

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022960.D
 Acq On : 21 Oct 2021 16:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:49:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148485	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43426	4.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.565	69	34101	3.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.108	63	71019	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.889	46	84972	31.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.440%
24) Chloroform-d	4.346	84	94033	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.031	65	42298	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.047	84	192404	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	56432	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.314	98	181679	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.622	79	19064	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	80159	46.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40450	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	67165	4.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46362	4.284	ug/L	99
3) Chloromethane	1.240	50	50592	4.651	ug/L	99
5) Vinyl chloride	1.311	62	51862	4.615	ug/L	100
6) Bromomethane	1.520	94	24884	3.552	ug/L	97
8) Chloroethane	1.584	64	25572	3.678	ug/L	98
9) Trichlorofluoromethane	1.751	101	66460	4.037	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38608	4.032	ug/L	98
12) 1,1-Dichloroethene	2.118	96	33743	3.762	ug/L	87
13) Acetone	2.436	43	10405	6.966	ug/L	80
14) Carbon disulfide	2.291	76	124685	4.946	ug/L	100
15) Methyl Acetate	2.436	43	14639	3.425	ug/L	97
16) Methylene chloride	2.503	84	56354	4.565	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	86219	3.973	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	47201	4.839	ug/L	97
19) 1,1-Dichloroethane	3.188	63	84316	4.799	ug/L	98
21) 2-Butanone	3.973	43	77228	31.577	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	47489	4.637	ug/L	99
23) Bromochloromethane	4.243	128	21527	4.731	ug/L	98
25) Chloroform	4.372	83	93950	4.613	ug/L	96

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 ClientSampleId :

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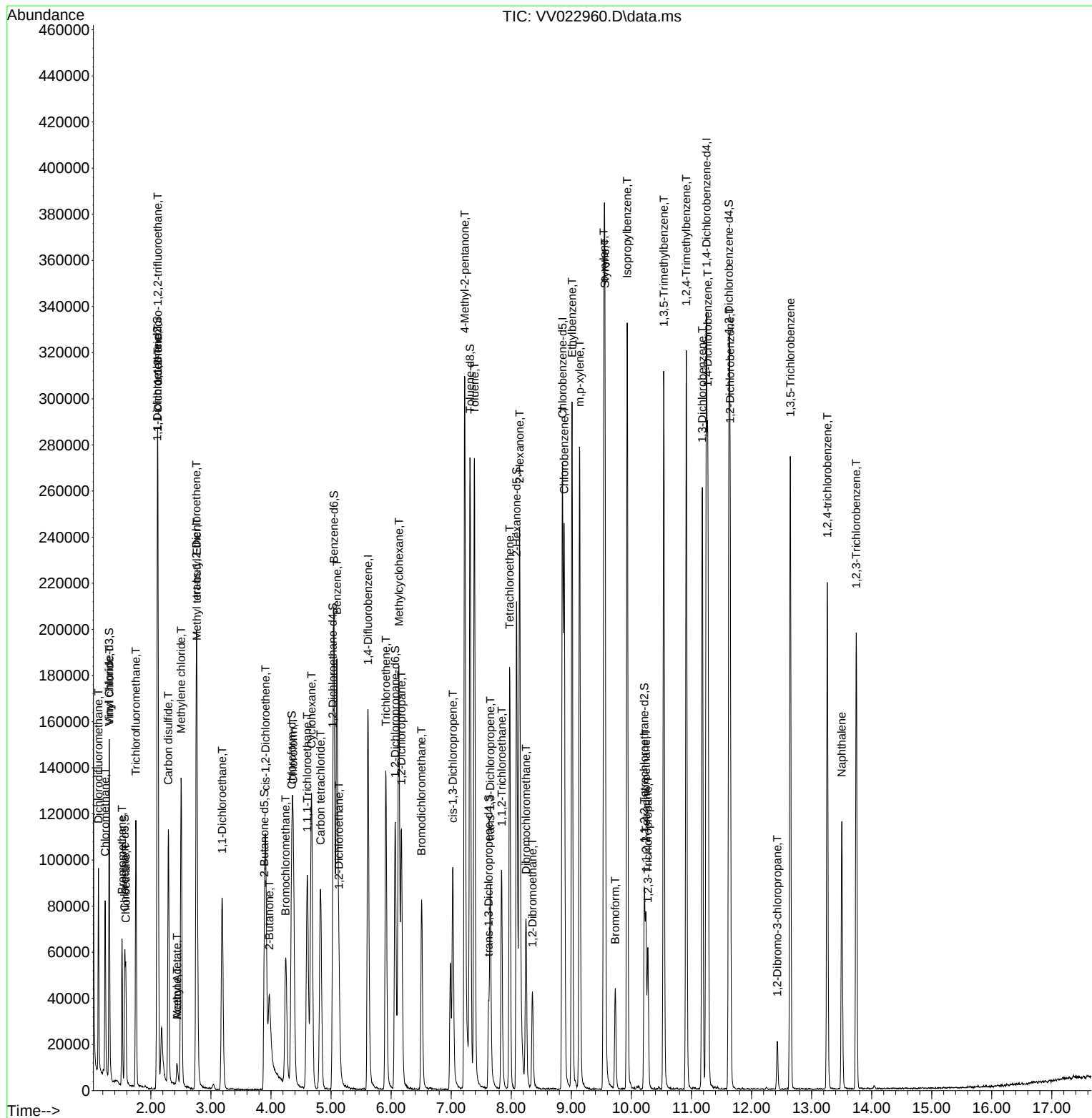
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43177	4.248	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	77997	4.680	ug/L	99
30) Cyclohexane	4.674	56	65534	4.262	ug/L	99
31) Carbon tetrachloride	4.825	117	66582	4.603	ug/L	99
33) Benzene	5.098	78	187224	4.763	ug/L	100
34) Trichloroethene	5.912	95	47601	4.454	ug/L	97
35) Methylcyclohexane	6.130	83	74366	4.966	ug/L	93
37) 1,2-Dichloropropane	6.172	63	44661	4.724	ug/L	98
38) Bromodichloromethane	6.506	83	55745	4.786	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	60489	4.834	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	224331	44.165	ug/L	97
42) Toluene	7.387	91	202493	5.075	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51248	5.023	ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	31648	4.512	ug/L	98
47) Tetrachloroethene	7.976	164	41255	4.773	ug/L	98
48) 2-Hexanone	8.140	43	163769	44.097	ug/L	97
49) Dibromochloromethane	8.246	129	38253	4.658	ug/L	93
50) 1,2-Dibromoethane	8.352	107	29033	4.432	ug/L	98
51) Chlorobenzene	8.883	112	130664	4.984	ug/L	98
52) Ethylbenzene	9.011	91	204954	5.059	ug/L	99
53) m,p-xylene	9.140	106	81256	5.111	ug/L	98
54) o-xylene	9.542	106	77326	5.170	ug/L	98
55) Styrene	9.561	104	138113	5.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34752	4.897	ug/L	97
59) Bromoform	9.731	173	20543	4.384	ug/L	97
60) Isopropylbenzene	9.931	105	208397	4.905	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23991	4.128	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	166190	4.841	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	171447	4.991	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	109554	4.913	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	109795	4.849	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	98682	4.718	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4916	4.647	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.648	180	86370	5.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	68070	5.305	ug/L	98
71) Naphthalene	13.503	128	93381	4.578	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	58993	4.876	ug/L	97

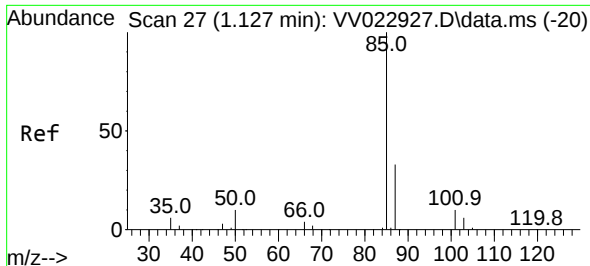
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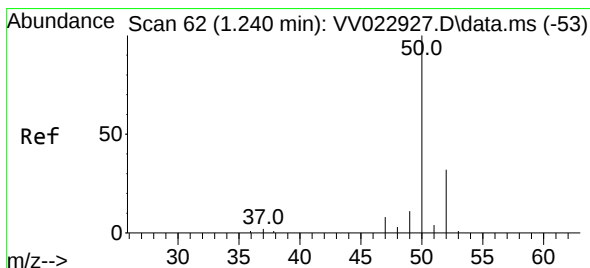
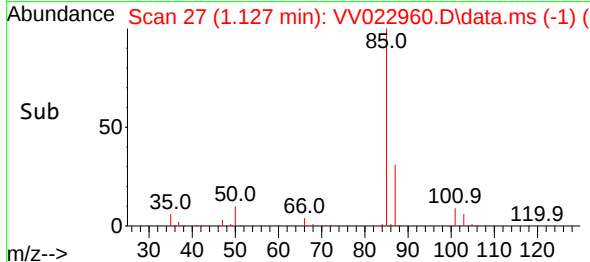
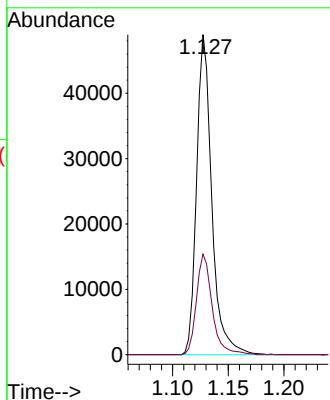
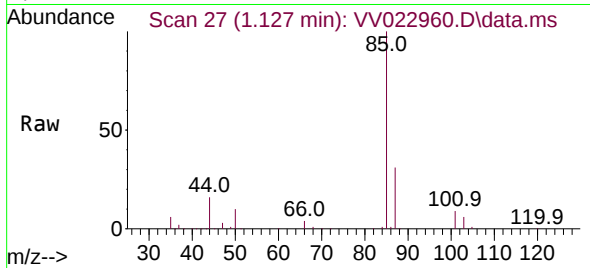




#2
 Dichlorodifluoromethane
 Concen: 4.284 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

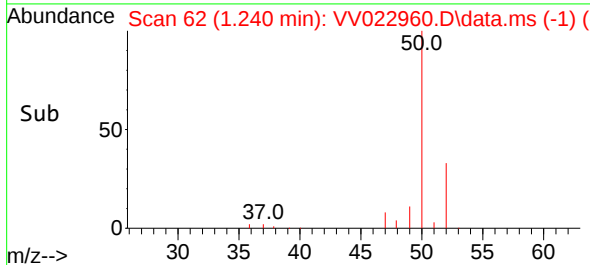
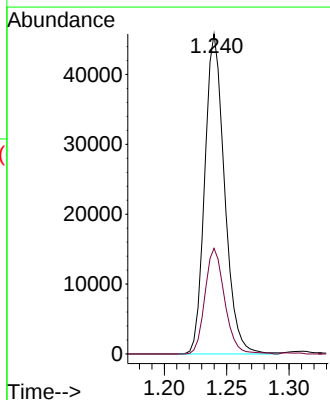
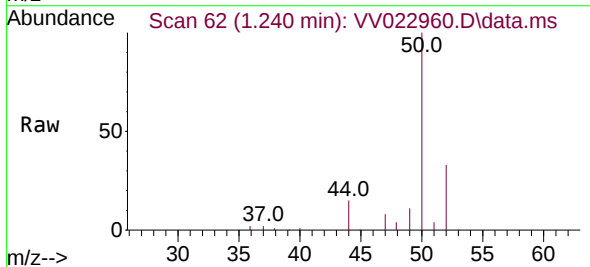
Instrument :
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 ClientSampleId :

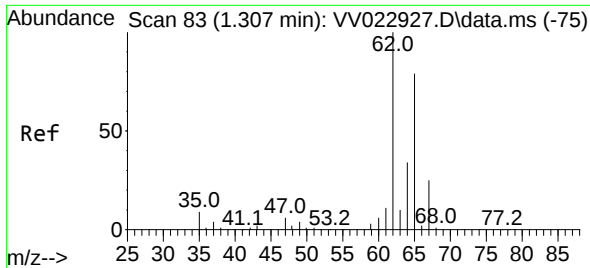
Tgt Ion: 85 Resp: 46362
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 4.651 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Tgt Ion: 50 Resp: 50592
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

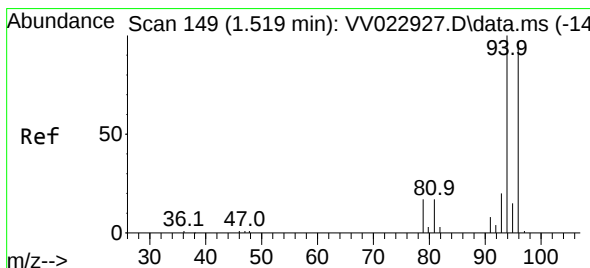
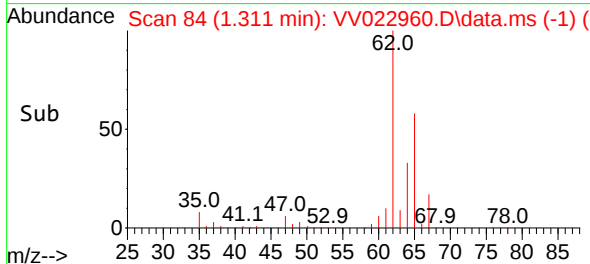
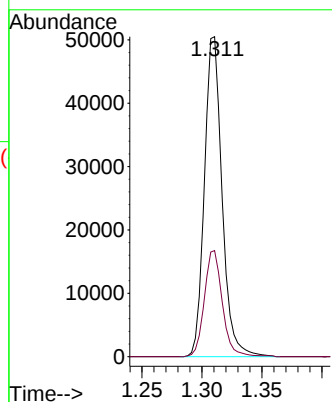
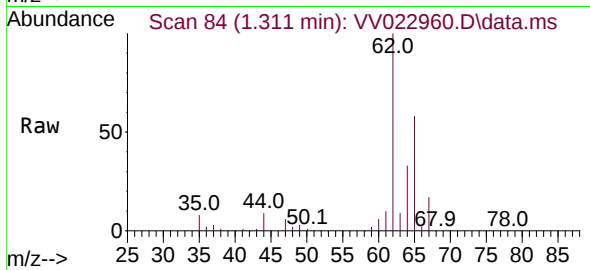




#5
 Vinyl chloride
 Concen: 4.615 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

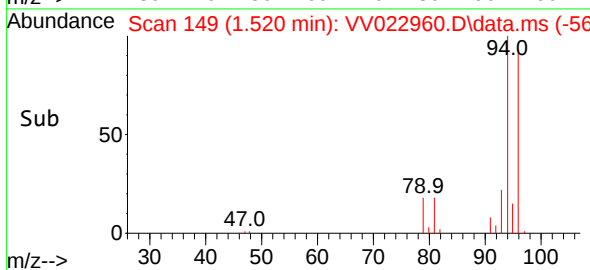
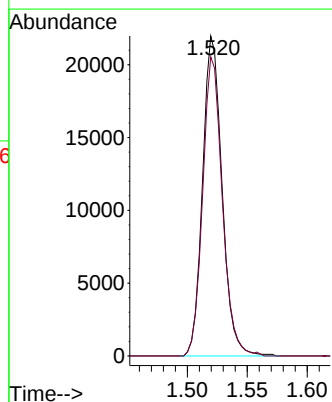
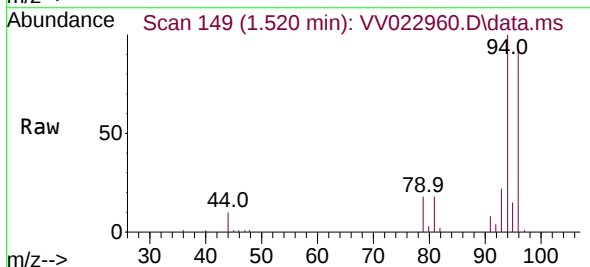
Instrument :
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 ClientSampleId :

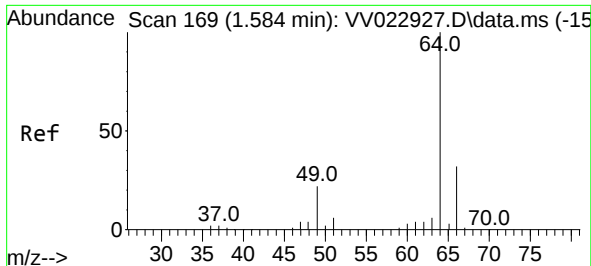
Tgt Ion: 62 Resp: 51862
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8



#6
 Bromomethane
 Concen: 3.552 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Tgt Ion: 94 Resp: 24884
 Ion Ratio Lower Upper
 94 100
 96 93.4 67.2 124.8

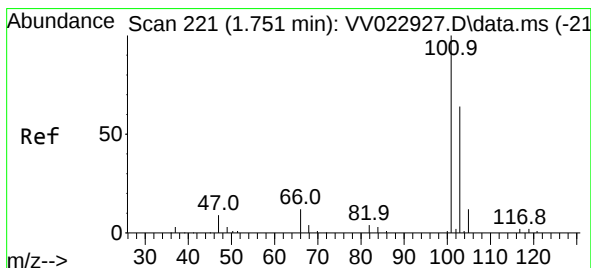
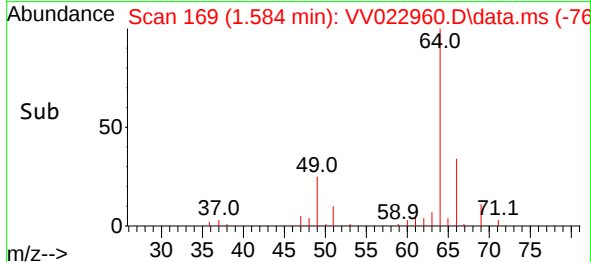
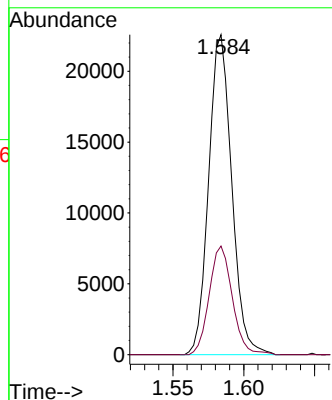
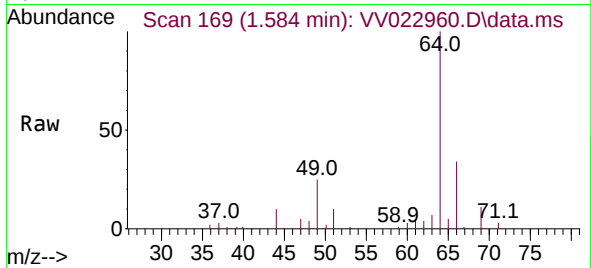




#8
Chloroethane
Concen: 3.678 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

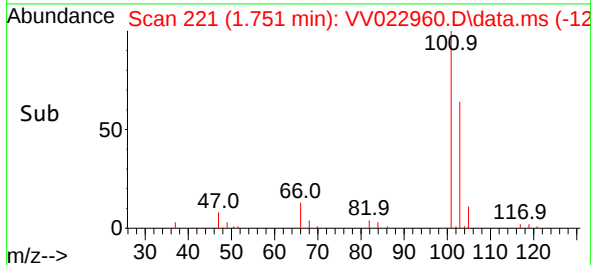
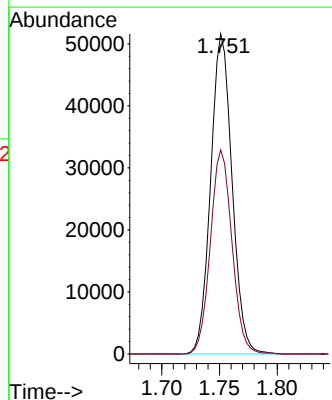
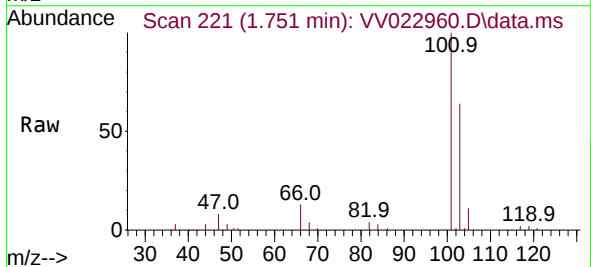
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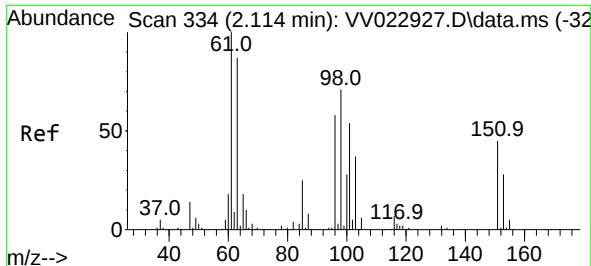
Tgt Ion: 64 Resp: 25572
Ion Ratio Lower Upper
64 100
66 34.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.037 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:101 Resp: 66460
Ion Ratio Lower Upper
101 100
103 64.3 50.3 75.5

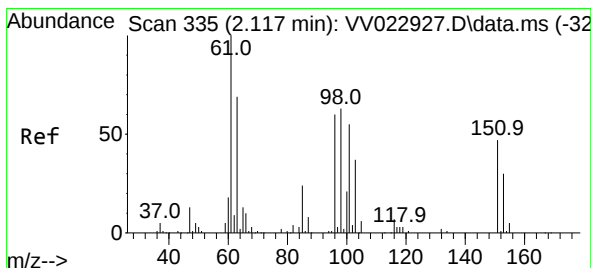
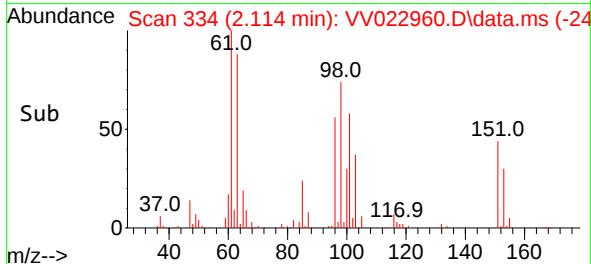
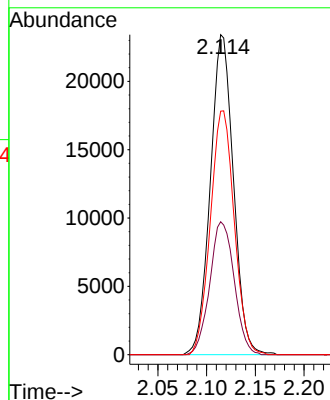
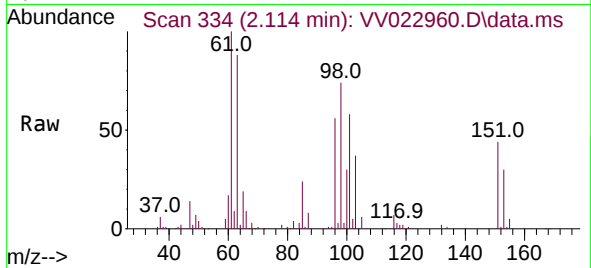




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.032 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

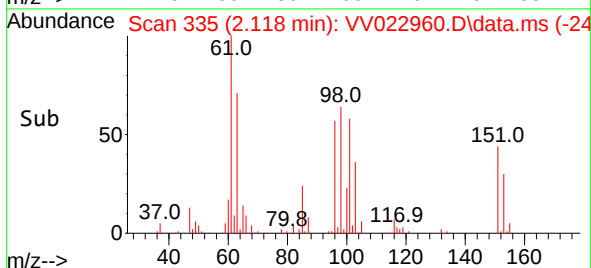
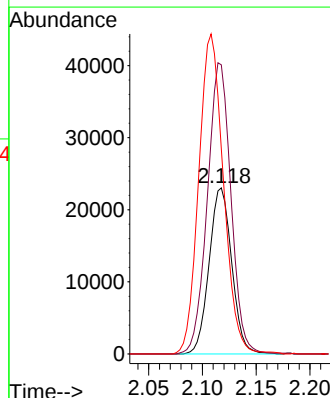
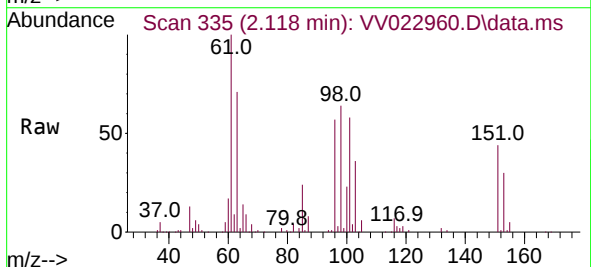
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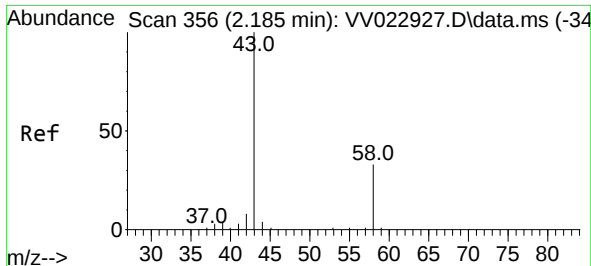
Tgt Ion:101 Resp: 38608
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.6 52.0
 151 78.9 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 3.762 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Tgt Ion: 96 Resp: 33743
 Ion Ratio Lower Upper
 96 100
 61 174.1 127.3 236.5
 63 123.5 106.2 197.2





#13

Acetone

Concen: 6.966 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.251 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

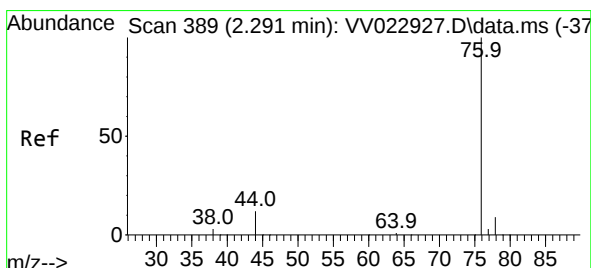
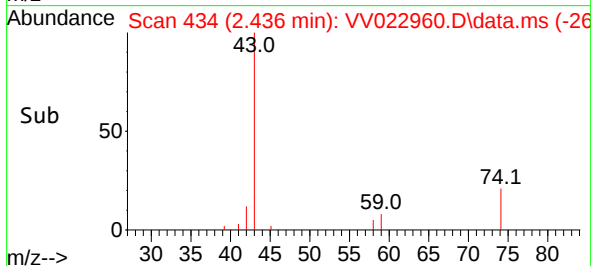
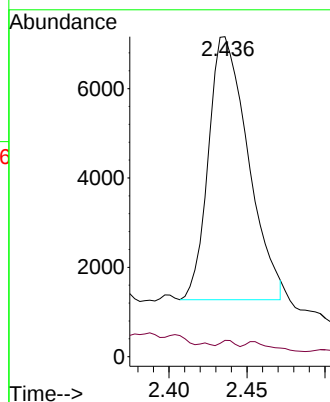
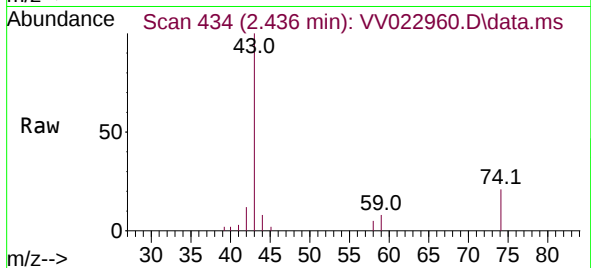
ClientSampleId :

Tgt Ion: 43 Resp: 10405

Ion Ratio Lower Upper

43 100

58 4.4 0.0 24.2



#14

Carbon disulfide

Concen: 4.946 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV022960.D

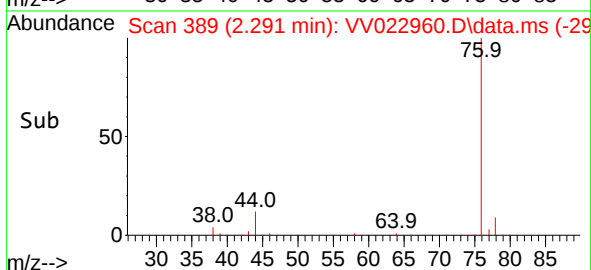
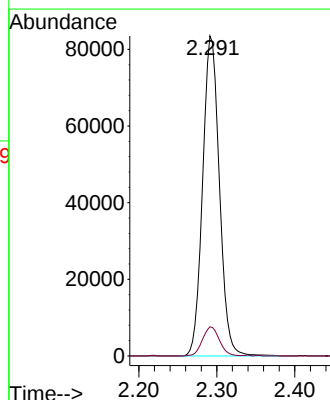
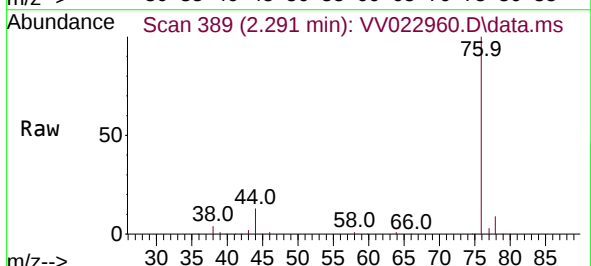
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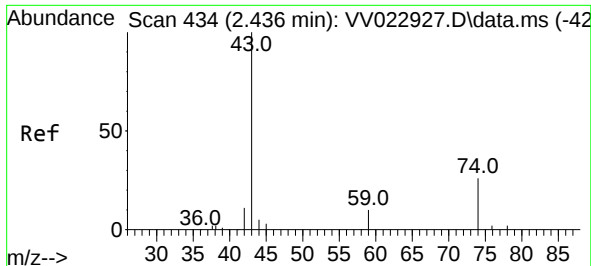
Tgt Ion: 76 Resp: 124685

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

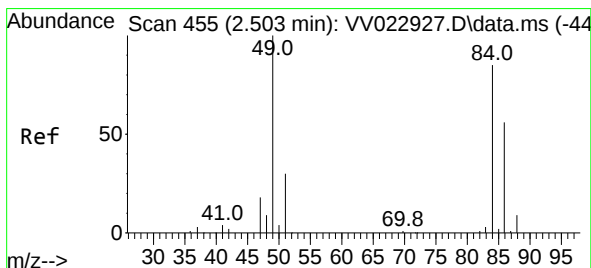
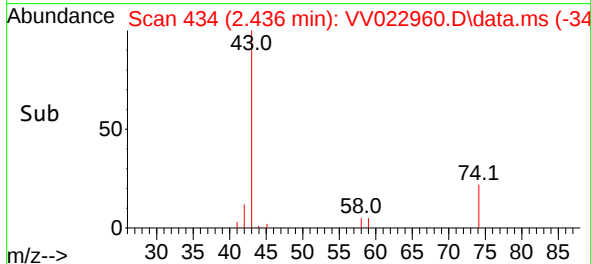
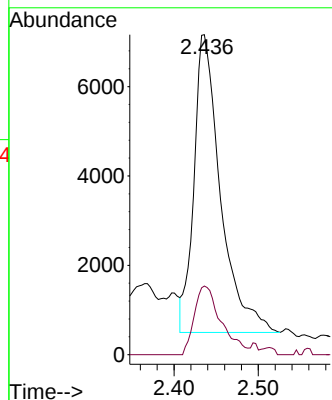
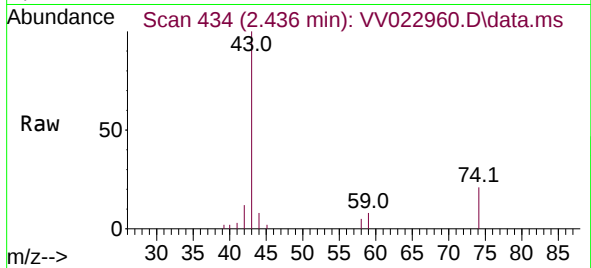




#15
Methyl Acetate
Concen: 3.425 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

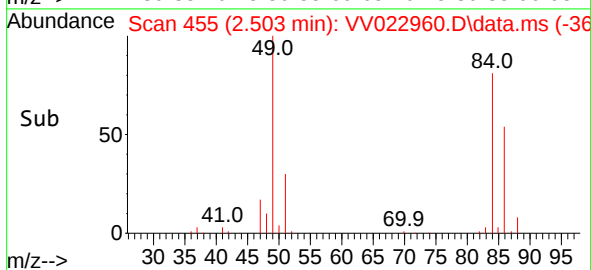
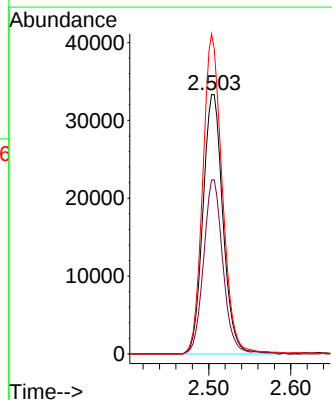
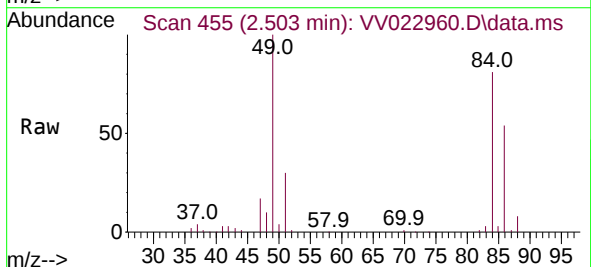
Instrument :
MSVOA_V
ClientSampleId :

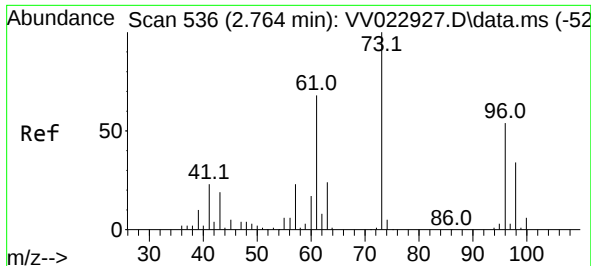
Tgt Ion: 43 Resp: 14639
Ion Ratio Lower Upper
43 100
74 23.3 19.9 29.9



#16
Methylene chloride
Concen: 4.565 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

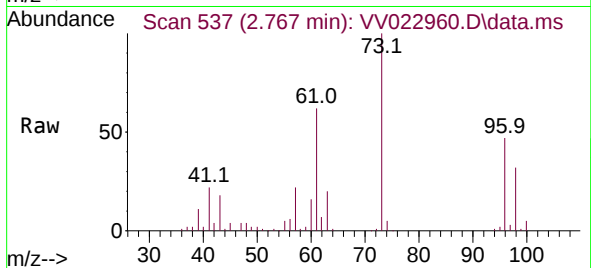
Tgt Ion: 84 Resp: 56354
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.2
49 123.4 90.3 167.7



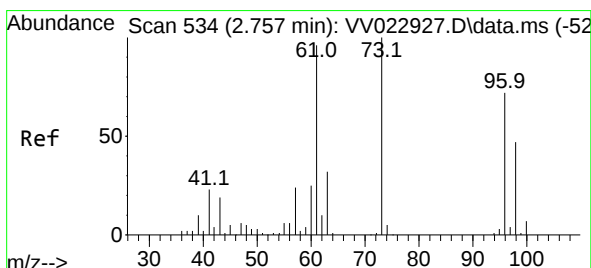
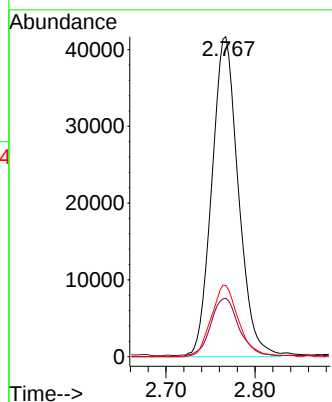
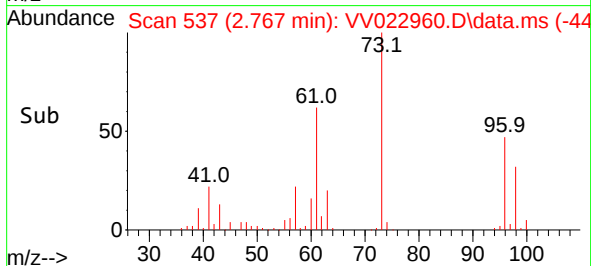


#17
Methyl tert-butyl Ether
Concen: 3.973 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Instrument :
MSVOA_V
ClientSampleId :

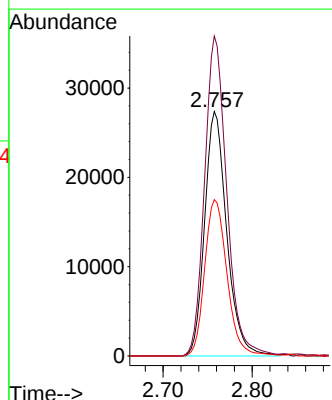
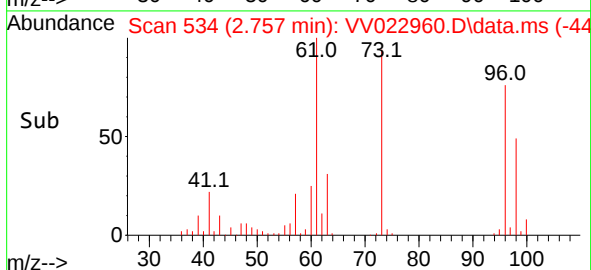
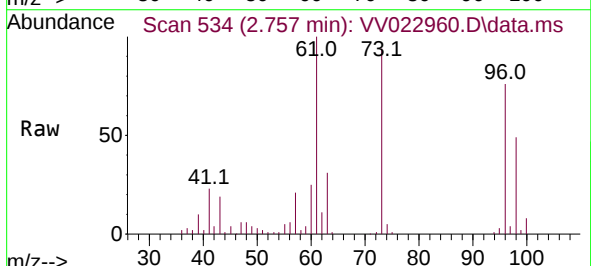


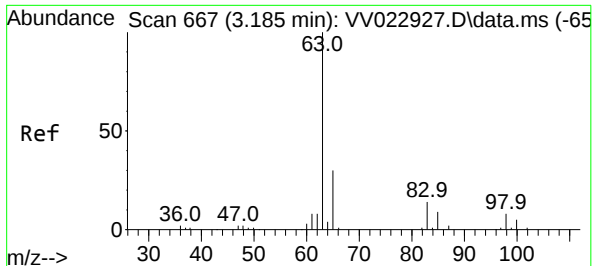
Tgt Ion: 73 Resp: 86219
Ion Ratio Lower Upper
73 100
43 18.7 17.1 25.7
57 23.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.839 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion: 96 Resp: 47201
Ion Ratio Lower Upper
96 100
61 130.9 94.5 175.5
98 63.9 44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.799 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

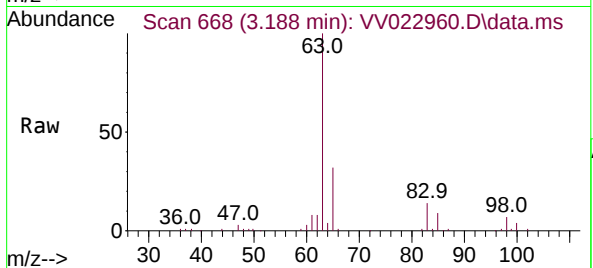
Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

ClientSampleId :



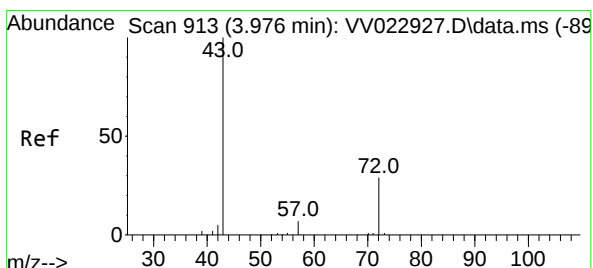
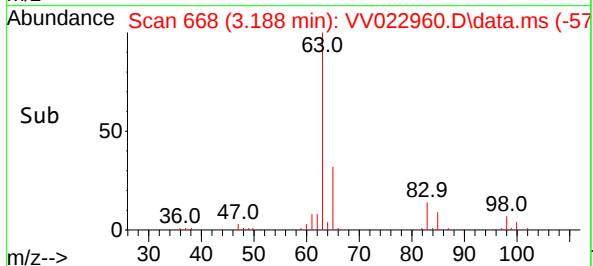
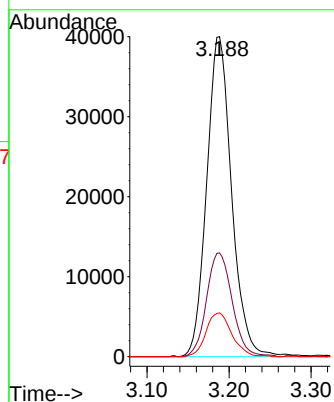
Tgt Ion: 63 Resp: 84316

Ion Ratio Lower Upper

63 100

65 32.4 23.5 43.7

83 13.7 10.1 18.7



#21

2-Butanone

Concen: 31.577 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV022960.D

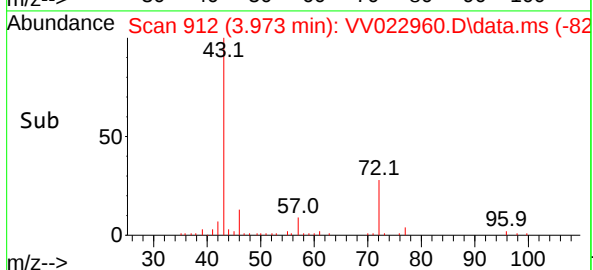
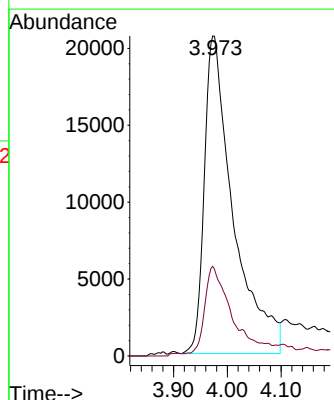
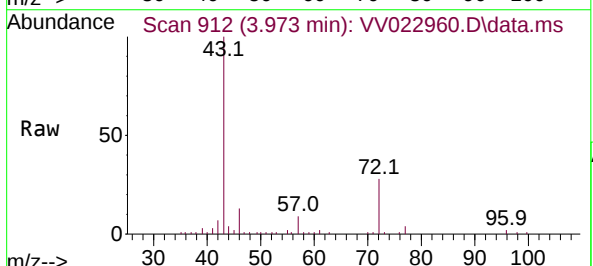
Acq: 21 Oct 2021 16:01

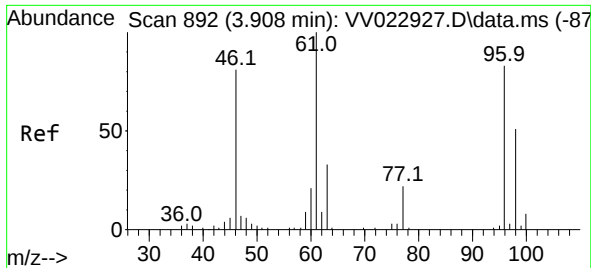
Tgt Ion: 43 Resp: 77228

Ion Ratio Lower Upper

43 100

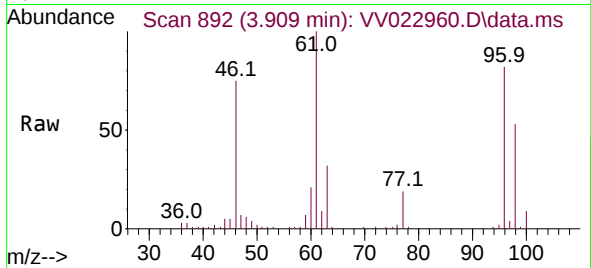
72 25.8 12.3 36.8





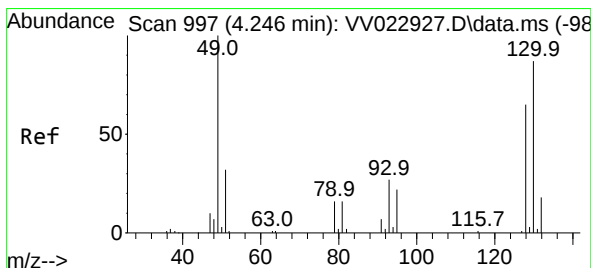
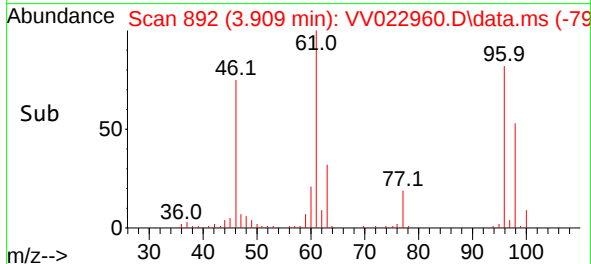
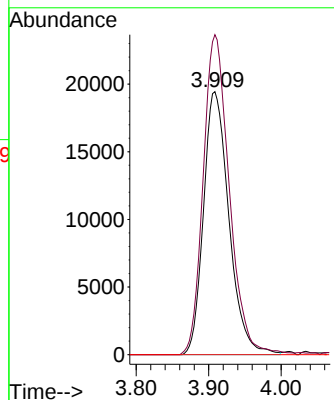
#22
 cis-1,2-Dichloroethene
 Concen: 4.637 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 47489

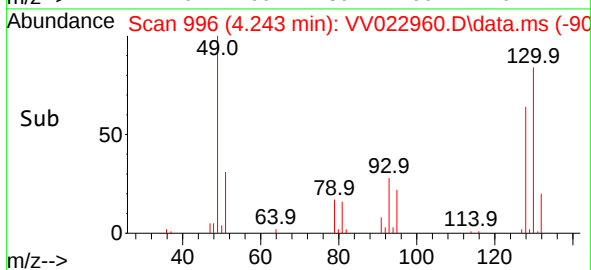
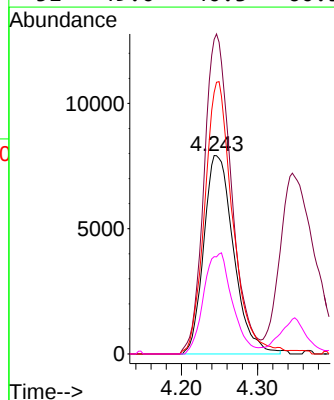
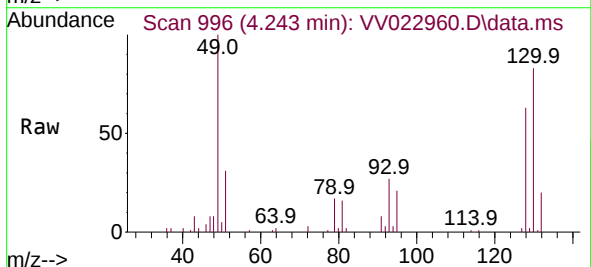
Ion	Ratio	Lower	Upper
96	100		
61	121.7	86.0	159.6
68	0.0	0.0	0.0

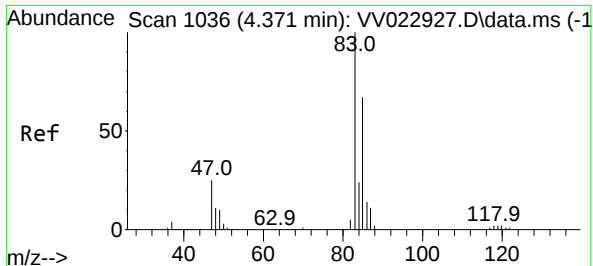


#23
 Bromochloromethane
 Concen: 4.731 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Tgt Ion: 128 Resp: 21527

Ion	Ratio	Lower	Upper
128	100		
49	158.4	106.9	198.5
130	131.8	91.9	170.7
51	49.0	40.3	60.5





#25

Chloroform

Concen: 4.613 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

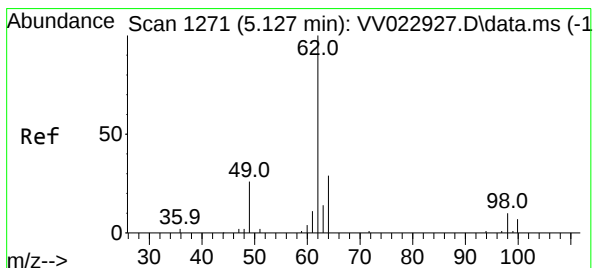
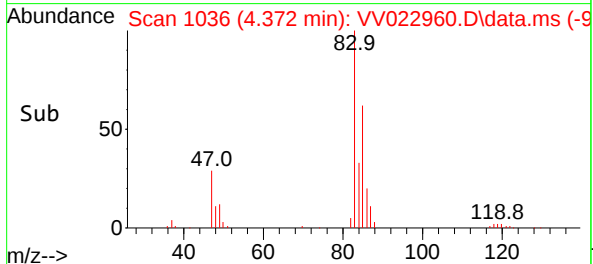
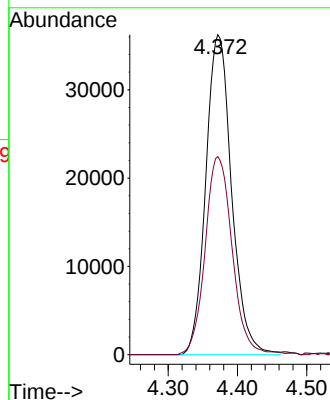
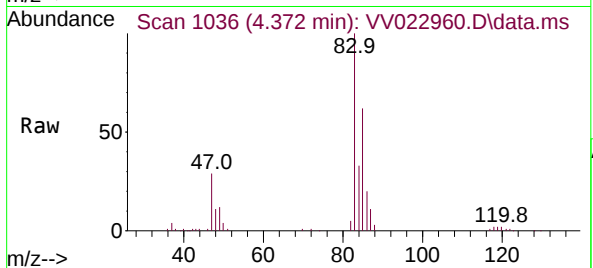
ClientSampleId :

Tgt Ion: 83 Resp: 93950

Ion Ratio Lower Upper

83 100

85 61.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.248 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV022960.D

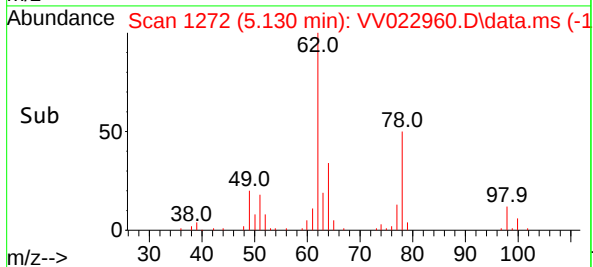
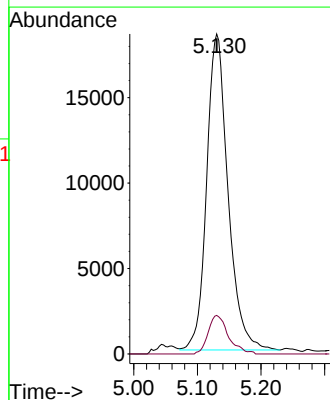
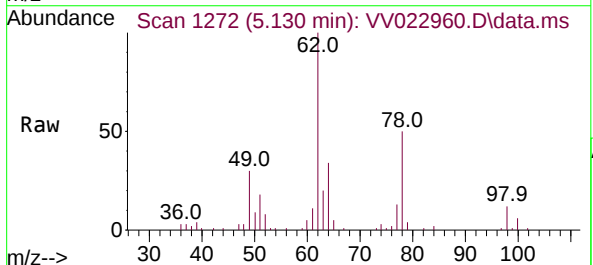
Acq: 21 Oct 2021 16:01

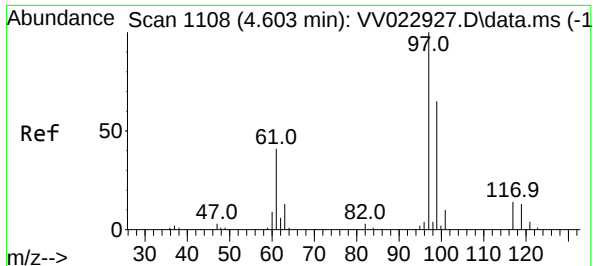
Tgt Ion: 62 Resp: 43177

Ion Ratio Lower Upper

62 100

98 12.0 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 4.680 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

ClientSampleId :

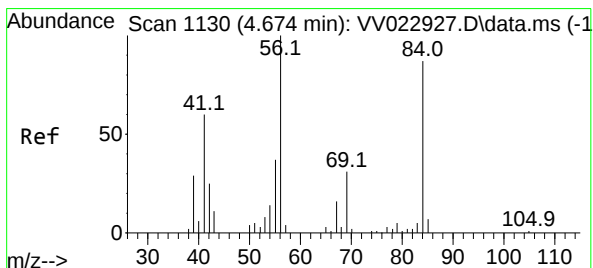
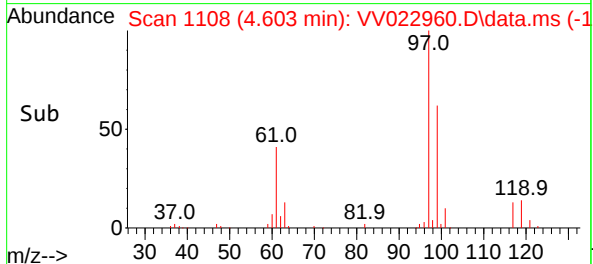
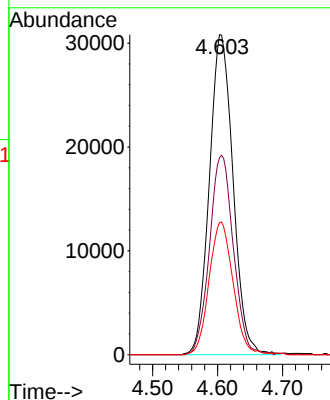
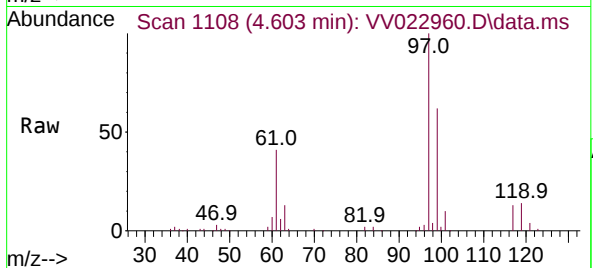
Tgt Ion: 97 Resp: 77997

Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 4.262 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

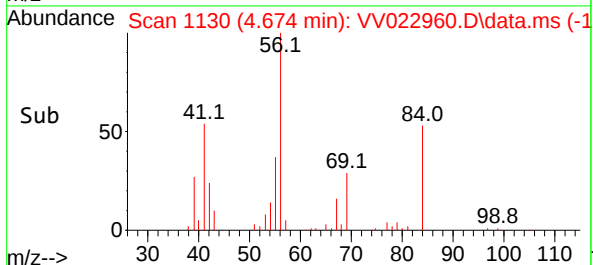
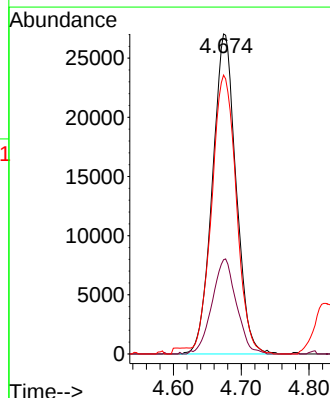
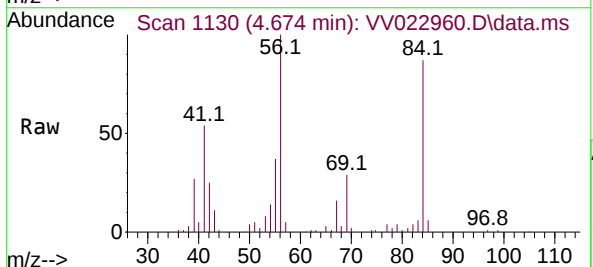
Tgt Ion: 56 Resp: 65534

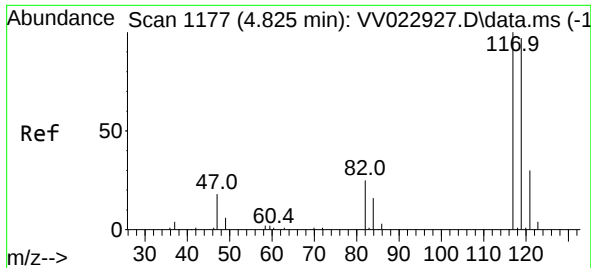
Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

84 90.9 72.5 108.7

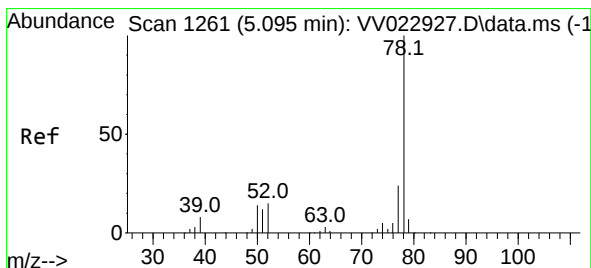
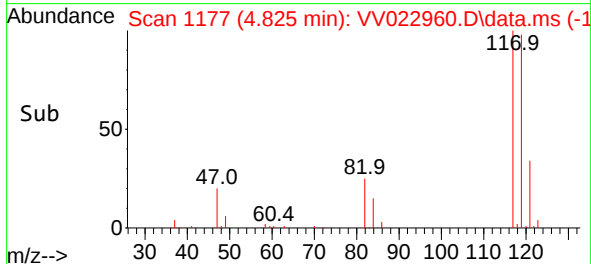
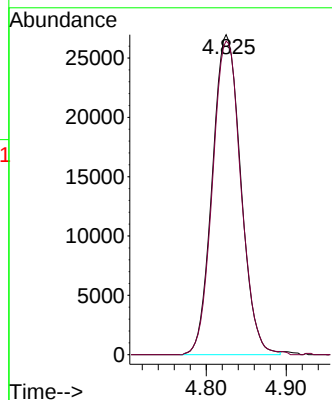
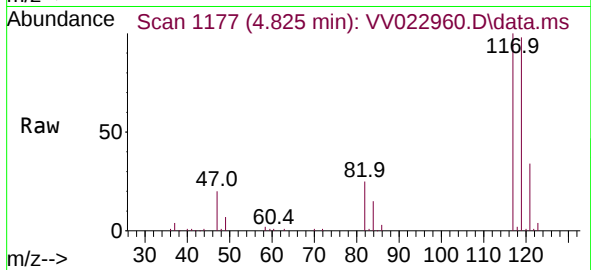




#31
Carbon tetrachloride
Concen: 4.603 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

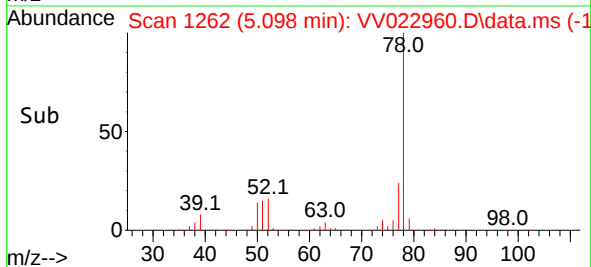
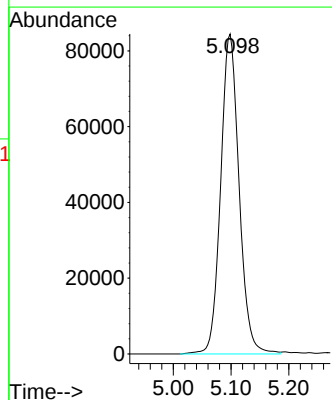
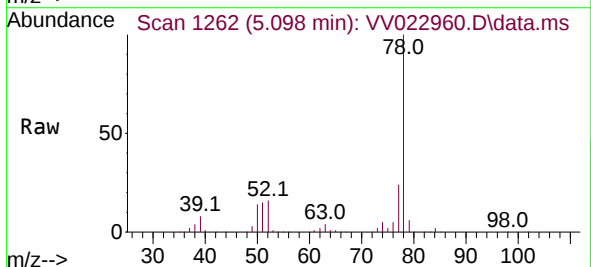
Instrument :
MSVOA_V
ClientSampleId :

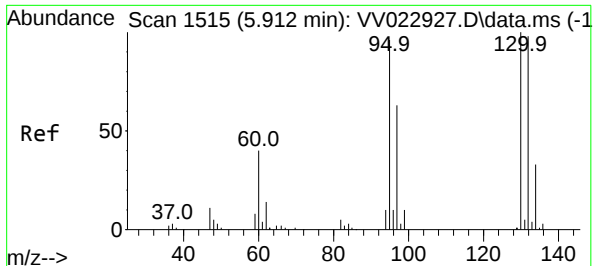
Tgt Ion:117 Resp: 66582
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.0



#33
Benzene
Concen: 4.763 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

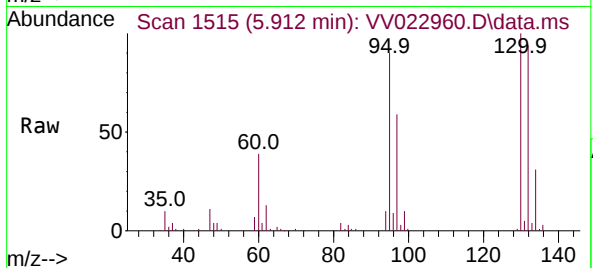
Tgt Ion: 78 Resp: 187224





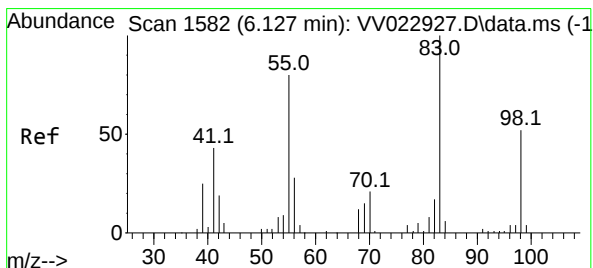
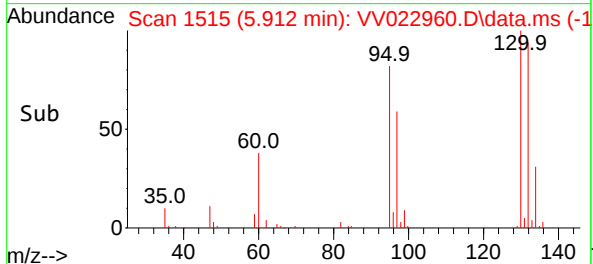
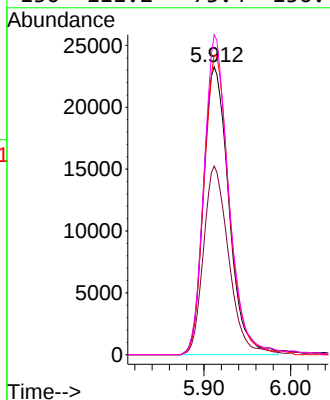
#34
 Trichloroethene
 Concen: 4.454 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 47601

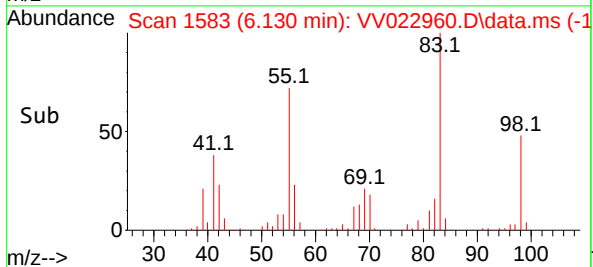
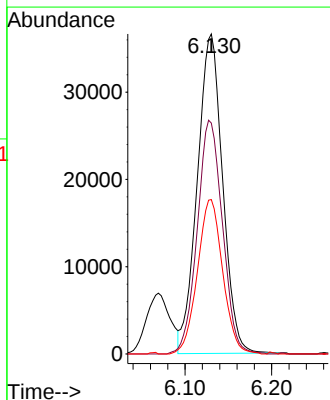
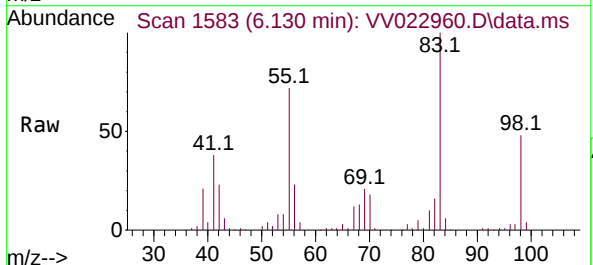
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.8	85.2
132	104.1	72.2	134.0
130	111.2	73.4	136.4

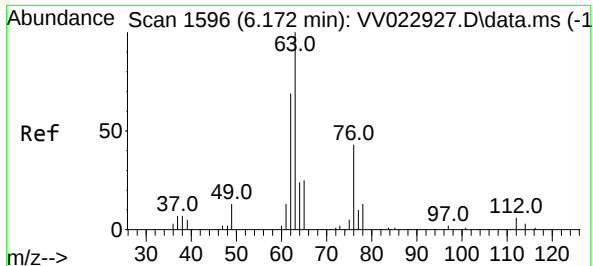


#35
 Methylcyclohexane
 Concen: 4.966 ug/L
 RT: 6.130 min Scan# 1583
 Delta R.T. 0.003 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

Tgt Ion: 83 Resp: 74366

Ion	Ratio	Lower	Upper
83	100		
55	72.9	63.8	95.6
98	48.2	42.1	63.1





#37

1,2-Dichloropropane

Concen: 4.724 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

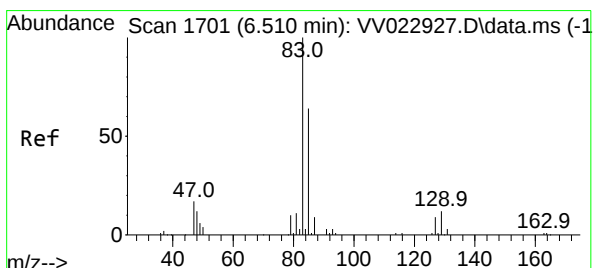
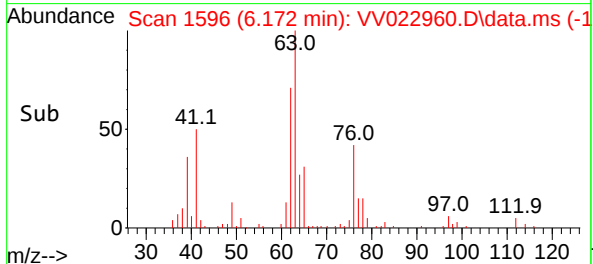
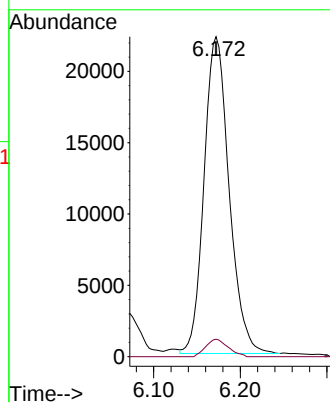
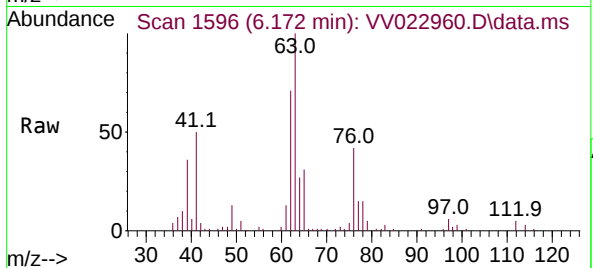
ClientSampleId :

Tgt Ion: 63 Resp: 44661

Ion Ratio Lower Upper

63 100

112 4.9 4.4 6.6



#38

Bromodichloromethane

Concen: 4.786 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

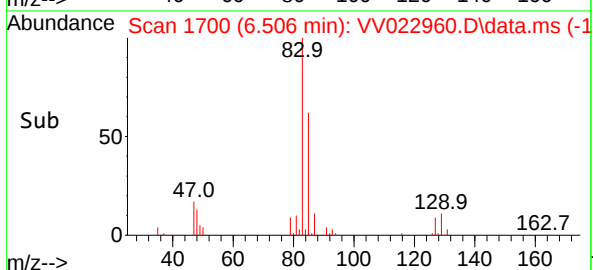
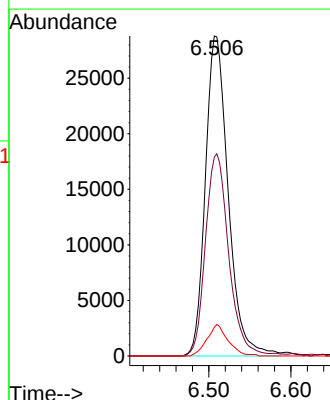
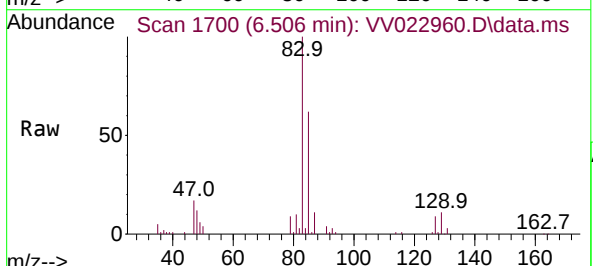
Tgt Ion: 83 Resp: 55745

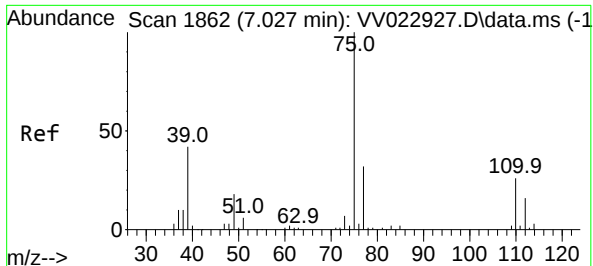
Ion Ratio Lower Upper

83 100

85 62.1 44.3 82.3

127 9.0 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 4.834 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

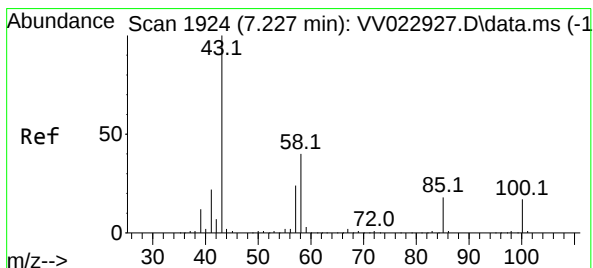
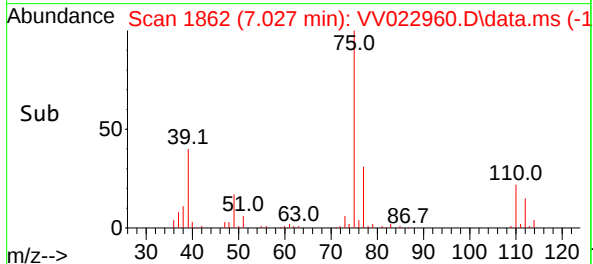
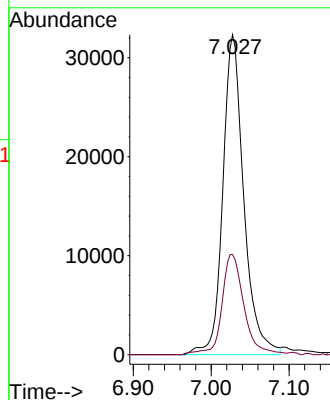
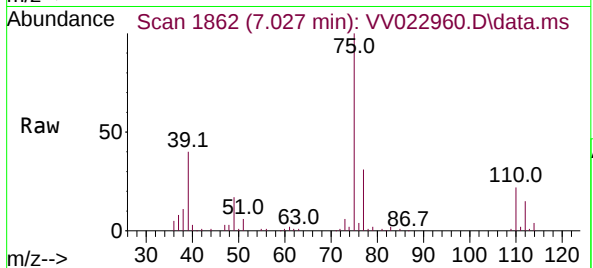
ClientSampleId :

Tgt Ion: 75 Resp: 60489

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 44.165 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

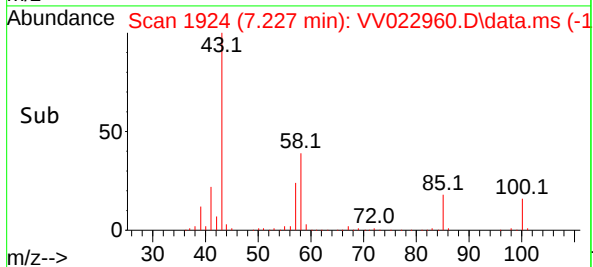
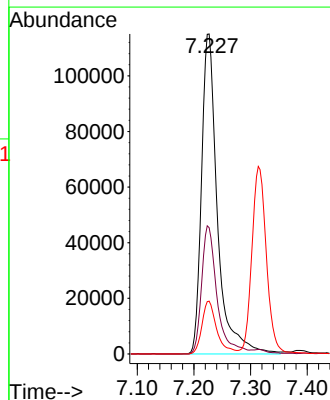
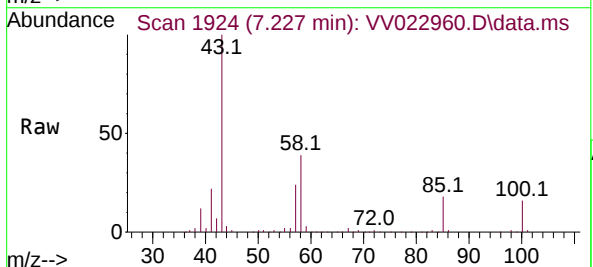
Tgt Ion: 43 Resp: 224331

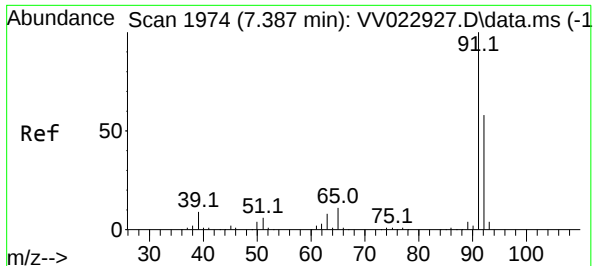
Ion Ratio Lower Upper

43 100

58 38.9 32.0 48.0

100 15.5 14.2 21.2

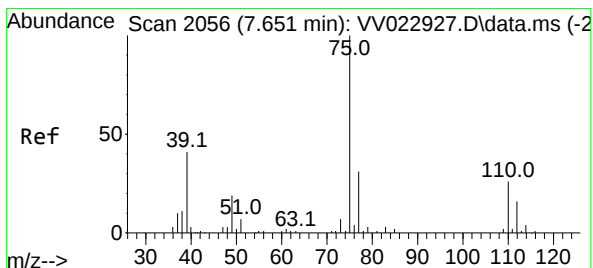
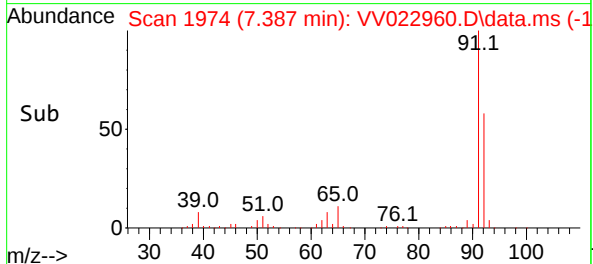
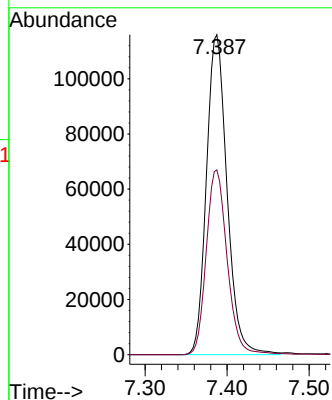
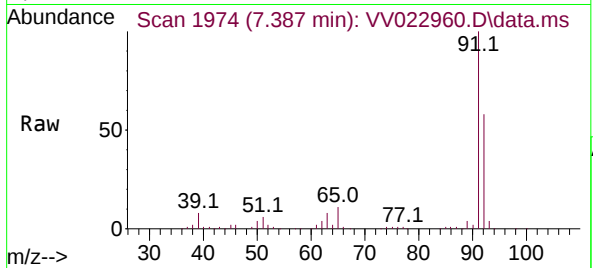




#42
Toluene
Concen: 5.075 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

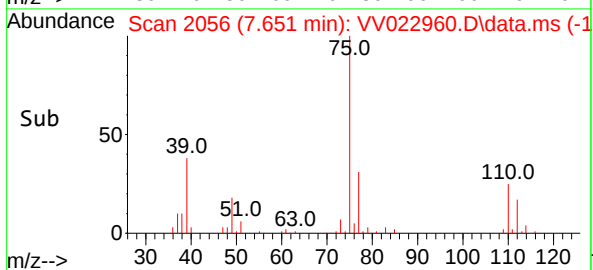
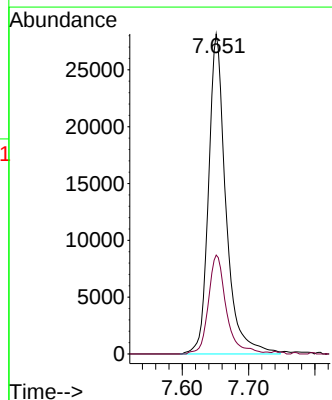
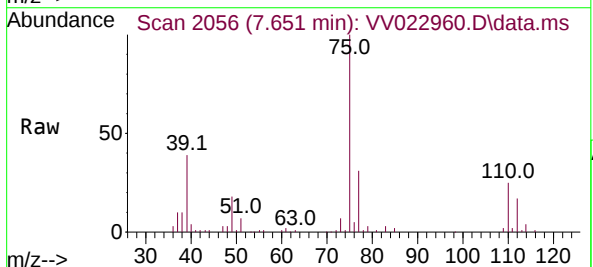
Instrument :
MSVOA_V
ClientSampleId :

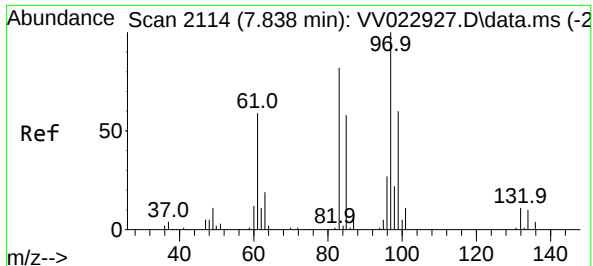
Tgt Ion: 91 Resp: 202493
Ion Ratio Lower Upper
91 100
92 57.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.023 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion: 75 Resp: 51248
Ion Ratio Lower Upper
75 100
77 30.9 23.9 44.5

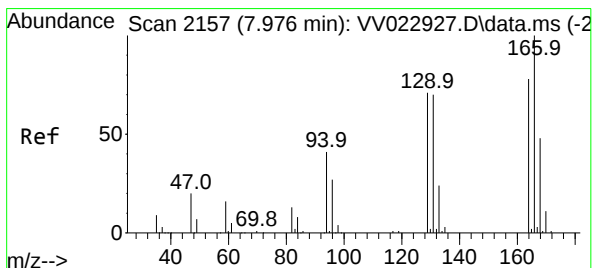
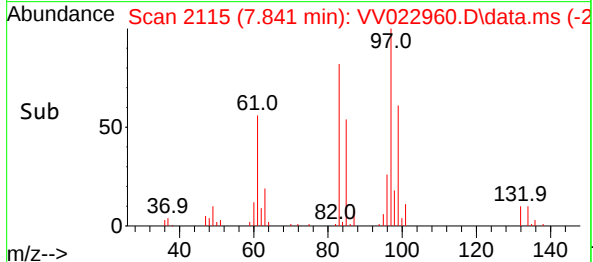
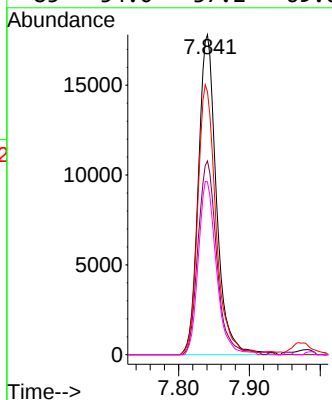
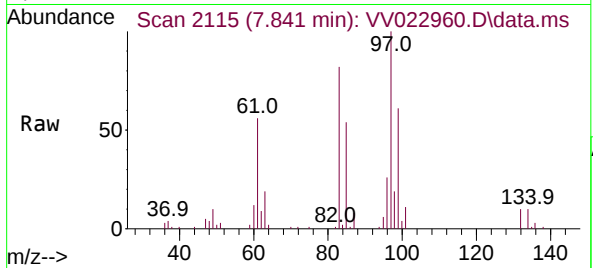




#45
1,1,2-Trichloroethane
Concen: 4.512 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

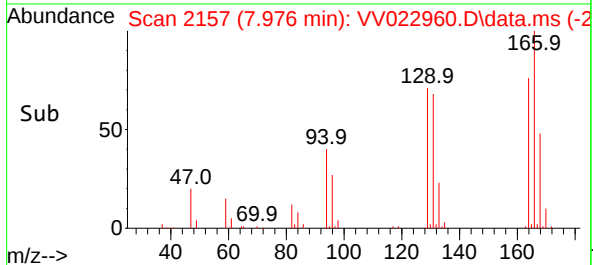
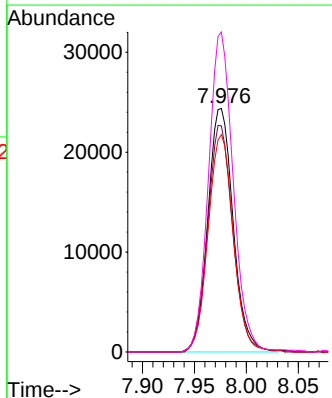
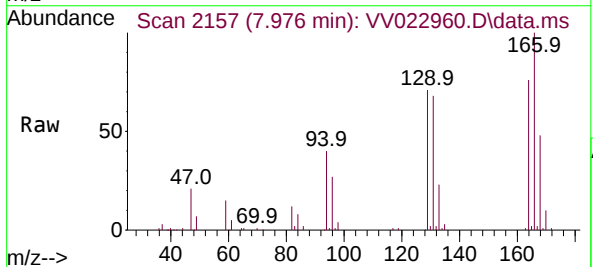
Instrument :
MSVOA_V
ClientSampleId :

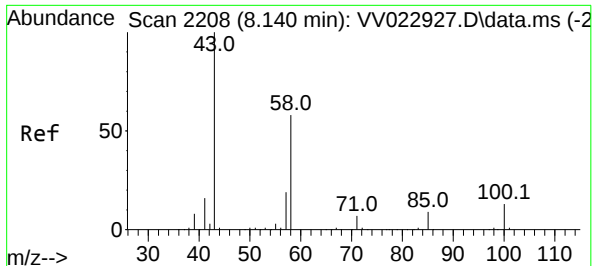
Tgt Ion:	97	Resp:	31648
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.5	82.7
83	82.2	56.6	105.0
85	54.0	37.2	69.0



#47
Tetrachloroethene
Concen: 4.773 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:	164	Resp:	41255
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.0	120.6
131	89.2	62.2	115.4
166	131.4	89.2	165.8

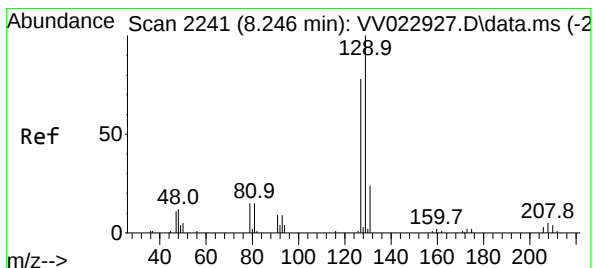
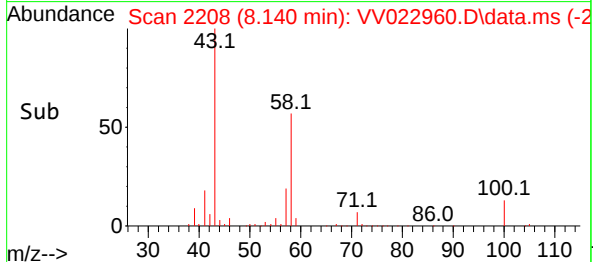
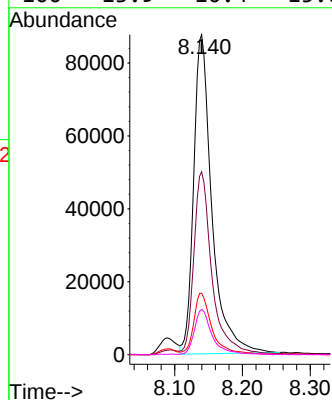
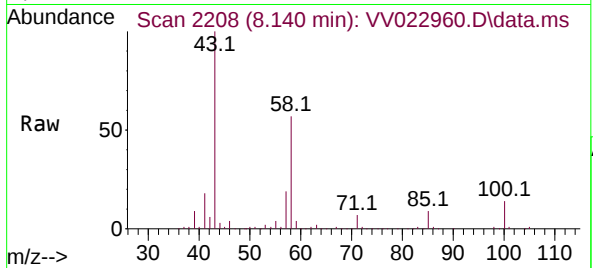




#48
2-Hexanone
Concen: 44.097 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

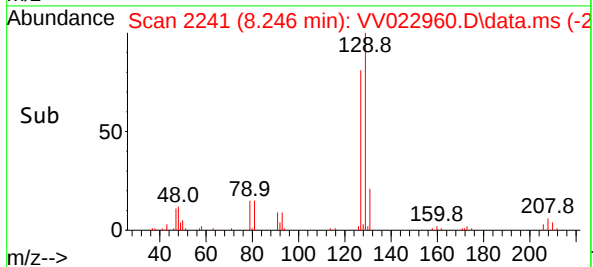
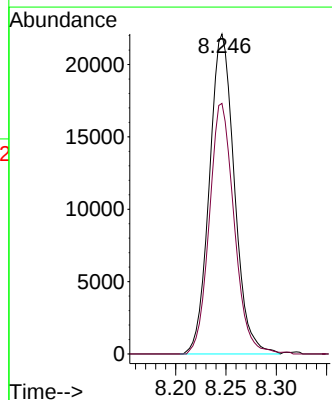
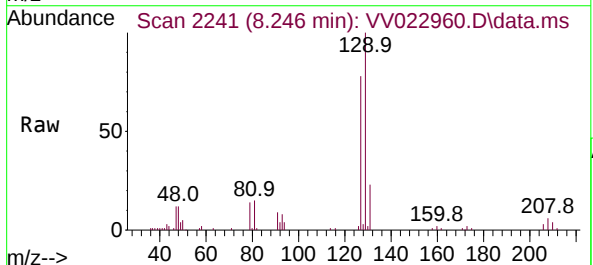
Instrument :
MSVOA_V
ClientSampleId :

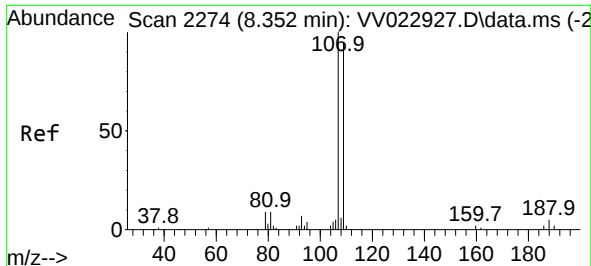
Tgt Ion: 43 Resp: 163769
Ion Ratio Lower Upper
43 100
58 56.6 47.4 71.0
57 18.9 15.3 22.9
100 13.9 10.4 15.6



#49
Dibromochloromethane
Concen: 4.658 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:129 Resp: 38253
Ion Ratio Lower Upper
129 100
127 78.3 59.1 109.9





#50

1,2-Dibromoethane

Concen: 4.432 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV022960.D

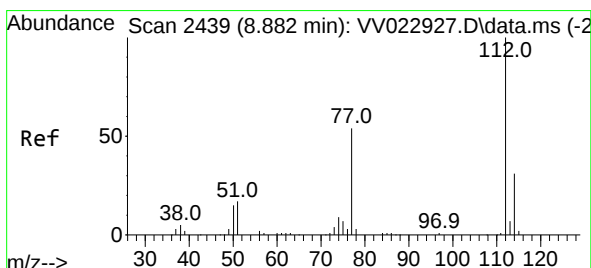
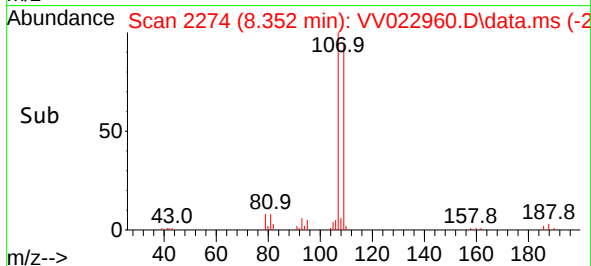
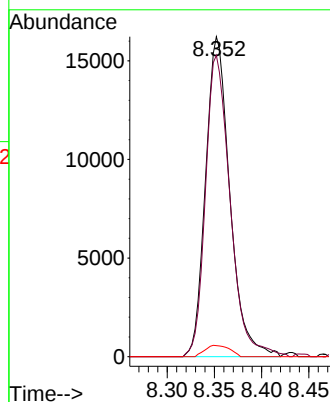
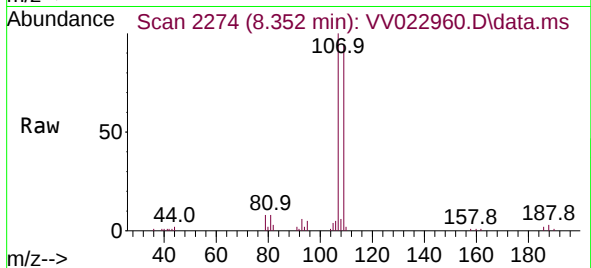
Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29033
Ion	Ratio	Lower	Upper
107	100		
109	94.2	67.1	124.5
188	3.5	3.4	5.0



#51

Chlorobenzene

Concen: 4.984 ug/L

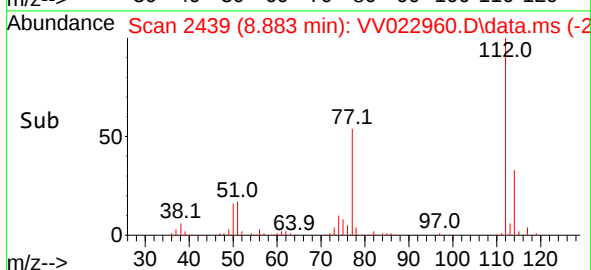
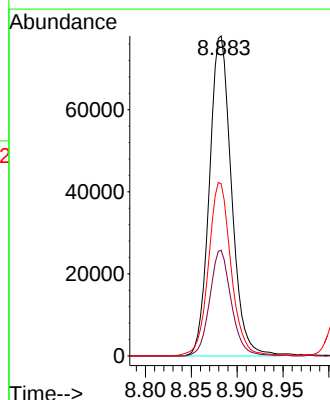
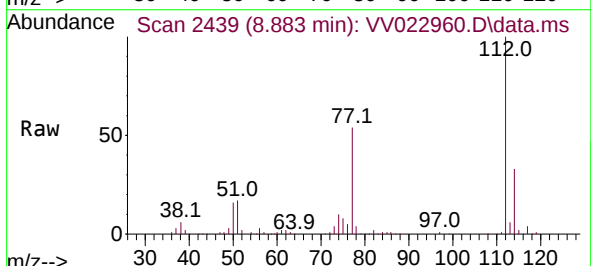
RT: 8.883 min Scan# 2439

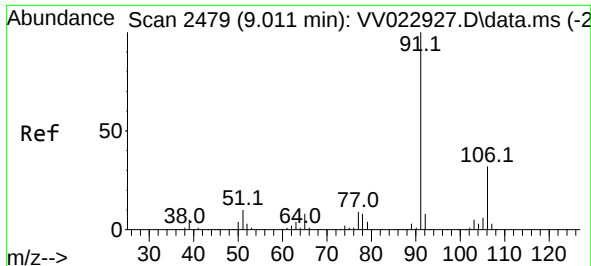
Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Tgt Ion:	112	Resp:	130664
Ion	Ratio	Lower	Upper
112	100		
114	33.1	21.6	40.2
77	53.9	43.7	65.5

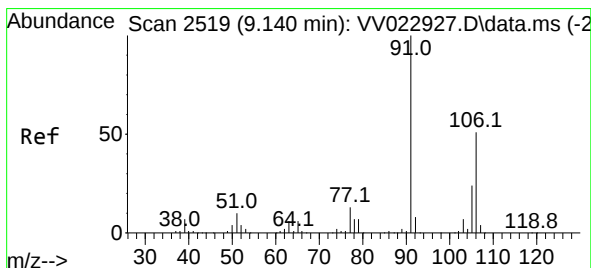
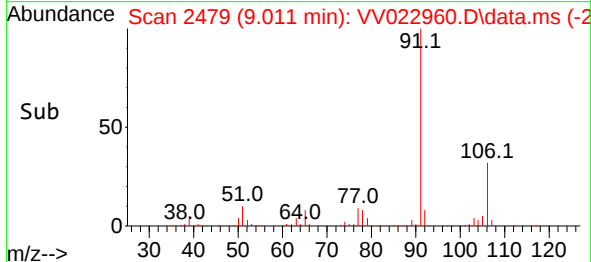
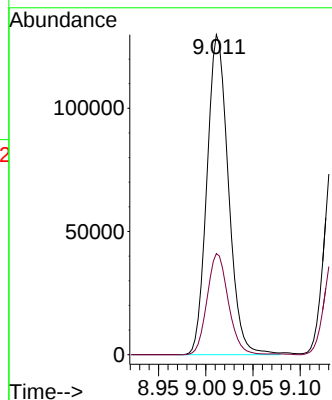
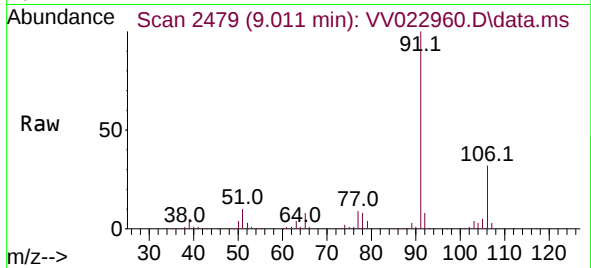




#52
Ethylbenzene
Concen: 5.059 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

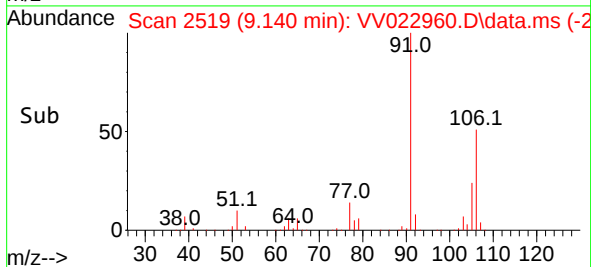
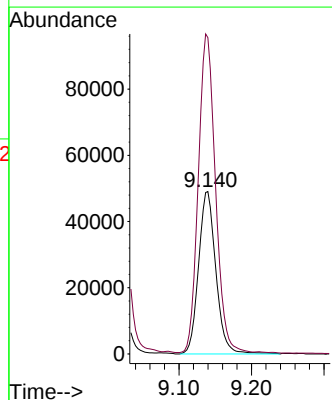
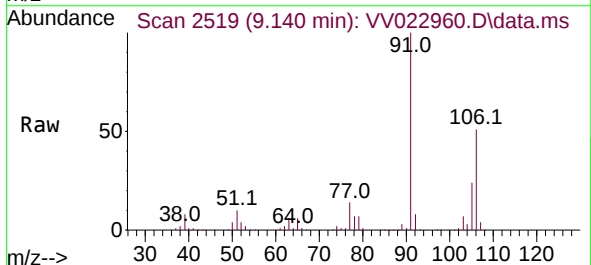
Instrument :
MSVOA_V
ClientSampleId :

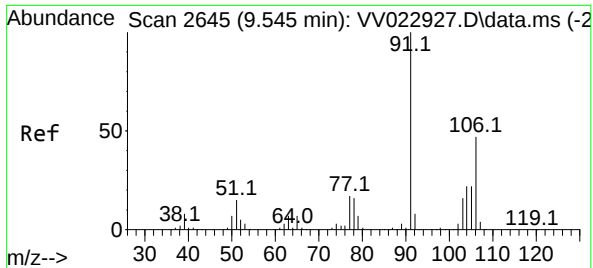
Tgt Ion: 91 Resp: 204954
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-xylene
Concen: 5.111 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion: 106 Resp: 81256
Ion Ratio Lower Upper
106 100
91 194.8 138.7 257.5

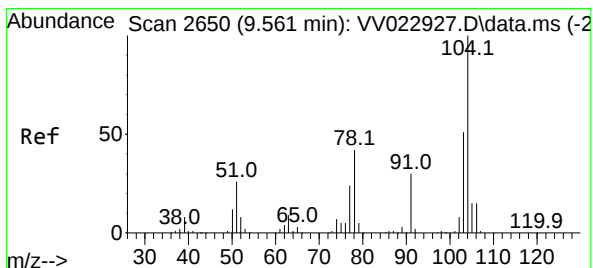
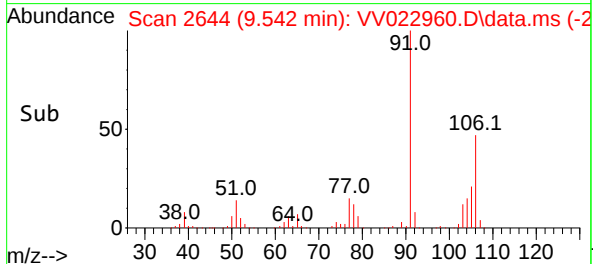
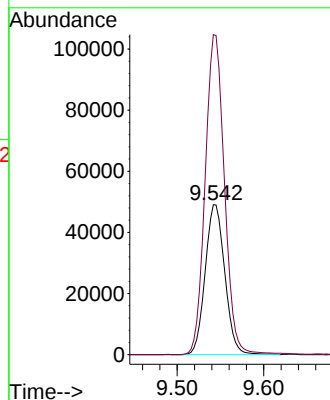
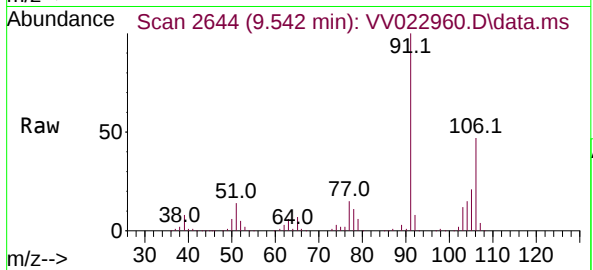




#54
o-xylene
Concen: 5.170 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

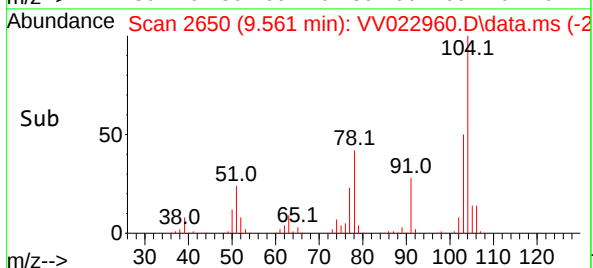
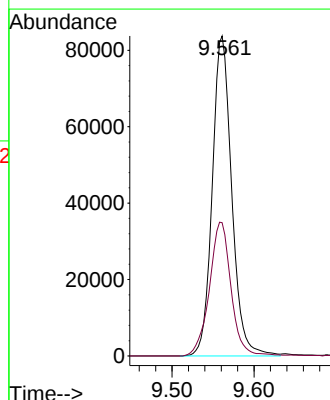
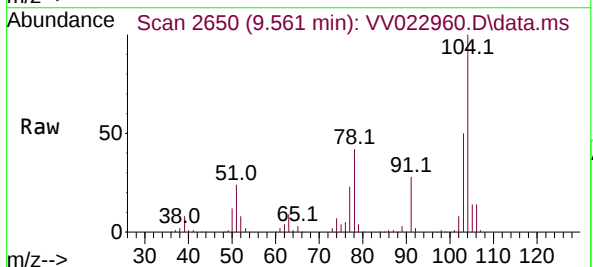
Instrument :
MSVOA_V
ClientSampleId :

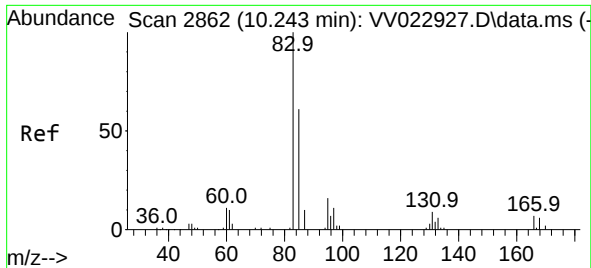
Tgt Ion:106 Resp: 77326
Ion Ratio Lower Upper
106 100
91 213.5 151.1 280.7



#55
Styrene
Concen: 5.359 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:104 Resp: 138113
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.7

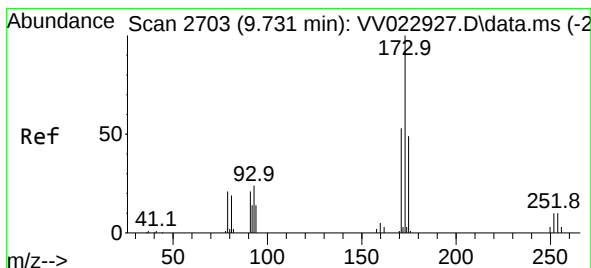
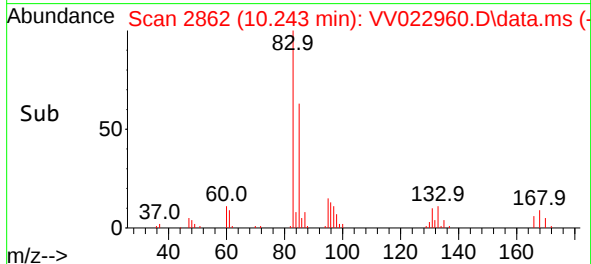
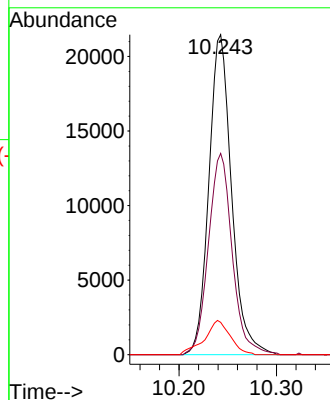
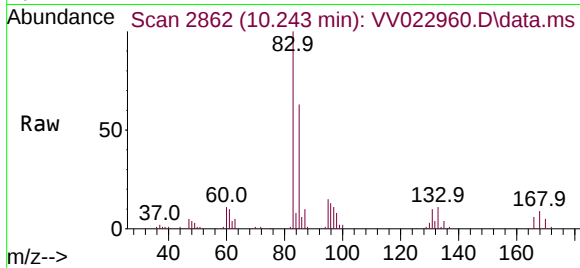




#57
1,1,2,2-Tetrachloroethane
Concen: 4.897 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

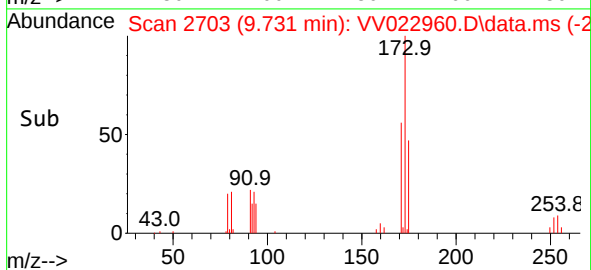
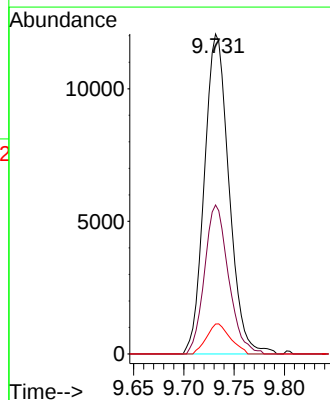
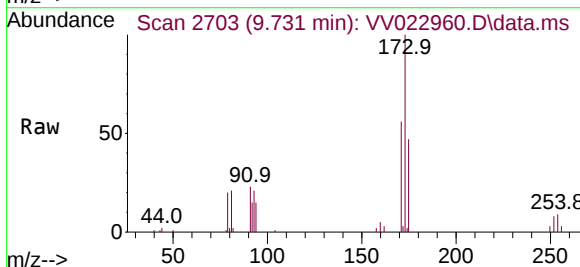
Instrument :
MSVOA_V
ClientSampleId :

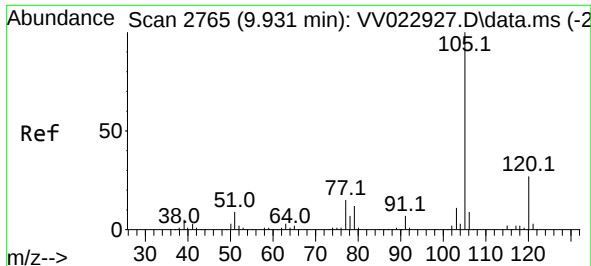
Tgt Ion: 83 Resp: 34752
Ion Ratio Lower Upper
83 100
85 62.9 46.0 85.4
131 10.1 8.4 12.6



#59
Bromoform
Concen: 4.384 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

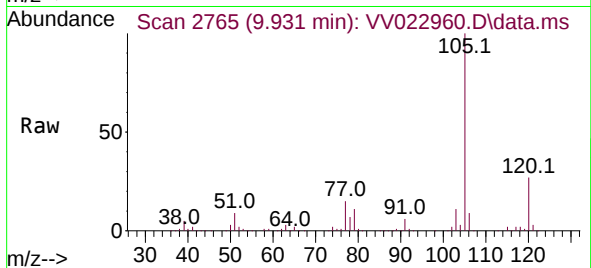
Tgt Ion: 173 Resp: 20543
Ion Ratio Lower Upper
173 100
175 45.4 38.3 57.5
254 9.0 7.1 10.7



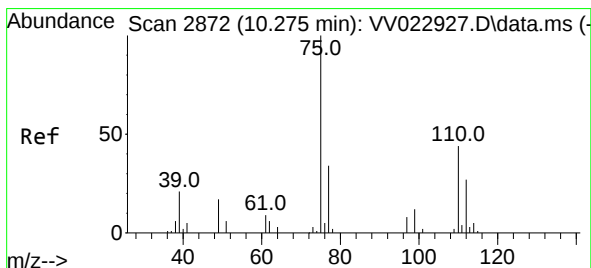
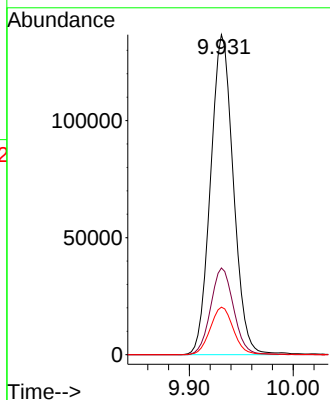
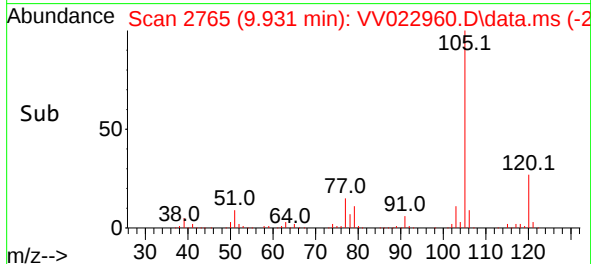


#60
Isopropylbenzene
Concen: 4.905 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

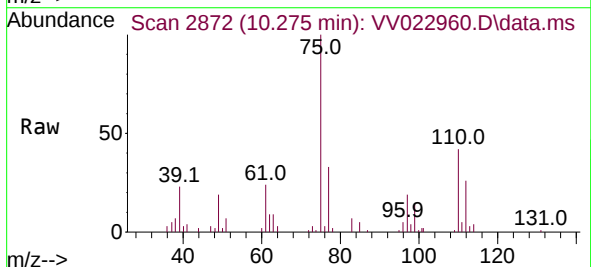
Instrument :
MSVOA_V
ClientSampleId :



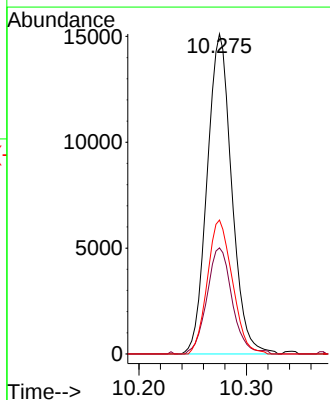
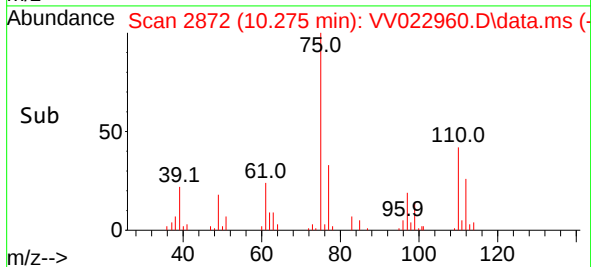
Tgt Ion:105 Resp: 208397
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.8
77 15.2 12.5 18.7

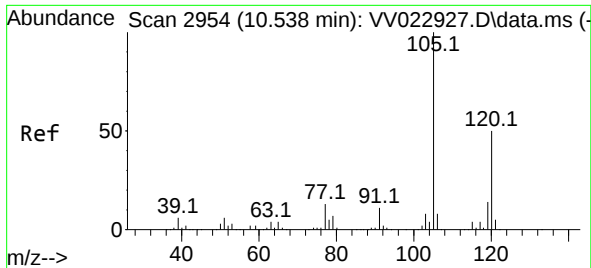


#61
1,2,3-Trichloropropane
Concen: 4.128 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01



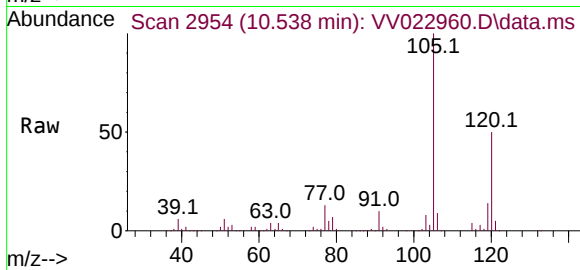
Tgt Ion: 75 Resp: 23991
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2
110 42.6 34.2 51.4



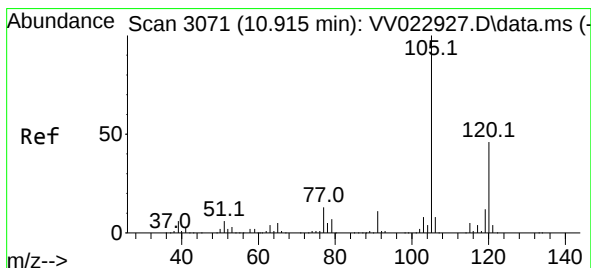
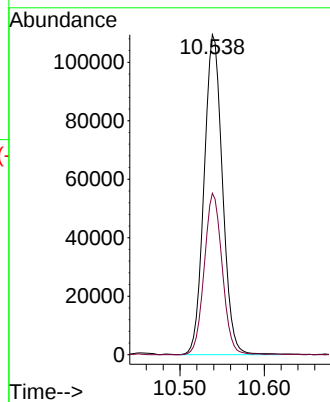
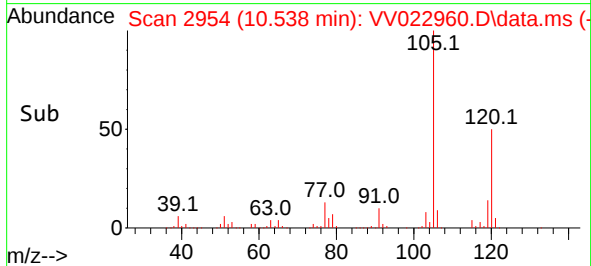


#62
 1,3,5-Trimethylbenzene
 Concen: 4.841 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01

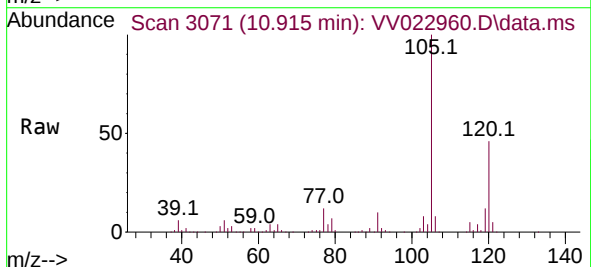
Instrument :
 MSVOA_V
 ClientSampleId :



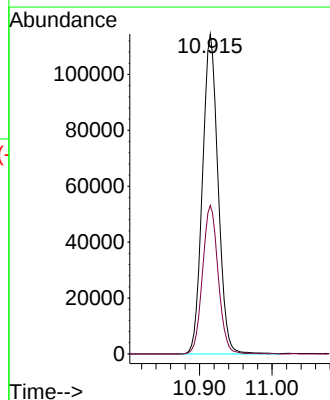
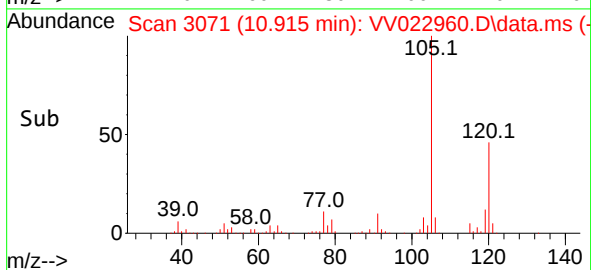
Tgt Ion:105 Resp: 166190
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.4 59.2

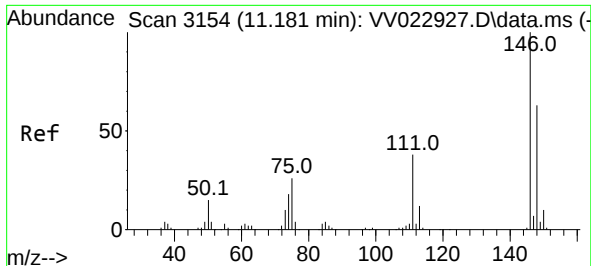


#63
 1,2,4-Trimethylbenzene
 Concen: 4.991 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV022960.D
 Acq: 21 Oct 2021 16:01



Tgt Ion:105 Resp: 171447
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.3 55.9

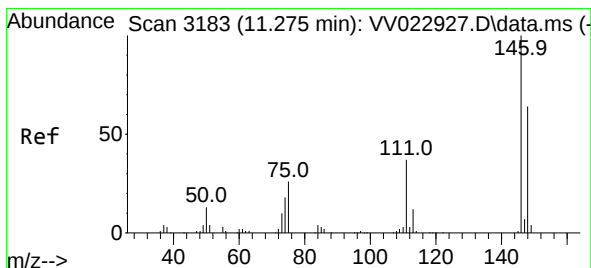
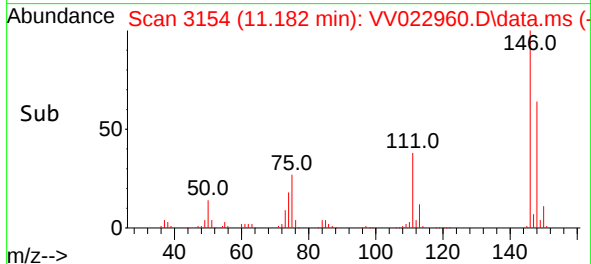
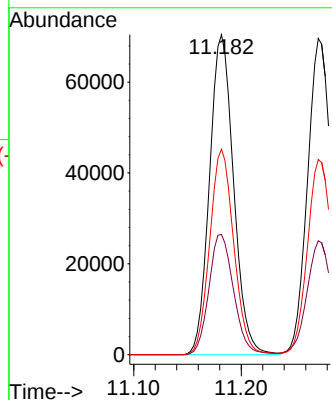
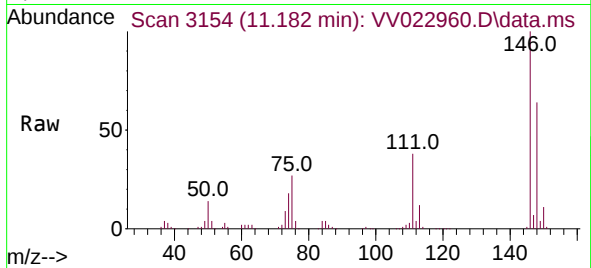




#64
1,3-Dichlorobenzene
Concen: 4.913 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

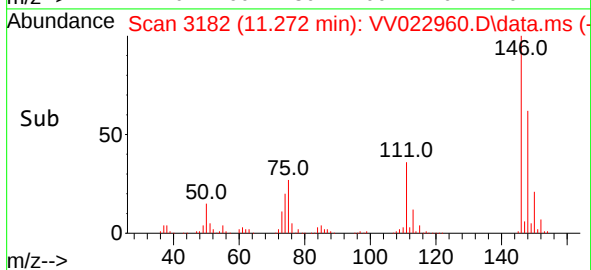
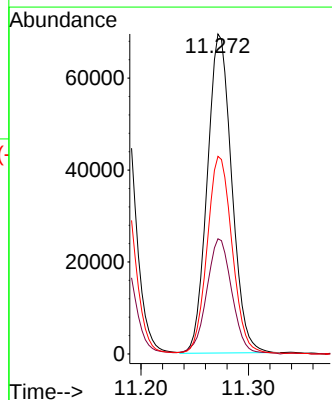
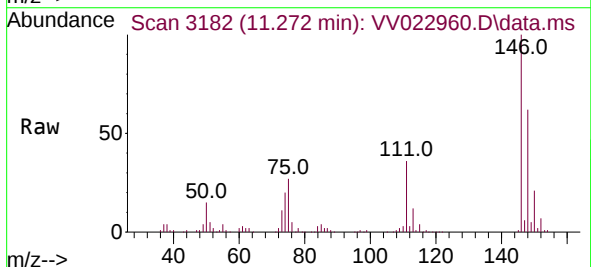
Instrument :
MSVOA_V
ClientSampleId :

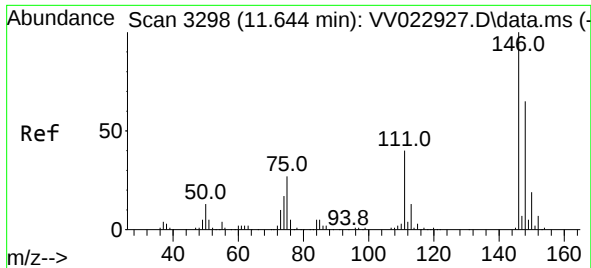
Tgt Ion:146 Resp: 109554
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 64.3 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.849 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:146 Resp: 109795
Ion Ratio Lower Upper
146 100
111 36.0 25.6 47.4
148 61.7 44.9 83.5

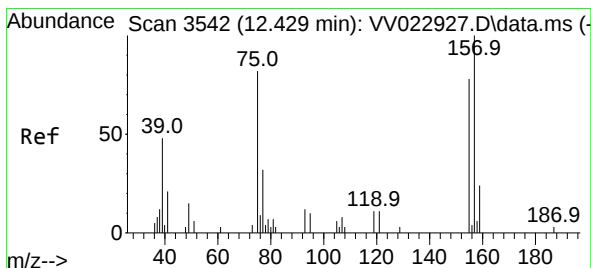
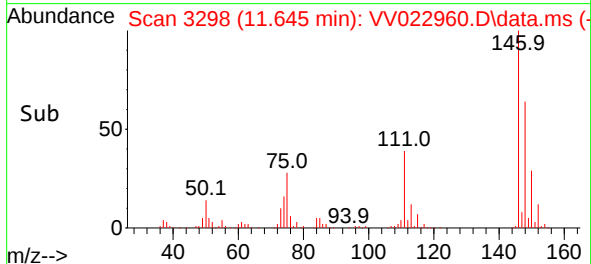
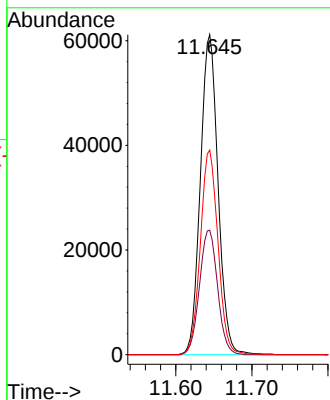
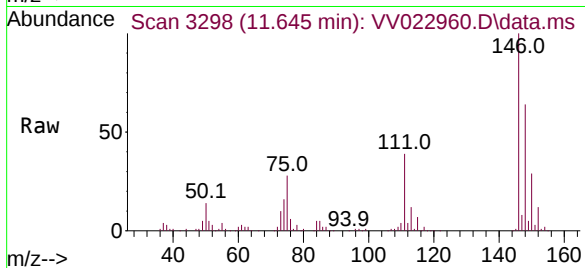




#67
1,2-Dichlorobenzene
Concen: 4.718 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

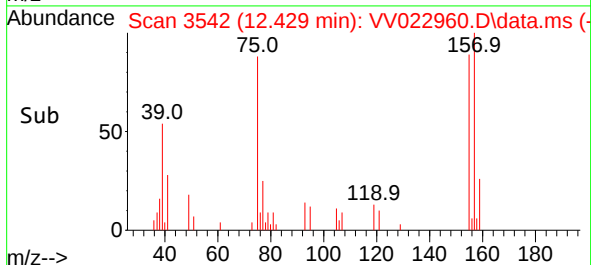
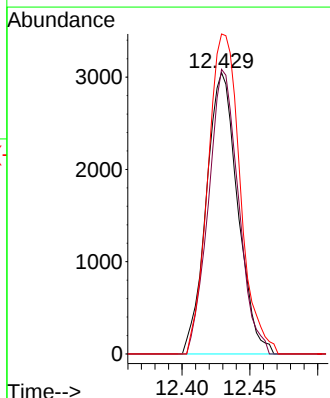
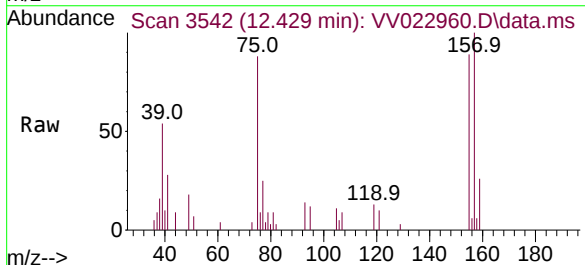
Instrument :
MSVOA_V
ClientSampleId :

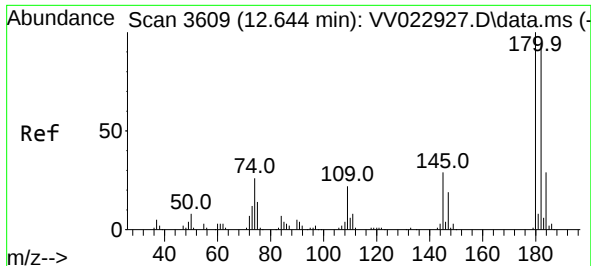
Tgt Ion:146 Resp: 98682
Ion Ratio Lower Upper
146 100
111 38.9 32.3 48.5
148 63.9 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.647 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

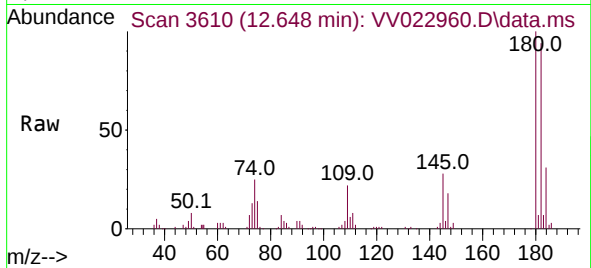
Tgt Ion: 75 Resp: 4916
Ion Ratio Lower Upper
75 100
155 101.2 82.4 123.6
157 113.7 114.1 171.1#



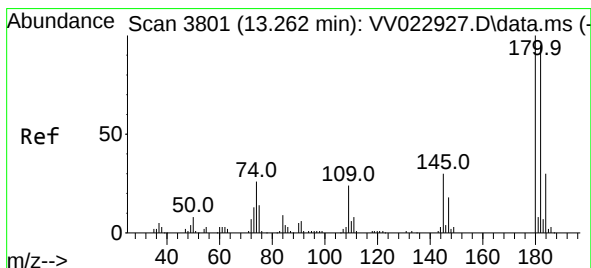
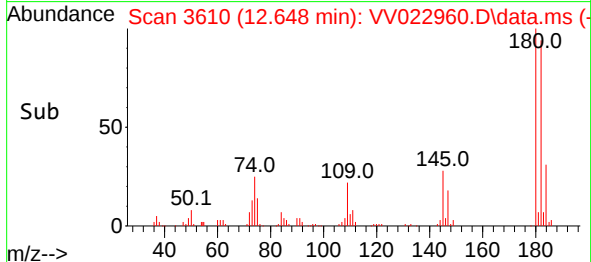
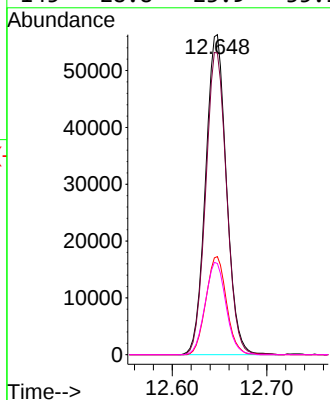


#69
1,3,5-Trichlorobenzene
Concen: 5.142 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Instrument :
MSVOA_V
ClientSampleId :

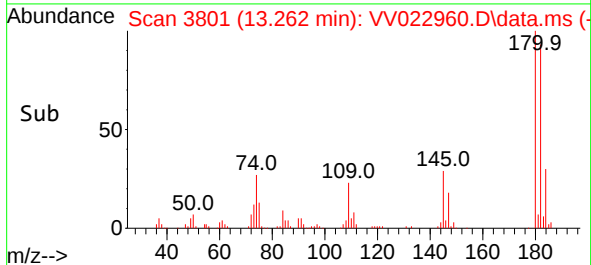
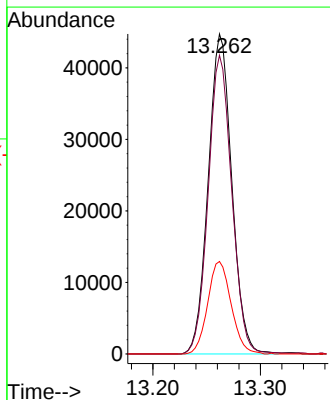
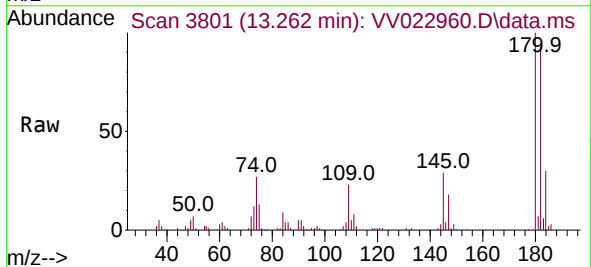


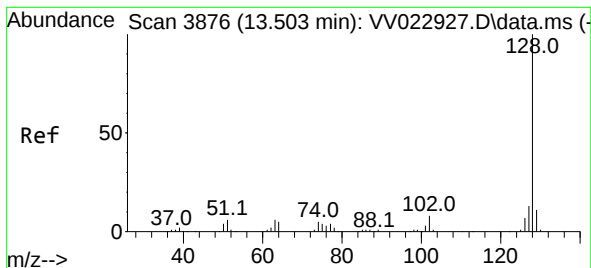
Tgt Ion:180 Resp: 86370
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.6
184 30.1 24.5 36.7
145 28.8 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 5.305 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022960.D
Acq: 21 Oct 2021 16:01

Tgt Ion:180 Resp: 68070
Ion Ratio Lower Upper
180 100
182 93.4 76.0 114.0
145 28.8 24.1 36.1





#71

Naphthalene

Concen: 4.578 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Instrument :

MSVOA_V

ClientSampleId :

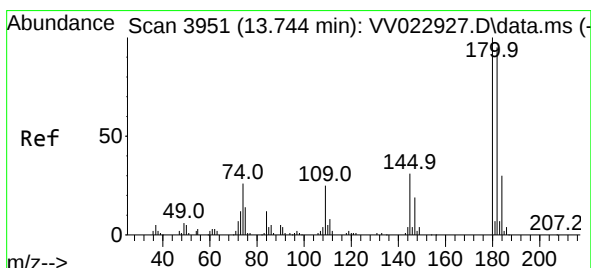
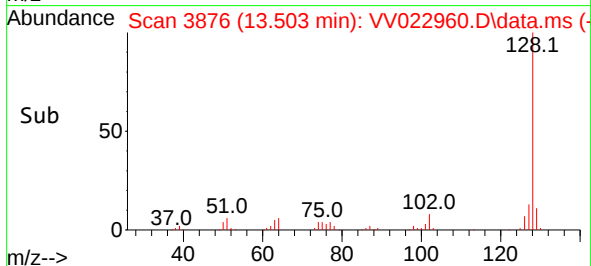
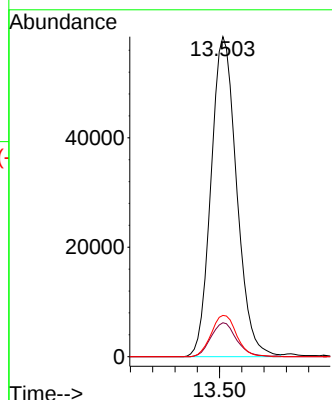
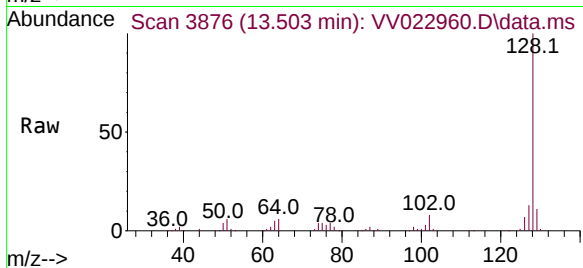
Tgt Ion:128 Resp: 93381

Ion Ratio Lower Upper

128 100

129 10.6 9.3 13.9

127 12.8 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.876 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV022960.D

Acq: 21 Oct 2021 16:01

Tgt Ion:180 Resp: 58993

Ion Ratio Lower Upper

180 100

182 97.7 75.5 113.3

145 31.7 24.7 37.1

