

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027673.D
 Acq On : 01 Sep 2022 16:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	151126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	61105	3.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.564	69	53482	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.108	63	131712	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.950	46	134992	48.631	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	4.339	84	127435	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.027	65	67748	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.031	84	232336	4.330	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	78603	4.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	234829	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.629	79	23111	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.108	63	87025	45.260	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49536	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69897	4.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	104905	5.095	ug/L	100
3) Chloromethane	1.233	50	92628	4.699	ug/L	97
5) Vinyl chloride	1.304	62	90636	4.828	ug/L	98
6) Bromomethane	1.519	94	43945	4.981	ug/L	99
8) Chloroethane	1.584	64	51501	4.909	ug/L	94
9) Trichlorofluoromethane	1.751	101	130293	5.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63735	4.650	ug/L	98
12) 1,1-Dichloroethene	2.114	96	59098	4.685	ug/L	98
13) Acetone	2.233	43	90024	47.930	ug/L	84
14) Carbon disulfide	2.288	76	169131	4.243	ug/L	99
15) Methyl Acetate	2.455	43	24487	4.914	ug/L	99
16) Methylene chloride	2.500	84	65122	4.092	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	150653	5.590	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	63636	4.451	ug/L	95
19) 1,1-Dichloroethane	3.179	63	131579	4.701	ug/L	98
21) 2-Butanone	4.037	43	147701	57.982	ug/L	82
22) cis-1,2-Dichloroethene	3.902	96	70010	4.906	ug/L	# 99
23) Bromochloromethane	4.236	128	28292	4.475	ug/L	97
25) Chloroform	4.365	83	139936	4.761	ug/L	99

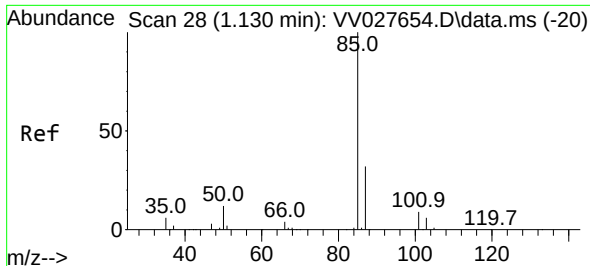
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	88734	5.530	ug/L	97
29) 1,1,1-Trichloroethane	4.590	97	130792	5.774	ug/L	100
30) Cyclohexane	4.648	56	112038	5.863	ug/L	97
31) Carbon tetrachloride	4.806	117	109890	5.670	ug/L	100
33) Benzene	5.082	78	271359	5.311	ug/L	100
34) Trichloroethene	5.905	95	72819	5.798	ug/L	98
35) Methylcyclohexane	6.117	83	110817	5.686	ug/L	97
37) 1,2-Dichloropropane	6.175	63	73994	5.735	ug/L #	97
38) Bromodichloromethane	6.516	83	92198	5.650	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	84291	5.352	ug/L	100
40) 4-Methyl-2-pentanone	7.256	43	327379	57.094	ug/L	96
42) Toluene	7.391	91	311076	6.097	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	71332	5.557	ug/L	100
45) 1,1,2-Trichloroethane	7.847	97	47308	5.685	ug/L	97
47) Tetrachloroethene	7.973	164	57796	5.675	ug/L	98
48) 2-Hexanone	8.159	43	245639	57.083	ug/L	98
49) Dibromochloromethane	8.249	129	55843	5.663	ug/L	93
50) 1,2-Dibromoethane	8.358	107	42094	5.647	ug/L	99
51) Chlorobenzene	8.883	112	183918	5.718	ug/L	98
52) Ethylbenzene	9.011	91	290308	5.616	ug/L	98
53) m,p-Xylene	9.136	106	119789	6.028	ug/L	92
54) o-Xylene	9.542	106	111058	5.857	ug/L	95
55) Styrene	9.561	104	201878	6.234	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	51673	5.616	ug/L	98
59) Bromoform	9.731	173	27047	5.148	ug/L	100
60) Isopropylbenzene	9.931	105	297500	5.314	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	37699	5.037	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	78714	5.153	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	222895	5.075	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	147443	5.458	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	143835	5.355	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	129966	5.364	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7440	4.992	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	98066	5.035	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70638	4.920	ug/L	99
71) Naphthalene	13.500	128	87897	3.912	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62462	4.830	ug/L	99

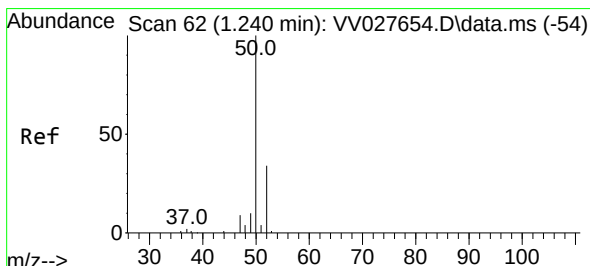
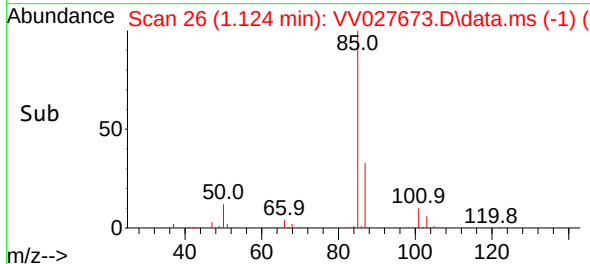
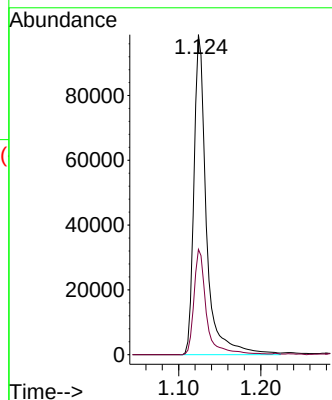
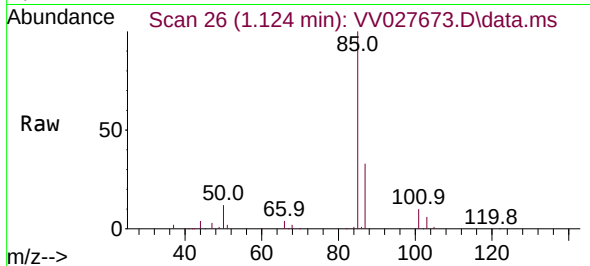
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.095 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

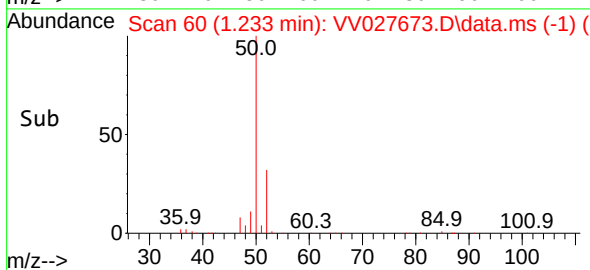
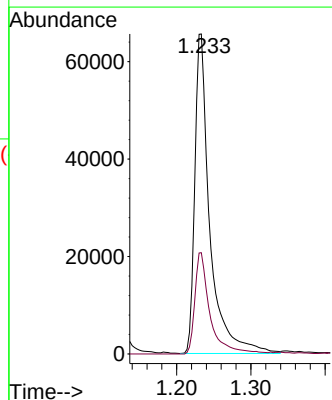
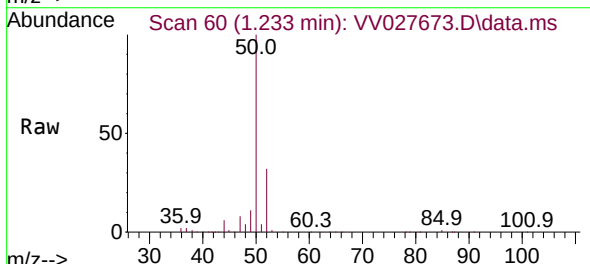
Instrument :
 MSVOA_V
 ClientSampleId :

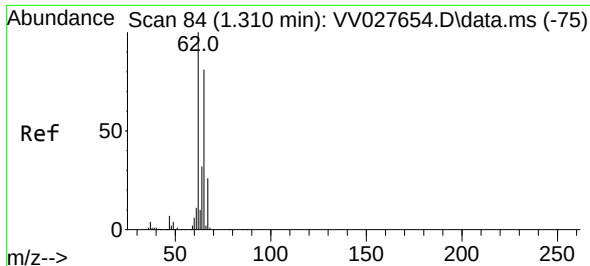
Tgt Ion: 85 Resp: 104905
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.699 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Tgt Ion: 50 Resp: 92628
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.5 43.7

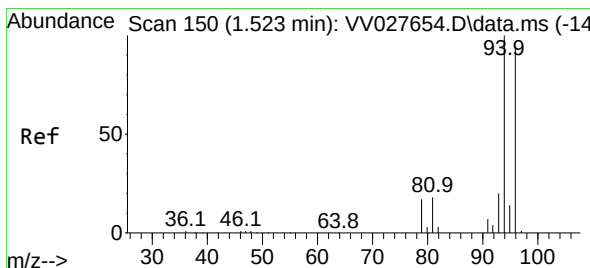
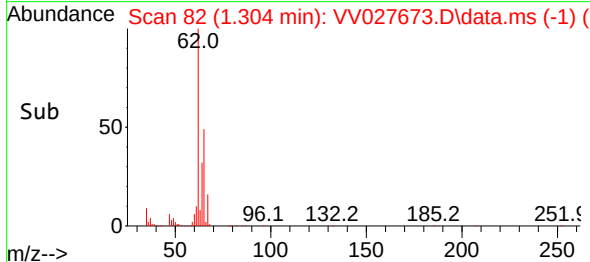
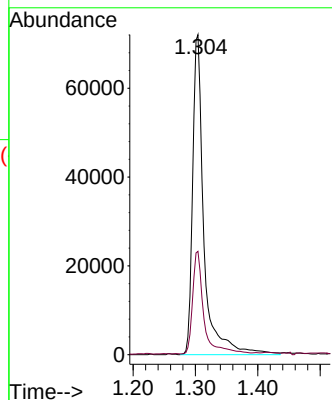
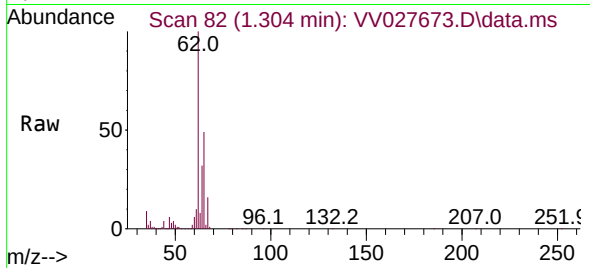




#5
 Vinyl chloride
 Concen: 4.828 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

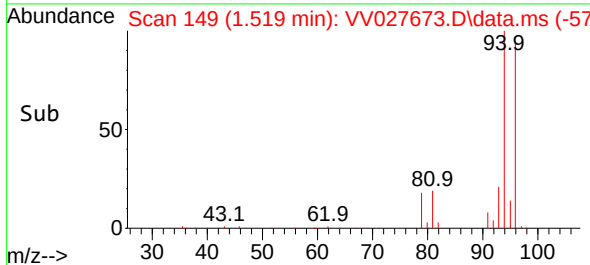
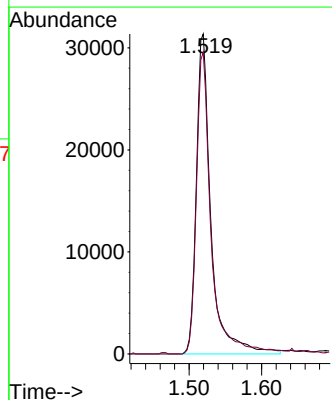
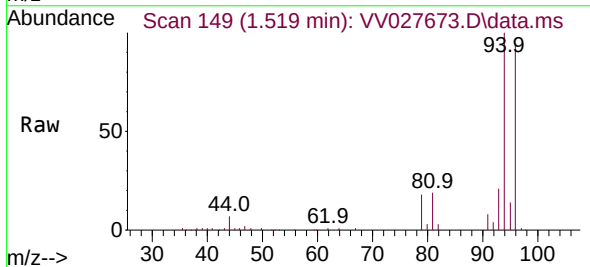
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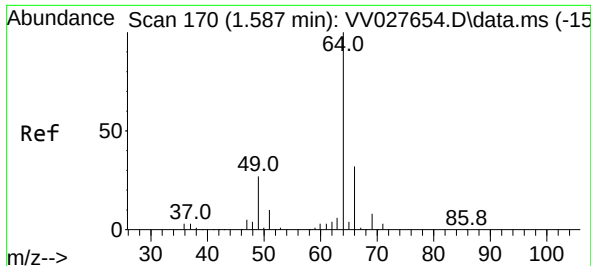
Tgt Ion: 62 Resp: 90636
 Ion Ratio Lower Upper
 62 100
 64 32.3 21.8 40.4



#6
 Bromomethane
 Concen: 4.981 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Tgt Ion: 94 Resp: 43945
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.1 120.9

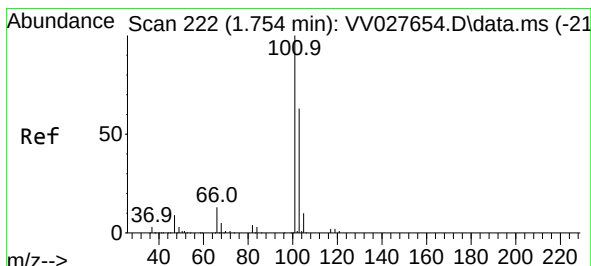
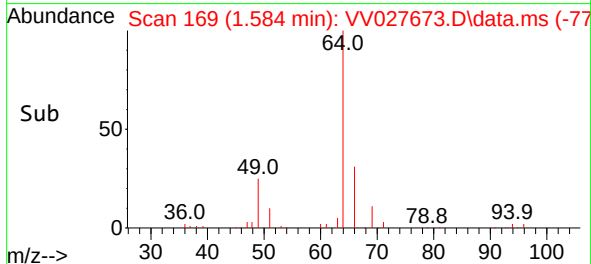
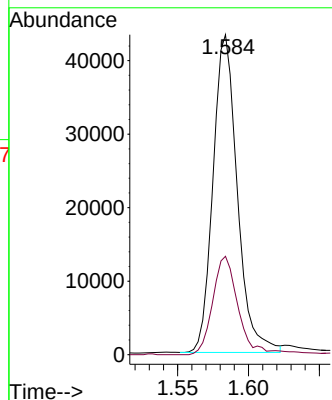
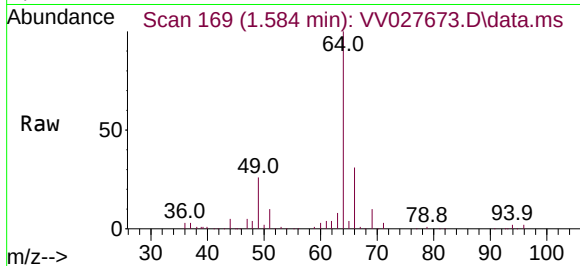




#8
Chloroethane
Concen: 4.909 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

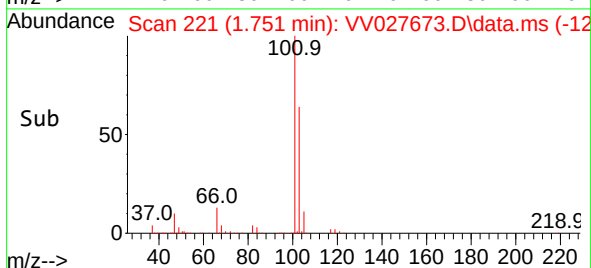
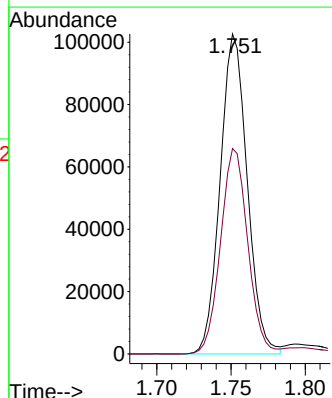
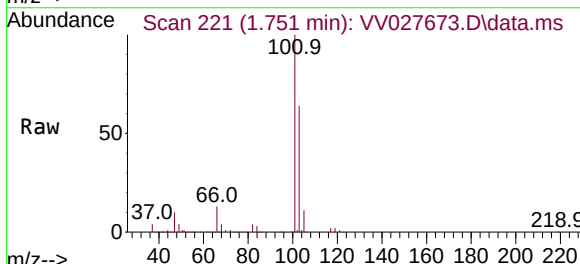
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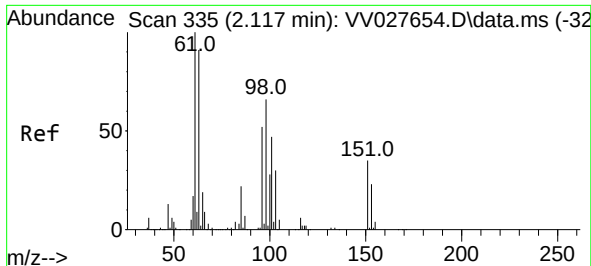
Tgt Ion: 64 Resp: 51501
Ion Ratio Lower Upper
64 100
66 30.7 24.0 44.6



#9
Trichlorofluoromethane
Concen: 5.176 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion:101 Resp: 130293
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

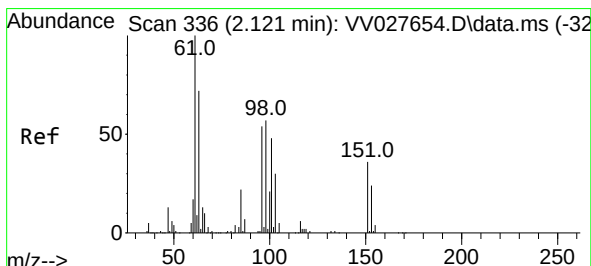
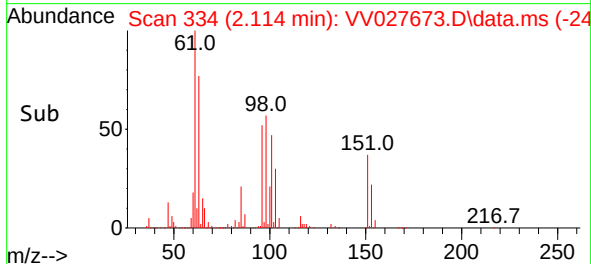
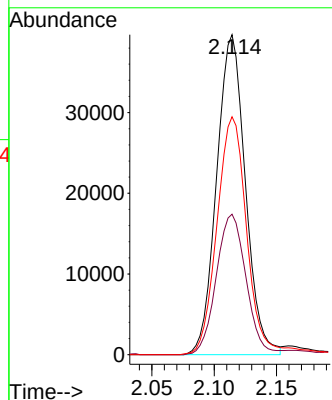
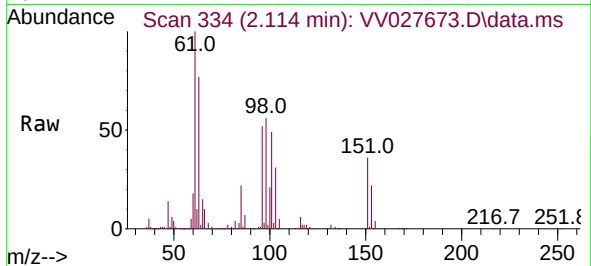




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.650 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

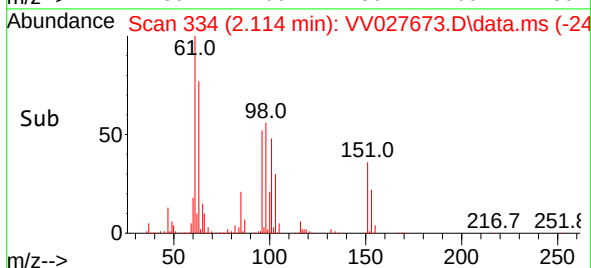
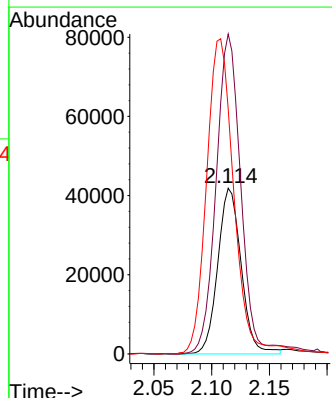
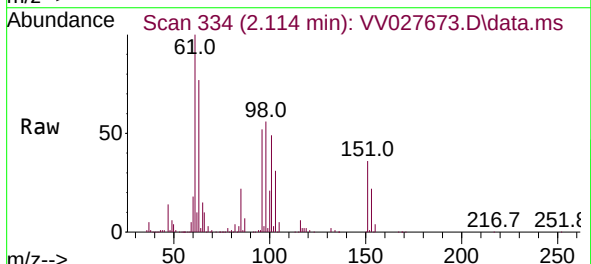
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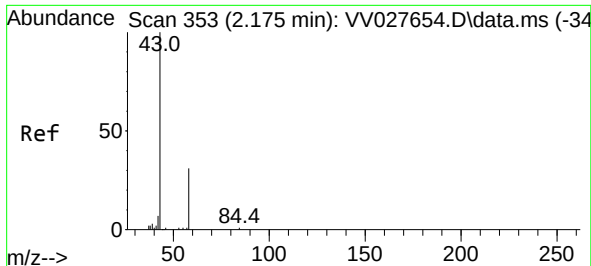
Tgt Ion:101 Resp: 63735
Ion Ratio Lower Upper
101 100
85 45.5 36.7 55.1
151 78.3 60.9 91.3



#12
1,1-Dichloroethene
Concen: 4.685 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 96 Resp: 59098
Ion Ratio Lower Upper
96 100
61 193.1 134.3 249.3
63 148.0 105.7 196.3





#13

Acetone

Concen: 47.930 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.058 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

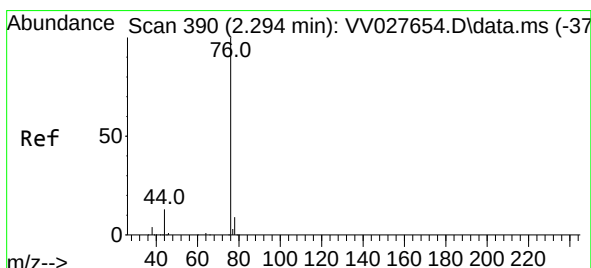
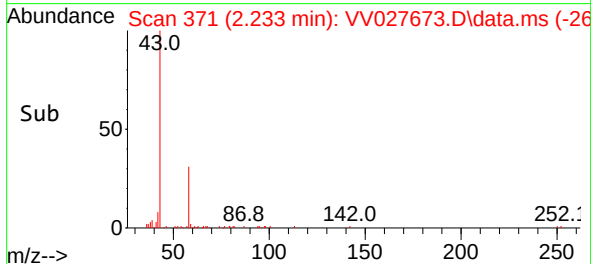
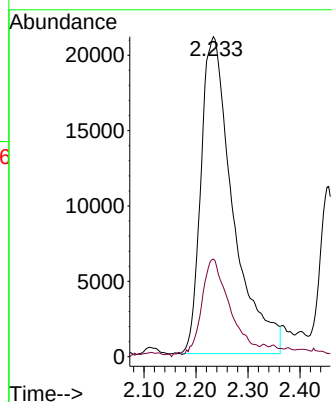
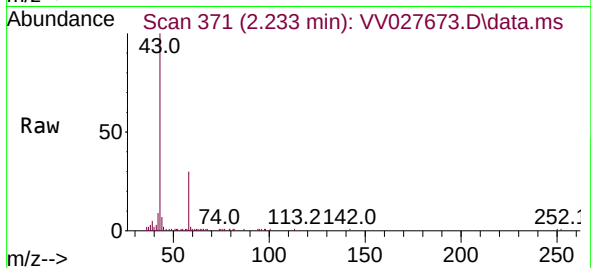
ClientSampleId :

Tgt Ion: 43 Resp: 90024

Ion Ratio Lower Upper

43 100

58 26.5 0.0 38.4



#14

Carbon disulfide

Concen: 4.243 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.006 min

Lab File: VV027673.D

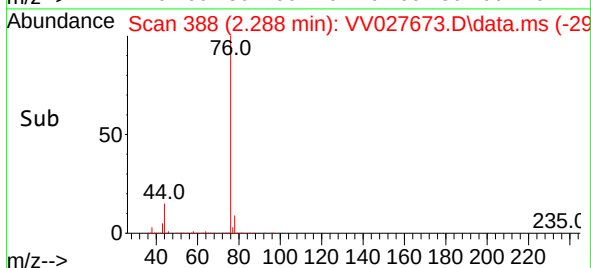
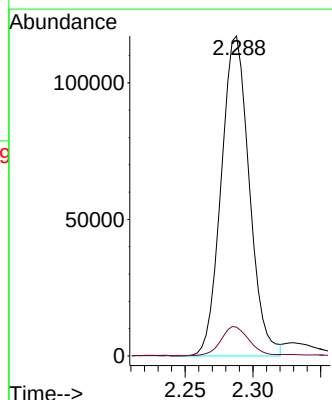
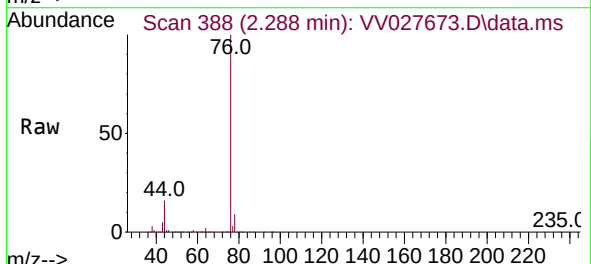
Acq: 01 Sep 2022 16:48

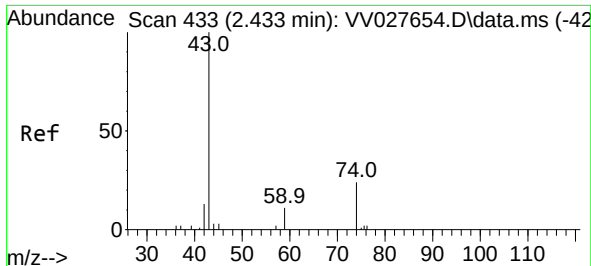
Tgt Ion: 76 Resp: 169131

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

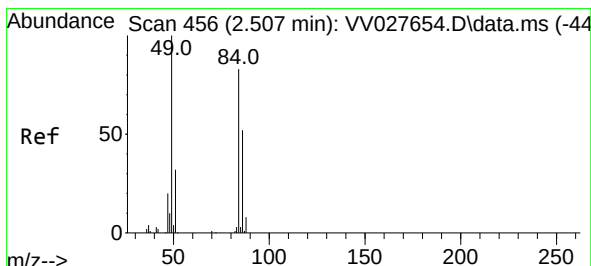
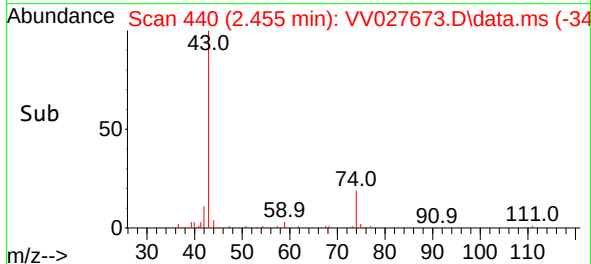
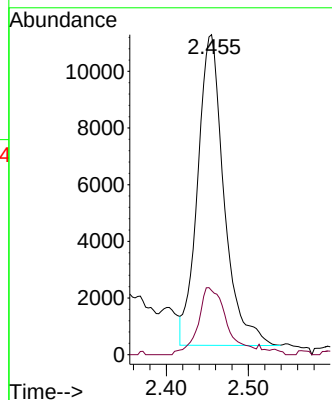
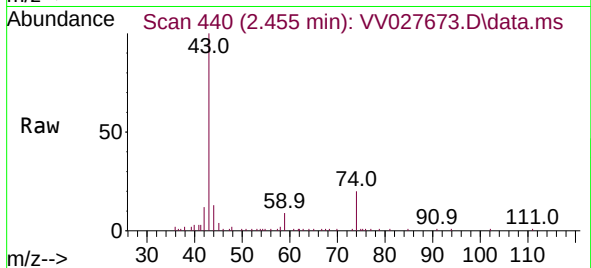




#15
Methyl Acetate
Concen: 4.914 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.023 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

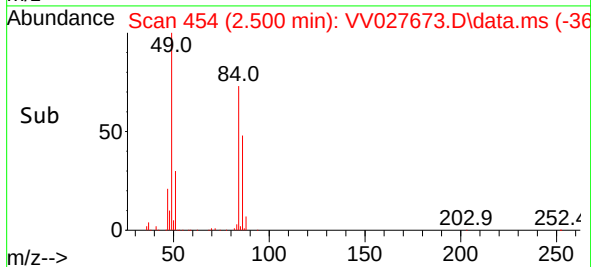
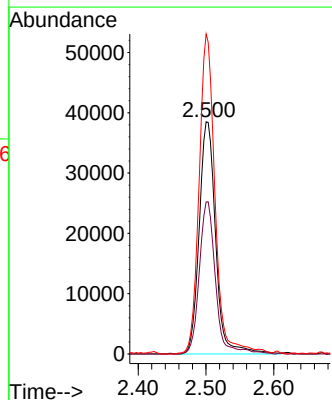
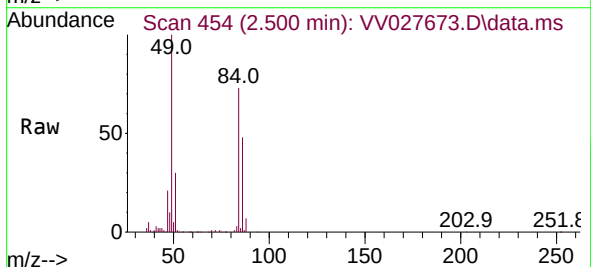
Instrument :
MSVOA_V
ClientSampleId :

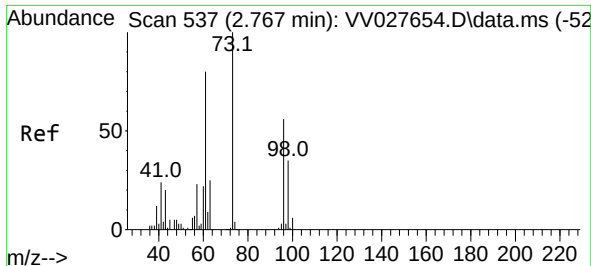
Tgt Ion: 43 Resp: 24487
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4



#16
Methylene chloride
Concen: 4.092 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 84 Resp: 65122
Ion Ratio Lower Upper
84 100
86 65.5 43.9 81.5
49 137.8 92.5 171.7





#17

Methyl tert-butyl Ether

Concen: 5.590 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.013 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

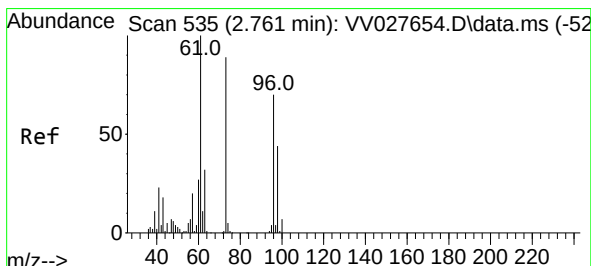
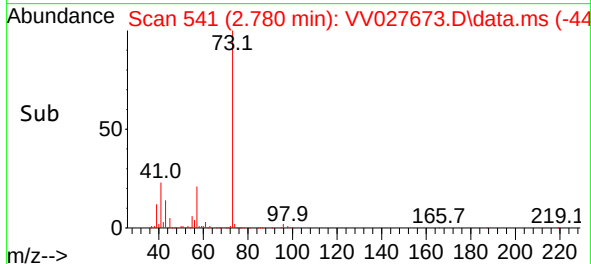
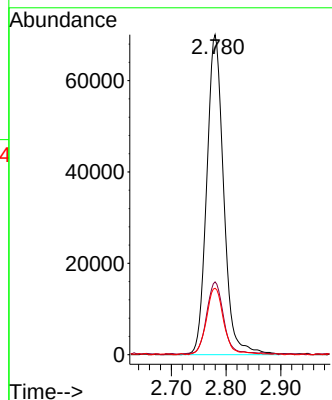
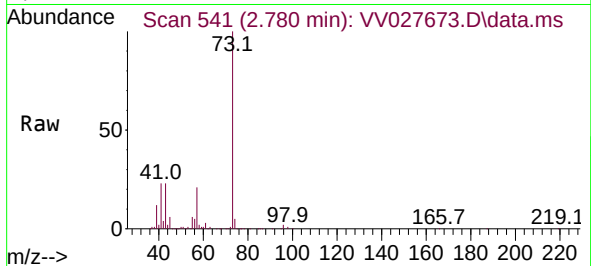
Tgt Ion: 73 Resp: 150653

Ion Ratio Lower Upper

73 100

43 22.4 16.5 24.7

57 21.4 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 4.451 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.013 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

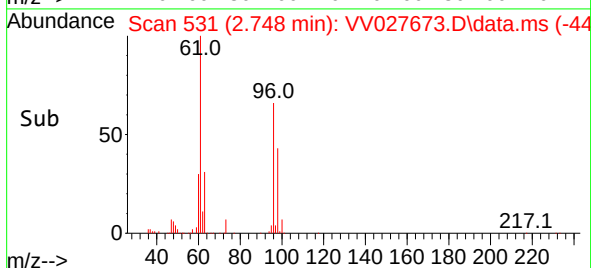
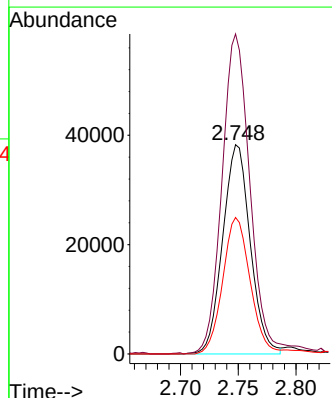
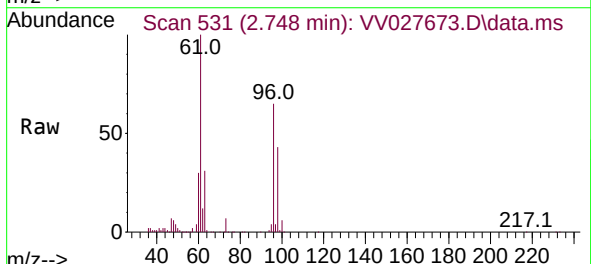
Tgt Ion: 96 Resp: 63636

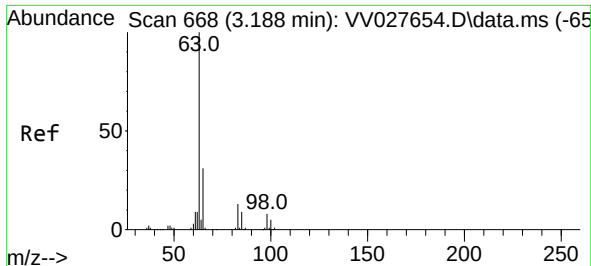
Ion Ratio Lower Upper

96 100

61 152.9 101.8 189.0

98 65.2 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.701 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.010 min

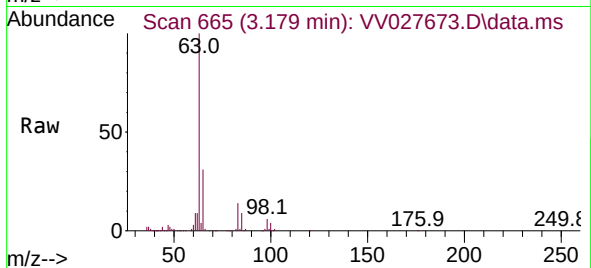
Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :



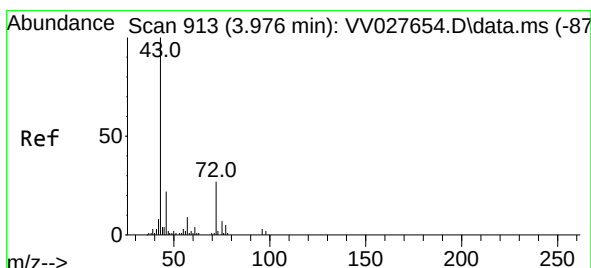
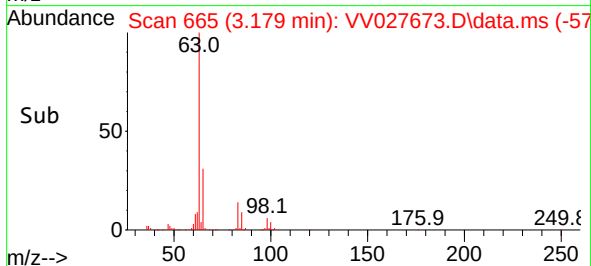
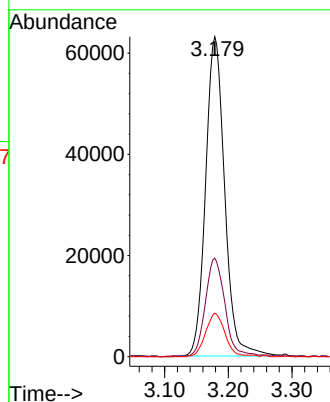
Tgt Ion: 63 Resp: 131579

Ion Ratio Lower Upper

63 100

65 30.8 22.7 42.1

83 13.6 9.7 18.1



#21

2-Butanone

Concen: 57.982 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.061 min

Lab File: VV027673.D

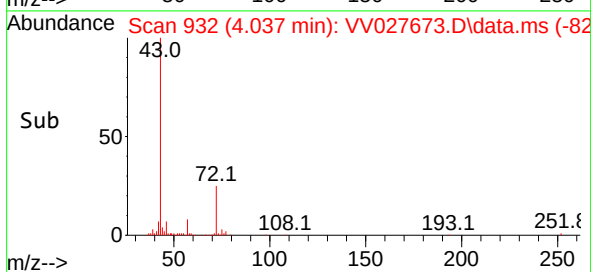
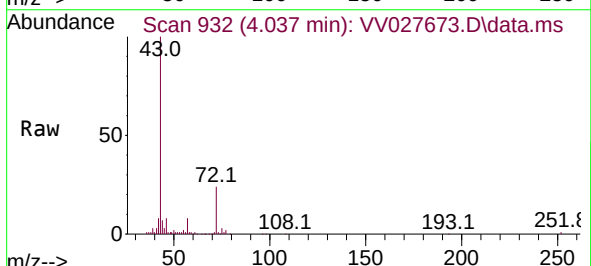
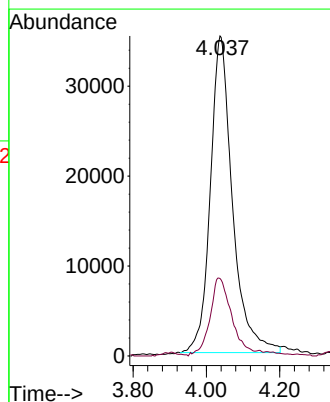
Acq: 01 Sep 2022 16:48

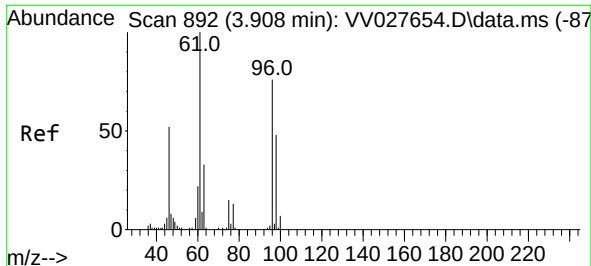
Tgt Ion: 43 Resp: 147701

Ion Ratio Lower Upper

43 100

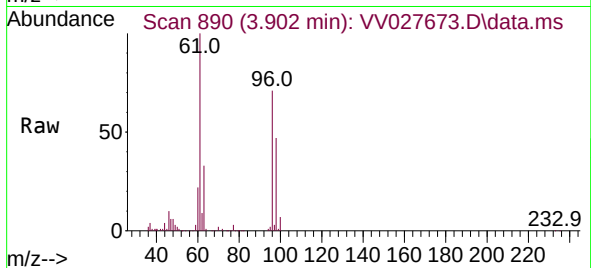
72 24.2 8.3 24.9



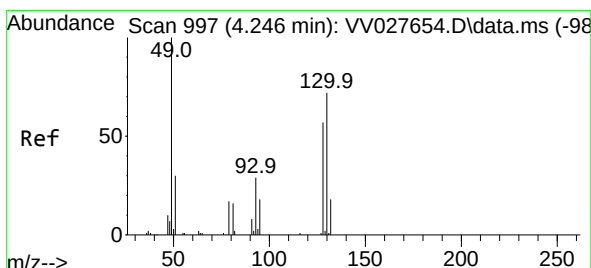
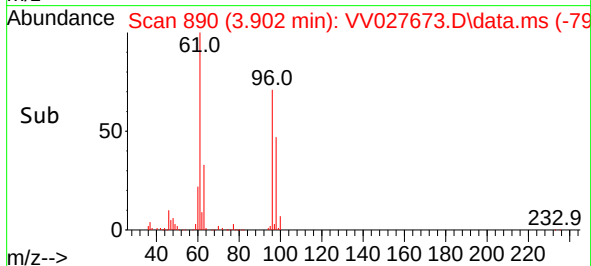
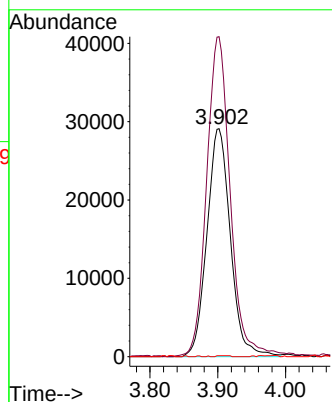


#22
 cis-1,2-Dichloroethene
 Concen: 4.906 ug/L
 RT: 3.902 min Scan# 892
 Delta R.T. -0.006 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Instrument :
 MSVOA_V
 ClientSampleId :

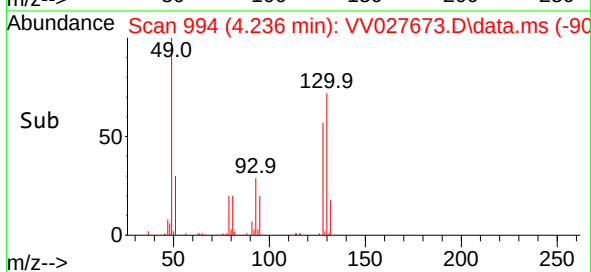
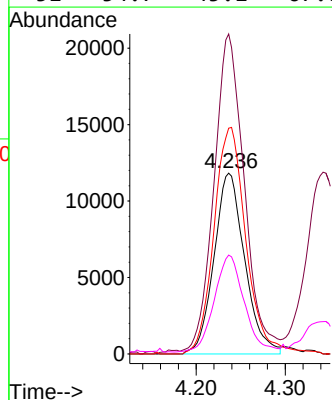
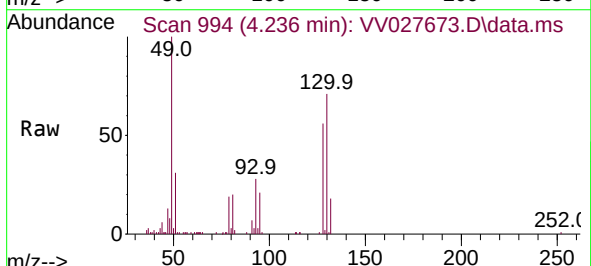


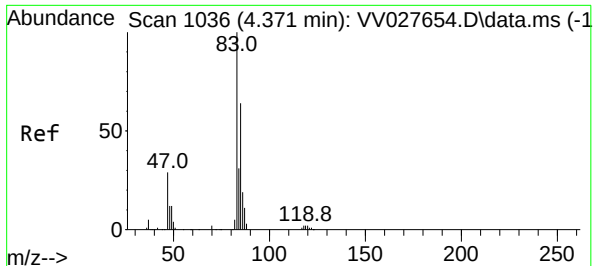
Tgt Ion: 96 Resp: 70010
 Ion Ratio Lower Upper
 96 100
 61 140.3 96.9 180.1
 68 0.4 0.0 0.0#



#23
 Bromochloromethane
 Concen: 4.475 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.010 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Tgt Ion:128 Resp: 28292
 Ion Ratio Lower Upper
 128 100
 49 177.0 120.1 223.1
 130 124.9 89.0 165.4
 51 54.7 45.1 67.7





#25

Chloroform

Concen: 4.761 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

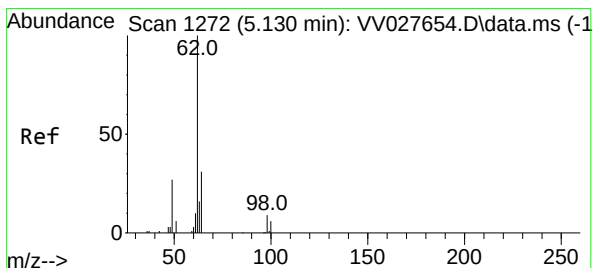
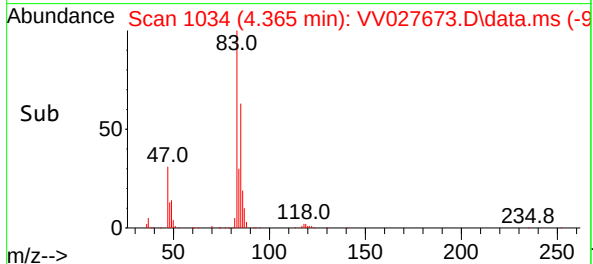
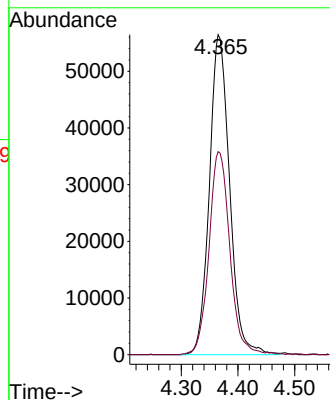
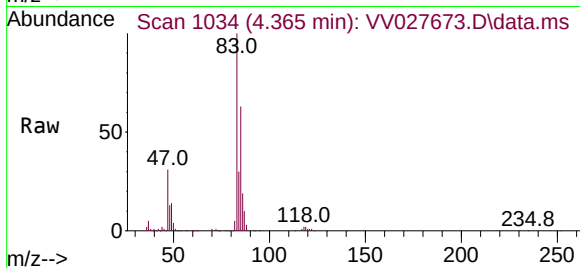
ClientSampleId :

Tgt Ion: 83 Resp: 139936

Ion Ratio Lower Upper

83 100

85 63.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.530 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027673.D

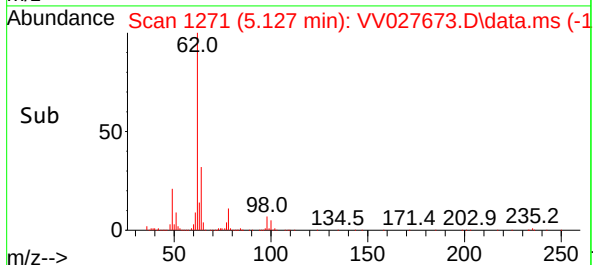
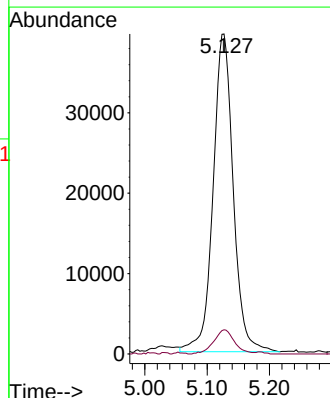
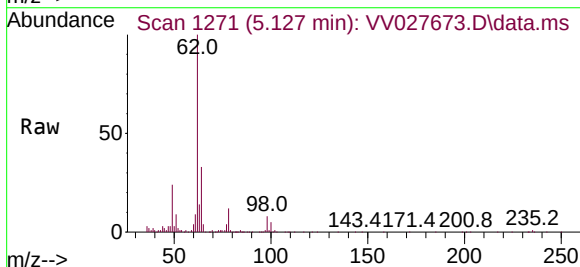
Acq: 01 Sep 2022 16:48

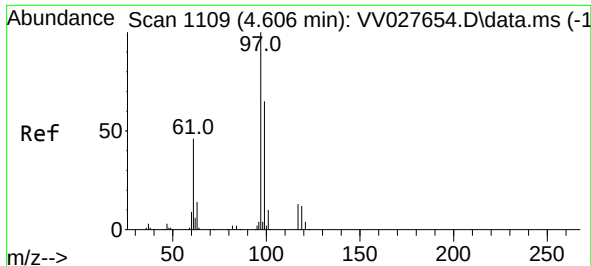
Tgt Ion: 62 Resp: 88734

Ion Ratio Lower Upper

62 100

98 7.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.774 ug/L

RT: 4.590 min Scan# 1109

Delta R.T. -0.016 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

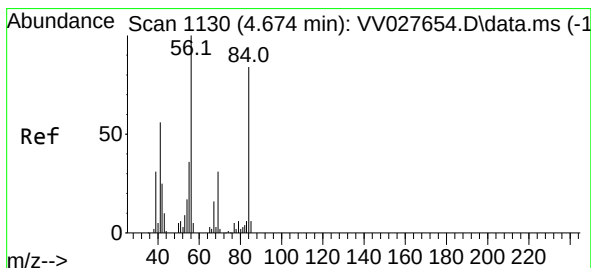
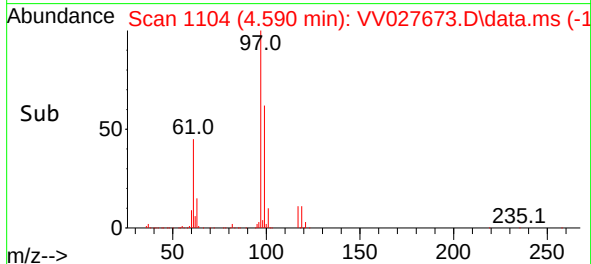
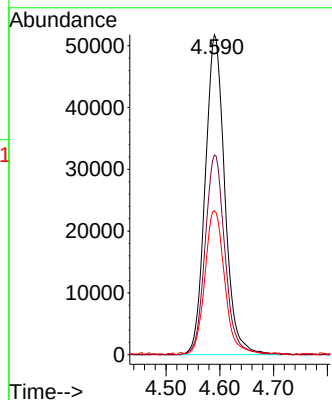
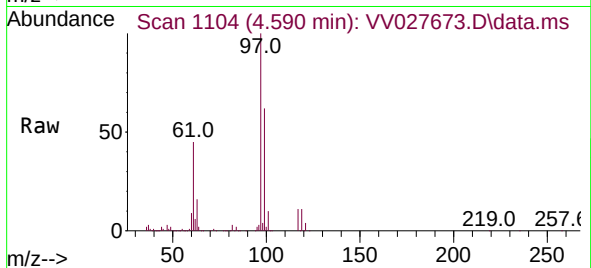
Tgt Ion: 97 Resp: 130792

Ion Ratio Lower Upper

97 100

99 63.3 50.6 75.8

61 44.9 36.1 54.1



#30

Cyclohexane

Concen: 5.863 ug/L

RT: 4.648 min Scan# 1122

Delta R.T. -0.026 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

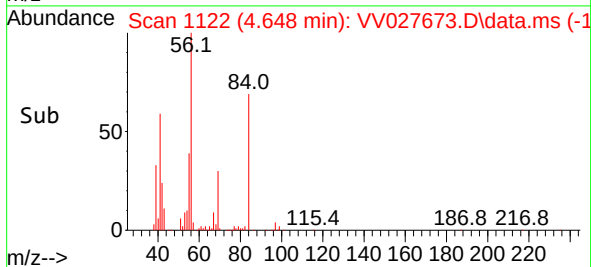
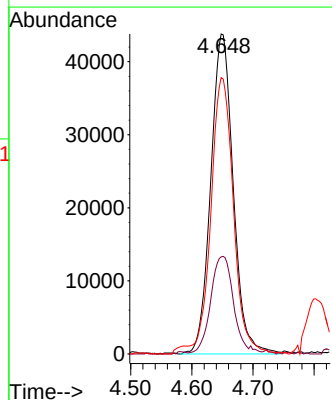
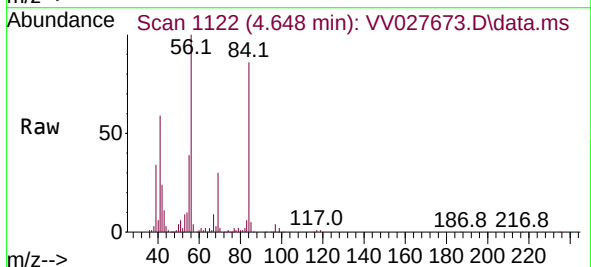
Tgt Ion: 56 Resp: 112038

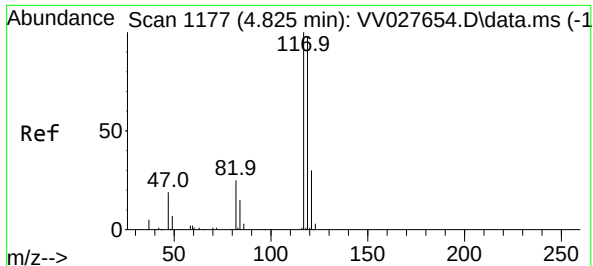
Ion Ratio Lower Upper

56 100

69 30.3 24.1 36.1

84 87.2 66.9 100.3

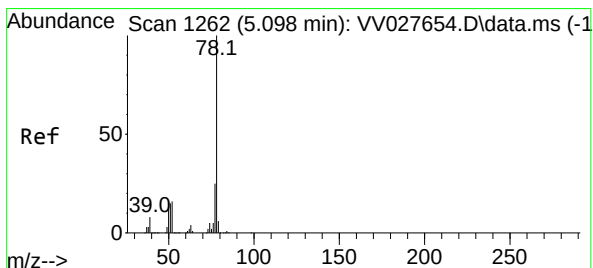
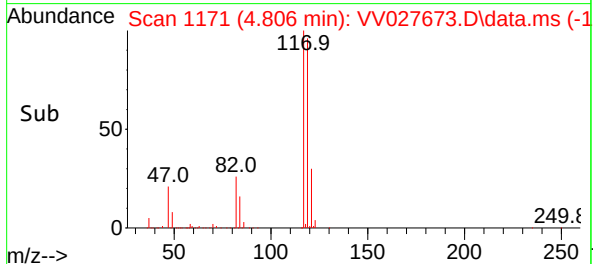
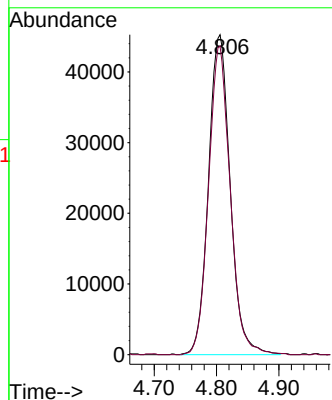
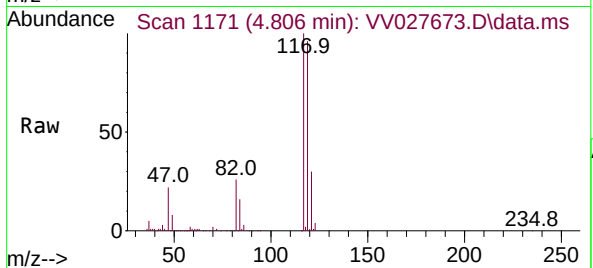




#31
Carbon tetrachloride
Concen: 5.670 ug/L
RT: 4.806 min Scan# 1171
Delta R.T. -0.019 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

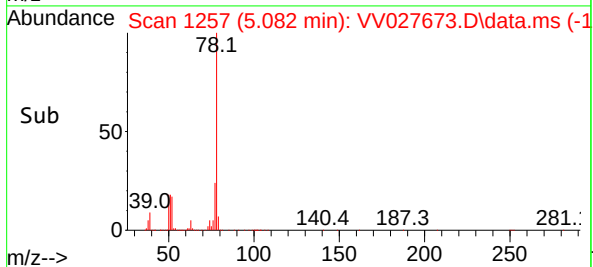
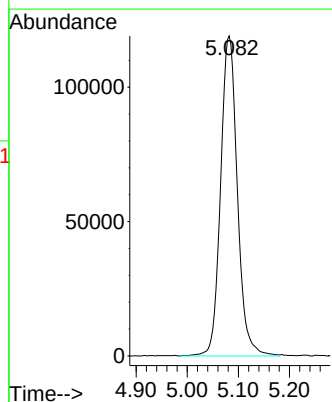
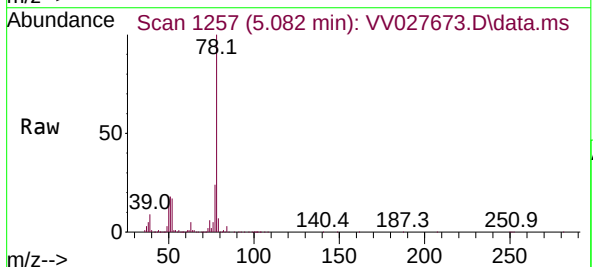
Instrument :
MSVOA_V
ClientSampleId :

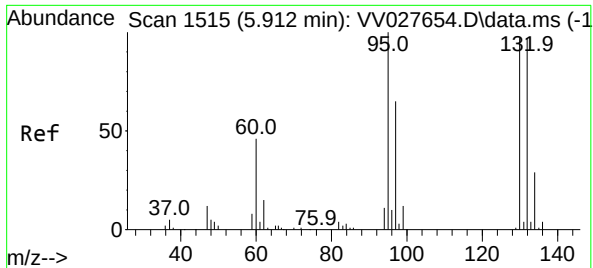
Tgt Ion:117 Resp: 109890
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2



#33
Benzene
Concen: 5.311 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 78 Resp: 271359

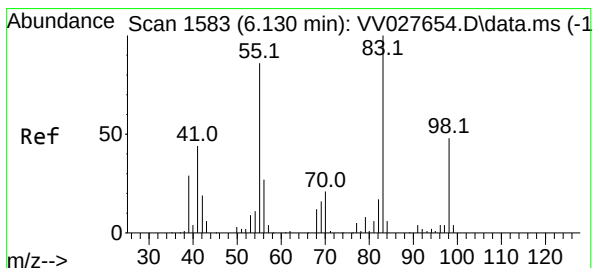
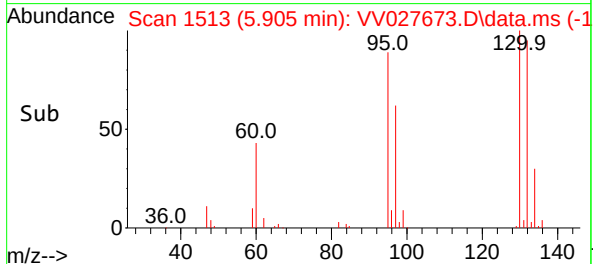
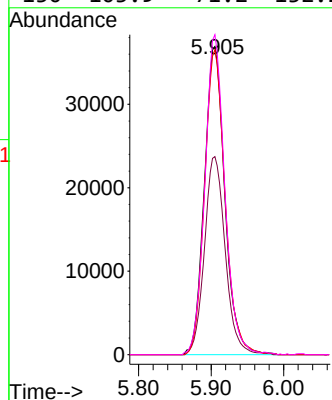
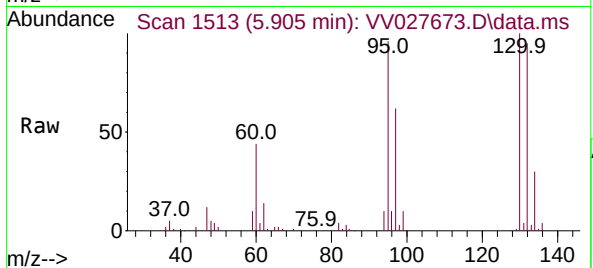




#34
Trichloroethene
Concen: 5.798 ug/L
RT: 5.905 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

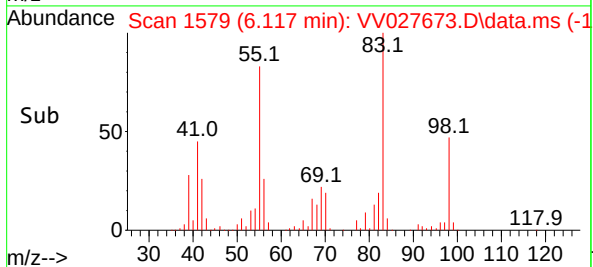
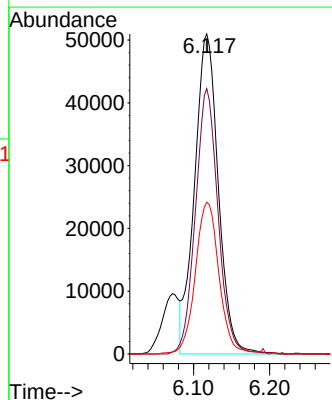
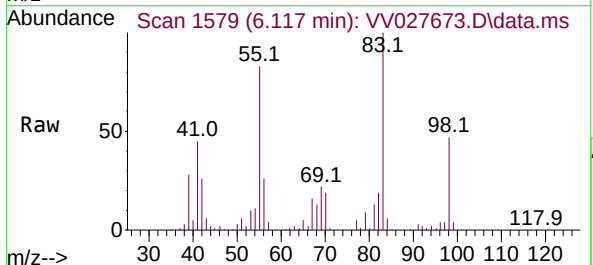
Instrument :
MSVOA_V
ClientSampleId :

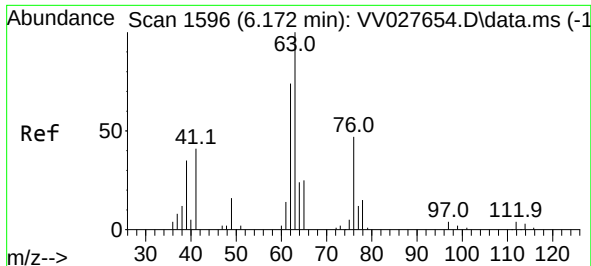
Tgt Ion: 95 Resp: 72819
Ion Ratio Lower Upper
95 100
97 64.3 46.1 85.5
132 99.0 67.3 125.1
130 103.9 71.2 132.2



#35
Methylcyclohexane
Concen: 5.686 ug/L
RT: 6.117 min Scan# 1579
Delta R.T. -0.013 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 83 Resp: 110817
Ion Ratio Lower Upper
83 100
55 79.0 66.0 99.0
98 47.2 36.9 55.3

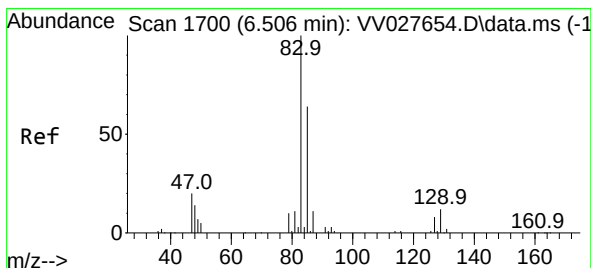
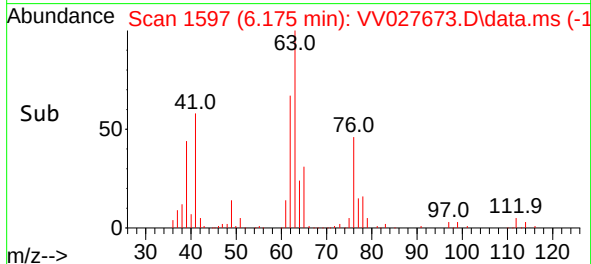
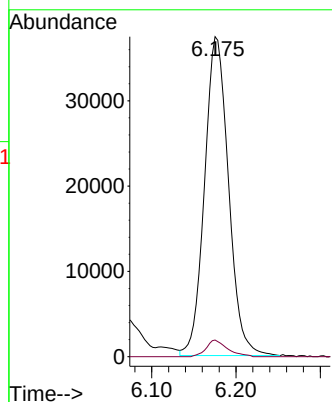
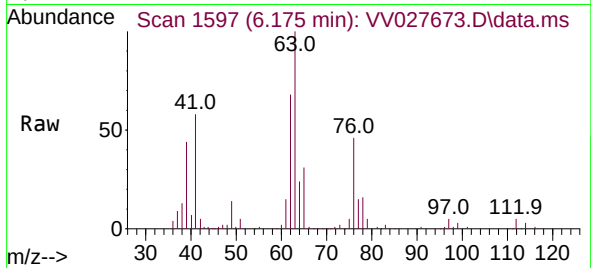




#37
1,2-Dichloropropane
Concen: 5.735 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

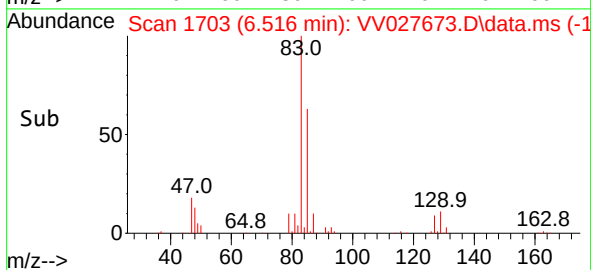
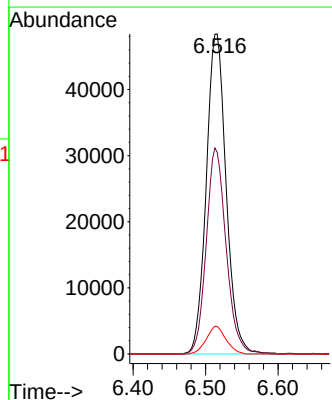
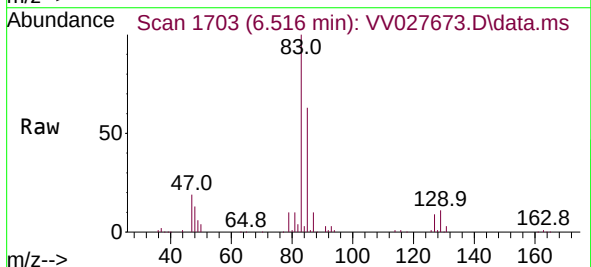
Instrument :
MSVOA_V
ClientSampleId :

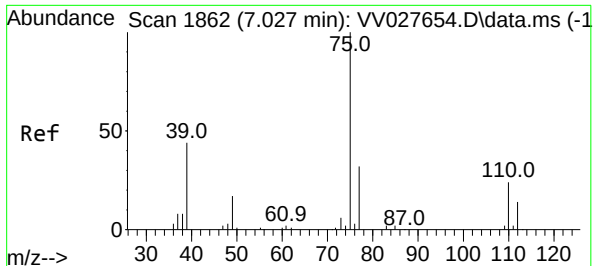
Tgt Ion: 63 Resp: 73994
Ion Ratio Lower Upper
63 100
112 4.6 2.9 4.3#



#38
Bromodichloromethane
Concen: 5.650 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.010 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 83 Resp: 92198
Ion Ratio Lower Upper
83 100
85 63.1 45.2 84.0
127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.352 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

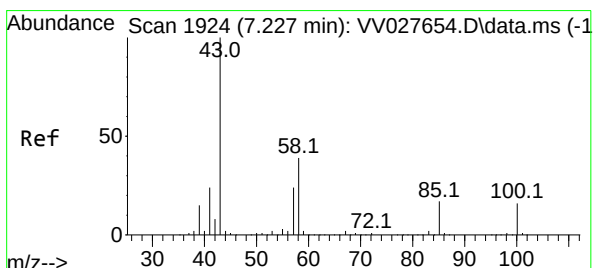
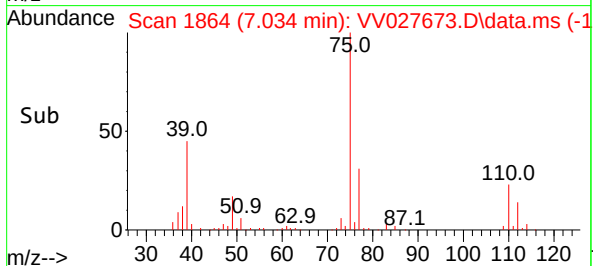
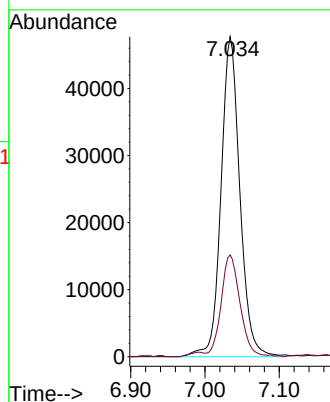
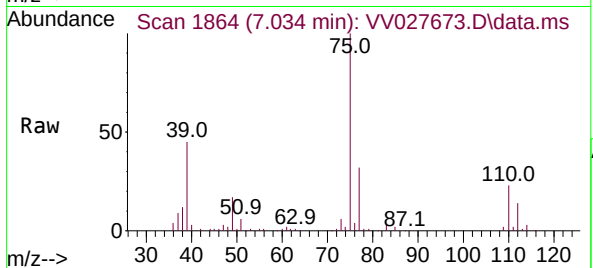
ClientSampleId :

Tgt Ion: 75 Resp: 84291

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.094 ug/L

RT: 7.256 min Scan# 1933

Delta R.T. 0.029 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

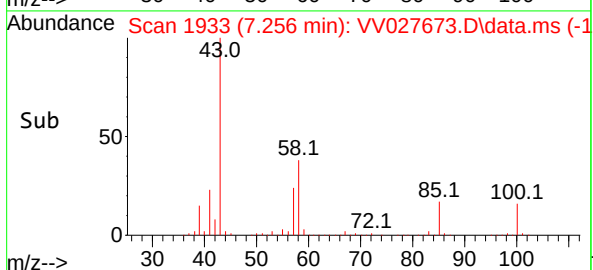
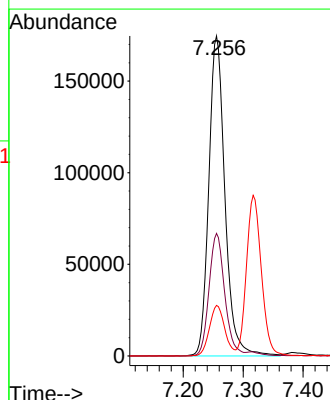
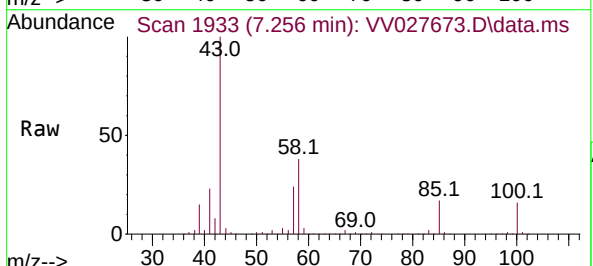
Tgt Ion: 43 Resp: 327379

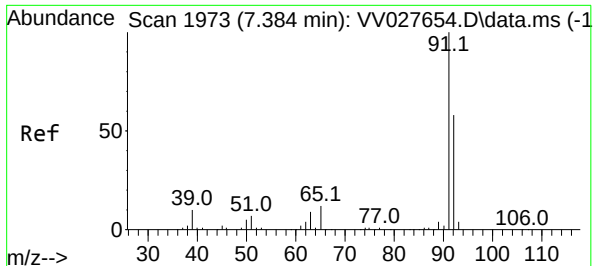
Ion Ratio Lower Upper

43 100

58 37.3 31.4 47.0

100 15.2 10.5 15.7





#42

Toluene

Concen: 6.097 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

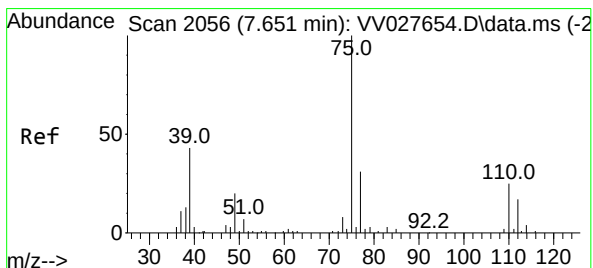
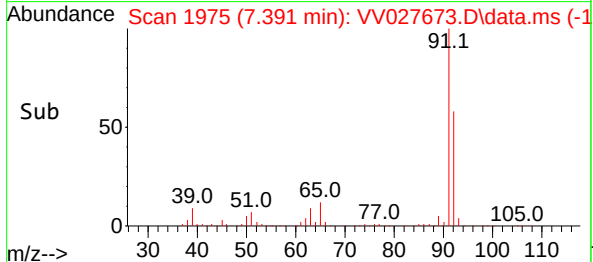
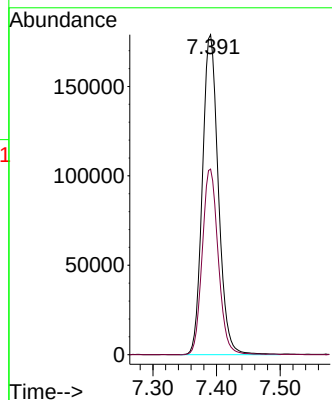
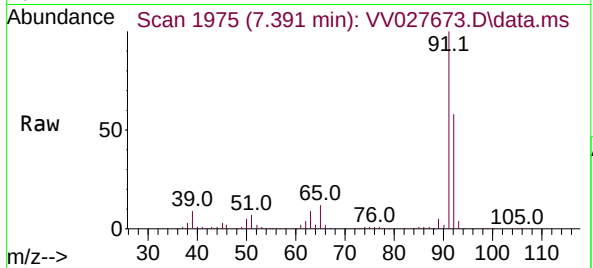
ClientSampleId :

Tgt Ion: 91 Resp: 311076

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.557 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV027673.D

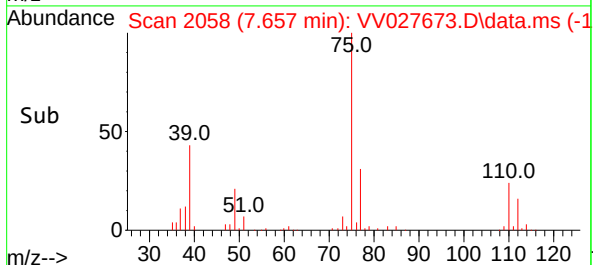
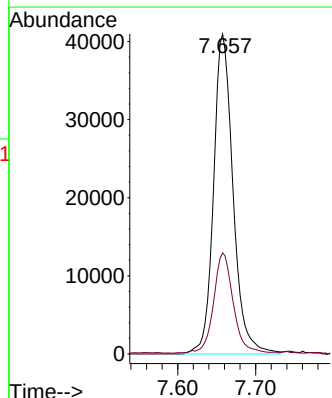
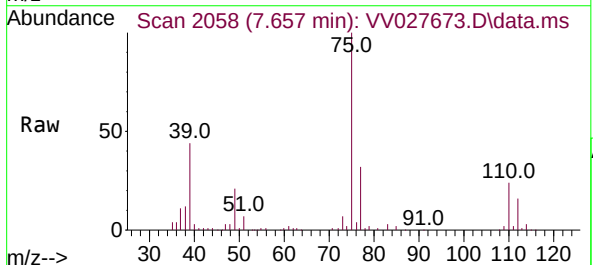
Acq: 01 Sep 2022 16:48

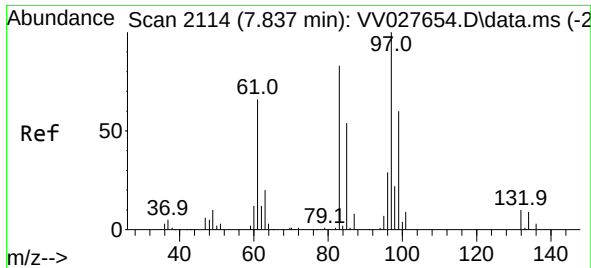
Tgt Ion: 75 Resp: 71332

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0

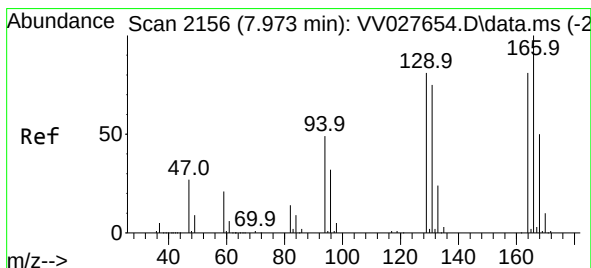
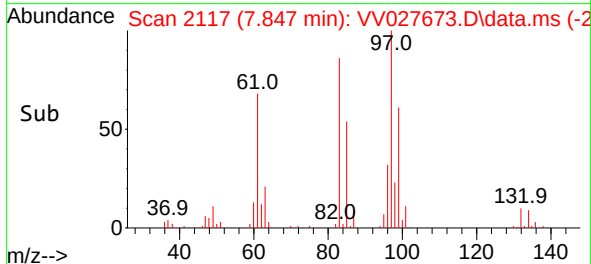
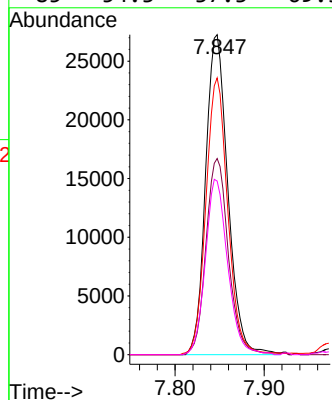
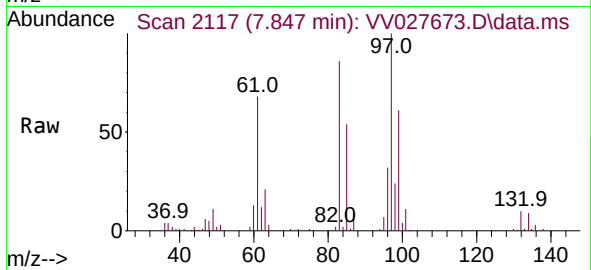




#45
1,1,2-Trichloroethane
Concen: 5.685 ug/L
RT: 7.847 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

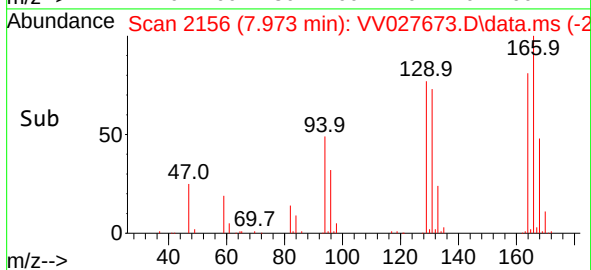
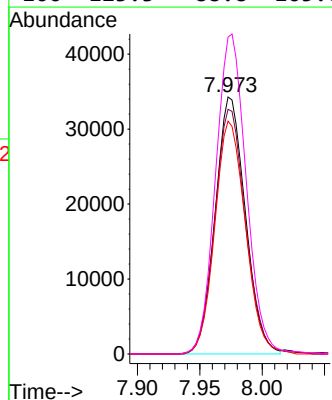
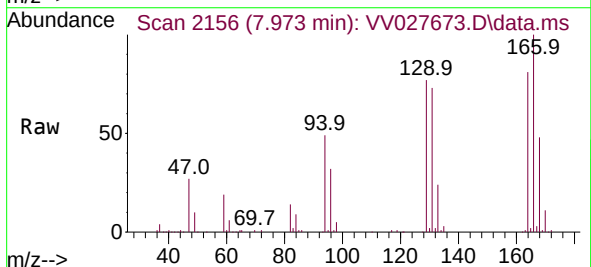
Instrument :
MSVOA_V
ClientSampleId :

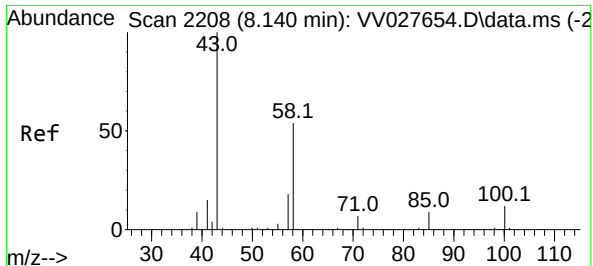
Tgt Ion: 97	Resp: 47308
Ion Ratio	Lower Upper
97 100	
99 61.3	41.3 76.7
83 86.5	57.5 106.9
85 54.3	37.3 69.3



#47
Tetrachloroethene
Concen: 5.675 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

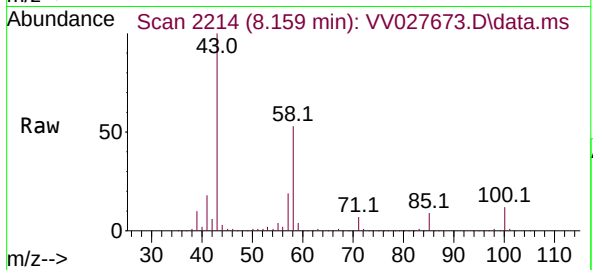
Tgt	Ion:164	Resp:	57796
Ion	Ratio	Lower	Upper
164	100		
129	95.1	65.9	122.3
131	90.6	64.5	119.7
166	123.3	88.8	165.0



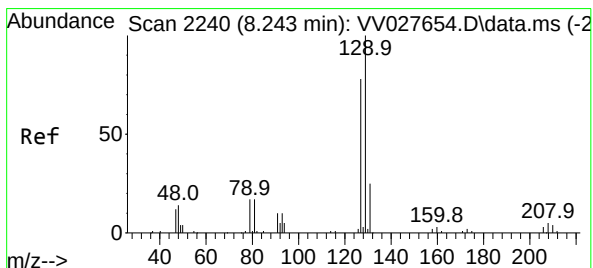
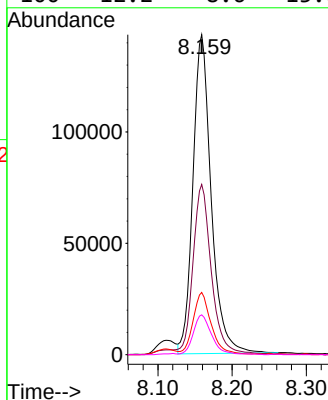
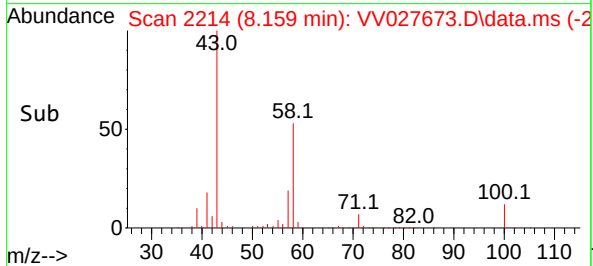


#48
2-Hexanone
Concen: 57.083 ug/L
RT: 8.159 min Scan# 211
Delta R.T. 0.019 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

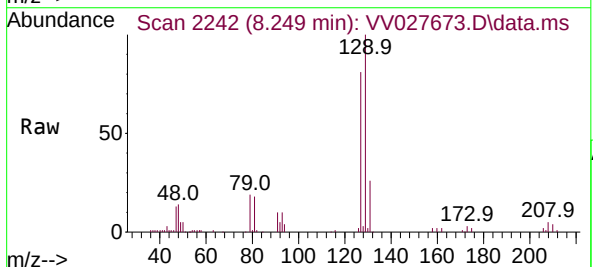
Instrument :
MSVOA_V
ClientSampleId :



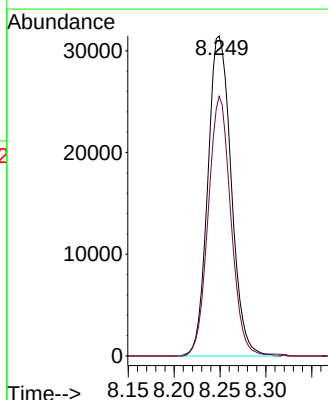
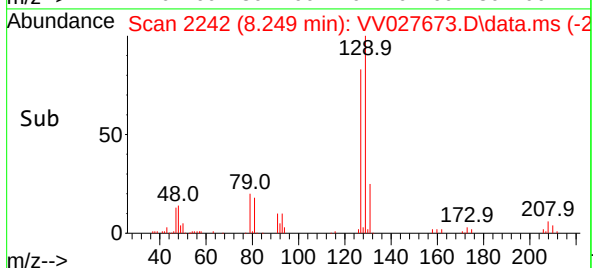
Tgt Ion: 43 Resp: 245639
Ion Ratio Lower Upper
43 100
58 53.5 42.1 63.1
57 19.0 14.5 21.7
100 12.2 8.6 13.0

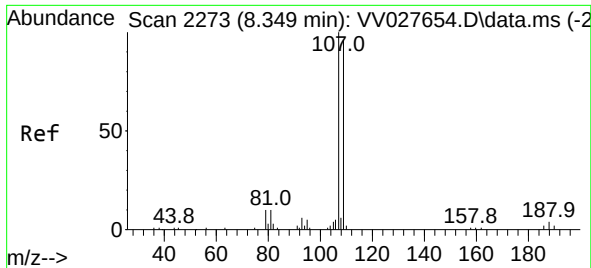


#49
Dibromochloromethane
Concen: 5.663 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48



Tgt Ion: 129 Resp: 55843
Ion Ratio Lower Upper
129 100
127 81.2 52.4 97.4

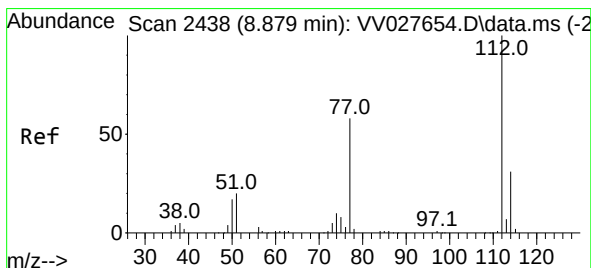
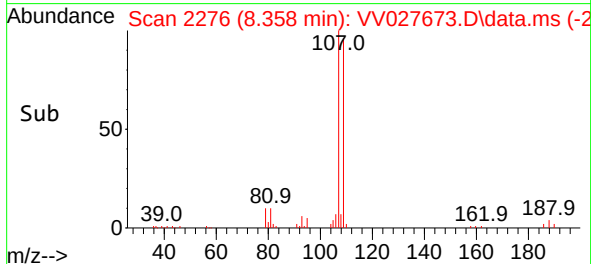
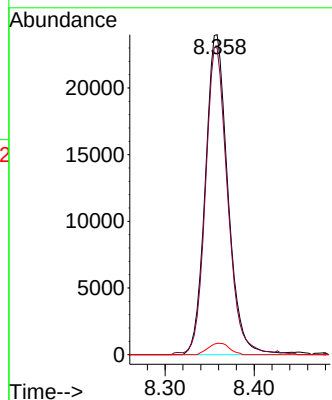
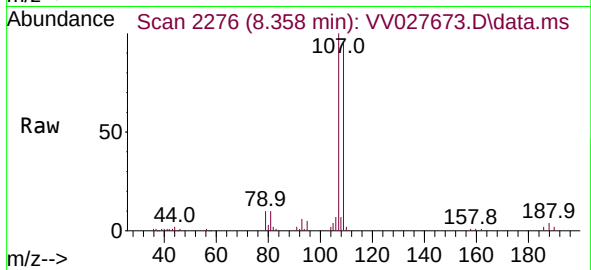




#50
1,2-Dibromoethane
Concen: 5.647 ug/L
RT: 8.358 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

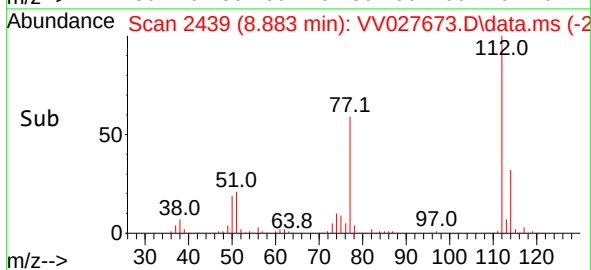
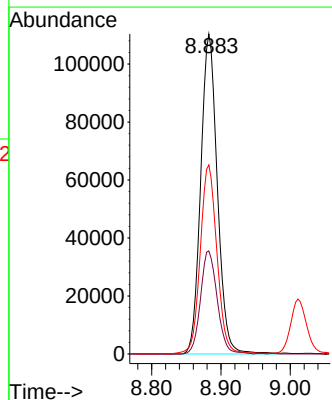
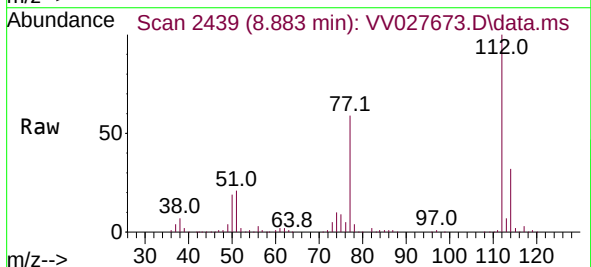
Instrument :
MSVOA_V
ClientSampleId :

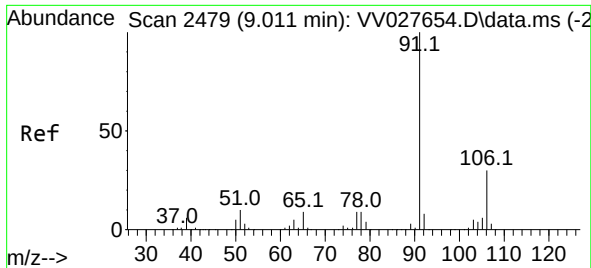
Tgt Ion:107 Resp: 42094
Ion Ratio Lower Upper
107 100
109 95.9 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 5.718 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion:112 Resp: 183918
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 59.1 48.5 72.7

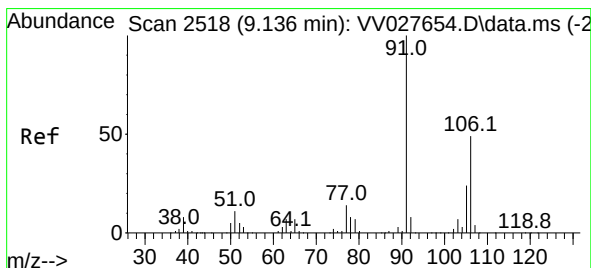
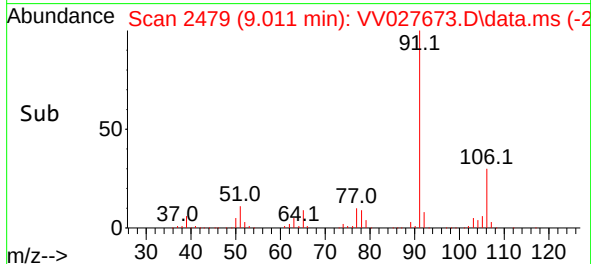
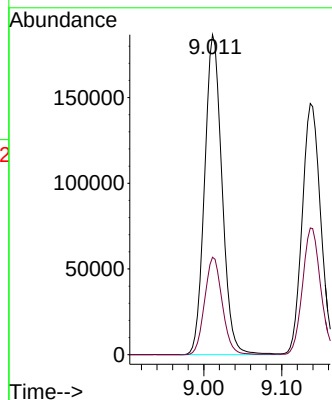
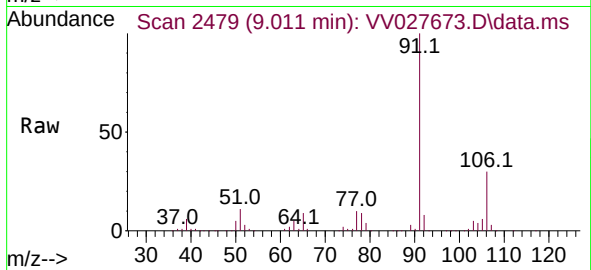




#52
Ethylbenzene
Concen: 5.616 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

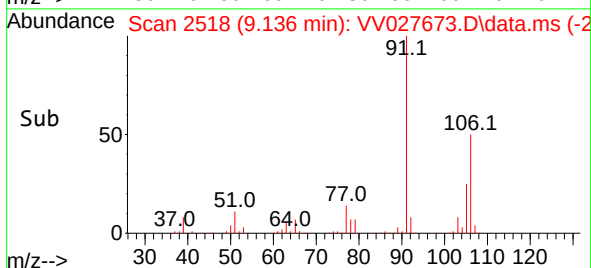
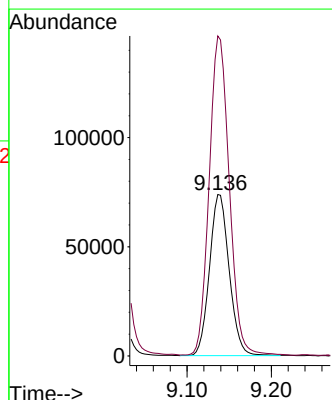
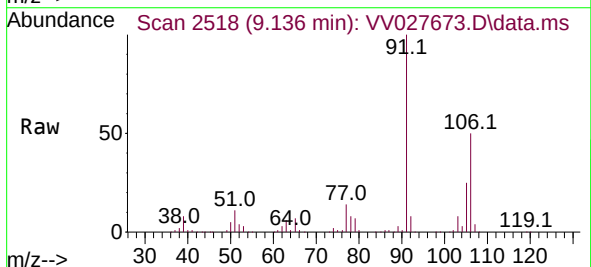
Instrument :
MSVOA_V
ClientSampleId :

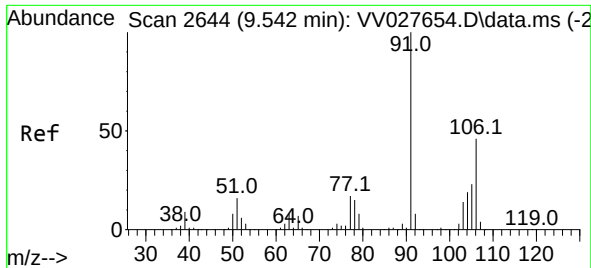
Tgt Ion: 91 Resp: 290308
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 6.028 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 106 Resp: 119789
Ion Ratio Lower Upper
106 100
91 198.3 147.3 273.5

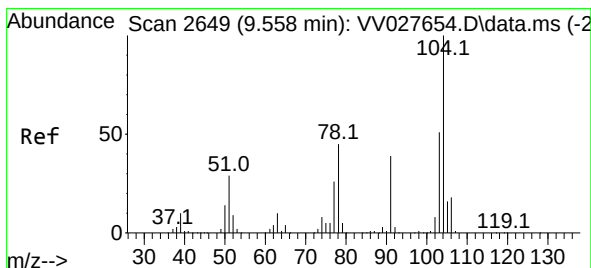
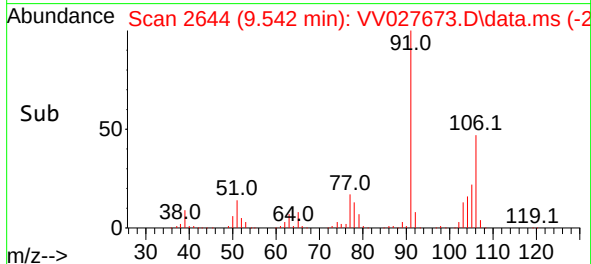
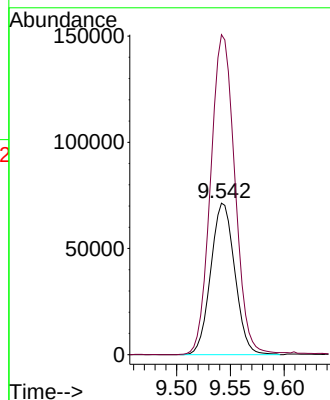
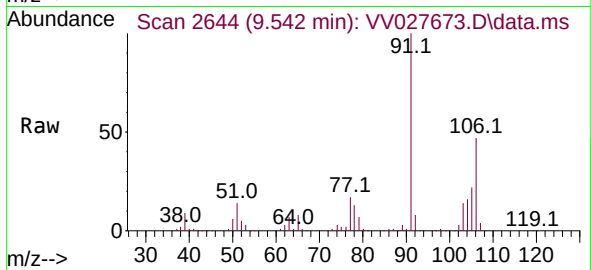




#54
o-Xylene
Concen: 5.857 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

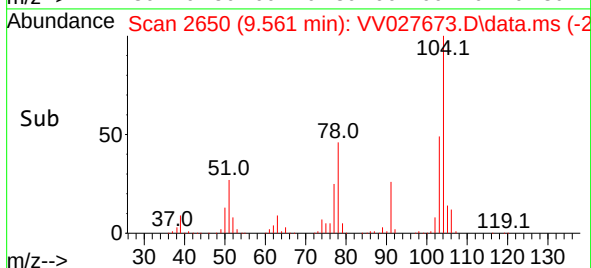
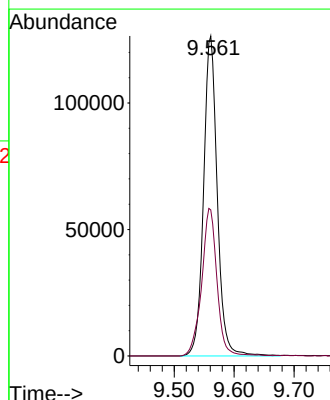
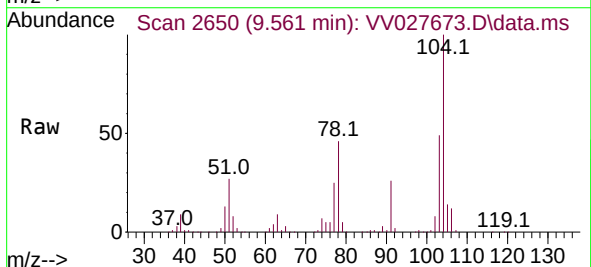
Instrument :
MSVOA_V
ClientSampleId :

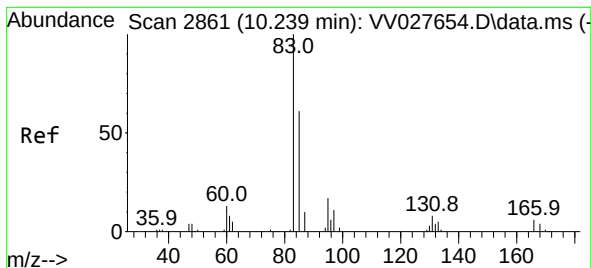
Tgt Ion:106 Resp: 111058
Ion Ratio Lower Upper
106 100
91 211.3 152.9 284.1



#55
Styrene
Concen: 6.234 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion:104 Resp: 201878
Ion Ratio Lower Upper
104 100
78 45.7 31.1 57.7

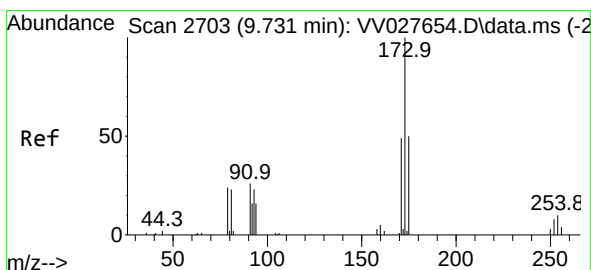
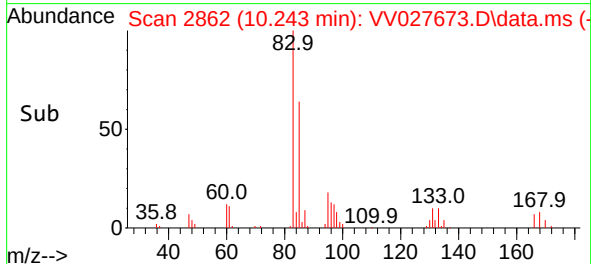
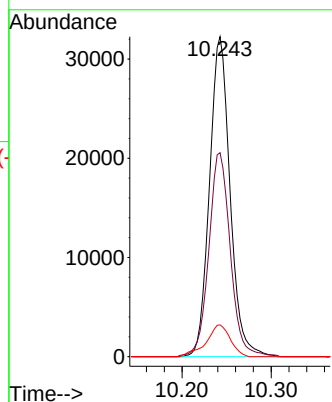
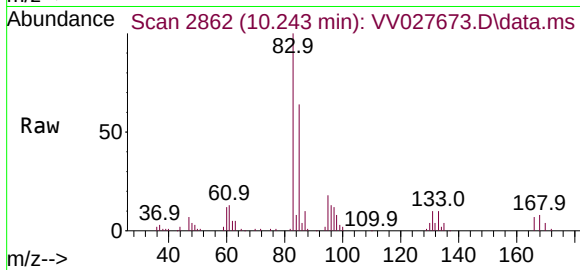




#57
1,1,2,2-Tetrachloroethane
Concen: 5.616 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

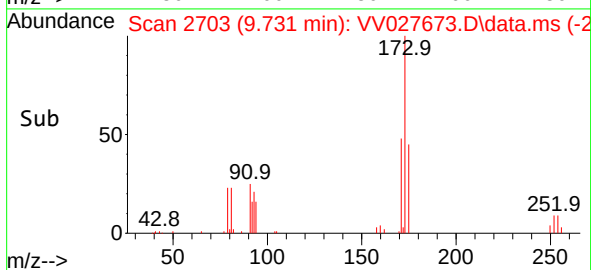
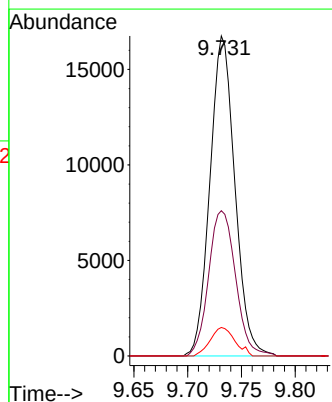
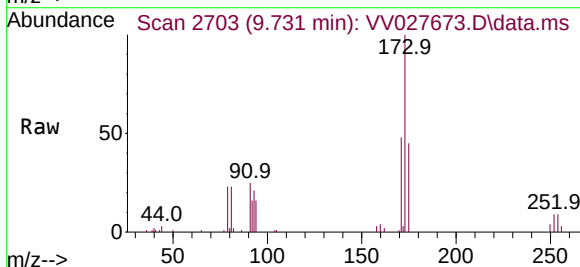
Instrument :
MSVOA_V
ClientSampleId :

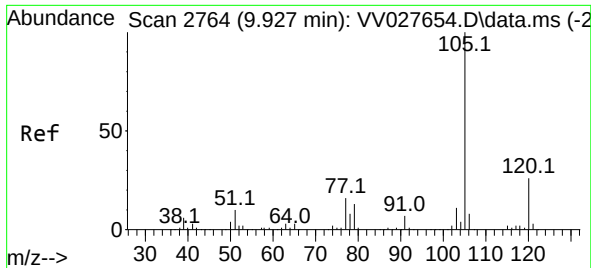
Tgt Ion: 83 Resp: 51673
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.8
131 10.0 8.0 12.0



#59
Bromoform
Concen: 5.148 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 173 Resp: 27047
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 8.8 7.0 10.4

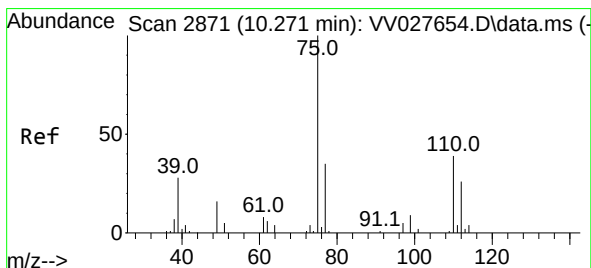
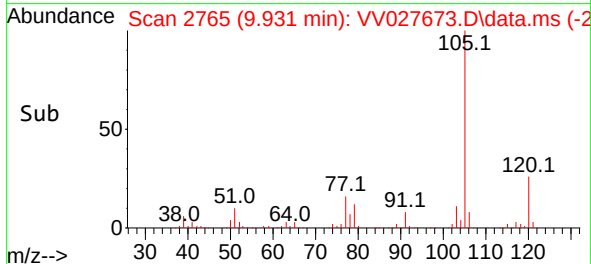
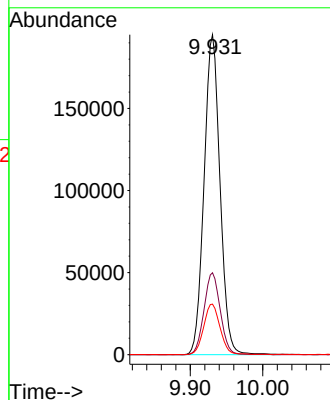
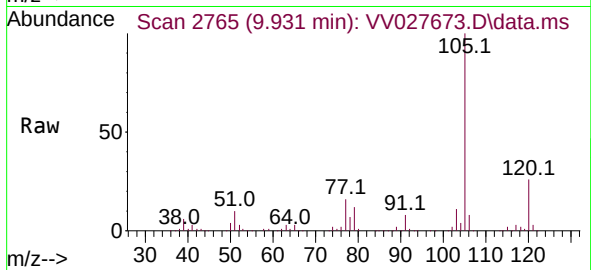




#60
Isopropylbenzene
Concen: 5.314 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

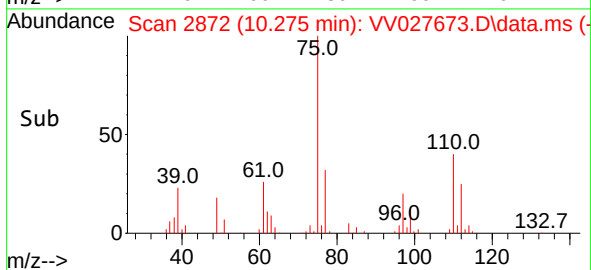
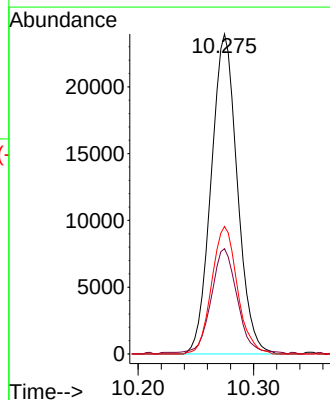
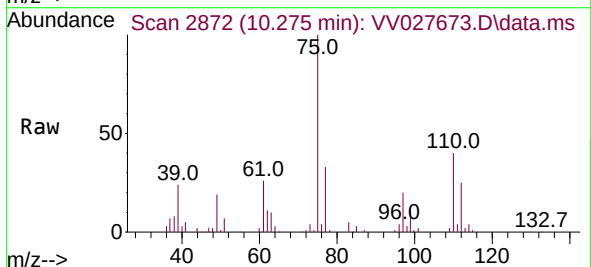
Instrument :
MSVOA_V
ClientSampleId :

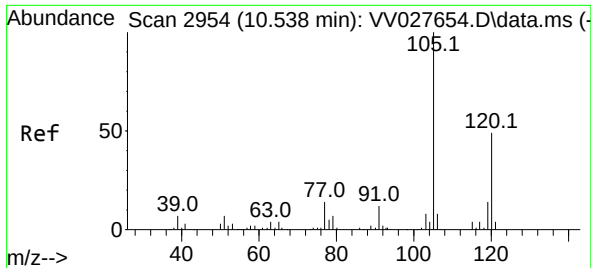
Tgt Ion:105 Resp: 297500
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion: 75 Resp: 37699
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
110 39.1 29.8 44.8

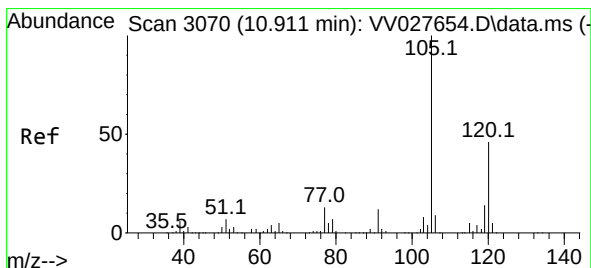
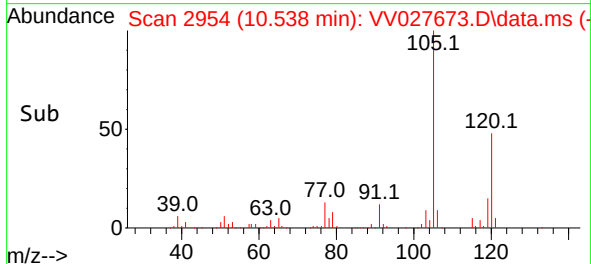
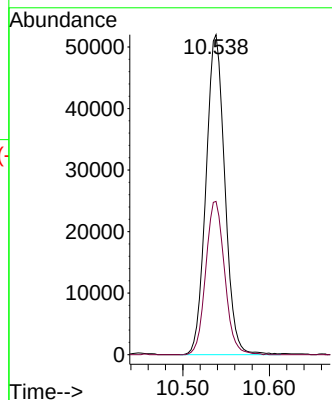
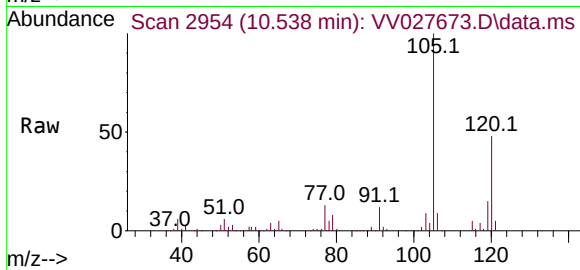




#62
 1,3,5-Trimethylbenzene
 Concen: 5.153 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

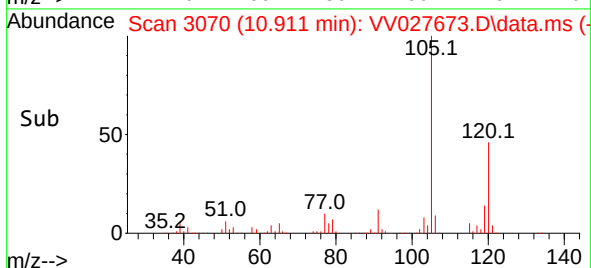
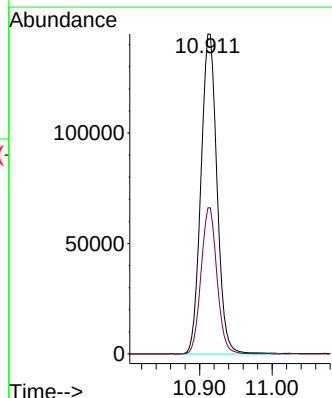
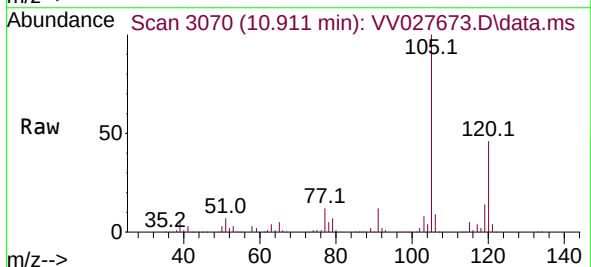
Instrument :
 MSVOA_V
 ClientSampleId :

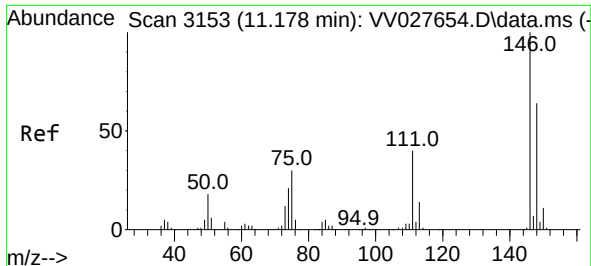
Tgt Ion:105 Resp: 78714
 Ion Ratio Lower Upper
 105 100
 120 48.0 40.4 60.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.075 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Tgt Ion:105 Resp: 222895
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.1 54.1

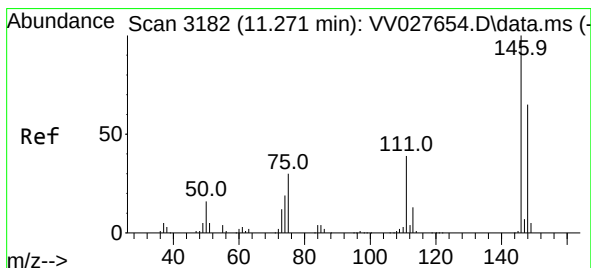
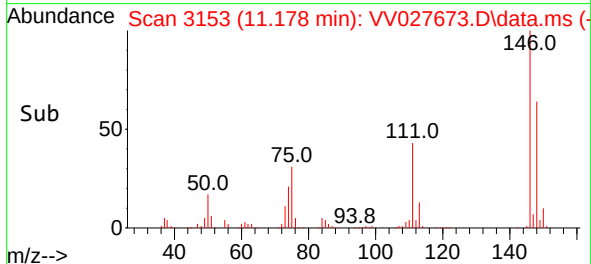
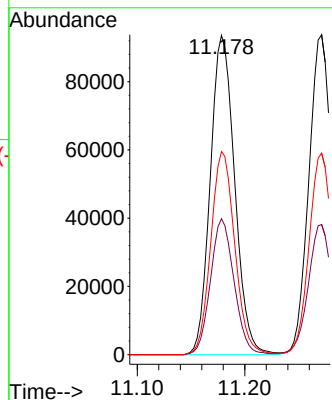
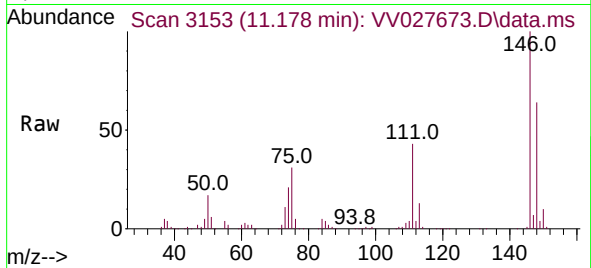




#64
1,3-Dichlorobenzene
Concen: 5.458 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

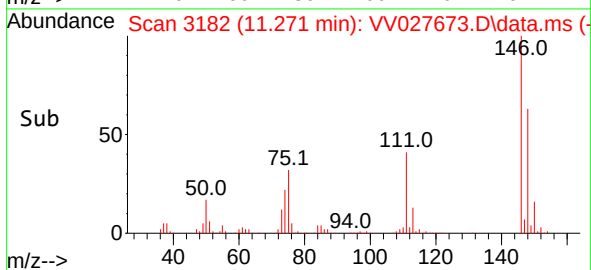
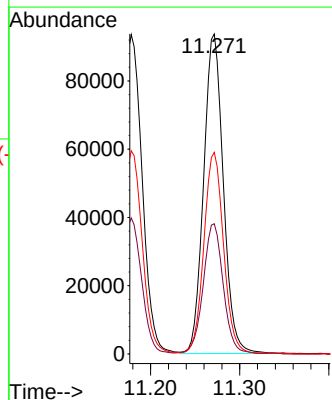
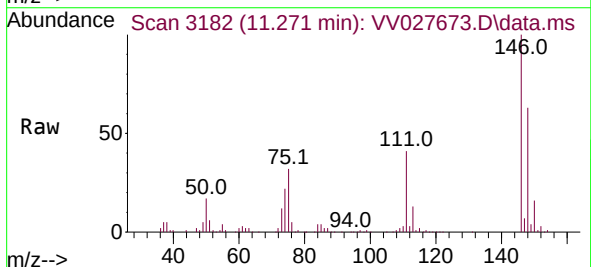
Instrument :
MSVOA_V
ClientSampleId :

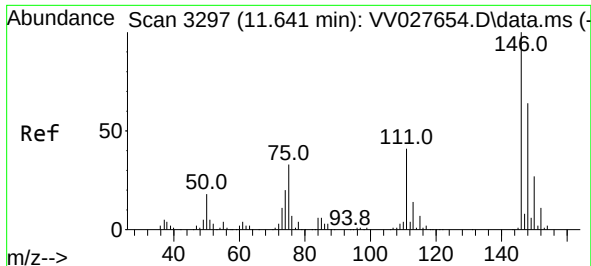
Tgt Ion:146 Resp: 147443
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.8
148 63.6 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 5.355 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027673.D
Acq: 01 Sep 2022 16:48

Tgt Ion:146 Resp: 143835
Ion Ratio Lower Upper
146 100
111 40.7 27.5 51.1
148 63.0 45.4 84.4

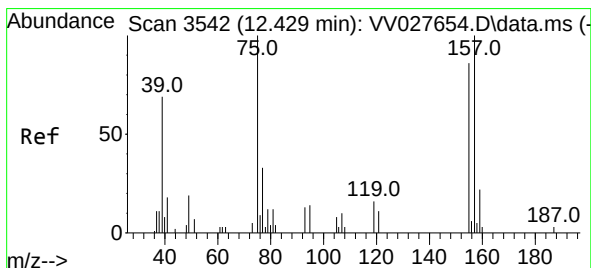
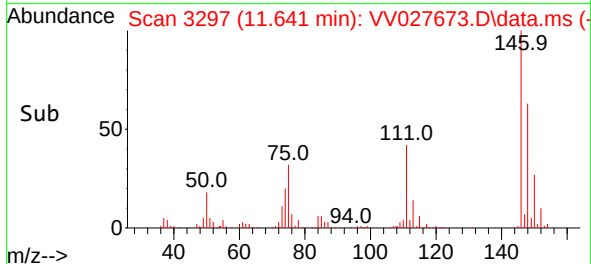
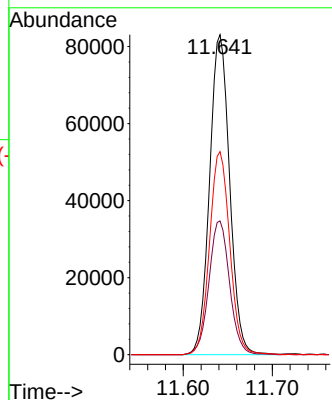
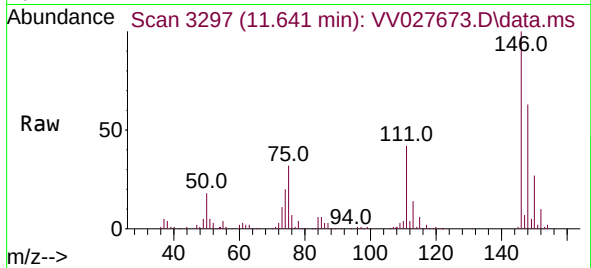




#67
 1,2-Dichlorobenzene
 Concen: 5.364 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

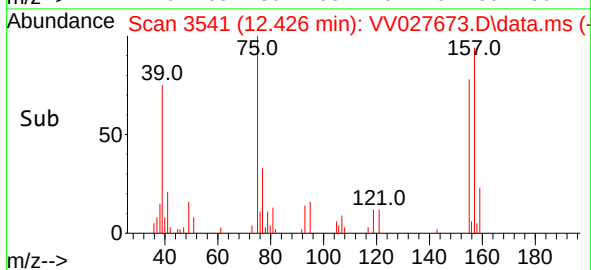
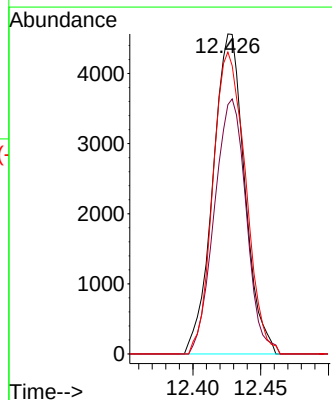
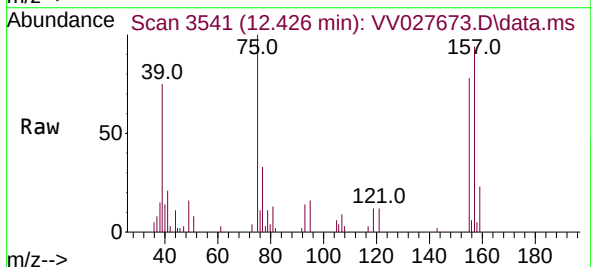
Instrument :
 MSVOA_V
 ClientSampleId :

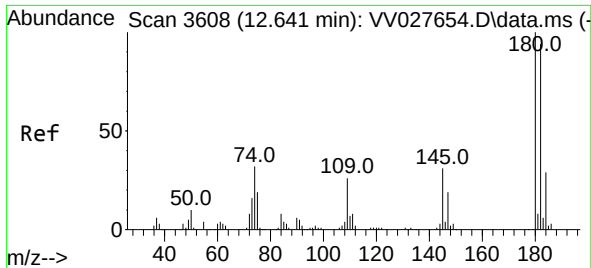
Tgt Ion:146 Resp: 129966
 Ion Ratio Lower Upper
 146 100
 111 41.8 34.2 51.2
 148 63.5 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.992 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VV027673.D
 Acq: 01 Sep 2022 16:48

Tgt Ion: 75 Resp: 7440
 Ion Ratio Lower Upper
 75 100
 155 77.9 56.4 84.6
 157 94.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 5.035 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

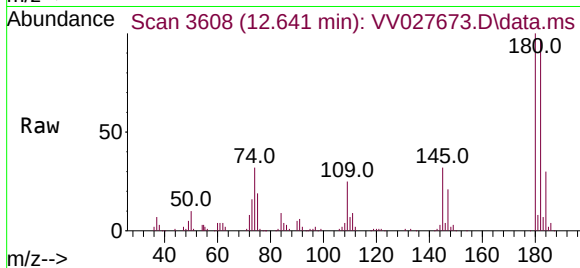
Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 98066

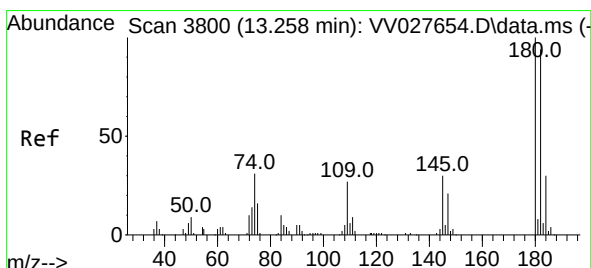
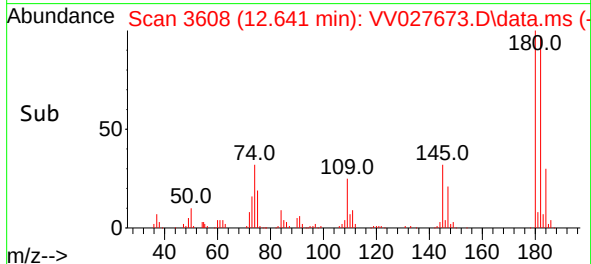
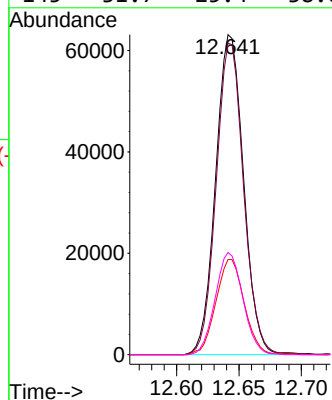
Ion Ratio Lower Upper

180 100

182 96.0 74.6 112.0

184 30.3 23.5 35.3

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.920 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

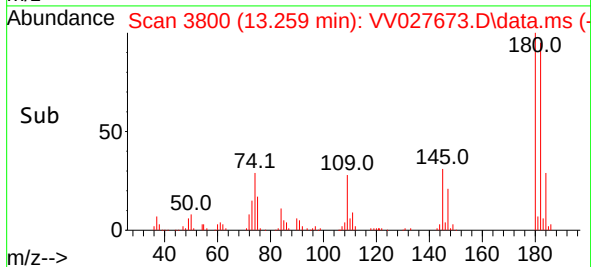
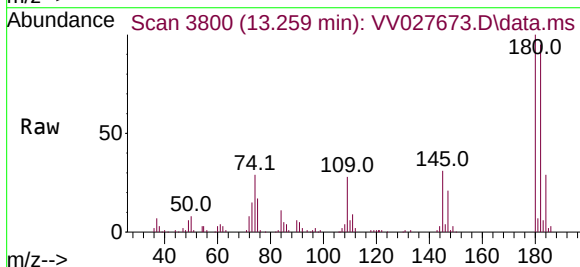
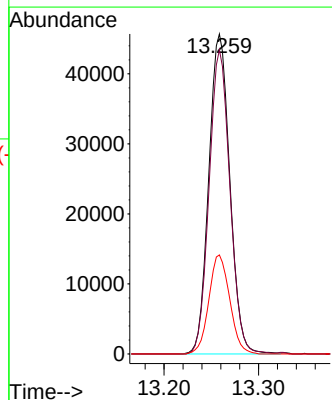
Tgt Ion:180 Resp: 70638

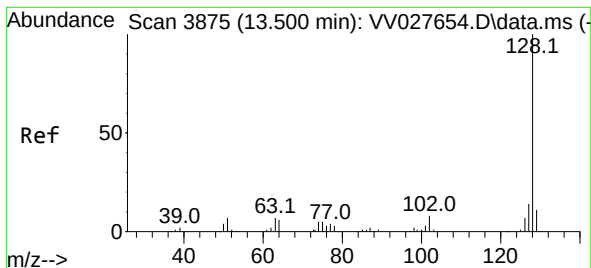
Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.8

145 30.7 24.6 37.0





#71

Naphthalene

Concen: 3.912 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

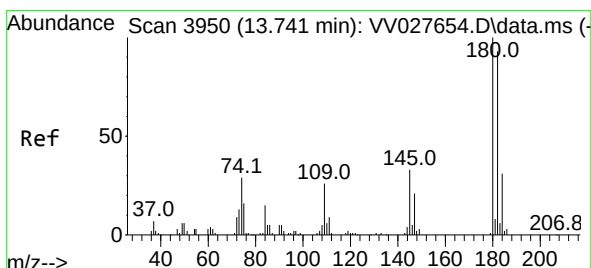
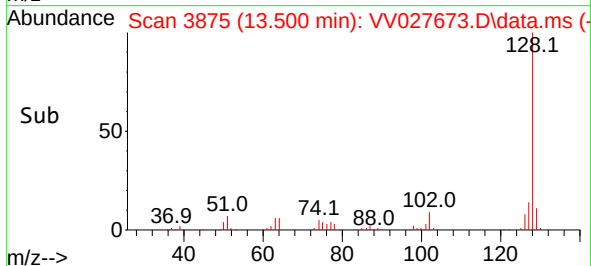
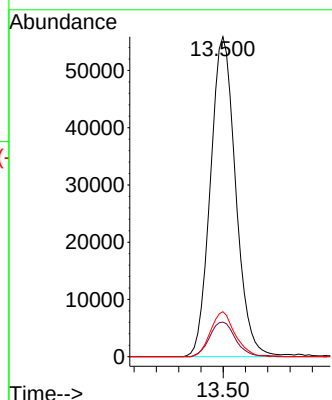
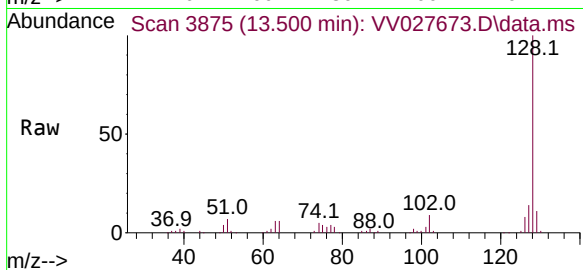
Tgt Ion:128 Resp: 87897

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.6 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 4.830 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027673.D

Acq: 01 Sep 2022 16:48

Tgt Ion:180 Resp: 62462

Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

145 33.4 27.4 41.0

