

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023202.D
 Acq On : 04 Nov 2021 14:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:57:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	136289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	45269	5.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.564	69	37329	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.105	63	83906	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	3.905	46	53002	39.372	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	4.346	84	96548	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	44755	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.047	84	188070	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.069	67	54073	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.313	98	178820	5.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.622	79	21540	5.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.088	63	80859	56.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37608	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	65951	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	69318	4.998	ug/L	100
3) Chloromethane	1.236	50	58604	4.970	ug/L	98
5) Vinyl chloride	1.307	62	58017	4.927	ug/L	100
6) Bromomethane	1.519	94	38030	5.052	ug/L	99
8) Chloroethane	1.580	64	33808	4.975	ug/L	99
9) Trichlorofluoromethane	1.751	101	86969	4.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44334	4.977	ug/L	99
12) 1,1-Dichloroethene	2.114	96	42001	4.952	ug/L	93
13) Acetone	2.191	43	32813	32.972	ug/L	98
14) Carbon disulfide	2.291	76	159987	4.998	ug/L	99
15) Methyl Acetate	2.439	43	11646	3.060	ug/L #	82
16) Methylene chloride	2.503	84	52463	4.239	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	96884	5.189	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	52440	5.029	ug/L	94
19) 1,1-Dichloroethane	3.188	63	89744	5.098	ug/L	98
21) 2-Butanone	3.989	43	67533	52.552	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	52293	5.211	ug/L	94
23) Bromochloromethane	4.246	128	23042	4.980	ug/L	99
25) Chloroform	4.375	83	92411	4.925	ug/L	98

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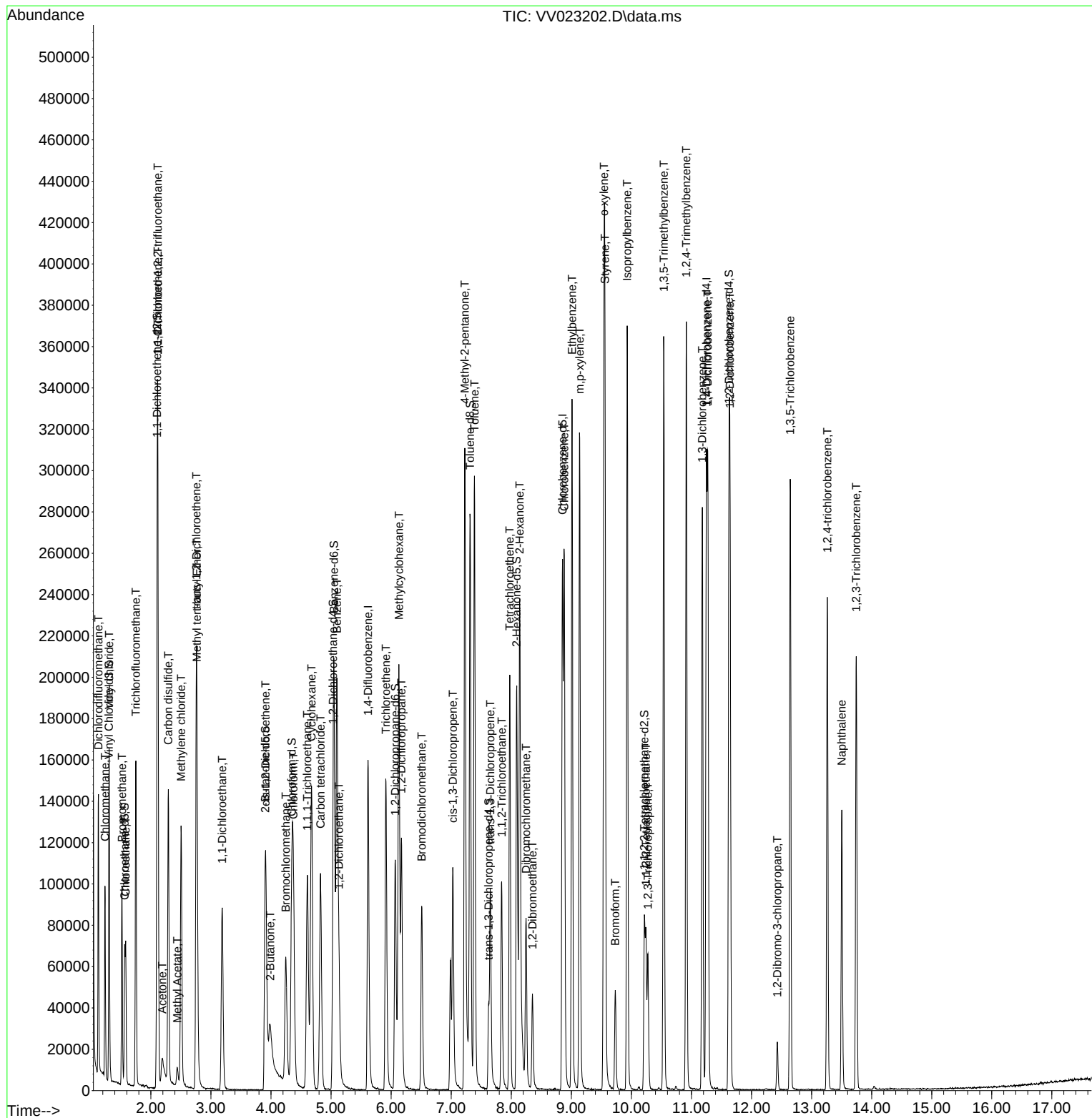
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	51086	5.118	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	84809	5.124	ug/L	100
30) Cyclohexane	4.674	56	77627	5.234	ug/L	100
31) Carbon tetrachloride	4.825	117	76881	5.172	ug/L	99
33) Benzene	5.098	78	201534	5.291	ug/L	100
34) Trichloroethene	5.911	95	53271	5.259	ug/L	95
35) Methylcyclohexane	6.130	83	84893	5.309	ug/L	100
37) 1,2-Dichloropropane	6.172	63	46464	5.225	ug/L	97
38) Bromodichloromethane	6.510	83	60171	5.049	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67264	5.259	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	229437	55.628	ug/L	95
42) Toluene	7.387	91	220093	5.402	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	57623	5.429	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32149	5.031	ug/L	96
47) Tetrachloroethene	7.976	164	45404	5.172	ug/L	98
48) 2-Hexanone	8.140	43	162080	54.790	ug/L	96
49) Dibromochloromethane	8.246	129	41784	5.161	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30605	5.168	ug/L #	99
51) Chlorobenzene	8.882	112	139416	5.148	ug/L	98
52) Ethylbenzene	9.011	91	228524	5.318	ug/L	99
53) m,p-xylene	9.140	106	91146	5.405	ug/L	99
54) o-xylene	9.545	106	84661	5.351	ug/L	100
55) Styrene	9.561	104	148372	5.474	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	35424	5.060	ug/L	94
59) Bromoform	9.731	173	22609	5.030	ug/L	99
60) Isopropylbenzene	9.931	105	229922	5.324	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25200	5.041	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	193810	5.413	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	197091	5.530	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	117413	5.321	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	116295	5.161	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	101463	5.139	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5926	5.564	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	90941	5.264	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	73761	5.331	ug/L	99
71) Naphthalene	13.503	128	106173	5.204	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	64941	5.365	ug/L	99

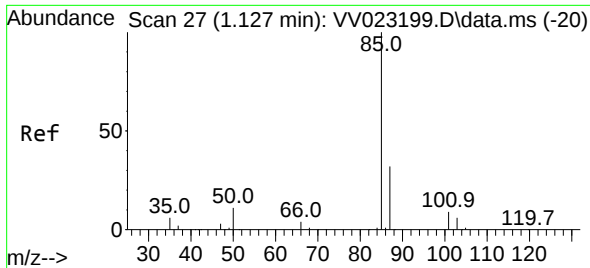
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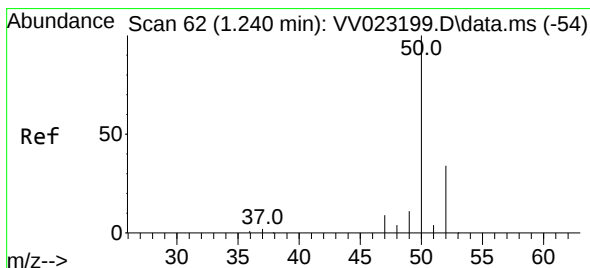
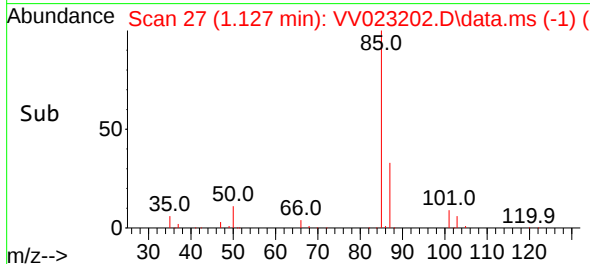
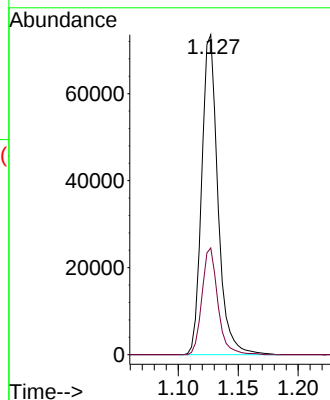
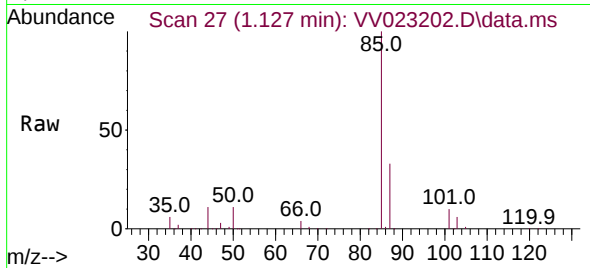




#2
 Dichlorodifluoromethane
 Concen: 4.998 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

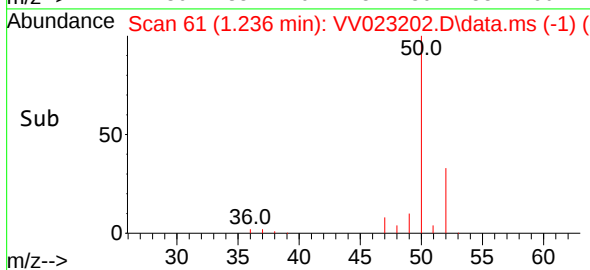
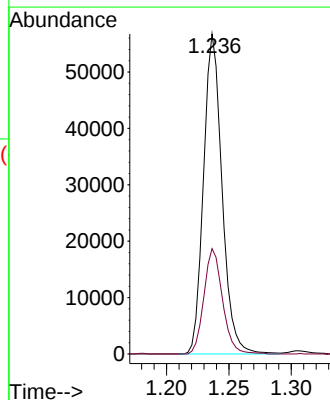
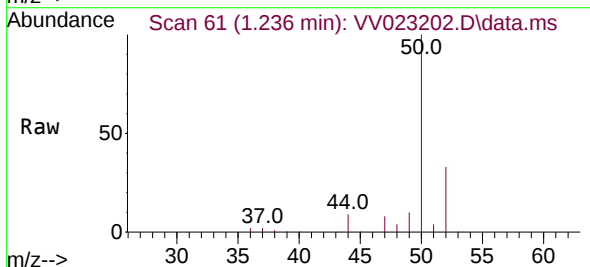
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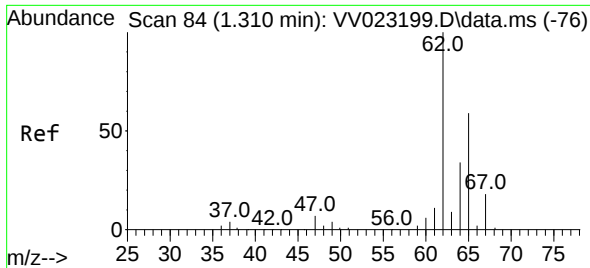
Tgt Ion: 85 Resp: 69318
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.970 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

Tgt Ion: 50 Resp: 58604
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

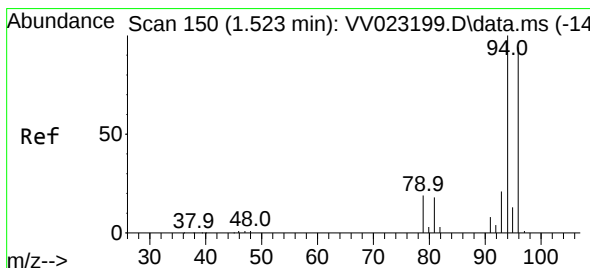
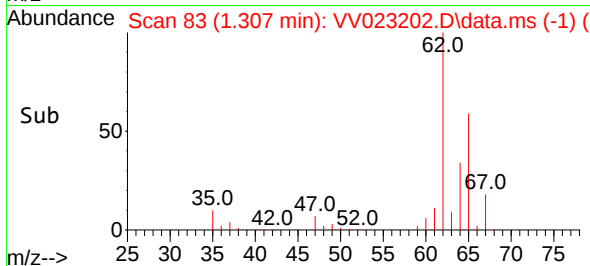
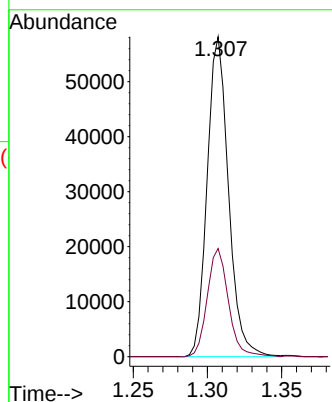
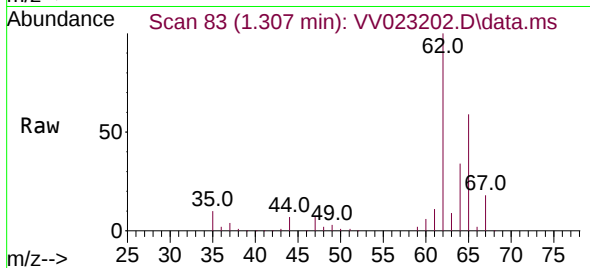




#5
 Vinyl chloride
 Concen: 4.927 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

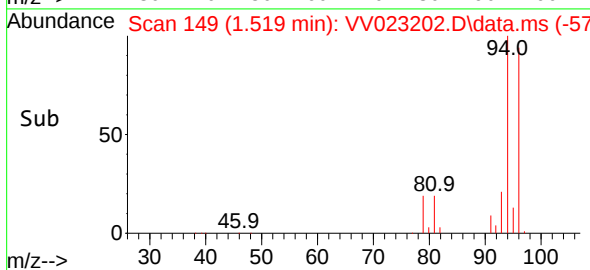
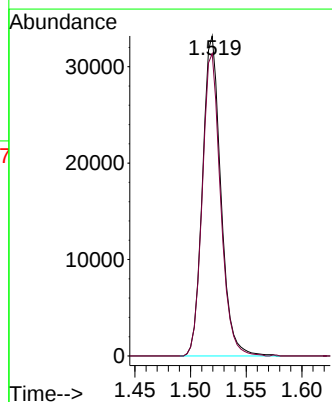
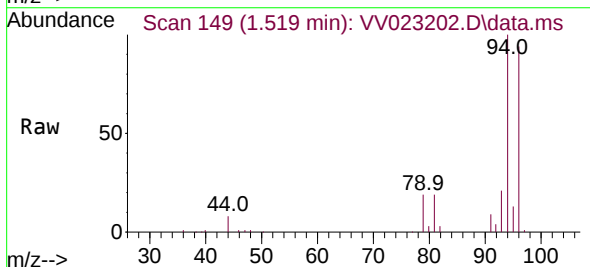
Instrument :
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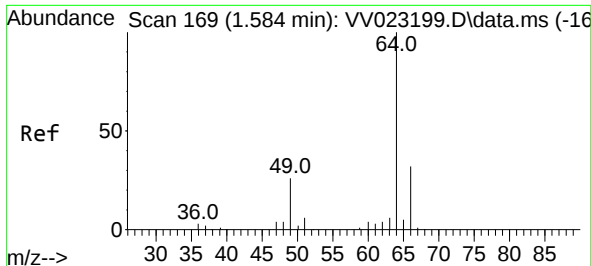
Tgt Ion: 62 Resp: 58017
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.7 43.9



#6
 Bromomethane
 Concen: 5.052 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

Tgt Ion: 94 Resp: 38030
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 122.1

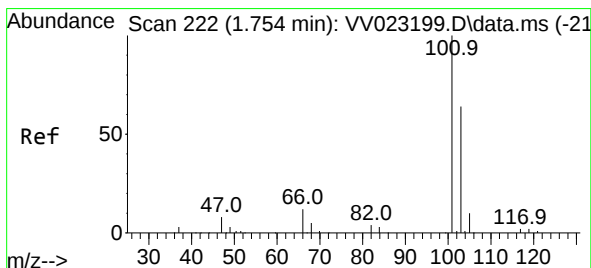
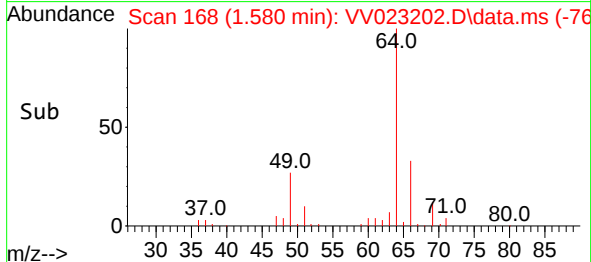
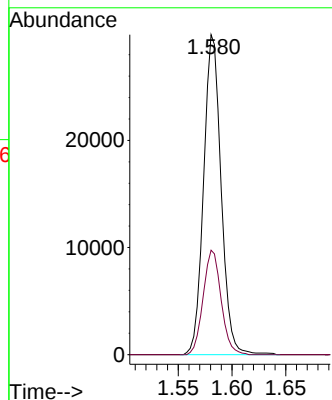
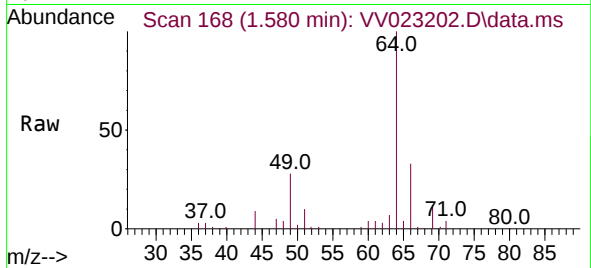




#8
Chloroethane
Concen: 4.975 ug/L
RT: 1.580 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

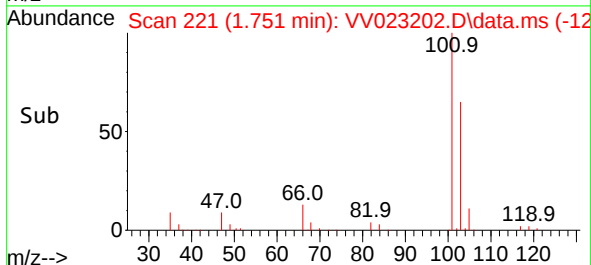
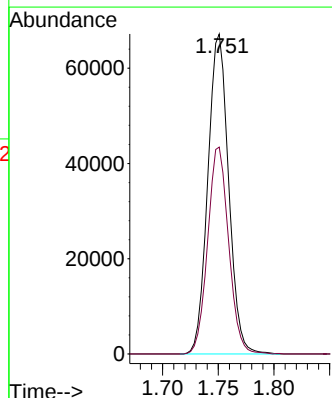
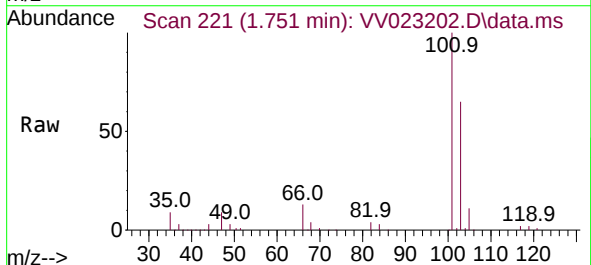
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MSVOA_V
ClientSampleId :

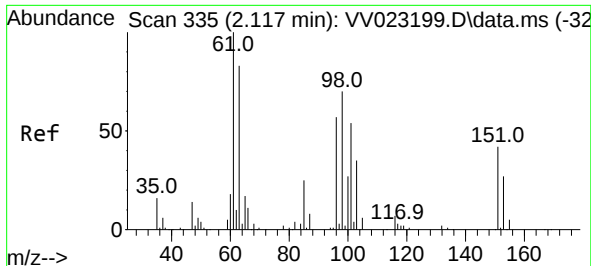
Tgt Ion: 64 Resp: 33808
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.915 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion: 101 Resp: 86969
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

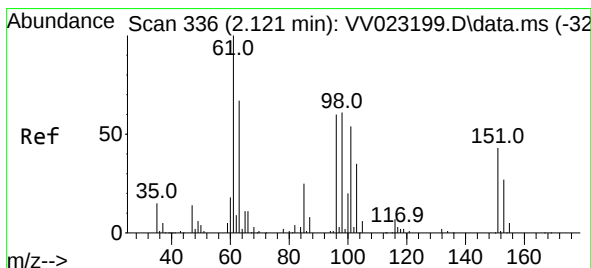
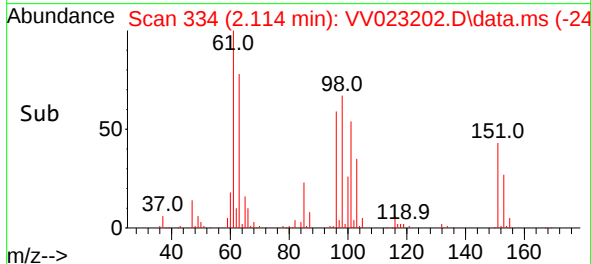
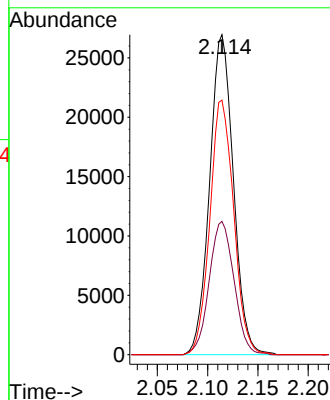
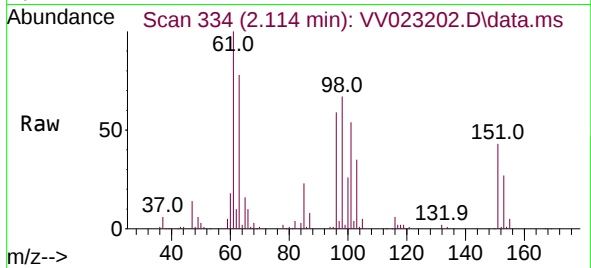




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.977 ug/L
RT: 2.114 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

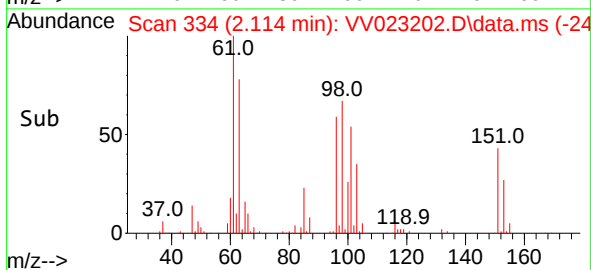
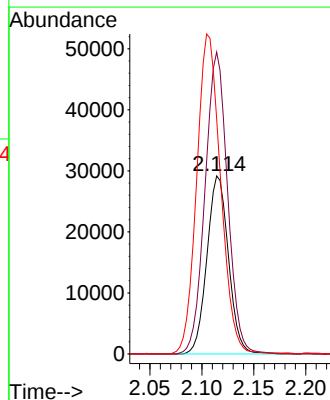
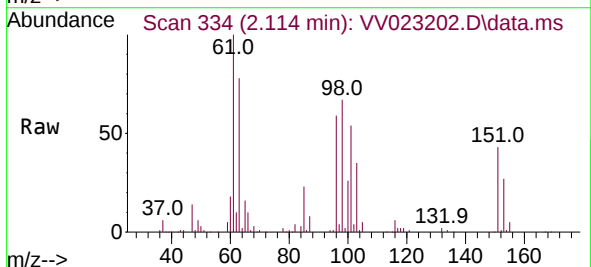
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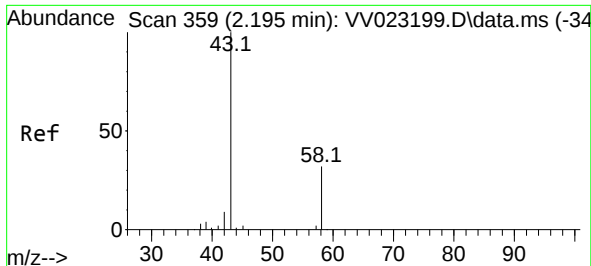
Tgt Ion:101 Resp: 44334
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.0
151 79.9 64.3 96.5



#12
1,1-Dichloroethene
Concen: 4.952 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion: 96 Resp: 42001
Ion Ratio Lower Upper
96 100
61 169.5 117.7 218.7
63 131.8 80.5 149.5

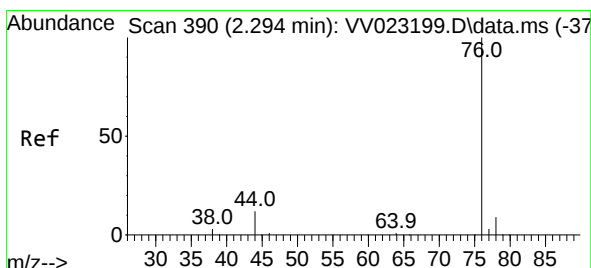
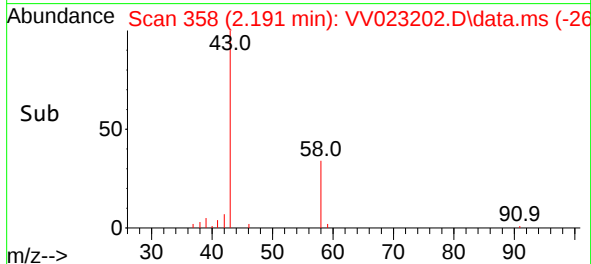
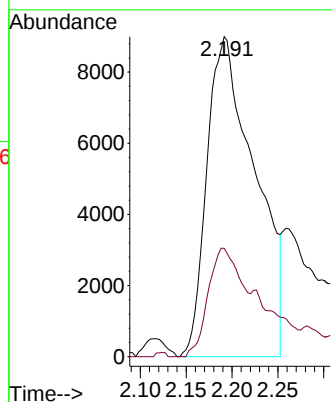
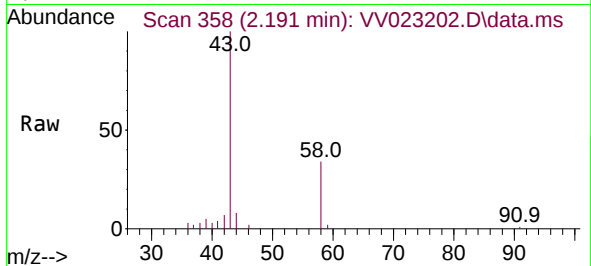




#13
Acetone
Concen: 32.972 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

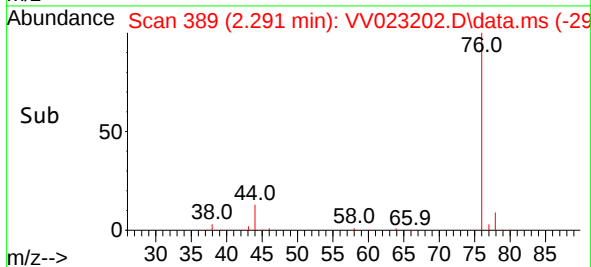
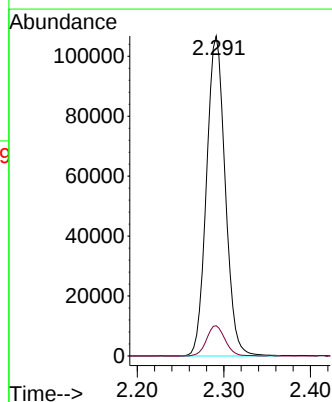
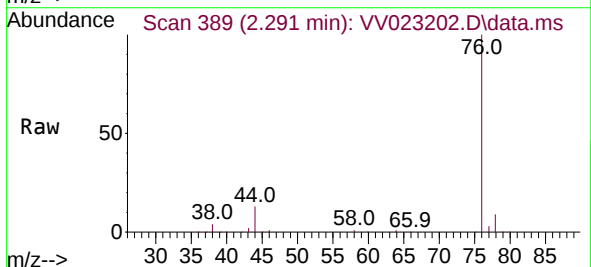
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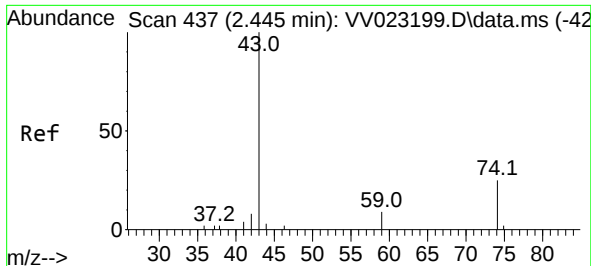
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Ion Ratio Lower Upper
43 100
58 24.1 0.0 45.8



#14
Carbon disulfide
Concen: 4.998 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 159987
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

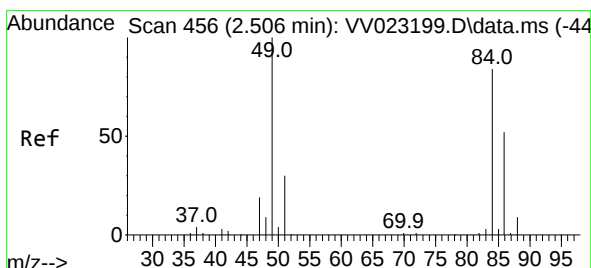
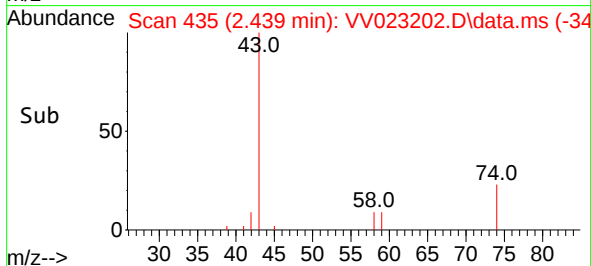
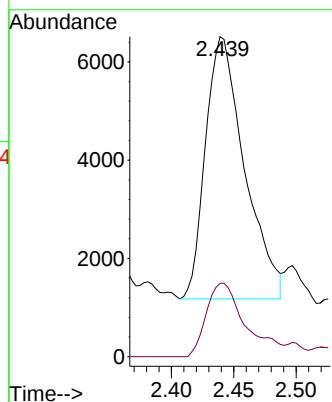
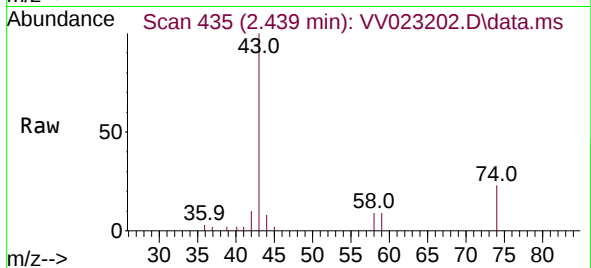




#15
Methyl Acetate
Concen: 3.060 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

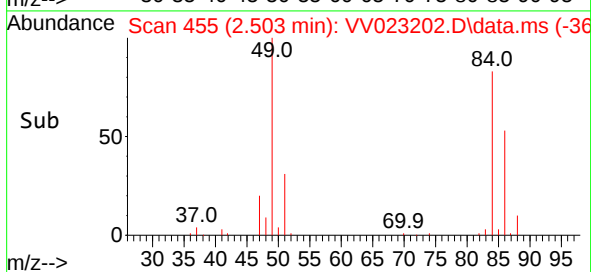
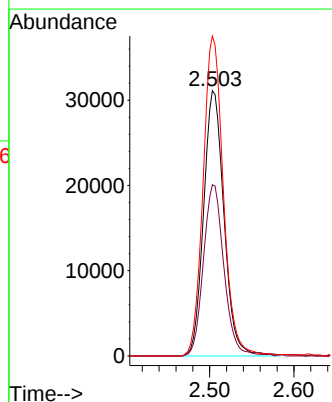
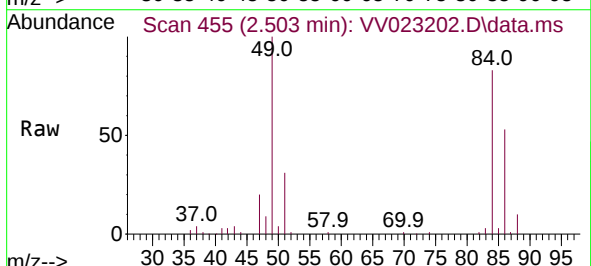
Instrument :
MSVOA_V
ClientSampleId :

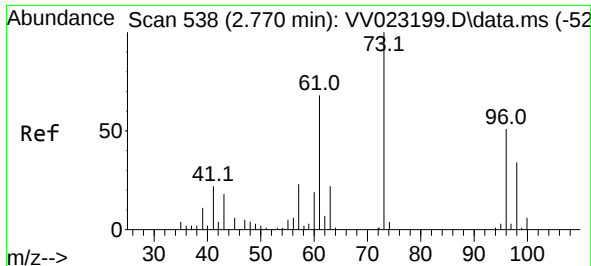
Tgt Ion: 43 Resp: 11646
Ion Ratio Lower Upper
43 100
74 28.3 16.0 24.0#



#16
Methylene chloride
Concen: 4.239 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion: 84 Resp: 52463
Ion Ratio Lower Upper
84 100
86 64.5 43.3 80.5
49 120.6 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 5.189 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

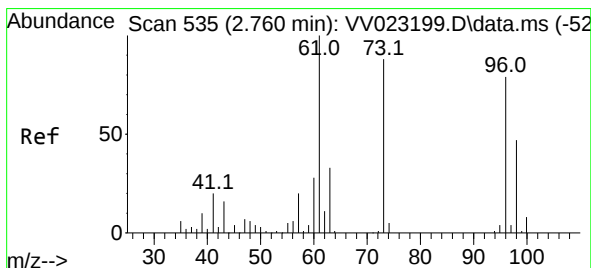
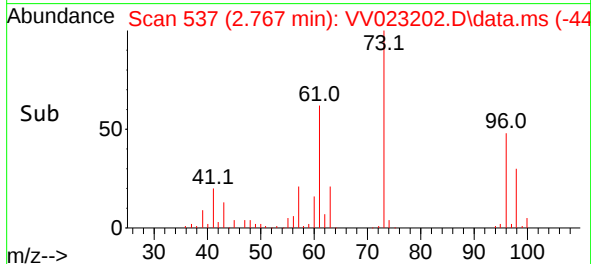
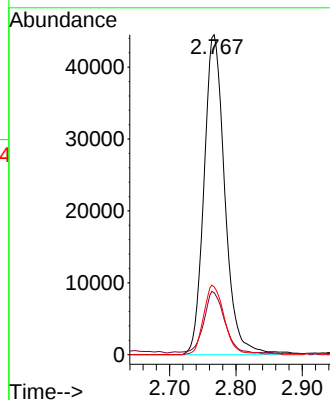
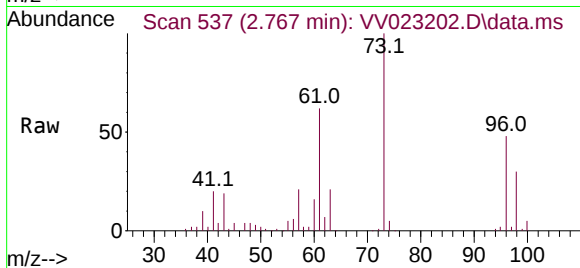
Tgt Ion: 73 Resp: 96884

Ion Ratio Lower Upper

73 100

43 18.7 14.2 21.4

57 21.7 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.029 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

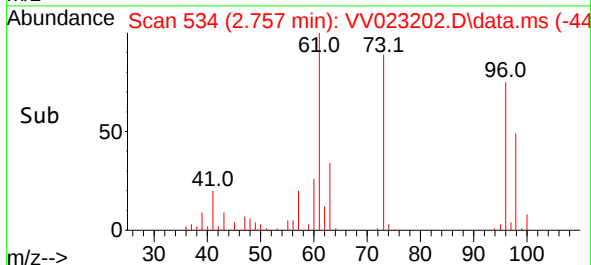
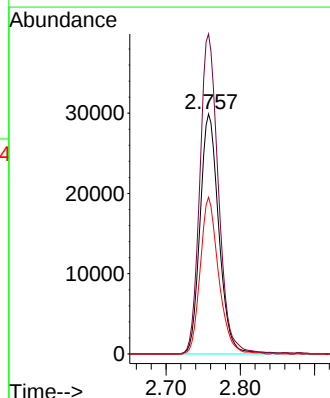
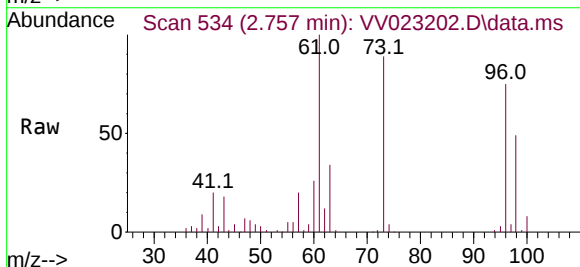
Tgt Ion: 96 Resp: 52440

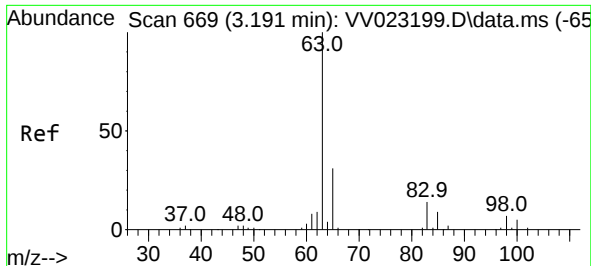
Ion Ratio Lower Upper

96 100

61 133.4 89.2 165.6

98 65.3 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.098 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

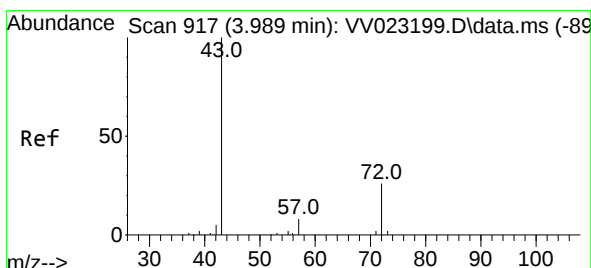
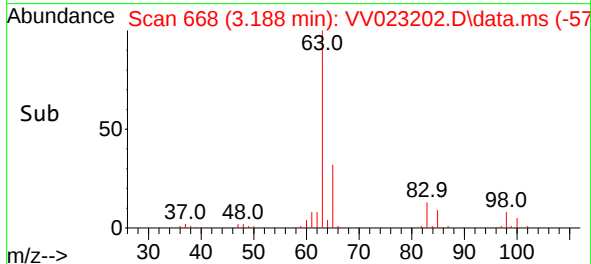
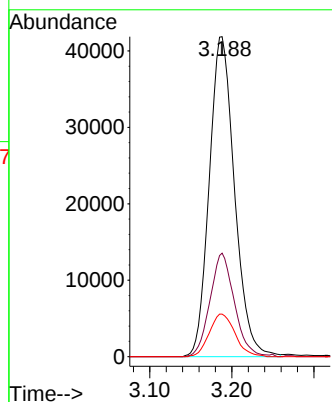
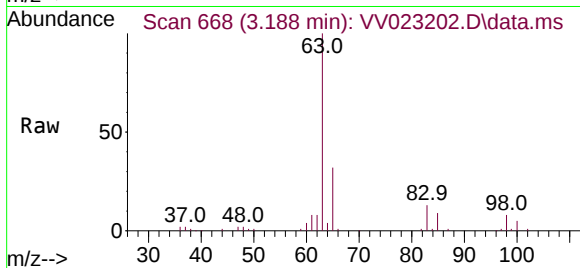
Tgt Ion: 63 Resp: 89744

Ion Ratio Lower Upper

63 100

65 32.4 21.6 40.2

83 13.3 9.8 18.2



#21

2-Butanone

Concen: 52.552 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.000 min

Lab File: VV023202.D

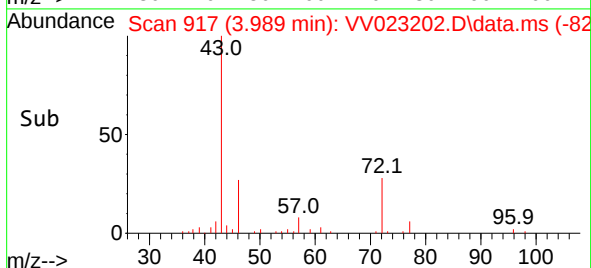
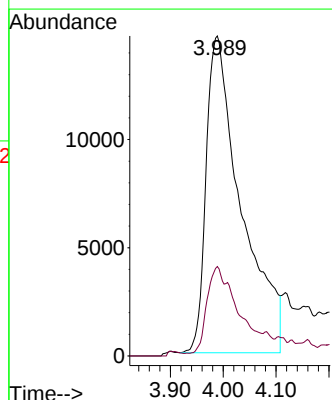
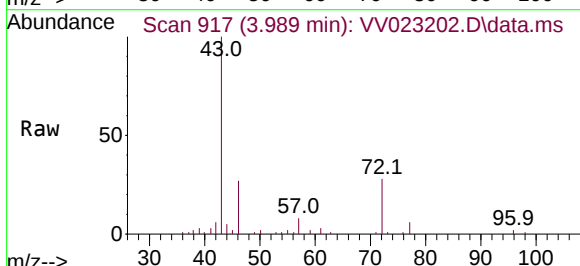
Acq: 04 Nov 2021 14:22

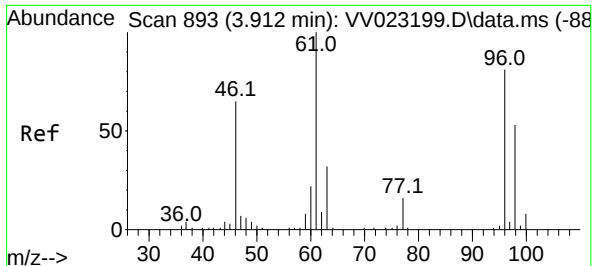
Tgt Ion: 43 Resp: 67533

Ion Ratio Lower Upper

43 100

72 23.9 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.211 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

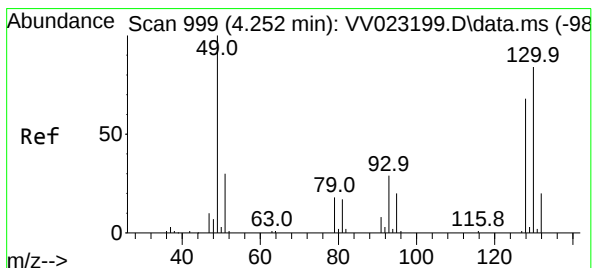
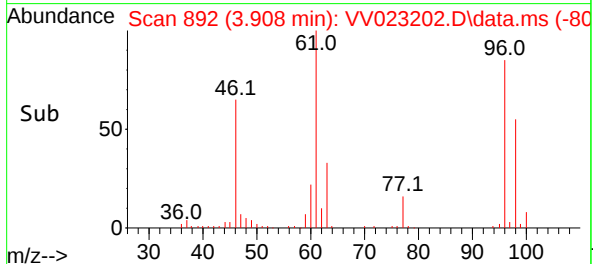
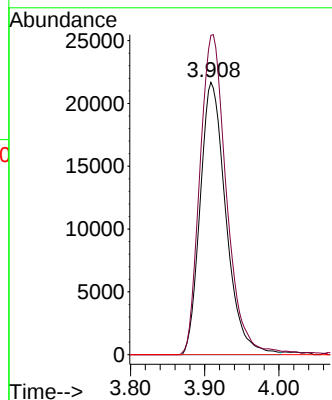
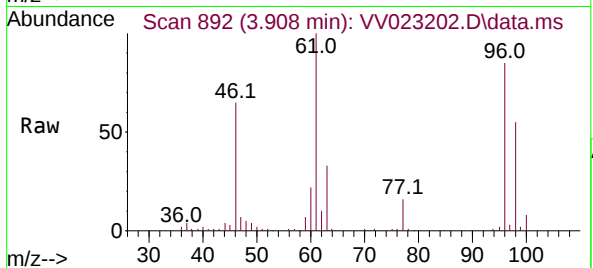
Tgt Ion: 96 Resp: 52293

Ion Ratio Lower Upper

96 100

61 117.2 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.980 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.006 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Tgt Ion:128 Resp: 23042

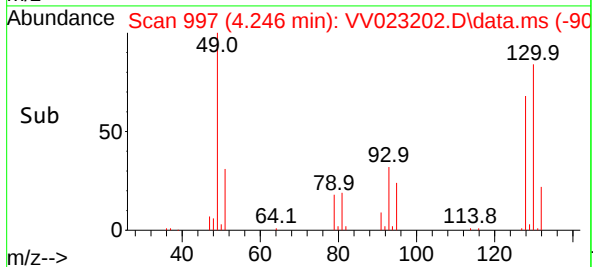
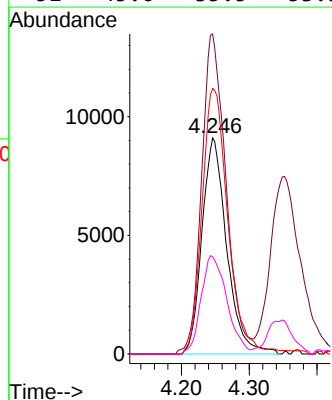
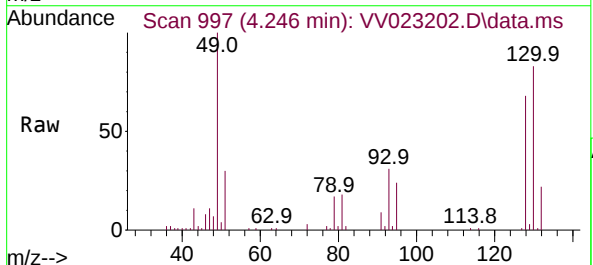
Ion Ratio Lower Upper

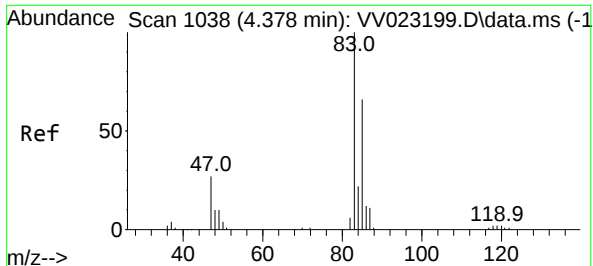
128 100

49 148.1 103.0 191.4

130 122.9 86.7 161.1

51 45.0 35.5 53.3





#25

Chloroform

Concen: 4.925 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

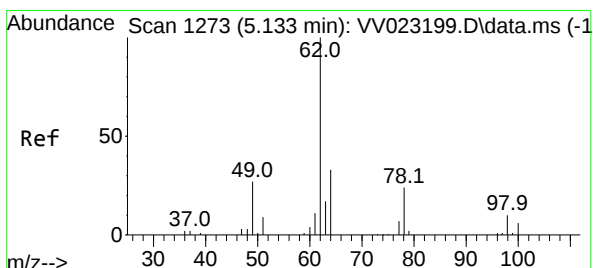
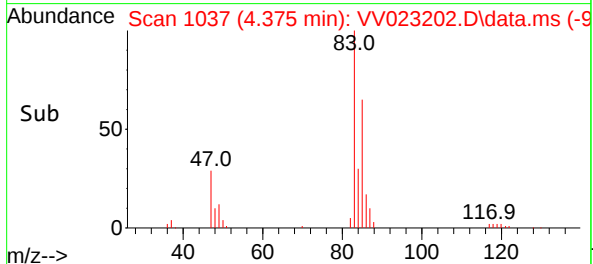
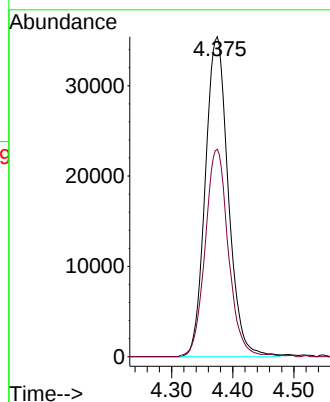
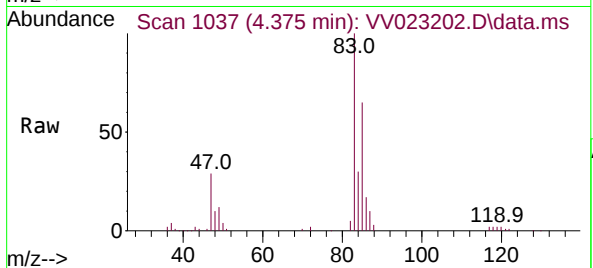
ClientSampleId :

Tgt Ion: 83 Resp: 92411

Ion Ratio Lower Upper

83 100

85 64.8 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.118 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023202.D

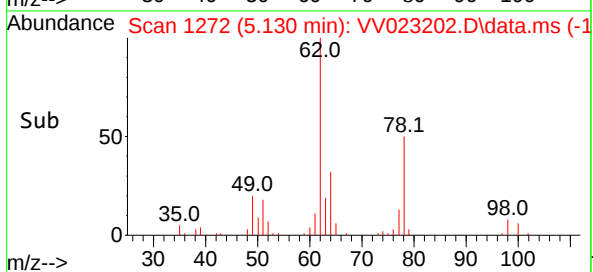
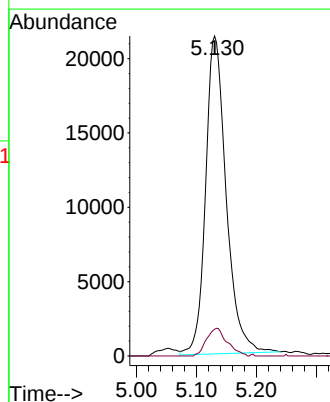
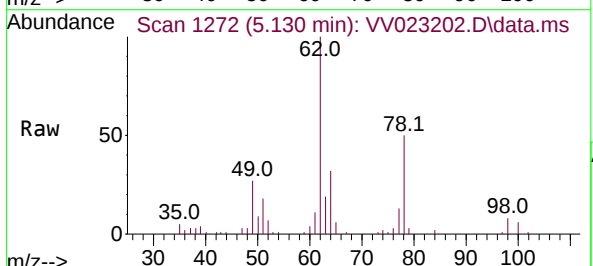
Acq: 04 Nov 2021 14:22

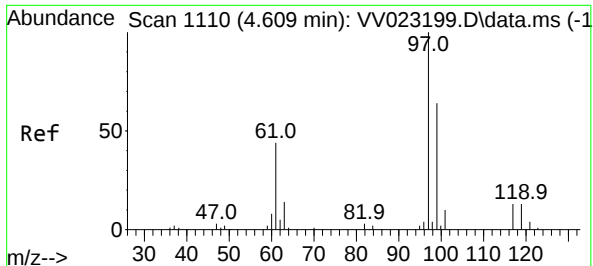
Tgt Ion: 62 Resp: 51086

Ion Ratio Lower Upper

62 100

98 8.4 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.124 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV023202.D

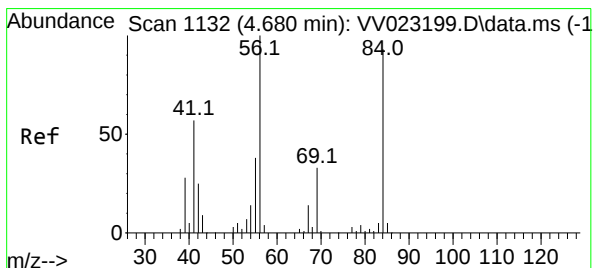
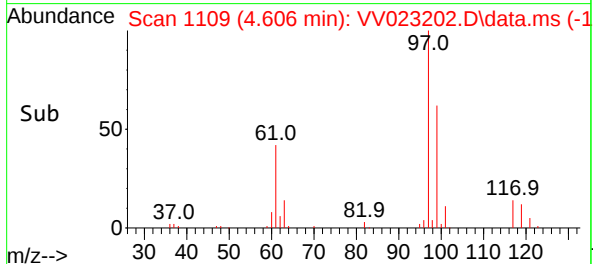
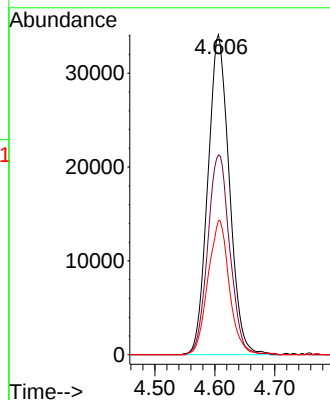
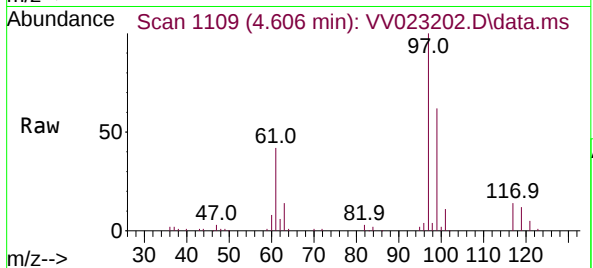
Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	84809
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	41.6	33.5	50.3



#30

Cyclohexane

Concen: 5.234 ug/L

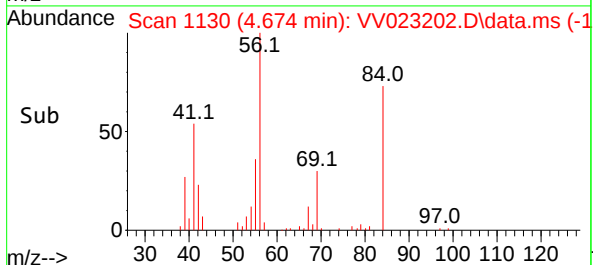
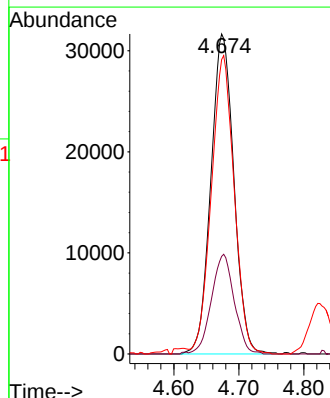
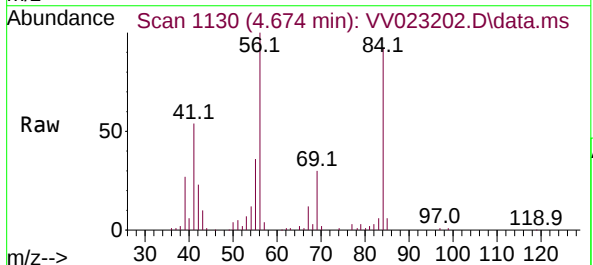
RT: 4.674 min Scan# 1130

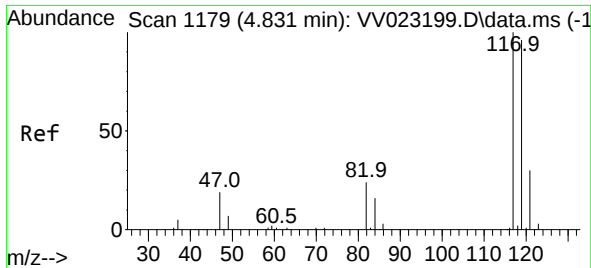
Delta R.T. -0.006 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Tgt Ion:	56	Resp:	77627
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.7	37.1
84	92.8	73.8	110.6

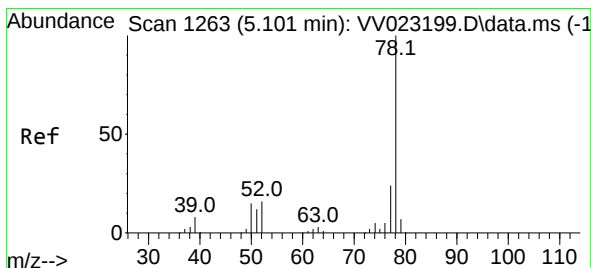
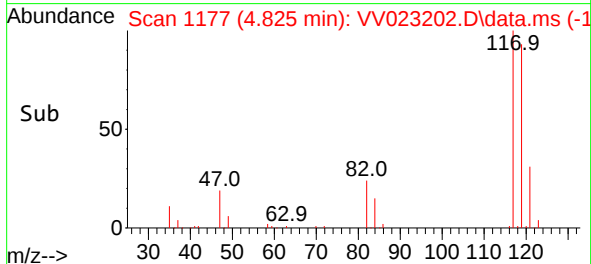
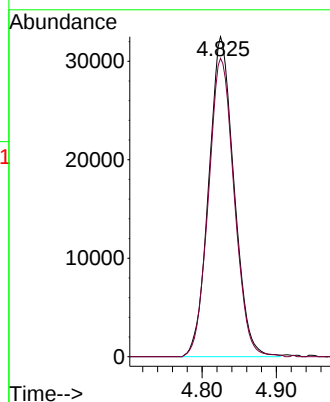
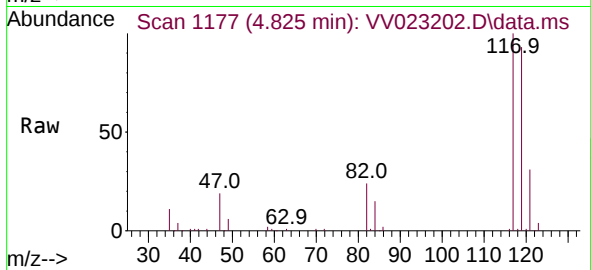




#31
Carbon tetrachloride
Concen: 5.172 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

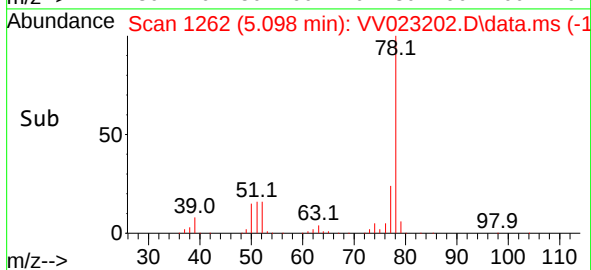
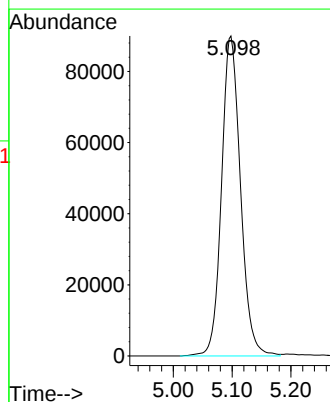
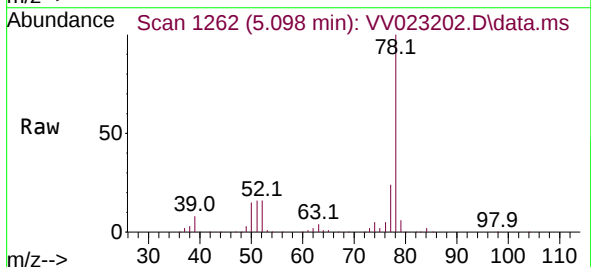
Instrument :
MSVOA_V
ClientSampleId :

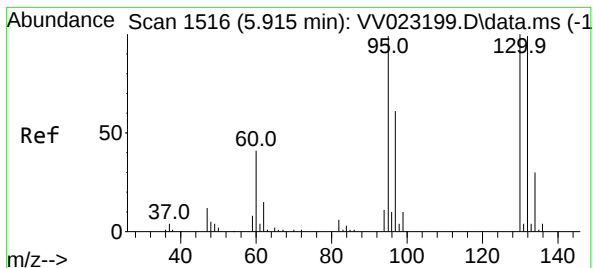
Tgt Ion:117 Resp: 76881
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8



#33
Benzene
Concen: 5.291 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion: 78 Resp: 201534





#34

Trichloroethene

Concen: 5.259 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 53271

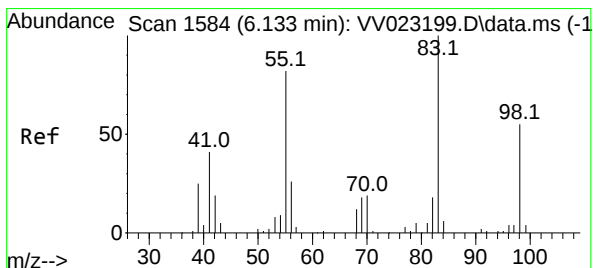
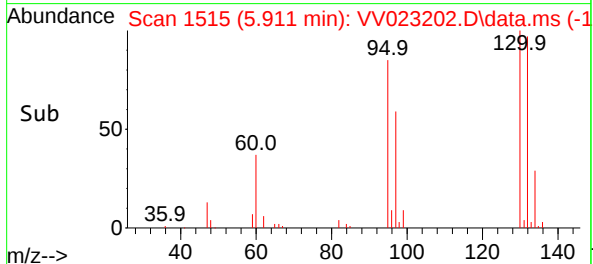
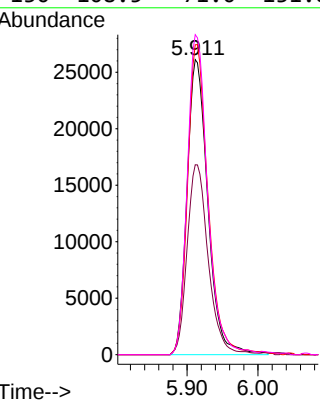
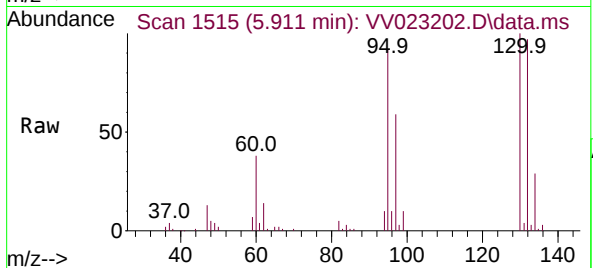
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.5

132 105.1 70.0 130.0

130 108.5 71.0 131.8



#35

Methylcyclohexane

Concen: 5.309 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

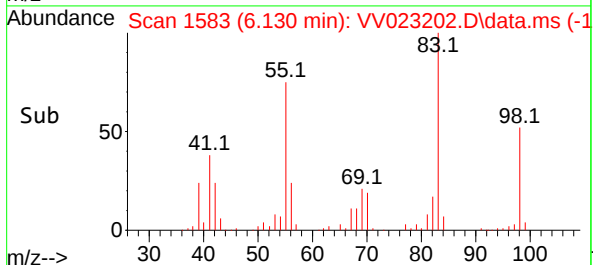
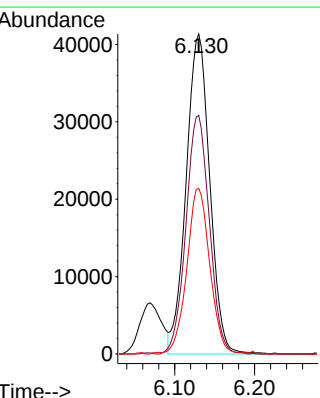
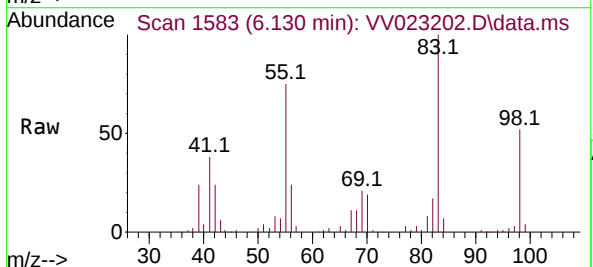
Tgt Ion: 83 Resp: 84893

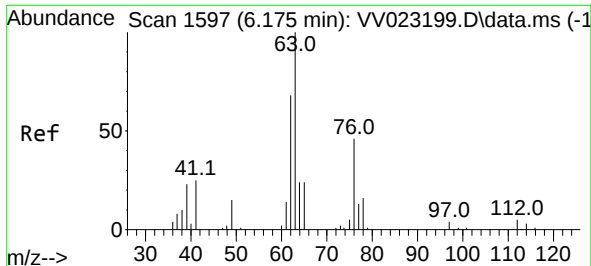
Ion Ratio Lower Upper

83 100

55 74.1 59.6 89.4

98 50.5 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.225 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

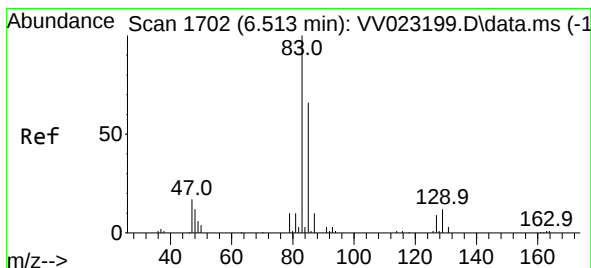
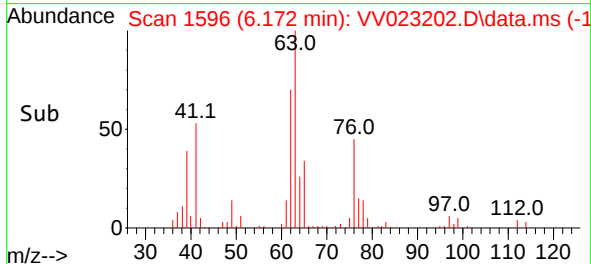
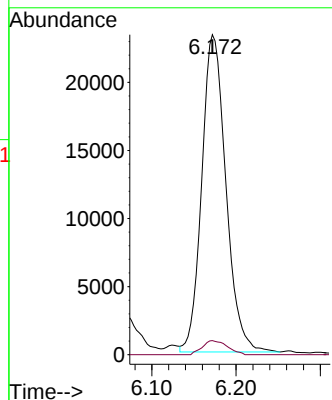
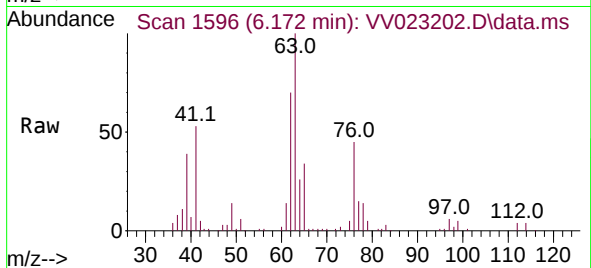
ClientSampleId :

Tgt Ion: 63 Resp: 46464

Ion Ratio Lower Upper

63 100

112 4.6 4.5 6.7



#38

Bromodichloromethane

Concen: 5.049 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

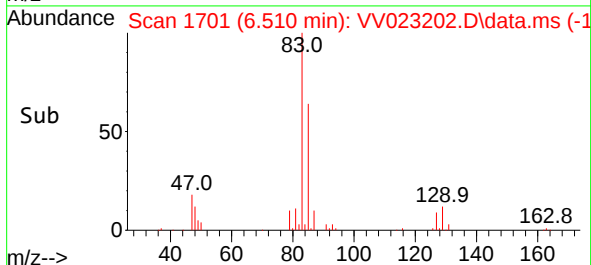
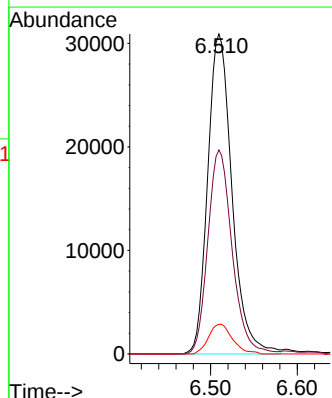
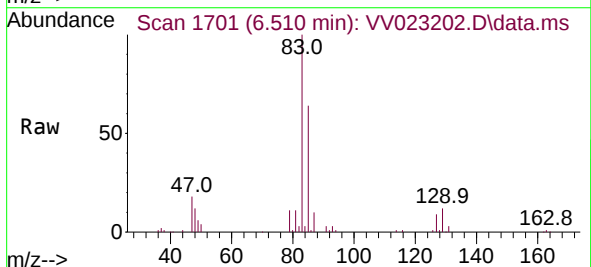
Tgt Ion: 83 Resp: 60171

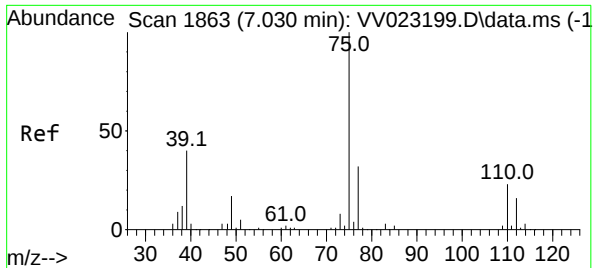
Ion Ratio Lower Upper

83 100

85 63.8 46.1 85.5

127 9.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 5.259 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

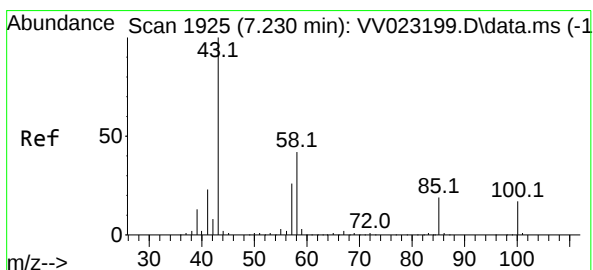
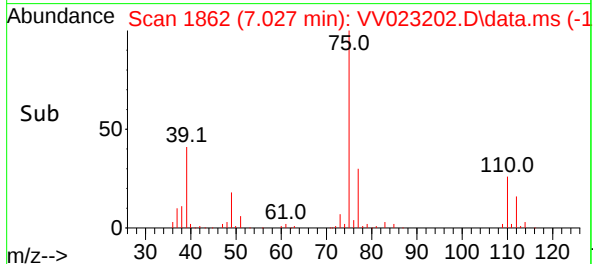
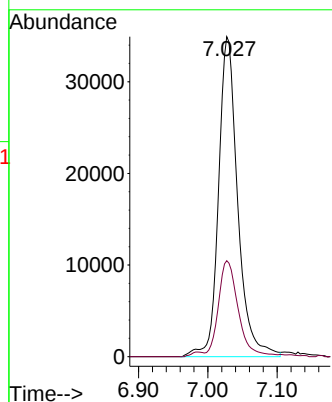
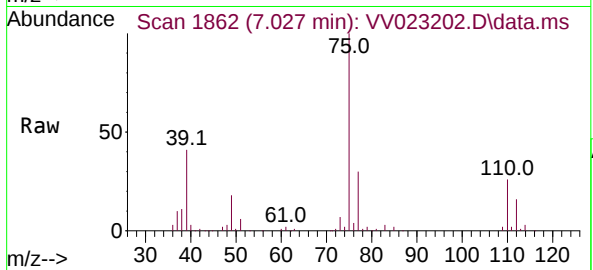
ClientSampleId :

Tgt Ion: 75 Resp: 67264

Ion Ratio Lower Upper

75 100

77 30.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.628 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

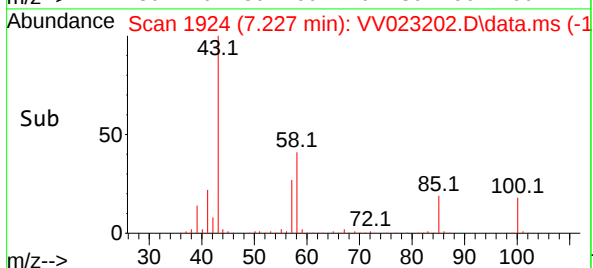
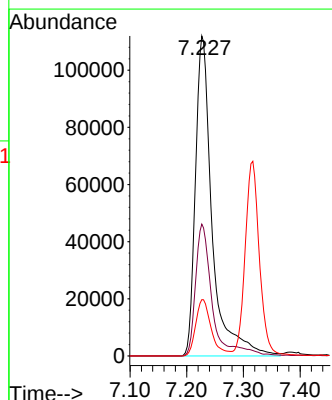
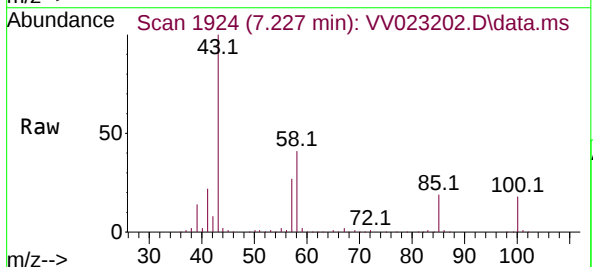
Tgt Ion: 43 Resp: 229437

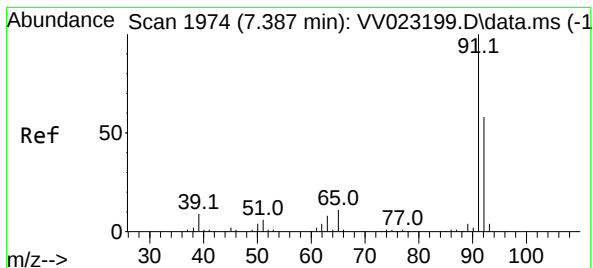
Ion Ratio Lower Upper

43 100

58 37.6 33.3 49.9

100 16.5 13.0 19.6





#42

Toluene

Concen: 5.402 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

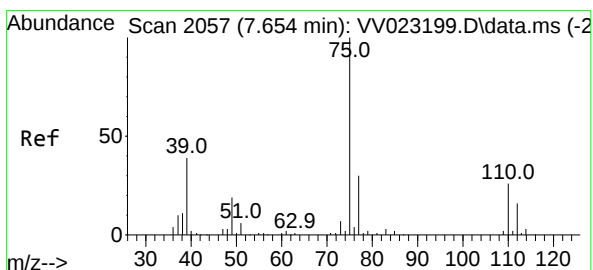
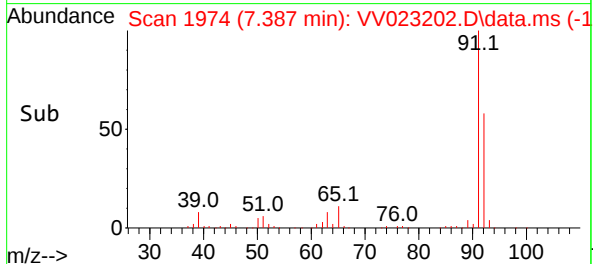
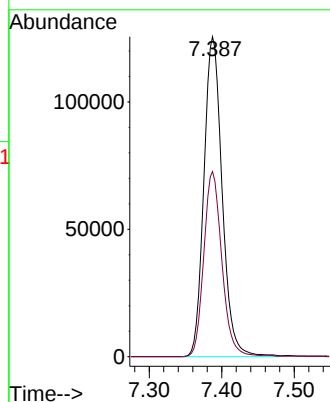
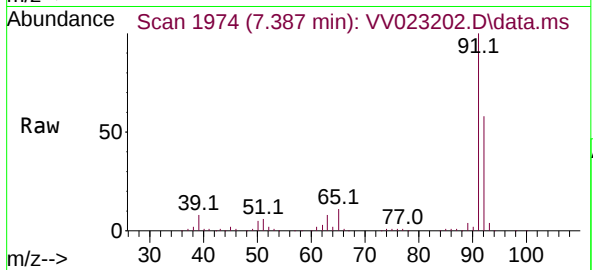
ClientSampleId :

Tgt Ion: 91 Resp: 220093

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.429 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023202.D

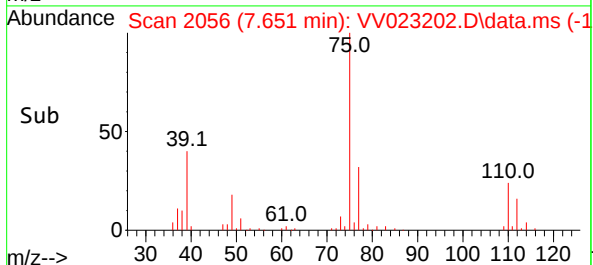
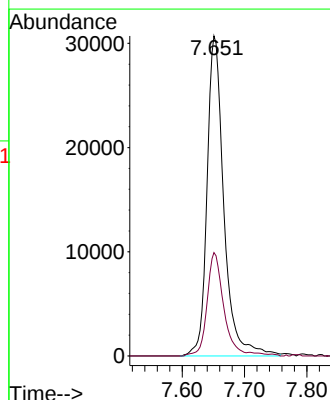
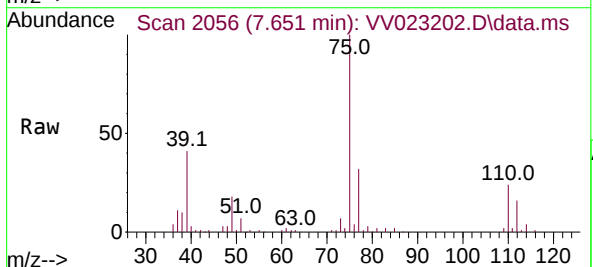
Acq: 04 Nov 2021 14:22

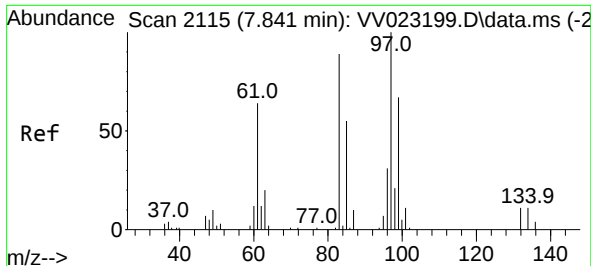
Tgt Ion: 75 Resp: 57623

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.6

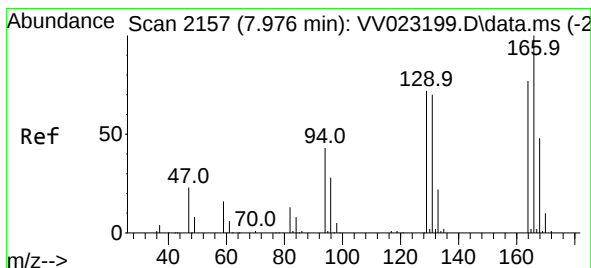
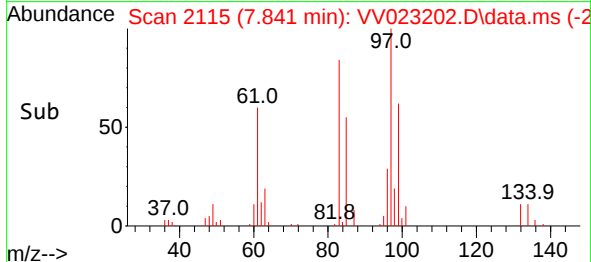
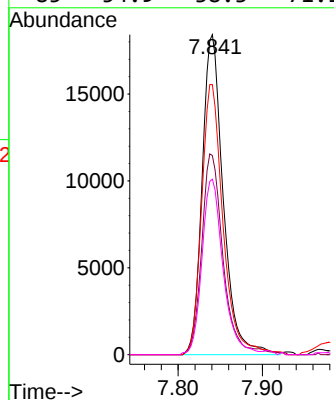
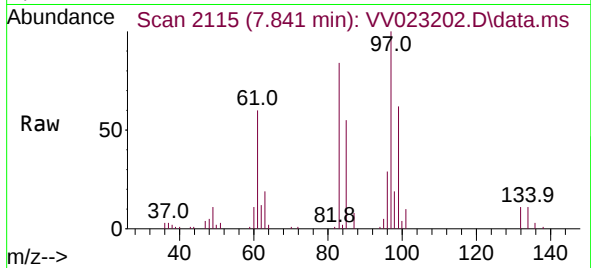




#45
1,1,2-Trichloroethane
Concen: 5.031 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

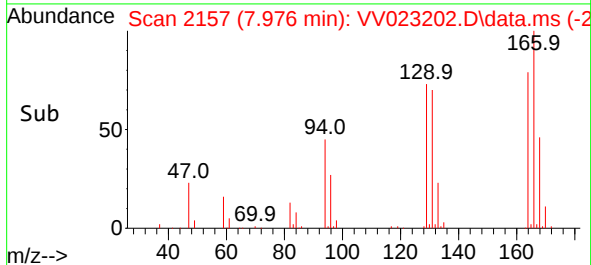
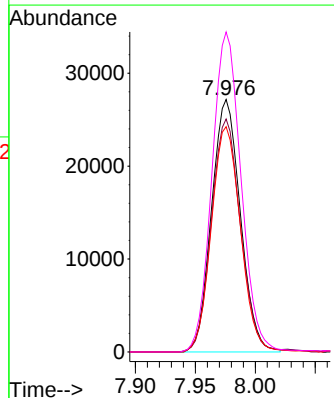
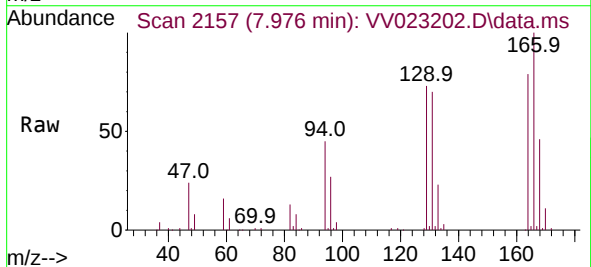
Instrument :
MSVOA_V
ClientSampleId :

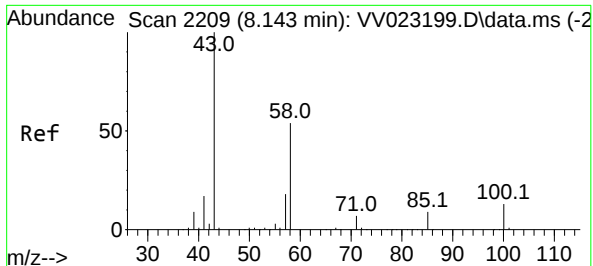
Tgt Ion: 97	Resp: 32149
Ion Ratio	Lower Upper
97 100	
99 62.2	47.0 87.4
83 84.4	62.6 116.3
85 54.9	38.3 71.1



#47
Tetrachloroethene
Concen: 5.172 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt	Ion:164	Resp:	45404
Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.5	121.7
131	89.2	63.9	118.7
166	126.7	91.1	169.1





#48

2-Hexanone

Concen: 54.790 ug/L

RT: 8.140 min Scan# 2209

Delta R.T. -0.003 min

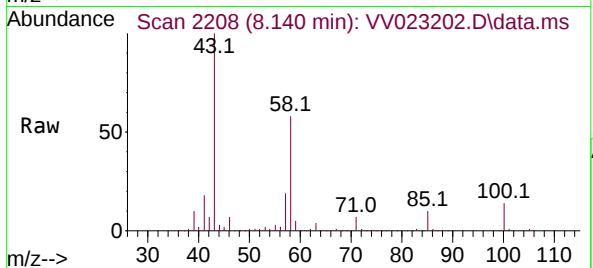
Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 162080

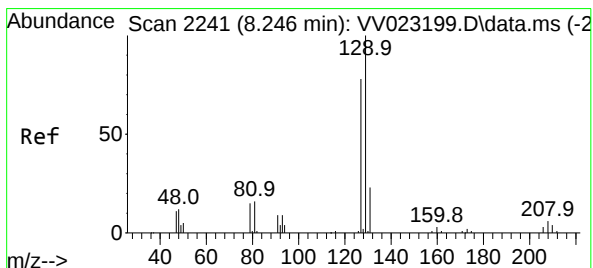
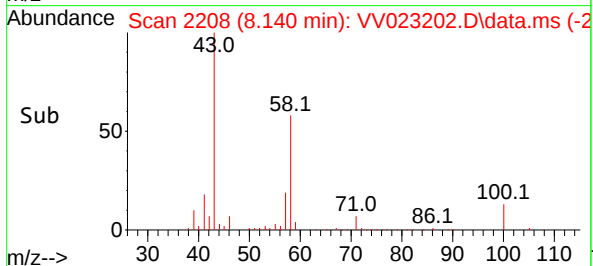
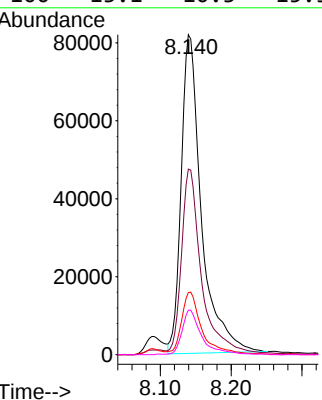
Ion Ratio Lower Upper

43 100

58 57.5 43.0 64.6

57 20.0 14.9 22.3

100 13.1 10.3 15.5



#49

Dibromochloromethane

Concen: 5.161 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV023202.D

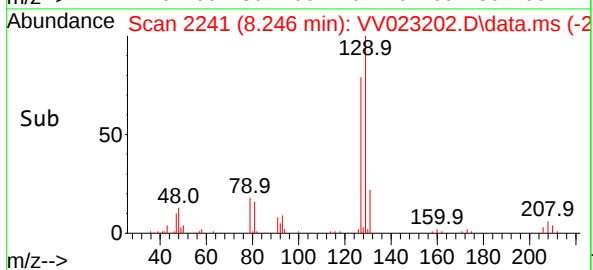
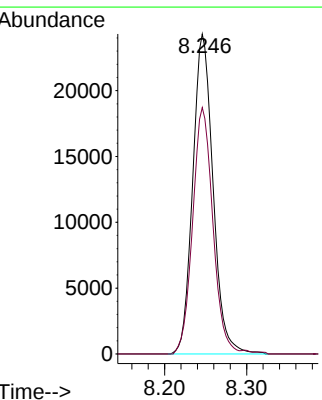
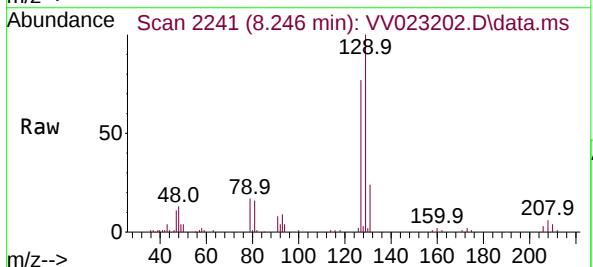
Acq: 04 Nov 2021 14:22

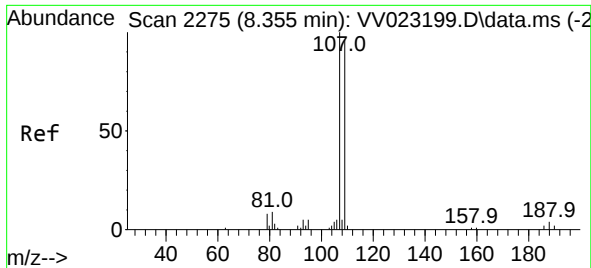
Tgt Ion:129 Resp: 41784

Ion Ratio Lower Upper

129 100

127 77.0 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.168 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023202.D

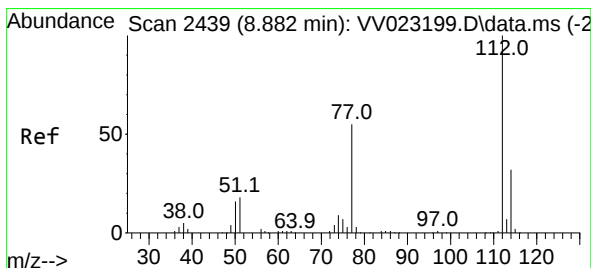
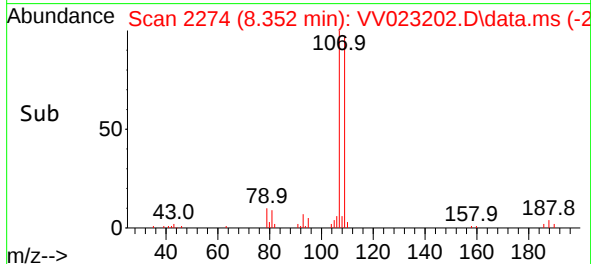
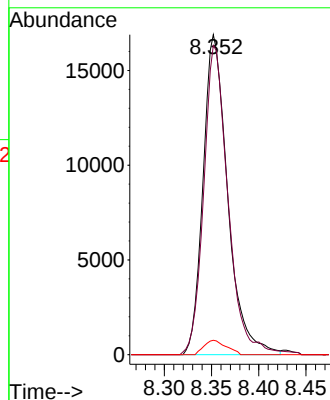
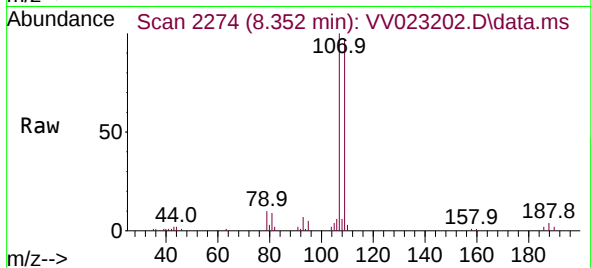
Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	30605
Ion Ratio	Lower	Upper
107	100	
109	96.7	67.0 124.4
188	4.5	2.9 4.3#



#51

Chlorobenzene

Concen: 5.148 ug/L

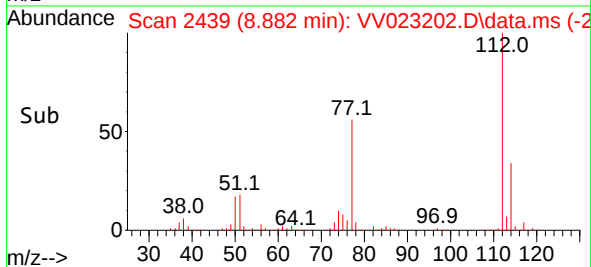
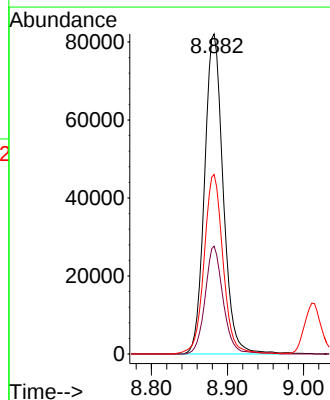
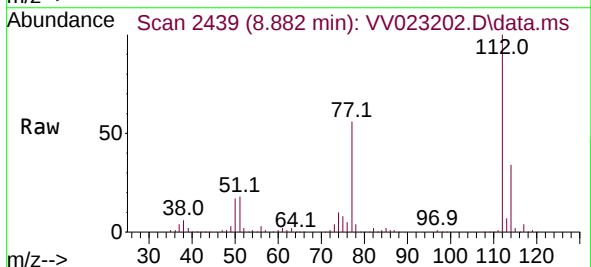
RT: 8.882 min Scan# 2439

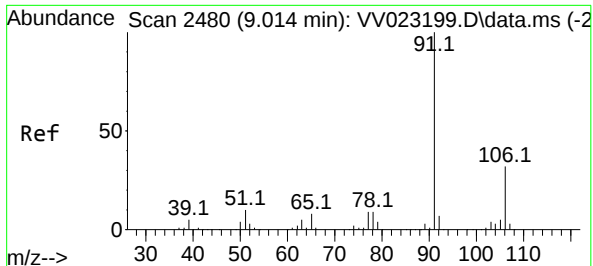
Delta R.T. 0.000 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Tgt Ion:112	Resp:	139416
Ion Ratio	Lower	Upper
112	100	
114	33.7	22.4 41.6
77	56.1	43.8 65.8





#52

Ethylbenzene

Concen: 5.318 ug/L

RT: 9.011 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

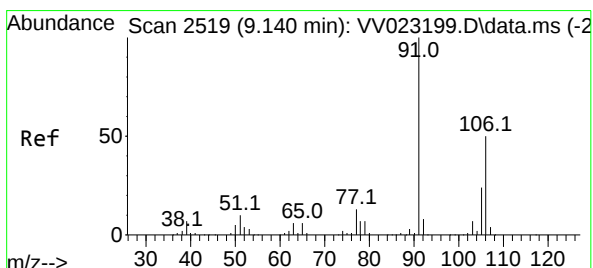
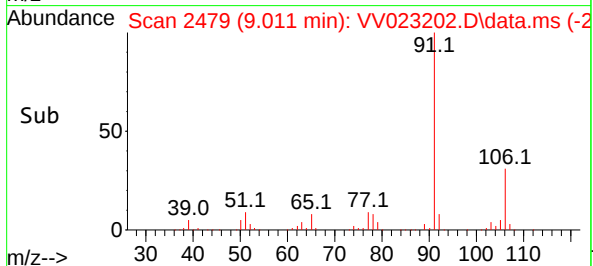
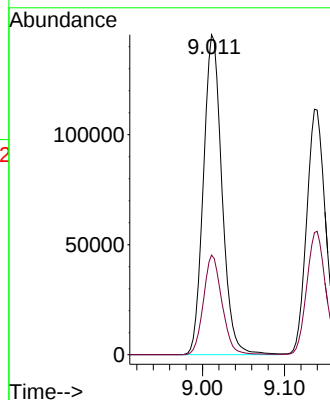
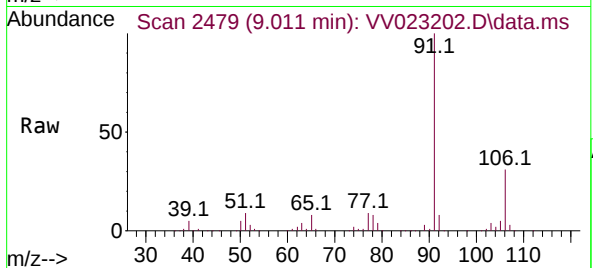
ClientSampleId :

Tgt Ion: 91 Resp: 228524

Ion Ratio Lower Upper

91 100

106 31.2 22.3 41.5



#53

m,p-xylene

Concen: 5.405 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023202.D

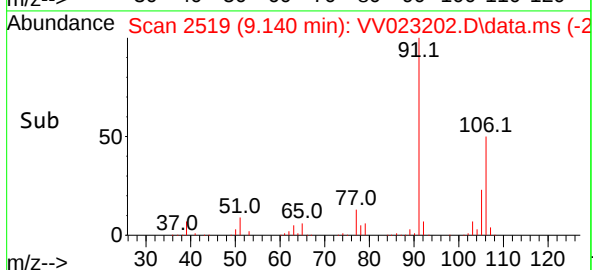
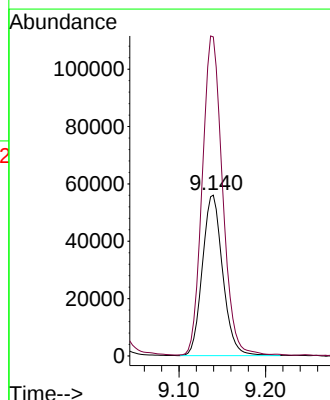
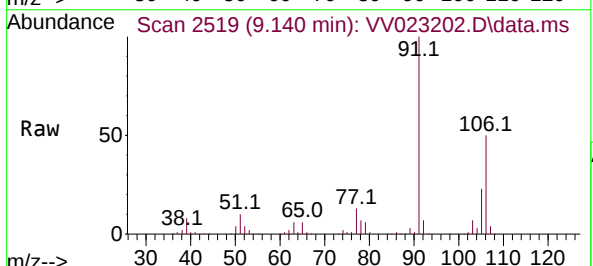
Acq: 04 Nov 2021 14:22

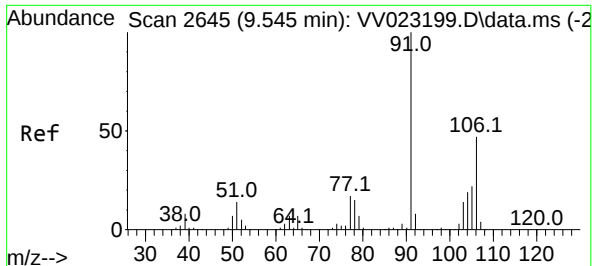
Tgt Ion: 106 Resp: 91146

Ion Ratio Lower Upper

106 100

91 198.5 140.1 260.1

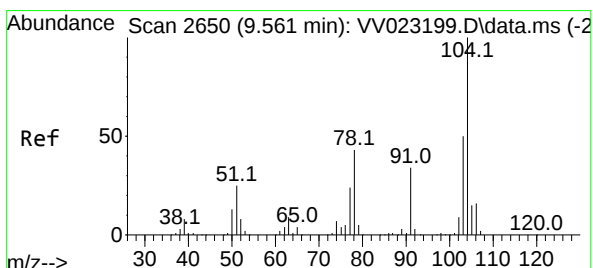
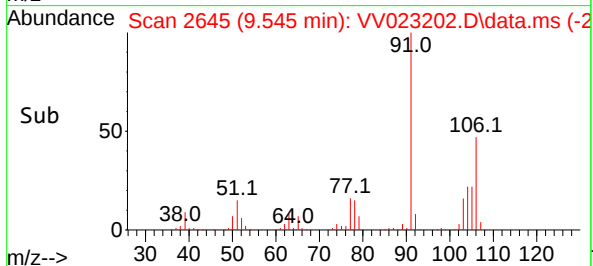
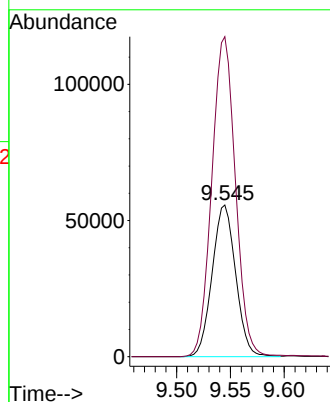
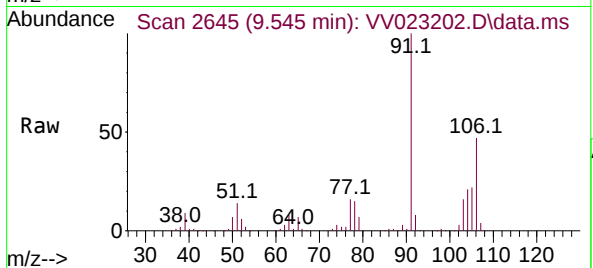




#54
o-xylene
Concen: 5.351 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

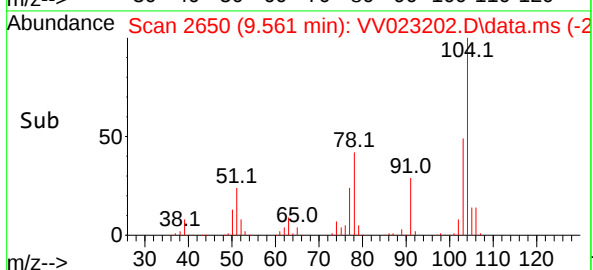
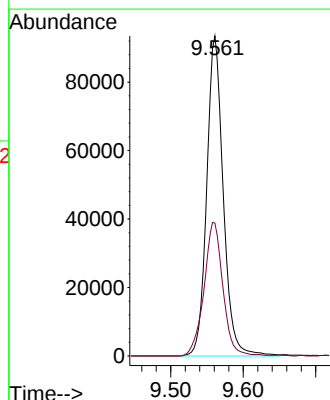
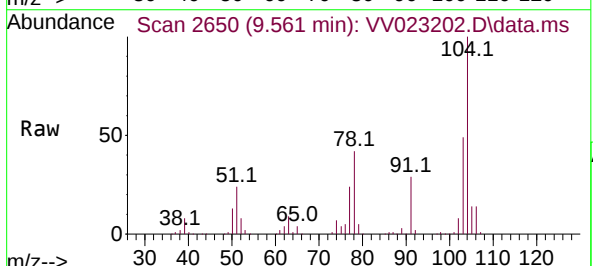
Instrument :
MSVOA_V
ClientSampleId :

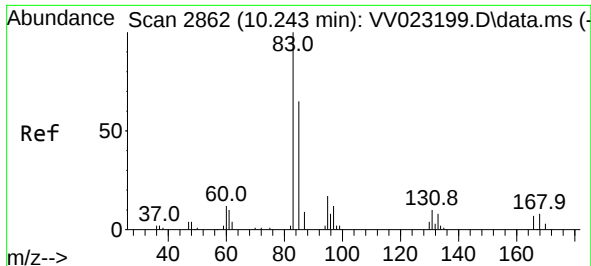
Tgt Ion:106 Resp: 84661
Ion Ratio Lower Upper
106 100
91 211.0 148.1 275.1



#55
Styrene
Concen: 5.474 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion:104 Resp: 148372
Ion Ratio Lower Upper
104 100
78 41.5 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.060 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

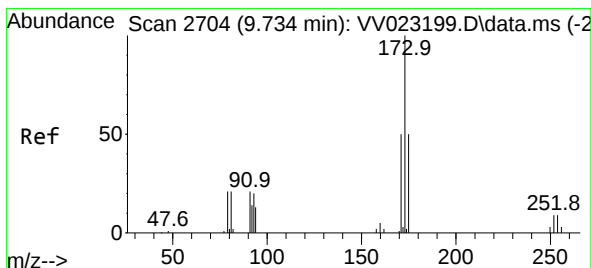
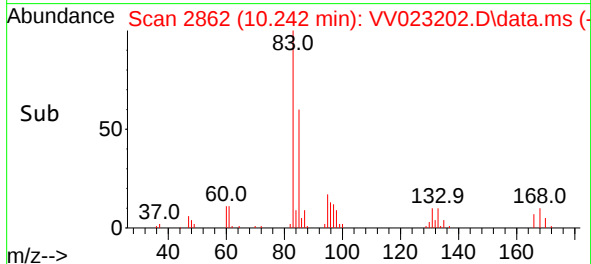
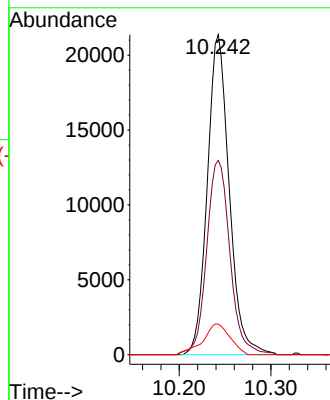
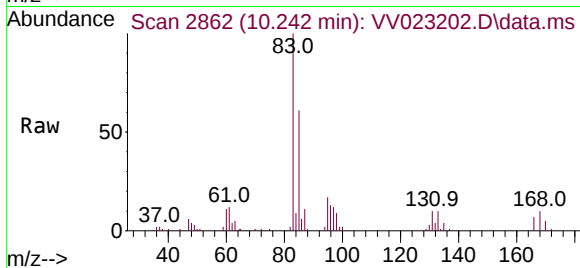
Tgt Ion: 83 Resp: 35424

Ion Ratio Lower Upper

83 100

85 60.7 46.2 85.8

131 9.5 8.7 13.1



#59

Bromoform

Concen: 5.030 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

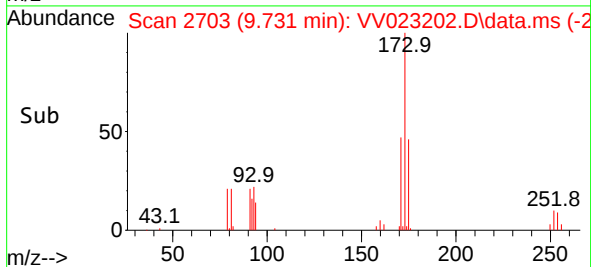
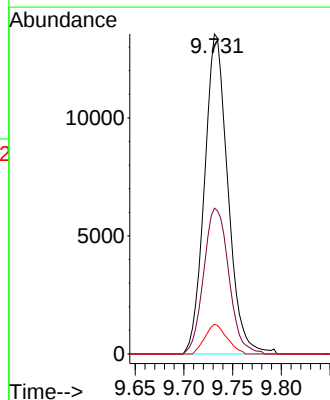
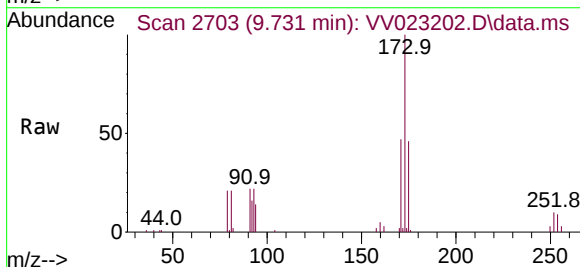
Tgt Ion: 173 Resp: 22609

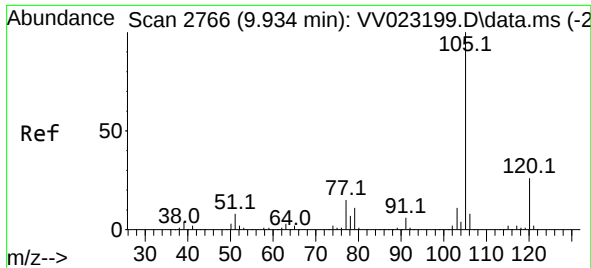
Ion Ratio Lower Upper

173 100

175 49.0 39.7 59.5

254 8.7 6.6 10.0

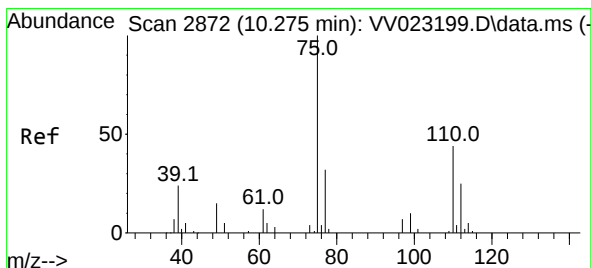
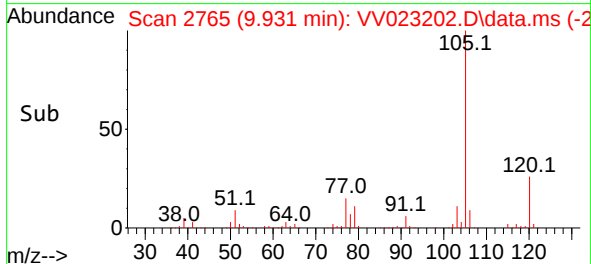
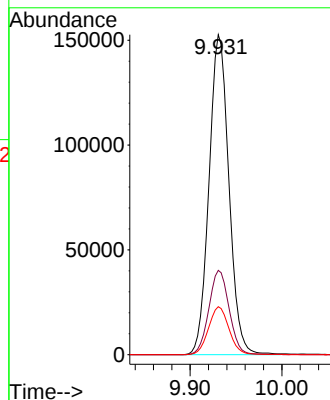
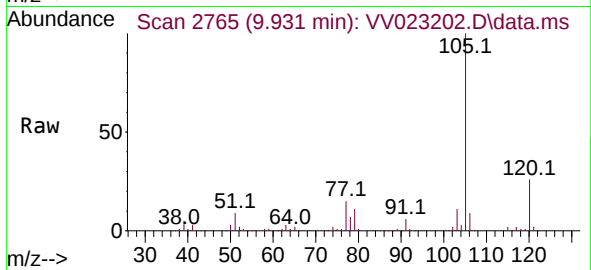




#60
Isopropylbenzene
Concen: 5.324 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

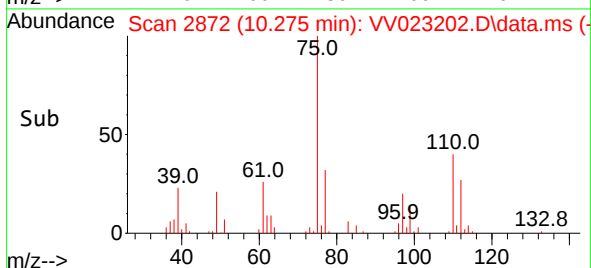
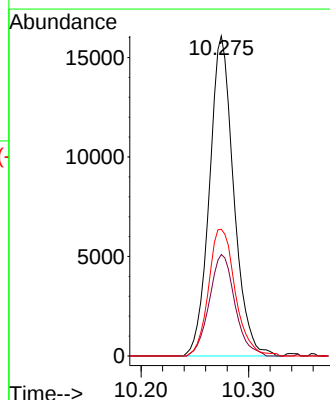
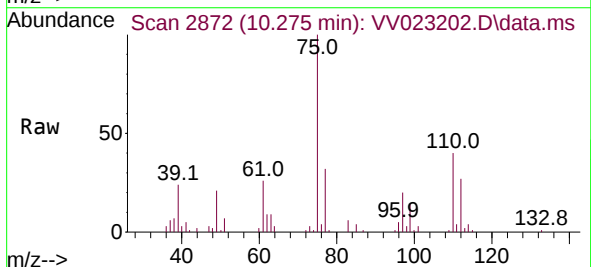
Instrument :
MSVOA_V
ClientSampleId :

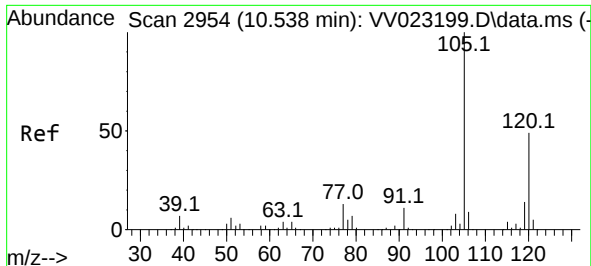
Tgt Ion:105 Resp: 229922
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 15.4 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.041 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion: 75 Resp: 25200
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8
110 43.6 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 5.413 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

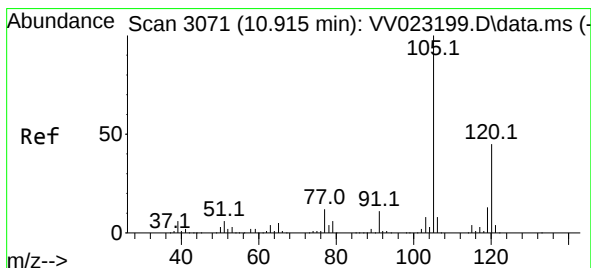
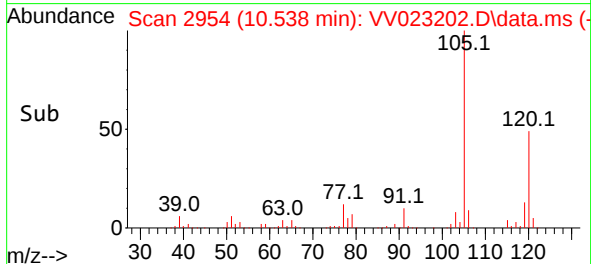
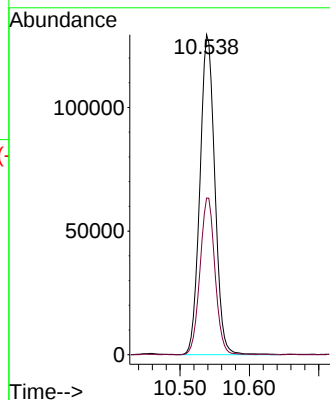
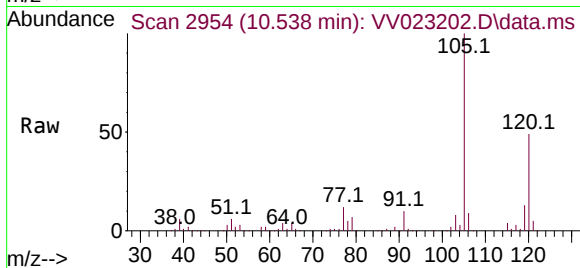
ClientSampleId :

Tgt Ion:105 Resp: 193810

Ion Ratio Lower Upper

105 100

120 49.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.530 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023202.D

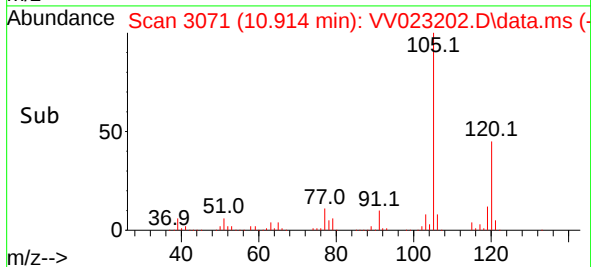
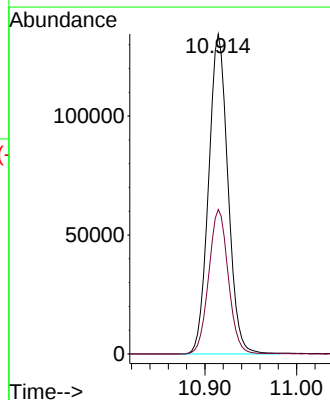
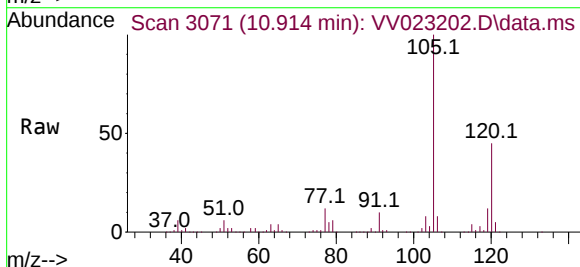
Acq: 04 Nov 2021 14:22

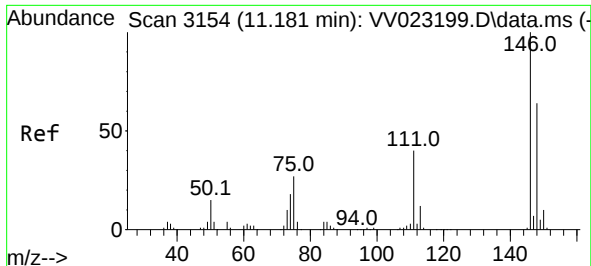
Tgt Ion:105 Resp: 197091

Ion Ratio Lower Upper

105 100

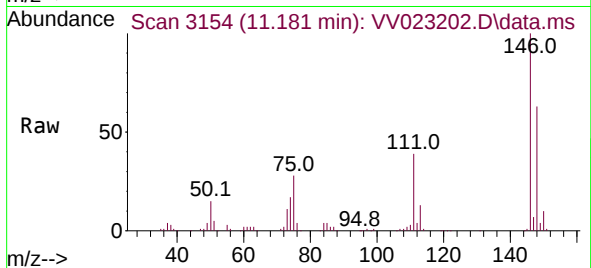
120 45.6 36.5 54.7



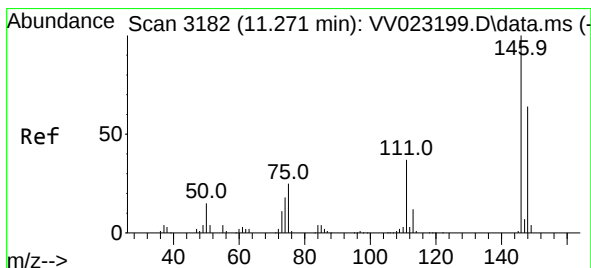
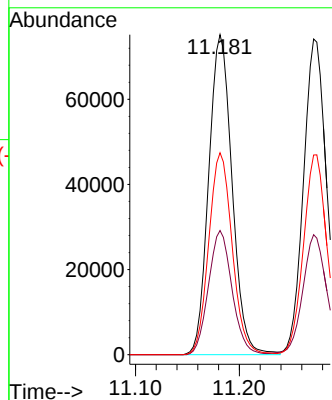
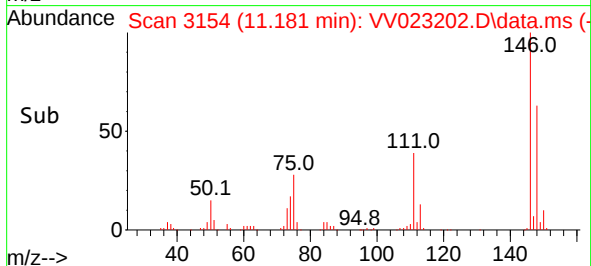


#64
1,3-Dichlorobenzene
Concen: 5.321 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

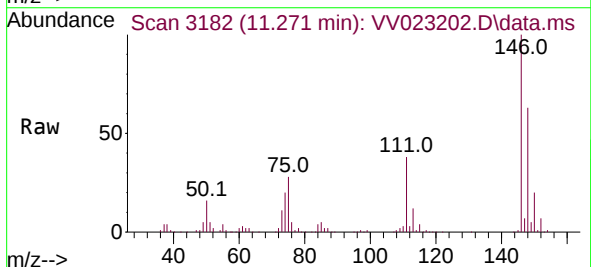
Instrument :
MSVOA_V
ClientSampleId :



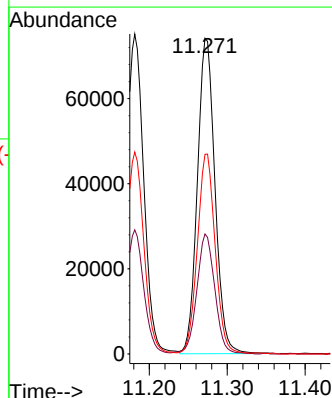
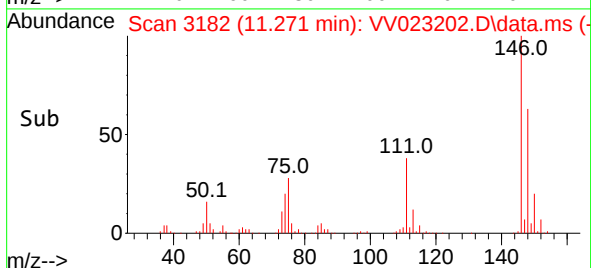
Tgt Ion:146 Resp: 117413
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.3
148 63.1 44.9 83.5

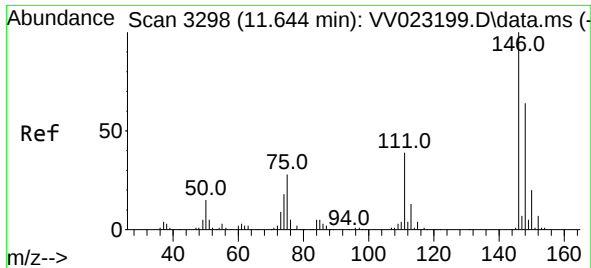


#65
1,4-Dichlorobenzene
Concen: 5.161 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22



Tgt Ion:146 Resp: 116295
Ion Ratio Lower Upper
146 100
111 38.0 26.1 48.5
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.139 ug/L

RT: 11.641 min Scan# 3298

Delta R.T. -0.003 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

Instrument :

MSVOA_V

ClientSampleId :

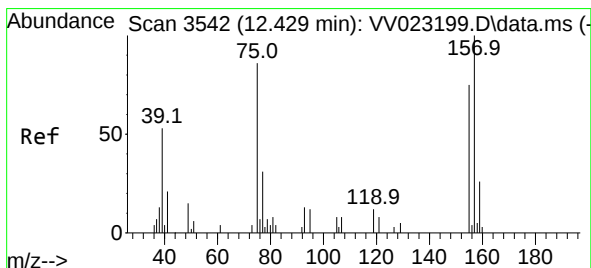
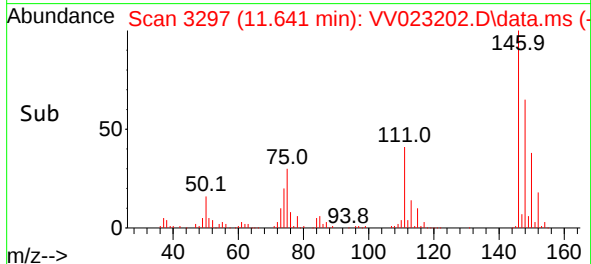
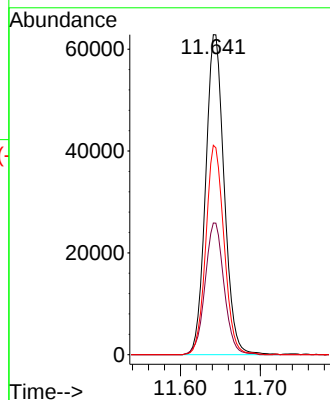
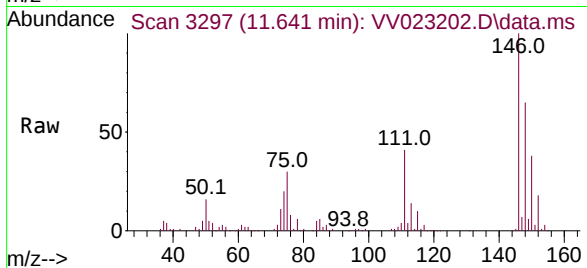
Tgt Ion:146 Resp: 101463

Ion Ratio Lower Upper

146 100

111 41.1 31.3 46.9

148 65.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.564 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023202.D

Acq: 04 Nov 2021 14:22

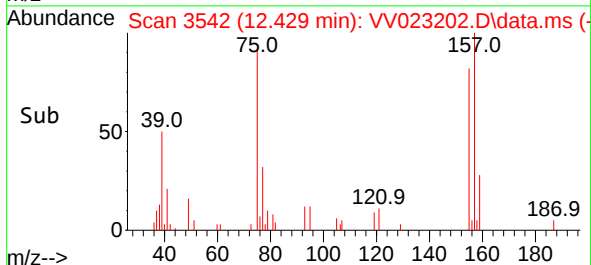
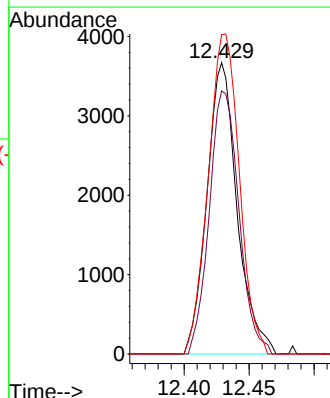
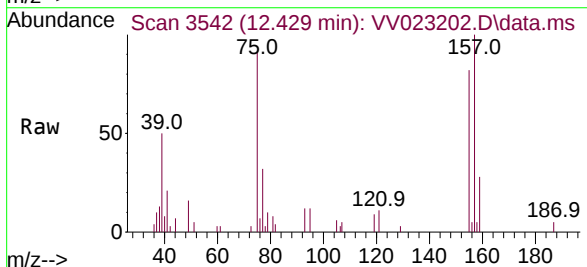
Tgt Ion: 75 Resp: 5926

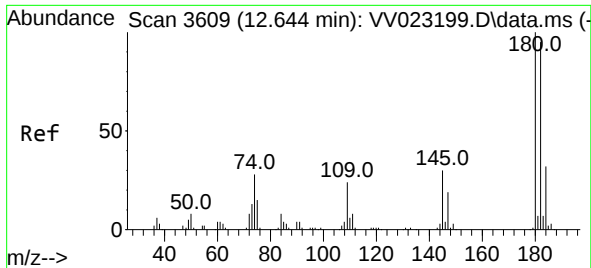
Ion Ratio Lower Upper

75 100

155 90.3 69.4 104.2

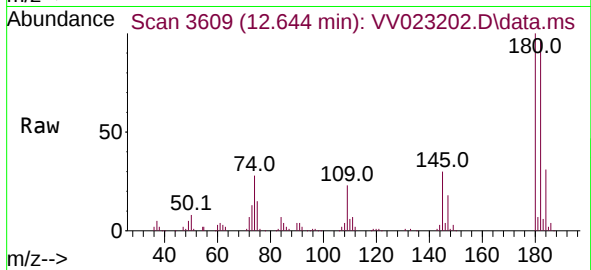
157 109.6 92.8 139.2



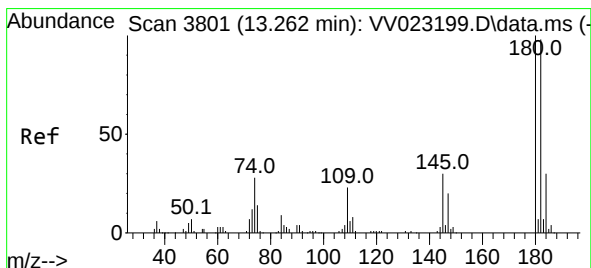
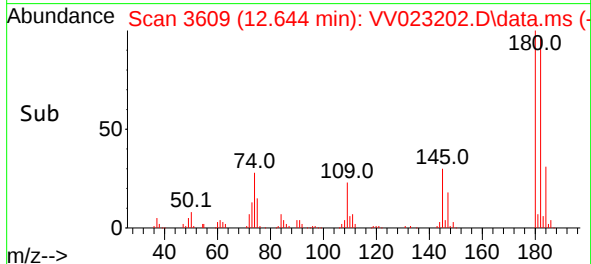
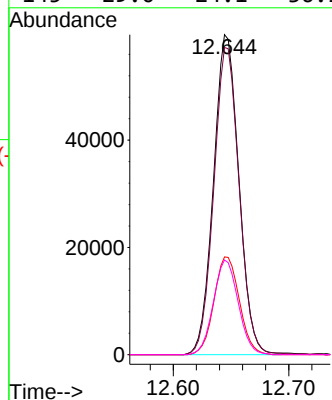


#69
 1,3,5-Trichlorobenzene
 Concen: 5.264 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

Instrument :
 MSVOA_V
 ClientSampleId :

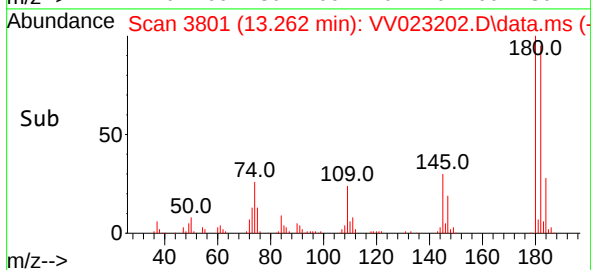
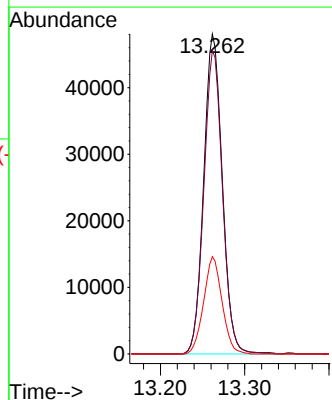
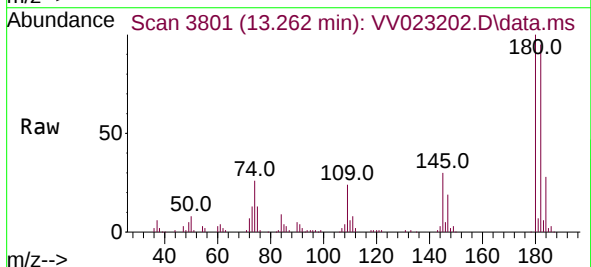


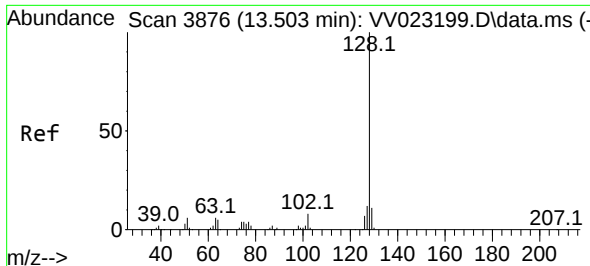
Tgt Ion:180 Resp: 90941
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.1 115.7
 184 30.6 24.9 37.3
 145 29.0 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.331 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023202.D
 Acq: 04 Nov 2021 14:22

Tgt Ion:180 Resp: 73761
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.2
 145 30.2 24.1 36.1

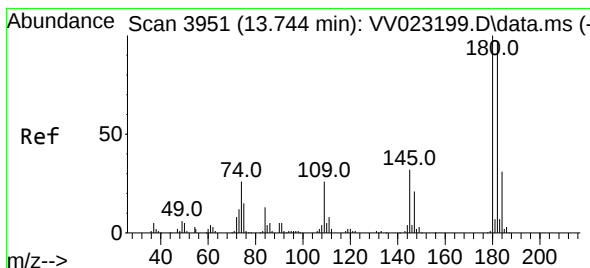
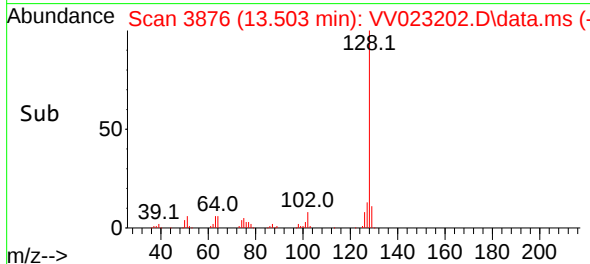
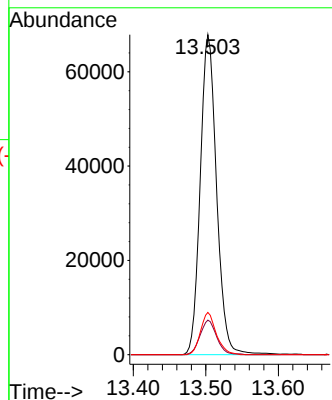
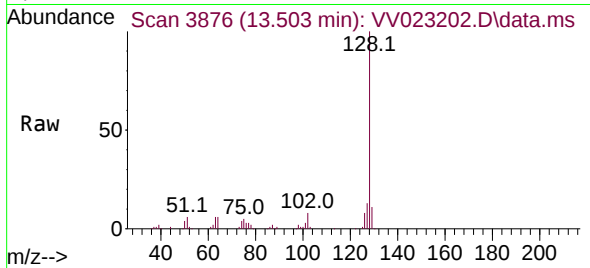




#71
Naphthalene
Concen: 5.204 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 106173
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.365 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023202.D
Acq: 04 Nov 2021 14:22

Tgt Ion:180 Resp: 64941
Ion Ratio Lower Upper
180 100
182 94.7 77.1 115.7
145 31.5 25.4 38.0

