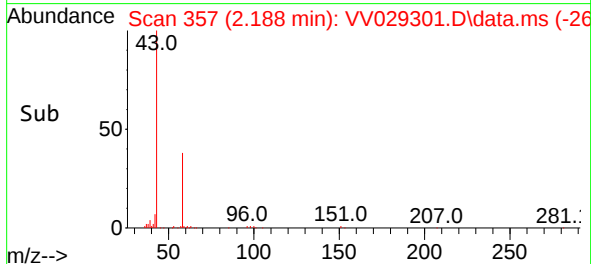
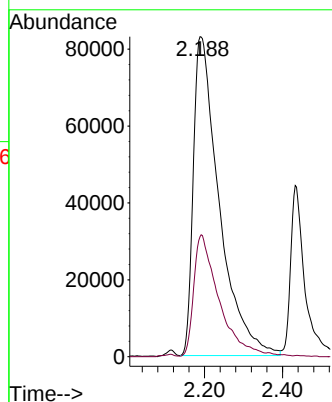
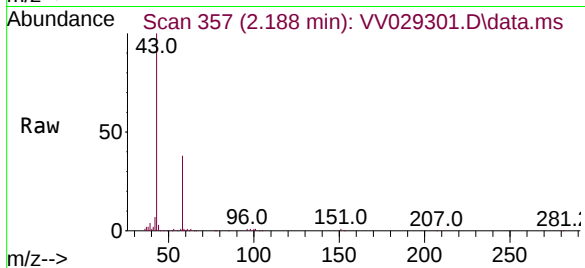
ClientSampleId :

Tgt Ion: 43 Resp: 382310

Ion Ratio Lower Upper

43 100

58 36.5 0.0 70.8



#14

Carbon disulfide

Concen: 21.681 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029301.D

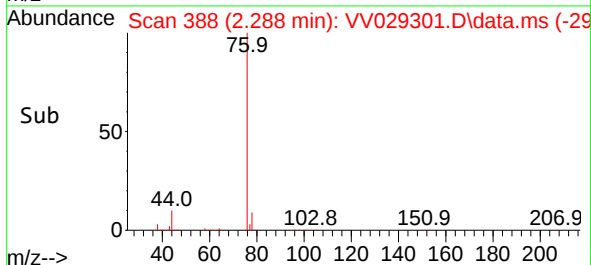
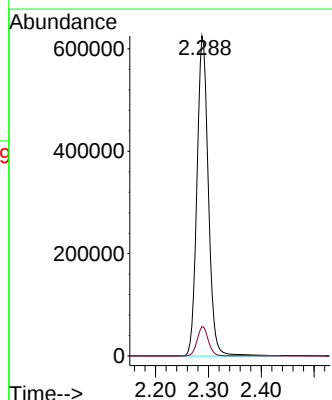
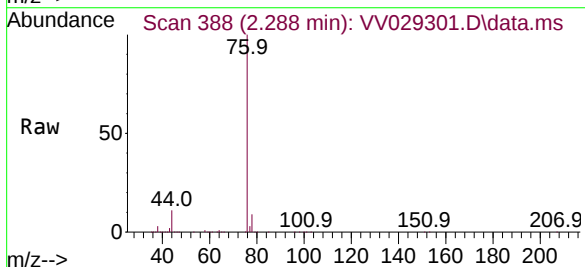
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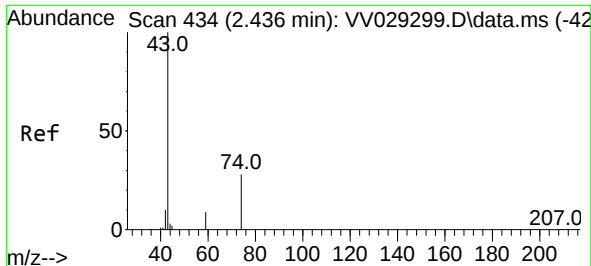
Tgt Ion: 76 Resp: 932998

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

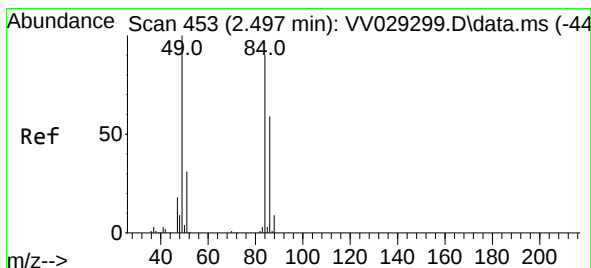
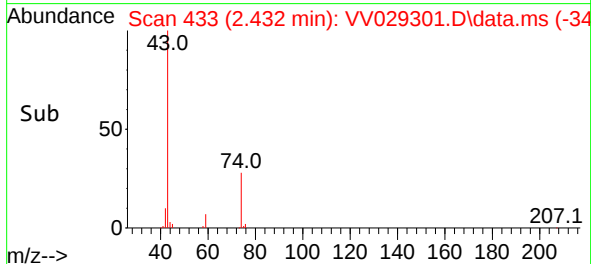
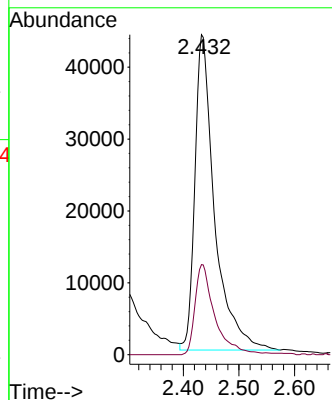
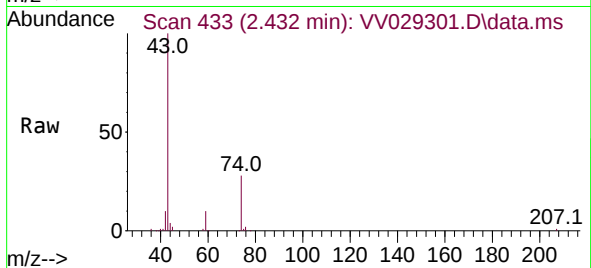




#15
Methyl Acetate
Concen: 17.242 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

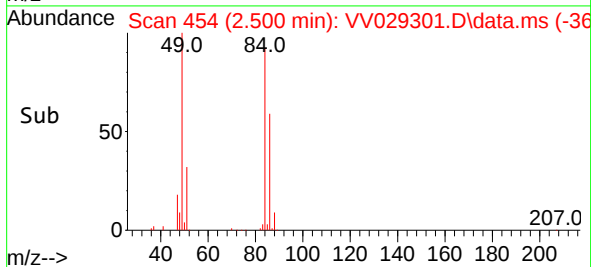
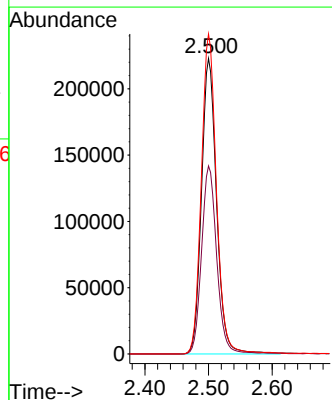
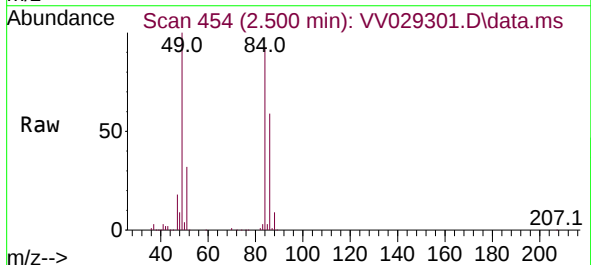
Instrument :
MSVOA_V
ClientSampleId :

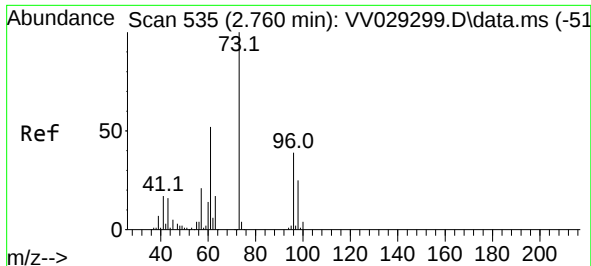
Tgt Ion: 43 Resp: 107871
Ion Ratio Lower Upper
43 100
74 28.5 19.6 29.4



#16
Methylene chloride
Concen: 16.211 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 84 Resp: 366843
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 108.3 77.8 144.4





#17

Methyl tert-butyl Ether

Concen: 21.019 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

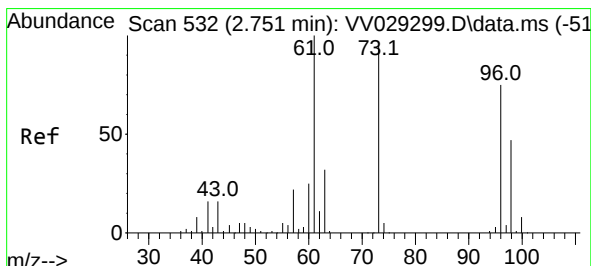
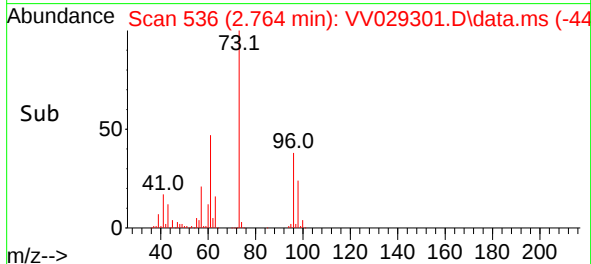
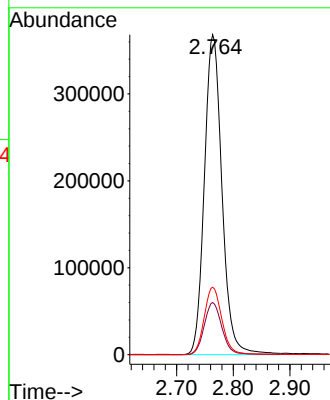
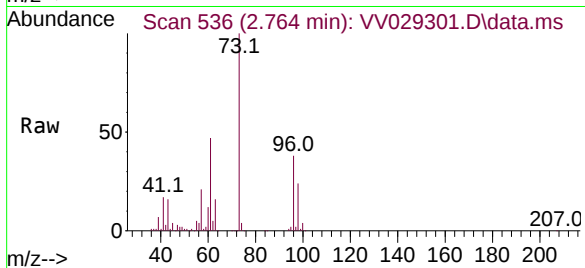
Tgt Ion: 73 Resp: 795917

Ion Ratio Lower Upper

73 100

43 16.2 13.2 19.8

57 21.3 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 21.789 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

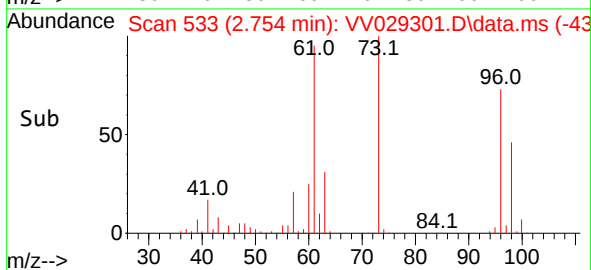
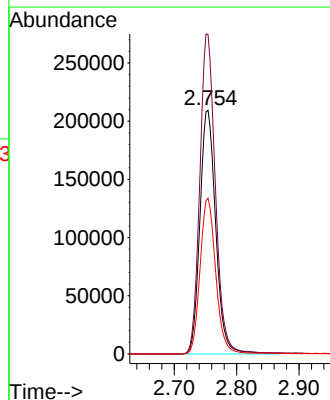
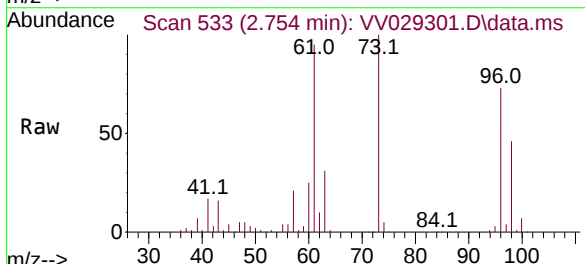
Tgt Ion: 96 Resp: 370366

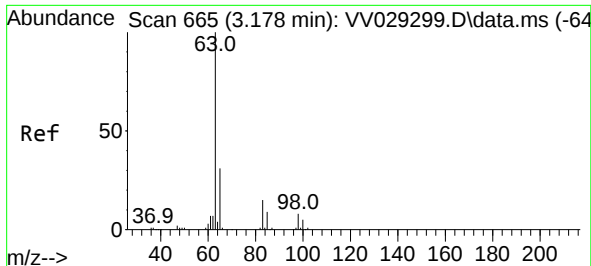
Ion Ratio Lower Upper

96 100

61 131.1 93.0 172.6

98 63.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 21.255 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

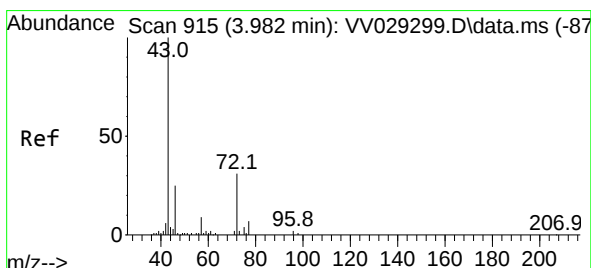
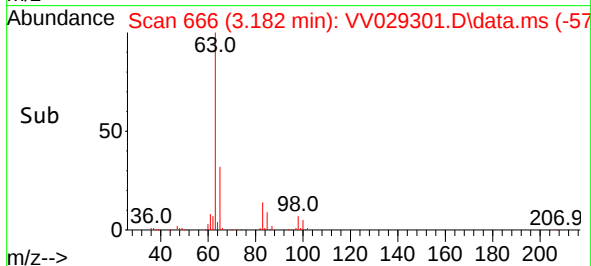
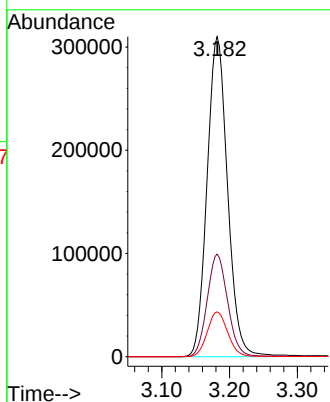
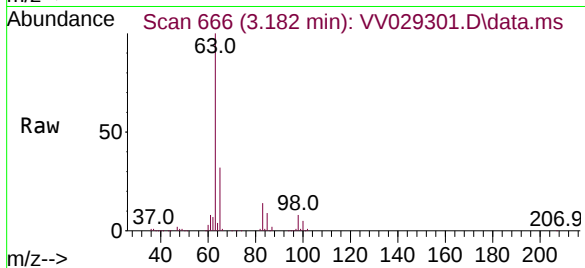
Tgt Ion: 63 Resp: 650236

Ion Ratio Lower Upper

63 100

65 32.0 21.6 40.2

83 14.0 10.3 19.1



#21

2-Butanone

Concen: 216.334 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV029301.D

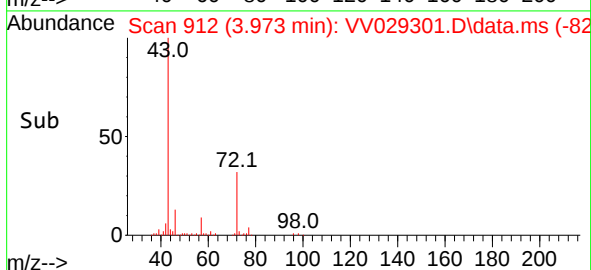
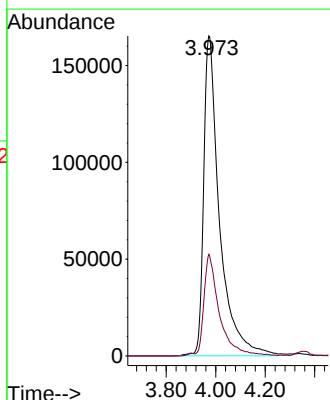
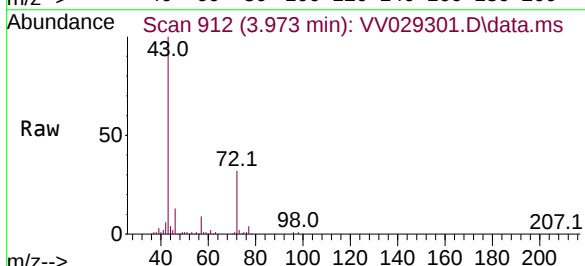
Acq: 23 Nov 2022 17:48

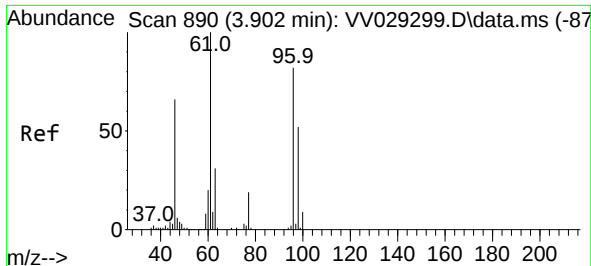
Tgt Ion: 43 Resp: 731848

Ion Ratio Lower Upper

43 100

72 28.5 13.8 41.3

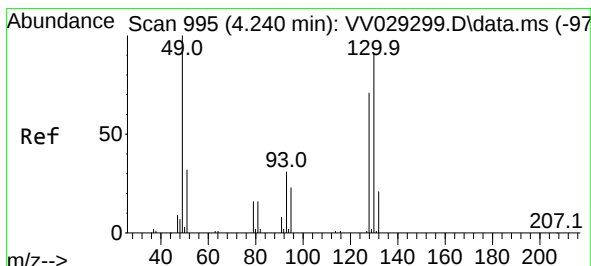
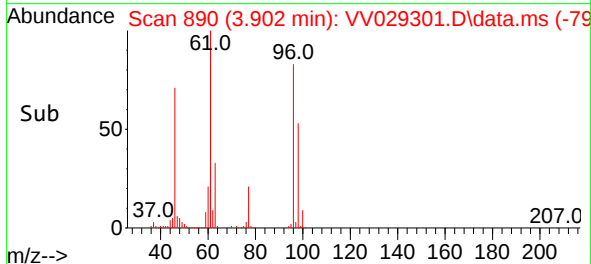
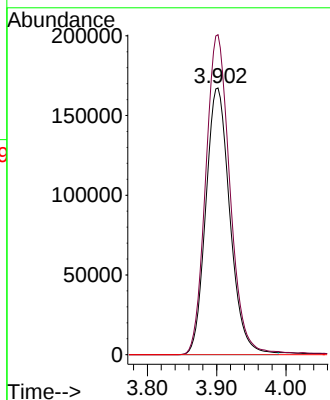
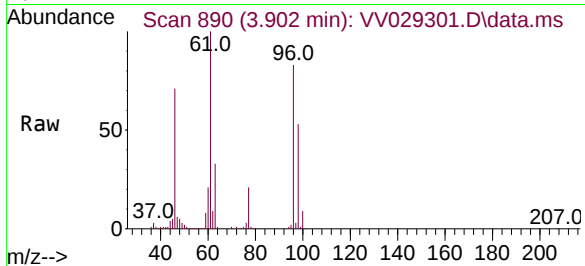




#22
 cis-1,2-Dichloroethene
 Concen: 20.801 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

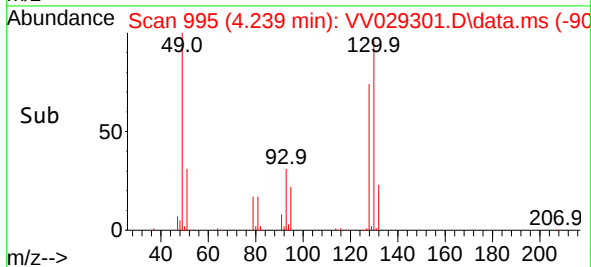
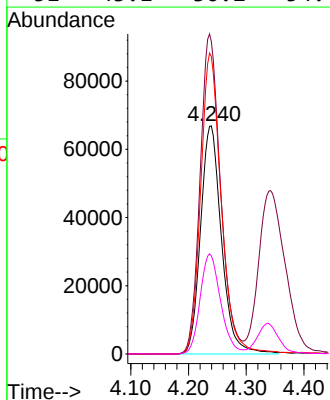
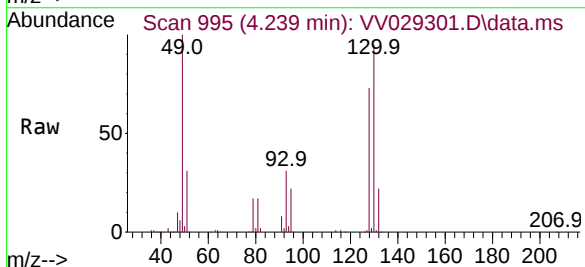
Instrument :
 MSVOA_V
 ClientSampleId :

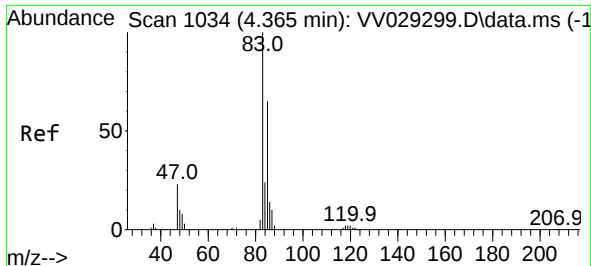
Tgt Ion: 96 Resp: 404424
 Ion Ratio Lower Upper
 96 100
 61 120.0 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 21.576 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

Tgt Ion: 128 Resp: 168028
 Ion Ratio Lower Upper
 128 100
 49 137.0 100.0 185.8
 130 130.4 90.2 167.6
 51 43.1 36.2 54.4

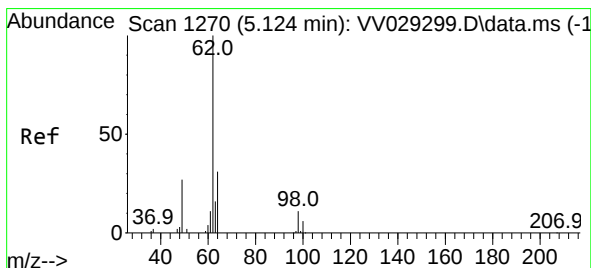
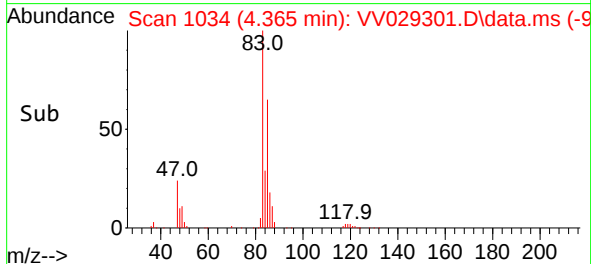
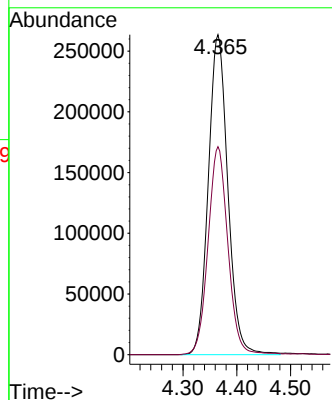
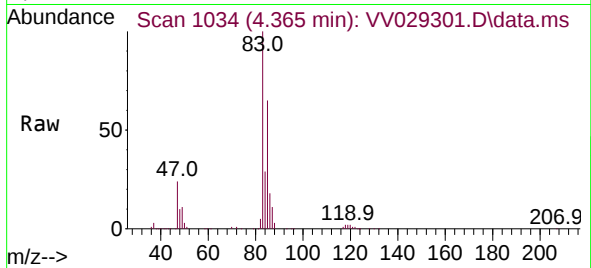




#25
Chloroform
Concen: 20.818 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

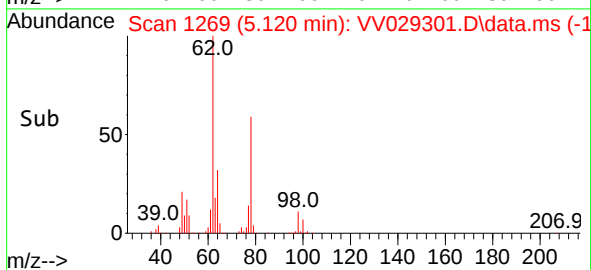
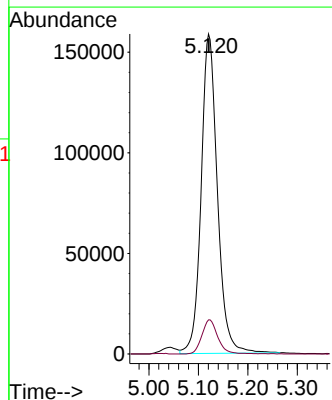
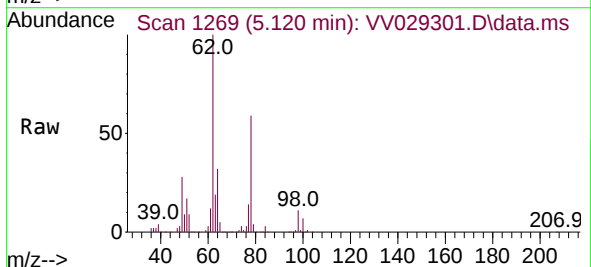
Instrument :
MSVOA_V
ClientSampleId :

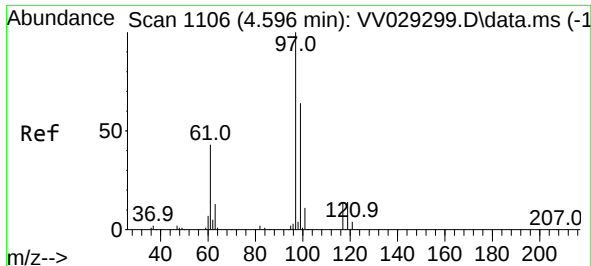
Tgt Ion: 83 Resp: 664975
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 20.913 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 62 Resp: 361923
Ion Ratio Lower Upper
62 100
98 10.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 21.441 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

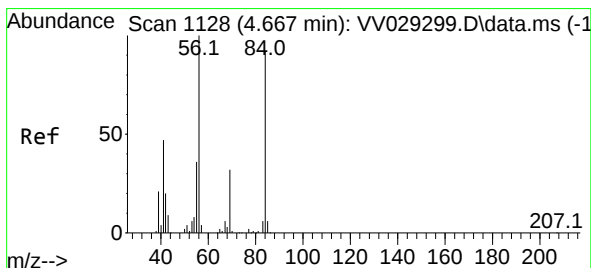
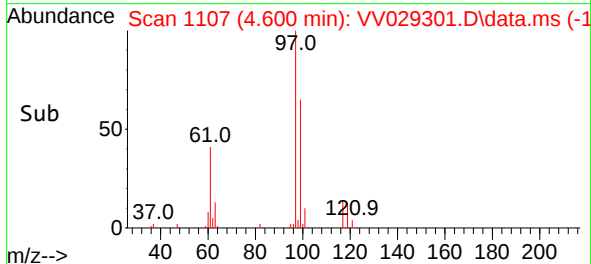
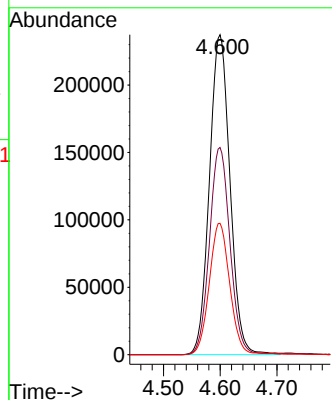
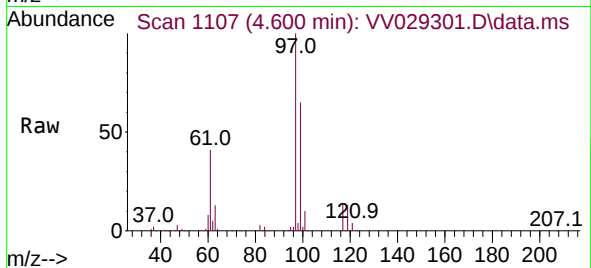
Tgt Ion: 97 Resp: 598183

Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 40.9 33.3 49.9



#30

Cyclohexane

Concen: 21.489 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

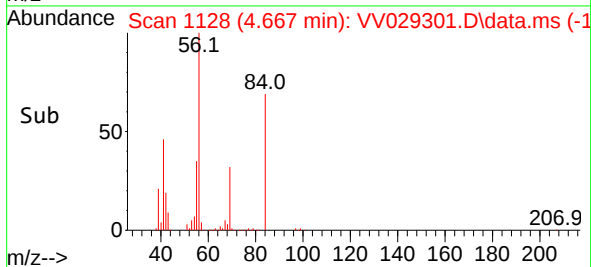
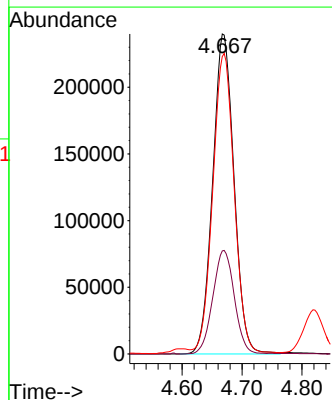
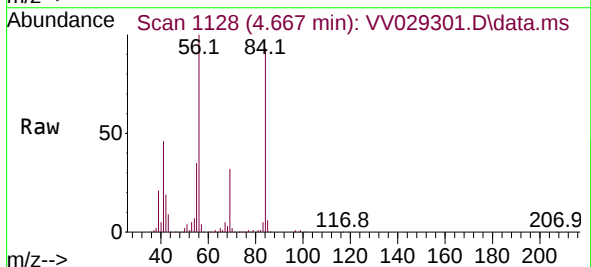
Tgt Ion: 56 Resp: 592571

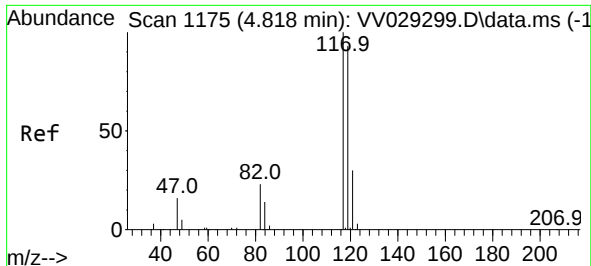
Ion Ratio Lower Upper

56 100

69 32.7 26.1 39.1

84 94.6 75.6 113.4

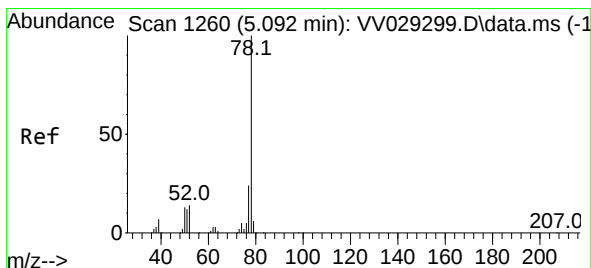
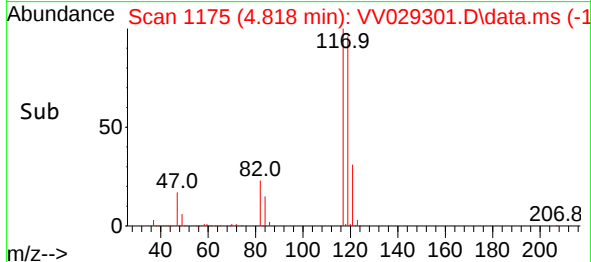
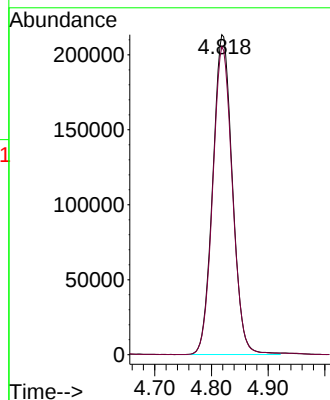
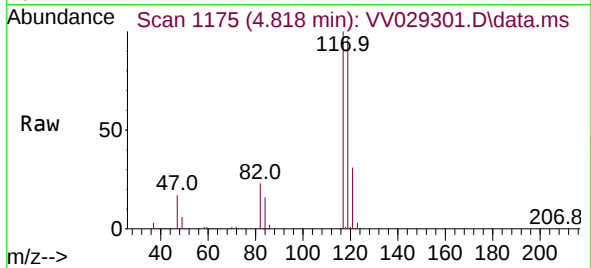




#31
Carbon tetrachloride
Concen: 21.728 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

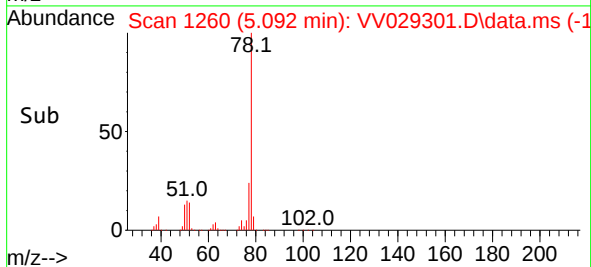
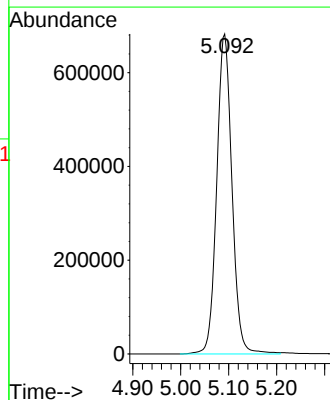
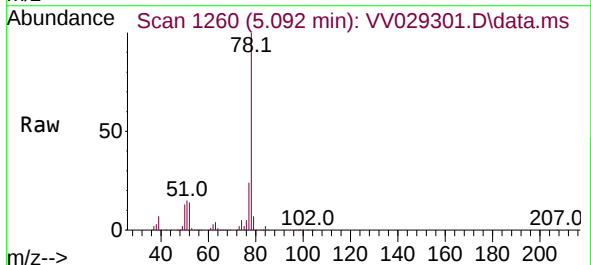
Instrument :
MSVOA_V
ClientSampleId :

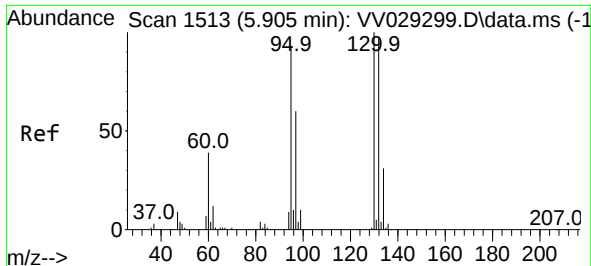
Tgt Ion:117 Resp: 512651
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5



#33
Benzene
Concen: 20.782 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 78 Resp: 1507662

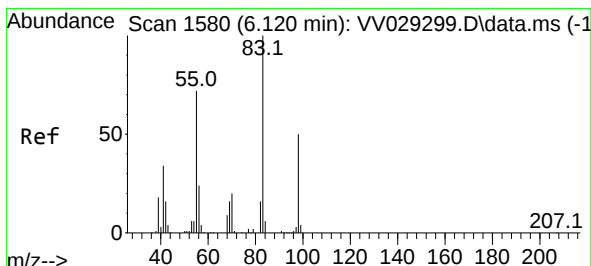
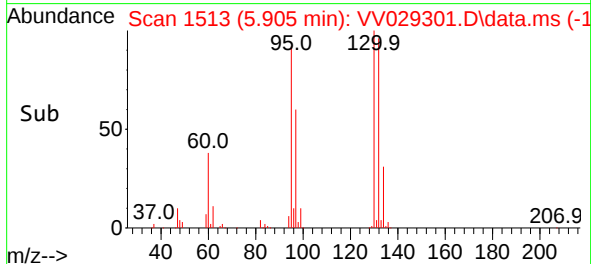
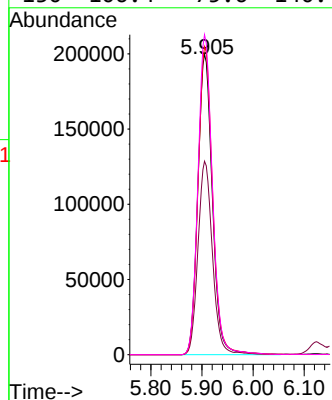
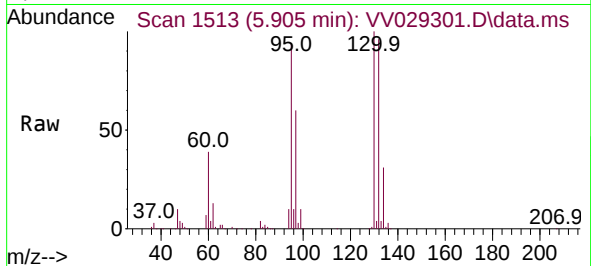




#34
Trichloroethene
Concen: 21.350 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

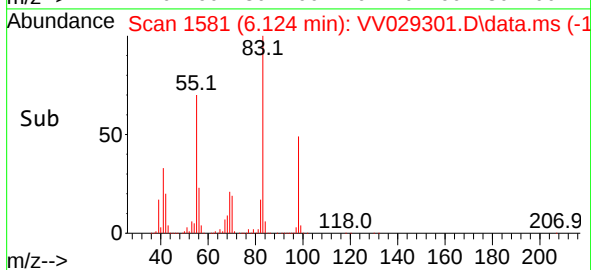
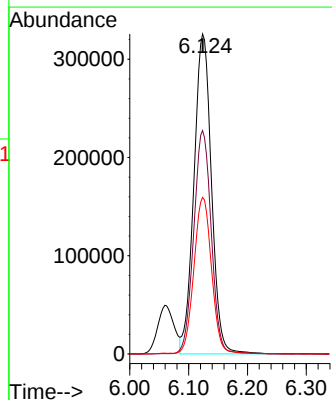
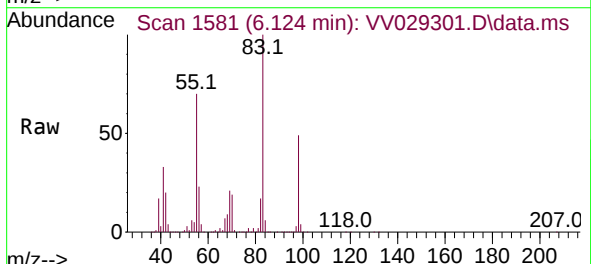
Instrument :
MSVOA_V
ClientSampleId :

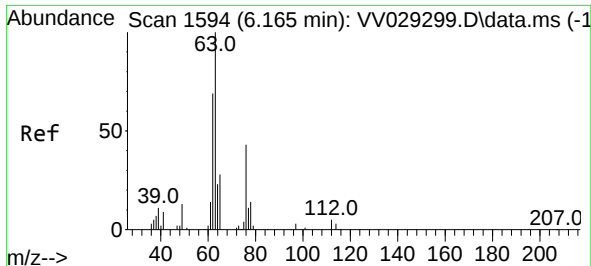
Tgt Ion: 95 Resp: 395117
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.4
132 102.4 73.3 136.1
130 106.4 75.6 140.4



#35
Methylcyclohexane
Concen: 21.571 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 83 Resp: 673863
Ion Ratio Lower Upper
83 100
55 70.0 55.4 83.2
98 49.3 39.4 59.2





#37

1,2-Dichloropropane

Concen: 21.161 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

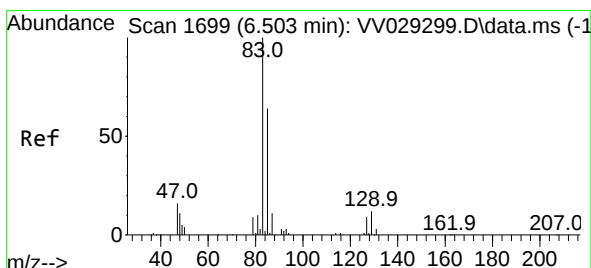
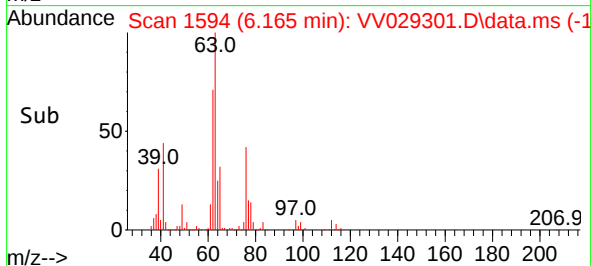
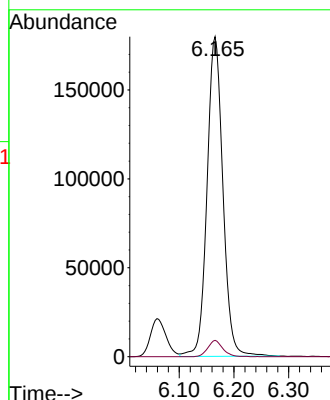
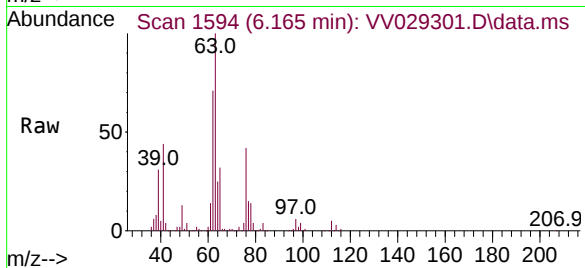
ClientSampleId :

Tgt Ion: 63 Resp: 361628

Ion Ratio Lower Upper

63 100

112 4.8 4.1 6.1



#38

Bromodichloromethane

Concen: 21.816 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

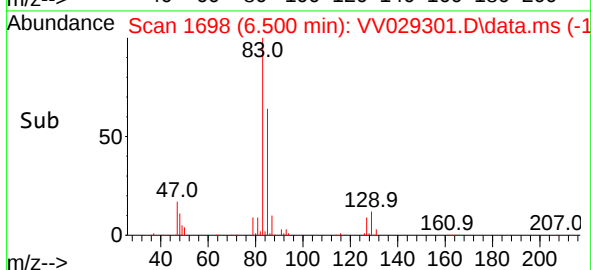
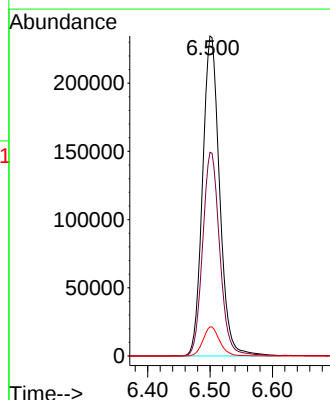
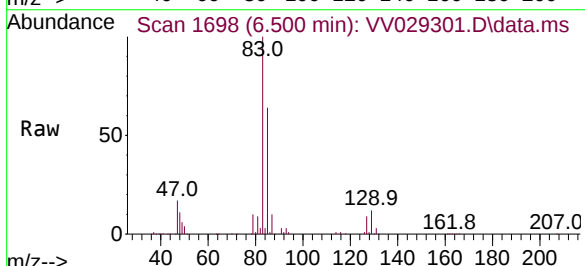
Tgt Ion: 83 Resp: 446314

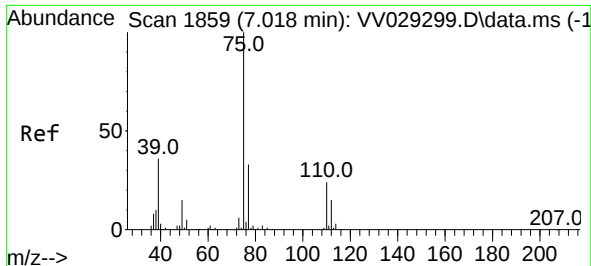
Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

127 9.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 21.837 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

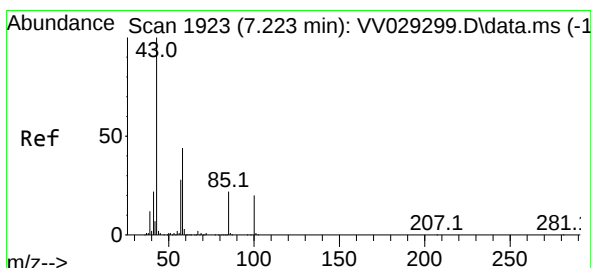
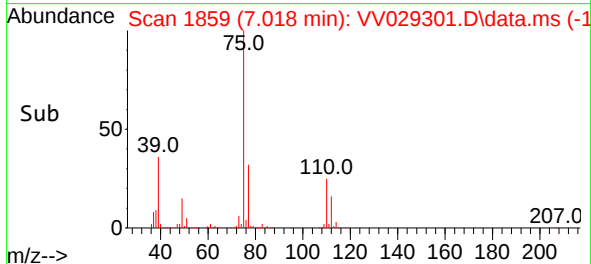
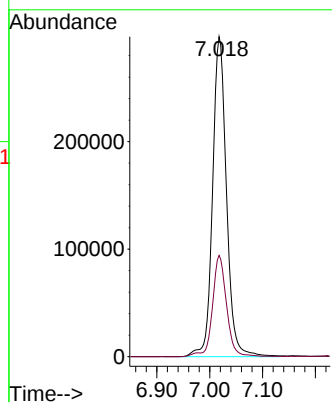
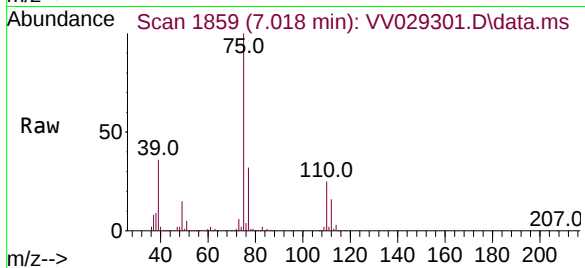
ClientSampleId :

Tgt Ion: 75 Resp: 545510

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 208.642 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

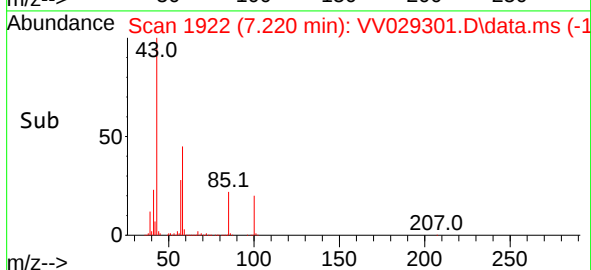
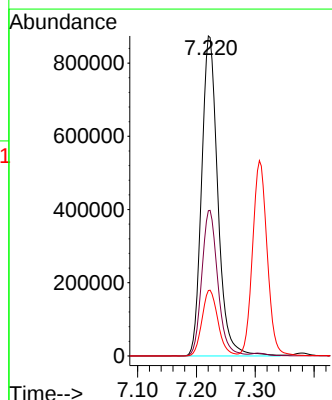
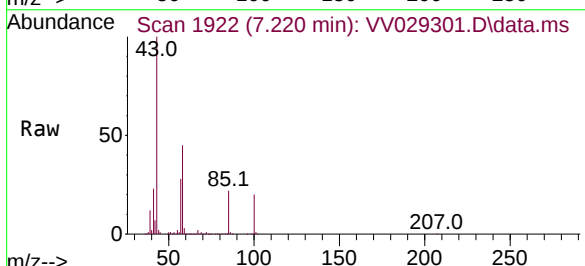
Tgt Ion: 43 Resp: 1668459

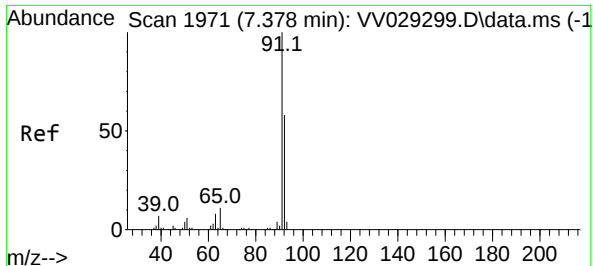
Ion Ratio Lower Upper

43 100

58 45.1 35.3 52.9

100 20.3 15.3 22.9





#42

Toluene

Concen: 20.891 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

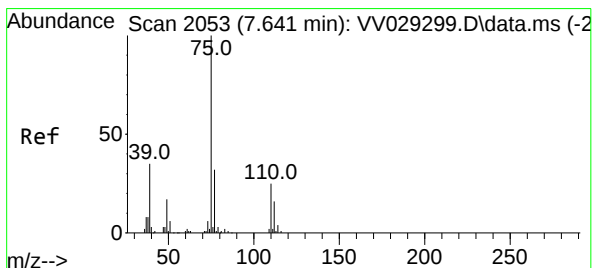
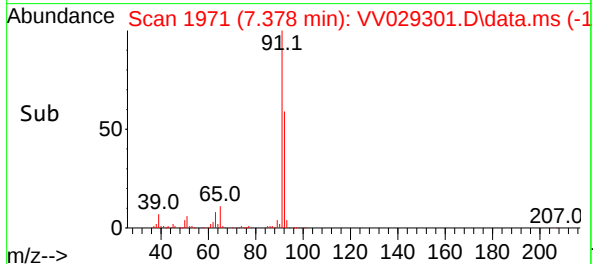
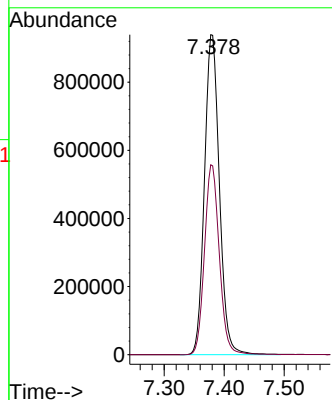
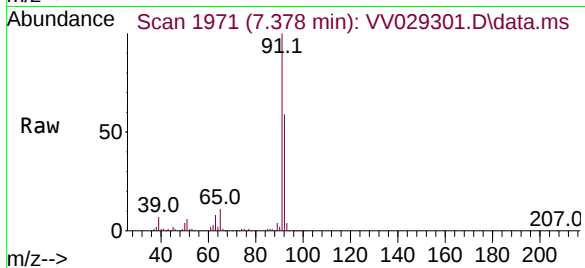
ClientSampleId :

Tgt Ion: 91 Resp: 1626534

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 21.849 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029301.D

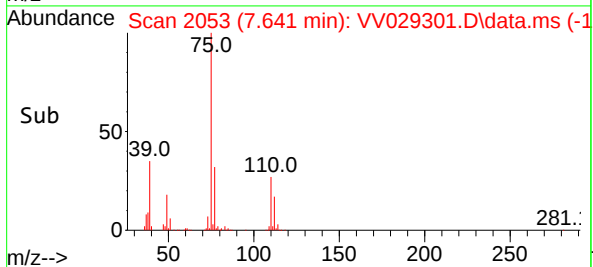
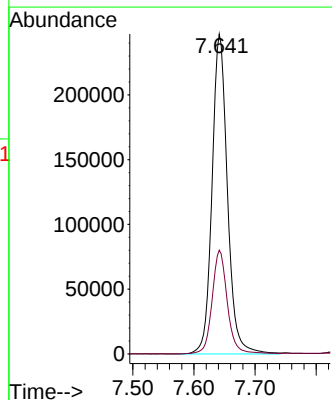
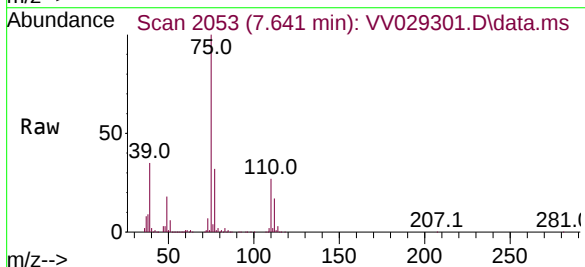
Acq: 23 Nov 2022 17:48

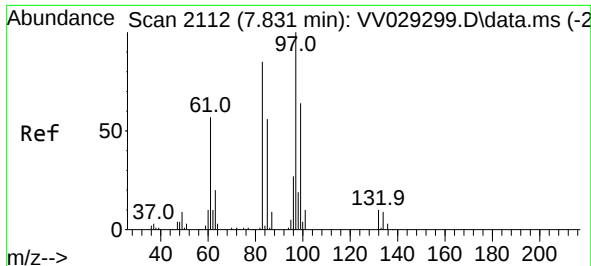
Tgt Ion: 75 Resp: 432350

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6

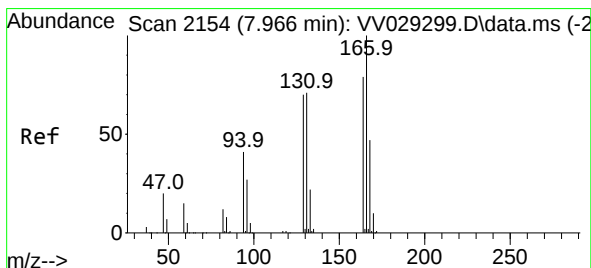
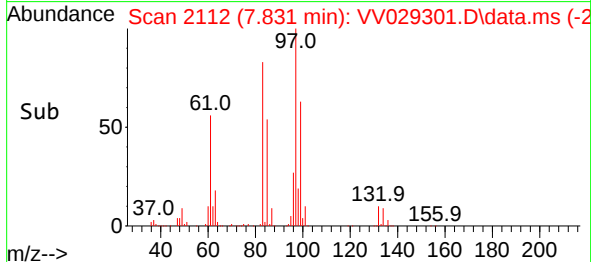
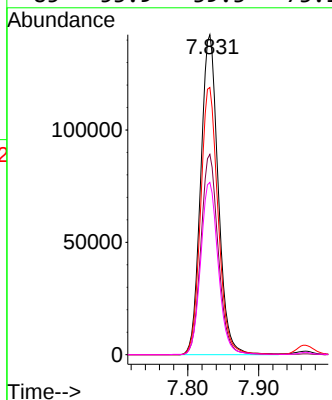
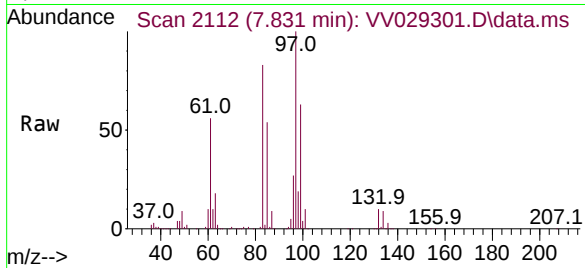




#45
1,1,2-Trichloroethane
Concen: 21.116 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

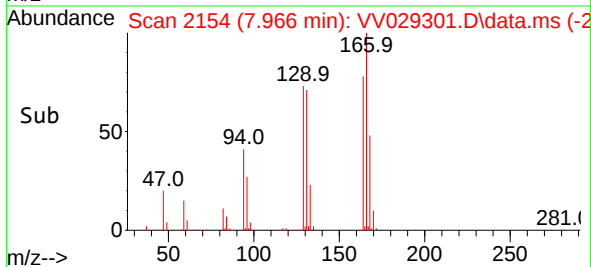
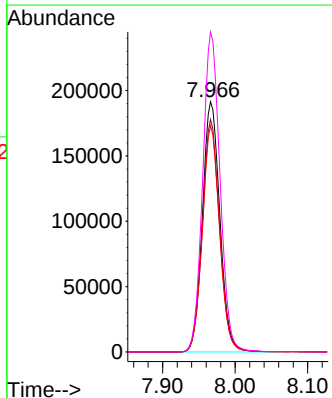
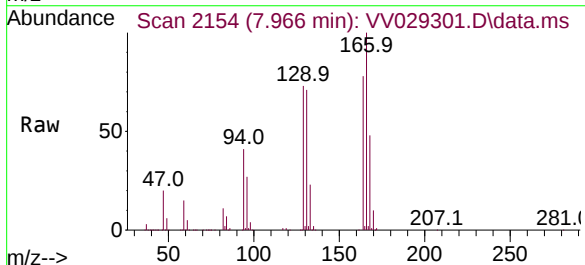
Instrument :
MSVOA_V
ClientSampleId :

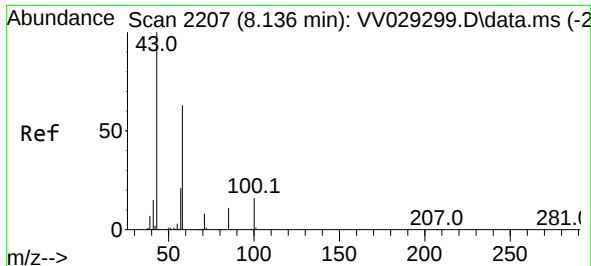
Tgt Ion: 97	Resp: 244315
Ion Ratio	Lower Upper
97 100	
99 62.6	44.4 82.5
83 83.5	59.5 110.5
85 53.9	39.3 73.1



#47
Tetrachloroethene
Concen: 21.128 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

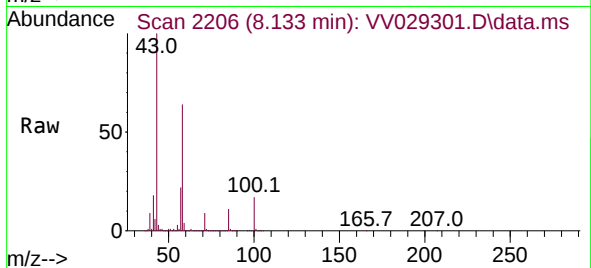
Tgt	Ion:164	Resp:	320515
Ion	Ratio	Lower	Upper
164	100		
129	92.9	61.7	114.7
131	90.4	62.9	116.9
166	127.9	88.5	164.3





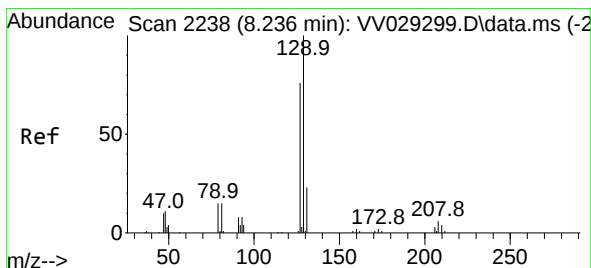
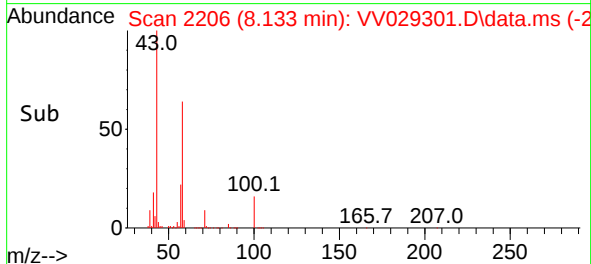
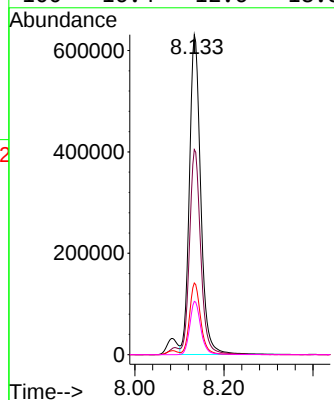
#48
2-Hexanone
Concen: 198.238 ug/L
RT: 8.133 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1111909

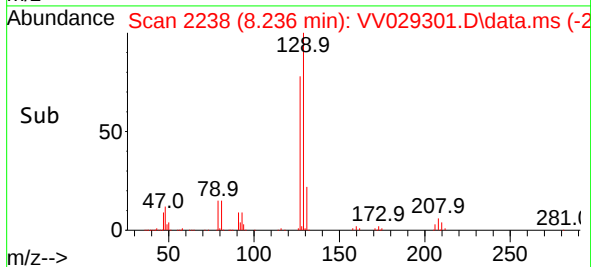
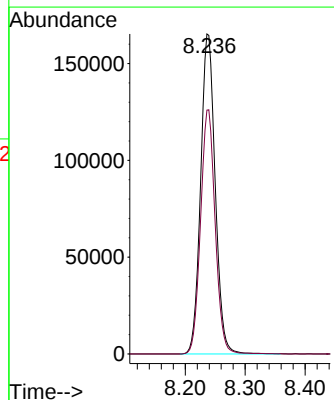
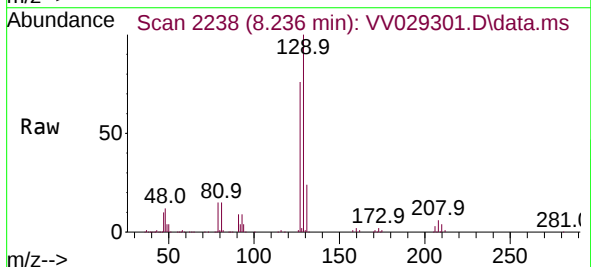
Ion	Ratio	Lower	Upper
43	100		
58	63.5	49.4	74.0
57	22.0	16.9	25.3
100	16.4	12.6	18.8

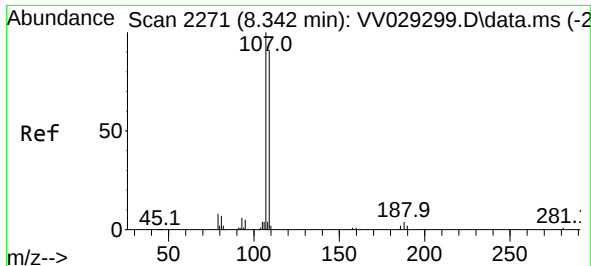


#49
Dibromochloromethane
Concen: 21.517 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 129 Resp: 280041

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.1	98.7





#50

1,2-Dibromoethane

Concen: 20.492 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

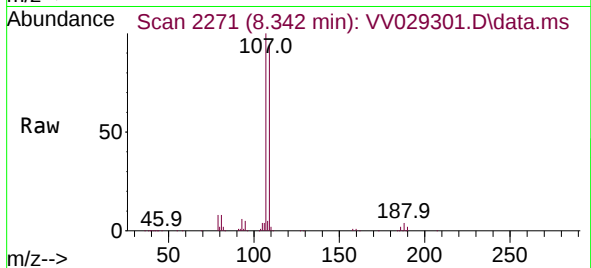
Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :



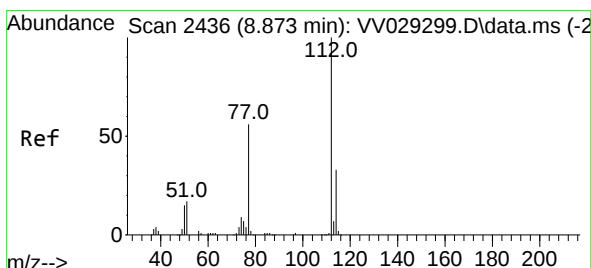
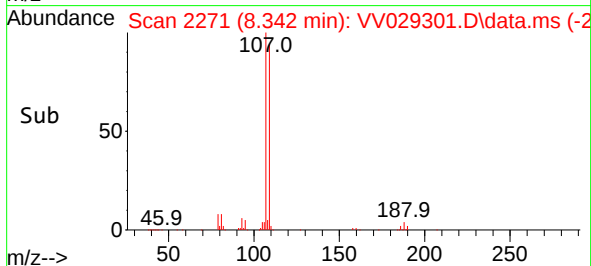
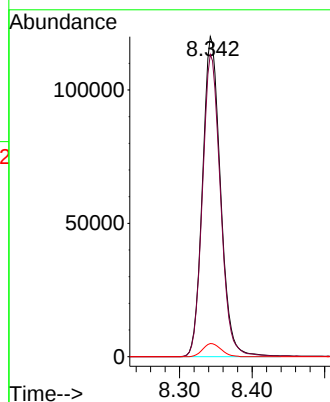
Tgt Ion:107 Resp: 206879

Ion Ratio Lower Upper

107 100

109 94.4 64.0 118.8

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 20.605 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

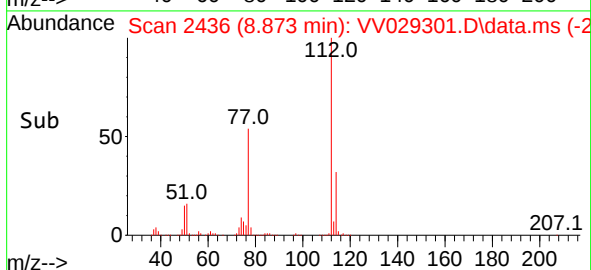
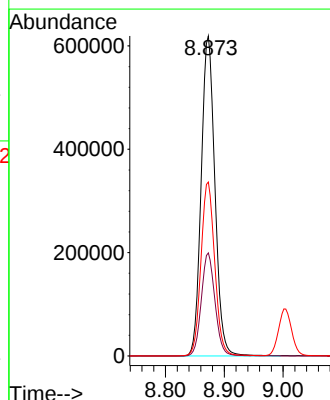
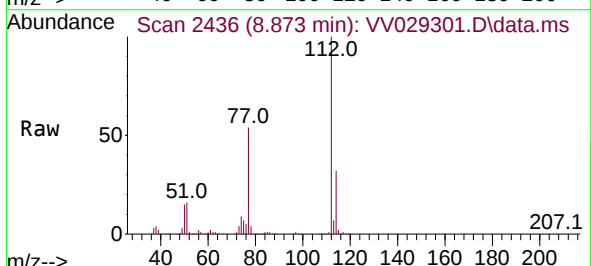
Tgt Ion:112 Resp: 1002752

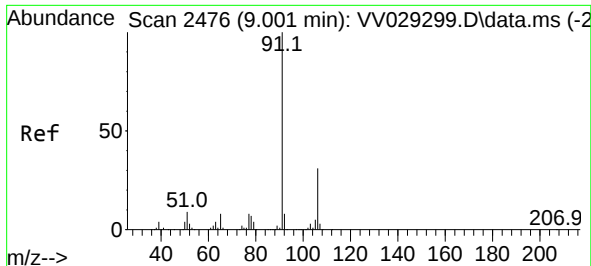
Ion Ratio Lower Upper

112 100

114 32.2 22.9 42.5

77 54.3 45.3 67.9

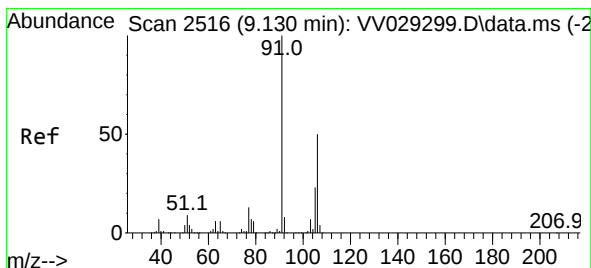
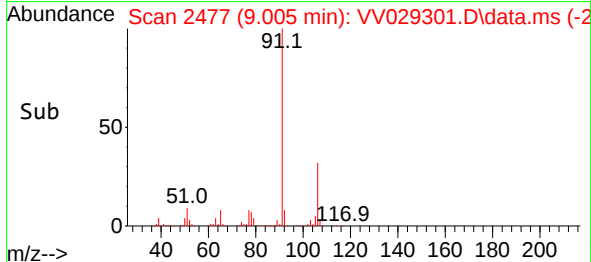
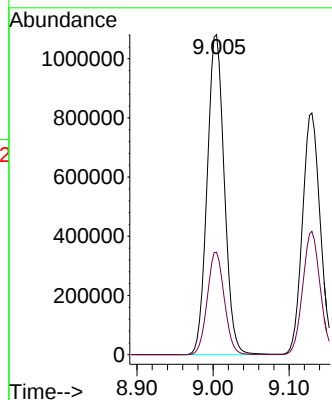
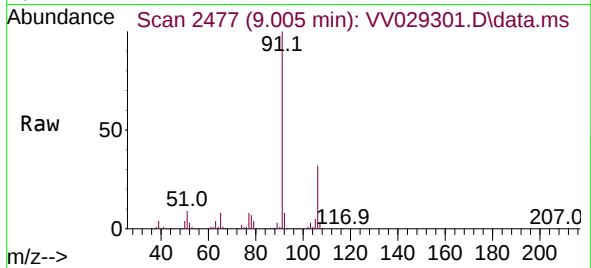




#52
Ethylbenzene
Concen: 20.836 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

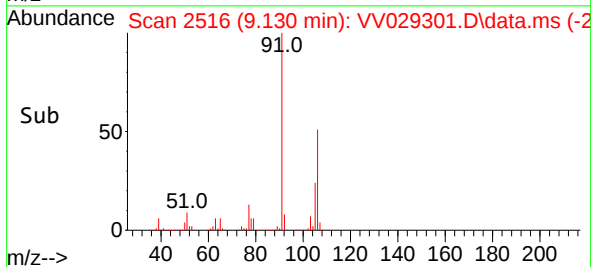
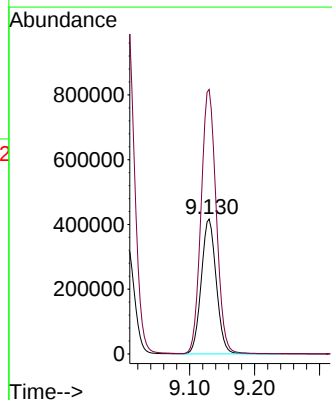
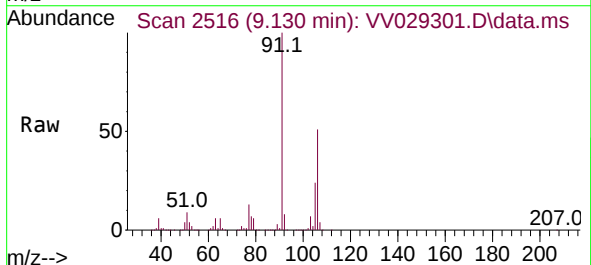
Instrument :
MSVOA_V
ClientSampleId :

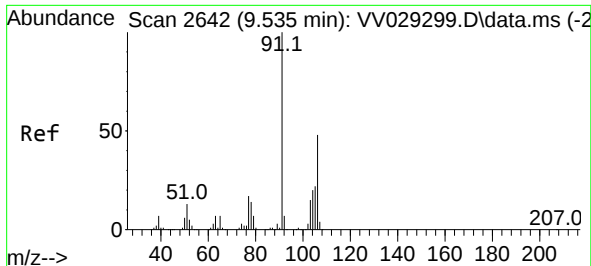
Tgt Ion: 91 Resp: 1691385
Ion Ratio Lower Upper
91 100
106 32.1 21.9 40.7



#53
m,p-Xylene
Concen: 20.898 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion:106 Resp: 669137
Ion Ratio Lower Upper
106 100
91 196.0 140.6 261.2

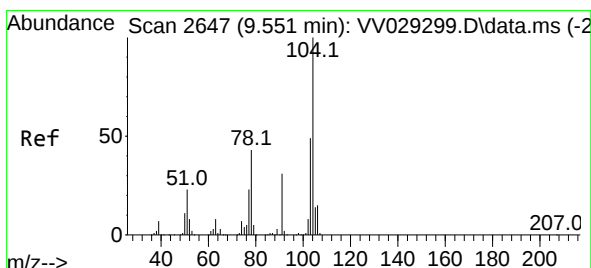
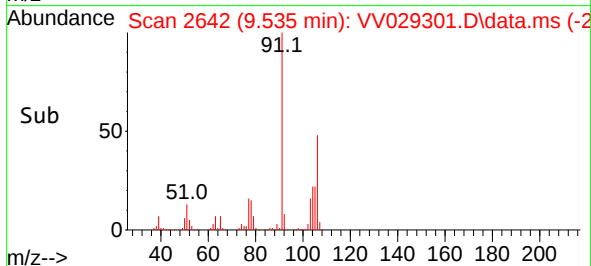
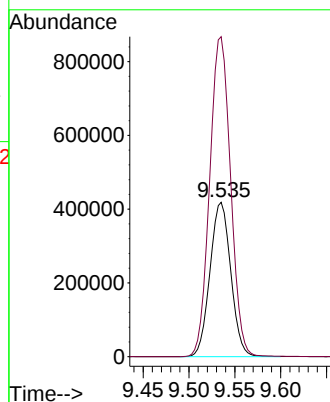
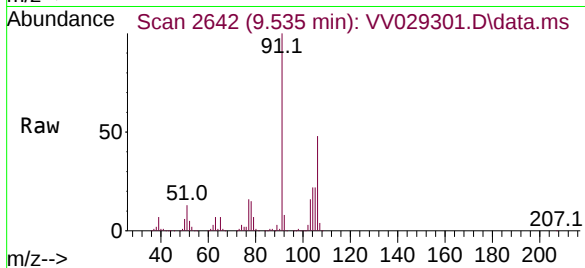




#54
o-Xylene
Concen: 20.976 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

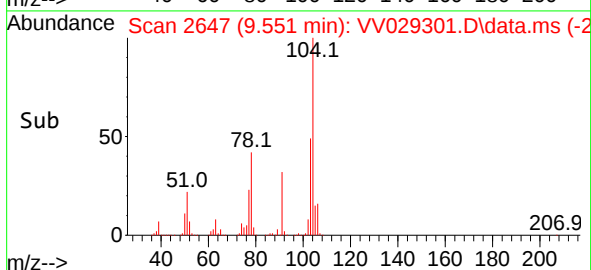
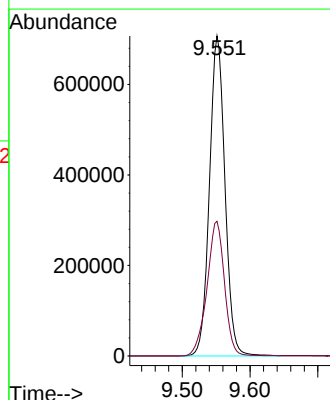
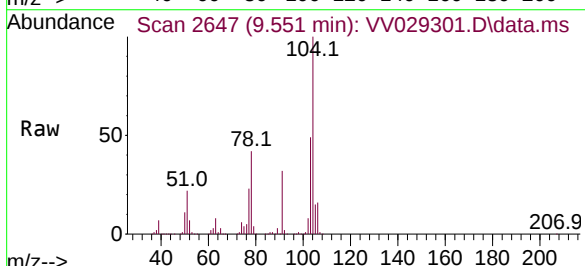
Instrument :
MSVOA_V
ClientSampleId :

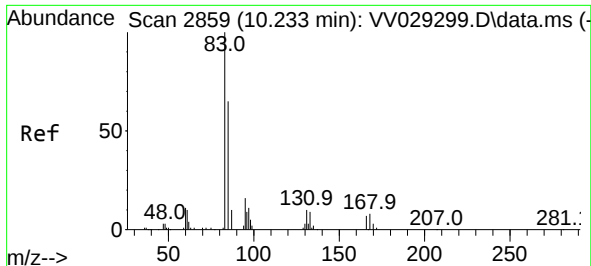
Tgt Ion:106 Resp: 659751
Ion Ratio Lower Upper
106 100
91 207.2 146.9 272.9



#55
Styrene
Concen: 21.179 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion:104 Resp: 1124386
Ion Ratio Lower Upper
104 100
78 42.1 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 20.006 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

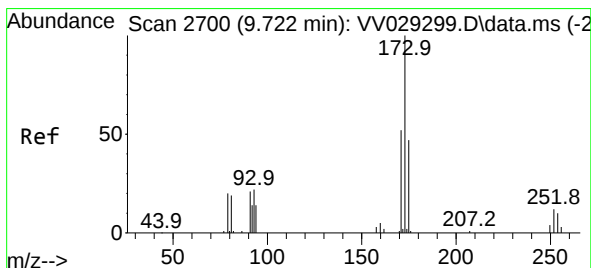
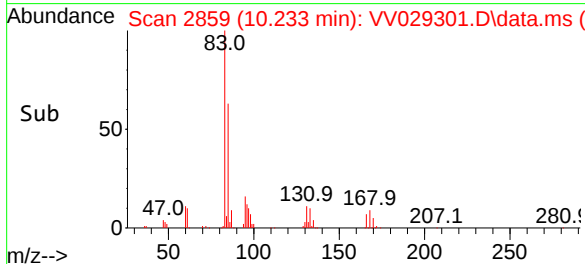
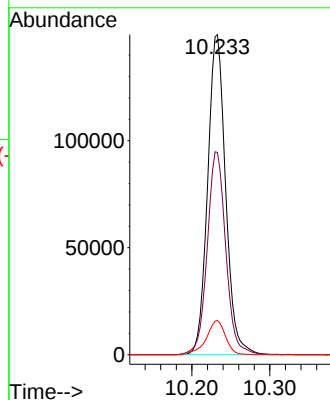
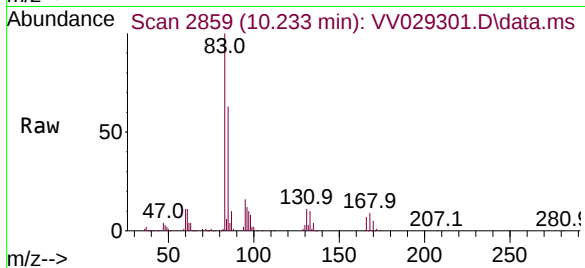
Tgt Ion: 83 Resp: 239503

Ion Ratio Lower Upper

83 100

85 63.2 45.5 84.5

131 10.7 8.2 12.2



#59

Bromoform

Concen: 21.898 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

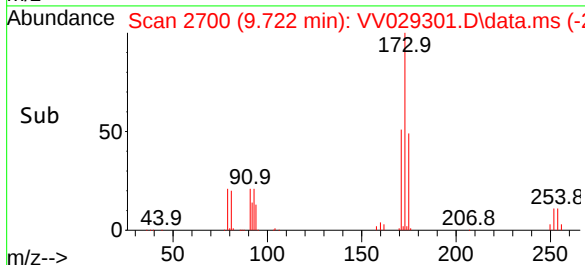
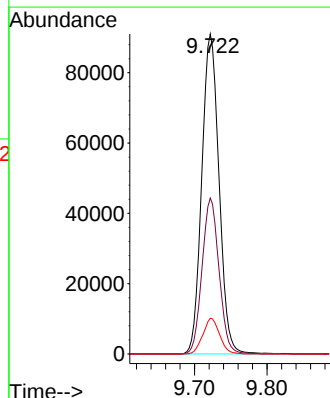
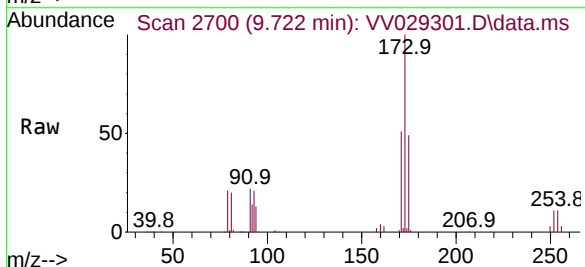
Tgt Ion: 173 Resp: 150550

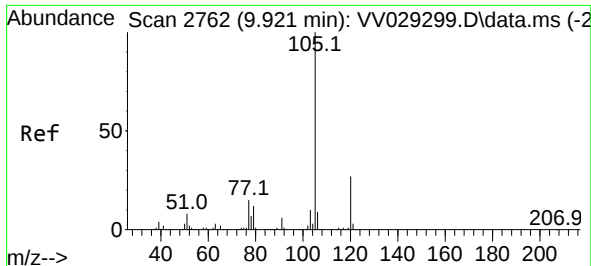
Ion Ratio Lower Upper

173 100

175 47.9 38.6 58.0

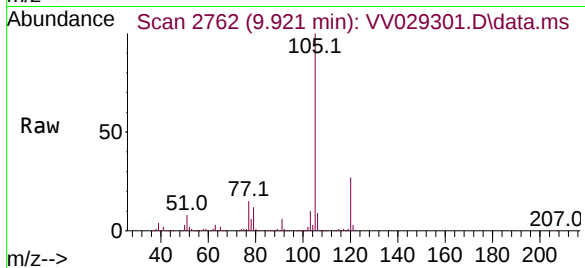
254 10.8 8.3 12.5



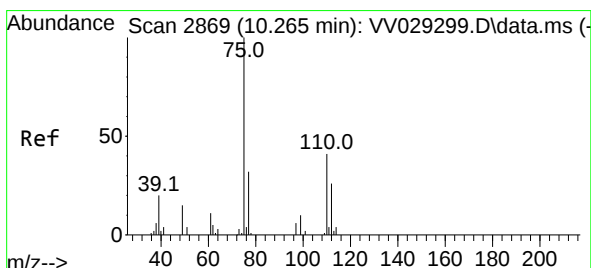
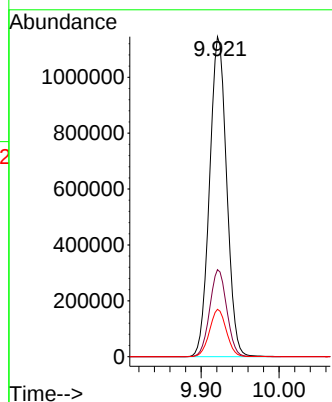
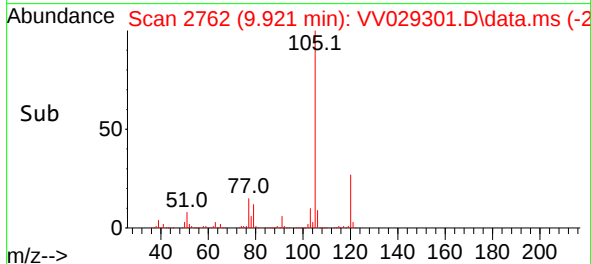


#60
Isopropylbenzene
Concen: 20.632 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Instrument :
MSVOA_V
ClientSampleId :

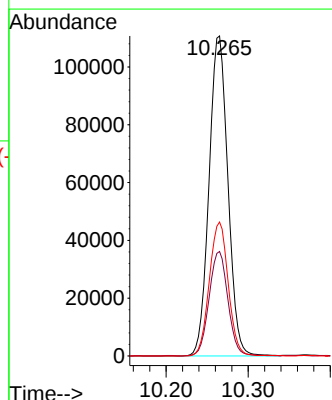
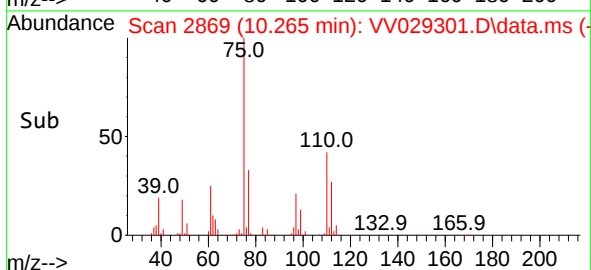
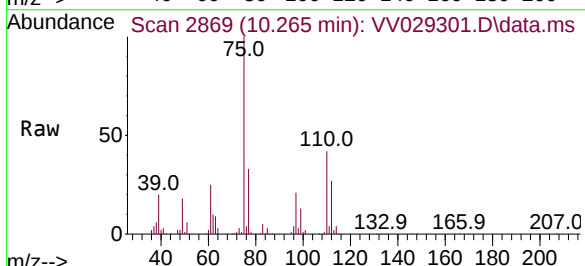


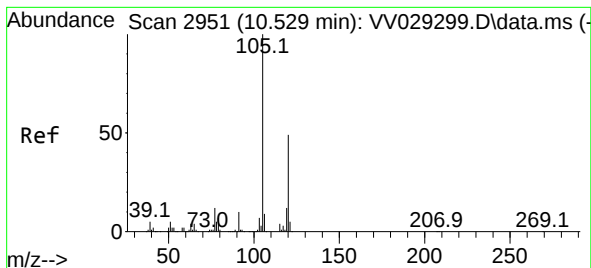
Tgt Ion:105 Resp: 1745679
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 19.546 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Tgt Ion: 75 Resp: 177401
Ion Ratio Lower Upper
75 100
77 32.6 26.7 40.1
110 41.8 32.2 48.4

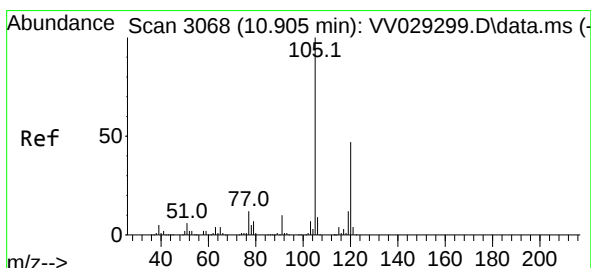
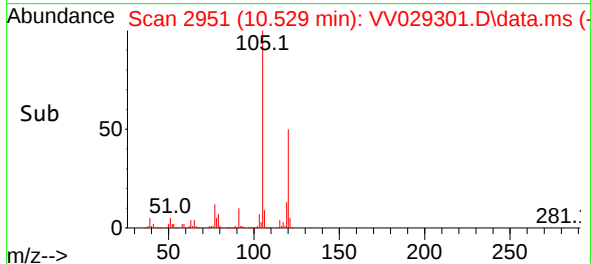
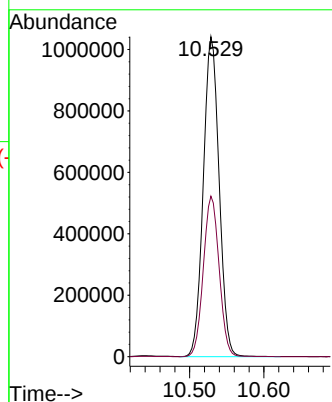
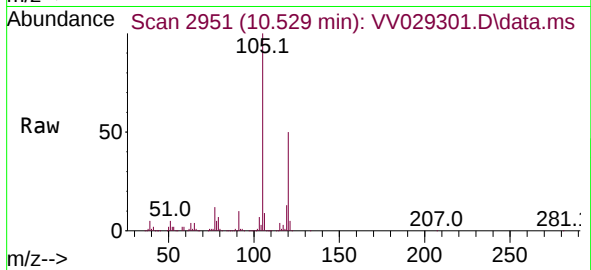




#62
 1,3,5-Trimethylbenzene
 Concen: 20.985 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

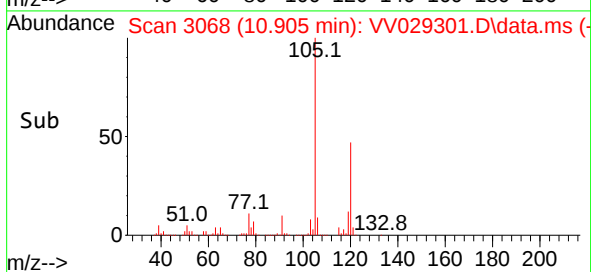
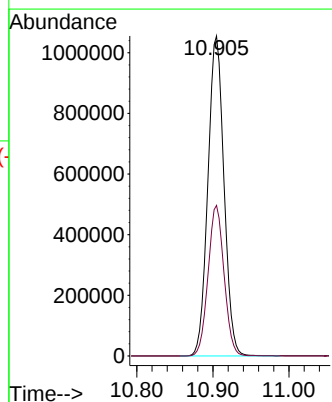
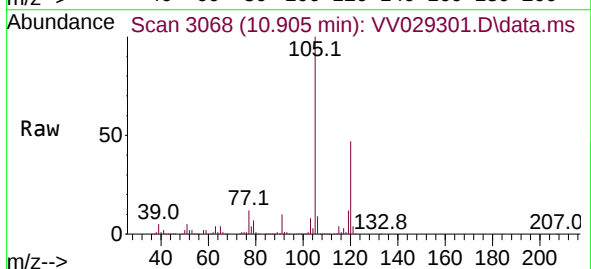
Instrument :
 MSVOA_V
 ClientSampleId :

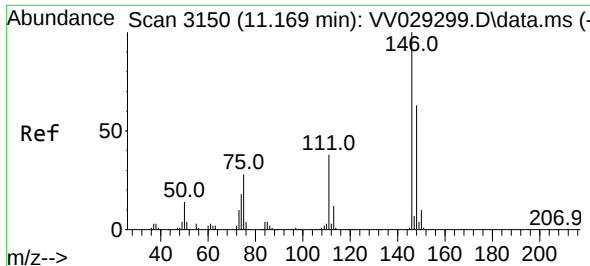
Tgt Ion:105 Resp: 1537370
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 21.011 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

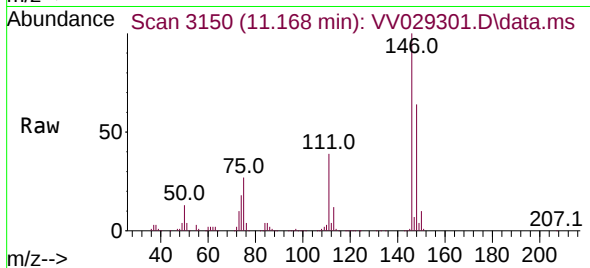
Tgt Ion:105 Resp: 1548277
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.2 55.8



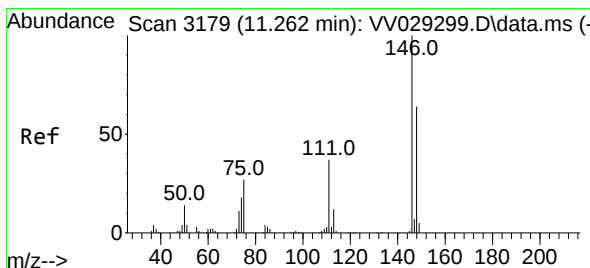
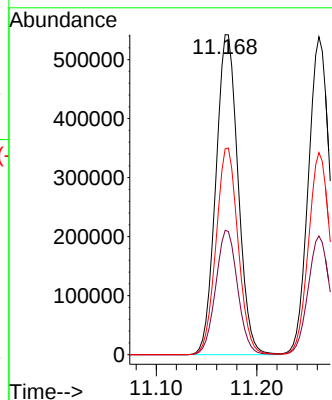
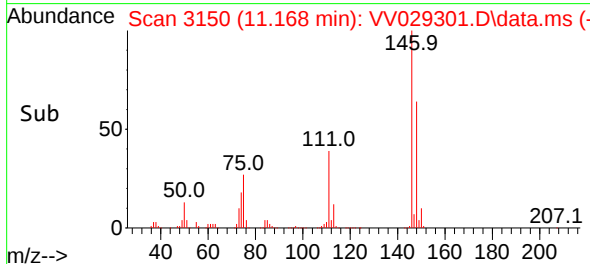


#64
1,3-Dichlorobenzene
Concen: 21.141 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

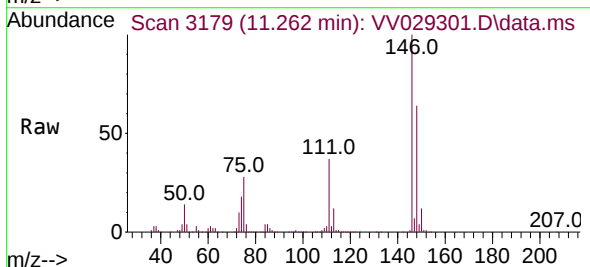
Instrument :
MSVOA_V
ClientSampleId :



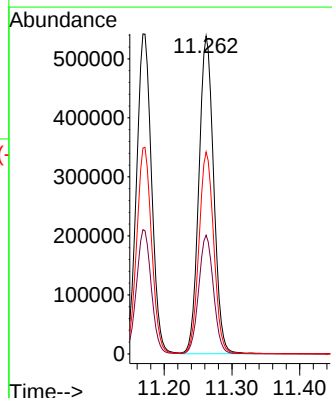
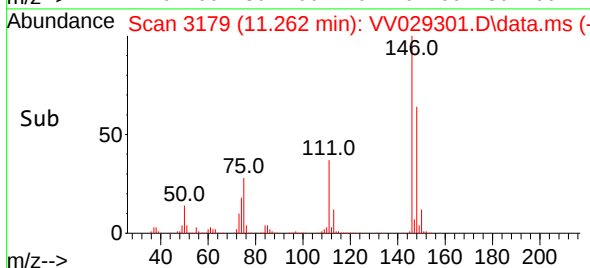
Tgt Ion:146 Resp: 834483
Ion Ratio Lower Upper
146 100
111 38.9 26.3 48.9
148 64.4 44.4 82.4

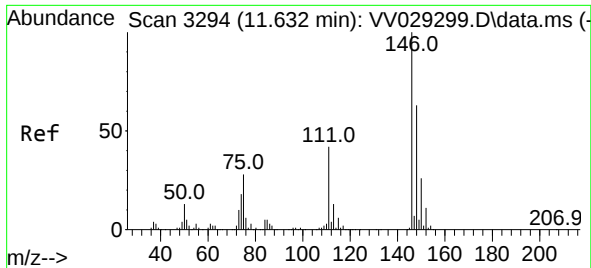


#65
1,4-Dichlorobenzene
Concen: 20.901 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48



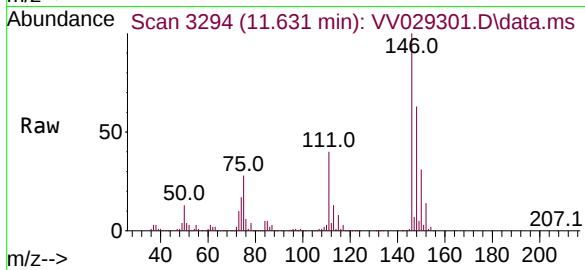
Tgt Ion:146 Resp: 816218
Ion Ratio Lower Upper
146 100
111 37.4 26.0 48.4
148 63.5 44.7 82.9



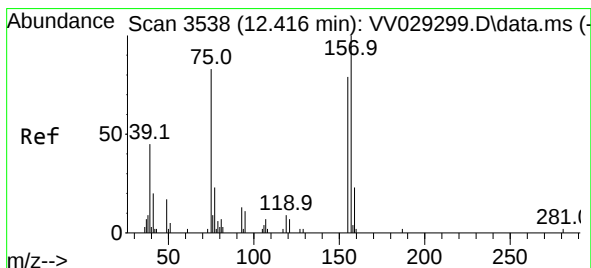
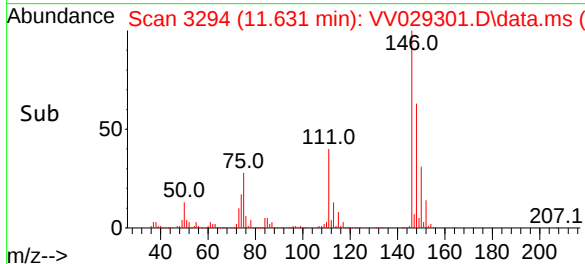
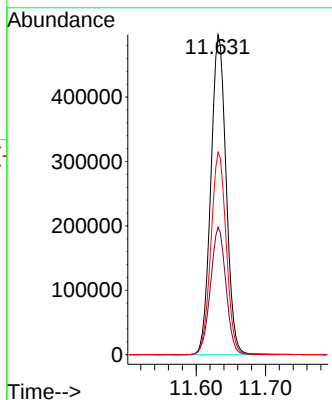


#67
1,2-Dichlorobenzene
Concen: 20.841 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

Instrument :
MSVOA_V
ClientSampleId :

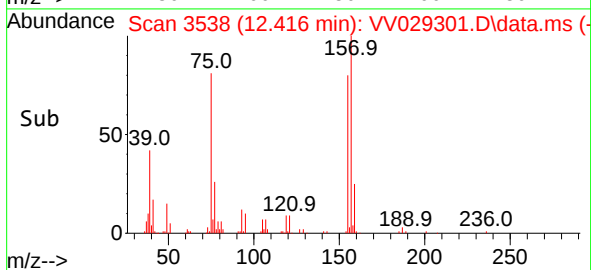
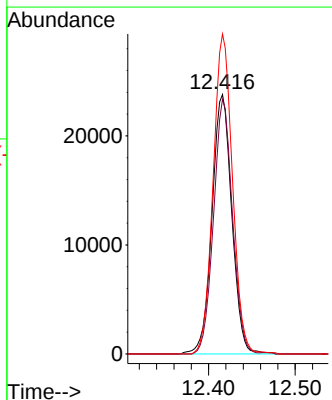
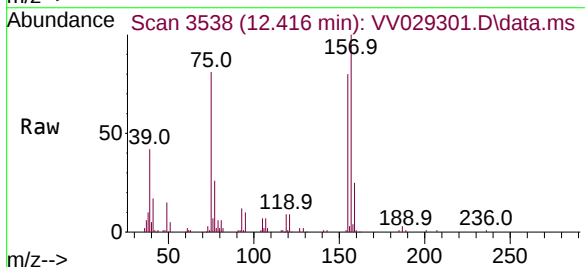


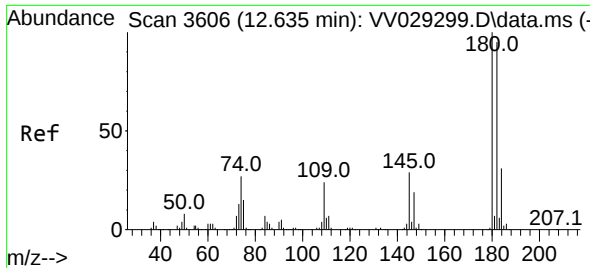
Tgt Ion:146 Resp: 757935
Ion Ratio Lower Upper
146 100
111 39.8 33.5 50.3
148 63.3 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 21.137 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029301.D
Acq: 23 Nov 2022 17:48

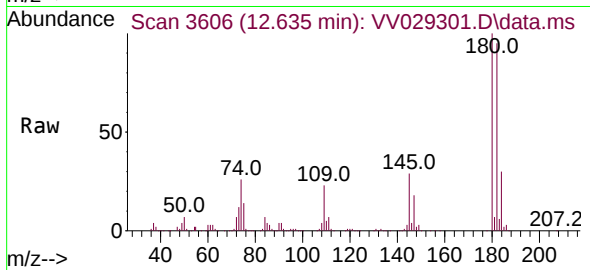
Tgt Ion: 75 Resp: 37676
Ion Ratio Lower Upper
75 100
155 98.1 76.6 115.0
157 123.3 96.9 145.3



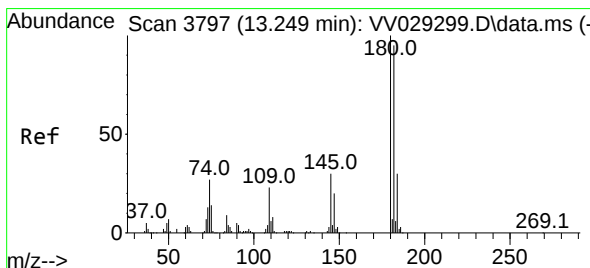
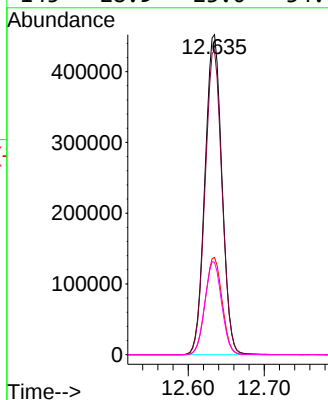
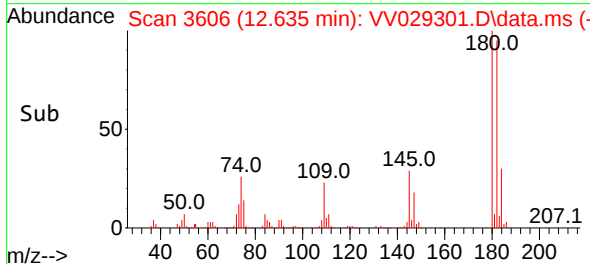


#69
 1,3,5-Trichlorobenzene
 Concen: 21.517 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48

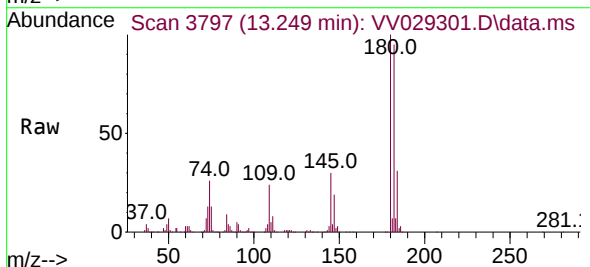
Instrument :
 MSVOA_V
 ClientSampleId :



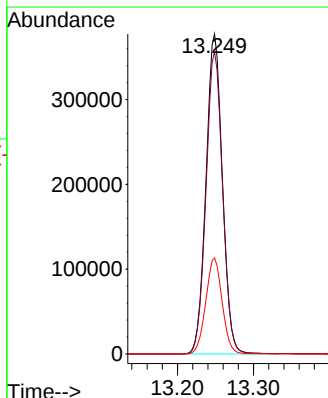
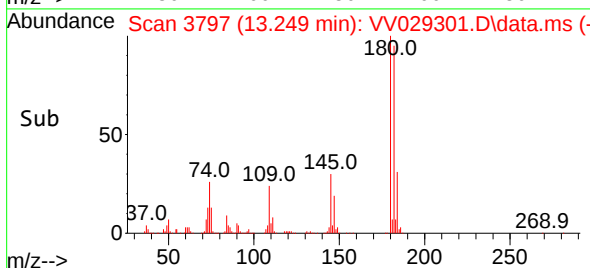
Tgt Ion:180 Resp: 699762
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.6
 184 30.2 24.4 36.6
 145 28.9 23.0 34.6

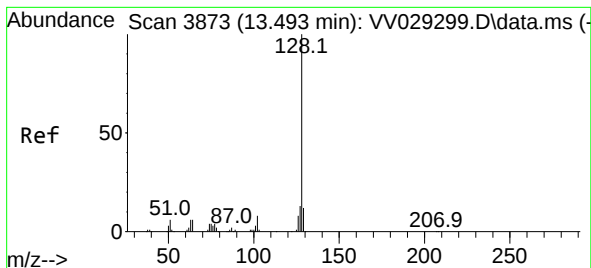


#70
 1,2,4-trichlorobenzene
 Concen: 21.501 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029301.D
 Acq: 23 Nov 2022 17:48



Tgt Ion:180 Resp: 566608
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 30.0 23.4 35.0





#71

Naphthalene

Concen: 20.273 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Instrument :

MSVOA_V

ClientSampleId :

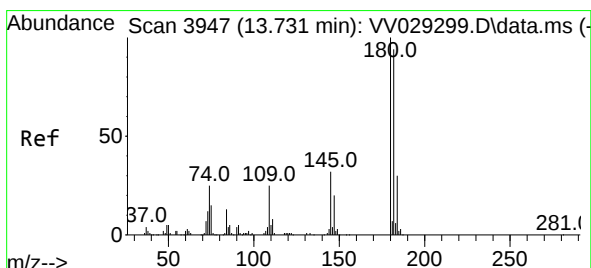
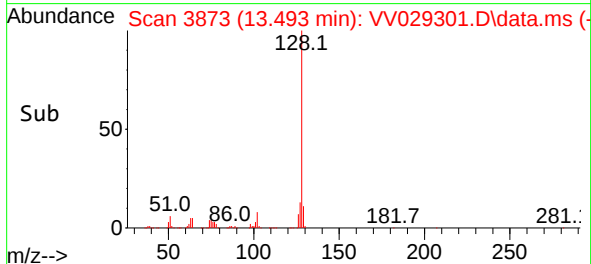
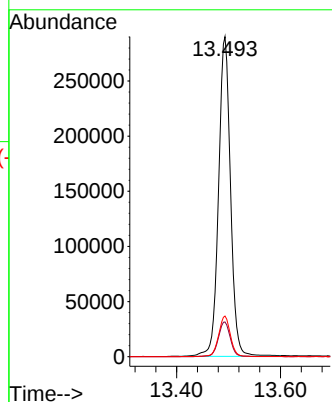
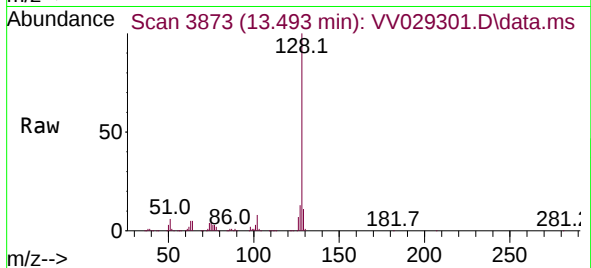
Tgt Ion:128 Resp: 462493

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.5 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 21.548 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029301.D

Acq: 23 Nov 2022 17:48

Tgt Ion:180 Resp: 462260

Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.4

145 31.4 25.2 37.8

