

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023293.D
 Acq On : 09 Nov 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 10 00:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126388	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34506	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.565	69	31587	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	72454	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.892	46	78887	57.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	4.343	84	83440	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.031	65	37954	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	155009	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	47284	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	144455	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.622	79	17742	4.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	72412	54.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36176	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55938	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	63374	5.142	ug/L	100
3) Chloromethane	1.237	50	55394	5.287	ug/L	97
5) Vinyl chloride	1.307	62	55775	5.330	ug/L	99
6) Bromomethane	1.520	94	32542	4.865	ug/L	98
8) Chloroethane	1.584	64	33931	5.619	ug/L	99
9) Trichlorofluoromethane	1.751	101	83539	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44191	5.583	ug/L	98
12) 1,1-Dichloroethene	2.114	96	40744	5.406	ug/L	90
13) Acetone	2.185	43	47995	57.583	ug/L	93
14) Carbon disulfide	2.291	76	145672	5.122	ug/L	98
15) Methyl Acetate	2.436	43	12923	5.478	ug/L	96
16) Methylene chloride	2.503	84	52449	4.769	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	85300	5.141	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	48373	5.221	ug/L	96
19) 1,1-Dichloroethane	3.185	63	83703	5.351	ug/L	98
21) 2-Butanone	3.976	43	75020	55.671	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	46743	5.242	ug/L	# 89
23) Bromochloromethane	4.243	128	22060	5.365	ug/L	90
25) Chloroform	4.371	83	88777	5.324	ug/L	96

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 ClientSampleId :

Quant Time: Nov 10 00:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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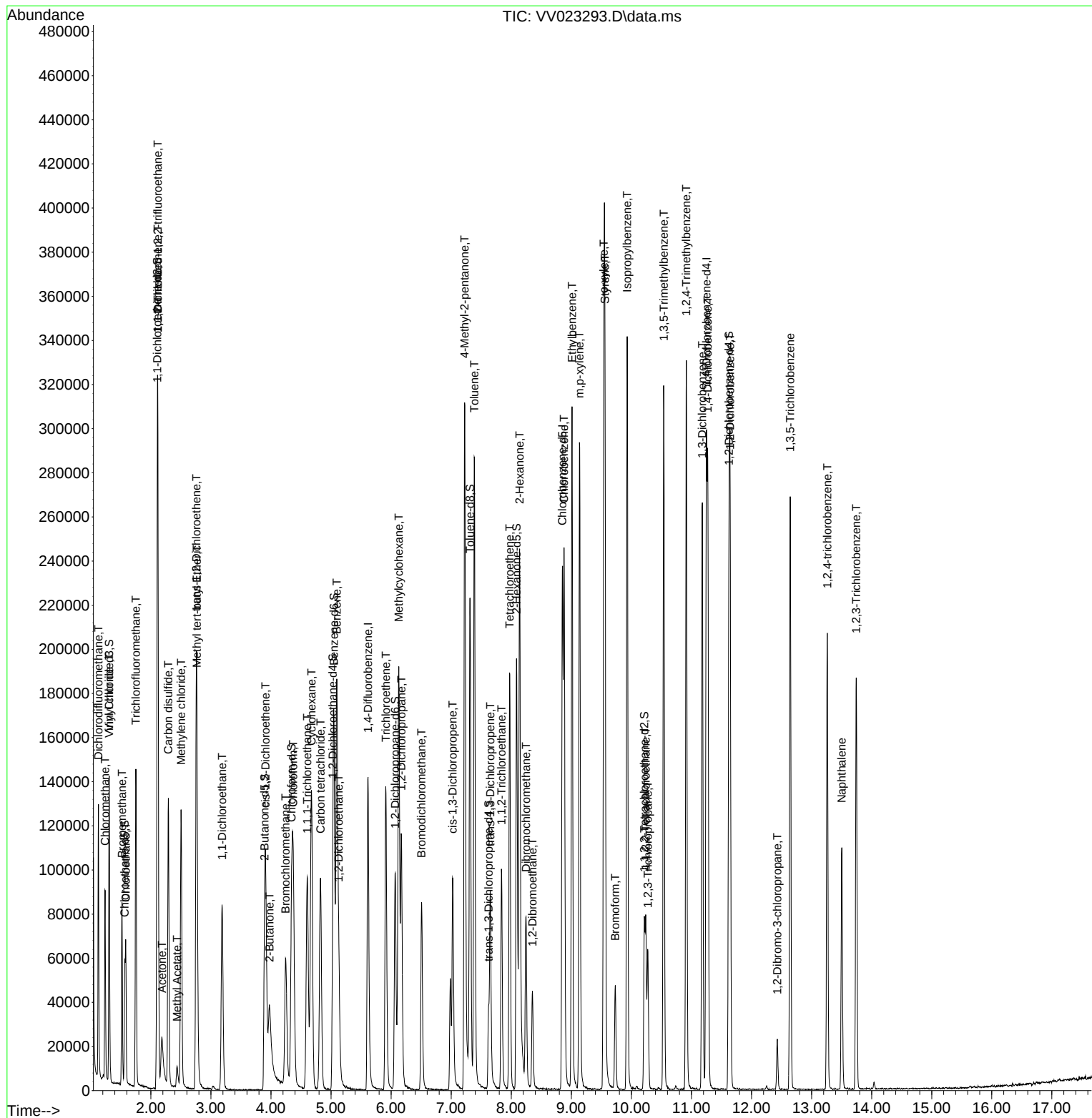
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46686	5.264	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	78930	5.128	ug/L	99
30) Cyclohexane	4.674	56	69338	5.028	ug/L	98
31) Carbon tetrachloride	4.825	117	72790	5.266	ug/L	98
33) Benzene	5.095	78	186944	5.278	ug/L	100
34) Trichloroethene	5.912	95	48513	5.151	ug/L	97
35) Methylcyclohexane	6.127	83	74200	4.991	ug/L	96
37) 1,2-Dichloropropane	6.172	63	44786	5.416	ug/L	99
38) Bromodichloromethane	6.506	83	57038	5.147	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	59815	5.030	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	219789	57.313	ug/L	98
42) Toluene	7.384	91	207144	5.468	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51911	5.261	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	32031	5.391	ug/L	96
47) Tetrachloroethene	7.973	164	43130	5.284	ug/L	100
48) 2-Hexanone	8.140	43	161237	60.003	ug/L	99
49) Dibromochloromethane	8.246	129	40336	5.358	ug/L	97
50) 1,2-Dibromoethane	8.352	107	29345	5.330	ug/L	95
51) Chlorobenzene	8.879	112	130469	5.181	ug/L	100
52) Ethylbenzene	9.011	91	208427	5.216	ug/L	99
53) m,p-xylene	9.137	106	83063	5.297	ug/L	96
54) o-xylene	9.542	106	78734	5.352	ug/L	98
55) Styrene	9.561	104	138692	5.503	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	34523	5.304	ug/L	98
59) Bromoform	9.731	173	22035	5.160	ug/L #	98
60) Isopropylbenzene	9.931	105	209031	5.095	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25143	5.295	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167832	4.934	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	172914	5.107	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	108969	5.199	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	109417	5.111	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	96431	5.141	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5478	5.414	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	81381	4.959	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	63436	4.827	ug/L	99
71) Naphthalene	13.503	128	86760	4.477	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	57409	4.993	ug/L	98

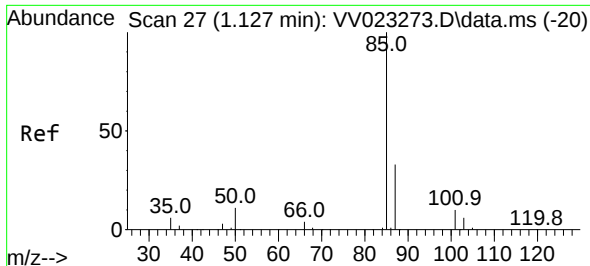
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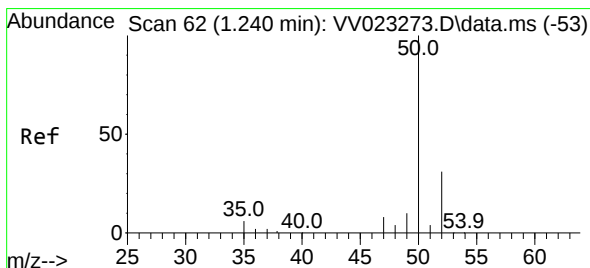
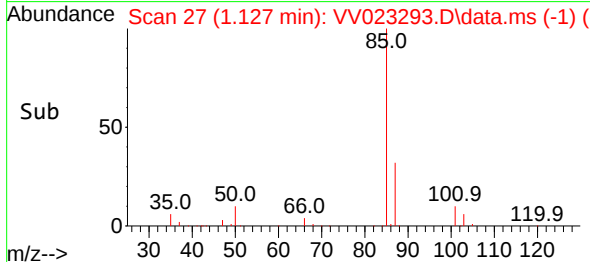
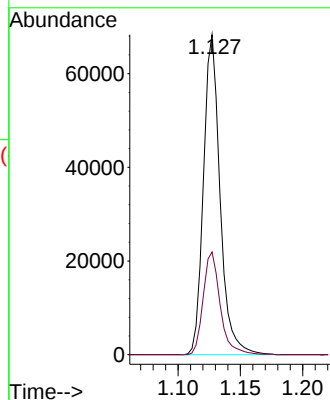
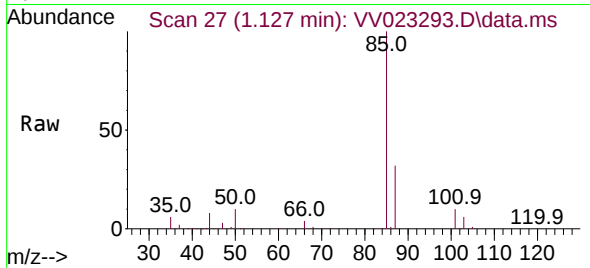




#2
 Dichlorodifluoromethane
 Concen: 5.142 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

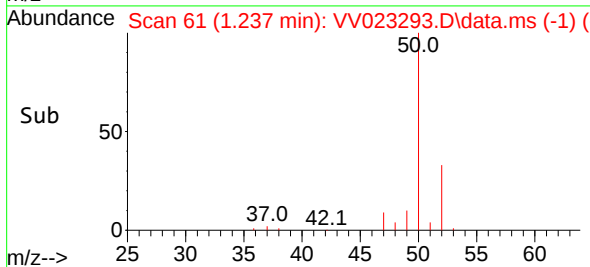
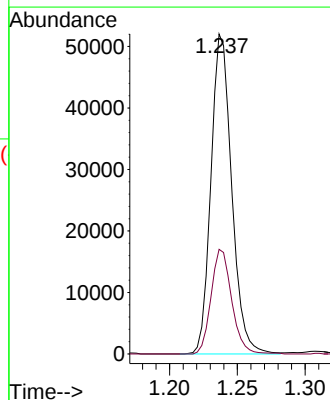
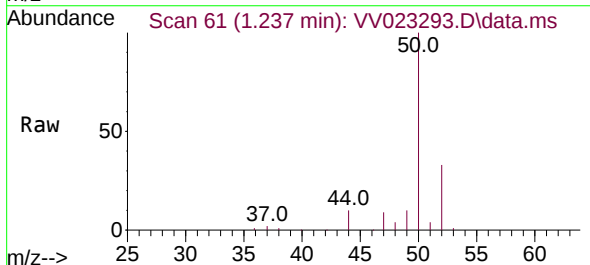
Instrument :
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 ClientSampleId :

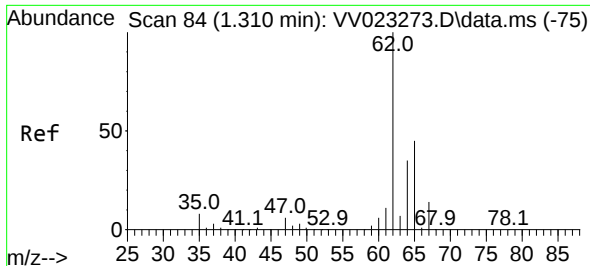
Tgt Ion: 85 Resp: 63374
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 39.8



#3
 Chloromethane
 Concen: 5.287 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

Tgt Ion: 50 Resp: 55394
 Ion Ratio Lower Upper
 50 100
 52 32.7 24.3 45.1

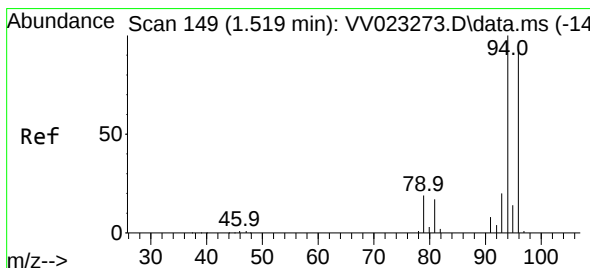
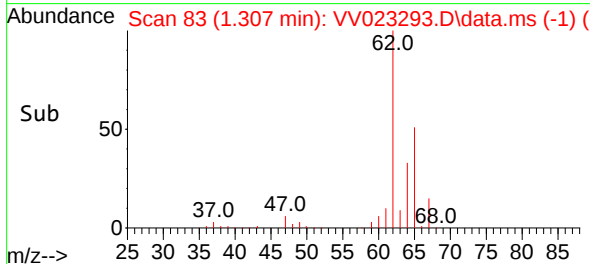
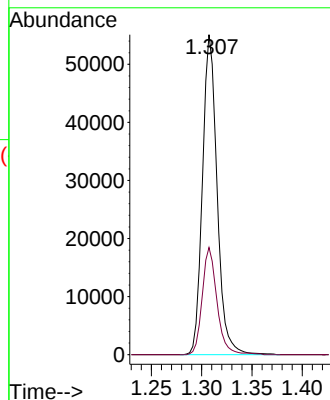
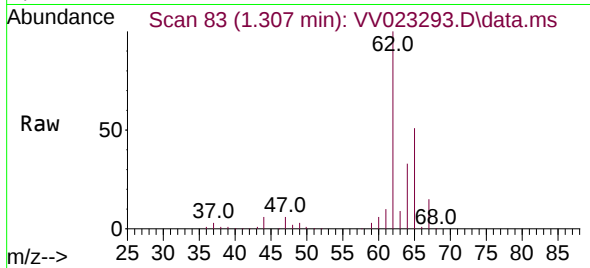




#5
 Vinyl chloride
 Concen: 5.330 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

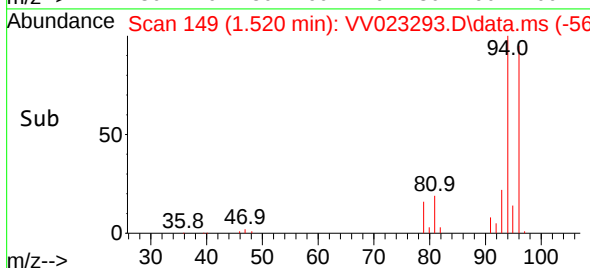
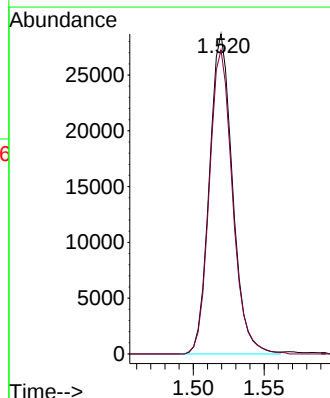
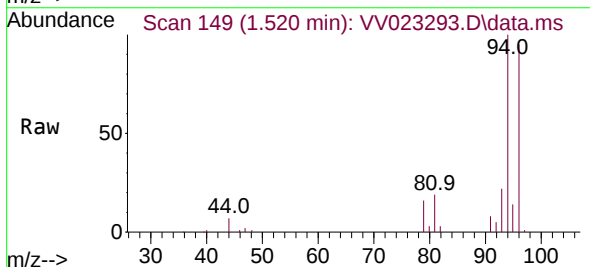
Instrument :
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 ClientSampleId :

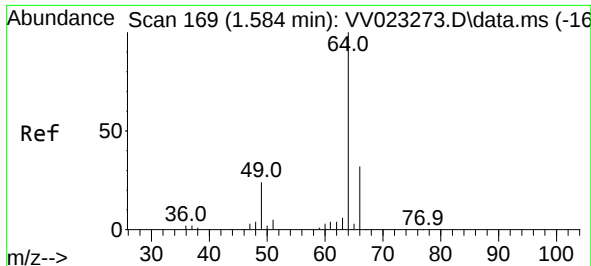
Tgt Ion: 62 Resp: 55775
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.865 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

Tgt Ion: 94 Resp: 32542
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.0 120.8

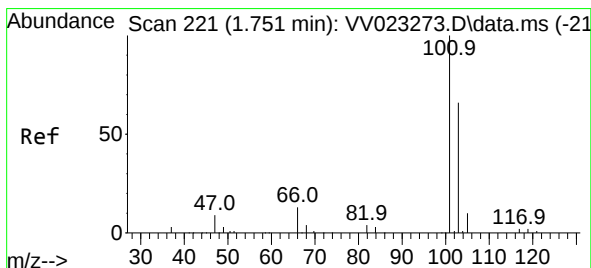
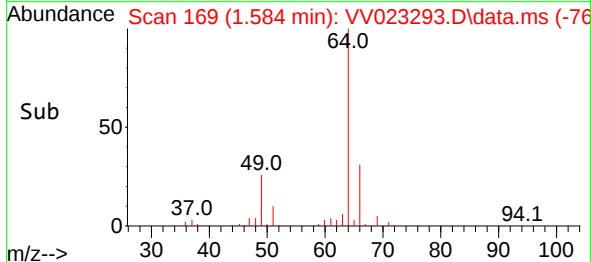
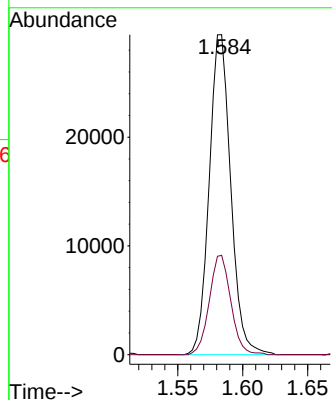
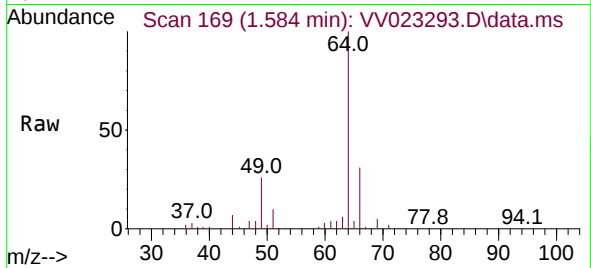




#8
Chloroethane
Concen: 5.619 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

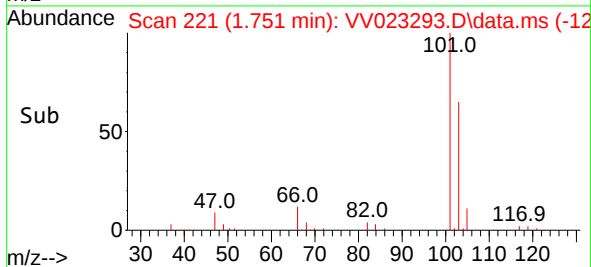
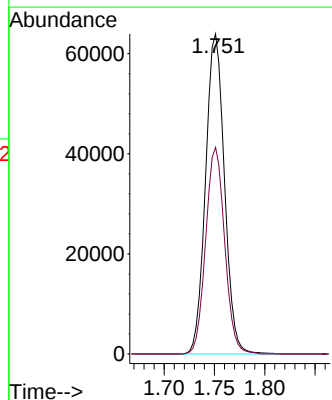
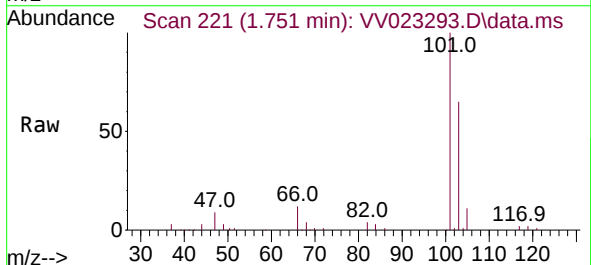
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ClientSampleId :

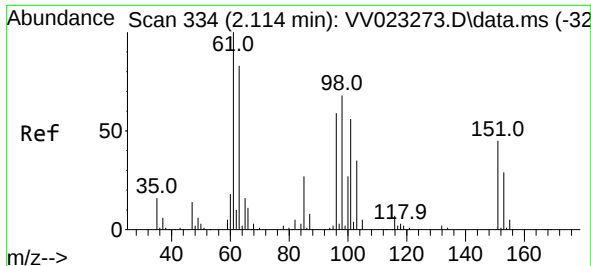
Tgt Ion: 64 Resp: 33931
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.313 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion:101 Resp: 83539
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

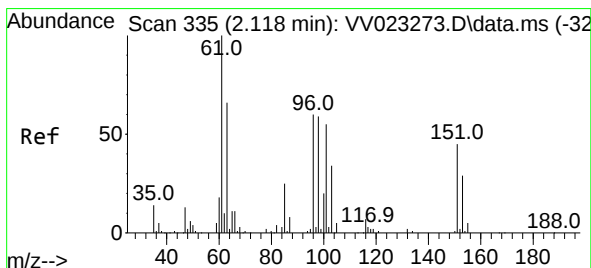
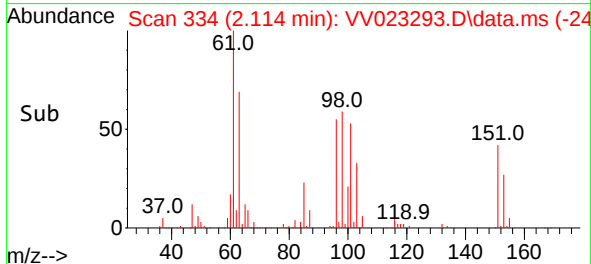
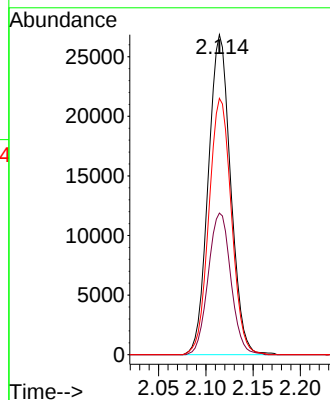
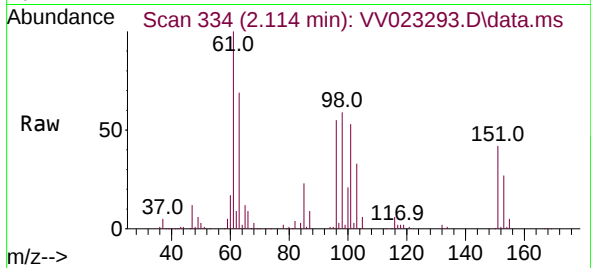




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.583 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

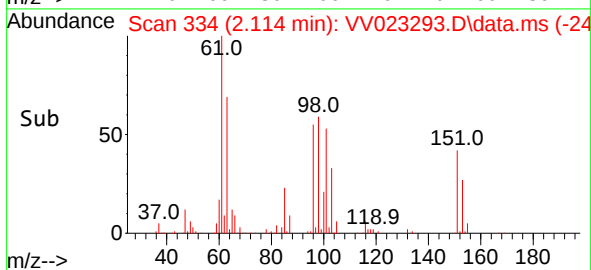
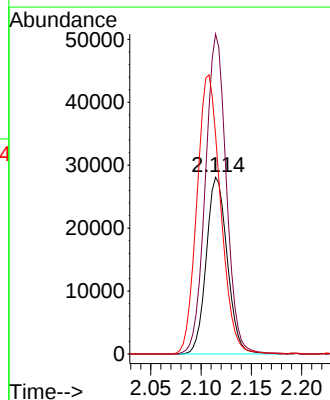
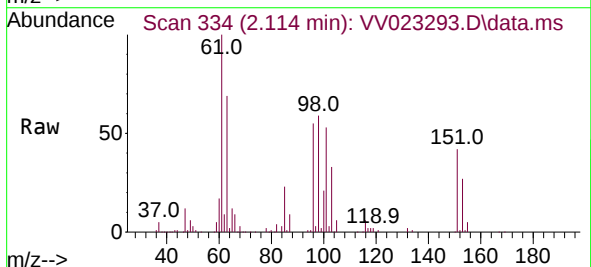
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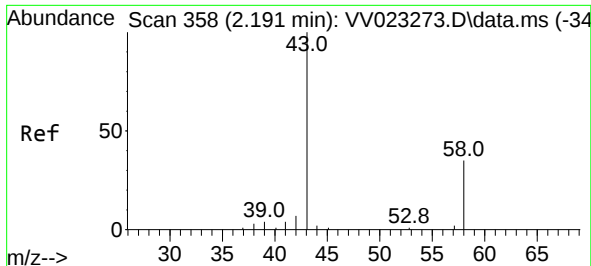
Tgt Ion:101 Resp: 44191
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.3 52.9
 151 80.5 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.406 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

Tgt Ion: 96 Resp: 40744
 Ion Ratio Lower Upper
 96 100
 61 181.1 121.5 225.7
 63 124.3 99.6 185.0





#13

Acetone

Concen: 57.583 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

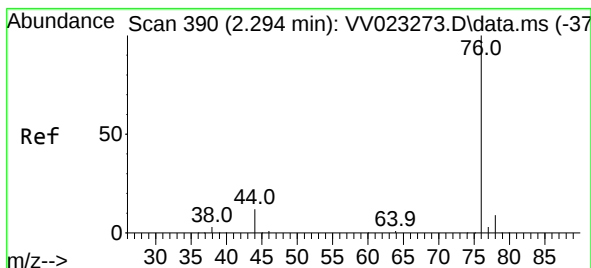
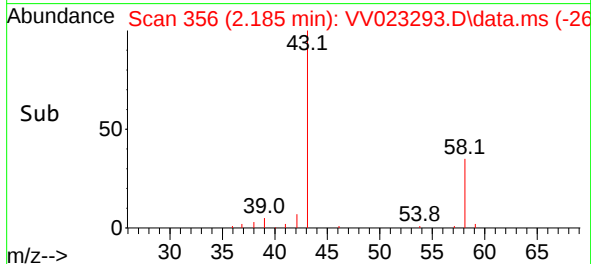
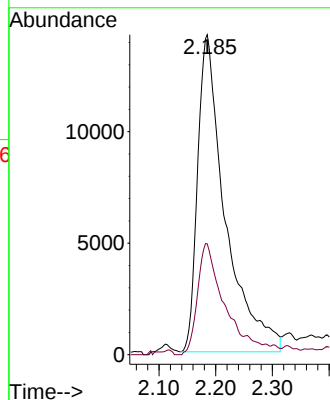
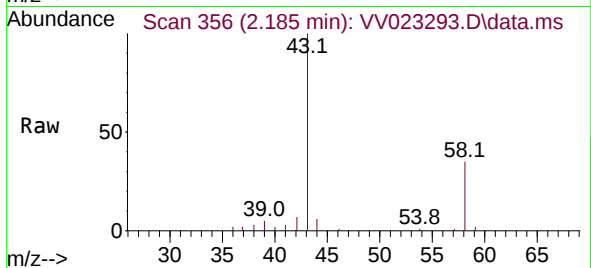
ClientSampleId :

Tgt Ion: 43 Resp: 47995

Ion Ratio Lower Upper

43 100

58 31.5 0.0 55.4



#14

Carbon disulfide

Concen: 5.122 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023293.D

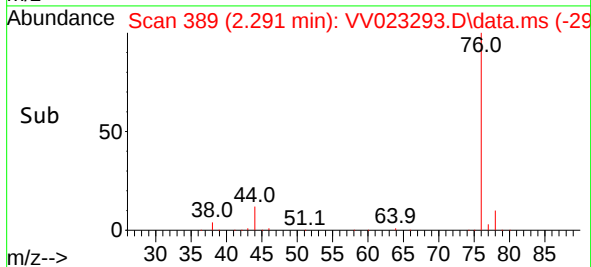
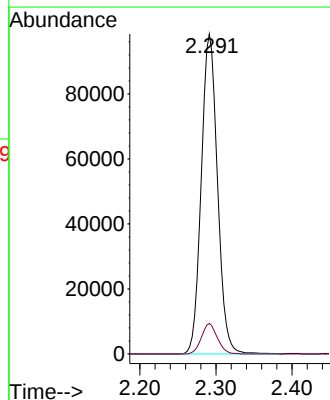
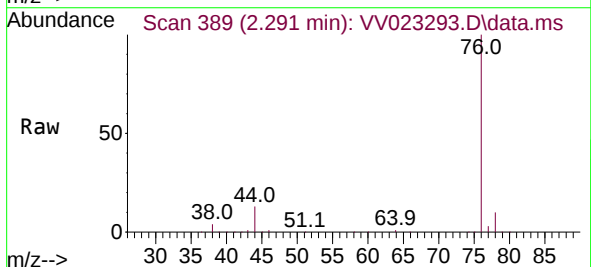
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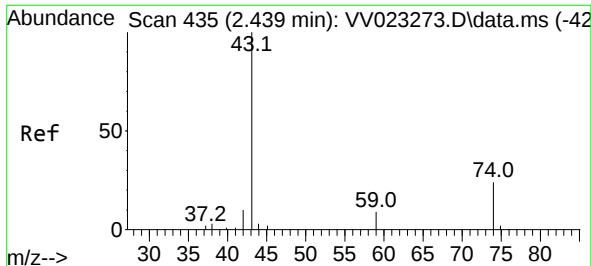
Tgt Ion: 76 Resp: 145672

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

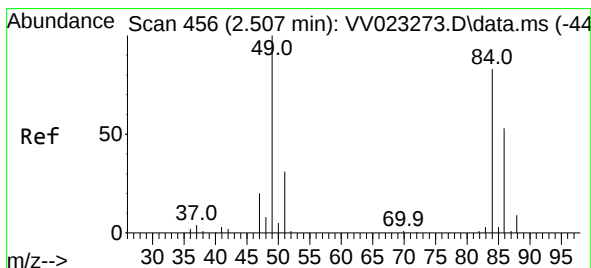
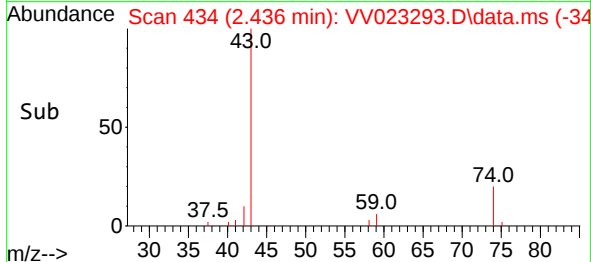
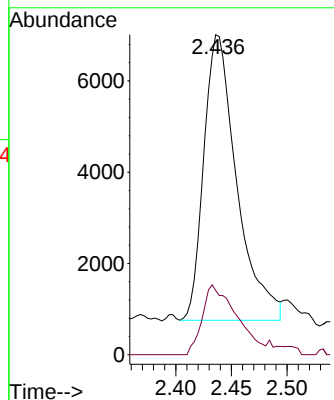
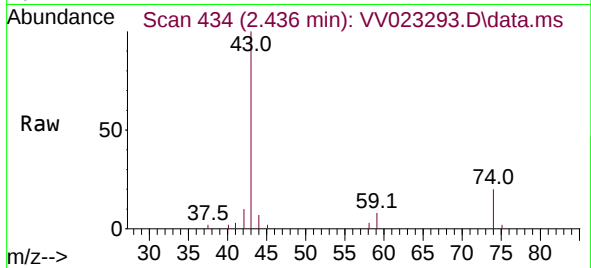




#15
Methyl Acetate
Concen: 5.478 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

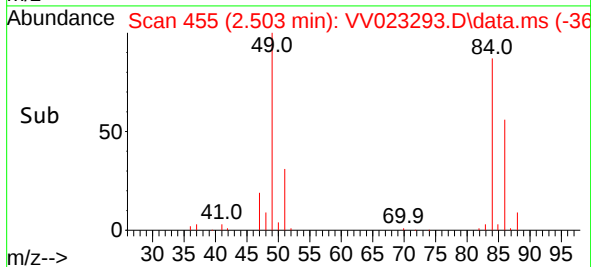
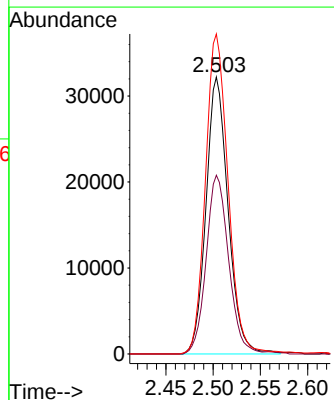
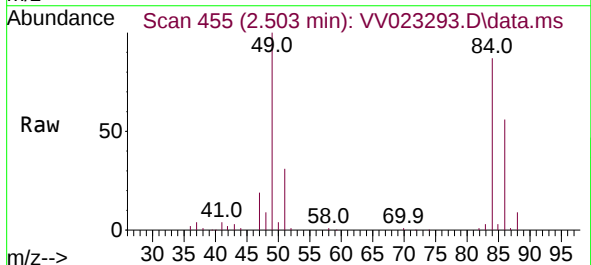
Instrument :
MSVOA_V
ClientSampleId :

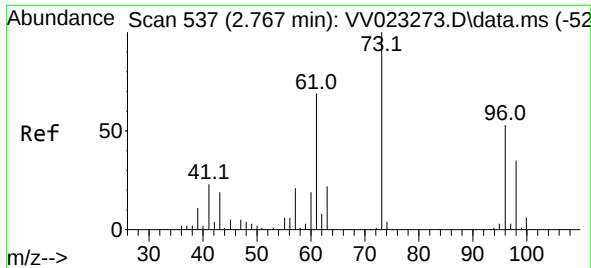
Tgt Ion: 43 Resp: 12923
Ion Ratio Lower Upper
43 100
74 25.6 22.2 33.2



#16
Methylene chloride
Concen: 4.769 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 84 Resp: 52449
Ion Ratio Lower Upper
84 100
86 64.5 42.3 78.5
49 115.5 79.7 148.1

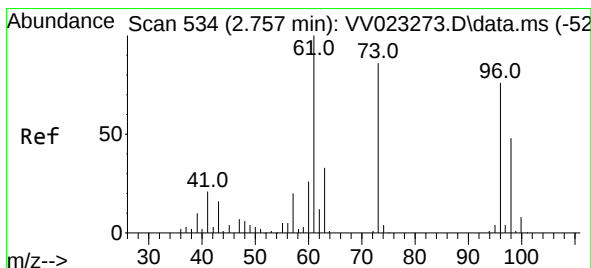
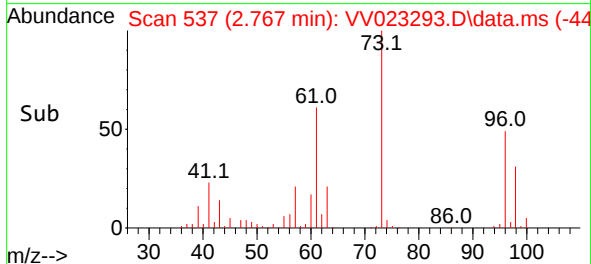
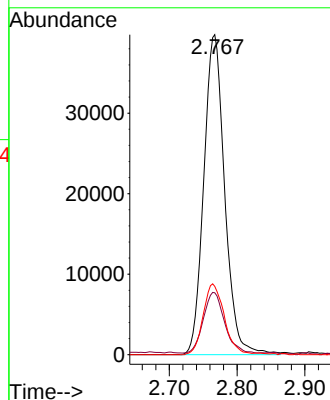
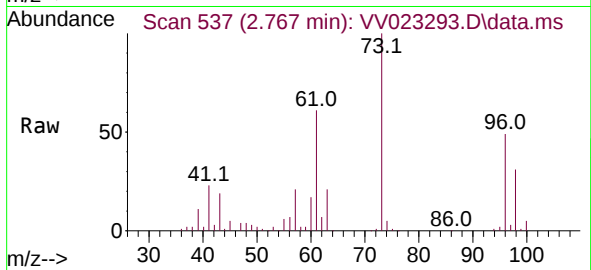




#17
Methyl tert-butyl Ether
Concen: 5.141 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

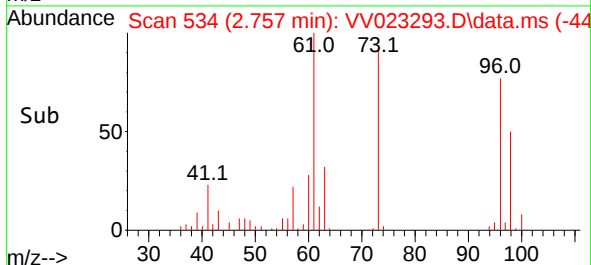
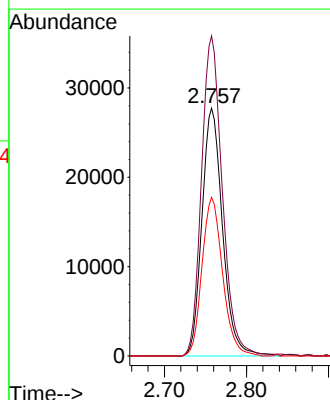
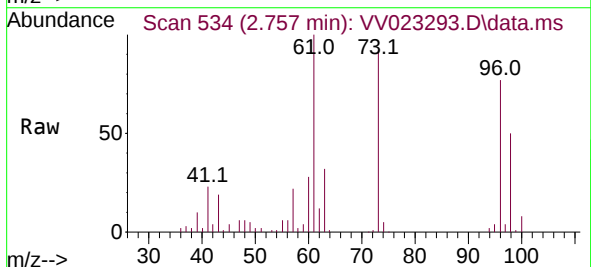
Instrument :
MSVOA_V
ClientSampleId :

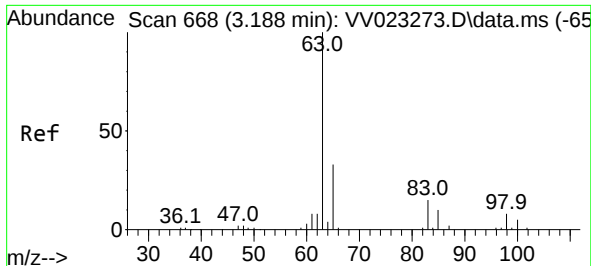
Tgt Ion: 73 Resp: 85300
Ion Ratio Lower Upper
73 100
43 19.1 17.4 26.0
57 22.3 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.221 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 96 Resp: 48373
Ion Ratio Lower Upper
96 100
61 129.1 93.2 173.2
98 64.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.351 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

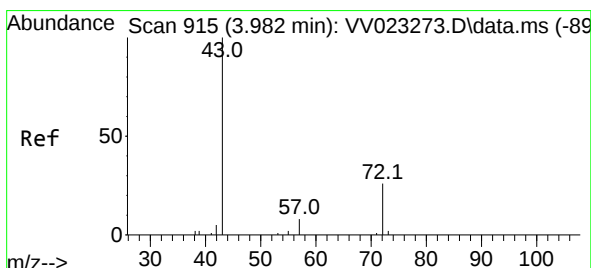
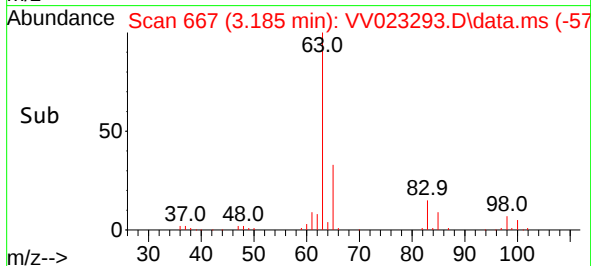
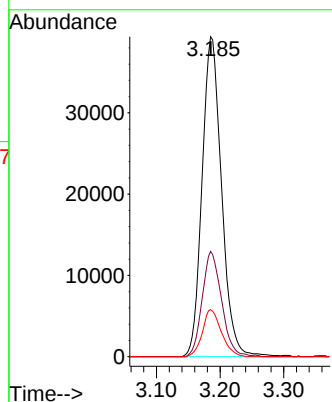
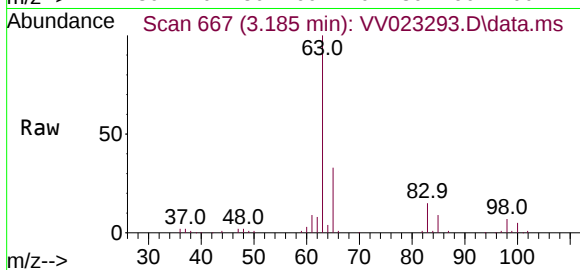
Tgt Ion: 63 Resp: 83703

Ion Ratio Lower Upper

63 100

65 32.9 22.6 42.0

83 14.7 11.1 20.7



#21

2-Butanone

Concen: 55.671 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.006 min

Lab File: VV023293.D

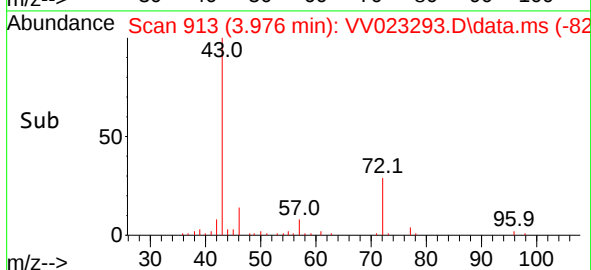
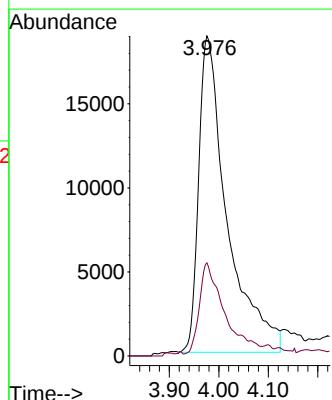
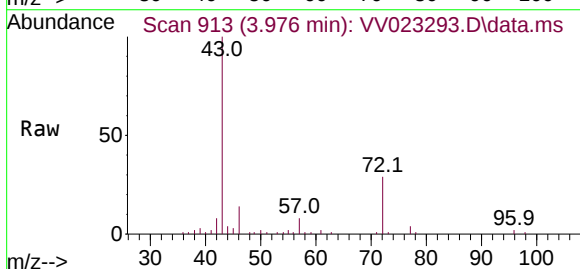
Acq: 09 Nov 2021 10:30

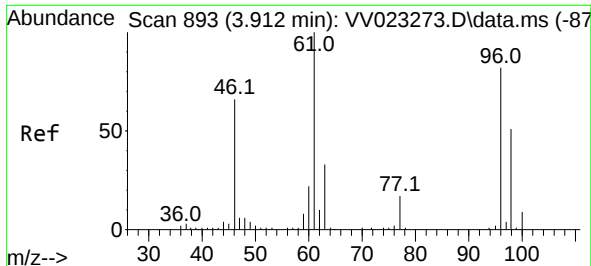
Tgt Ion: 43 Resp: 75020

Ion Ratio Lower Upper

43 100

72 25.4 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.242 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

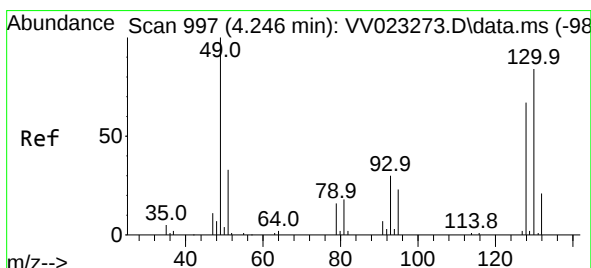
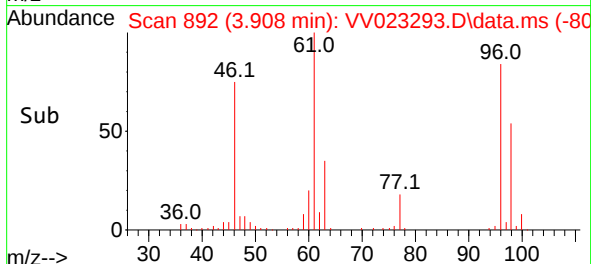
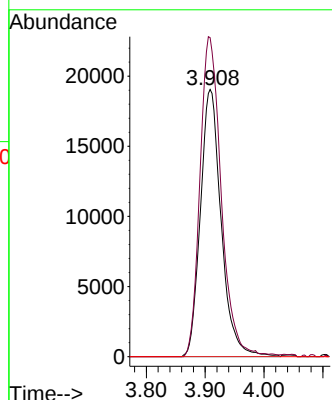
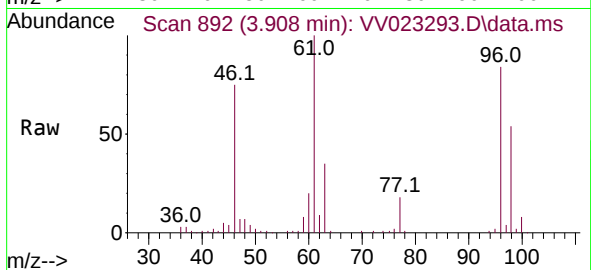
Tgt Ion: 96 Resp: 46743

Ion Ratio Lower Upper

96 100

61 119.4 92.3 171.3

68 0.0 0.4 0.8#



#23

Bromochloromethane

Concen: 5.365 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Tgt Ion:128 Resp: 22060

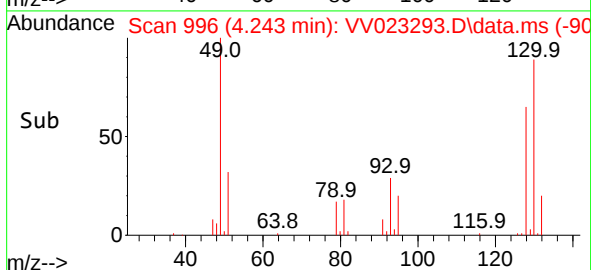
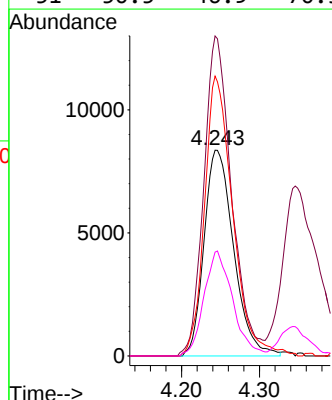
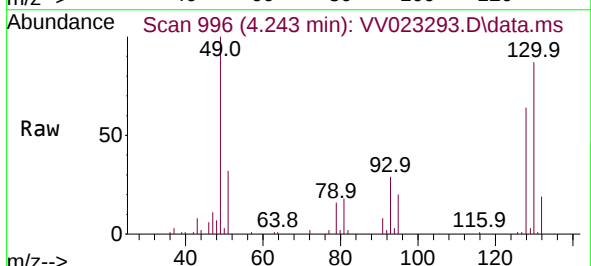
Ion Ratio Lower Upper

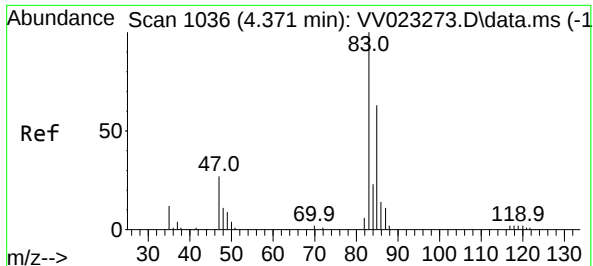
128 100

49 155.5 126.1 234.3

130 136.0 95.2 176.8

51 50.5 46.9 70.3





#25

Chloroform

Concen: 5.324 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

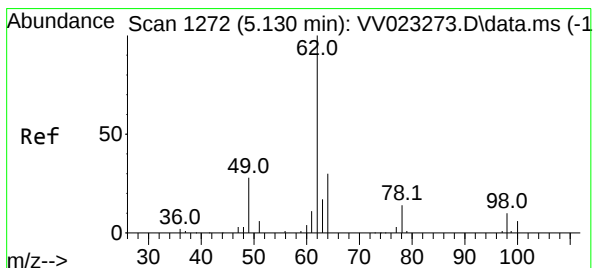
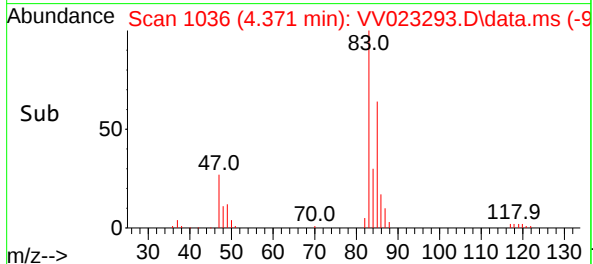
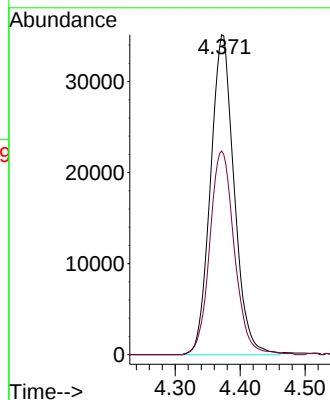
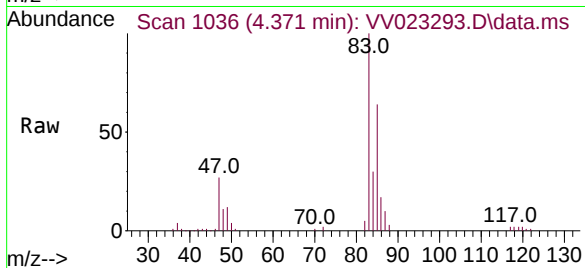
ClientSampleId :

Tgt Ion: 83 Resp: 88777

Ion Ratio Lower Upper

83 100

85 63.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.264 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV023293.D

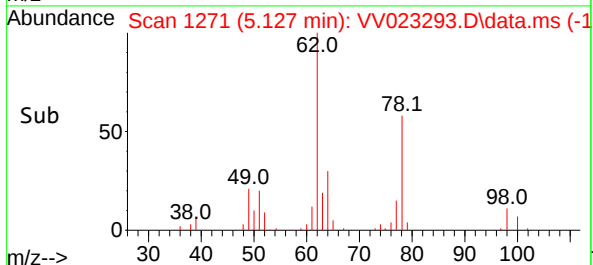
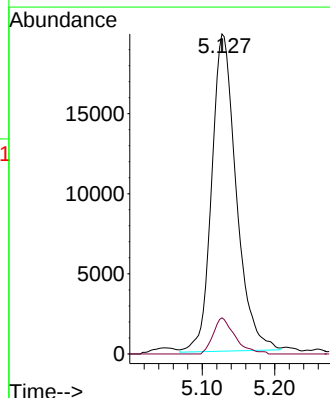
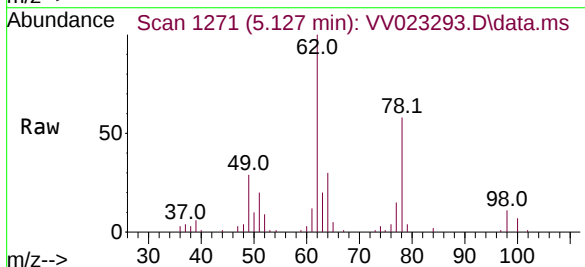
Acq: 09 Nov 2021 10:30

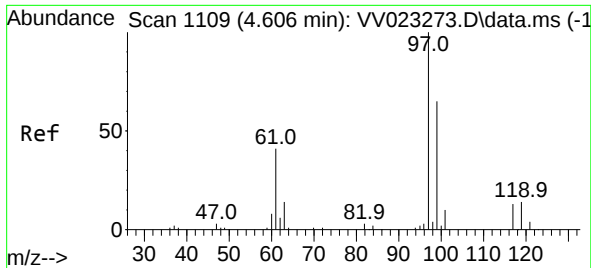
Tgt Ion: 62 Resp: 46686

Ion Ratio Lower Upper

62 100

98 11.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.128 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

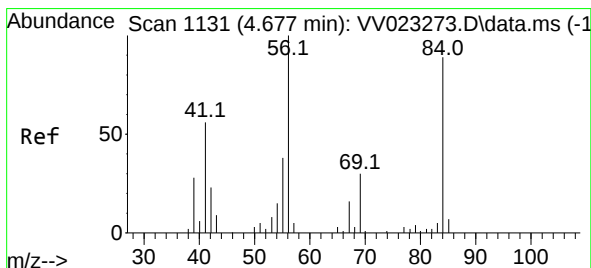
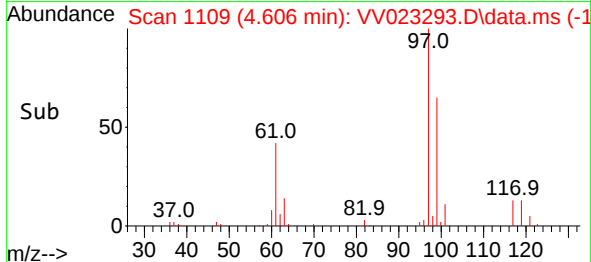
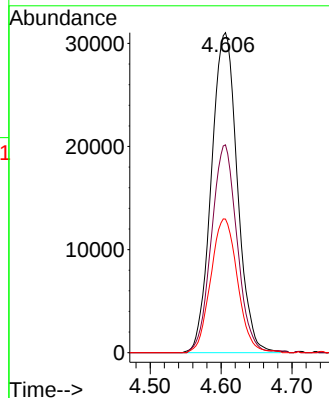
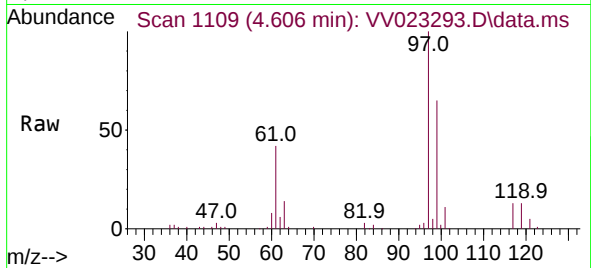
Tgt Ion: 97 Resp: 78930

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 43.0 34.1 51.1



#30

Cyclohexane

Concen: 5.028 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

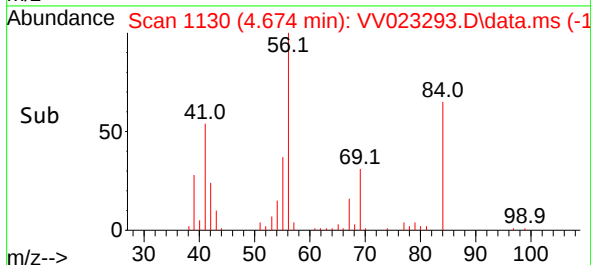
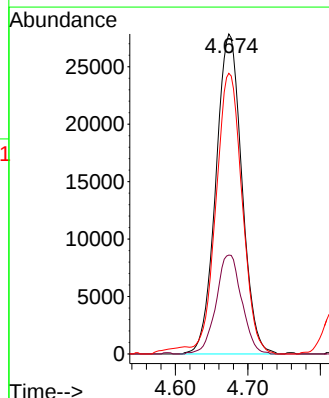
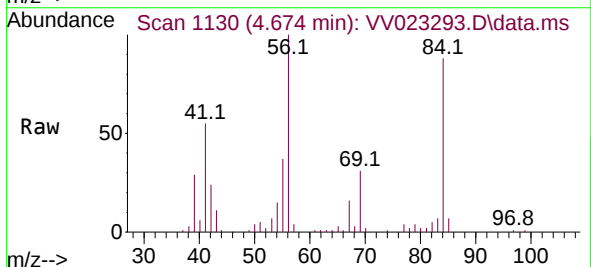
Tgt Ion: 56 Resp: 69338

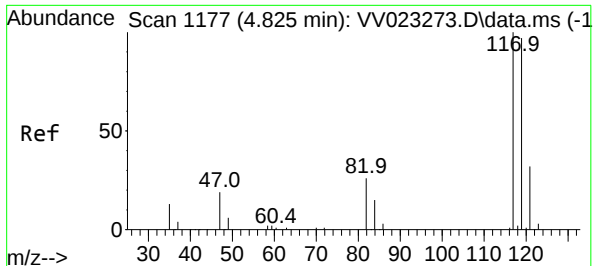
Ion Ratio Lower Upper

56 100

69 30.5 23.5 35.3

84 88.2 71.6 107.4

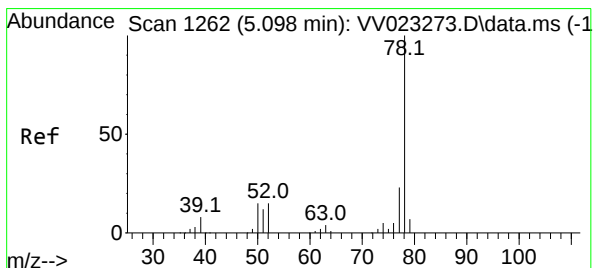
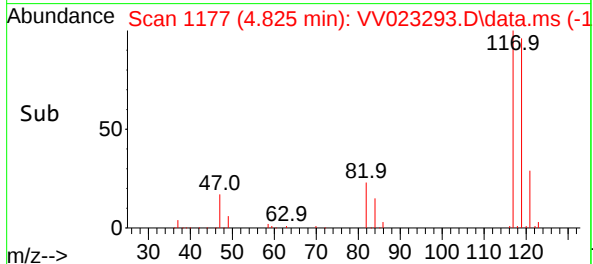
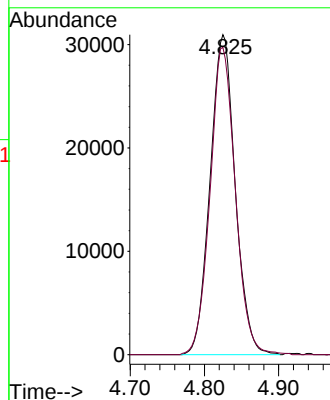
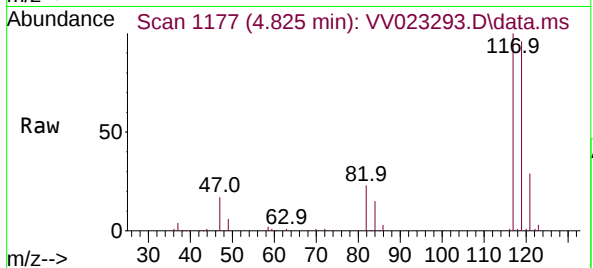




#31
Carbon tetrachloride
Concen: 5.266 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

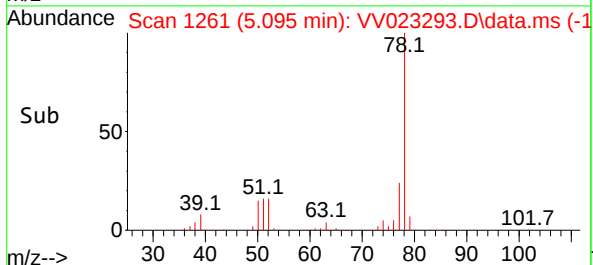
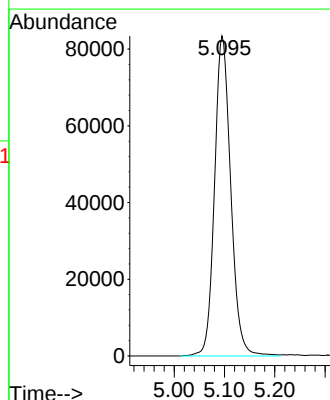
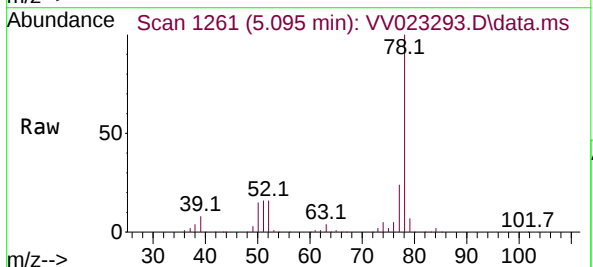
Instrument :
MSVOA_V
ClientSampleId :

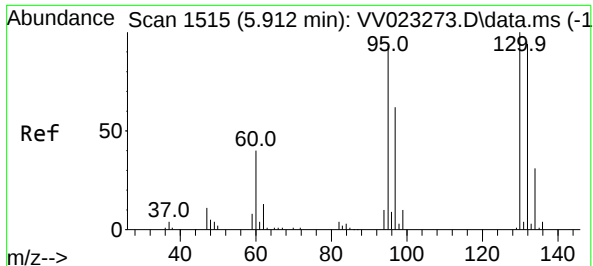
Tgt Ion:117 Resp: 72790
Ion Ratio Lower Upper
117 100
119 96.6 78.8 118.2



#33
Benzene
Concen: 5.278 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

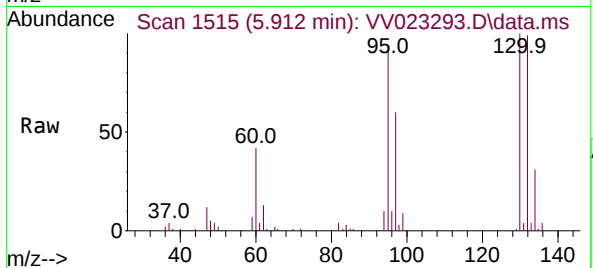
Tgt Ion: 78 Resp: 186944





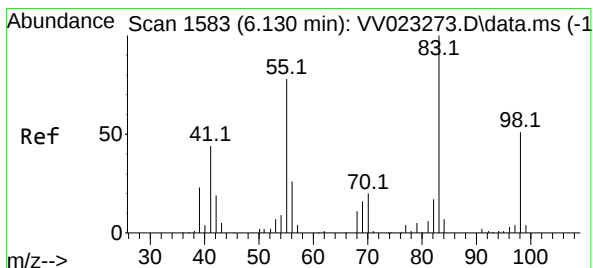
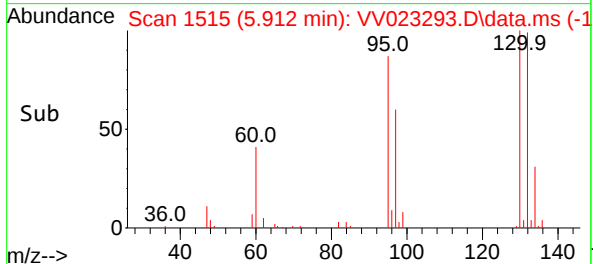
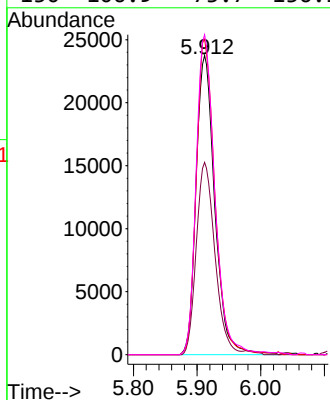
#34
Trichloroethene
Concen: 5.151 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 48513

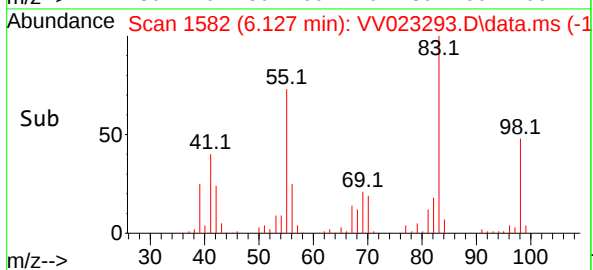
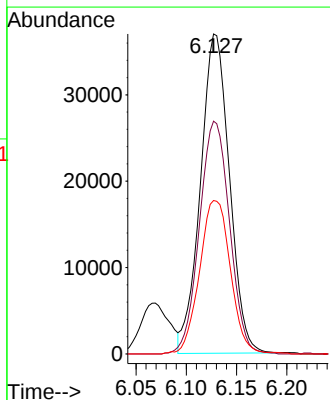
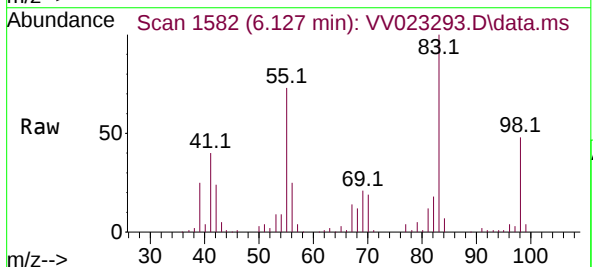
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.0	83.6
132	105.4	69.7	129.4
130	106.9	73.7	136.9

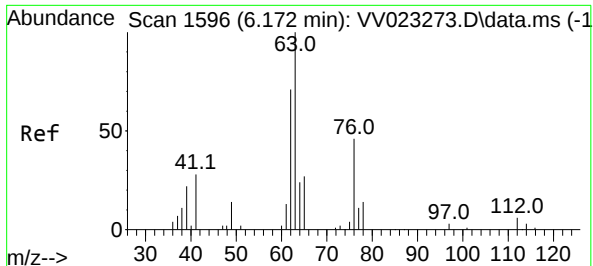


#35
Methylcyclohexane
Concen: 4.991 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 83 Resp: 74200

Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.8	94.2
98	51.4	37.9	56.9





#37

1,2-Dichloropropane

Concen: 5.416 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

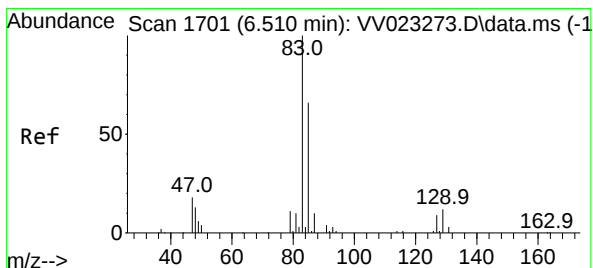
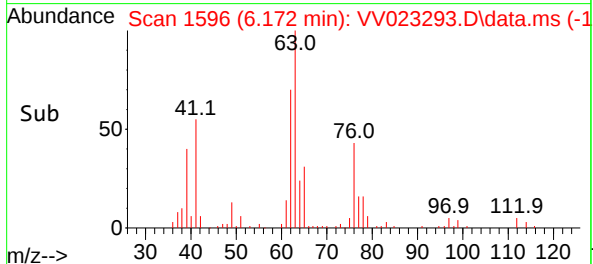
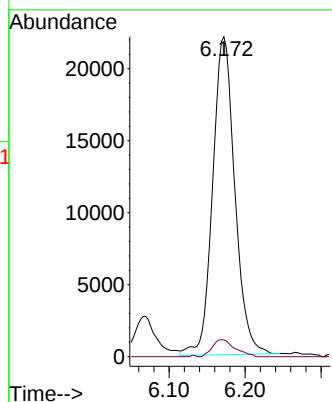
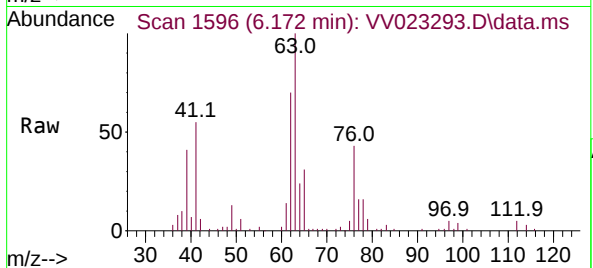
ClientSampleId :

Tgt Ion: 63 Resp: 44786

Ion Ratio Lower Upper

63 100

112 5.4 4.6 6.8



#38

Bromodichloromethane

Concen: 5.147 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

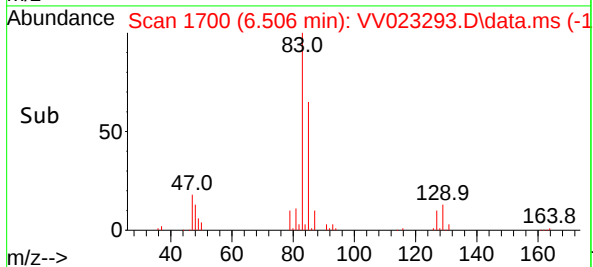
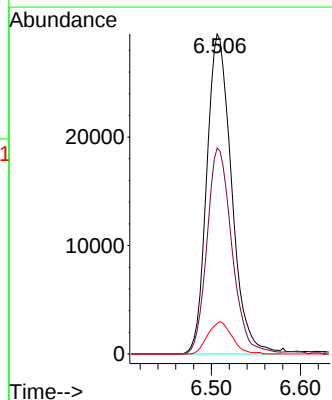
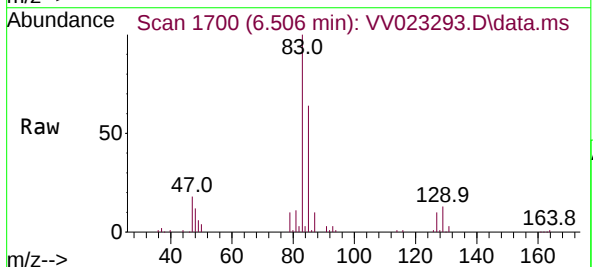
Tgt Ion: 83 Resp: 57038

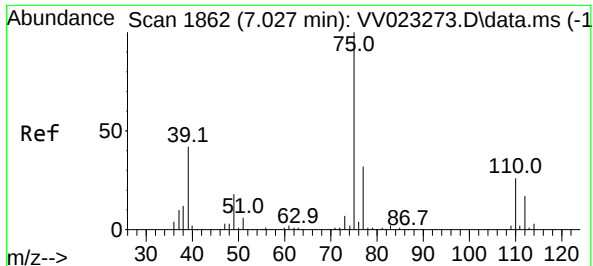
Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.030 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

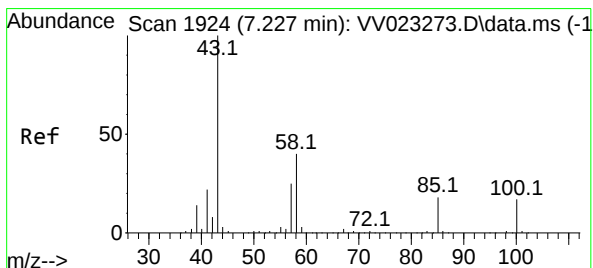
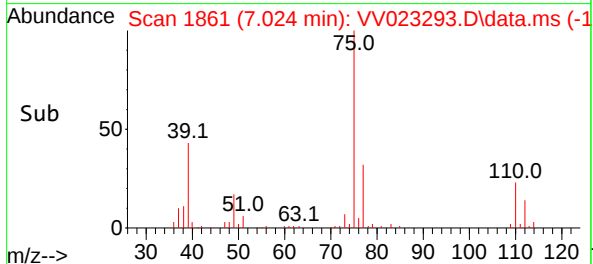
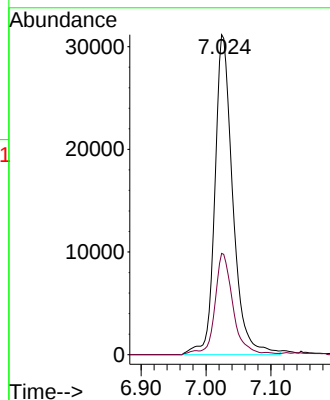
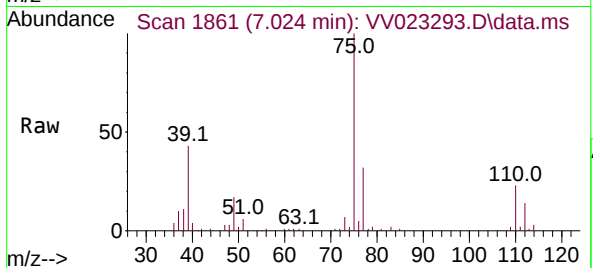
ClientSampleId :

Tgt Ion: 75 Resp: 59815

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 57.313 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

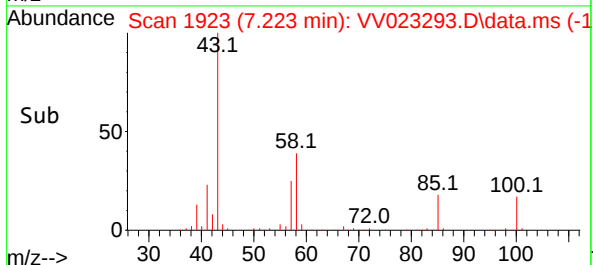
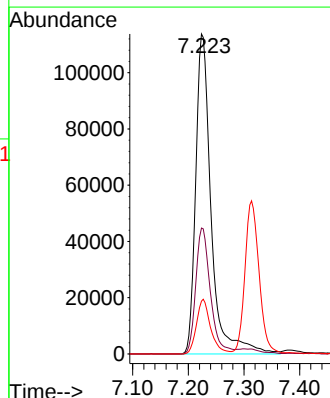
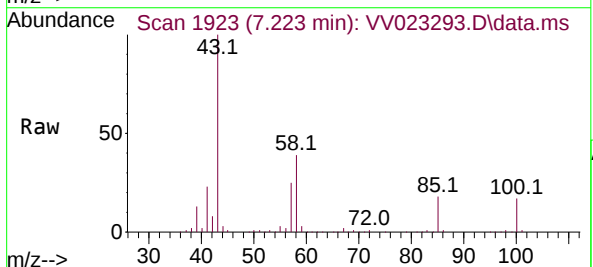
Tgt Ion: 43 Resp: 219789

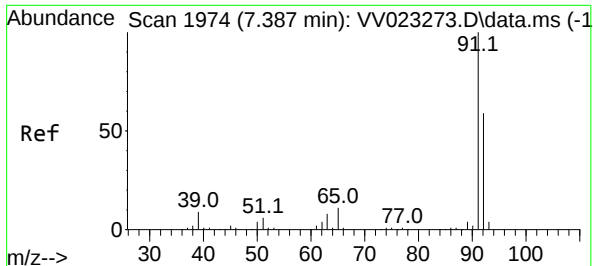
Ion Ratio Lower Upper

43 100

58 37.2 31.1 46.7

100 15.7 12.6 19.0





#42

Toluene

Concen: 5.468 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

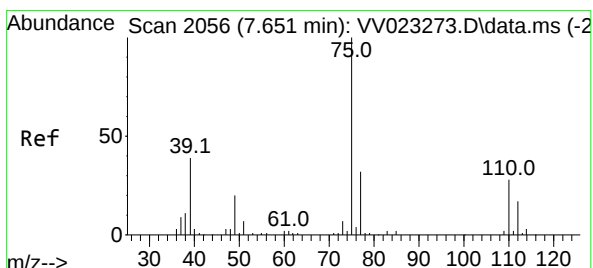
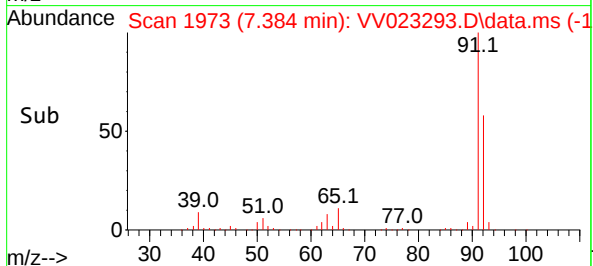
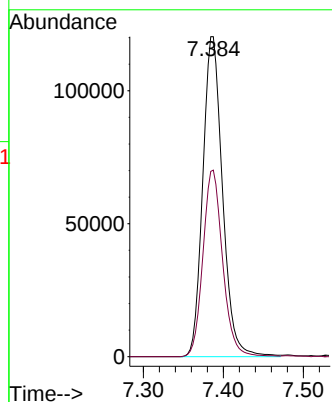
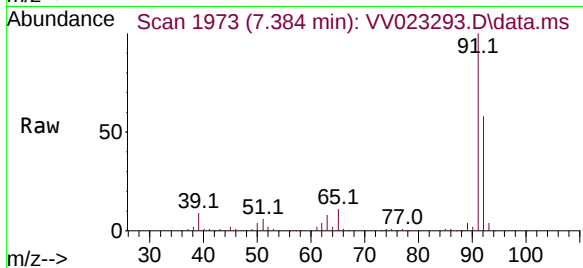
ClientSampleId :

Tgt Ion: 91 Resp: 207144

Ion Ratio Lower Upper

91 100

92 57.9 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.261 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023293.D

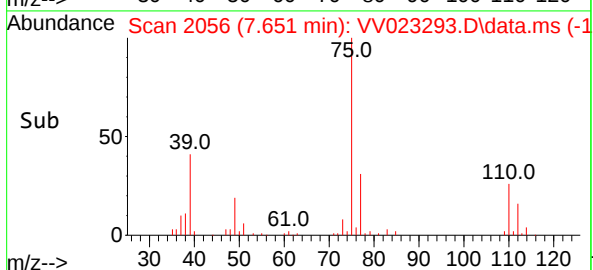
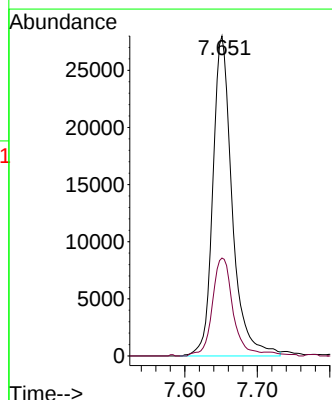
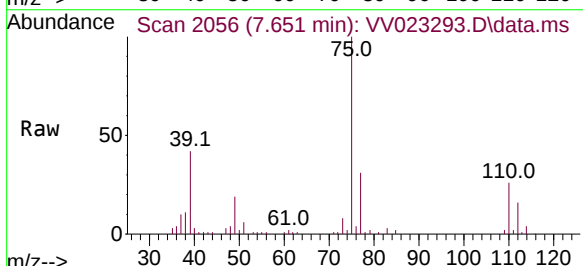
Acq: 09 Nov 2021 10:30

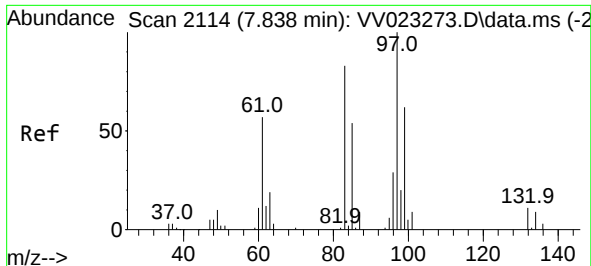
Tgt Ion: 75 Resp: 51911

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.391 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 32031

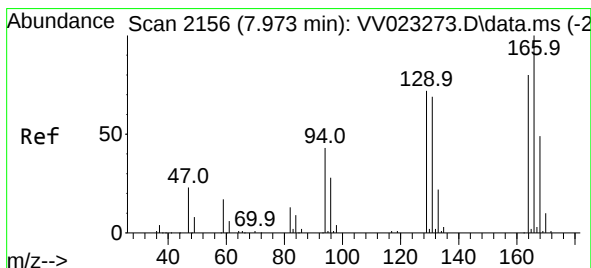
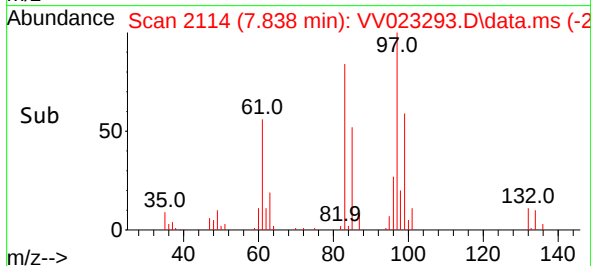
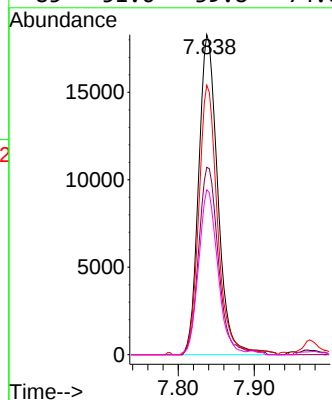
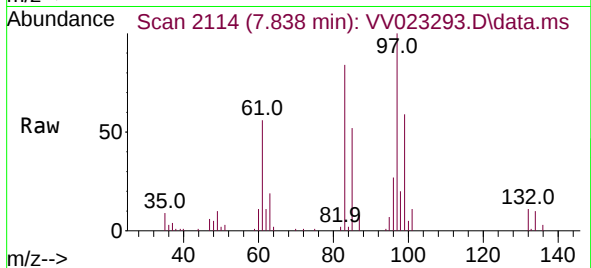
Ion Ratio Lower Upper

97 100

99 58.5 43.6 81.0

83 84.2 58.4 108.4

85 51.6 39.8 74.0



#47

Tetrachloroethene

Concen: 5.284 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Tgt Ion: 164 Resp: 43130

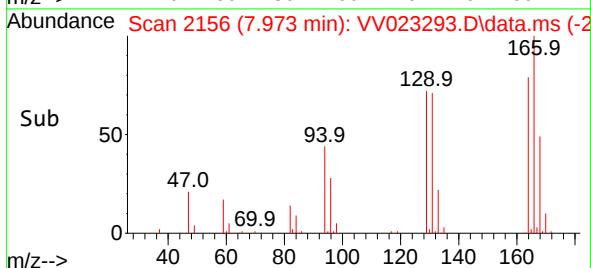
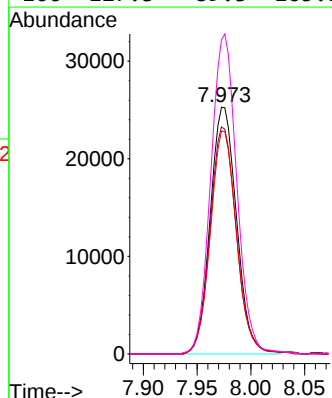
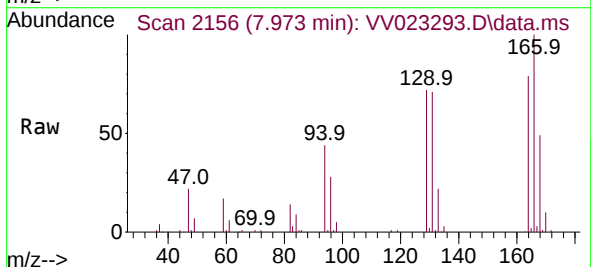
Ion Ratio Lower Upper

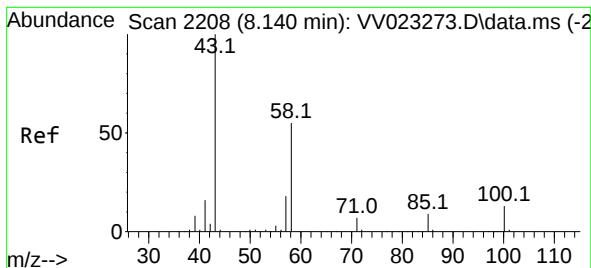
164 100

129 92.0 64.0 119.0

131 90.4 63.4 117.8

166 127.3 89.3 165.9





#48

2-Hexanone

Concen: 60.003 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 161237

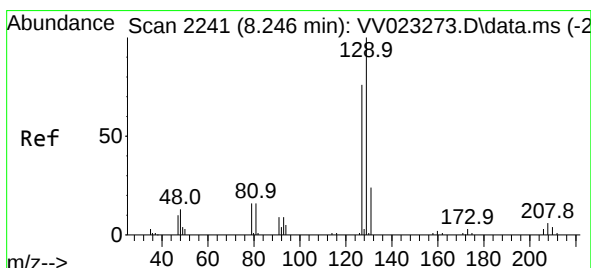
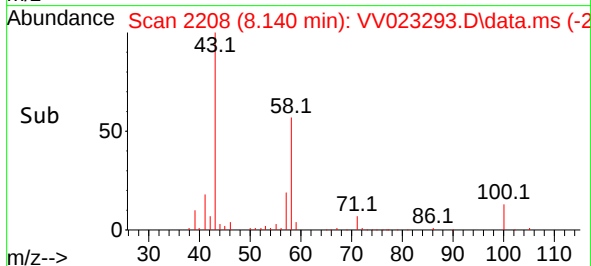
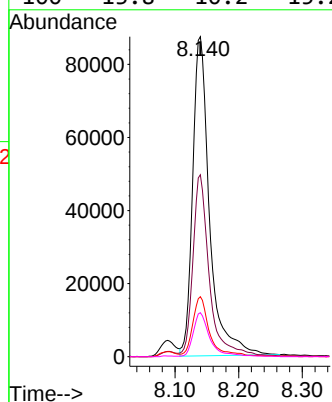
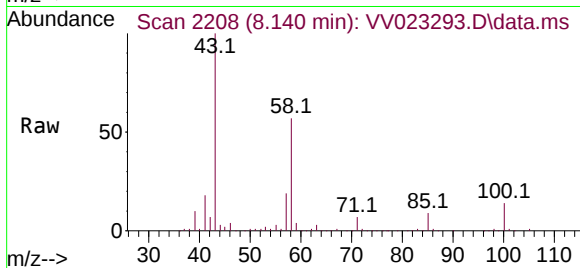
Ion Ratio Lower Upper

43 100

58 55.1 43.7 65.5

57 18.7 14.1 21.1

100 13.8 10.2 15.2



#49

Dibromochloromethane

Concen: 5.358 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV023293.D

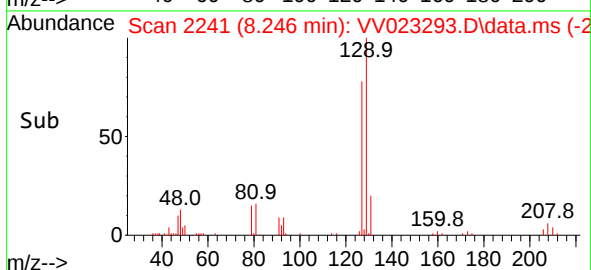
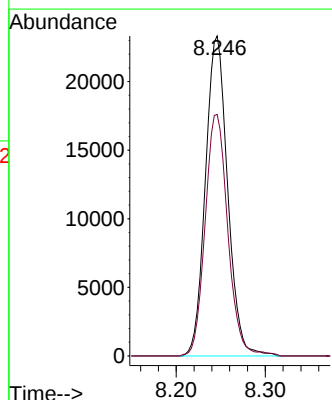
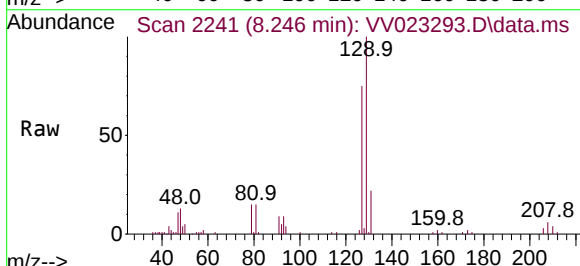
Acq: 09 Nov 2021 10:30

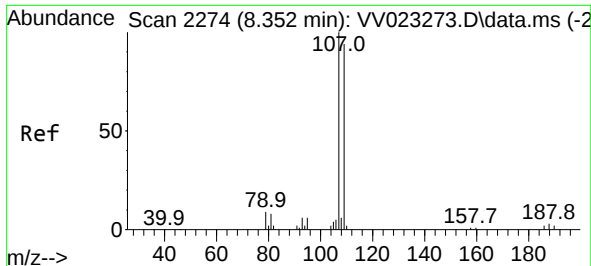
Tgt Ion:129 Resp: 40336

Ion Ratio Lower Upper

129 100

127 75.5 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.330 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023293.D

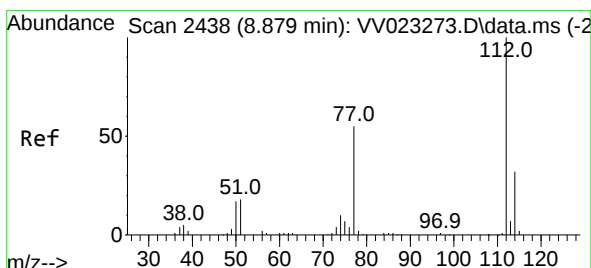
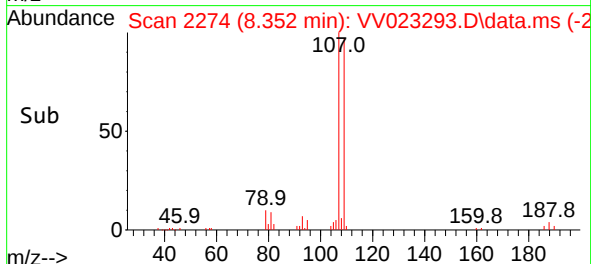
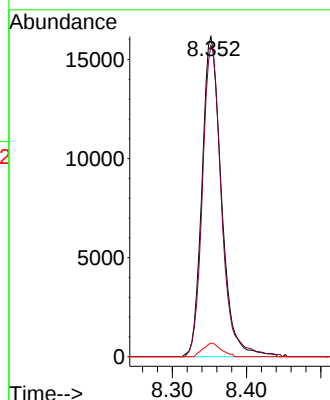
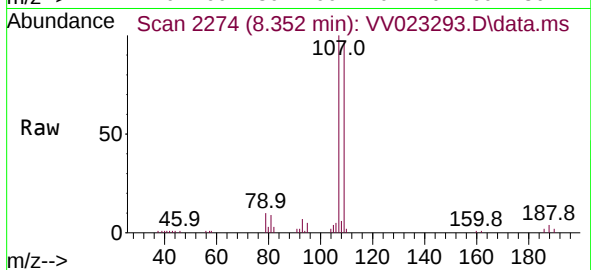
Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29345
Ion	Ratio	Lower	Upper
107	100		
109	97.2	64.7	120.1
188	4.3	3.6	5.4



#51

Chlorobenzene

Concen: 5.181 ug/L

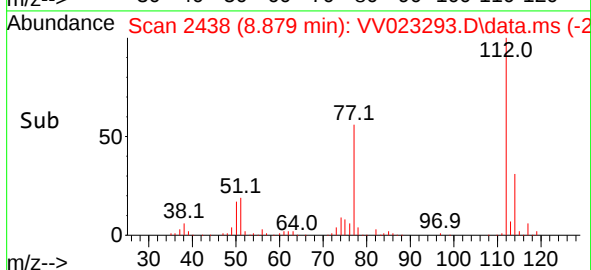
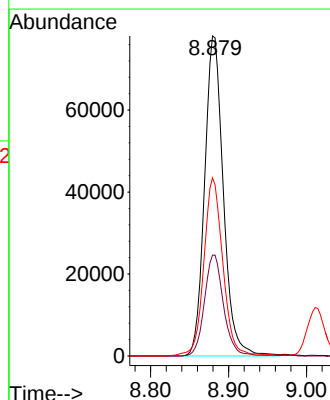
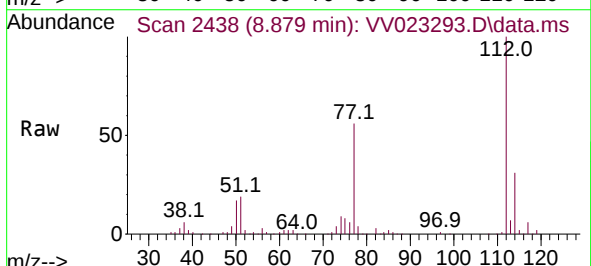
RT: 8.879 min Scan# 2438

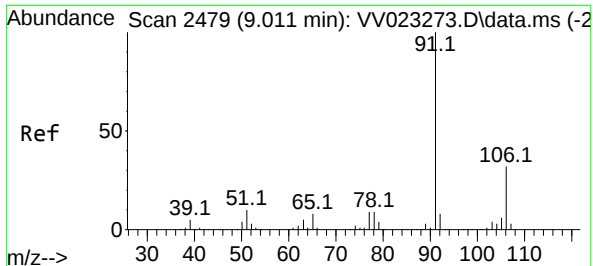
Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Tgt Ion:	112	Resp:	130469
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	40.8
77	55.7	44.4	66.6

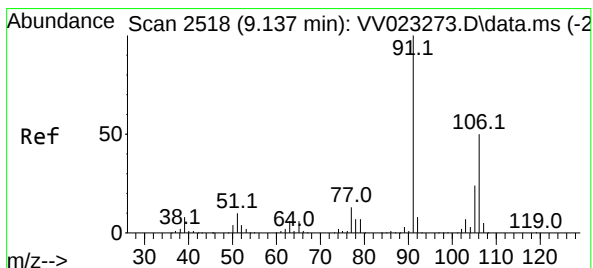
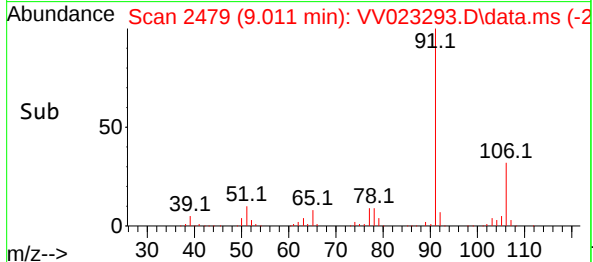
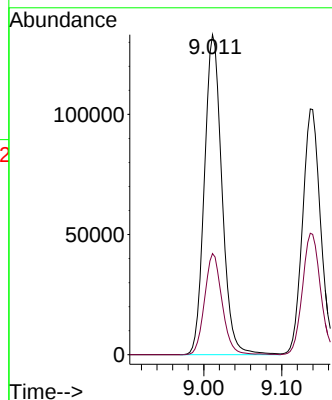
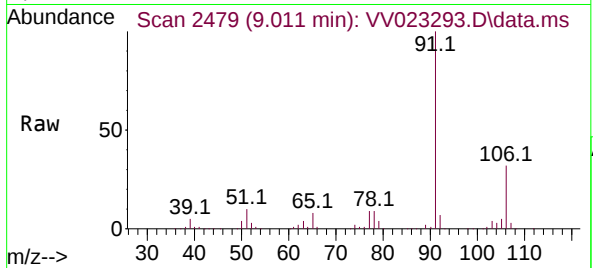




#52
Ethylbenzene
Concen: 5.216 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

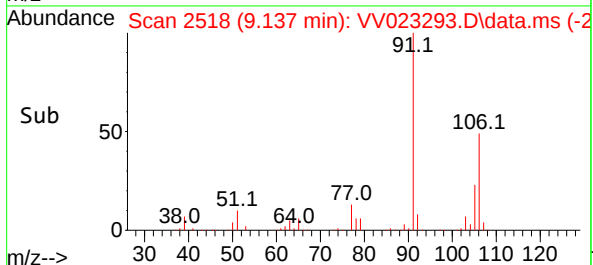
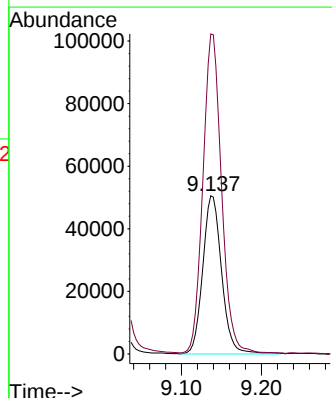
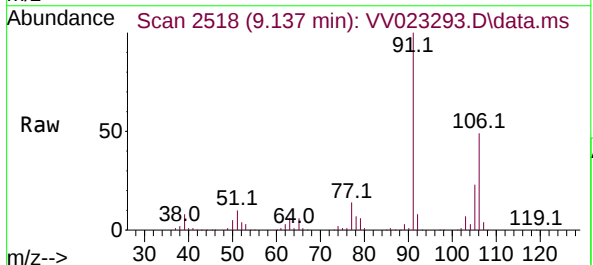
Instrument :
MSVOA_V
ClientSampleId :

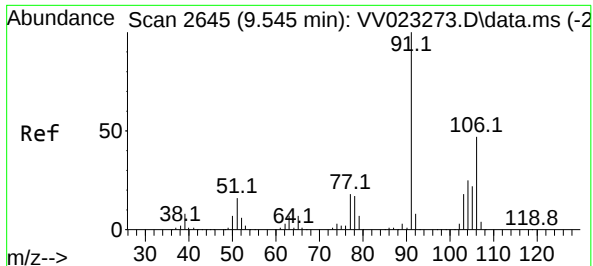
Tgt Ion: 91 Resp: 208427
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.9



#53
m,p-xylene
Concen: 5.297 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 106 Resp: 83063
Ion Ratio Lower Upper
106 100
91 202.2 137.2 254.8

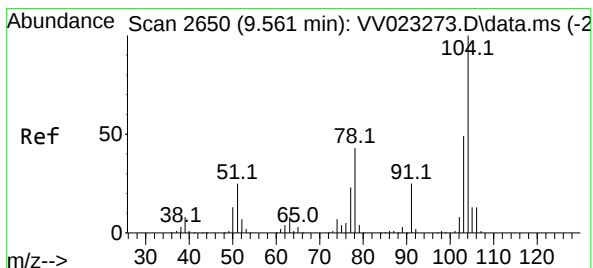
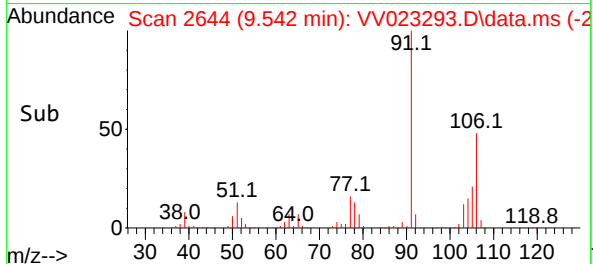
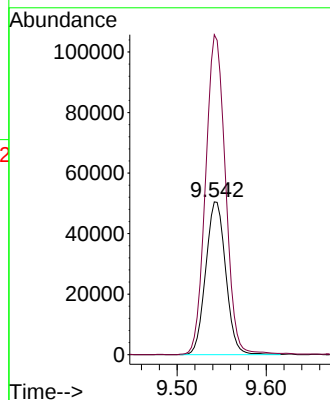
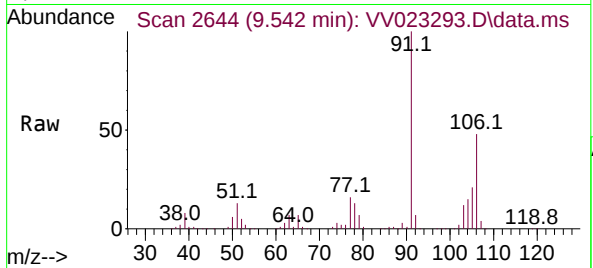




#54
o-xylene
Concen: 5.352 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

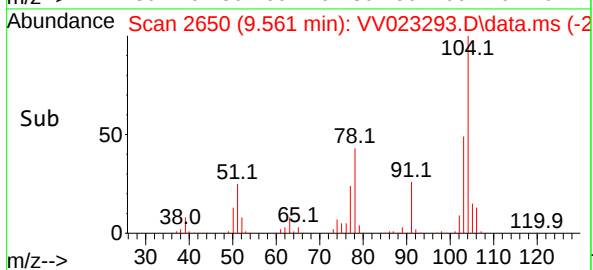
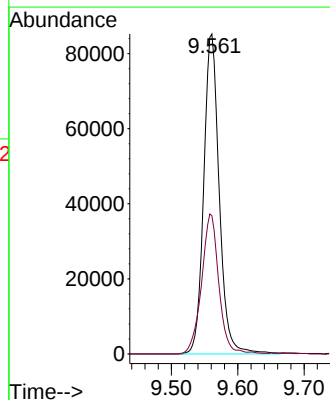
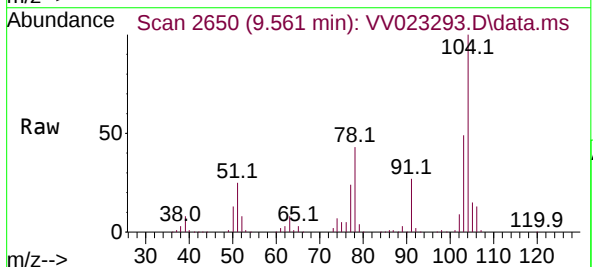
Instrument :
MSVOA_V
ClientSampleId :

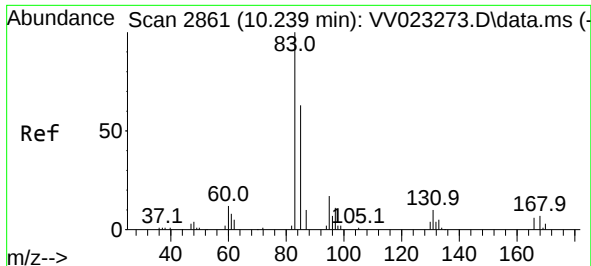
Tgt Ion:106 Resp: 78734
Ion Ratio Lower Upper
106 100
91 209.5 148.3 275.5



#55
Styrene
Concen: 5.503 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion:104 Resp: 138692
Ion Ratio Lower Upper
104 100
78 43.2 29.3 54.3

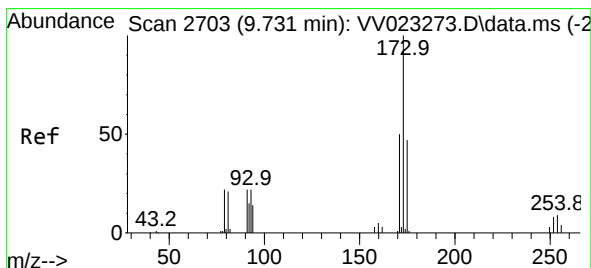
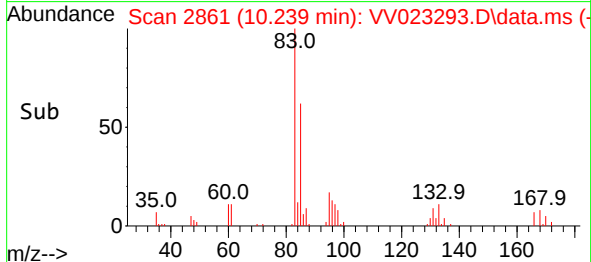
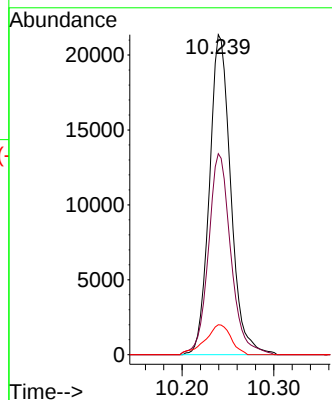
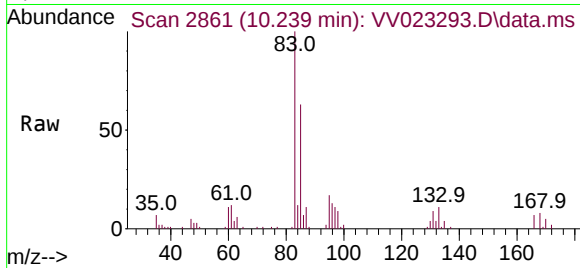




#57
1,1,2,2-Tetrachloroethane
Concen: 5.304 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

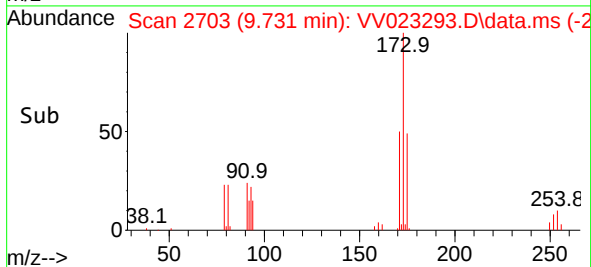
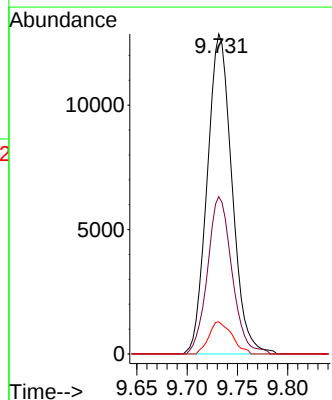
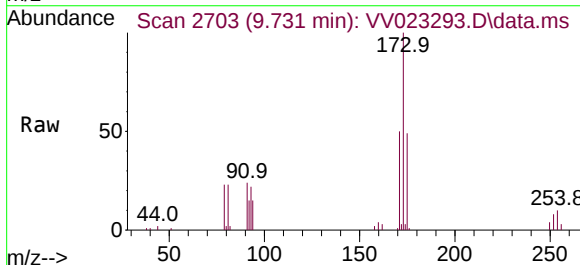
Instrument :
MSVOA_V
ClientSampleId :

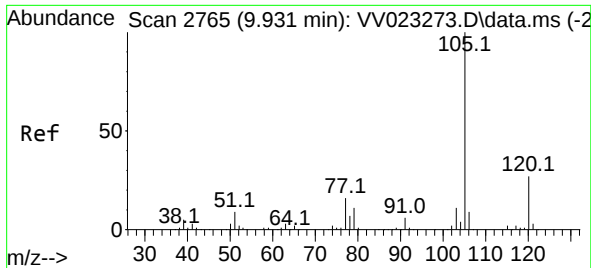
Tgt Ion: 83 Resp: 34523
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.9
131 9.4 7.8 11.6



#59
Bromoform
Concen: 5.160 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 173 Resp: 22035
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.2
254 9.4 6.2 9.2#

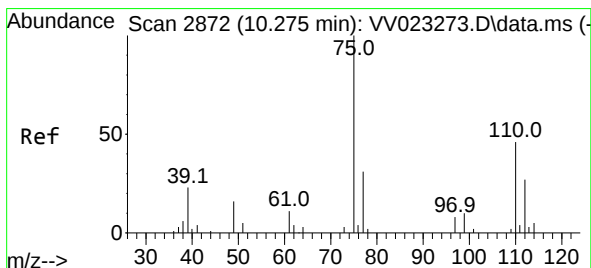
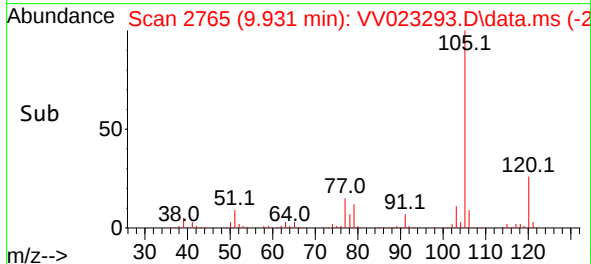
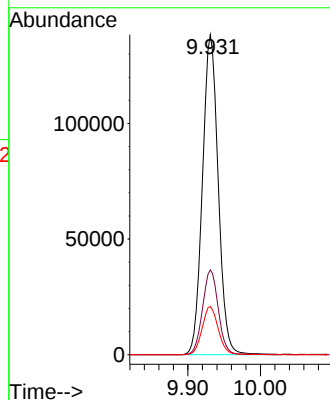
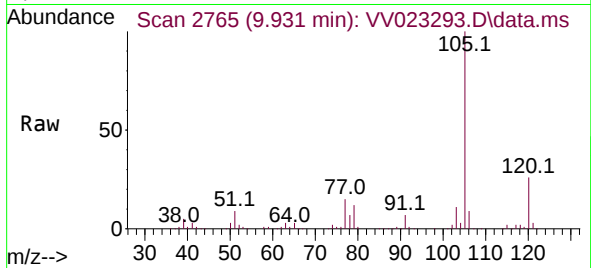




#60
Isopropylbenzene
Concen: 5.095 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

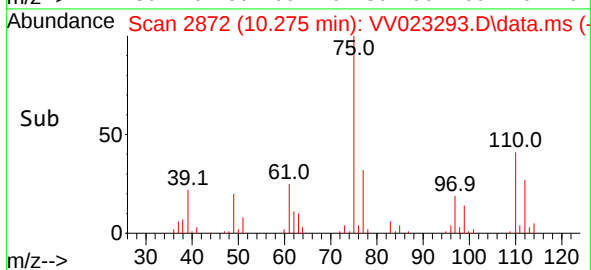
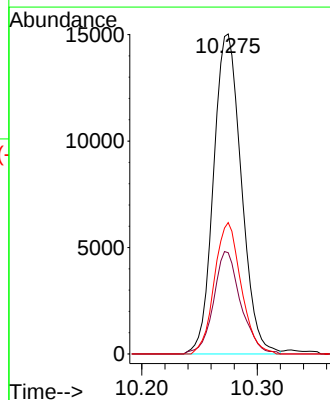
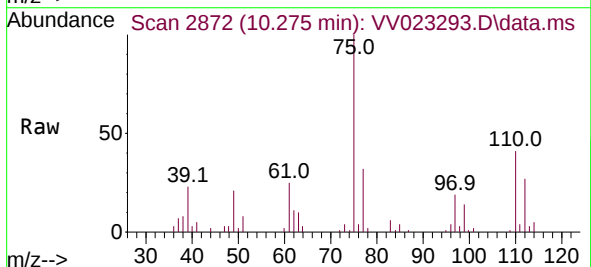
Instrument :
MSVOA_V
ClientSampleId :

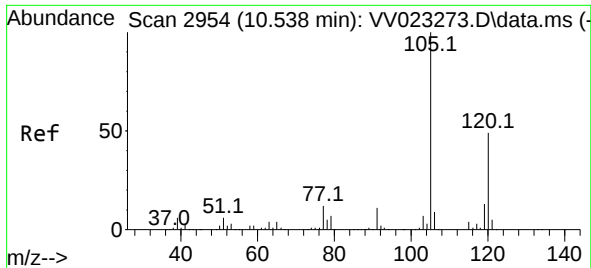
Tgt Ion:105 Resp: 209031
Ion Ratio Lower Upper
105 100
120 26.5 21.7 32.5
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.295 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion: 75 Resp: 25143
Ion Ratio Lower Upper
75 100
77 31.2 26.6 39.8
110 39.5 31.8 47.6

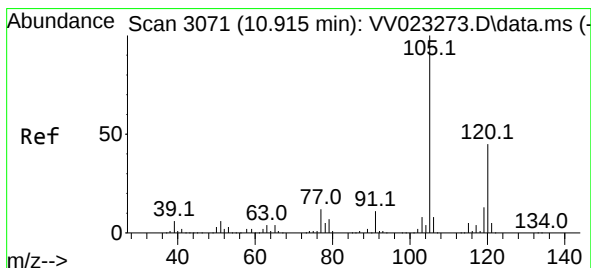
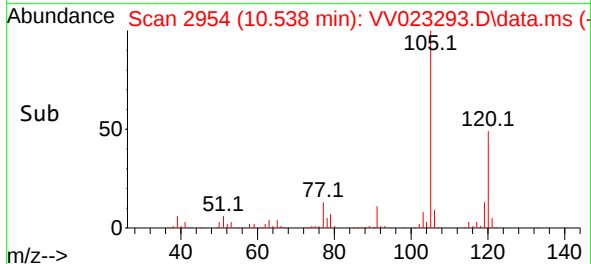
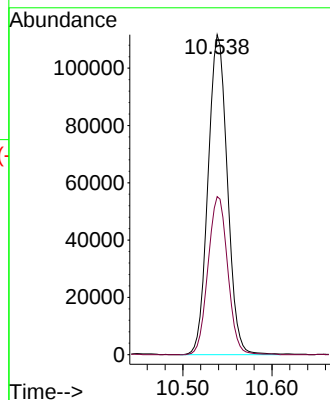
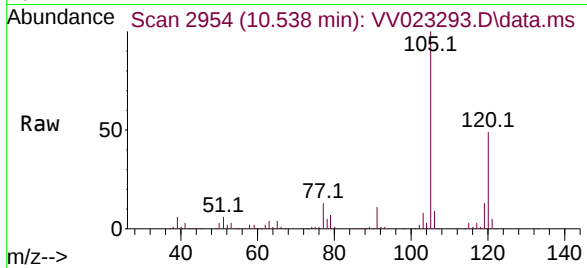




#62
 1,3,5-Trimethylbenzene
 Concen: 4.934 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

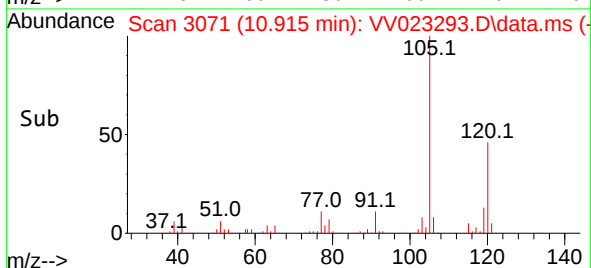
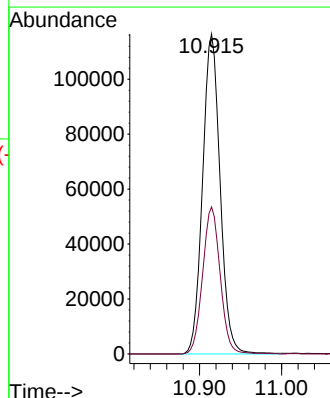
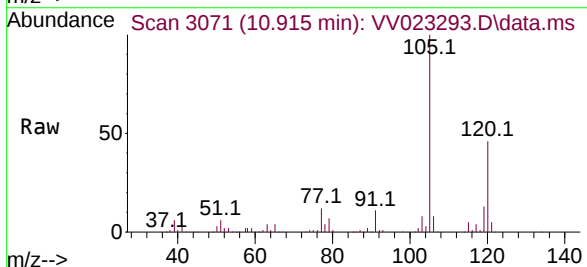
Instrument :
 MSVOA_V
 ClientSampleId :

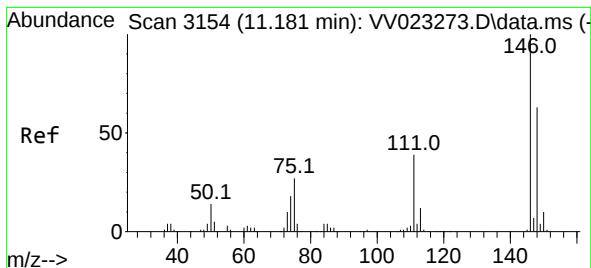
Tgt Ion:105 Resp: 167832
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.107 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

Tgt Ion:105 Resp: 172914
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.199 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

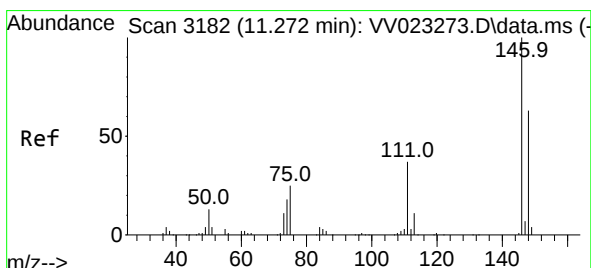
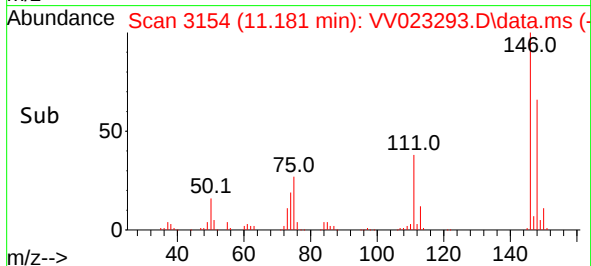
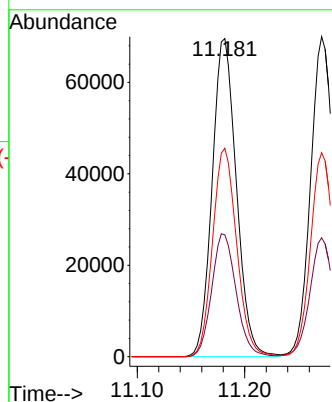
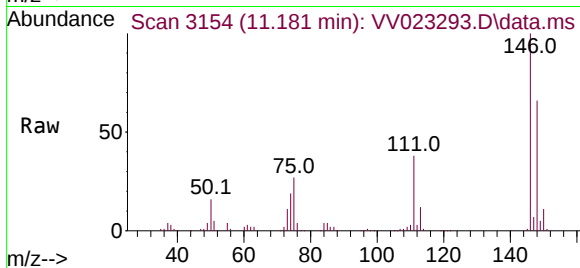
Tgt Ion:146 Resp: 108969

Ion Ratio Lower Upper

146 100

111 38.4 26.7 49.7

148 65.5 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.111 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023293.D

Acq: 09 Nov 2021 10:30

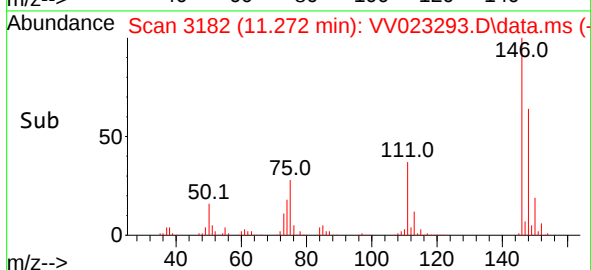
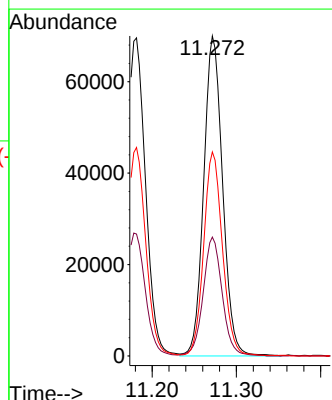
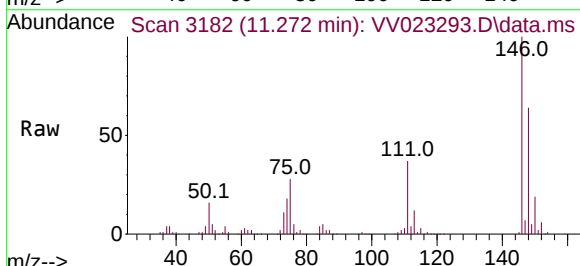
Tgt Ion:146 Resp: 109417

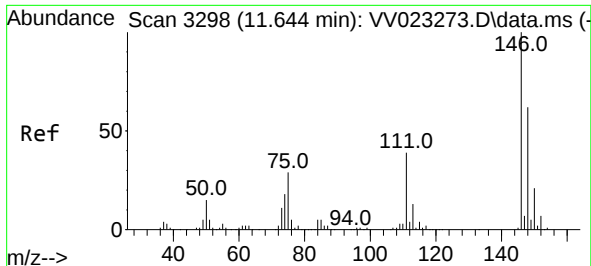
Ion Ratio Lower Upper

146 100

111 37.2 26.2 48.8

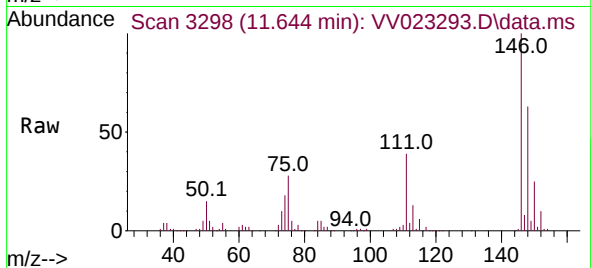
148 63.8 44.4 82.5



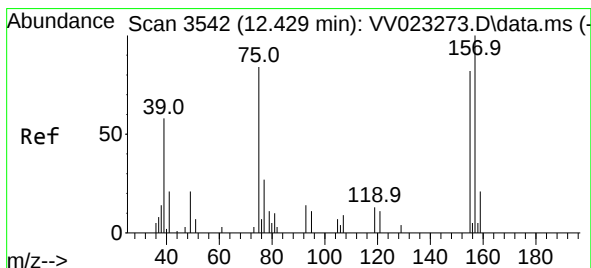
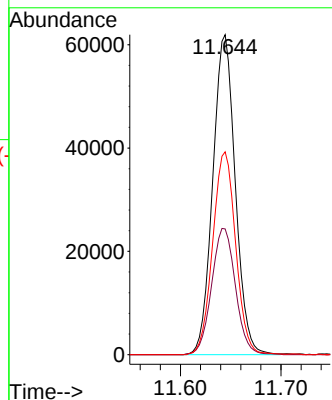
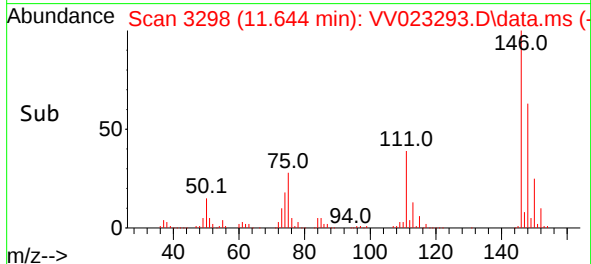


#67
1,2-Dichlorobenzene
Concen: 5.141 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Instrument :
MSVOA_V
ClientSampleId :

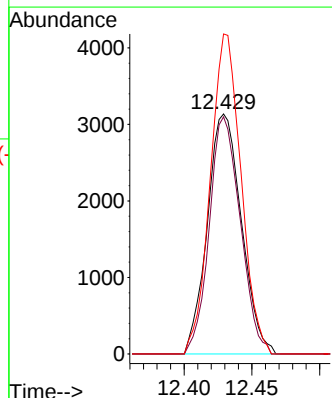
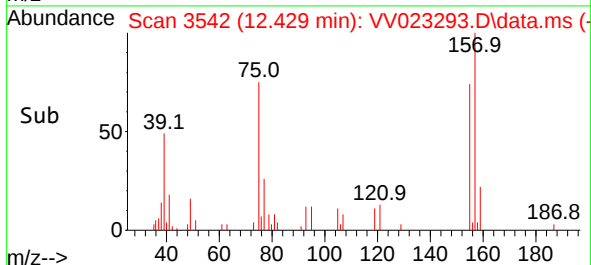
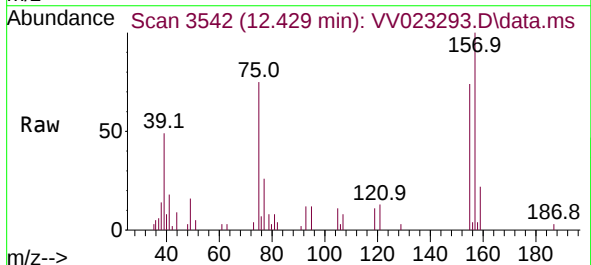


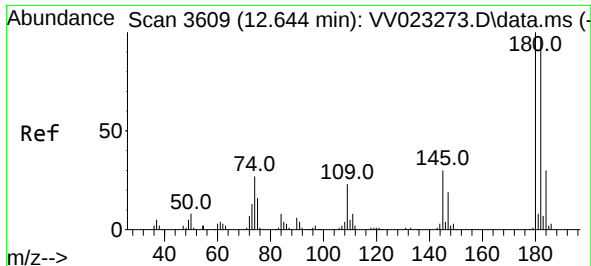
Tgt Ion:146 Resp: 96431
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 63.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.414 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

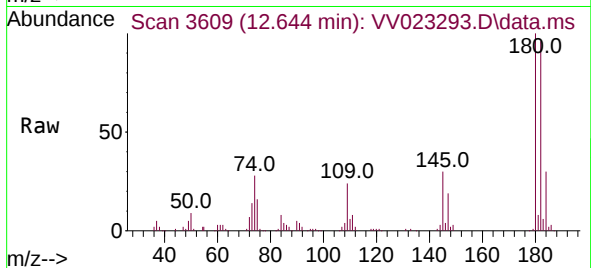
Tgt Ion: 75 Resp: 5478
Ion Ratio Lower Upper
75 100
155 98.8 67.7 101.5
157 133.3 87.9 131.9#



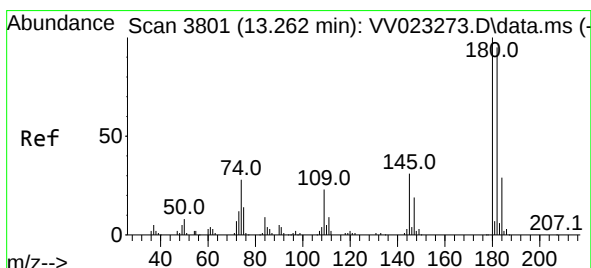
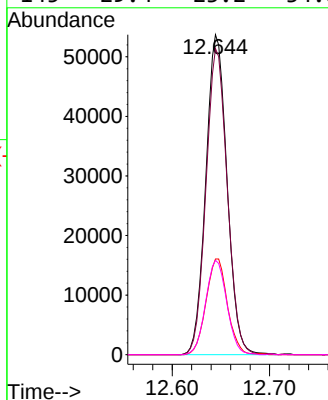
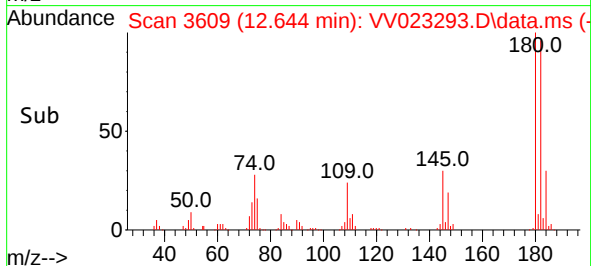


#69
 1,3,5-Trichlorobenzene
 Concen: 4.959 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30

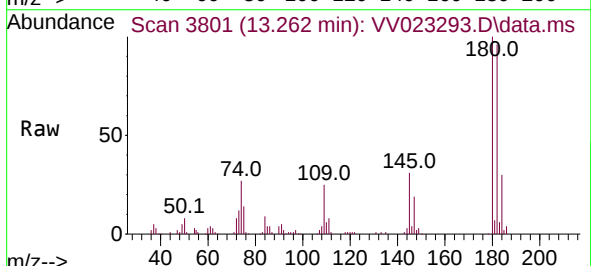
Instrument :
 MSVOA_V
 ClientSampleId :



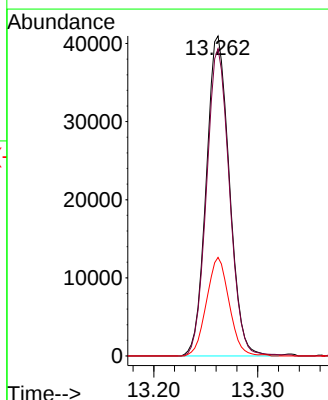
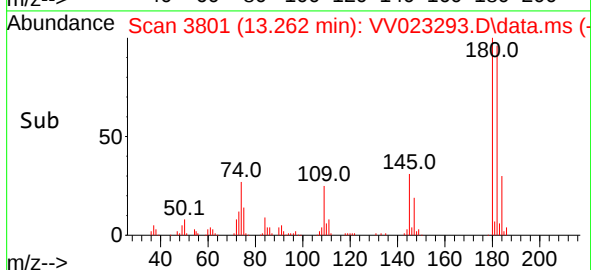
Tgt Ion:180 Resp: 81381
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.9 112.3
 184 30.1 23.8 35.8
 145 29.4 23.2 34.8

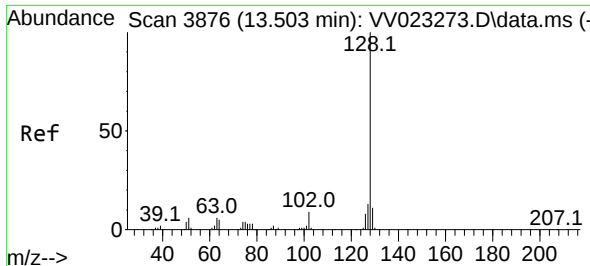


#70
 1,2,4-trichlorobenzene
 Concen: 4.827 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023293.D
 Acq: 09 Nov 2021 10:30



Tgt Ion:180 Resp: 63436
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.9 115.3
 145 30.2 24.4 36.6

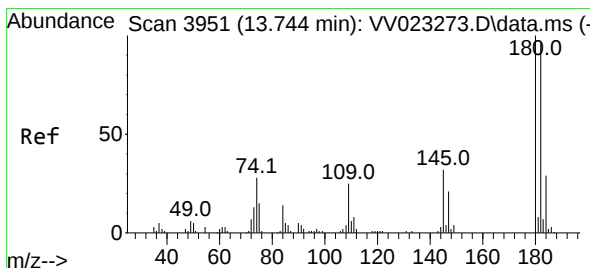
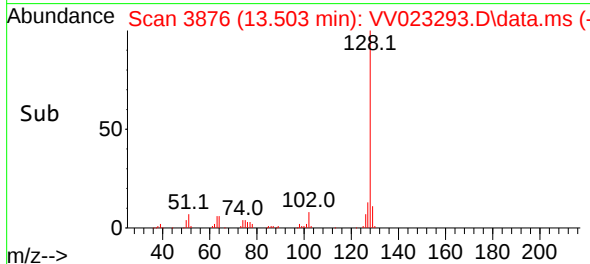
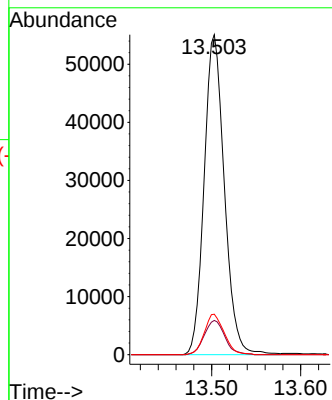
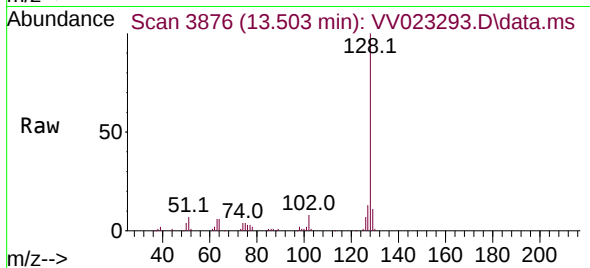




#71
Naphthalene
Concen: 4.477 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 86760
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.4 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.993 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023293.D
Acq: 09 Nov 2021 10:30

Tgt Ion:180 Resp: 57409
Ion Ratio Lower Upper
180 100
182 93.3 76.7 115.1
145 31.5 25.7 38.5

