

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023266.D
 Acq On : 06 Nov 2021 04:50
 Operator : SY/MD
 Sample : M4545-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37959	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.571	69	33751	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.114	63	76050	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.889	46	99189	75.378	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.760%#
24) Chloroform-d	4.352	84	89801	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.037	65	42086	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	171331	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.072	67	50935	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	160569	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	18763	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	81887	56.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39002	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60886	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67222	4.959	ug/L	99
3) Chloromethane	1.243	50	60250	5.227	ug/L	99
5) Vinyl chloride	1.314	62	60244	5.233	ug/L	98
6) Bromomethane	1.526	94	28036	3.810	ug/L	96
8) Chloroethane	1.587	64	49240	7.412	ug/L	97
9) Trichlorofluoromethane	1.757	101	87183	5.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	44911	5.158	ug/L	100
12) 1,1-Dichloroethene	2.121	96	42776	5.160	ug/L	91
13) Acetone	2.182	43	61851	63.582	ug/L	81
14) Carbon disulfide	2.297	76	154865	4.950	ug/L	99
15) Methyl Acetate	2.439	43	10464	2.813	ug/L #	76
16) Methylene chloride	2.510	84	49924	4.126	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	95620	5.239	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	50806	4.985	ug/L	95
19) 1,1-Dichloroethane	3.191	63	88660	5.152	ug/L	98
21) 2-Butanone	3.976	43	93108	74.122	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	52761	5.379	ug/L	93
23) Bromochloromethane	4.252	128	22562	4.988	ug/L	95
25) Chloroform	4.378	83	94034	5.127	ug/L	96

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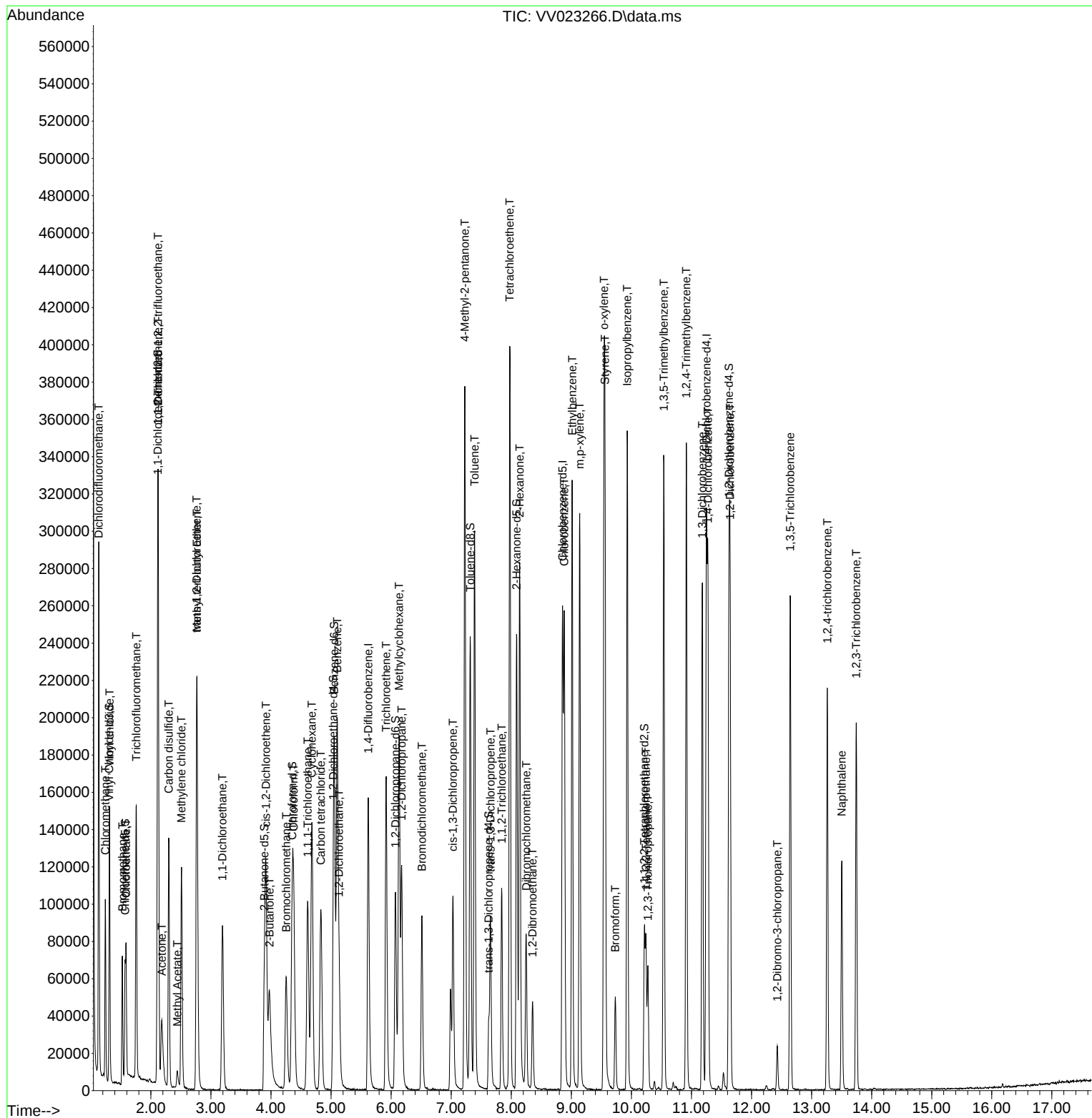
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50676	5.194	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	83476	4.971	ug/L	99
30) Cyclohexane	4.680	56	72862	4.843	ug/L	99
31) Carbon tetrachloride	4.831	117	74370	4.932	ug/L	98
33) Benzene	5.101	78	199820	5.171	ug/L	100
34) Trichloroethene	5.918	95	58871	5.729	ug/L	95
35) Methylcyclohexane	6.133	83	77138	4.756	ug/L	99
37) 1,2-Dichloropropane	6.175	63	47817	5.301	ug/L	100
38) Bromodichloromethane	6.513	83	61420	5.081	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	63007	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	240759	57.545	ug/L	97
42) Toluene	7.391	91	218669	5.291	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	53819	4.999	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	33439	5.159	ug/L	92
47) Tetrachloroethene	7.976	164	90180	10.126	ug/L	98
48) 2-Hexanone	8.140	43	174169	58.042	ug/L	98
49) Dibromochloromethane	8.249	129	42475	5.172	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30853	5.136	ug/L	99
51) Chlorobenzene	8.882	112	136208	4.958	ug/L	98
52) Ethylbenzene	9.014	91	220783	5.065	ug/L	99
53) m,p-xylene	9.140	106	87166	5.095	ug/L	100
54) o-xylene	9.545	106	83101	5.178	ug/L	100
55) Styrene	9.561	104	138004	5.019	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	37514	5.282	ug/L	96
59) Bromoform	9.731	173	22211	4.940	ug/L	98
60) Isopropylbenzene	9.931	105	220665	5.108	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26272	5.254	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	179271	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181949	5.103	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	114108	5.170	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	113163	5.020	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	102336	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5227	4.906	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	81334	4.706	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	65445	4.729	ug/L	100
71) Naphthalene	13.503	128	96597	4.733	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59527	4.916	ug/L	98

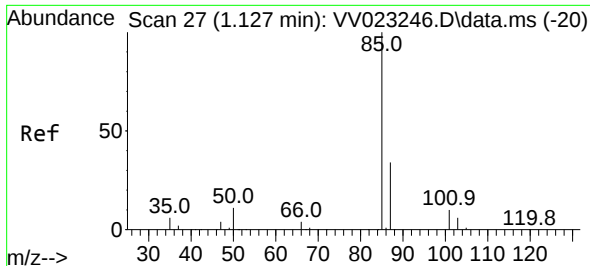
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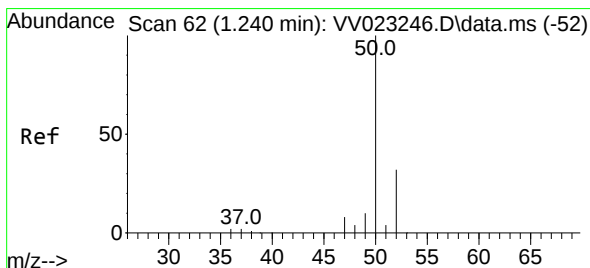
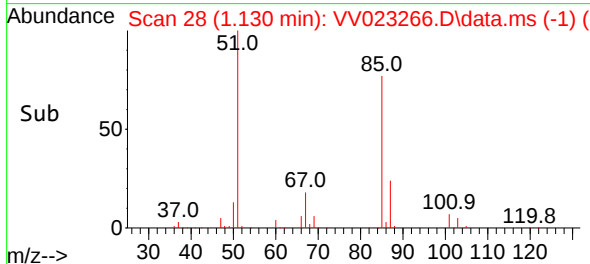
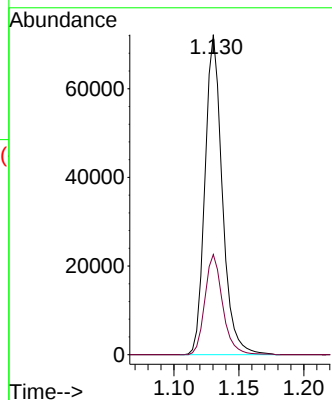
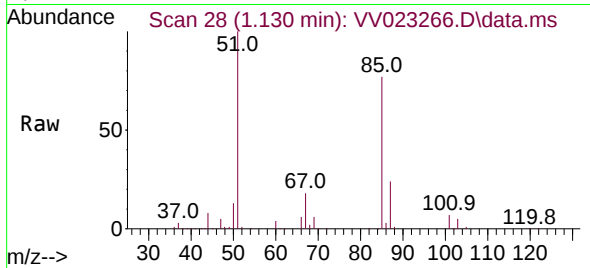




#2
 Dichlorodifluoromethane
 Concen: 4.959 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

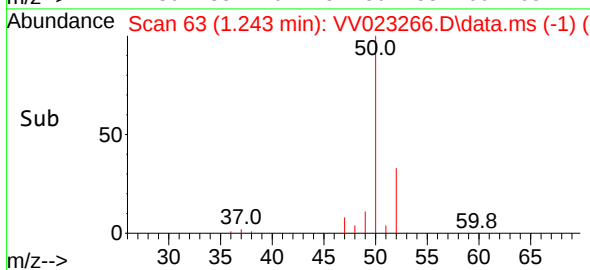
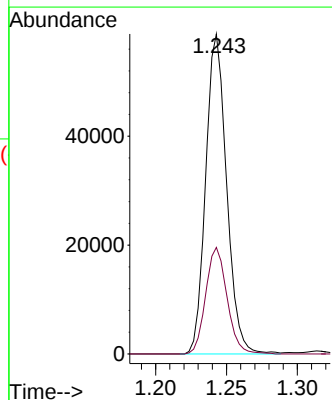
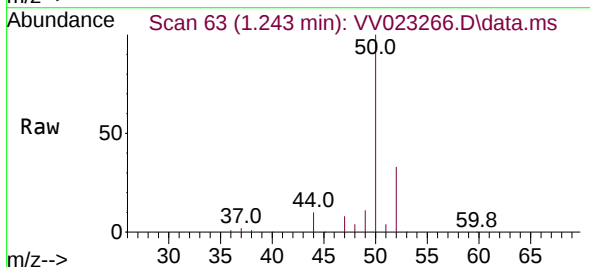
Instrument :
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 ClientSampleId :

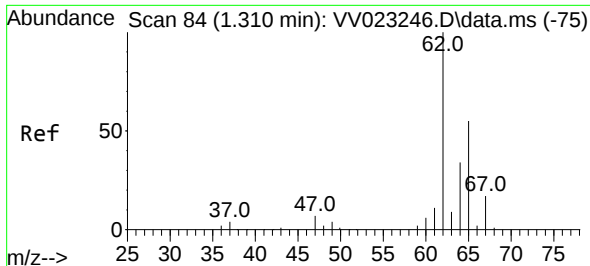
Tgt Ion: 85 Resp: 67222
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 5.227 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

Tgt Ion: 50 Resp: 60250
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9

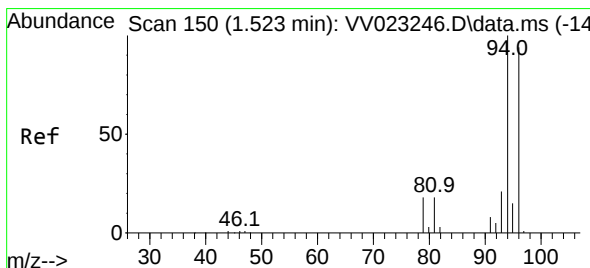
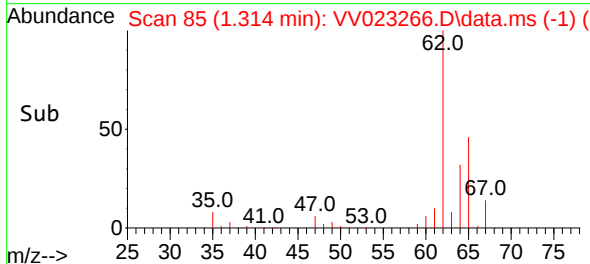
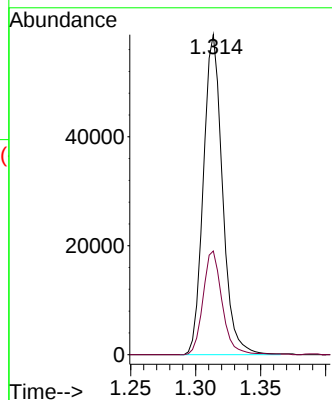
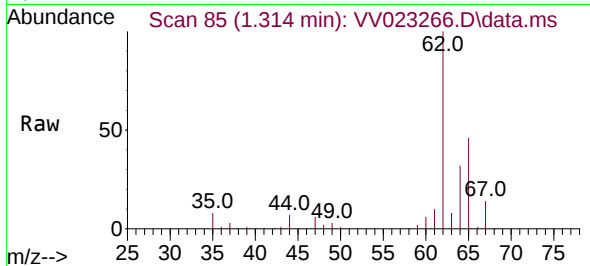




#5
 Vinyl chloride
 Concen: 5.233 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

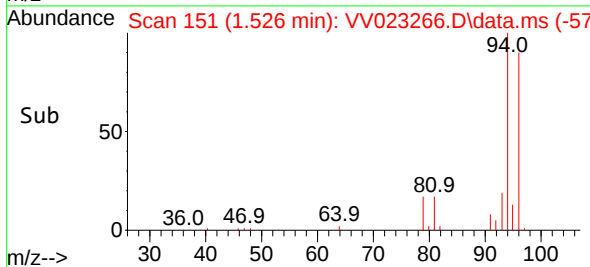
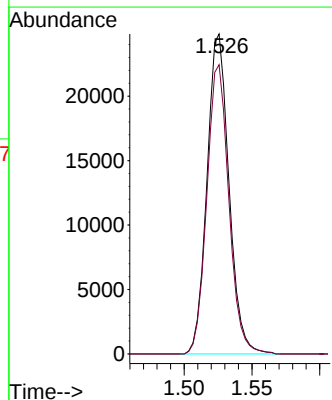
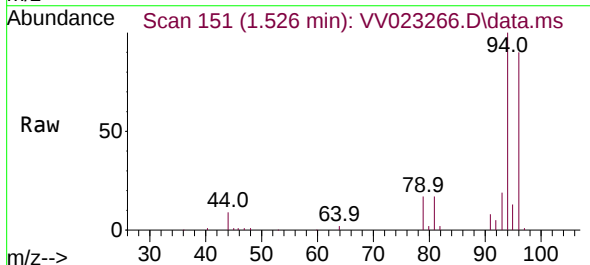
Instrument :
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 ClientSampleId :

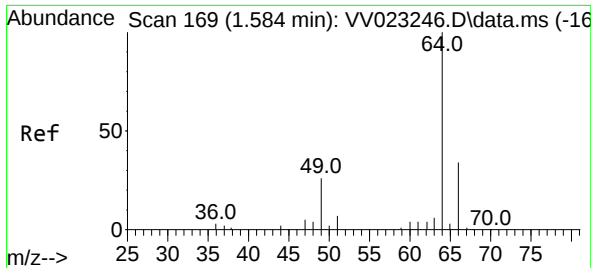
Tgt Ion: 62 Resp: 60244
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#6
 Bromomethane
 Concen: 3.810 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

Tgt Ion: 94 Resp: 28036
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.7 122.1

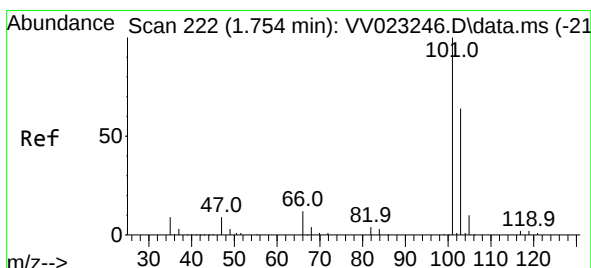
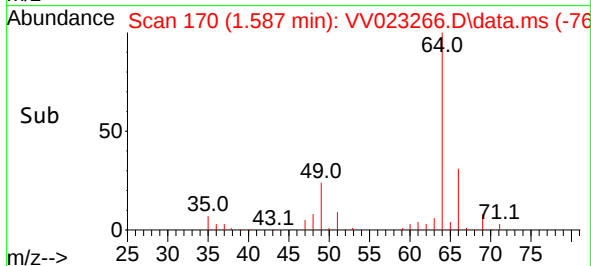
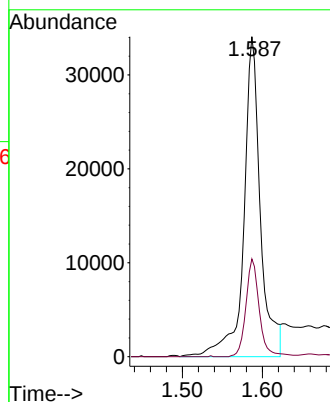
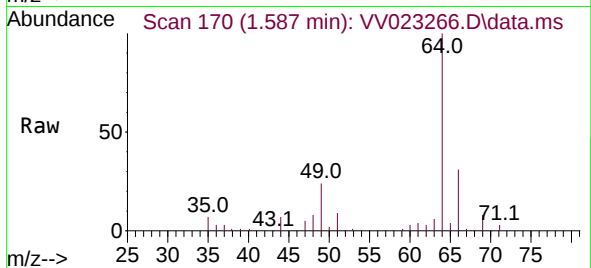




#8
Chloroethane
Concen: 7.412 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

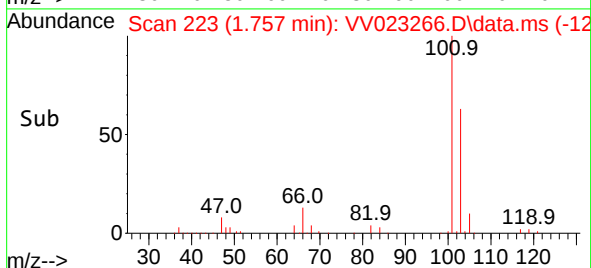
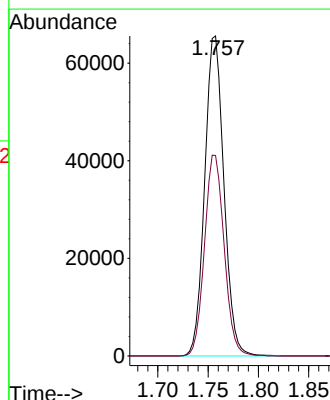
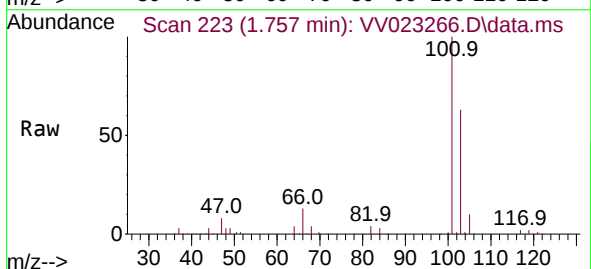
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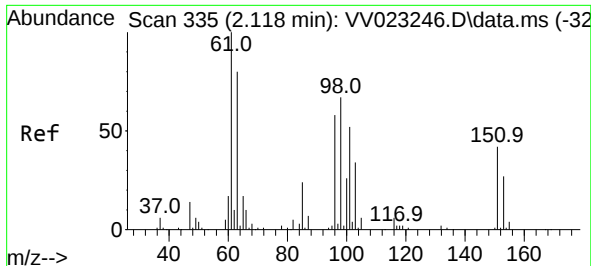
Tgt Ion: 64 Resp: 49240
Ion Ratio Lower Upper
64 100
66 30.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.041 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:101 Resp: 87183
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.158 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023266.D

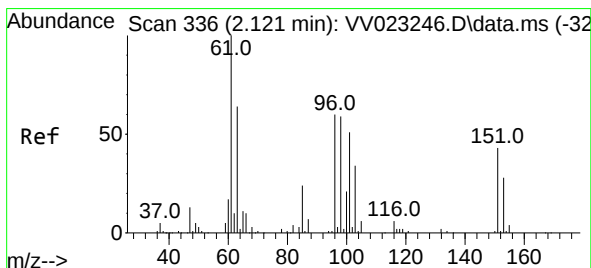
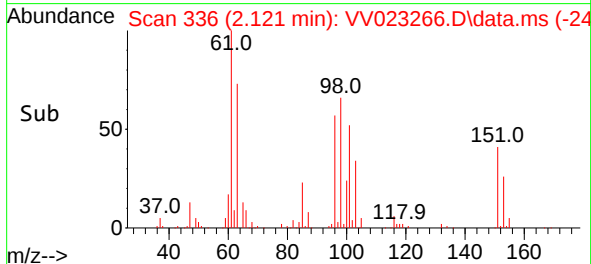
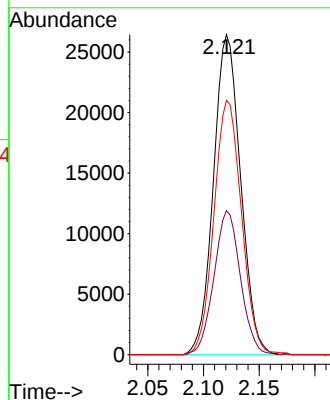
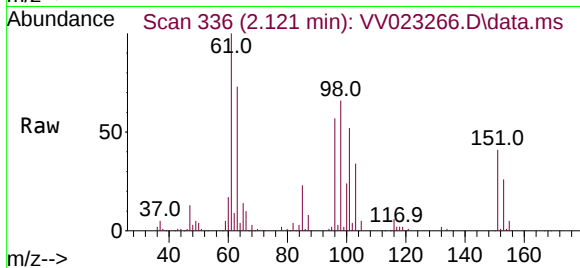
Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	44911
Ion Ratio	Lower	Upper
101	100	
85	43.8	35.4 53.0
151	80.6	64.3 96.5



#12

1,1-Dichloroethene

Concen: 5.160 ug/L

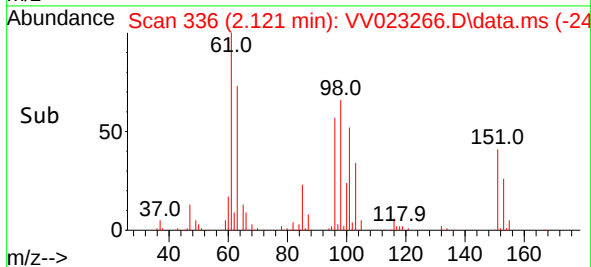
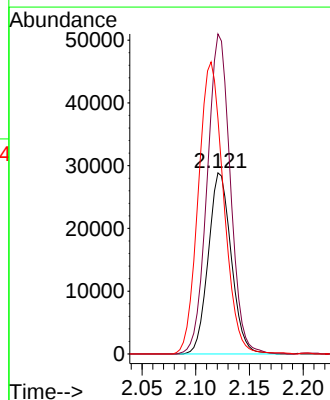
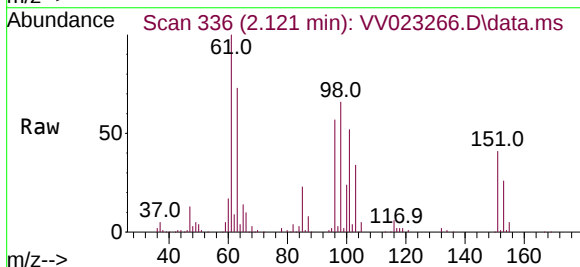
RT: 2.121 min Scan# 336

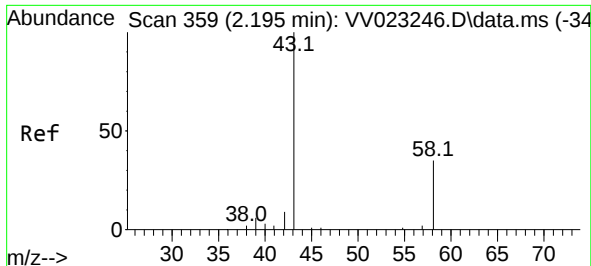
Delta R.T. -0.000 min

Lab File: VV023266.D

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Tgt Ion: 96	Resp:	42776
Ion Ratio	Lower	Upper
96	100	
61	176.7	117.7 218.7
63	129.8	80.5 149.5





#13

Acetone

Concen: 63.582 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.013 min

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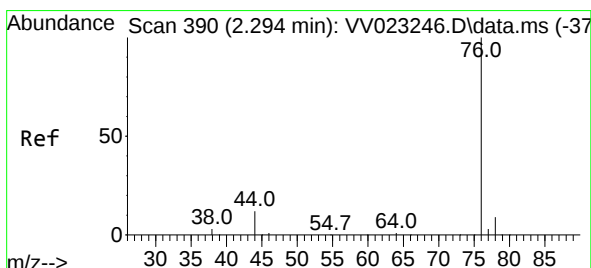
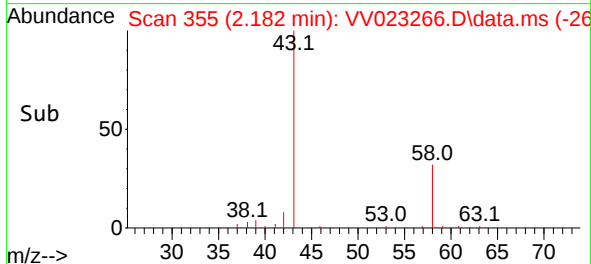
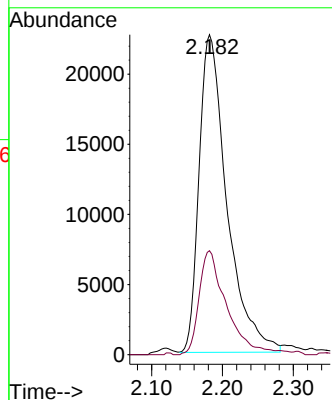
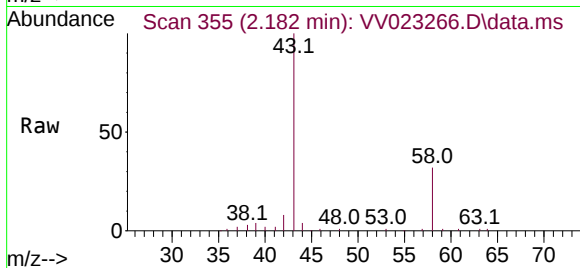
ClientSampleId :

Tgt Ion: 43 Resp: 61851

Ion Ratio Lower Upper

43 100

58 32.0 0.0 45.8



#14

Carbon disulfide

Concen: 4.950 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

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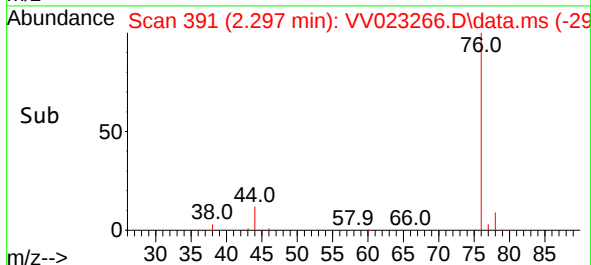
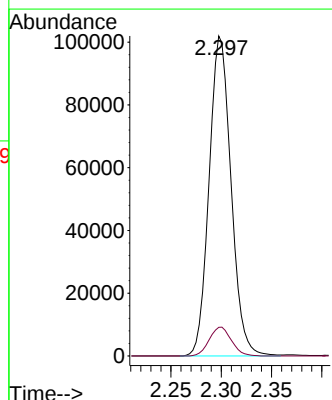
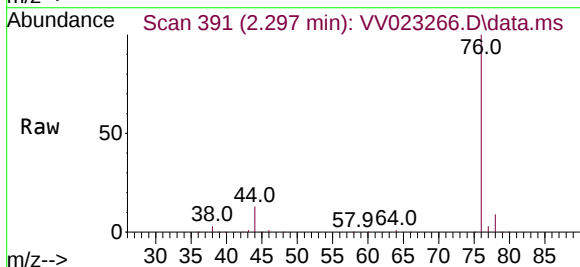
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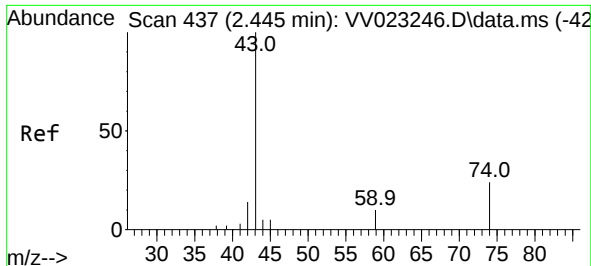
Tgt Ion: 76 Resp: 154865

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

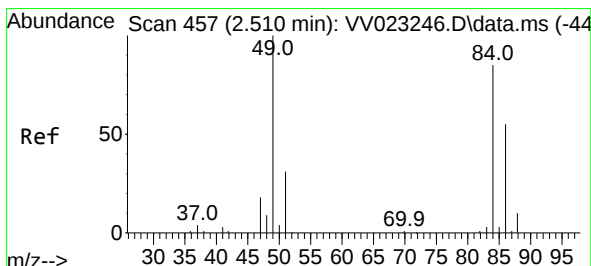
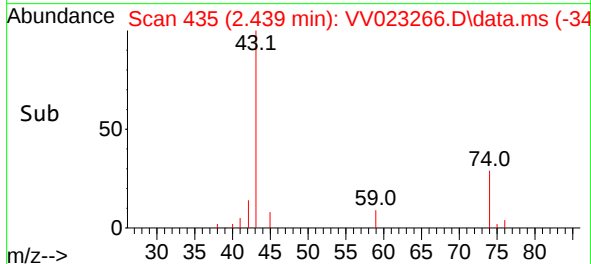
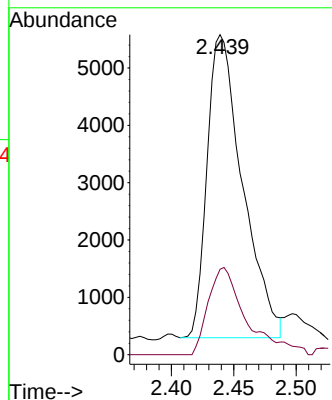
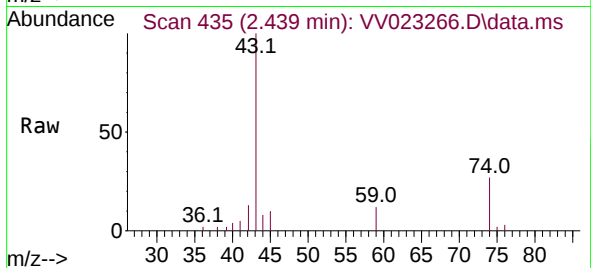




#15
Methyl Acetate
Concen: 2.813 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

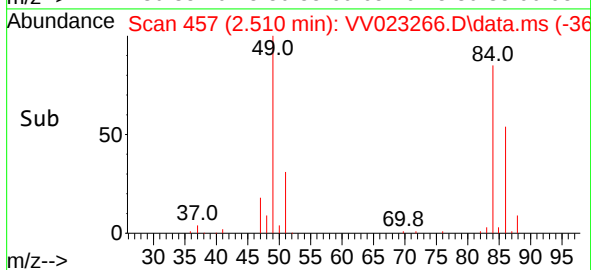
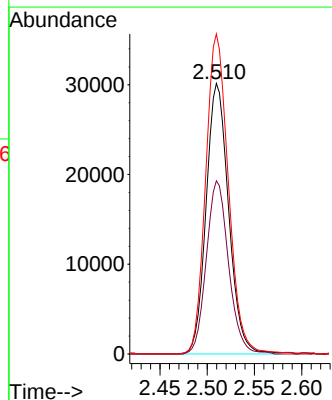
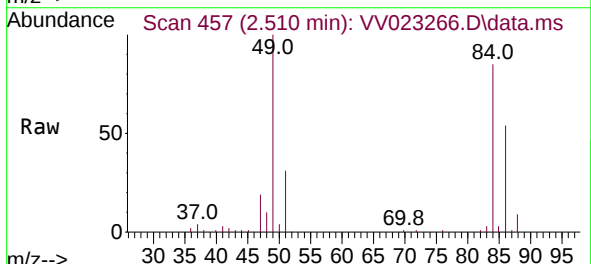
Instrument :
MSVOA_V
ClientSampleId :

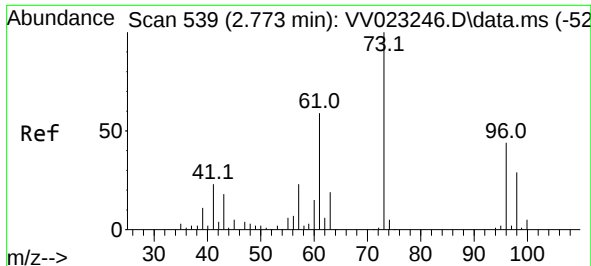
Tgt Ion: 43 Resp: 10464
Ion Ratio Lower Upper
43 100
74 30.8 16.0 24.0#



#16
Methylene chloride
Concen: 4.126 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 84 Resp: 49924
Ion Ratio Lower Upper
84 100
86 64.0 43.3 80.5
49 118.3 84.1 156.1

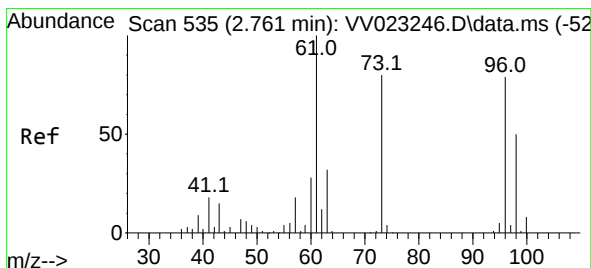
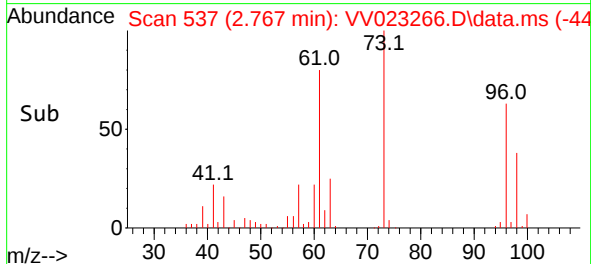
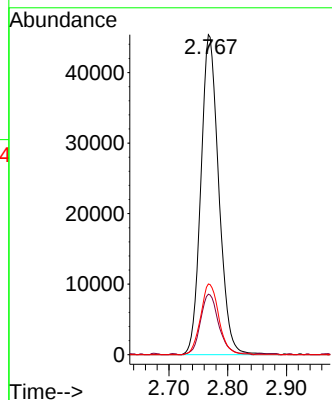
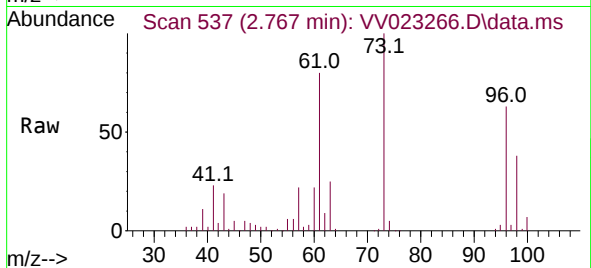




#17
Methyl tert-butyl Ether
Concen: 5.239 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

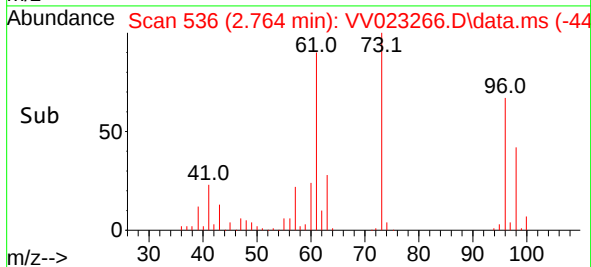
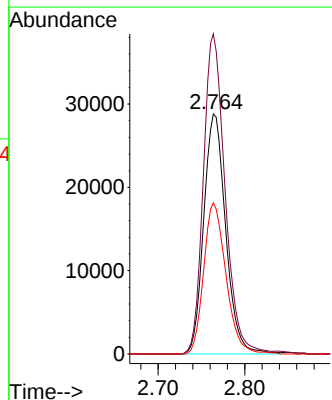
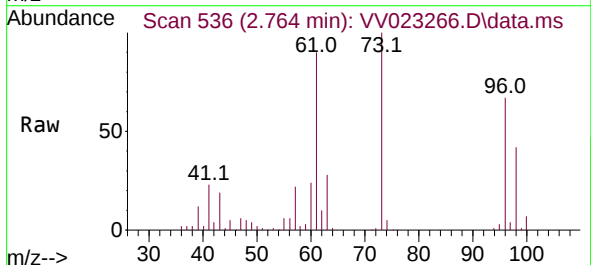
Instrument :
MSVOA_V
ClientSampleId :

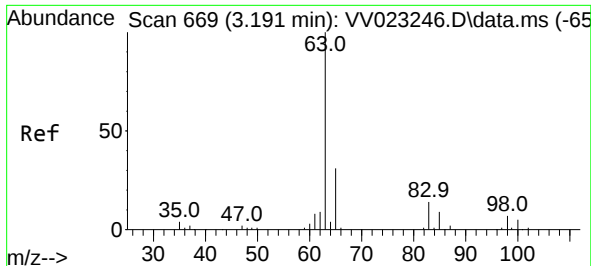
Tgt Ion: 73 Resp: 95620
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.4
57 22.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.985 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 96 Resp: 50806
Ion Ratio Lower Upper
96 100
61 133.4 89.2 165.6
98 63.0 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.152 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

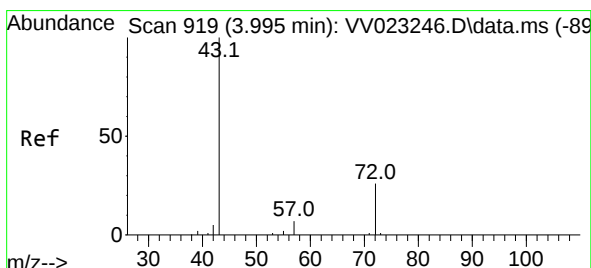
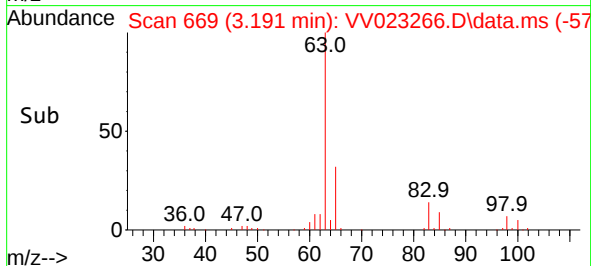
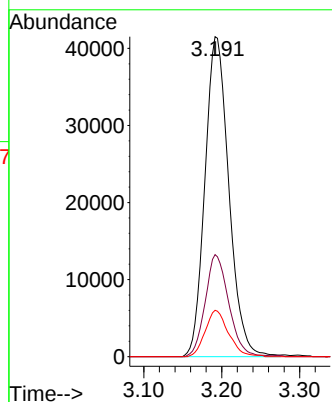
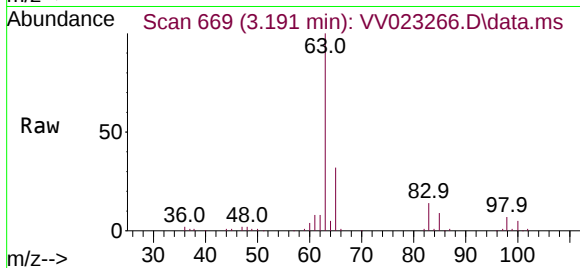
Tgt Ion: 63 Resp: 88660

Ion Ratio Lower Upper

63 100

65 31.9 21.6 40.2

83 14.5 9.8 18.2



#21

2-Butanone

Concen: 74.122 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.019 min

Lab File: VV023266.D

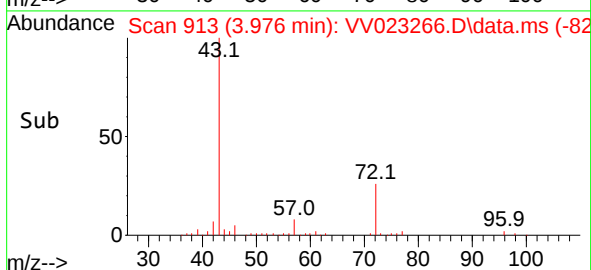
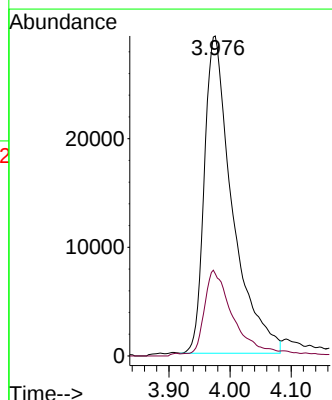
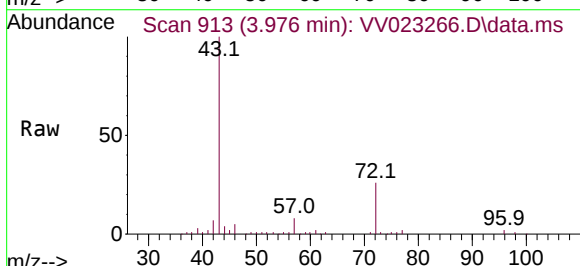
Acq: 06 Nov 2021 04:50

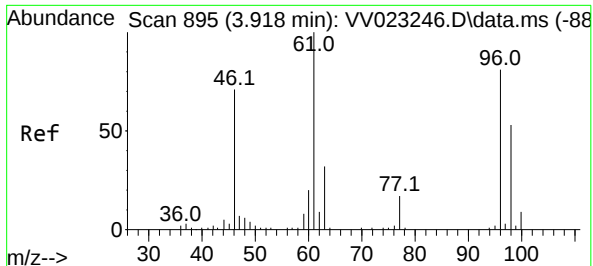
Tgt Ion: 43 Resp: 93108

Ion Ratio Lower Upper

43 100

72 26.3 11.6 34.7

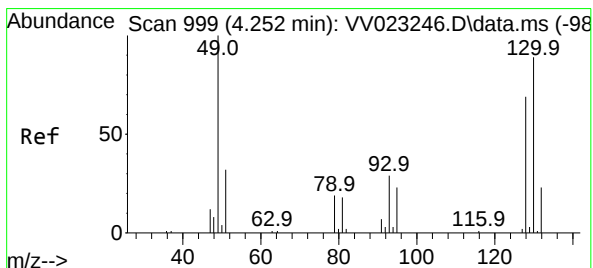
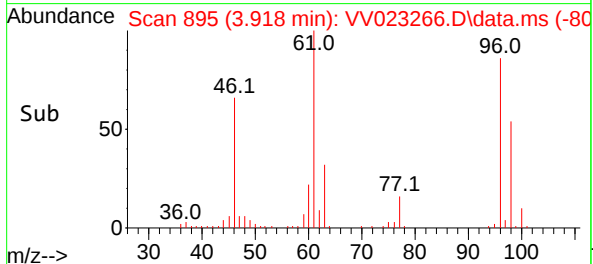
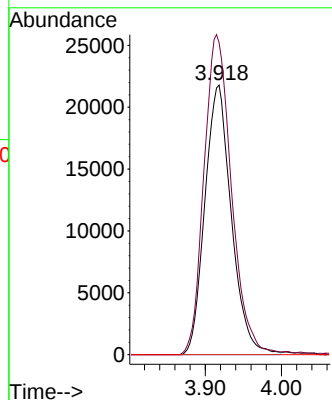
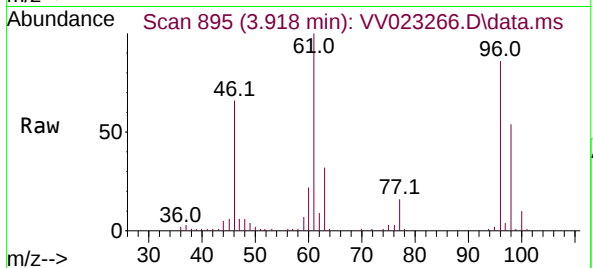




#22
 cis-1,2-Dichloroethene
 Concen: 5.379 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. -0.000 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

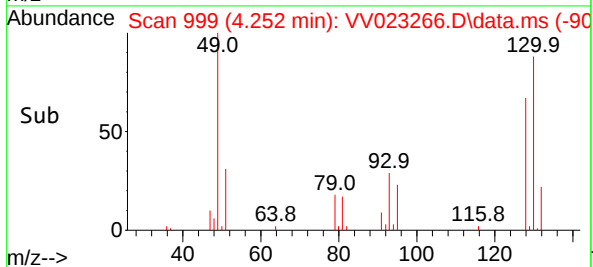
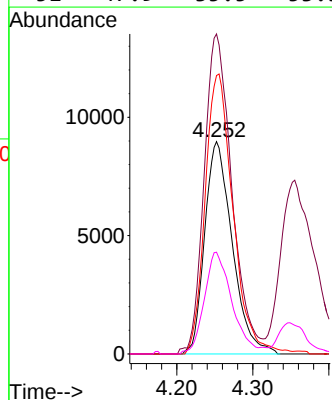
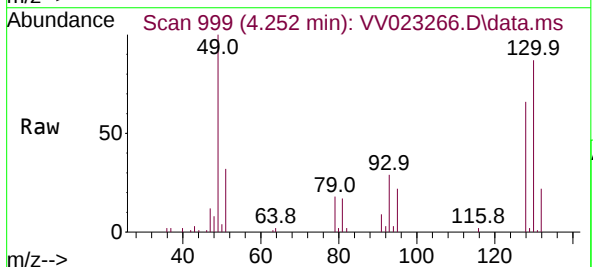
Instrument :
 MSVOA_V
 ClientSampleId :

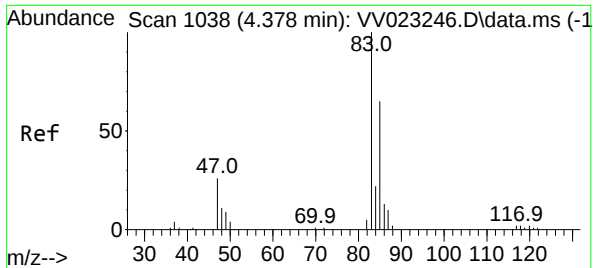
Tgt Ion: 96 Resp: 52761
 Ion Ratio Lower Upper
 96 100
 61 115.7 86.7 160.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.988 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

Tgt Ion: 128 Resp: 22562
 Ion Ratio Lower Upper
 128 100
 49 150.7 103.0 191.4
 130 131.1 86.7 161.1
 51 47.9 35.5 53.3

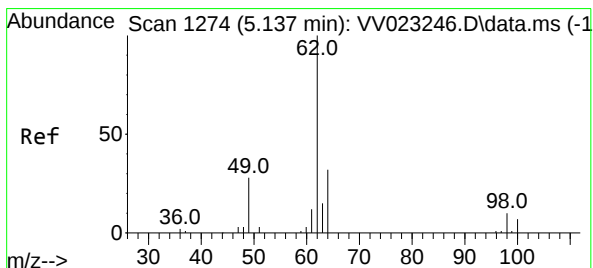
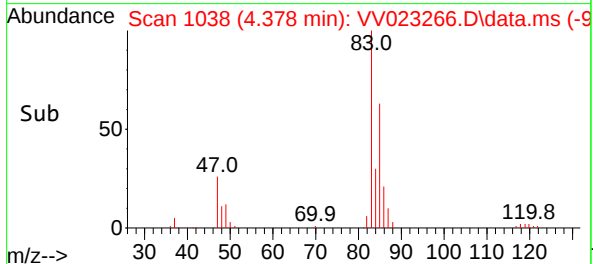
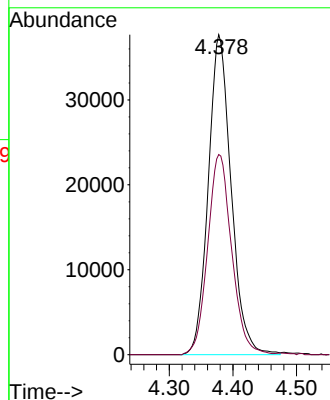
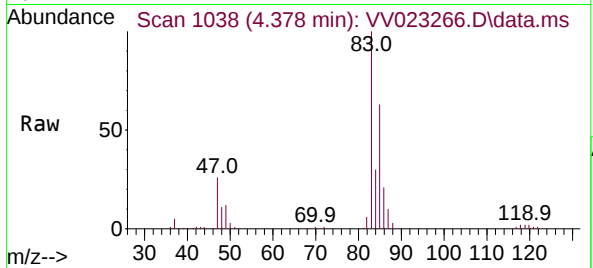




#25
Chloroform
Concen: 5.127 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

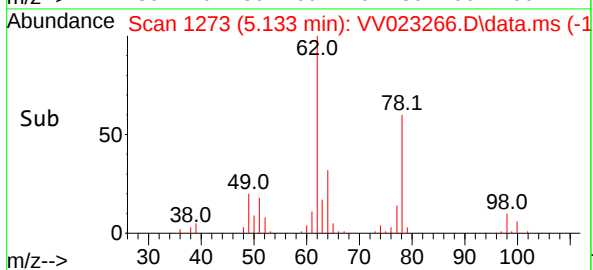
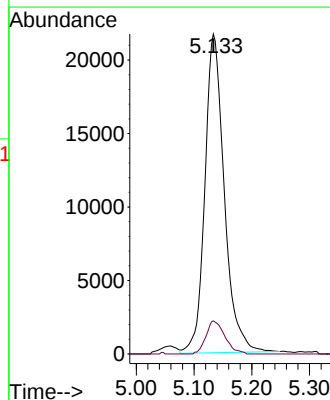
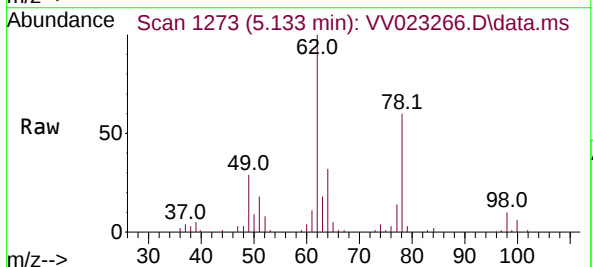
Instrument :
MSVOA_V
ClientSampleId :

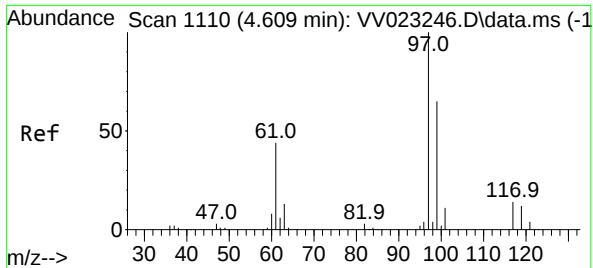
Tgt Ion: 83 Resp: 94034
Ion Ratio Lower Upper
83 100
85 62.6 46.3 85.9



#27
1,2-Dichloroethane
Concen: 5.194 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 62 Resp: 50676
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.971 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

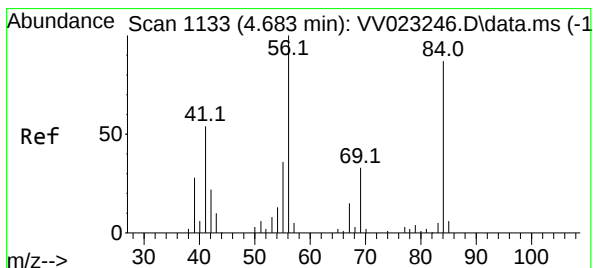
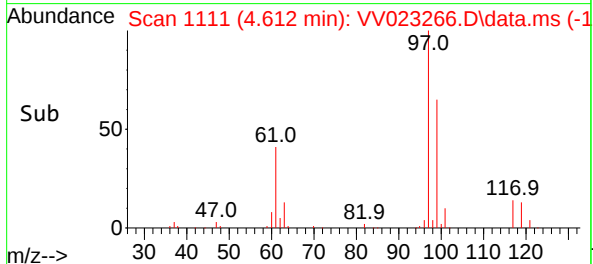
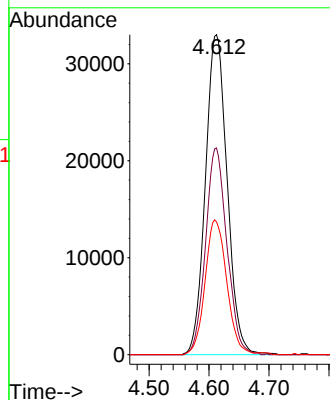
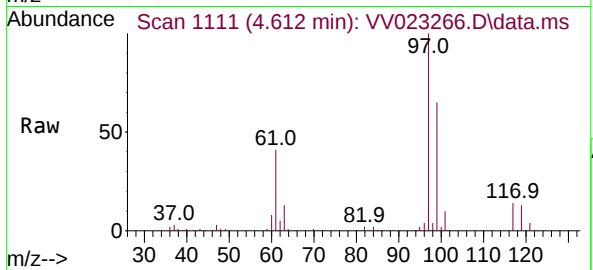
Tgt Ion: 97 Resp: 83476

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 42.0 33.5 50.3



#30

Cyclohexane

Concen: 4.843 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

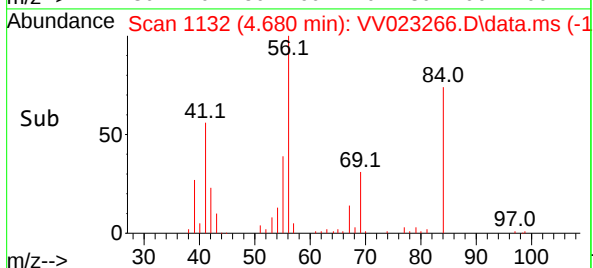
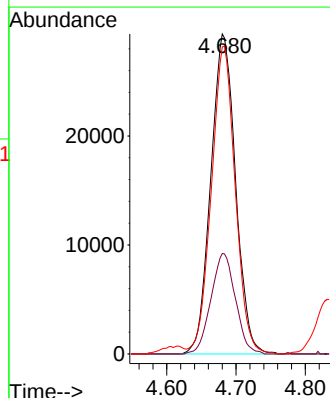
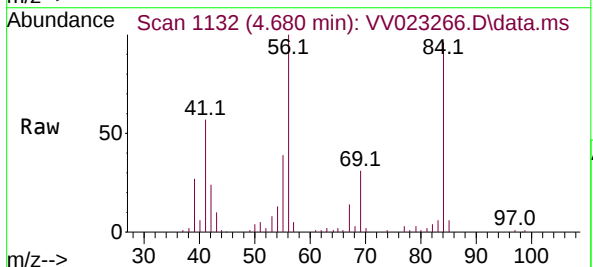
Tgt Ion: 56 Resp: 72862

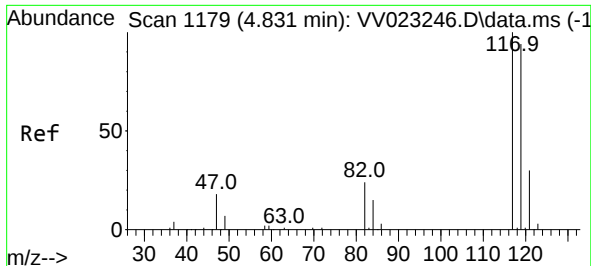
Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 92.8 73.8 110.6

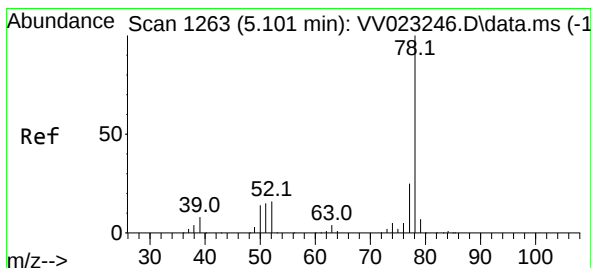
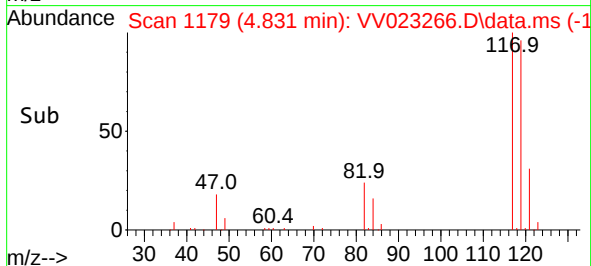
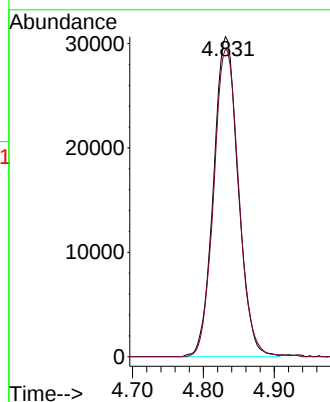
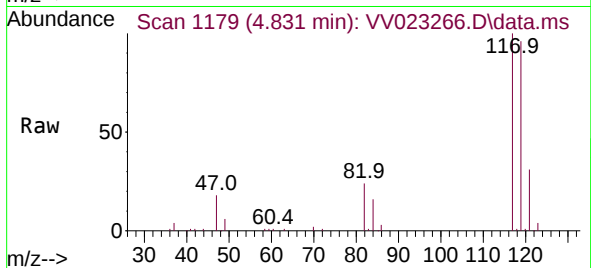




#31
Carbon tetrachloride
Concen: 4.932 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

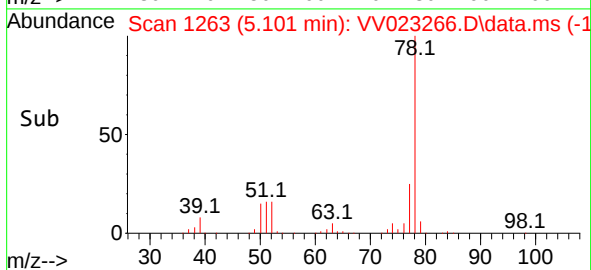
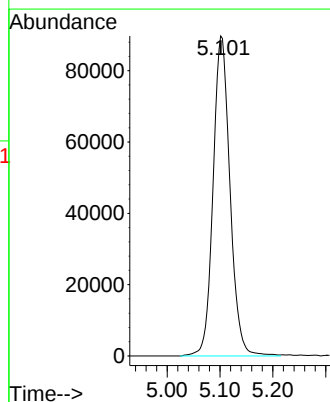
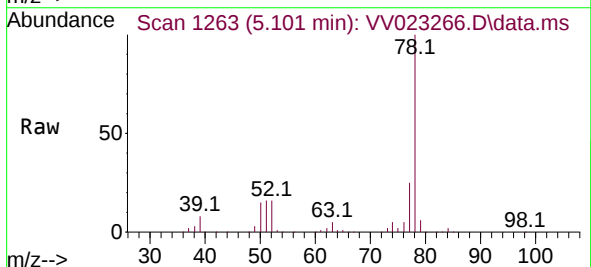
Instrument :
MSVOA_V
ClientSampleId :

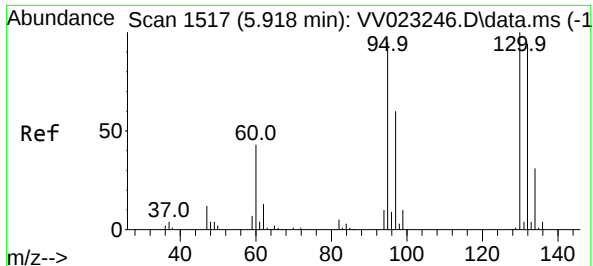
Tgt Ion:117 Resp: 74370
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8



#33
Benzene
Concen: 5.171 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

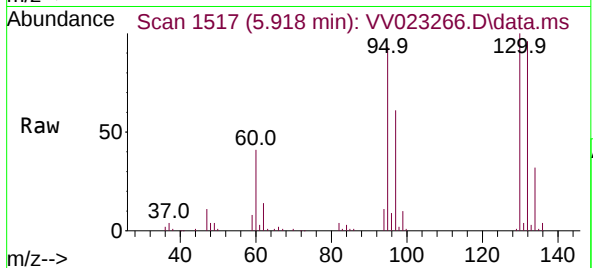
Tgt Ion: 78 Resp: 199820



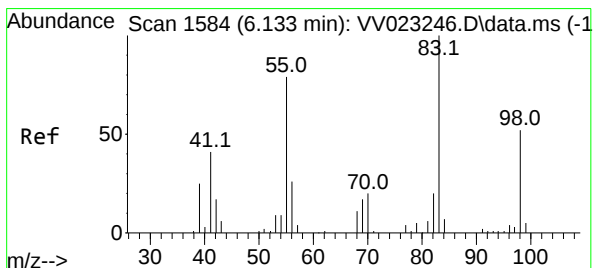
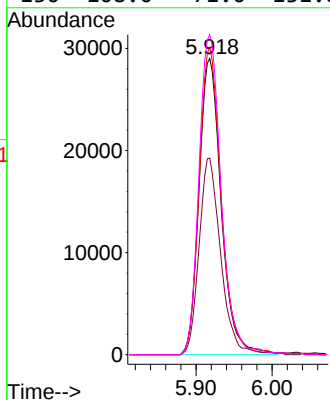
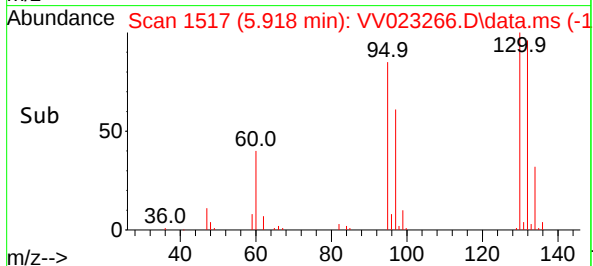


#34
Trichloroethene
Concen: 5.729 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

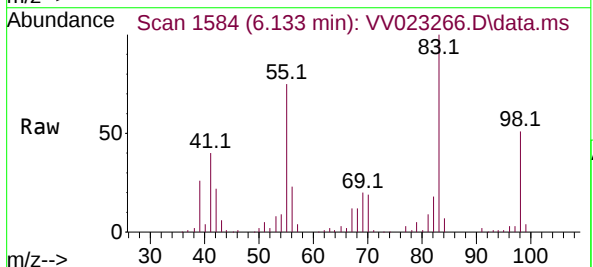
Instrument :
MSVOA_V
ClientSampleId :



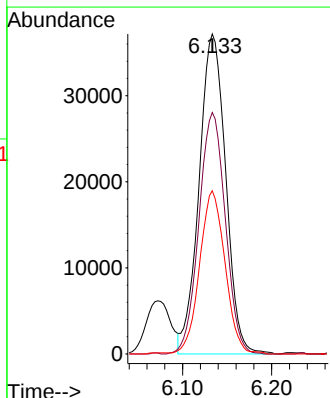
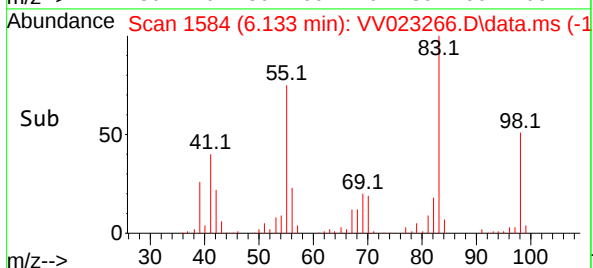
Tgt Ion: 95 Resp: 58871
Ion Ratio Lower Upper
95 100
97 66.4 43.3 80.5
132 103.8 70.0 130.0
130 108.0 71.0 131.8

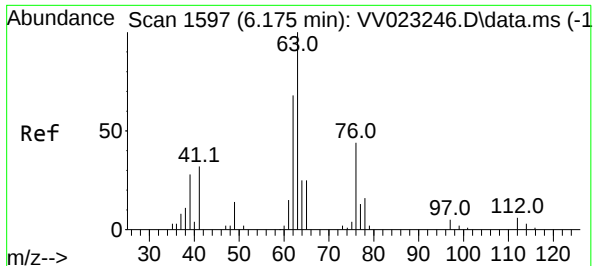


#35
Methylcyclohexane
Concen: 4.756 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50



Tgt Ion: 83 Resp: 77138
Ion Ratio Lower Upper
83 100
55 75.0 59.6 89.4
98 48.9 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.301 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

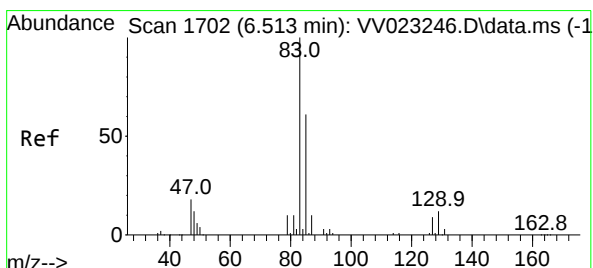
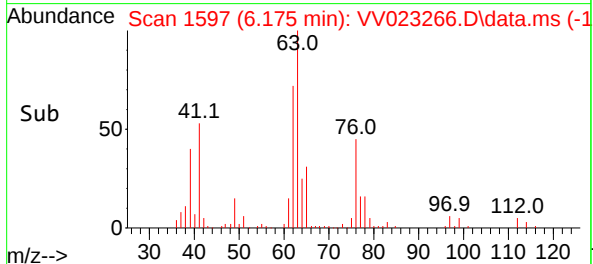
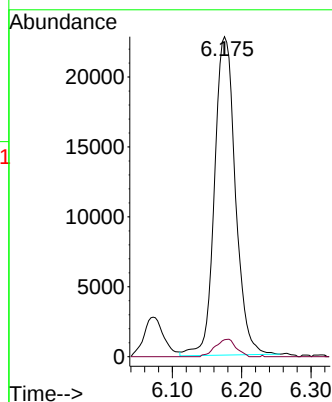
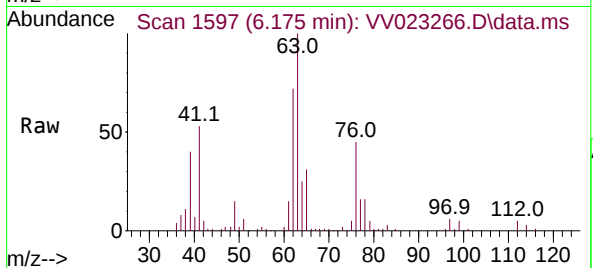
ClientSampleId :

Tgt Ion: 63 Resp: 47817

Ion Ratio Lower Upper

63 100

112 5.4 4.5 6.7



#38

Bromodichloromethane

Concen: 5.081 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

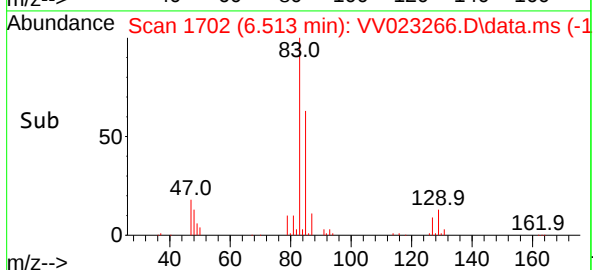
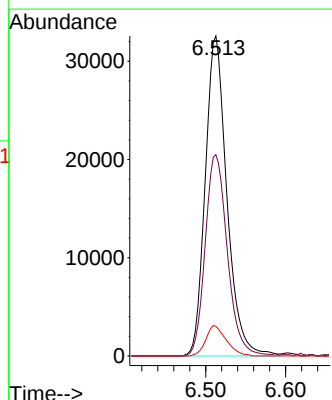
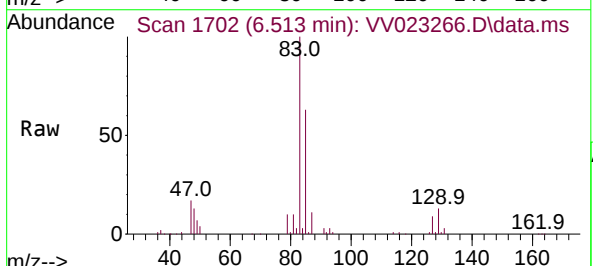
Tgt Ion: 83 Resp: 61420

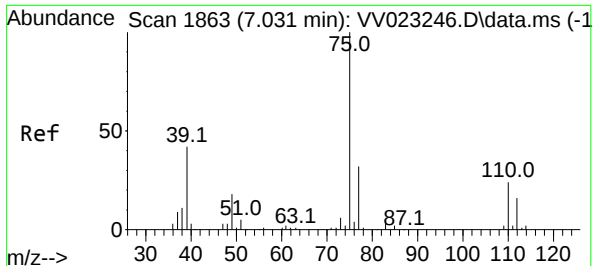
Ion Ratio Lower Upper

83 100

85 62.9 46.1 85.5

127 9.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.856 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

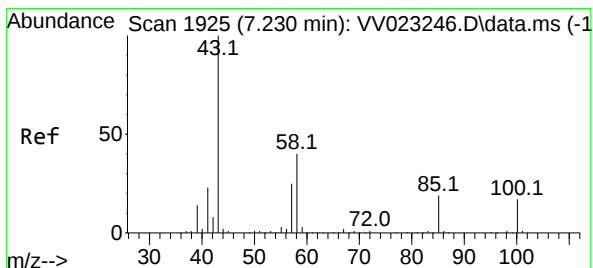
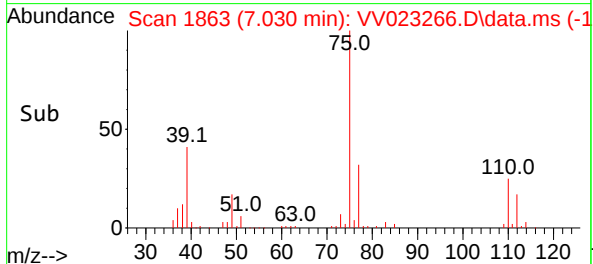
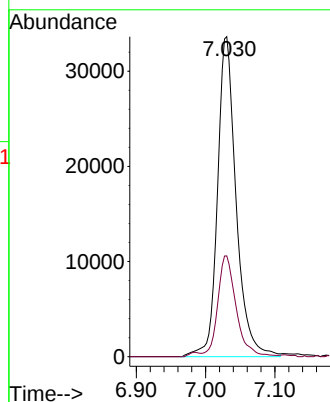
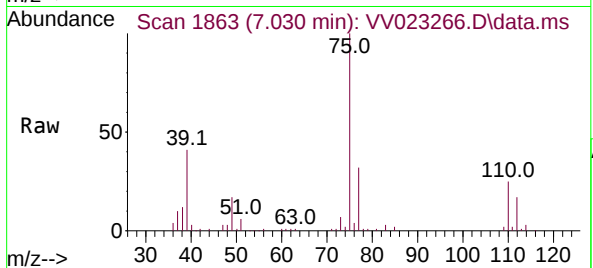
ClientSampleId :

Tgt Ion: 75 Resp: 63007

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.545 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

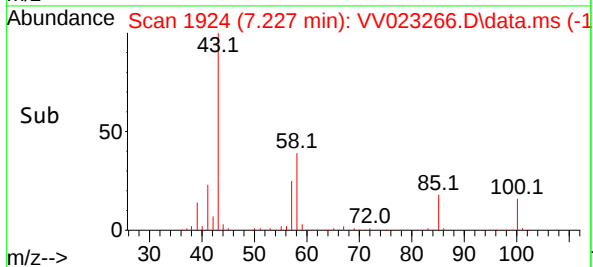
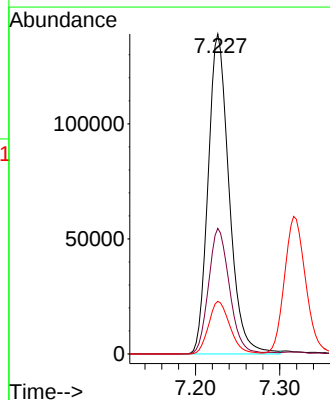
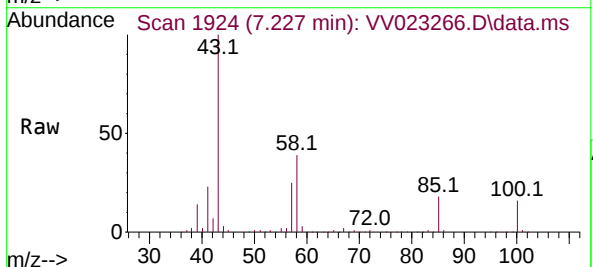
Tgt Ion: 43 Resp: 240759

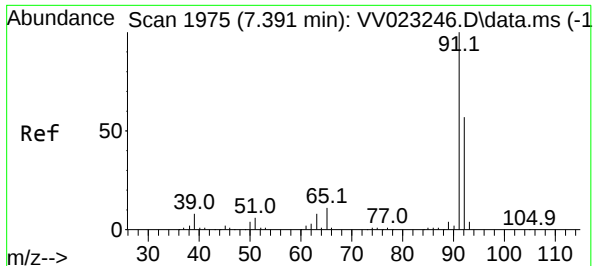
Ion Ratio Lower Upper

43 100

58 39.2 33.3 49.9

100 16.7 13.0 19.6





#42

Toluene

Concen: 5.291 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

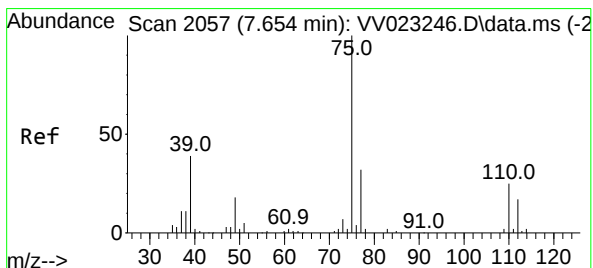
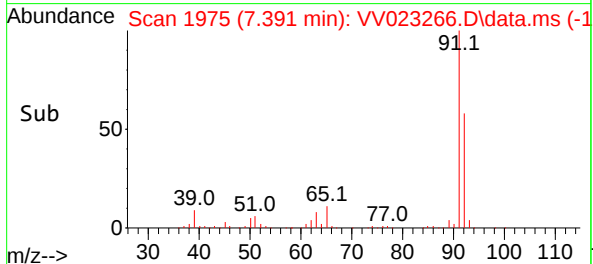
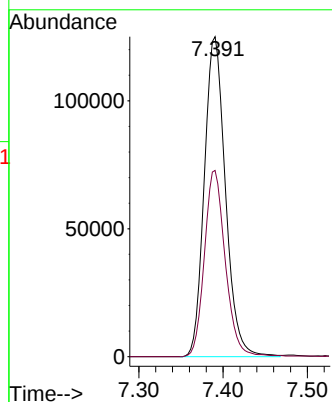
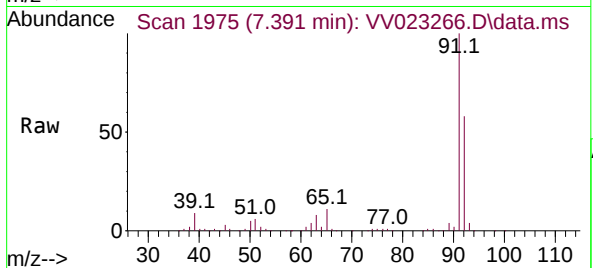
ClientSampleId :

Tgt Ion: 91 Resp: 218669

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.999 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV023266.D

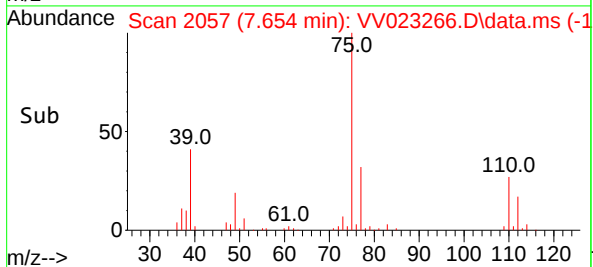
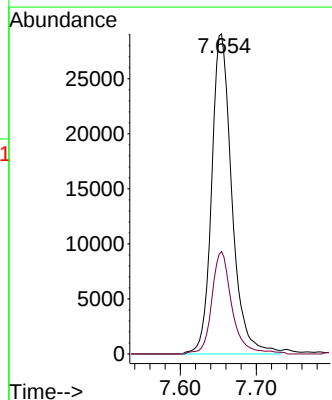
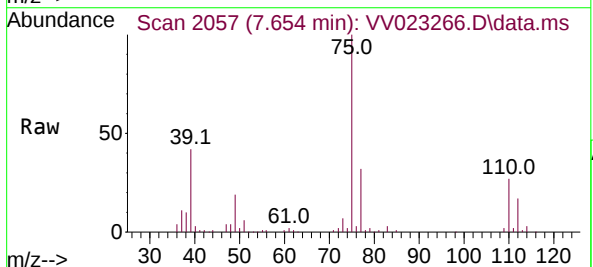
Acq: 06 Nov 2021 04:50

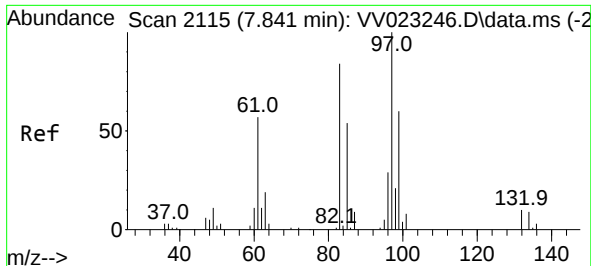
Tgt Ion: 75 Resp: 53819

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.6

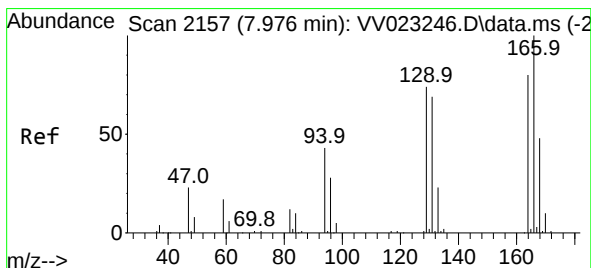
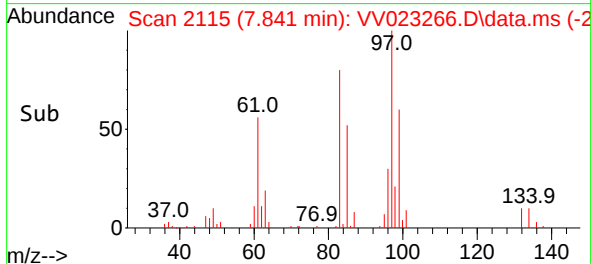
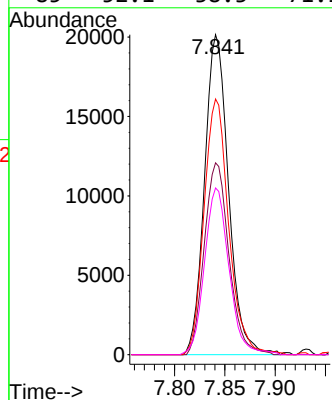
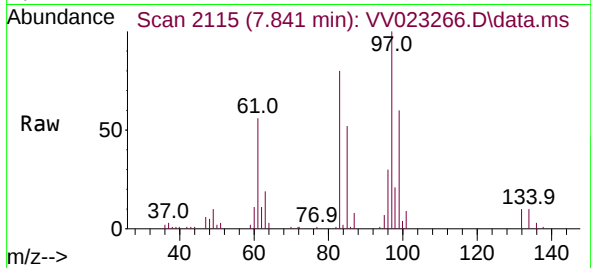




#45
1,1,2-Trichloroethane
Concen: 5.159 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

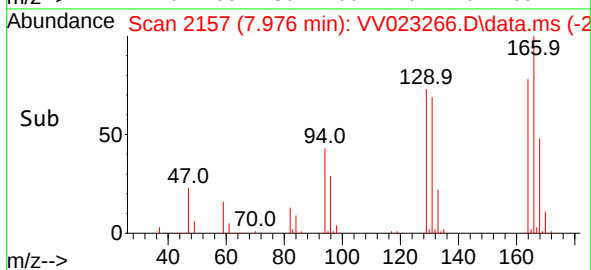
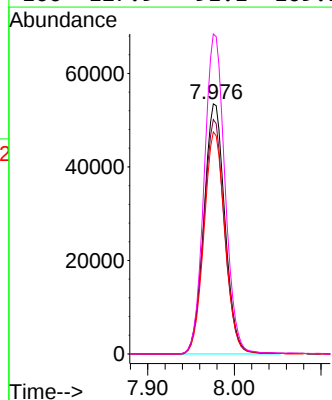
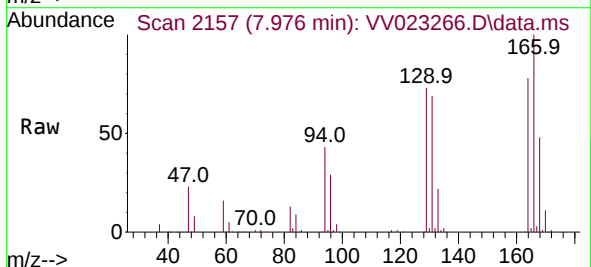
Instrument :
MSVOA_V
ClientSampleId :

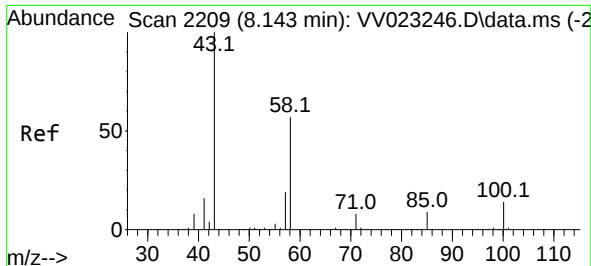
Tgt Ion: 97	Resp: 33439
Ion Ratio	Lower Upper
97 100	
99 59.9	47.0 87.4
83 79.9	62.6 116.3
85 52.1	38.3 71.1



#47
Tetrachloroethene
Concen: 10.126 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:164	Resp: 90180
Ion Ratio	Lower Upper
164 100	
129 93.7	65.5 121.7
131 88.8	63.9 118.7
166 127.9	91.1 169.1

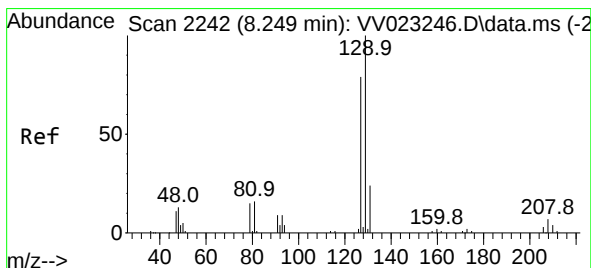
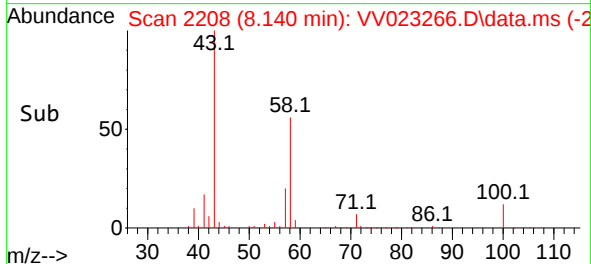
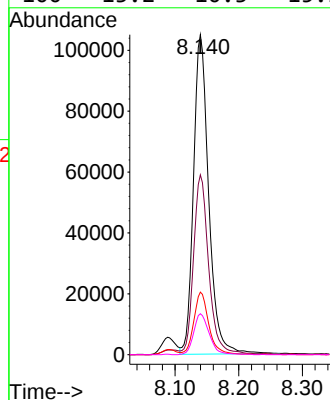
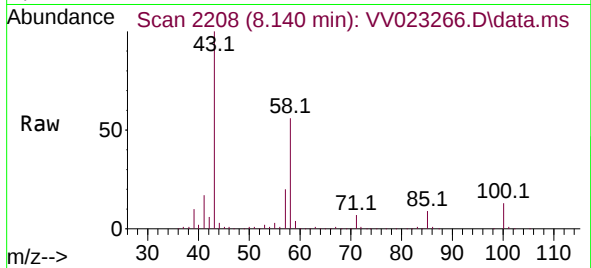




#48
2-Hexanone
Concen: 58.042 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

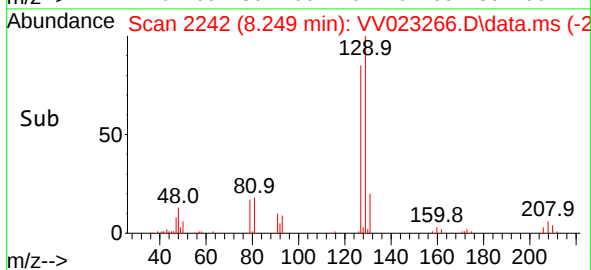
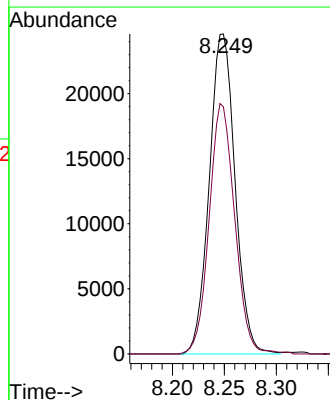
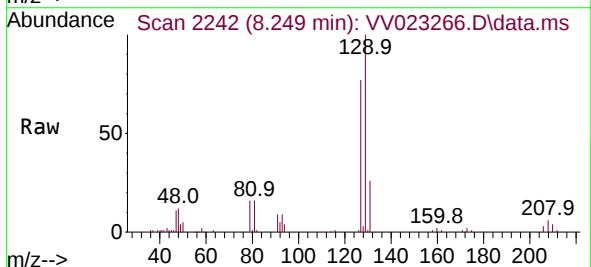
Instrument :
MSVOA_V
ClientSampleId :

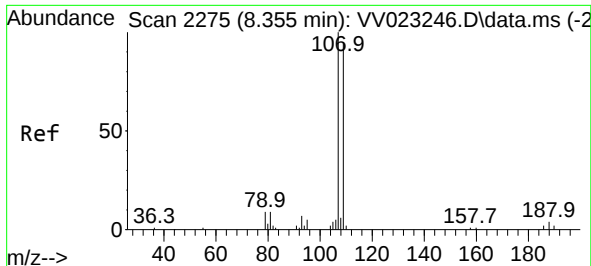
Tgt Ion: 43 Resp: 174169
Ion Ratio Lower Upper
43 100
58 55.5 43.0 64.6
57 19.3 14.9 22.3
100 13.2 10.3 15.5



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:129 Resp: 42475
Ion Ratio Lower Upper
129 100
127 77.3 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.136 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023266.D

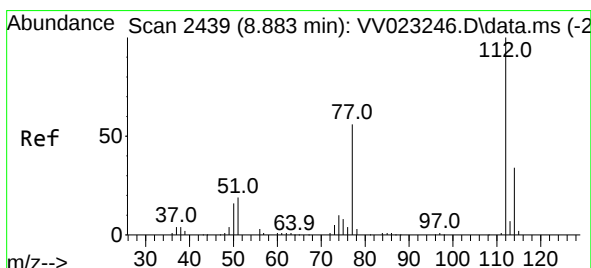
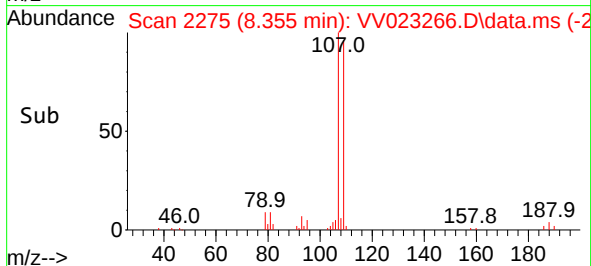
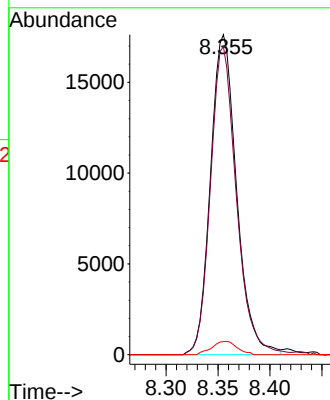
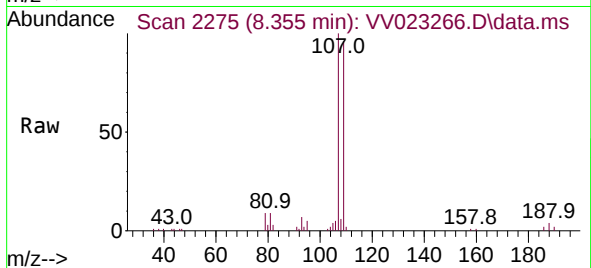
Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30853
Ion	Ratio	Lower	Upper
107	100		
109	96.3	67.0	124.4
188	4.1	2.9	4.3



#51

Chlorobenzene

Concen: 4.958 ug/L

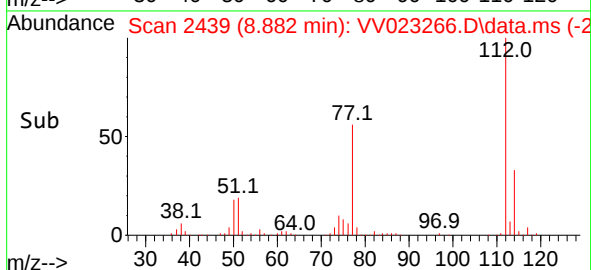
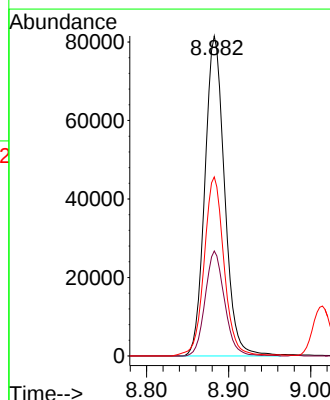
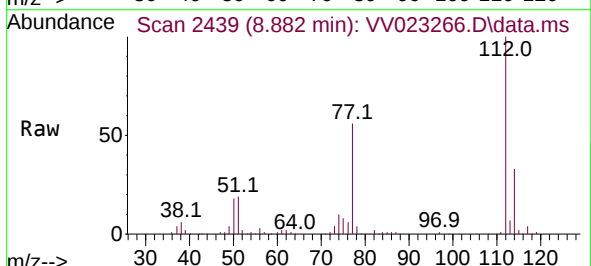
RT: 8.882 min Scan# 2439

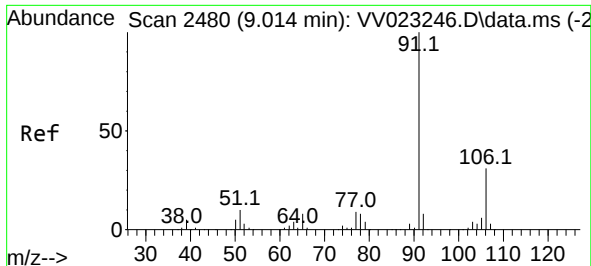
Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Tgt Ion:	112	Resp:	136208
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.4	41.6
77	55.9	43.8	65.8





#52

Ethylbenzene

Concen: 5.065 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

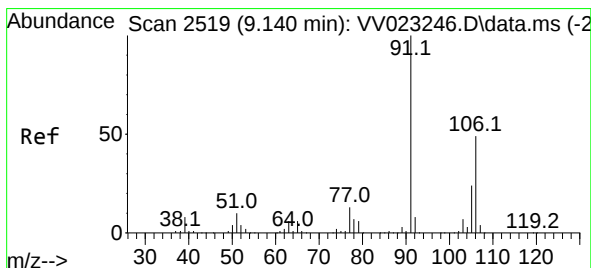
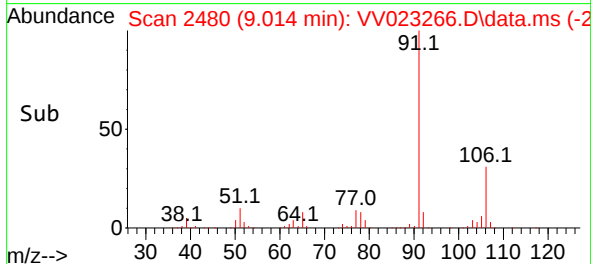
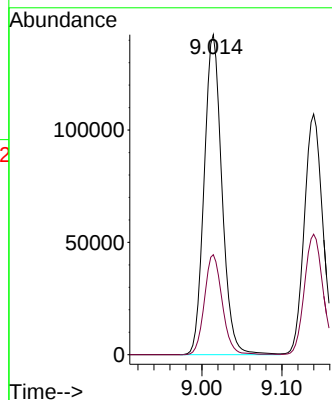
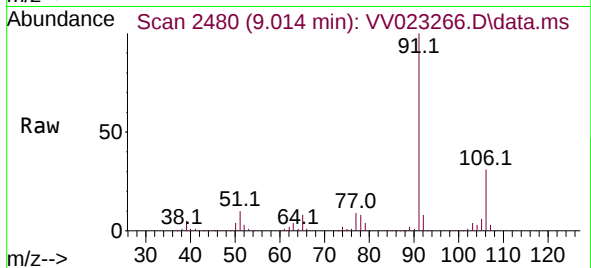
ClientSampleId :

Tgt Ion: 91 Resp: 220783

Ion Ratio Lower Upper

91 100

106 31.2 22.3 41.5



#53

m,p-xylene

Concen: 5.095 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023266.D

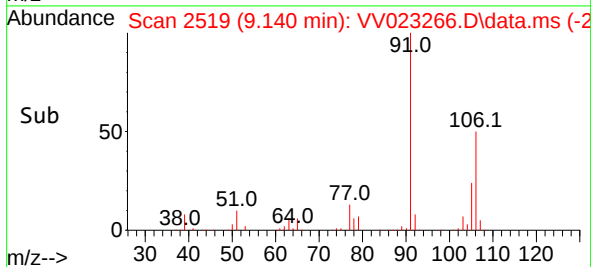
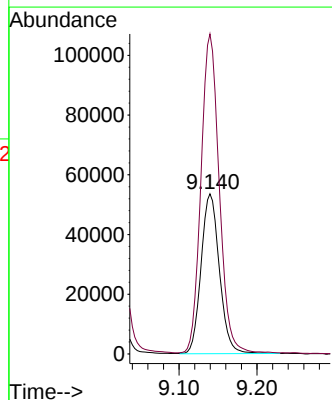
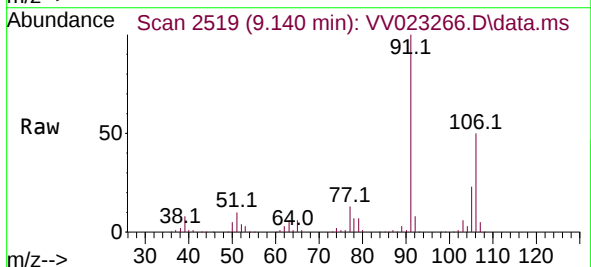
Acq: 06 Nov 2021 04:50

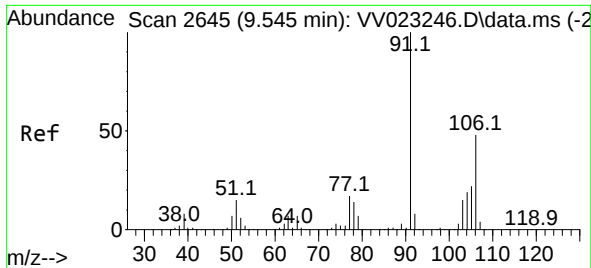
Tgt Ion: 106 Resp: 87166

Ion Ratio Lower Upper

106 100

91 199.9 140.1 260.1

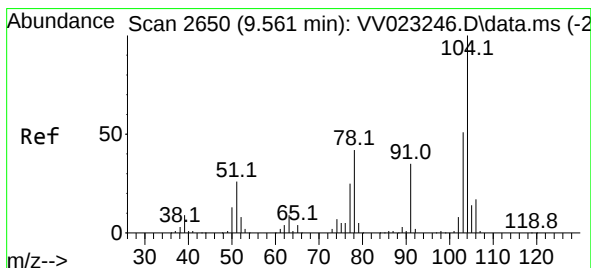
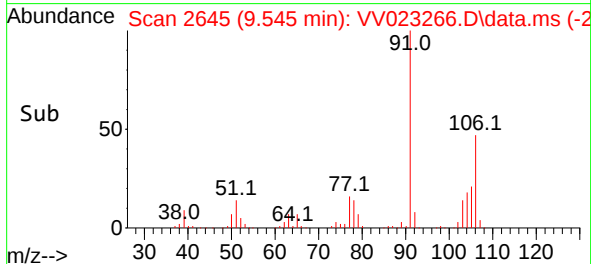
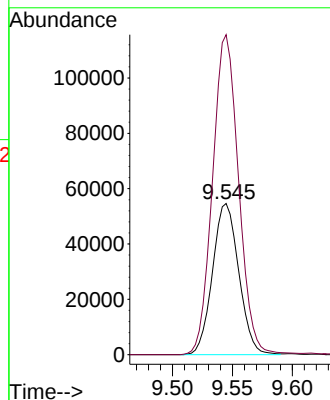
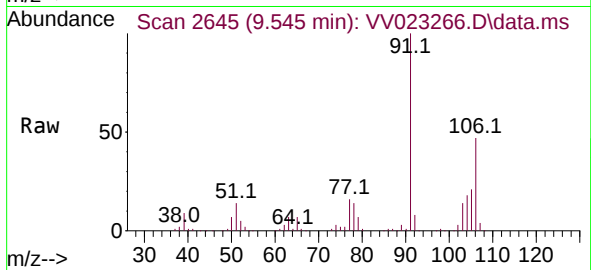




#54
o-xylene
Concen: 5.178 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

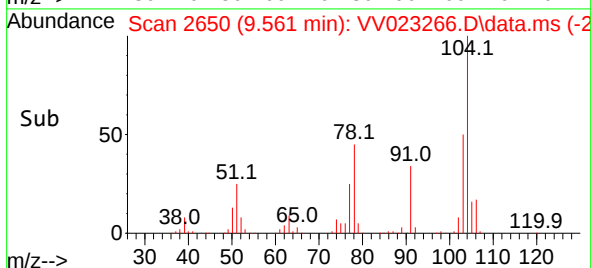
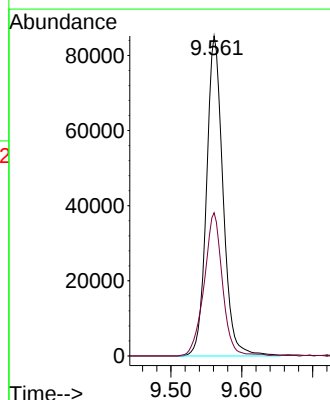
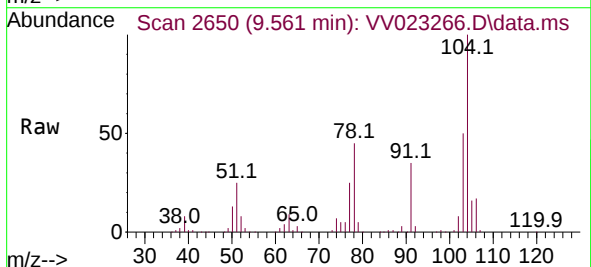
Instrument :
MSVOA_V
ClientSampleId :

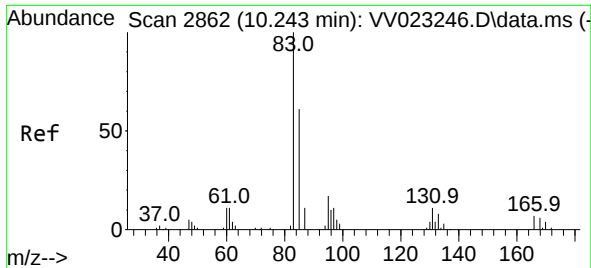
Tgt Ion:106 Resp: 83101
Ion Ratio Lower Upper
106 100
91 211.6 148.1 275.1



#55
Styrene
Concen: 5.019 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:104 Resp: 138004
Ion Ratio Lower Upper
104 100
78 44.8 30.4 56.5

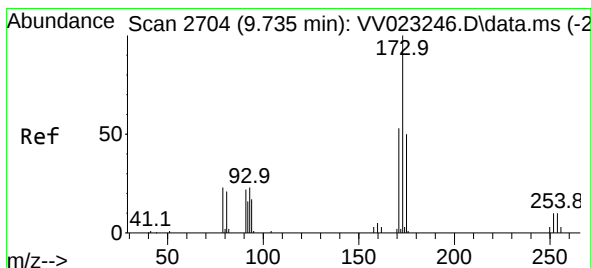
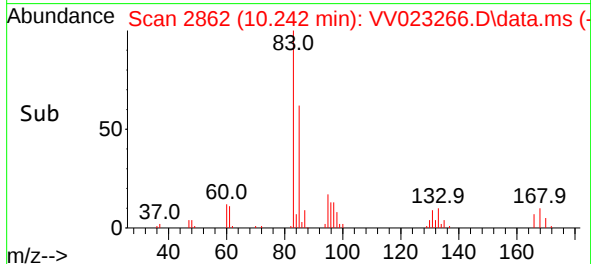
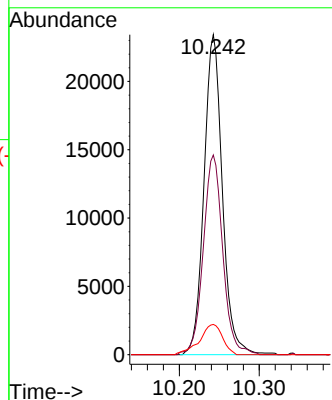
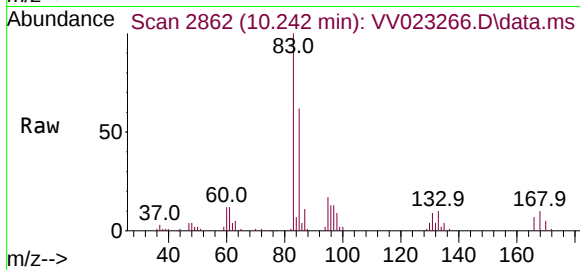




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.282 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

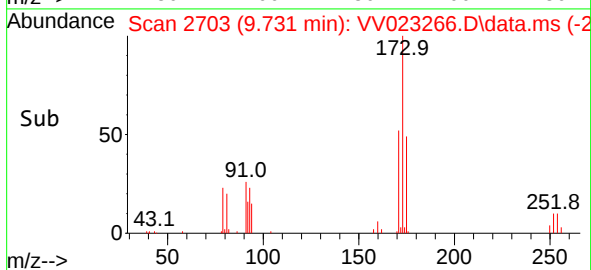
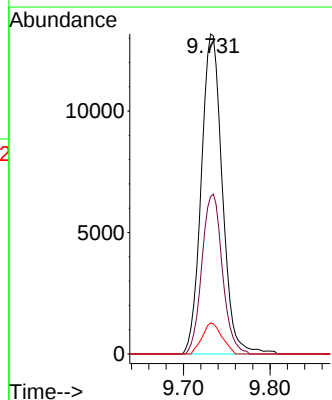
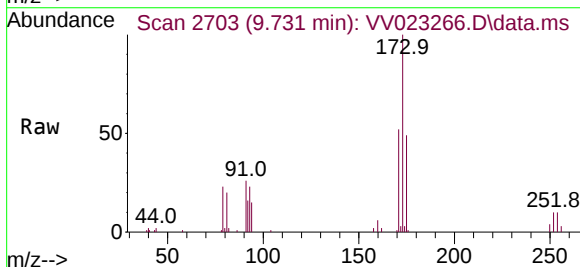
Instrument :
 MSVOA_V
 ClientSampleId :

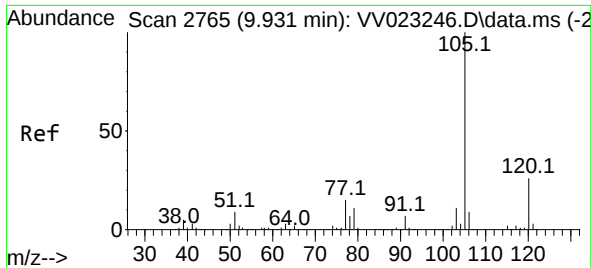
Tgt Ion: 83 Resp: 37514
 Ion Ratio Lower Upper
 83 100
 85 62.4 46.2 85.8
 131 9.5 8.7 13.1



#59
 Bromoform
 Concen: 4.940 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV023266.D
 Acq: 06 Nov 2021 04:50

Tgt Ion: 173 Resp: 22211
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.7 59.5
 254 9.1 6.6 10.0

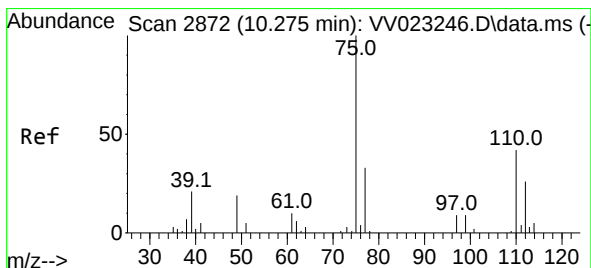
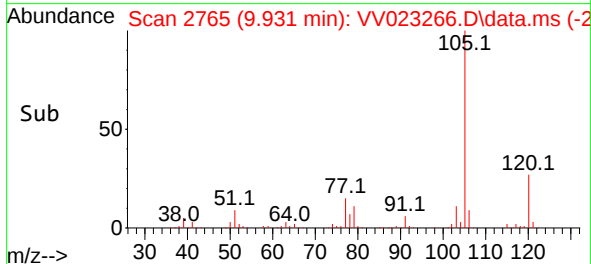
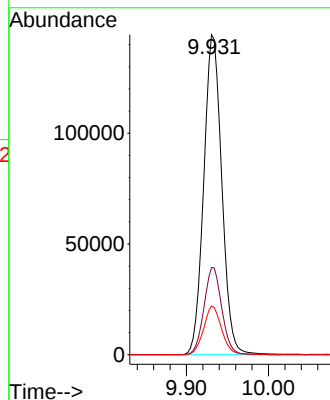
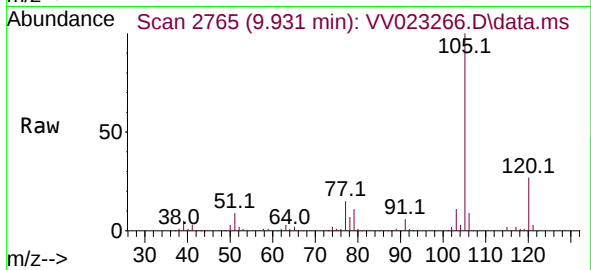




#60
Isopropylbenzene
Concen: 5.108 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

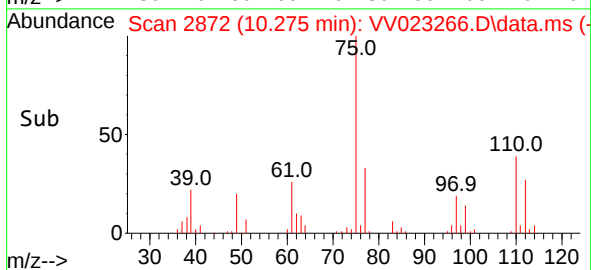
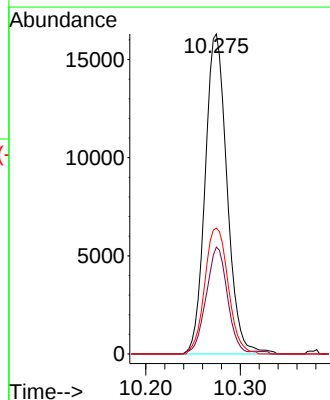
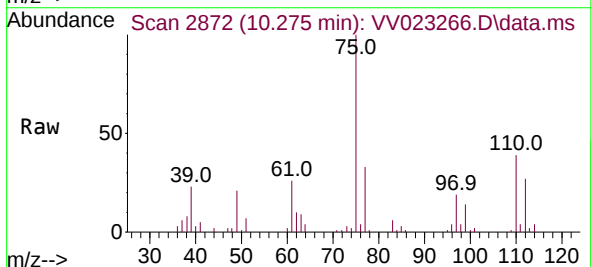
Instrument :
MSVOA_V
ClientSampleId :

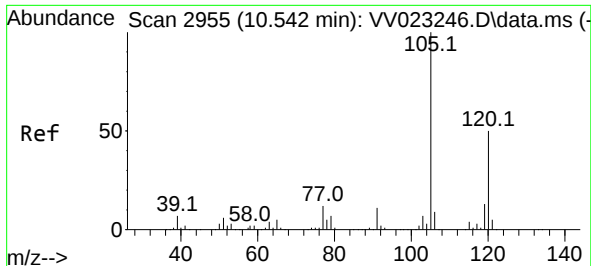
Tgt Ion:105 Resp: 220665
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.254 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion: 75 Resp: 26272
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 42.2 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 5.005 ug/L

RT: 10.538 min Scan# 2955

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

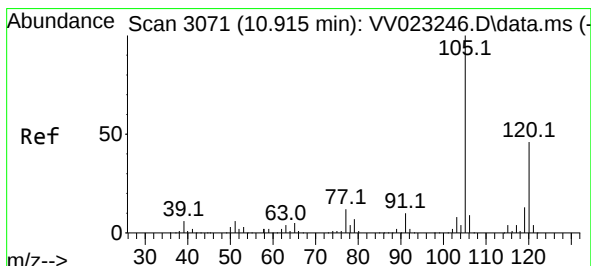
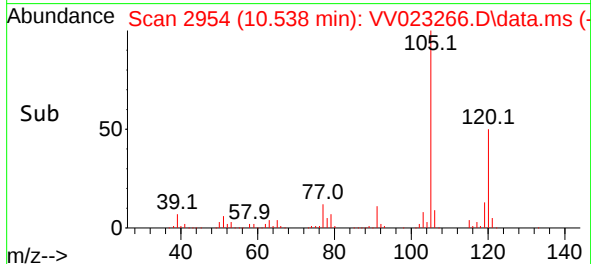
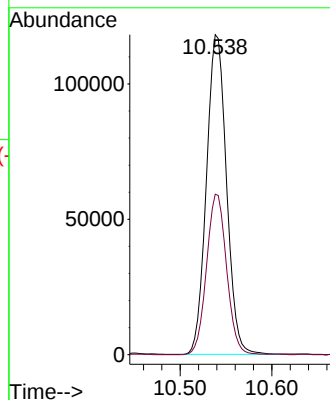
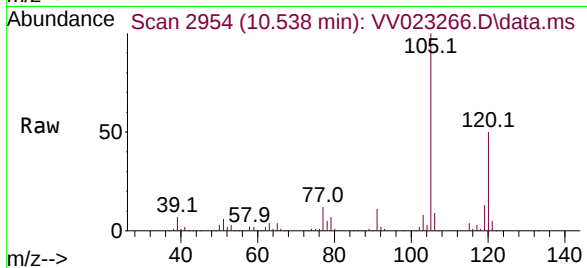
ClientSampleId :

Tgt Ion:105 Resp: 179271

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.103 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023266.D

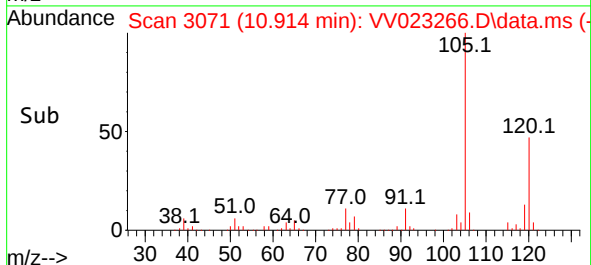
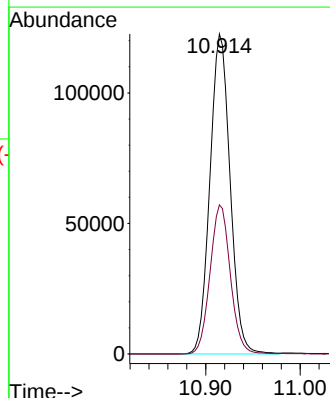
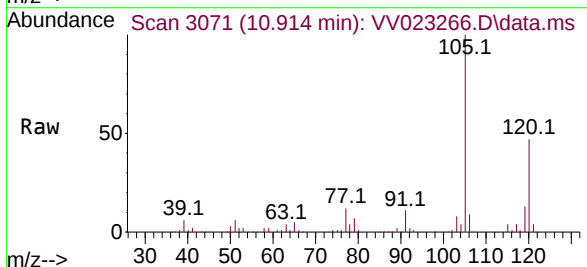
Acq: 06 Nov 2021 04:50

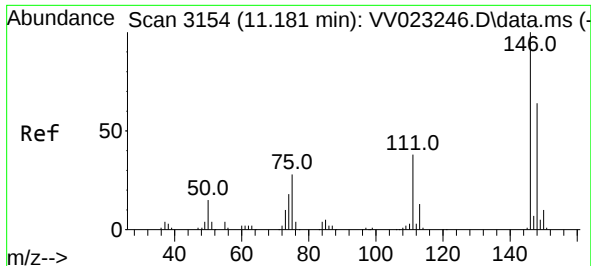
Tgt Ion:105 Resp: 181949

Ion Ratio Lower Upper

105 100

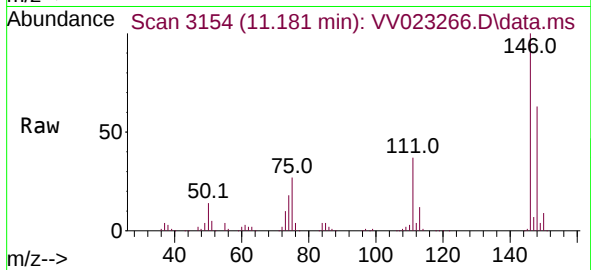
120 46.8 36.5 54.7



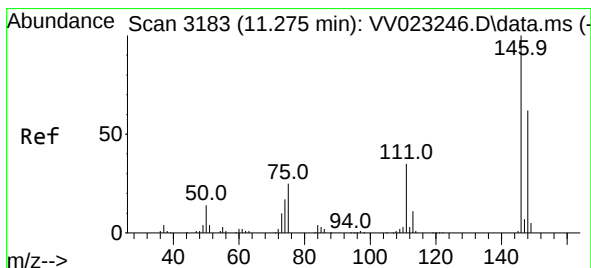
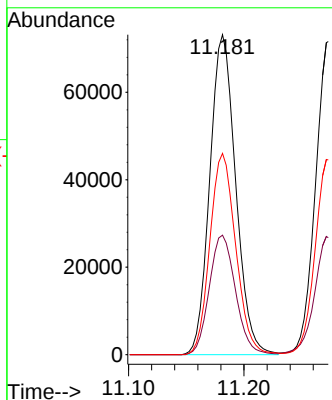
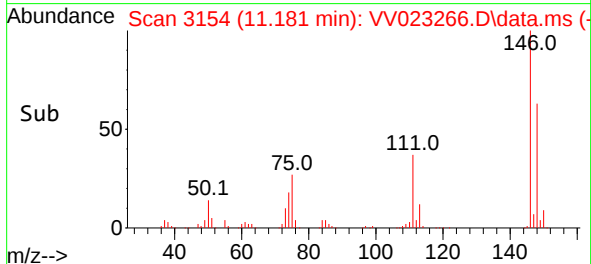


#64
1,3-Dichlorobenzene
Concen: 5.170 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

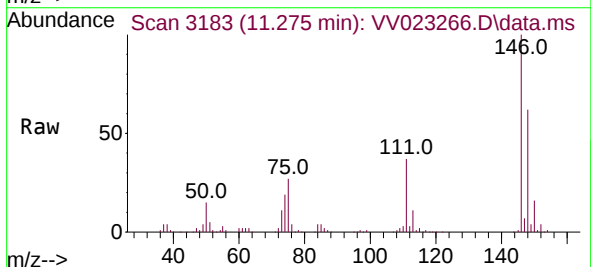
Instrument :
MSVOA_V
ClientSampleId :



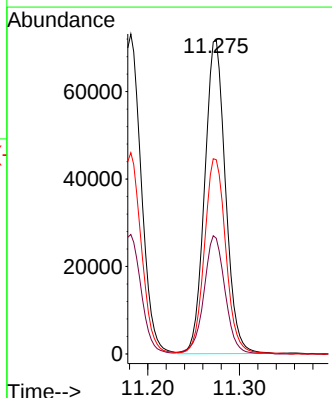
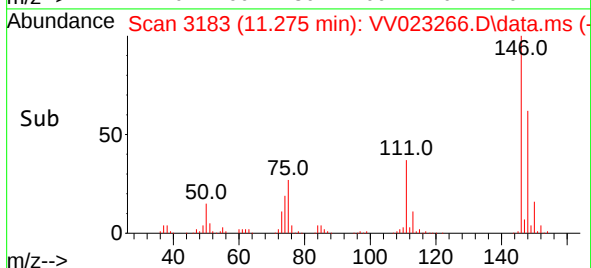
Tgt Ion:146 Resp: 114108
Ion Ratio Lower Upper
146 100
111 37.4 28.1 52.3
148 62.9 44.9 83.5

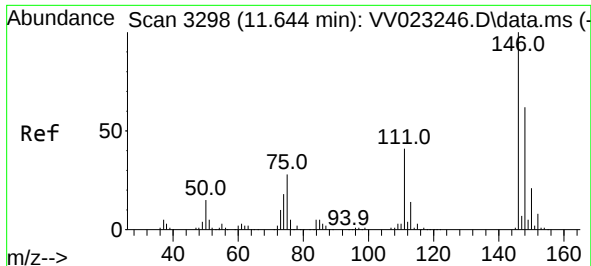


#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50



Tgt Ion:146 Resp: 113163
Ion Ratio Lower Upper
146 100
111 36.8 26.1 48.5
148 61.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.181 ug/L

RT: 11.644 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :

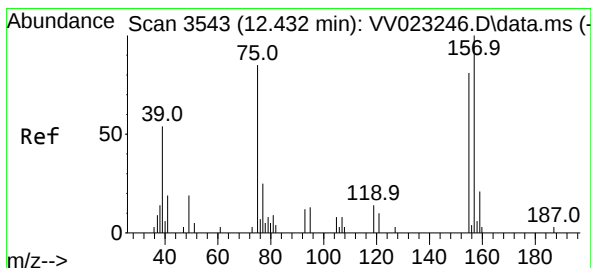
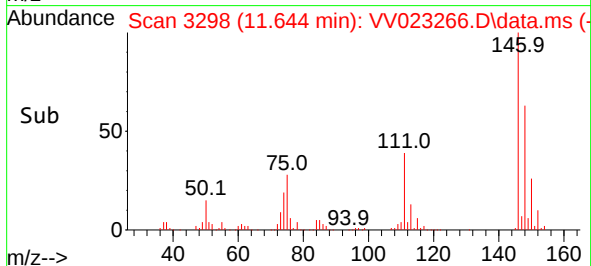
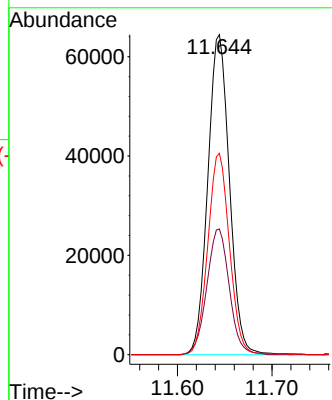
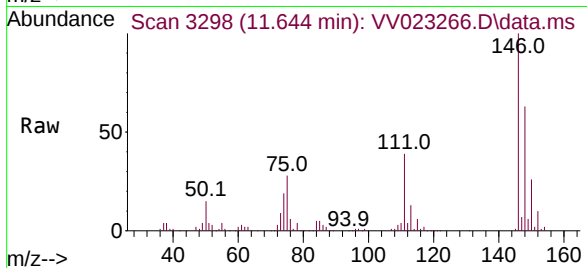
Tgt Ion:146 Resp: 102336

Ion Ratio Lower Upper

146 100

111 39.3 31.3 46.9

148 63.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.906 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

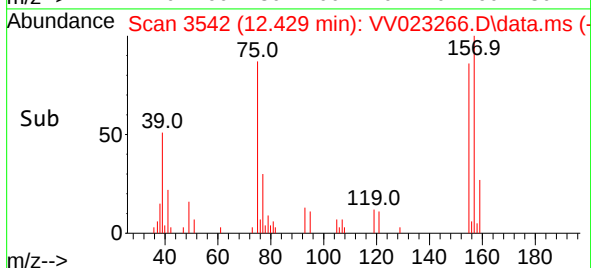
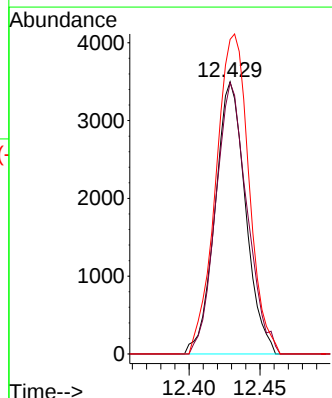
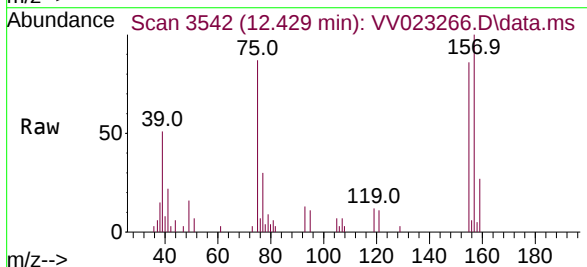
Tgt Ion: 75 Resp: 5227

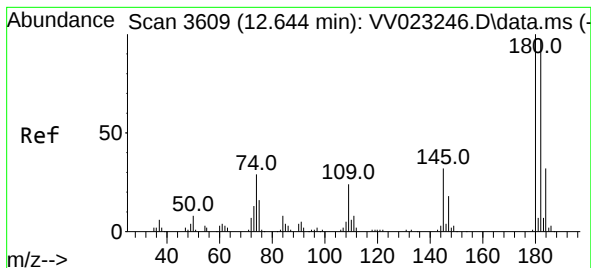
Ion Ratio Lower Upper

75 100

155 99.6 69.4 104.2

157 115.6 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.706 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

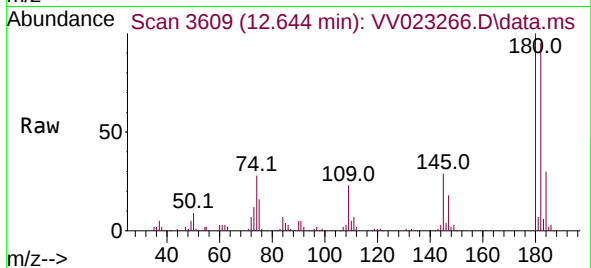
Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 81334

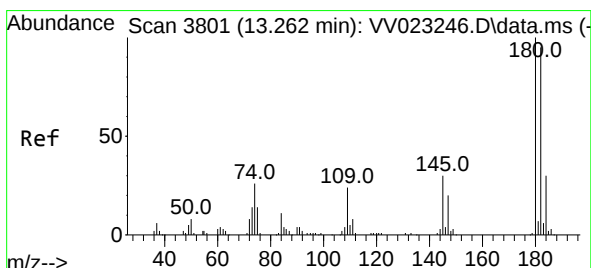
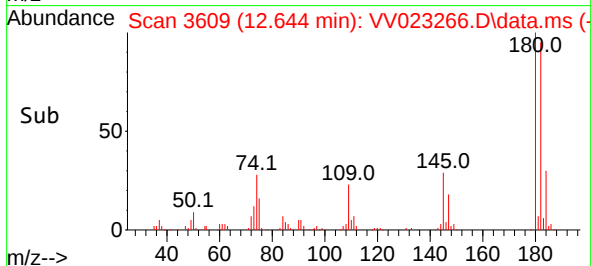
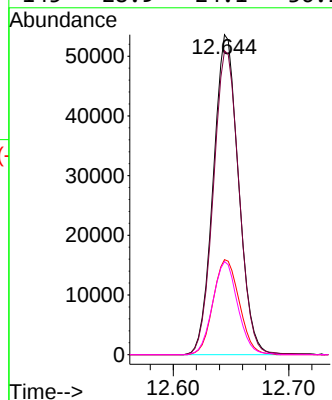
Ion Ratio Lower Upper

180 100

182 96.5 77.1 115.7

184 30.7 24.9 37.3

145 28.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.729 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023266.D

Acq: 06 Nov 2021 04:50

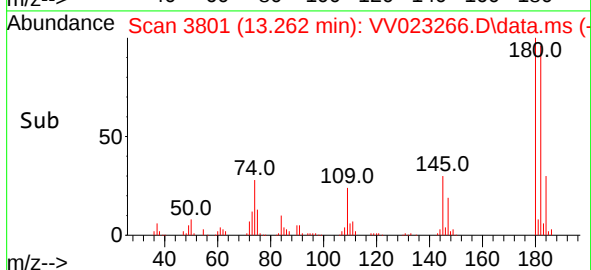
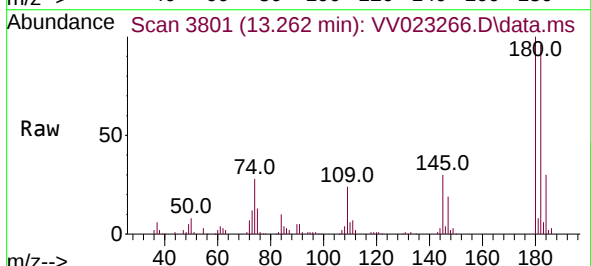
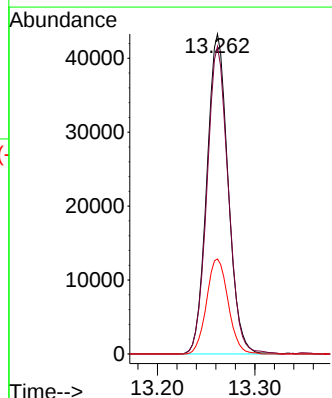
Tgt Ion:180 Resp: 65445

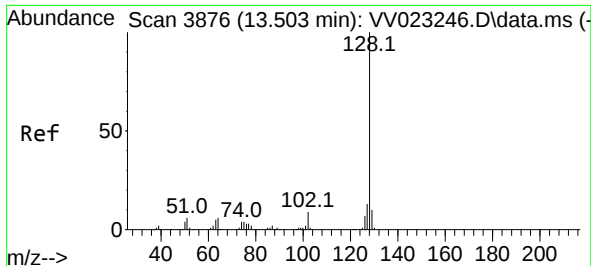
Ion Ratio Lower Upper

180 100

182 96.4 77.4 116.2

145 30.2 24.1 36.1

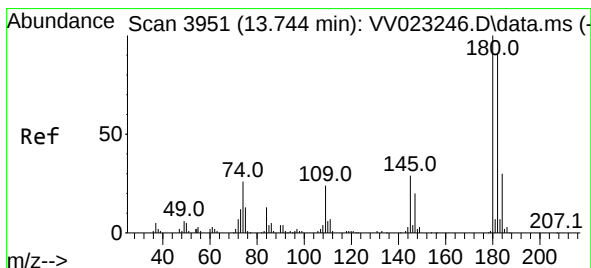
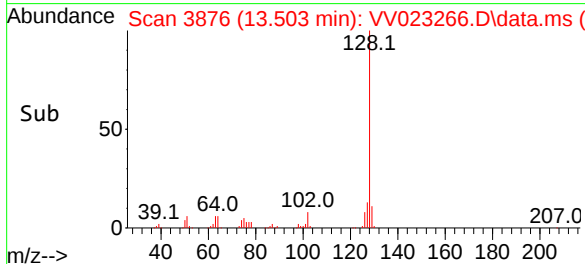
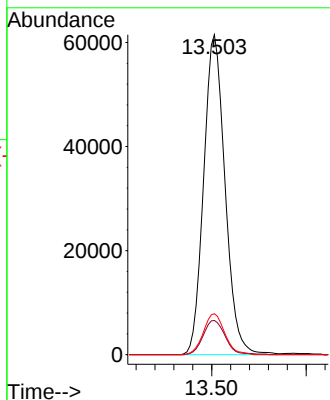
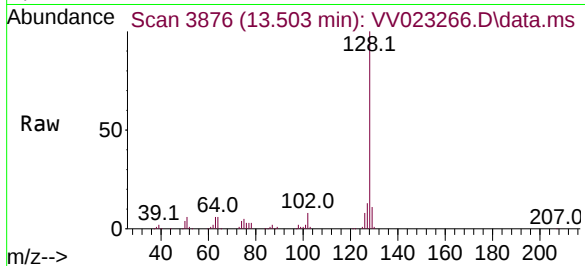




#71
Naphthalene
Concen: 4.733 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 96597
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.916 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023266.D
Acq: 06 Nov 2021 04:50

Tgt Ion:180 Resp: 59527
Ion Ratio Lower Upper
180 100
182 94.2 77.1 115.7
145 31.7 25.4 38.0

