

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029269.D
 Acq On : 22 Nov 2022 17:46
 Operator : SY/MD
 Sample : VSTD00108
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	290548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	256695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	119486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26366	0.951	ug/L	0.00
7) Chloroethane-d5	1.564	69	20373	0.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	44424	0.941	ug/L	0.00
20) 2-Butanone-d5	3.918	46	35905	8.776	ug/L	0.00
24) Chloroform-d	4.342	84	37400	0.952	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	18089	0.973	ug/L	0.00
32) Benzene-d6	5.047	84	79290	0.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	24636	0.932	ug/L	0.00
41) Toluene-d8	7.310	98	72138	0.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	8526	0.968	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	14335	9.318	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	12866	0.979	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	23725	1.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	24213	0.998	ug/L	98
3) Chloromethane	1.236	50	34142	1.024	ug/L	100
5) Vinyl chloride	1.307	62	31936	0.998	ug/L	97
6) Bromomethane	1.519	94	17944	1.014	ug/L	97
8) Chloroethane	1.581	64	19275	1.005	ug/L	96
9) Trichlorofluoromethane	1.748	101	36268	0.992	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	20989	0.969	ug/L	97
12) 1,1-Dichloroethene	2.114	96	21398	0.998	ug/L	95
13) Acetone	2.188	43	34269	10.097	ug/L	99
14) Carbon disulfide	2.291	76	59550	0.984	ug/L	98
15) Methyl Acetate	2.439	43	8724	0.991	ug/L	91
16) Methylene chloride	2.503	84	38459	1.139	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	47792	1.015	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	21698	0.996	ug/L	94
19) 1,1-Dichloroethane	3.185	63	44166	1.006	ug/L	99
21) 2-Butanone	3.998	43	43317	8.063	ug/L	78
22) cis-1,2-Dichloroethene	3.908	96	24367	1.025	ug/L	96
23) Bromochloromethane	4.249	128	8926	1.005	ug/L	98
25) Chloroform	4.375	83	40948	0.980	ug/L	99
27) 1,2-Dichloroethane	5.130	62	22863	0.999	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	34185	1.006	ug/L	99
30) Cyclohexane	4.670	56	40842	0.994	ug/L	100
31) Carbon tetrachloride	4.822	117	26691	0.985	ug/L	99
33) Benzene	5.098	78	94415	1.010	ug/L	100
34) Trichloroethene	5.912	95	24271	0.987	ug/L	99
35) Methylcyclohexane	6.127	83	38764	0.975	ug/L	98
37) 1,2-Dichloropropane	6.172	63	23985	0.990	ug/L	98
38) Bromodichloromethane	6.506	83	25686	0.947	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	31774	1.013	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	122052	9.974	ug/L	98
42) Toluene	7.384	91	95839	0.997	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	23667	0.979	ug/L	95

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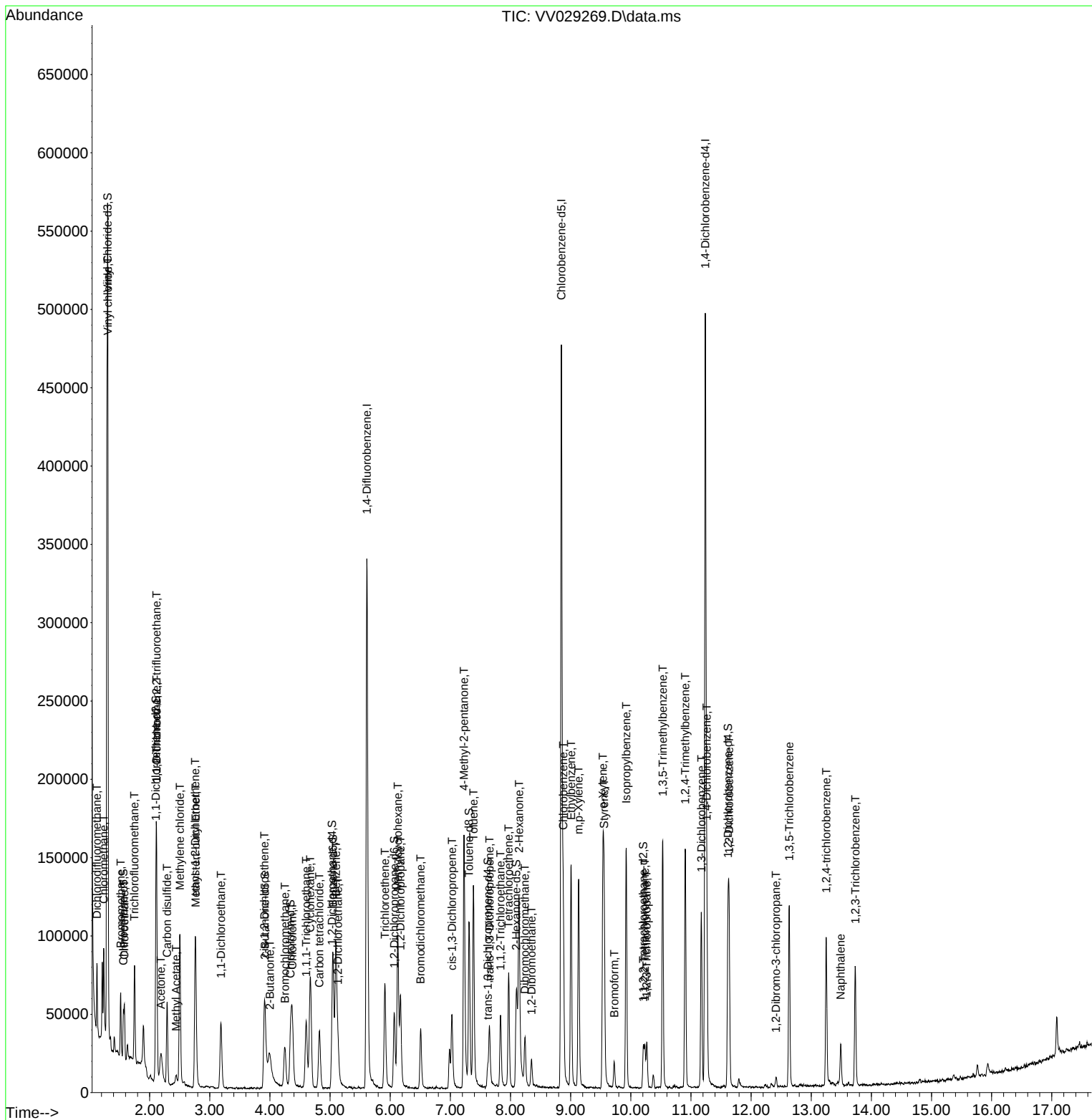
Quant Time: Nov 23 01:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
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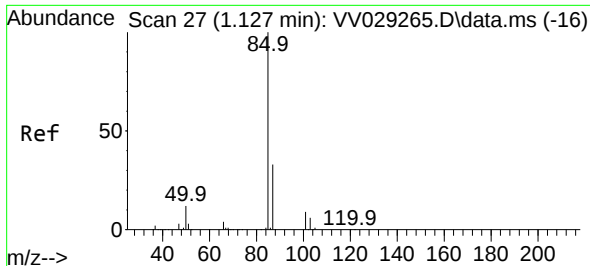
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	14141	0.983	ug/L	97
47) Tetrachloroethene	7.969	164	16236	1.005	ug/L	97
48) 2-Hexanone	8.143	43	94729	10.066	ug/L	99
49) Dibromochloromethane	8.239	129	14269	0.949	ug/L	98
50) 1,2-Dibromoethane	8.349	107	12353	1.015	ug/L	97
51) Chlorobenzene	8.876	112	58880	1.008	ug/L	99
52) Ethylbenzene	9.008	91	100689	0.974	ug/L	99
53) m,p-Xylene	9.133	106	35994	0.937	ug/L	98
54) o-Xylene	9.535	106	35420	0.943	ug/L	97
55) Styrene	9.558	104	60843	0.947	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	12997	1.011	ug/L	98
59) Bromoform	9.725	173	6664	0.951	ug/L	97
60) Isopropylbenzene	9.924	105	97224	1.009	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	12173	1.065	ug/L	95
62) 1,3,5-Trimethylbenzene	10.532	105	82159	1.004	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	80992	0.995	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	43496	1.031	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	42183	1.021	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	40314	1.055	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.416	75	2178	1.269	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	33688	1.026	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	26411	1.036	ug/L	99
71) Naphthalene	13.490	128	20974	2.329	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	21418	1.044	ug/L	99

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

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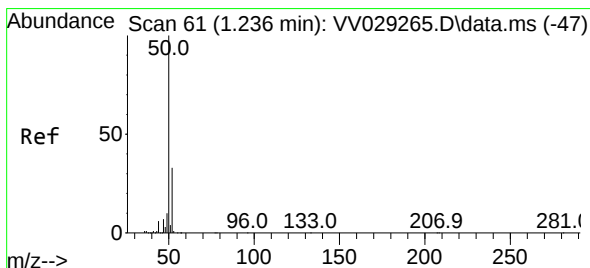
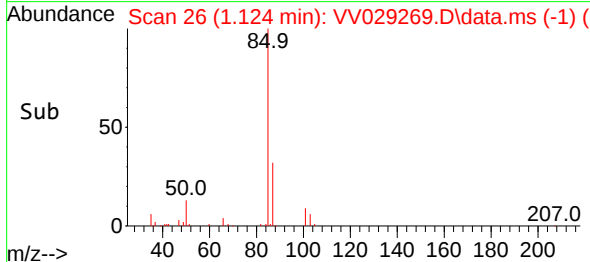
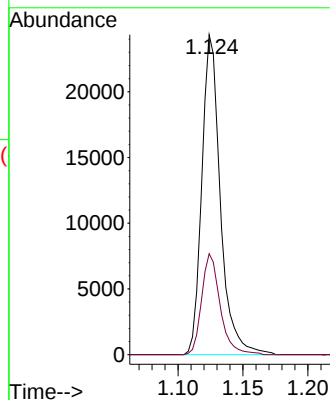
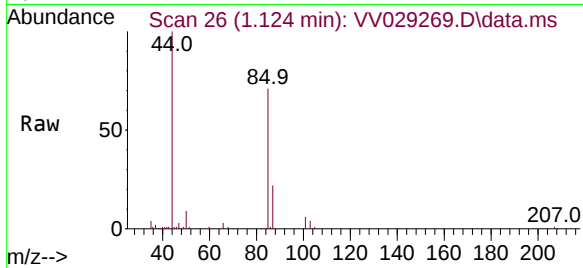




#2
 Dichlorodifluoromethane
 Concen: 0.998 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

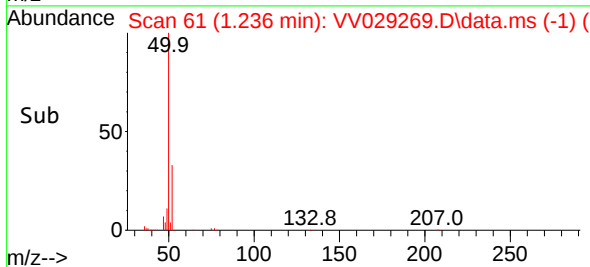
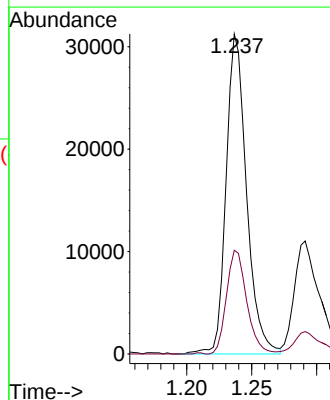
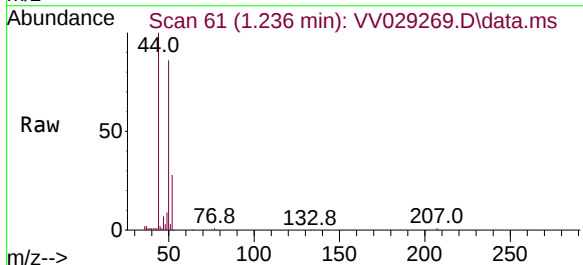
Instrument :
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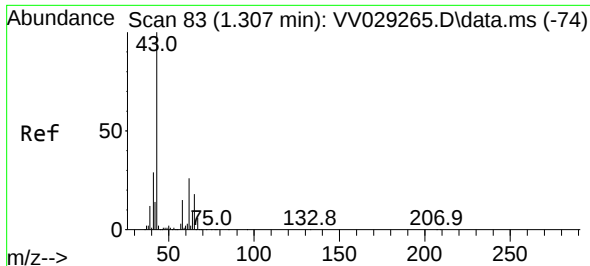
Tgt Ion: 85 Resp: 24213
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.3 39.5



#3
 Chloromethane
 Concen: 1.024 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

Tgt Ion: 50 Resp: 34142
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.8 42.4

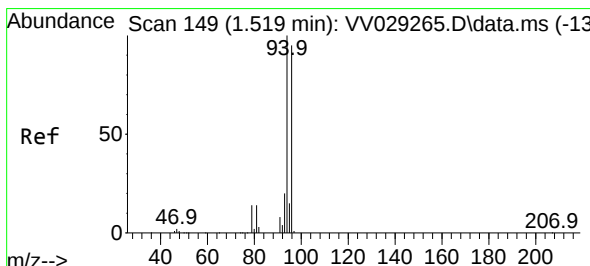
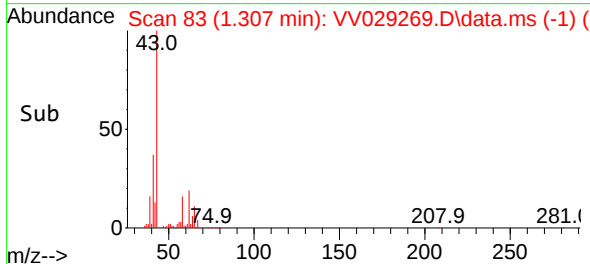
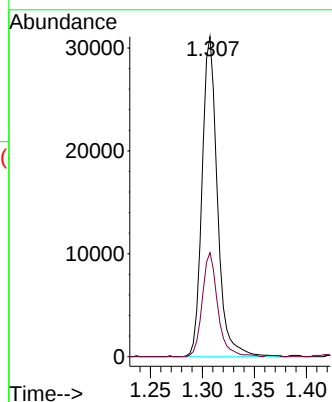
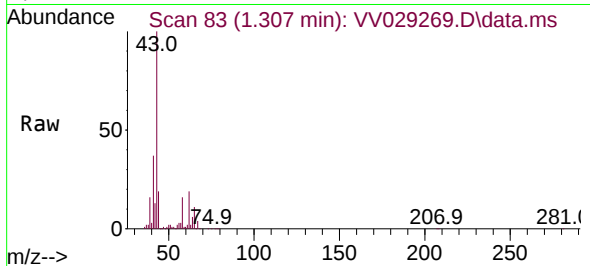




#5
 Vinyl chloride
 Concen: 0.998 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

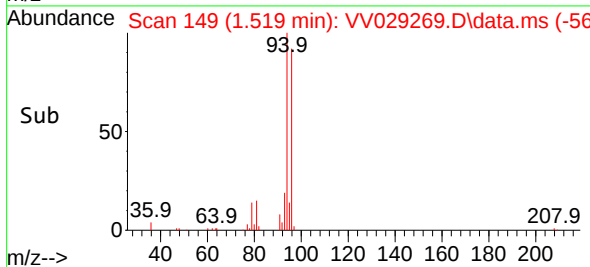
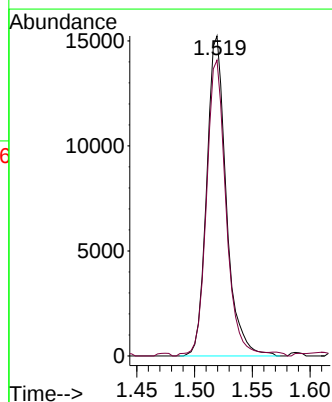
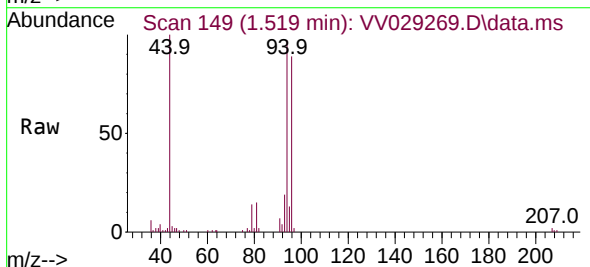
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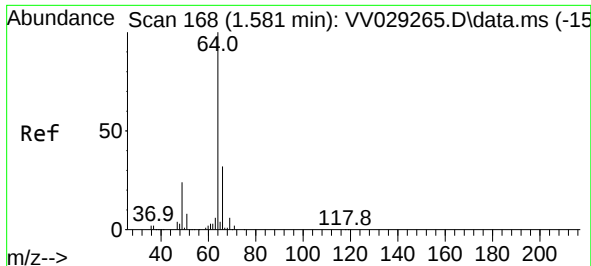
Tgt Ion: 62 Resp: 31936
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.8 44.2



#6
 Bromomethane
 Concen: 1.014 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

Tgt Ion: 94 Resp: 17944
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.8 124.2

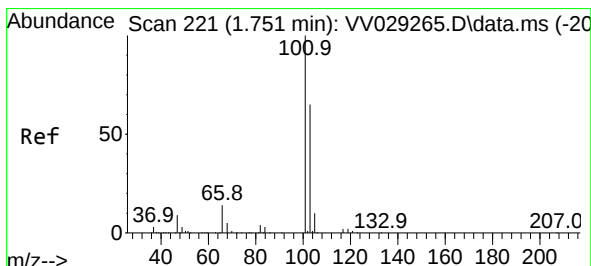
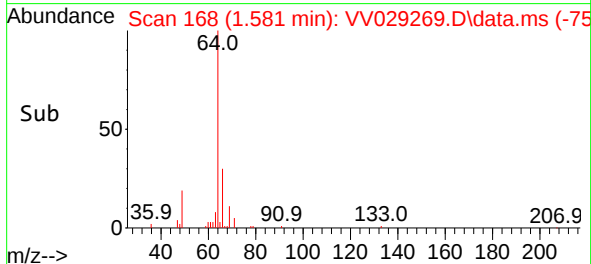
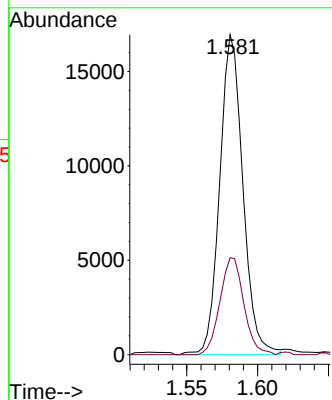
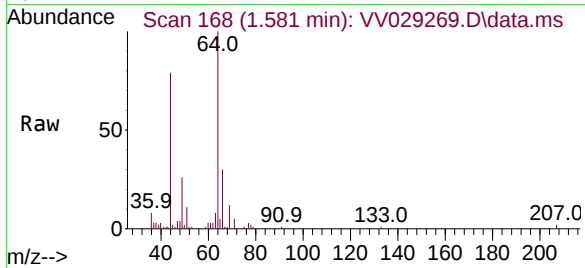




#8
Chloroethane
Concen: 1.005 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

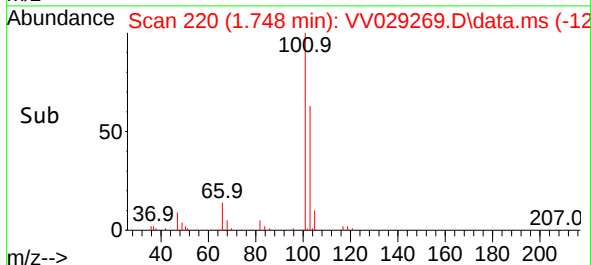
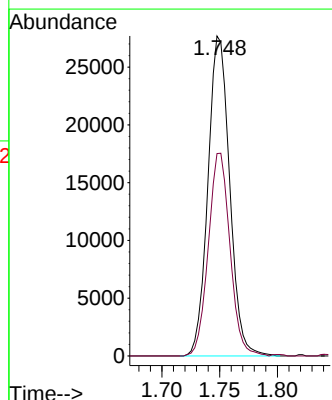
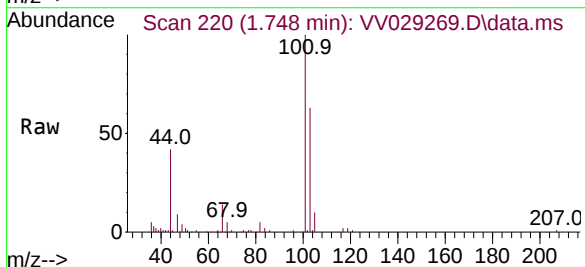
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ClientSampleId :

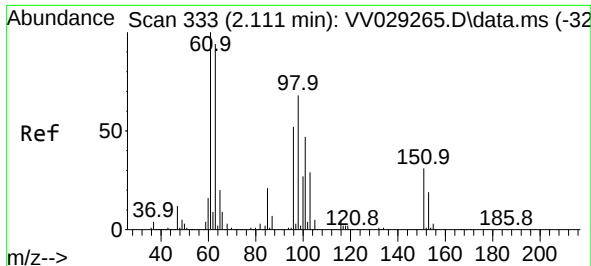
Tgt Ion: 64 Resp: 19275
Ion Ratio Lower Upper
64 100
66 30.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.992 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion:101 Resp: 36268
Ion Ratio Lower Upper
101 100
103 63.1 51.7 77.5

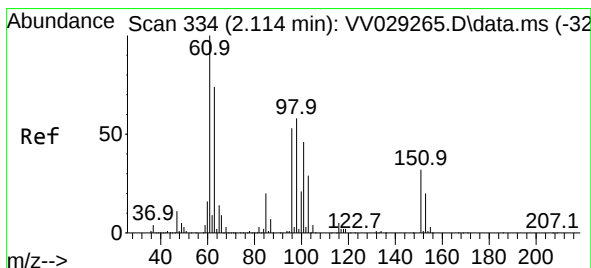
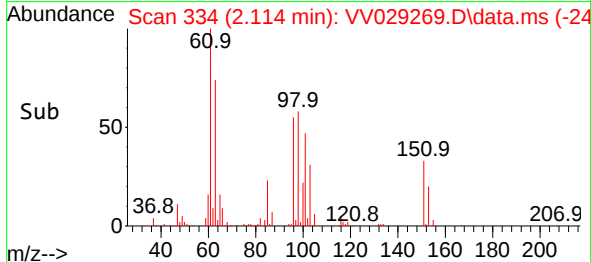
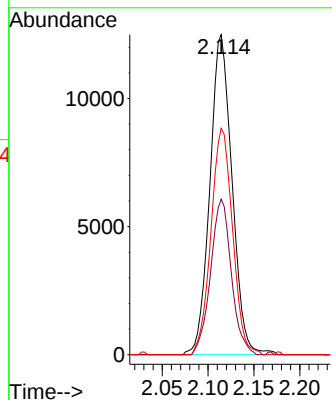
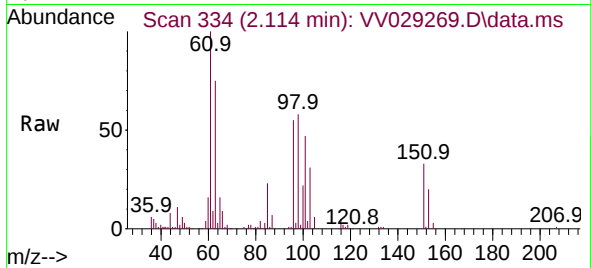




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.969 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

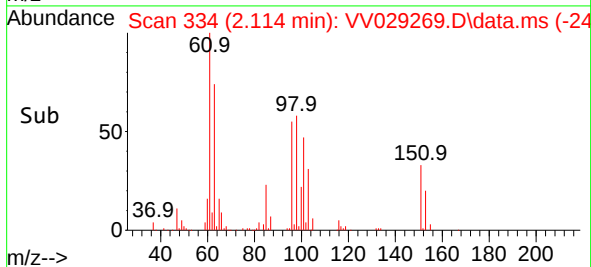
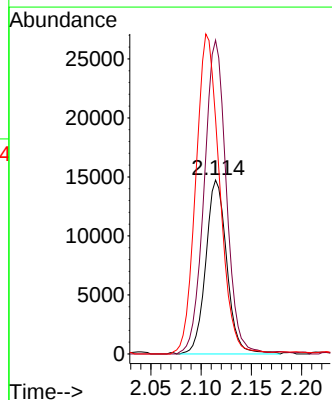
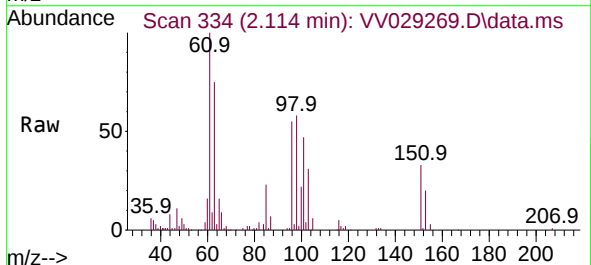
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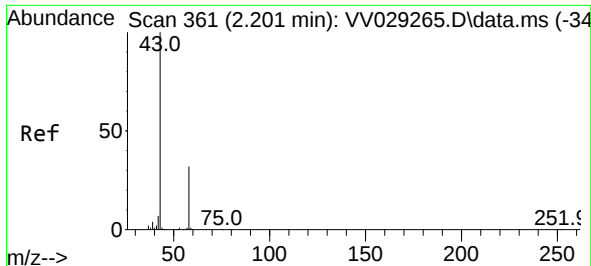
Tgt Ion:101 Resp: 20989
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.7 52.1
 151 69.0 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 0.998 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

Tgt Ion: 96 Resp: 21398
 Ion Ratio Lower Upper
 96 100
 61 180.3 131.9 245.0
 63 135.1 98.6 183.0

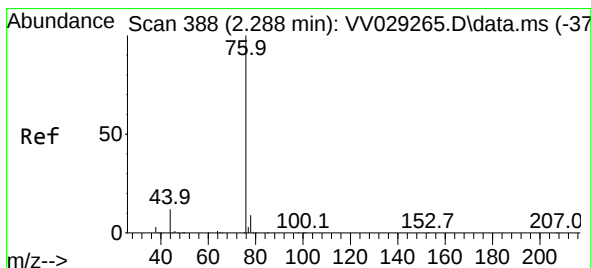
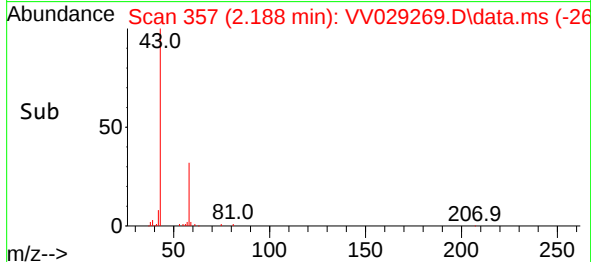
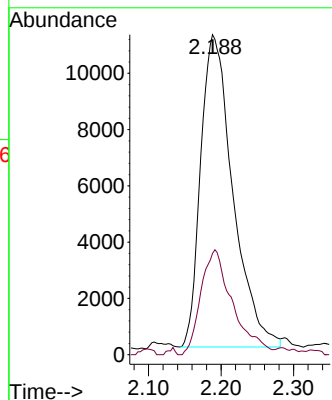
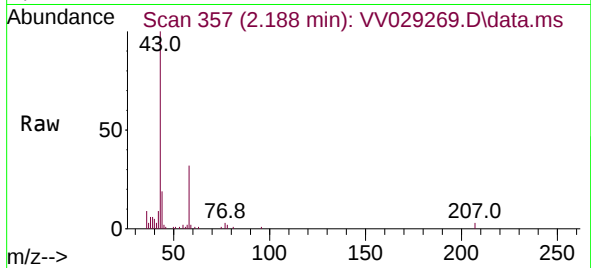




#13
Acetone
Concen: 10.097 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

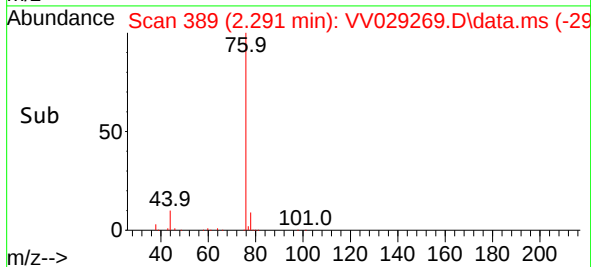
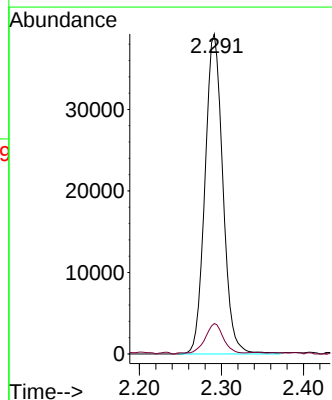
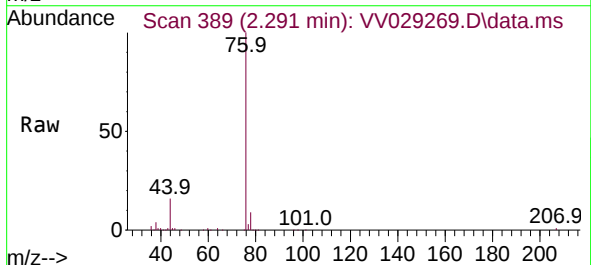
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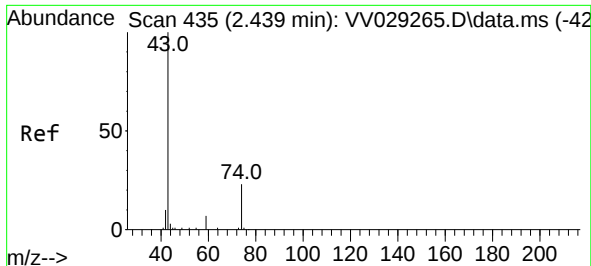
Tgt Ion: 43 Resp: 34269
Ion Ratio Lower Upper
43 100
58 33.3 0.0 65.2



#14
Carbon disulfide
Concen: 0.984 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion: 76 Resp: 59550
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

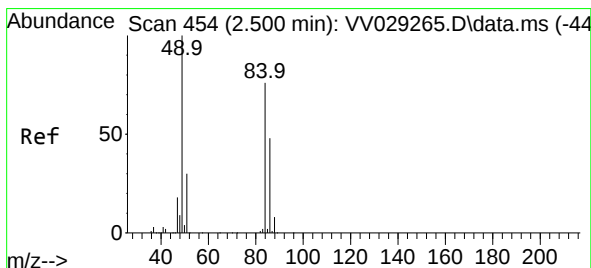
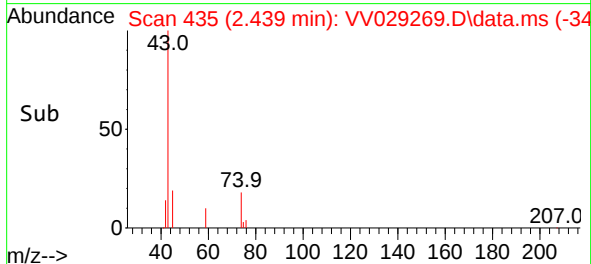
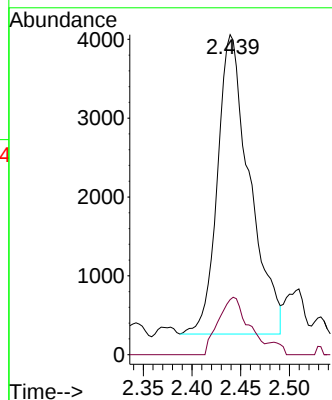
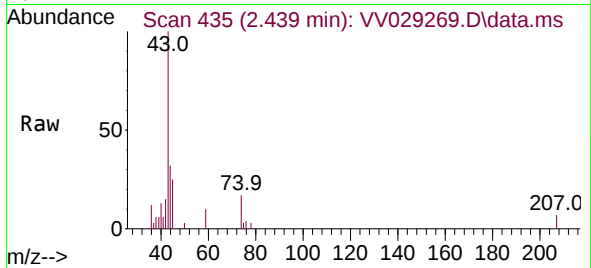




#15
Methyl Acetate
Concen: 0.991 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

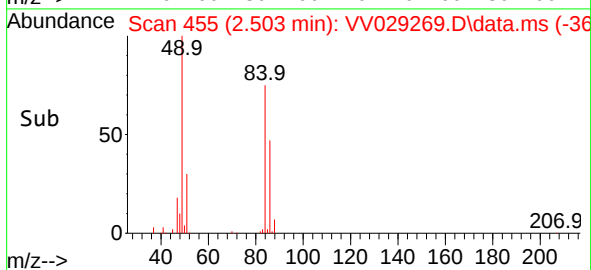
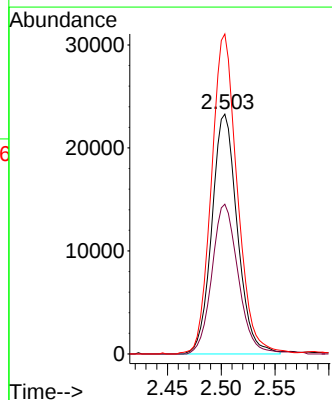
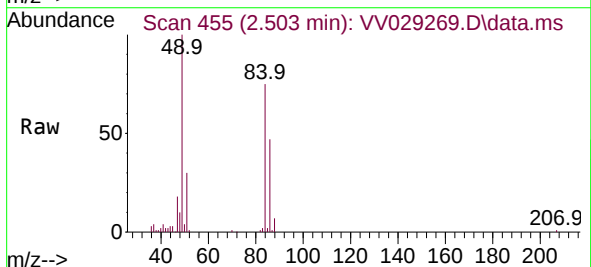
Instrument :
MSVOA_V
ClientSampleId :

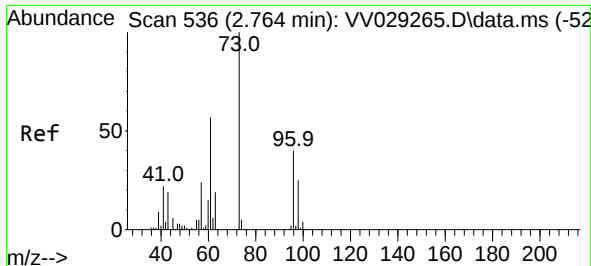
Tgt Ion: 43 Resp: 8724
Ion Ratio Lower Upper
43 100
74 18.1 18.0 27.0



#16
Methylene chloride
Concen: 1.139 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion: 84 Resp: 38459
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.2
49 133.4 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 1.015 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

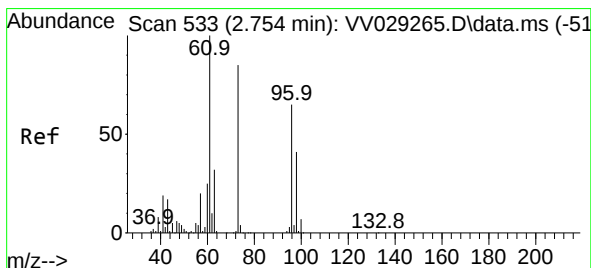
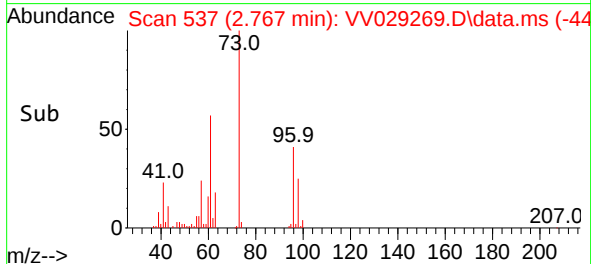
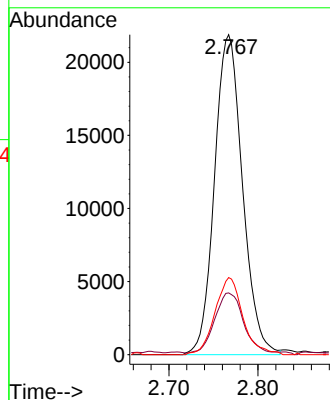
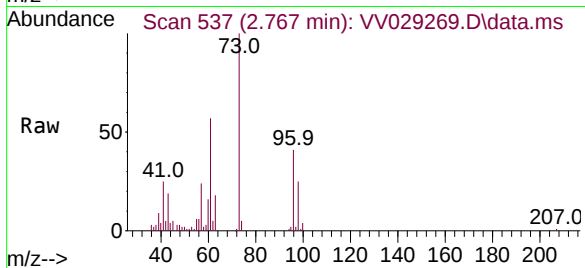
Tgt Ion: 73 Resp: 47792

Ion Ratio Lower Upper

73 100

43 19.1 15.4 23.2

57 23.9 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 0.996 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

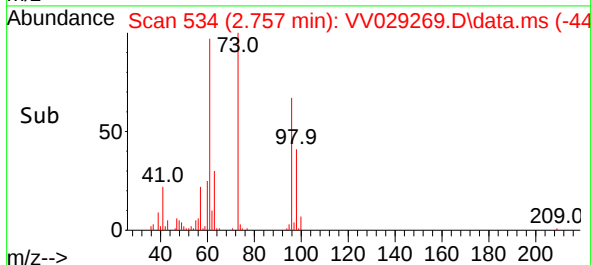
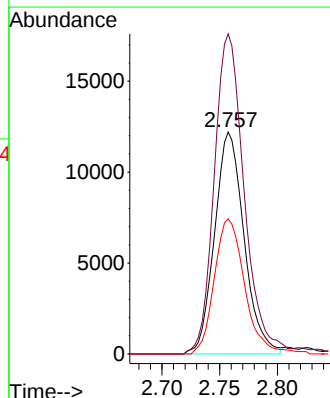
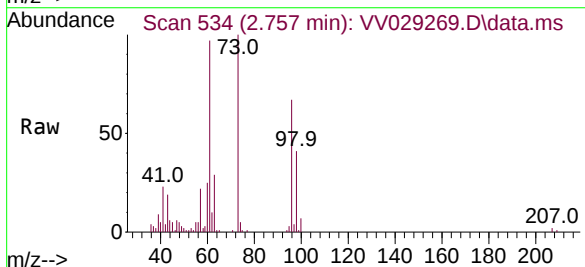
Tgt Ion: 96 Resp: 21698

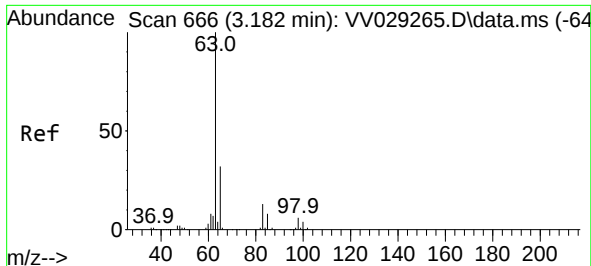
Ion Ratio Lower Upper

96 100

61 144.2 107.6 199.8

98 60.9 44.3 82.3





#19

1,1-Dichloroethane

Concen: 1.006 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

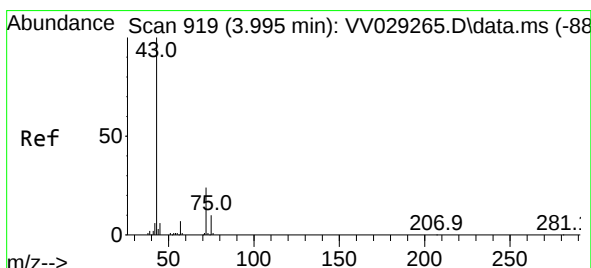
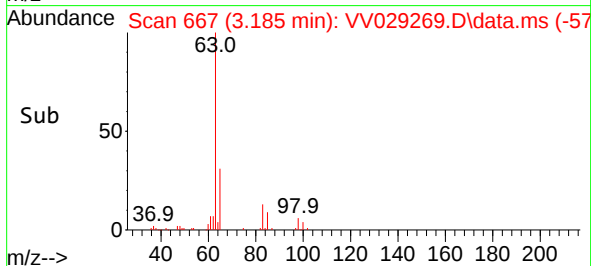
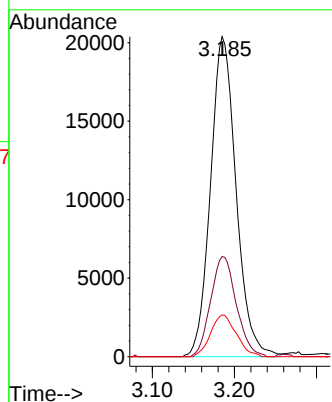
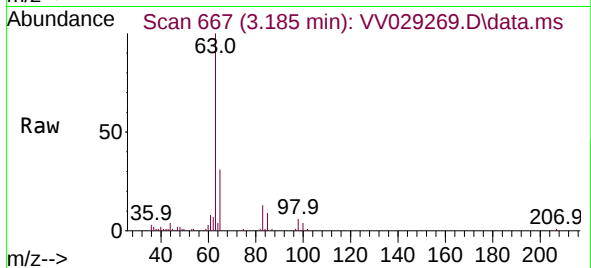
Tgt Ion: 63 Resp: 44166

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 13.1 9.0 16.8



#21

2-Butanone

Concen: 8.063 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.003 min

Lab File: VV029269.D

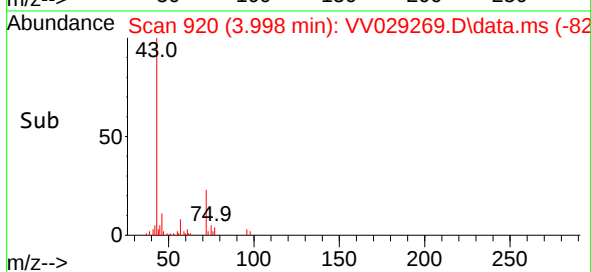
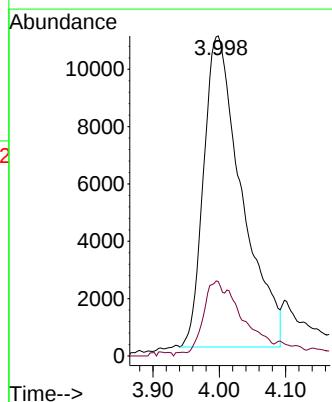
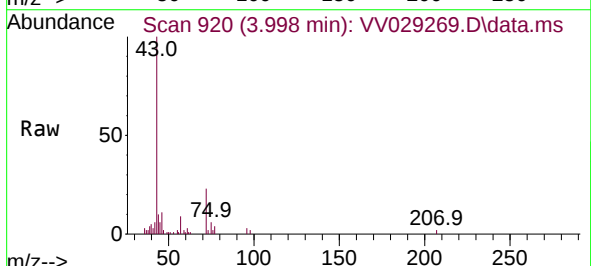
Acq: 22 Nov 2022 17:46

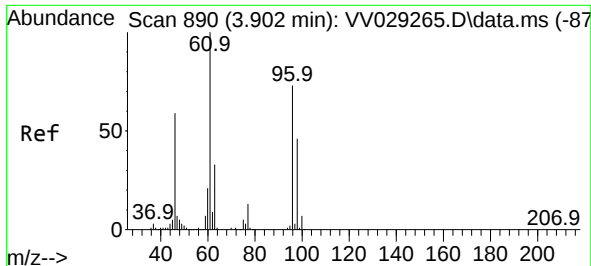
Tgt Ion: 43 Resp: 43317

Ion Ratio Lower Upper

43 100

72 11.8 11.3 33.8





#22

cis-1,2-Dichloroethene

Concen: 1.025 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.006 min

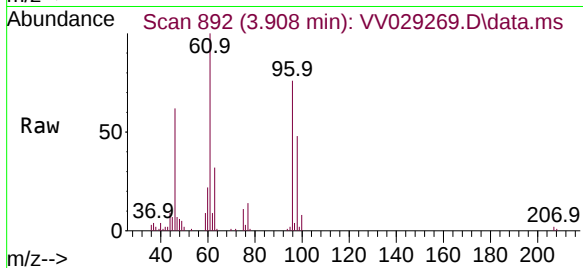
Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :



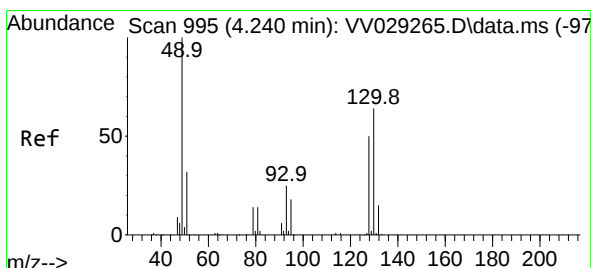
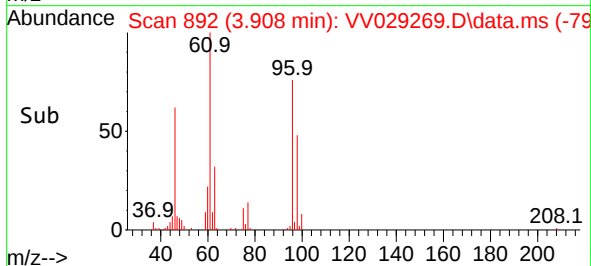
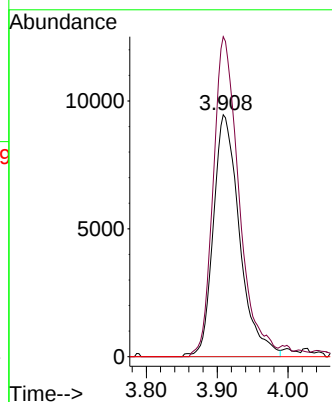
Tgt Ion: 96 Resp: 24367

Ion Ratio Lower Upper

96 100

61 132.3 95.8 178.0

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 1.005 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.010 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Tgt Ion: 128 Resp: 8926

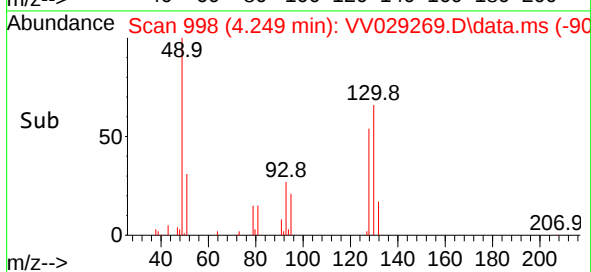
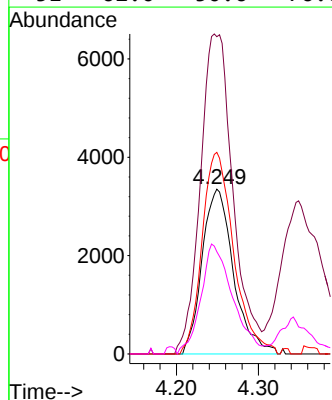
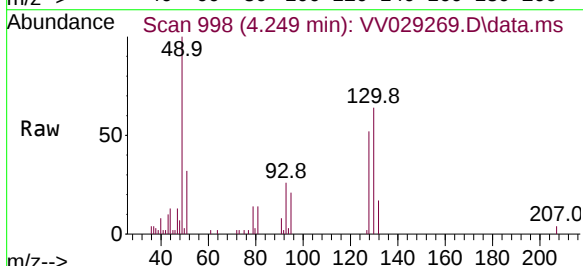
Ion Ratio Lower Upper

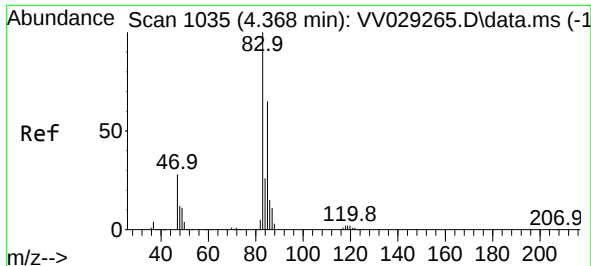
128 100

49 198.4 139.9 259.9

130 122.4 89.9 166.9

51 62.0 50.6 76.0





#25

Chloroform

Concen: 0.980 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

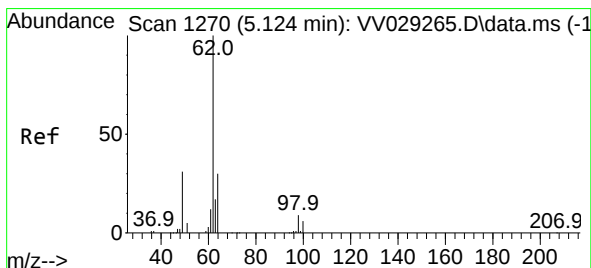
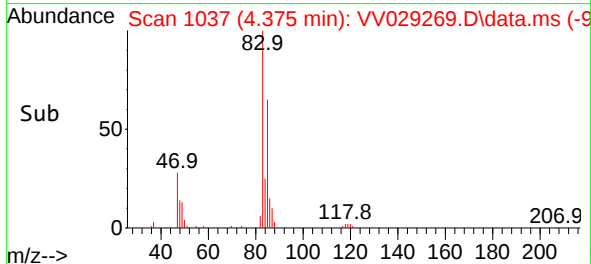
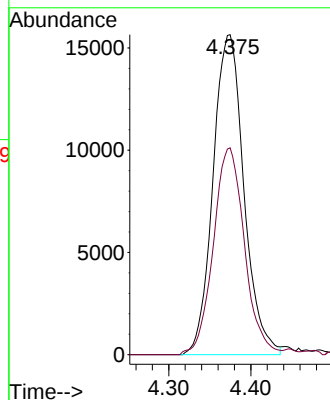
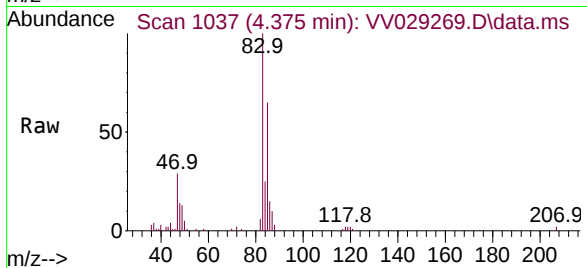
ClientSampleId :

Tgt Ion: 83 Resp: 40948

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.999 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV029269.D

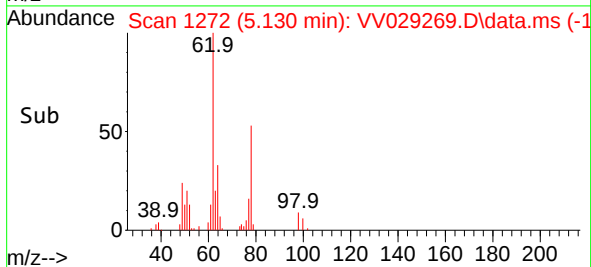
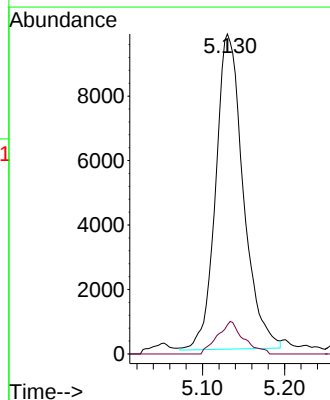
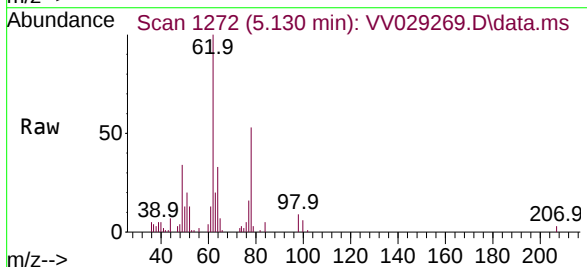
Acq: 22 Nov 2022 17:46

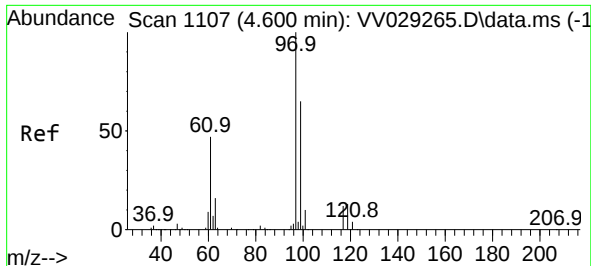
Tgt Ion: 62 Resp: 22863

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 1.006 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

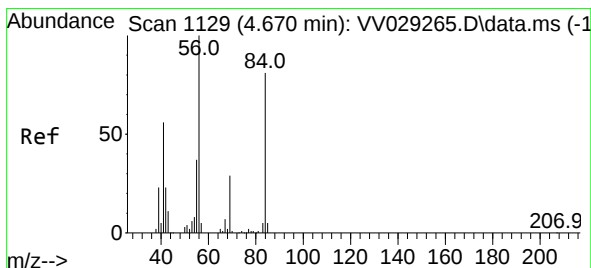
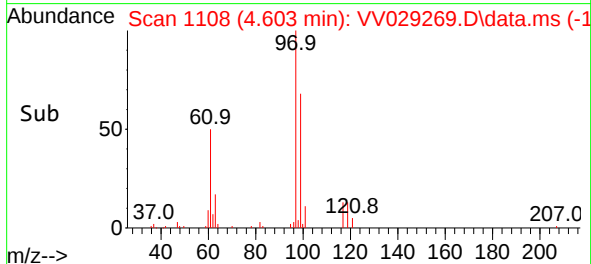
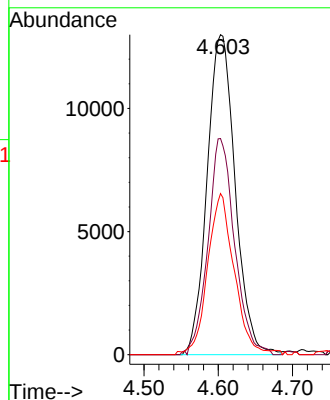
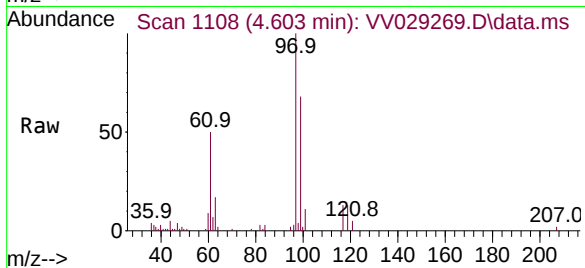
Tgt Ion: 97 Resp: 34185

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 47.3 39.0 58.4



#30

Cyclohexane

Concen: 0.994 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

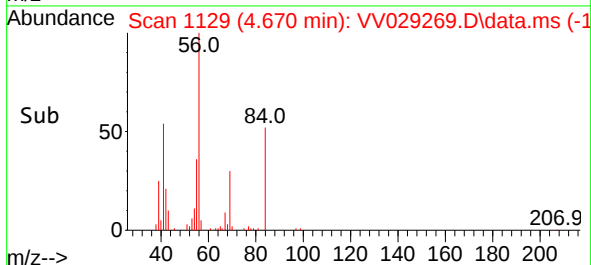
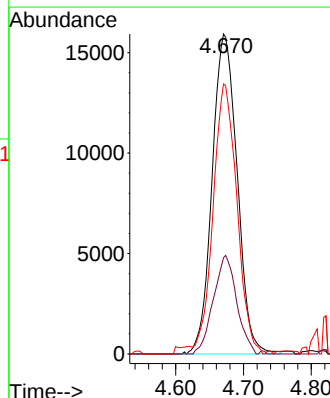
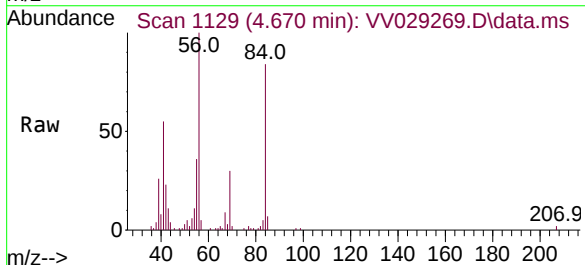
Tgt Ion: 56 Resp: 40842

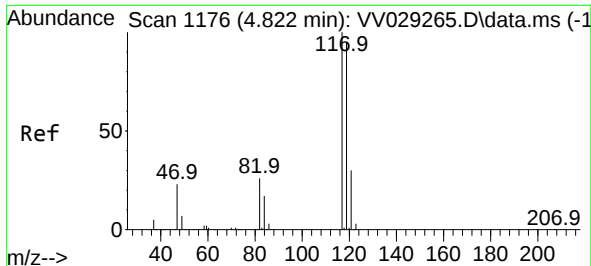
Ion Ratio Lower Upper

56 100

69 28.7 23.4 35.0

84 80.9 64.6 97.0

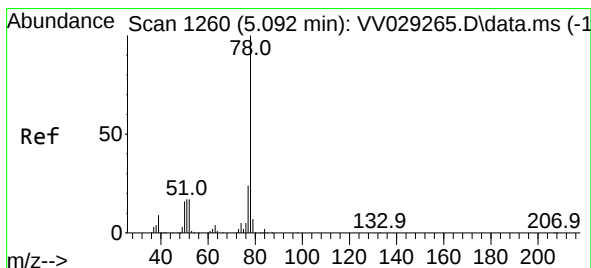
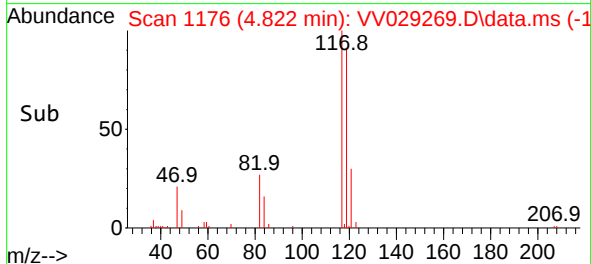
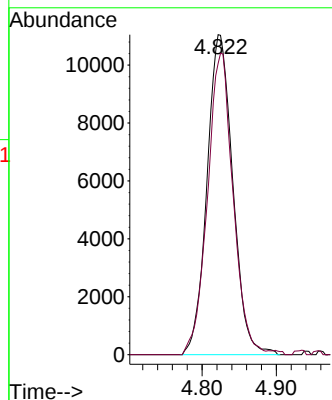
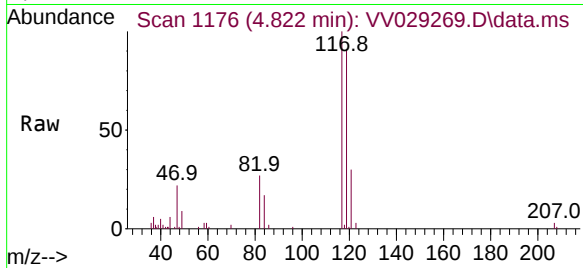




#31
Carbon tetrachloride
Concen: 0.985 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

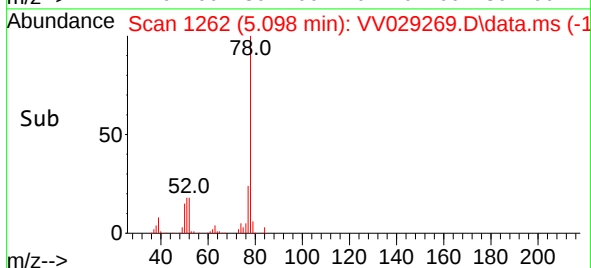
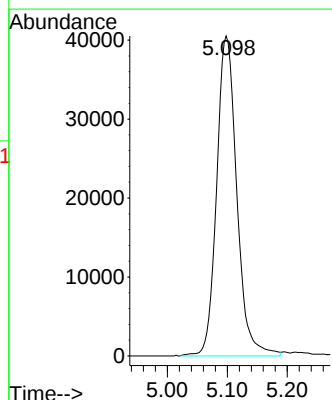
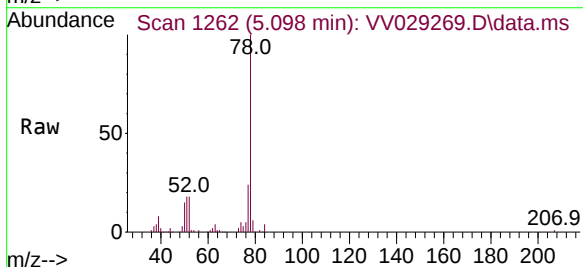
Instrument :
MSVOA_V
ClientSampleId :

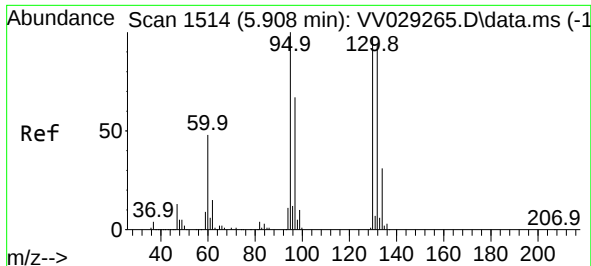
Tgt Ion:117 Resp: 26691
Ion Ratio Lower Upper
117 100
119 93.2 75.1 112.7



#33
Benzene
Concen: 1.010 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion: 78 Resp: 94415

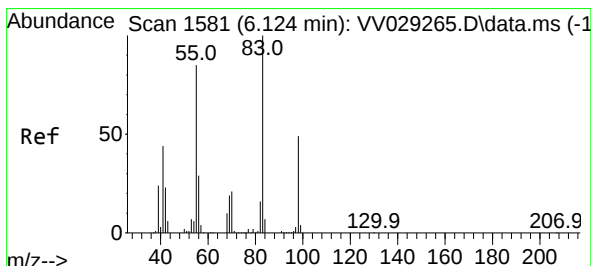
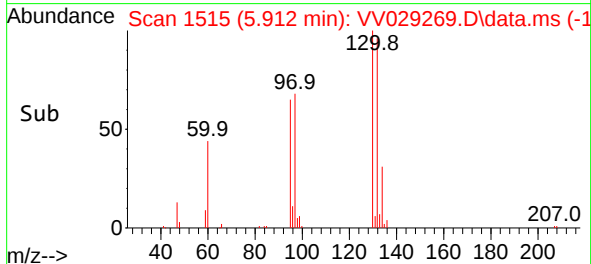
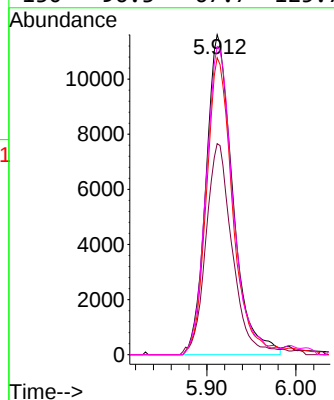
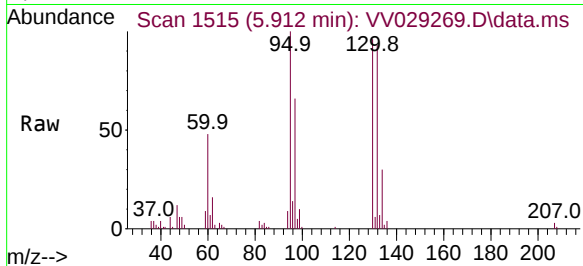




#34
Trichloroethene
Concen: 0.987 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

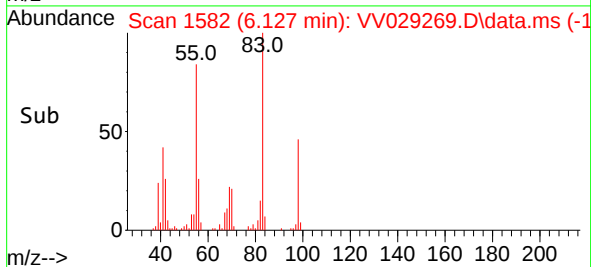
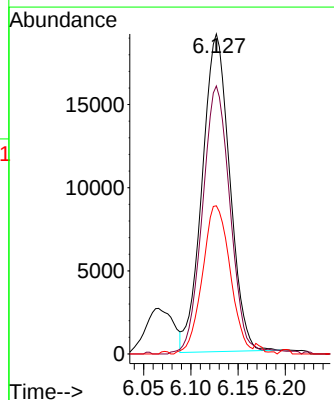
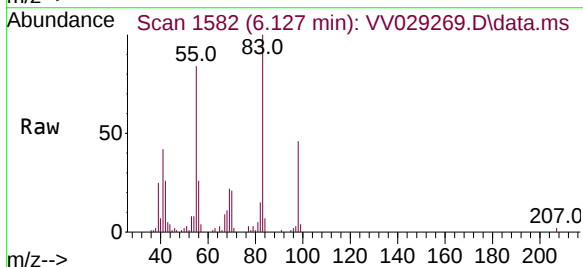
Instrument :
MSVOA_V
ClientSampleId :

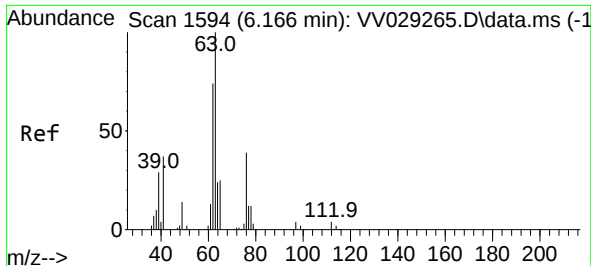
Tgt Ion:	95	Resp:	24271
Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.7	86.7
132	92.8	65.7	122.1
130	96.3	67.7	125.7



#35
Methylcyclohexane
Concen: 0.975 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion:	83	Resp:	38764
Ion	Ratio	Lower	Upper
83	100		
55	84.4	65.7	98.5
98	46.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 0.990 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

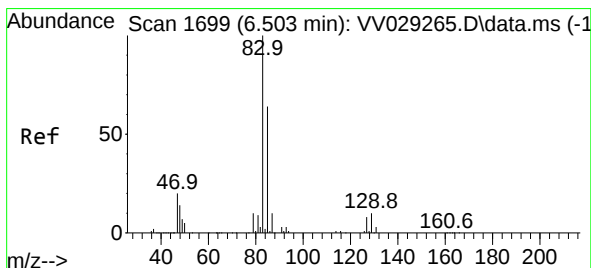
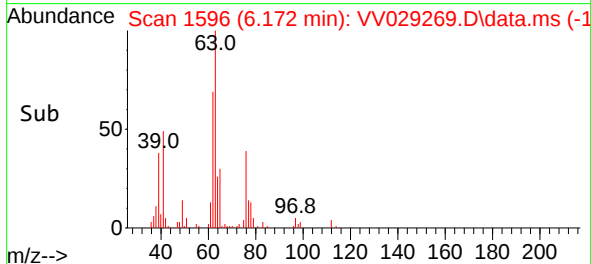
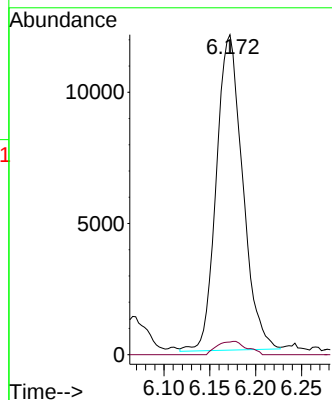
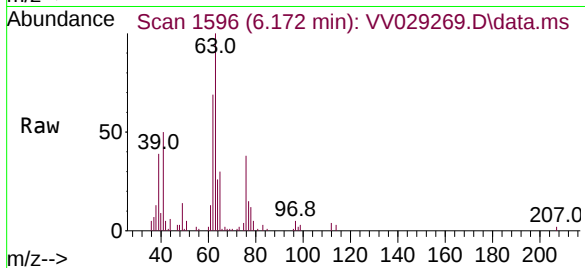
ClientSampleId :

Tgt Ion: 63 Resp: 23985

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 0.947 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

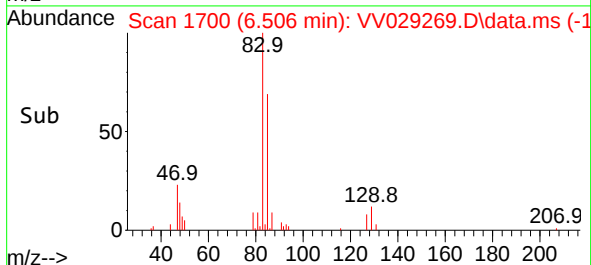
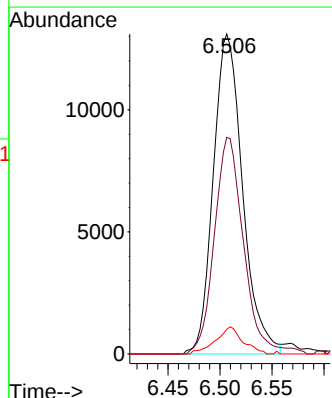
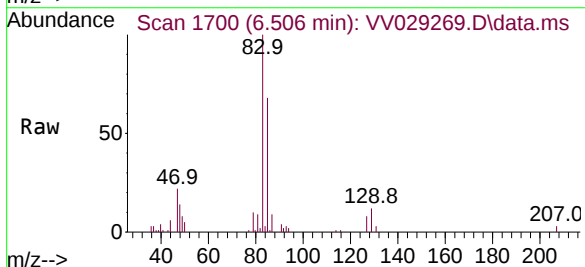
Tgt Ion: 83 Resp: 25686

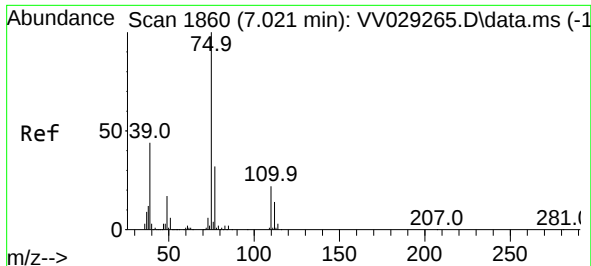
Ion Ratio Lower Upper

83 100

85 67.7 45.1 83.7

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 1.013 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

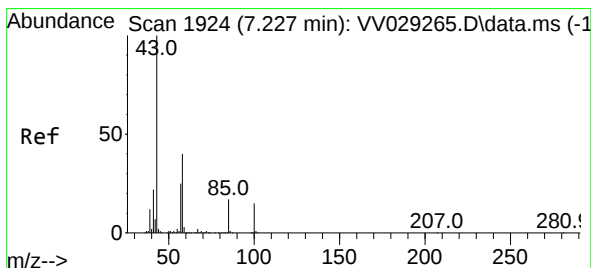
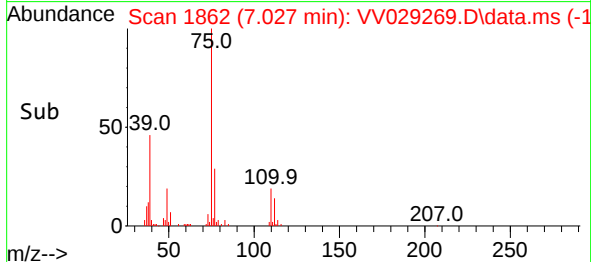
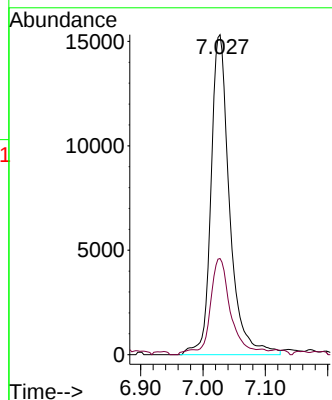
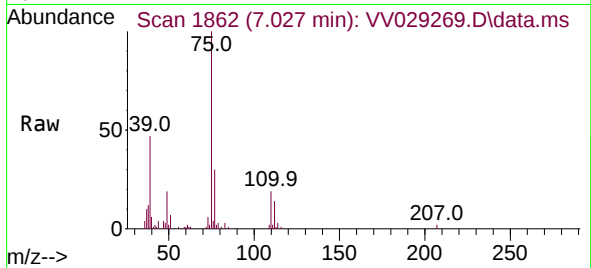
ClientSampleId :

Tgt Ion: 75 Resp: 31774

Ion Ratio Lower Upper

75 100

77 30.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 9.974 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

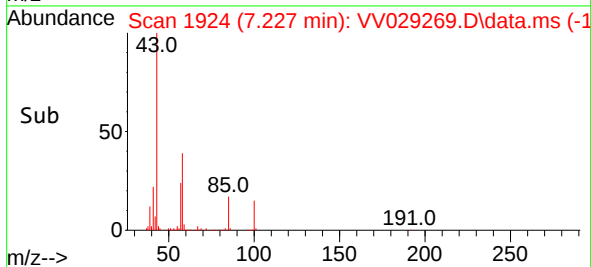
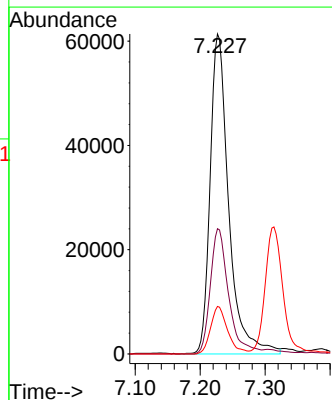
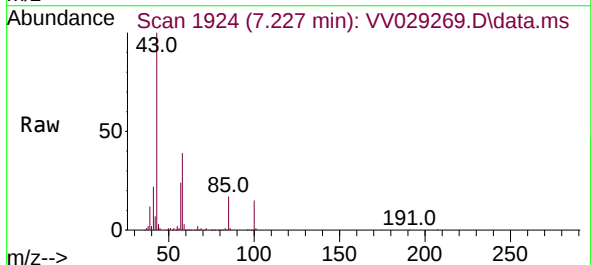
Tgt Ion: 43 Resp: 122052

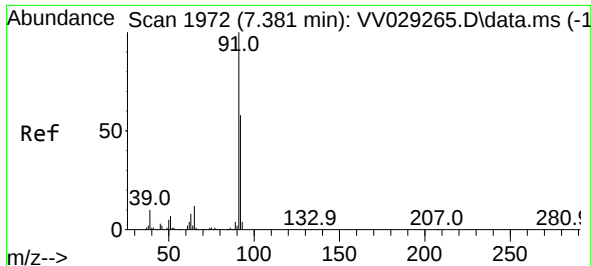
Ion Ratio Lower Upper

43 100

58 38.4 31.8 47.8

100 13.7 11.0 16.6





#42

Toluene

Concen: 0.997 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

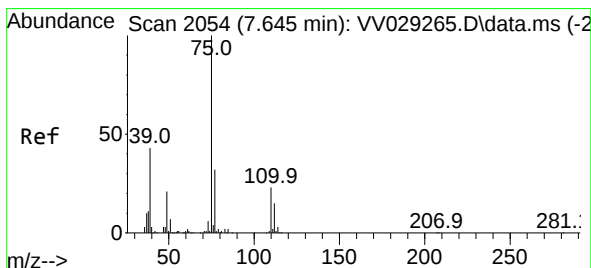
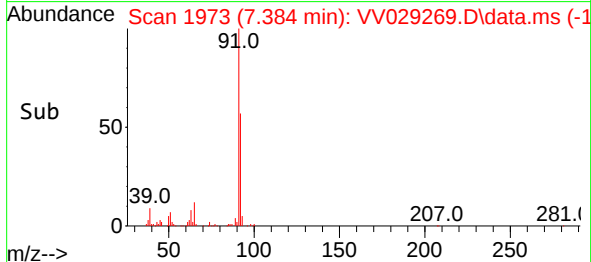
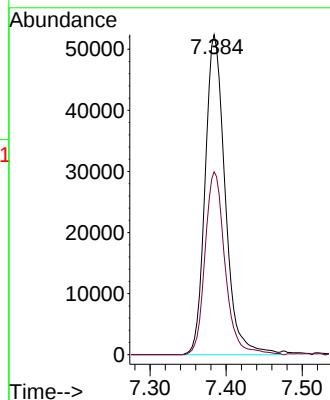
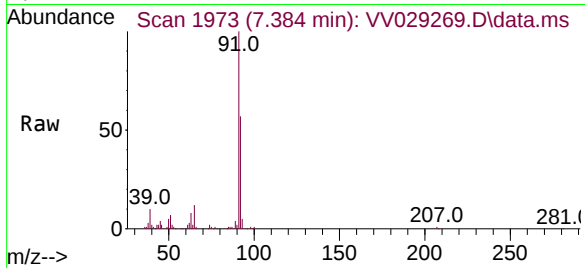
ClientSampleId :

Tgt Ion: 91 Resp: 95839

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV029269.D

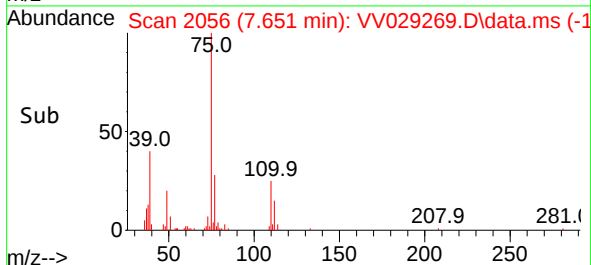
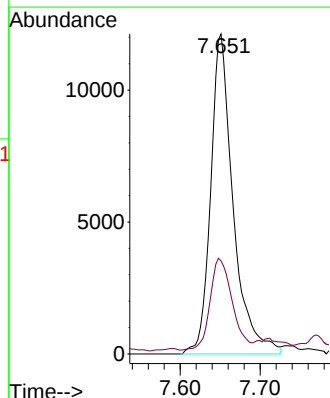
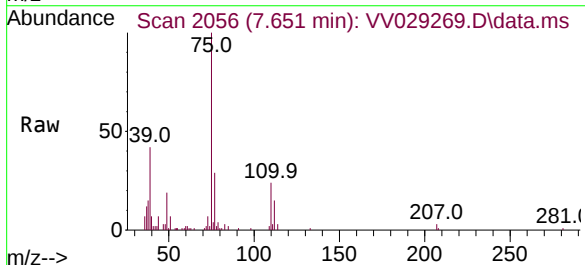
Acq: 22 Nov 2022 17:46

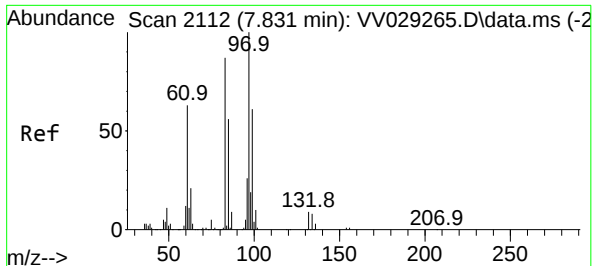
Tgt Ion: 75 Resp: 23667

Ion Ratio Lower Upper

75 100

77 29.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.983 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

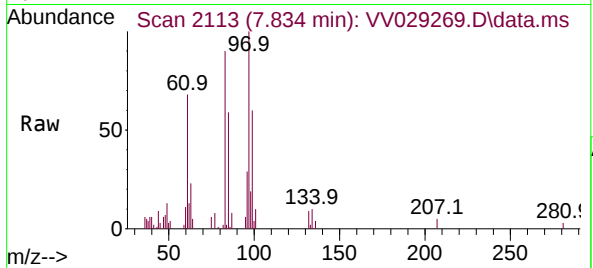
Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 14141

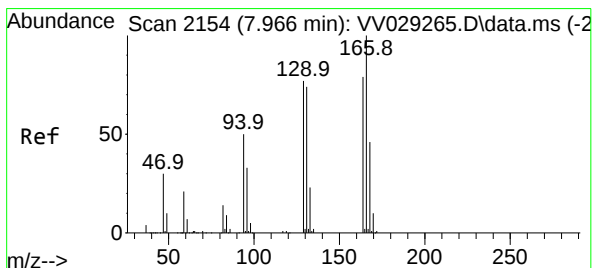
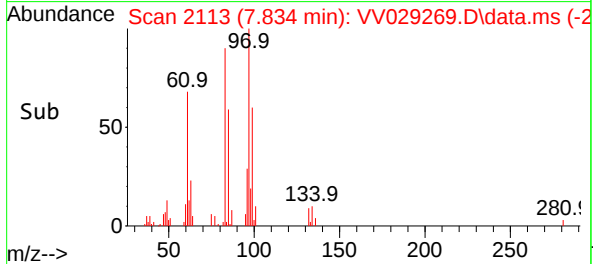
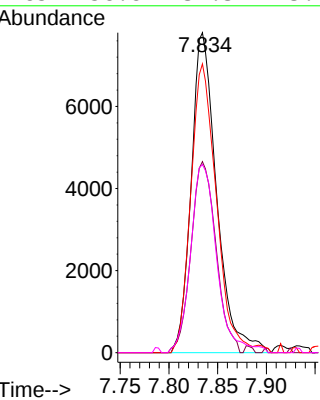
Ion Ratio Lower Upper

97 100

99 59.7 42.8 79.6

83 90.2 61.4 114.0

85 58.8 39.3 73.1



#47

Tetrachloroethene

Concen: 1.005 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Tgt Ion: 164 Resp: 16236

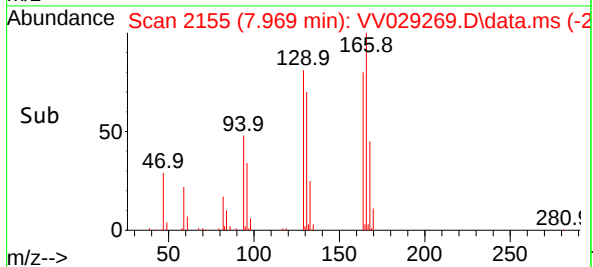
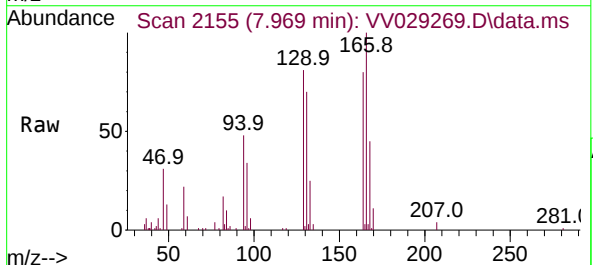
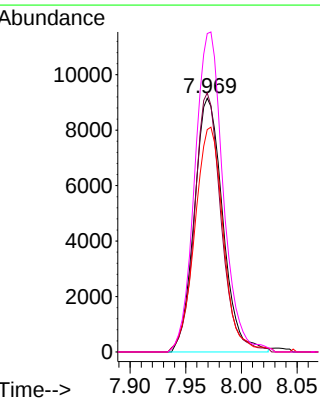
Ion Ratio Lower Upper

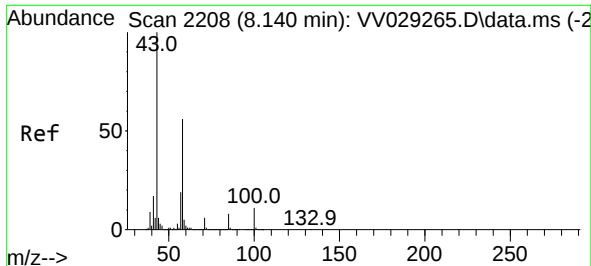
164 100

129 102.1 68.3 126.8

131 87.6 65.2 121.0

166 125.5 88.1 163.7



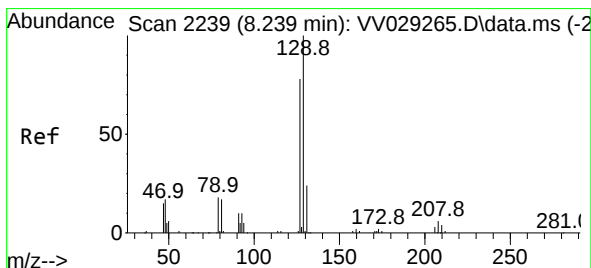
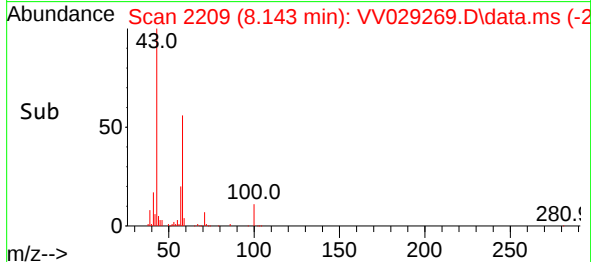
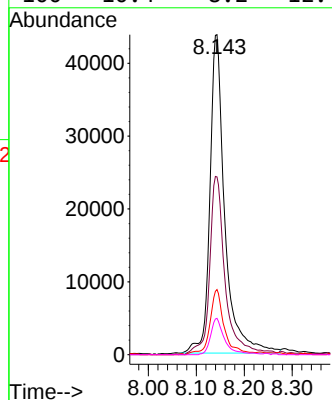
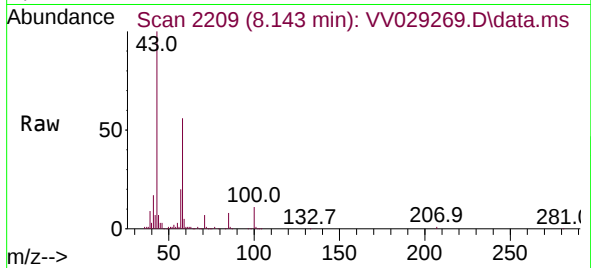


#48
2-Hexanone
Concen: 10.066 ug/L
RT: 8.143 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 94729

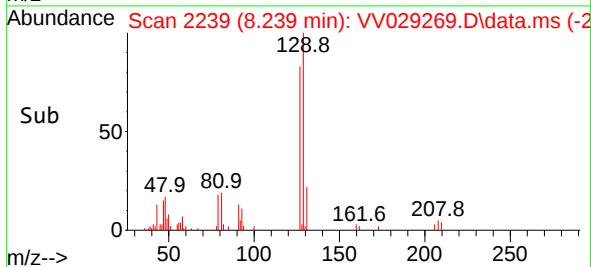
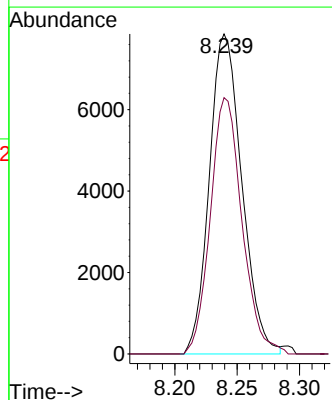
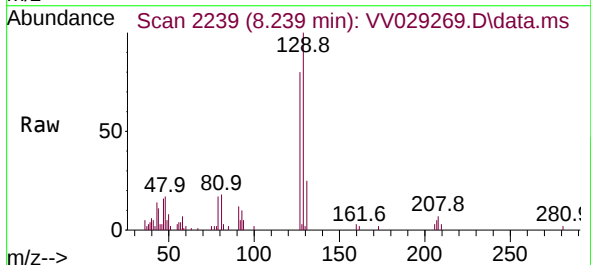
Ion	Ratio	Lower	Upper
43	100		
58	57.7	45.3	67.9
57	19.8	15.4	23.2
100	10.4	8.2	12.4

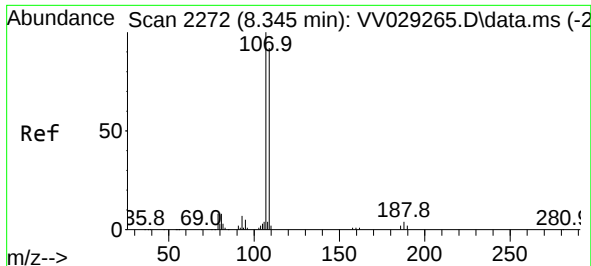


#49
Dibromochloromethane
Concen: 0.949 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion: 129 Resp: 14269

Ion	Ratio	Lower	Upper
129	100		
127	80.1	54.7	101.5





#50

1,2-Dibromoethane

Concen: 1.015 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

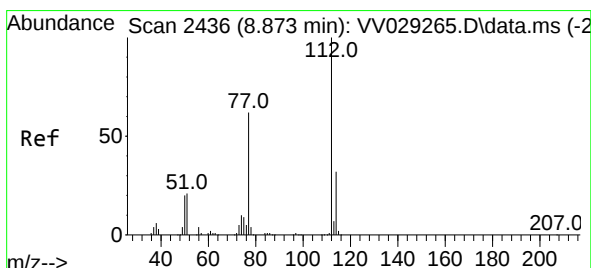
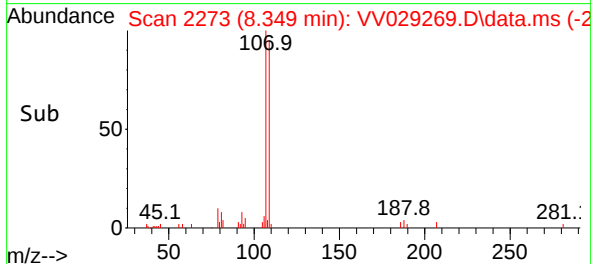
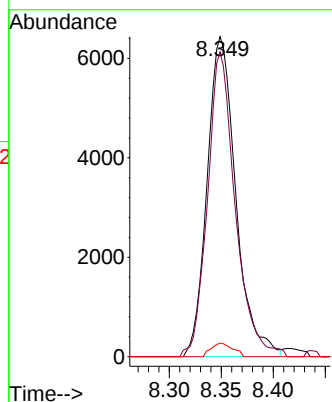
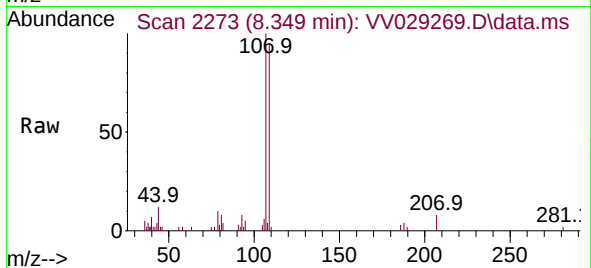
Tgt Ion:107 Resp: 12353

Ion Ratio Lower Upper

107 100

109 95.2 64.3 119.3

188 4.2 3.0 4.6



#51

Chlorobenzene

Concen: 1.008 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

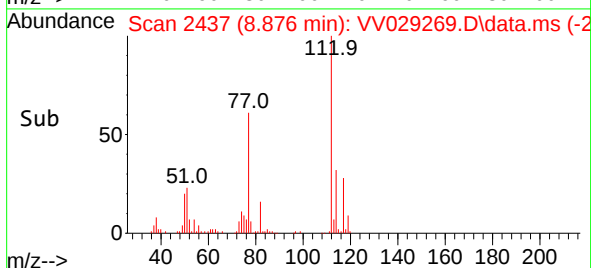
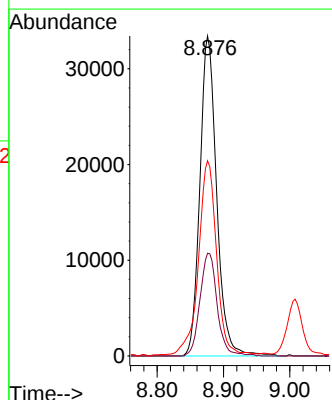
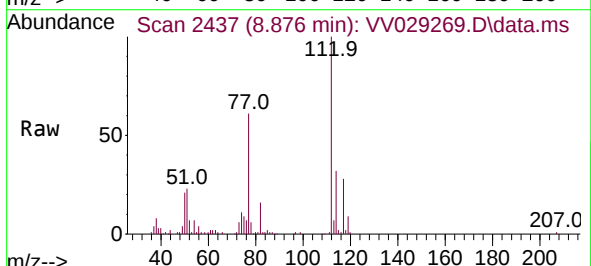
Tgt Ion:112 Resp: 58880

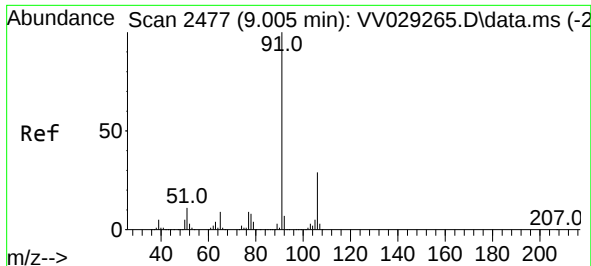
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 61.0 49.8 74.6





#52

Ethylbenzene

Concen: 0.974 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

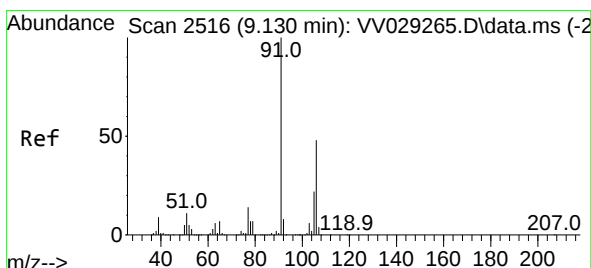
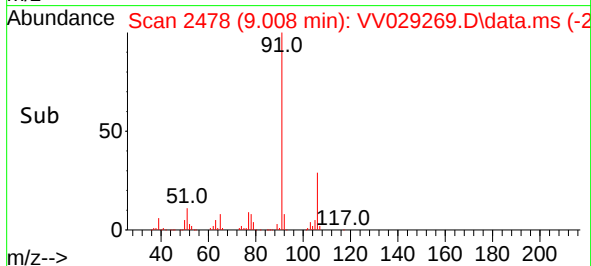
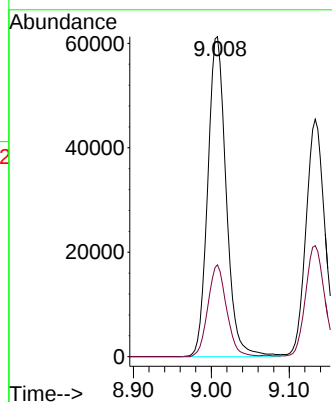
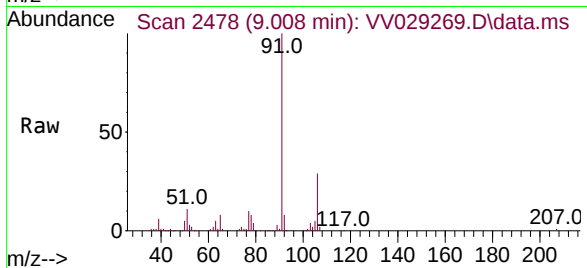
ClientSampleId :

Tgt Ion: 91 Resp: 100689

Ion Ratio Lower Upper

91 100

106 28.7 20.6 38.4



#53

m,p-Xylene

Concen: 0.937 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029269.D

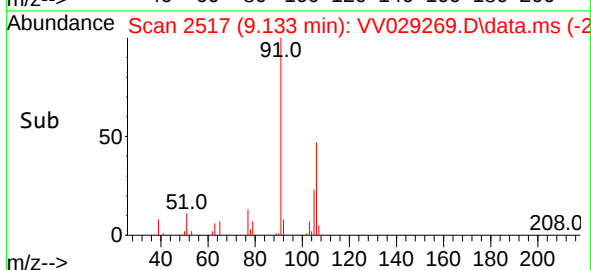
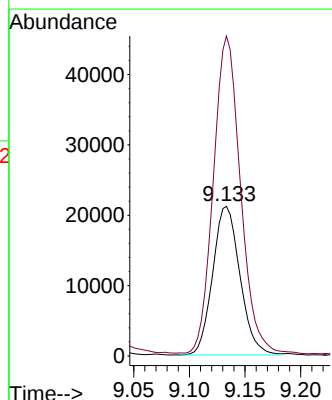
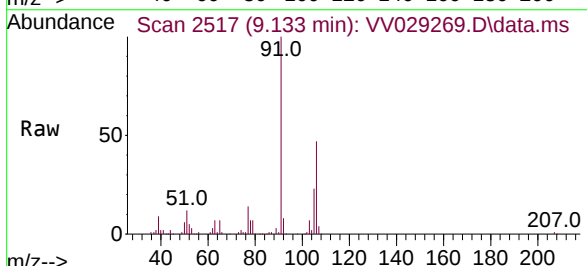
Acq: 22 Nov 2022 17:46

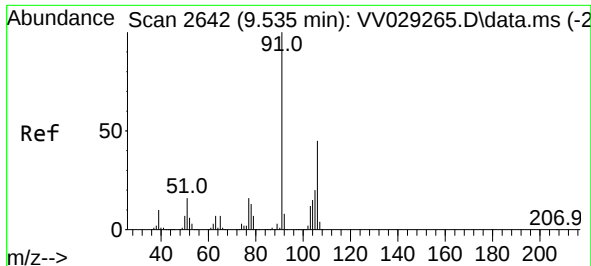
Tgt Ion: 106 Resp: 35994

Ion Ratio Lower Upper

106 100

91 213.8 147.3 273.6

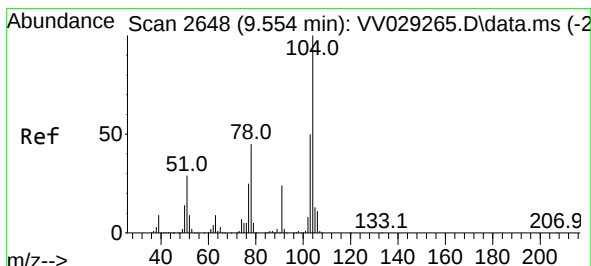
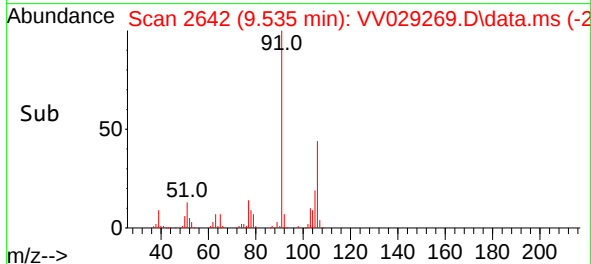
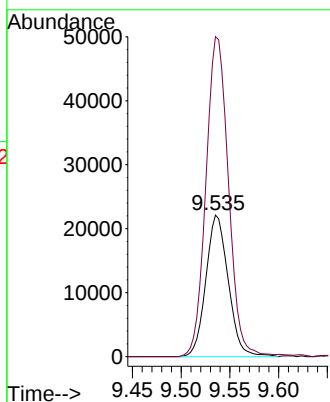
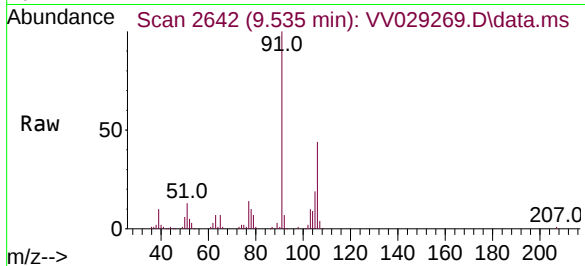




#54
o-Xylene
Concen: 0.943 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

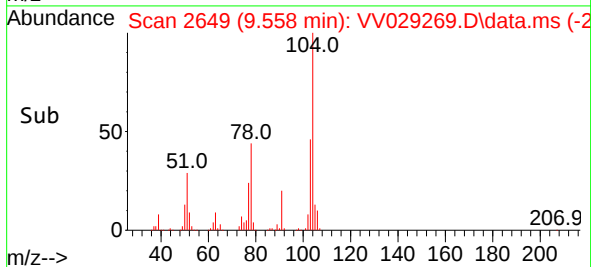
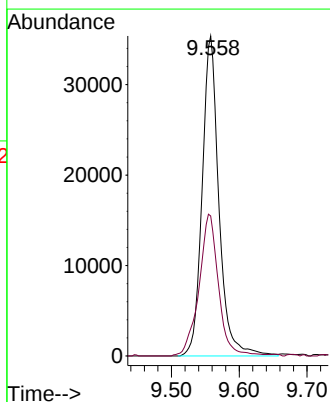
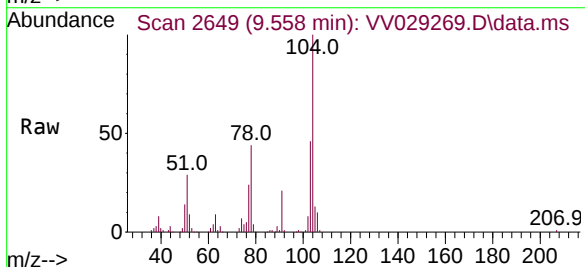
Instrument :
MSVOA_V
ClientSampleId :

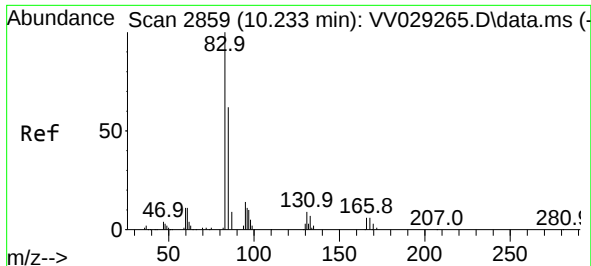
Tgt Ion:106 Resp: 35420
Ion Ratio Lower Upper
106 100
91 226.0 154.6 287.2



#55
Styrene
Concen: 0.947 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion:104 Resp: 60843
Ion Ratio Lower Upper
104 100
78 43.8 31.9 59.2

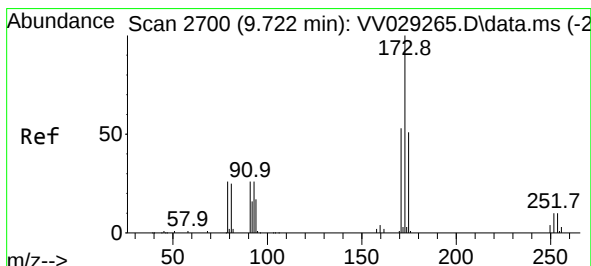
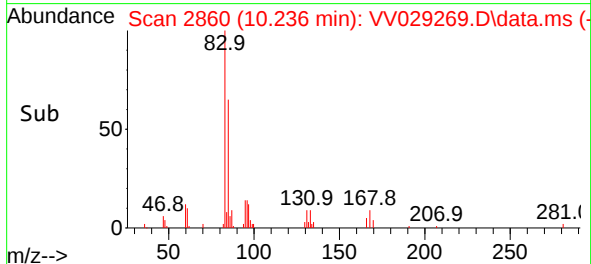
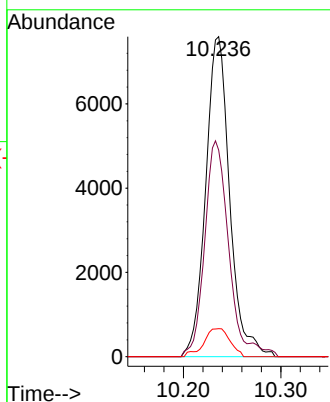
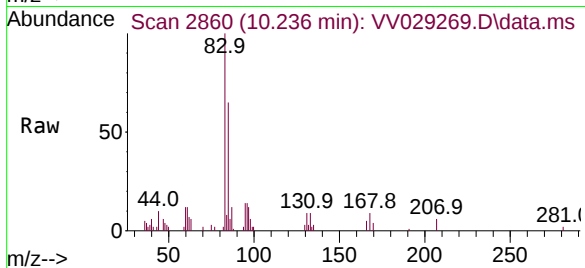




#57
1,1,2,2-Tetrachloroethane
Concen: 1.011 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

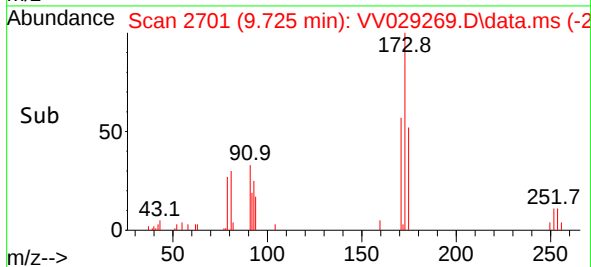
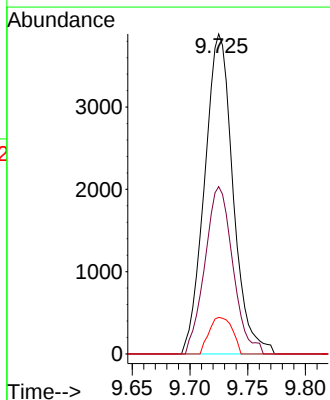
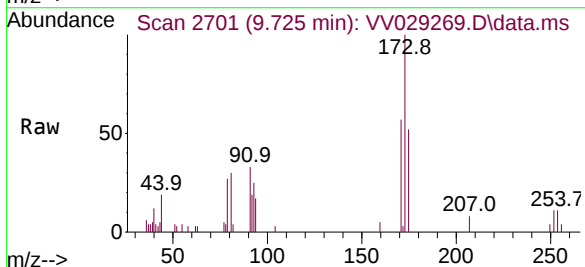
Instrument :
MSVOA_V
ClientSampleId :

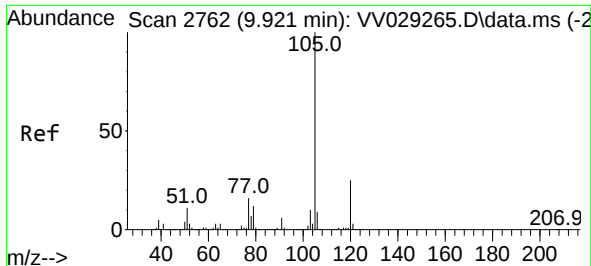
Tgt Ion: 83 Resp: 12997
Ion Ratio Lower Upper
83 100
85 64.6 43.9 81.5
131 8.8 6.9 10.3



#59
Bromoform
Concen: 0.951 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

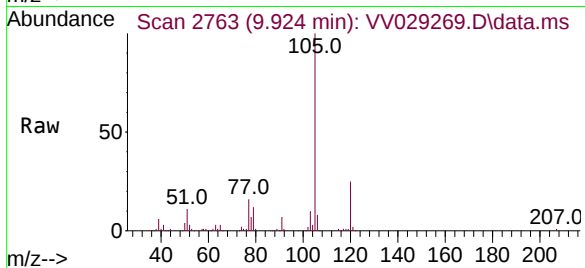
Tgt Ion: 173 Resp: 6664
Ion Ratio Lower Upper
173 100
175 51.4 39.4 59.2
254 9.3 8.2 12.2



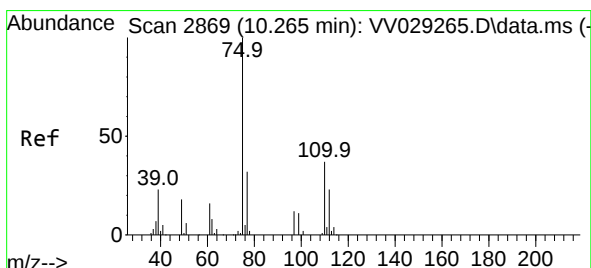
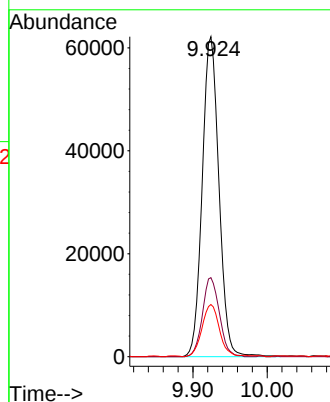
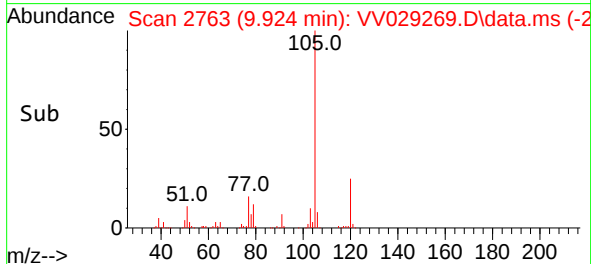


#60
Isopropylbenzene
Concen: 1.009 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

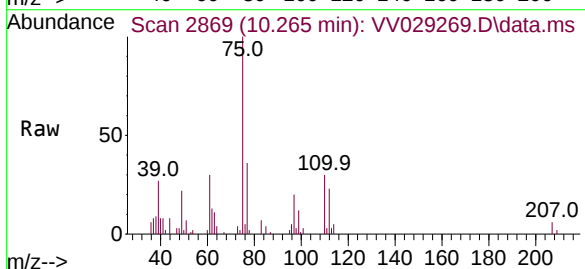
Instrument :
MSVOA_V
ClientSampleId :



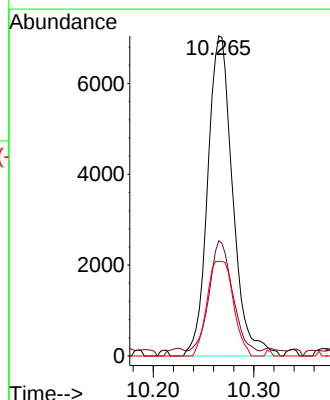
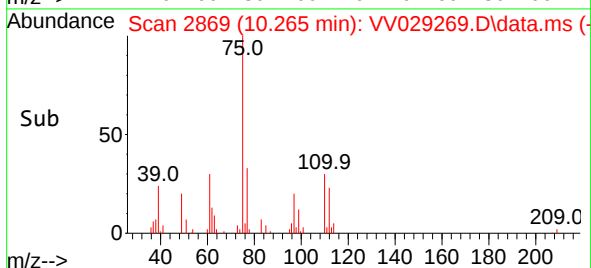
Tgt Ion:105 Resp: 97224
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5
77 17.0 13.0 19.6

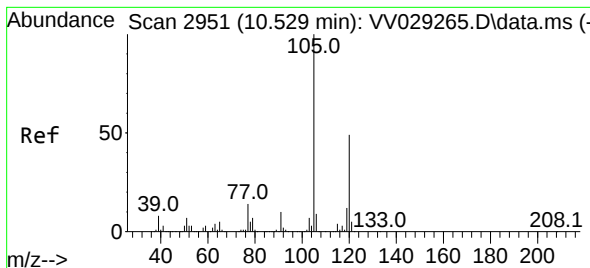


#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46



Tgt Ion: 75 Resp: 12173
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 31.1 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 1.004 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

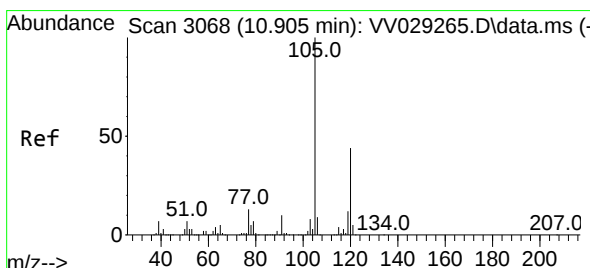
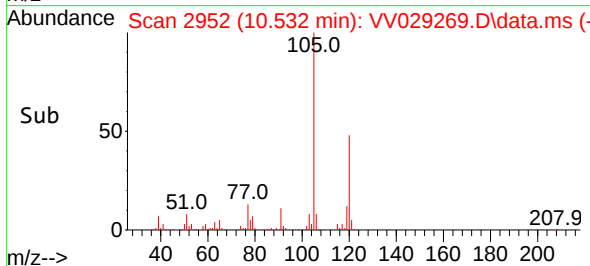
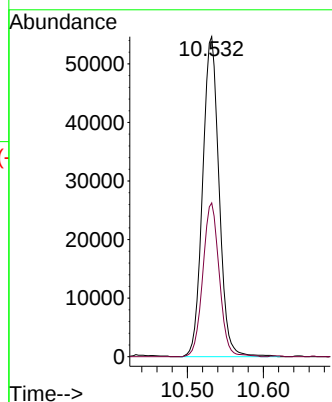
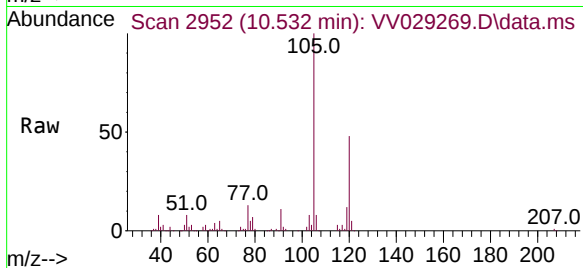
ClientSampleId :

Tgt Ion:105 Resp: 82159

Ion Ratio Lower Upper

105 100

120 48.1 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 0.995 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029269.D

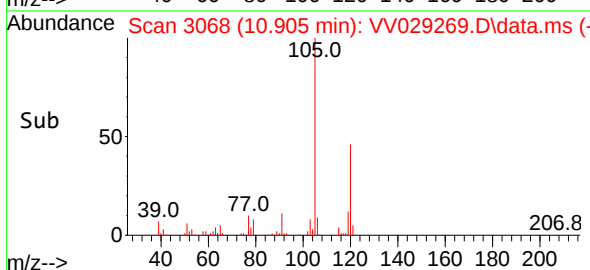
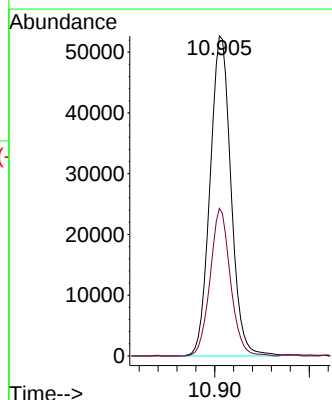
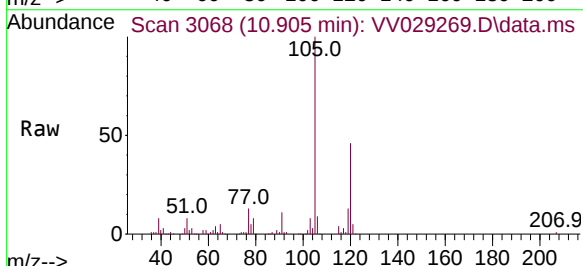
Acq: 22 Nov 2022 17:46

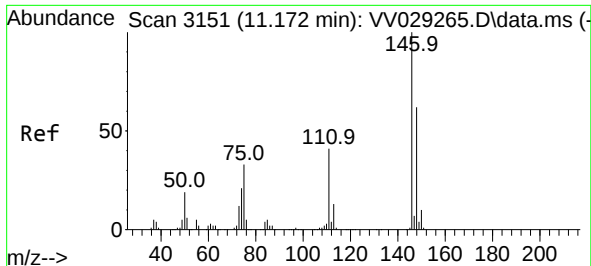
Tgt Ion:105 Resp: 80992

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4

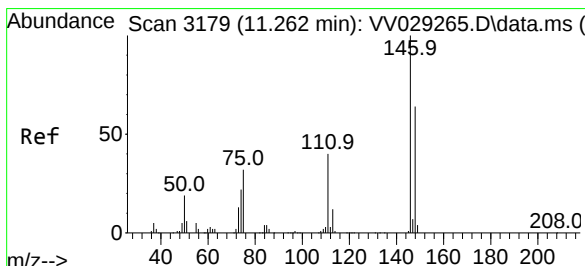
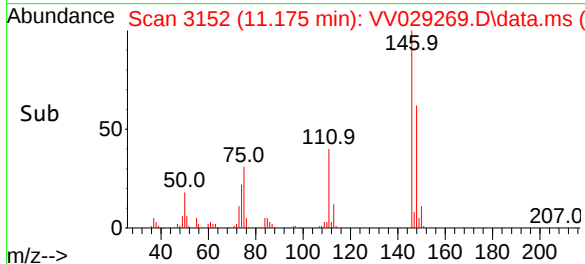
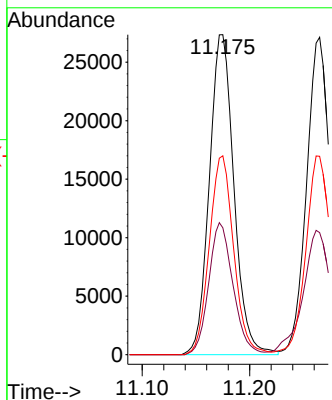
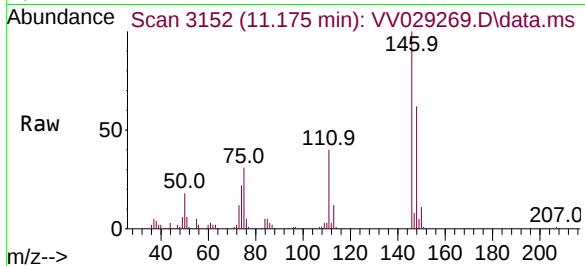




#64
1,3-Dichlorobenzene
Concen: 1.031 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

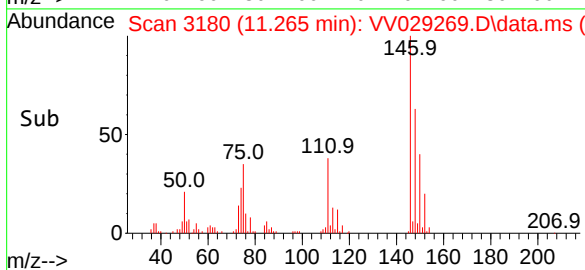
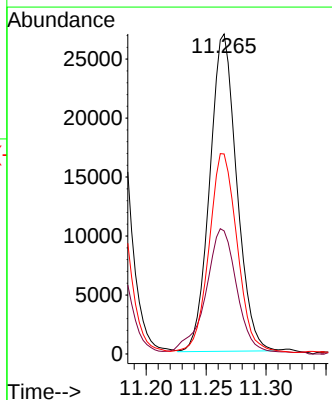
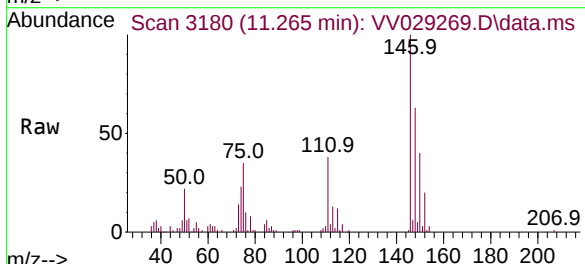
Instrument :
MSVOA_V
ClientSampleId :

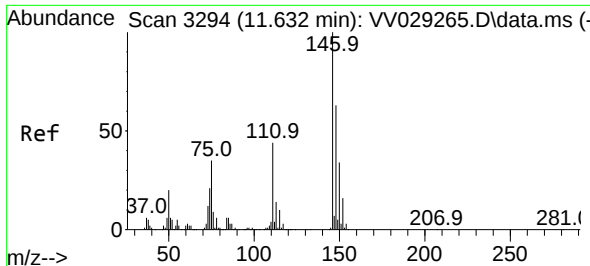
Tgt Ion:146 Resp: 43496
Ion Ratio Lower Upper
146 100
111 39.7 28.6 53.0
148 62.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 1.021 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV029269.D
Acq: 22 Nov 2022 17:46

Tgt Ion:146 Resp: 42183
Ion Ratio Lower Upper
146 100
111 38.4 28.5 52.9
148 62.5 44.9 83.5

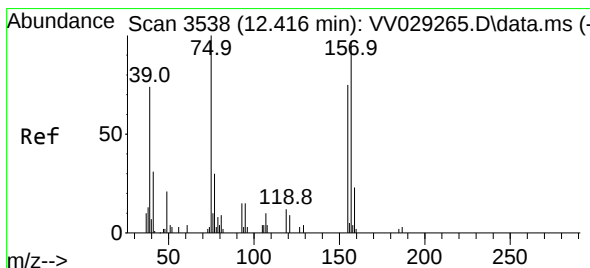
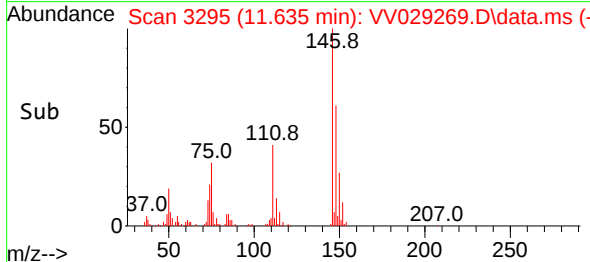
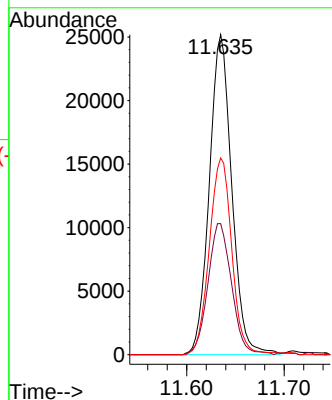
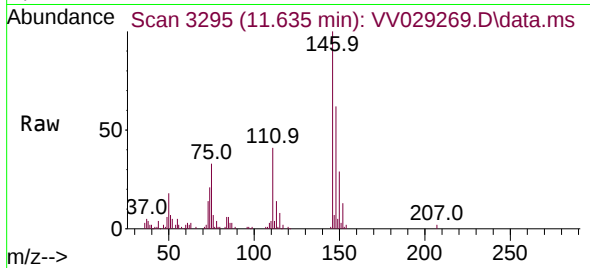




#67
 1,2-Dichlorobenzene
 Concen: 1.055 ug/L
 RT: 11.635 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

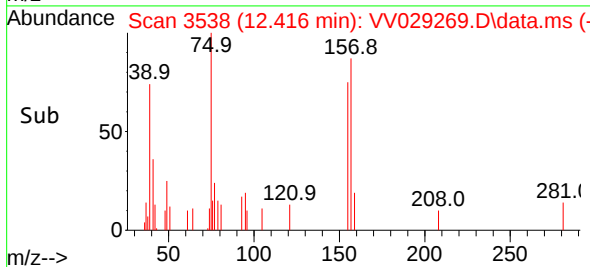
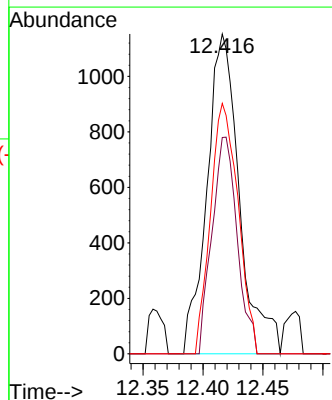
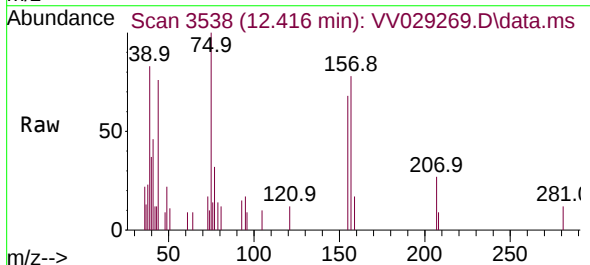
Instrument :
 MSVOA_V
 ClientSampleId :

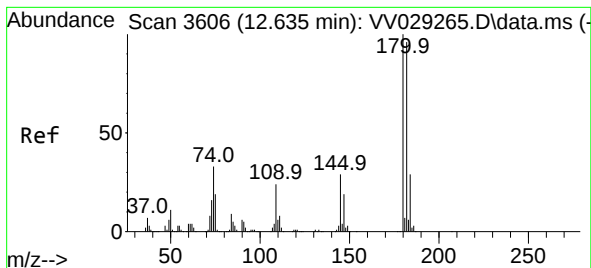
Tgt Ion:146 Resp: 40314
 Ion Ratio Lower Upper
 146 100
 111 40.9 35.6 53.4
 148 61.5 50.2 75.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.269 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: VV029269.D
 Acq: 22 Nov 2022 17:46

Tgt Ion: 75 Resp: 2178
 Ion Ratio Lower Upper
 75 100
 155 67.6 58.4 87.6
 157 78.3 75.5 113.3





#69

1,3,5-Trichlorobenzene

Concen: 1.026 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 33688

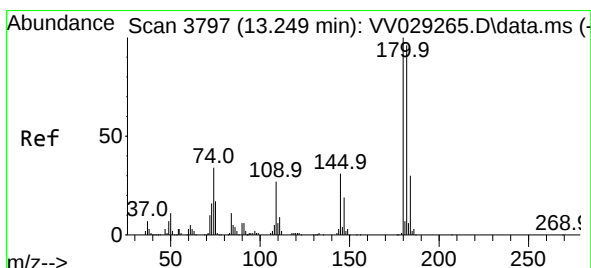
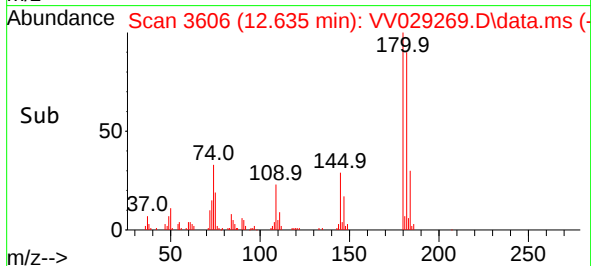
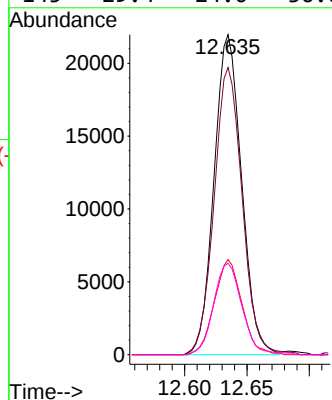
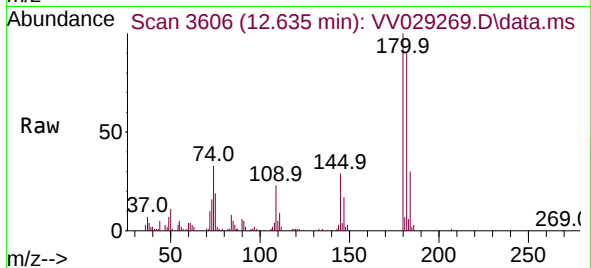
Ion Ratio Lower Upper

180 100

182 91.8 76.9 115.3

184 29.8 23.9 35.9

145 29.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 1.036 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

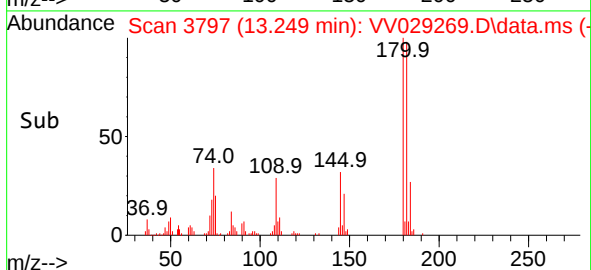
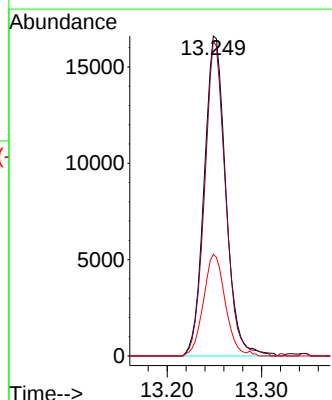
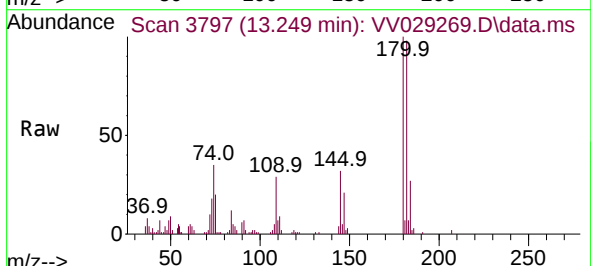
Tgt Ion:180 Resp: 26411

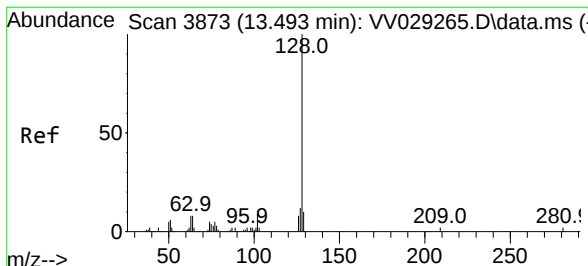
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

145 32.2 25.0 37.6





#71

Naphthalene

Concen: 2.329 ug/L

RT: 13.490 min Scan# 3873

Delta R.T. -0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

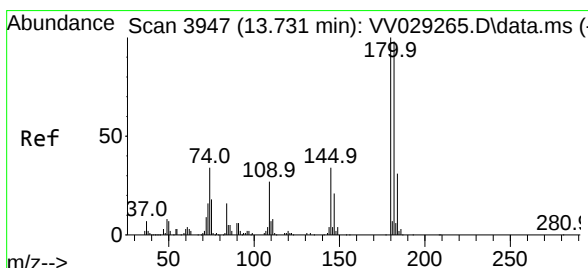
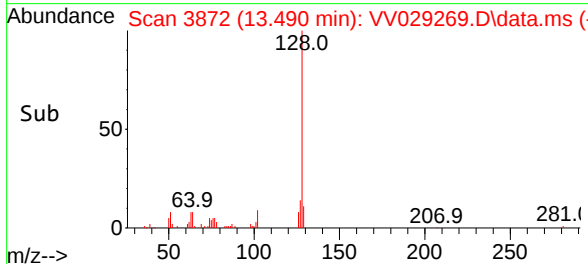
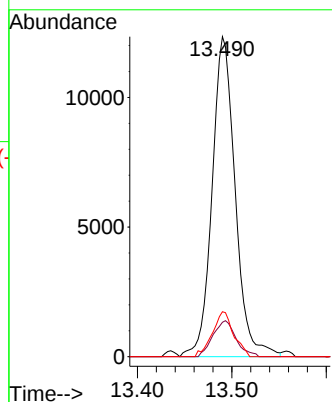
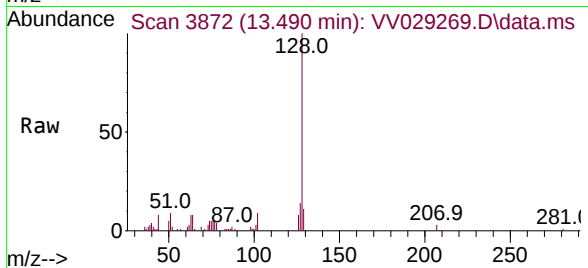
Tgt Ion:128 Resp: 20974

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 1.044 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029269.D

Acq: 22 Nov 2022 17:46

Tgt Ion:180 Resp: 21418

Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.2

145 33.3 26.3 39.5

