

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027480.D
 Acq On : 23 Aug 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Aug 24 02:03:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	130076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36098	3.899	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.564	69	38538	5.688	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.800%	
11) 1,1-Dichloroethene-d2	2.105	63	102748	4.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	3.892	46	50263	43.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.260%	
24) Chloroform-d	4.342	84	82292	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.031	65	35189	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.043	84	148500	4.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.066	67	41938	3.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.800%	
41) Toluene-d8	7.313	98	143083	4.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.619	79	15651	4.351	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.088	63	48882	41.280	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30077	4.495	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	42879	4.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	70264	5.091	ug/L	98
3) Chloromethane	1.240	50	59606	4.945	ug/L	97
5) Vinyl chloride	1.310	62	59721	4.922	ug/L	99
6) Bromomethane	1.519	94	38626	6.438	ug/L	99
8) Chloroethane	1.584	64	47749	6.734	ug/L	98
9) Trichlorofluoromethane	1.751	101	106879	5.545	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60584	5.568	ug/L	95
12) 1,1-Dichloroethene	2.114	96	52996	5.385	ug/L	96
13) Acetone	2.179	43	67818	61.639	ug/L	97
14) Carbon disulfide	2.291	76	129970	4.812	ug/L	100
15) Methyl Acetate	2.433	43	12475	4.094	ug/L #	86
16) Methylene chloride	2.503	84	55944	3.770	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	98041	4.815	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	53165	5.243	ug/L	98
19) 1,1-Dichloroethane	3.182	63	103884	4.949	ug/L	99
21) 2-Butanone	3.973	43	71924	49.120	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	52850	4.891	ug/L	99
23) Bromochloromethane	4.243	128	23982	5.033	ug/L	89
25) Chloroform	4.368	83	114451	5.014	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027480.D
 Acq On : 23 Aug 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

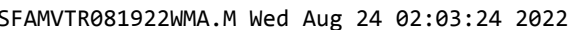
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

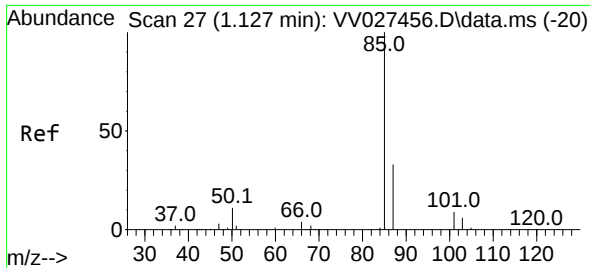
Quant Time: Aug 24 02:03:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60080	5.181	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	100353	5.011	ug/L	100
30) Cyclohexane	4.670	56	70808	4.606	ug/L	98
31) Carbon tetrachloride	4.822	117	88345	5.073	ug/L	100
33) Benzene	5.095	78	219795	5.067	ug/L	100
34) Trichloroethene	5.908	95	56772	4.973	ug/L	99
35) Methylcyclohexane	6.127	83	76914	4.791	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55357	4.787	ug/L	100
38) Bromodichloromethane	6.506	83	75909	5.177	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	67586	4.847	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	255311	49.411	ug/L	97
42) Toluene	7.384	91	241699	5.398	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	58716	4.981	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	38389	5.193	ug/L	95
47) Tetrachloroethene	7.973	164	43759	4.921	ug/L	97
48) 2-Hexanone	8.137	43	183639	49.322	ug/L	97
49) Dibromochloromethane	8.243	129	48046	5.284	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33280	5.157	ug/L #	94
51) Chlorobenzene	8.879	112	145952	5.037	ug/L	97
52) Ethylbenzene	9.008	91	230352	5.040	ug/L	100
53) m,p-Xylene	9.137	106	92216	5.273	ug/L	96
54) o-Xylene	9.542	106	86429	5.095	ug/L	97
55) Styrene	9.558	104	156331	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	43220	5.190	ug/L	98
59) Bromoform	9.728	173	25254	5.342	ug/L	99
60) Isopropylbenzene	9.927	105	235049	5.064	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30270	4.891	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	62176	4.831	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	174480	4.812	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	118420	5.178	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	115511	5.067	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105455	5.086	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6316	4.594	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	83753	4.906	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	61608	4.966	ug/L	100
71) Naphthalene	13.500	128	75710	4.421	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55232	5.013	ug/L	100

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

Quant Time: Aug 24 02:03:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration

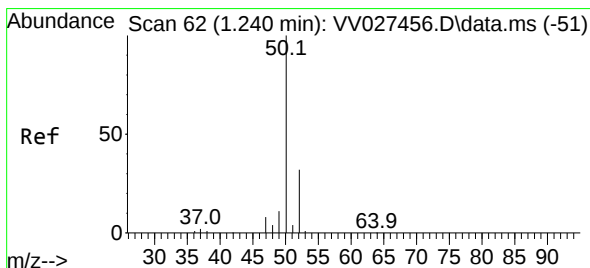
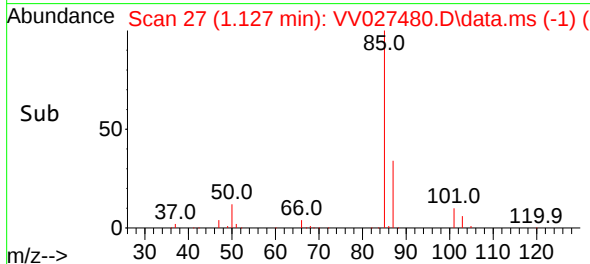
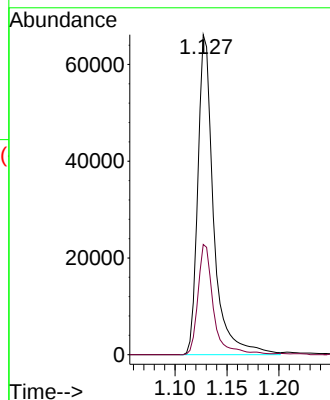
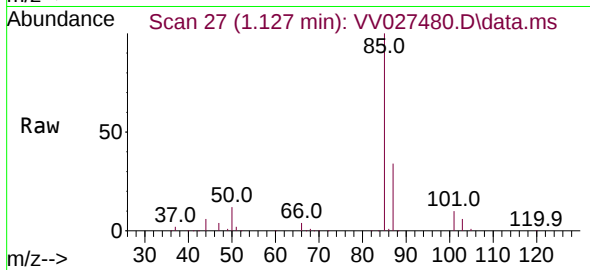




#2
 Dichlorodifluoromethane
 Concen: 5.091 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

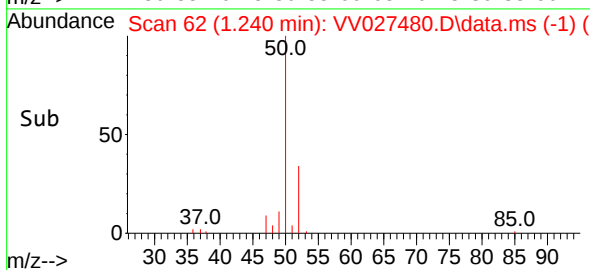
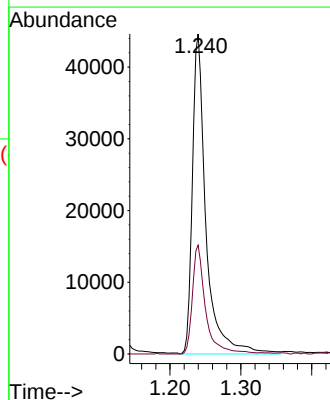
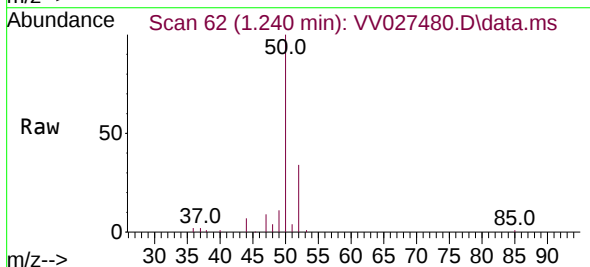
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

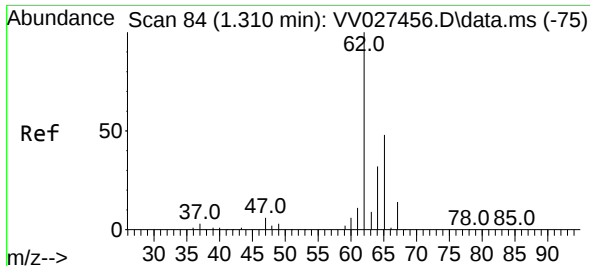
Tgt Ion: 85 Resp: 70264
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.945 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

Tgt Ion: 50 Resp: 59606
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.8 42.4

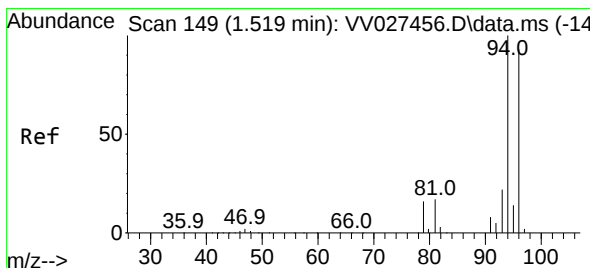
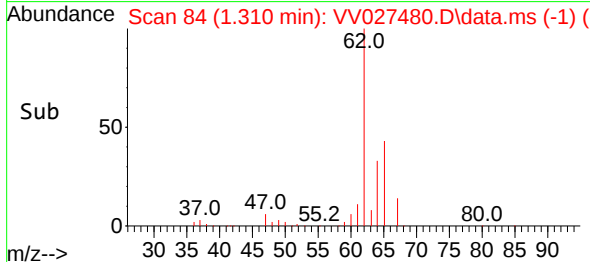
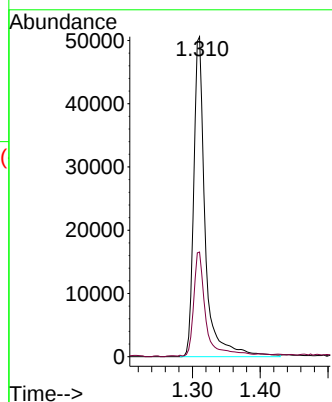
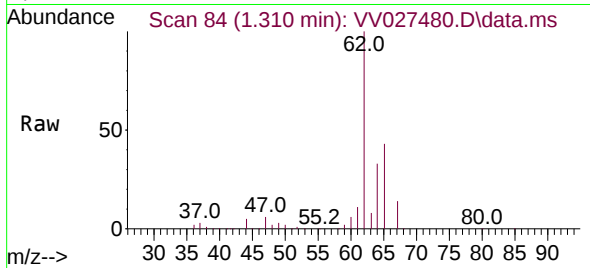




#5
 Vinyl chloride
 Concen: 4.922 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

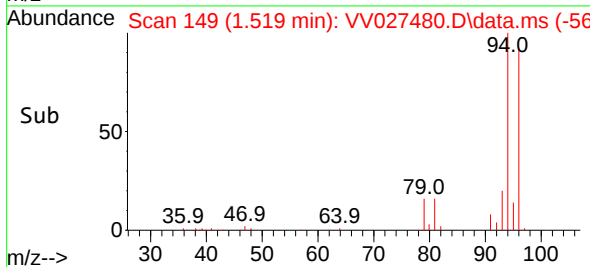
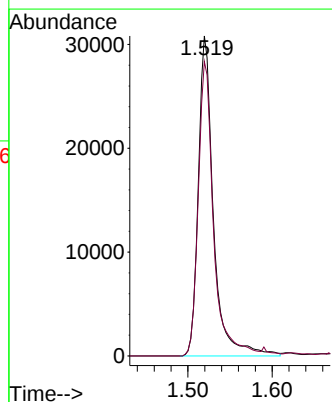
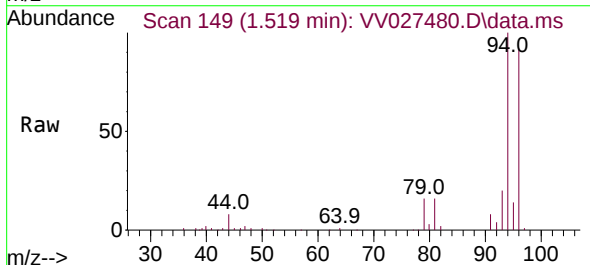
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

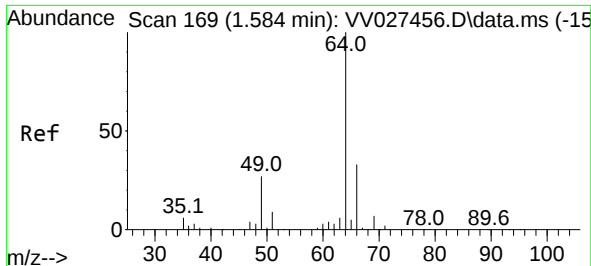
Tgt Ion: 62 Resp: 59721
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 6.438 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

Tgt Ion: 94 Resp: 38626
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.2 121.0

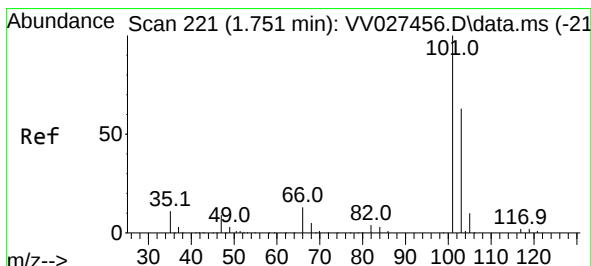
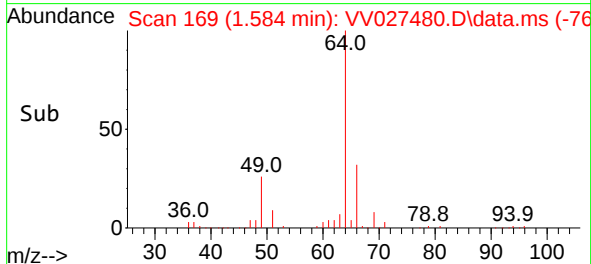
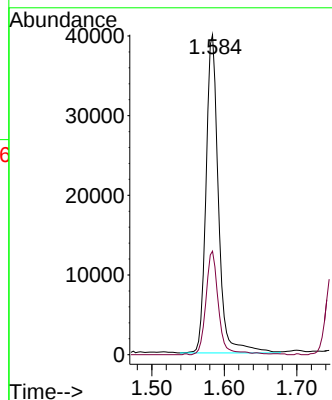
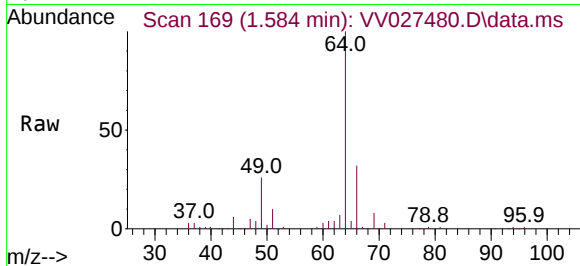




#8
Chloroethane
Concen: 6.734 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

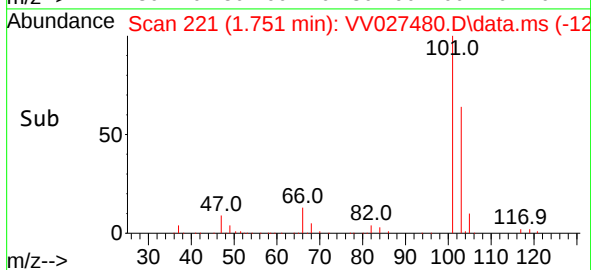
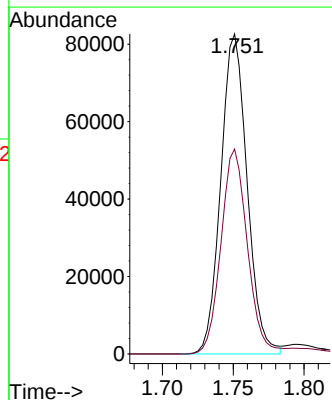
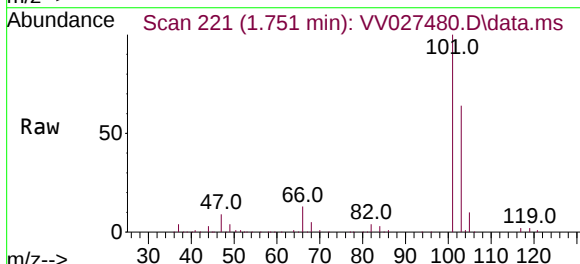
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

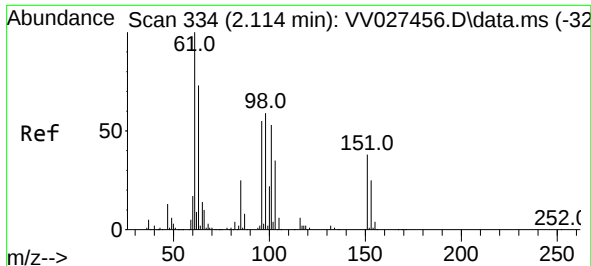
Tgt Ion: 64 Resp: 47749
Ion Ratio Lower Upper
64 100
66 32.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.545 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion:101 Resp: 106879
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

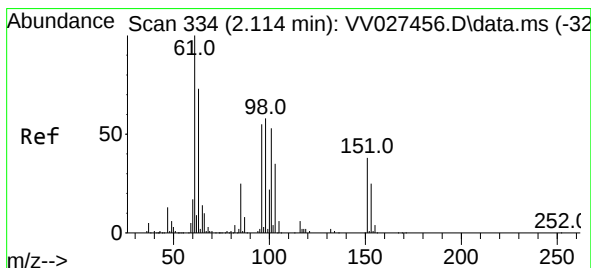
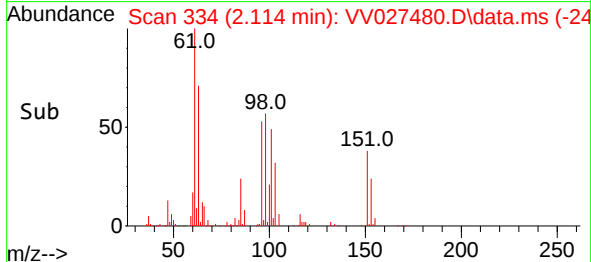
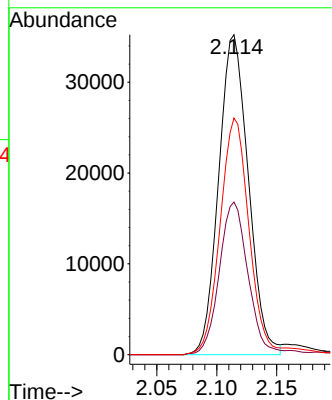
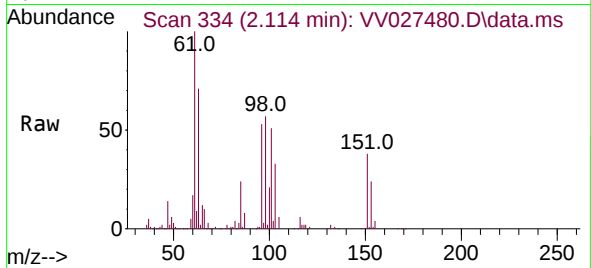




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.568 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

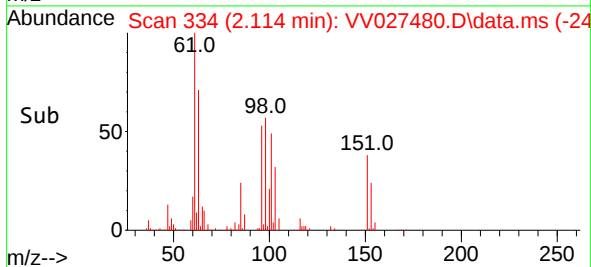
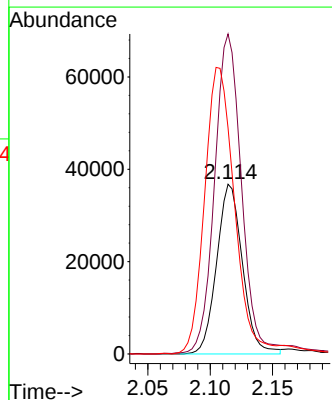
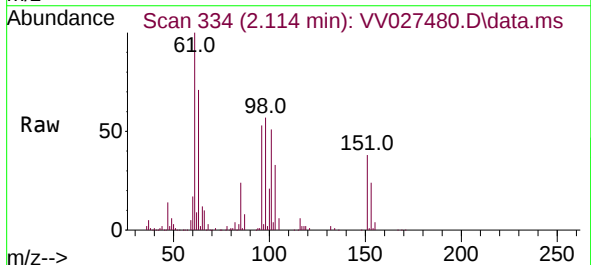
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

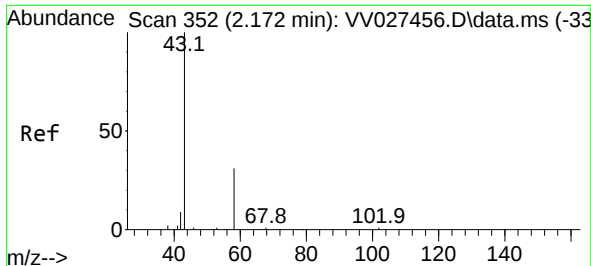
Tgt Ion:101 Resp: 60584
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.3 52.9
 151 73.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.385 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

Tgt Ion: 96 Resp: 52996
 Ion Ratio Lower Upper
 96 100
 61 188.4 130.2 241.8
 63 133.1 87.4 162.4





#13

Acetone

Concen: 61.639 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

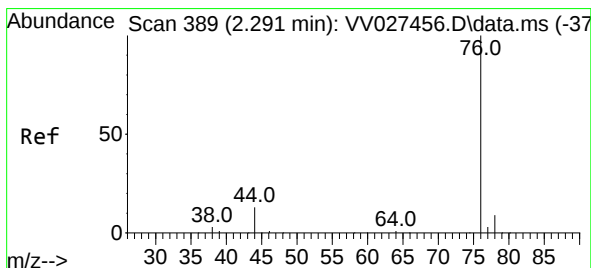
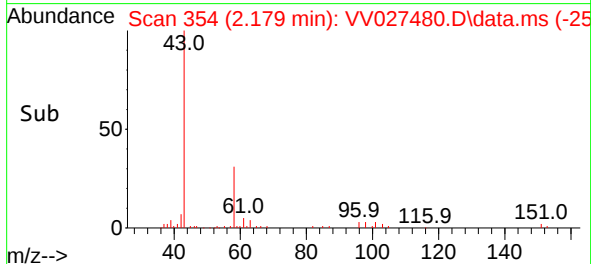
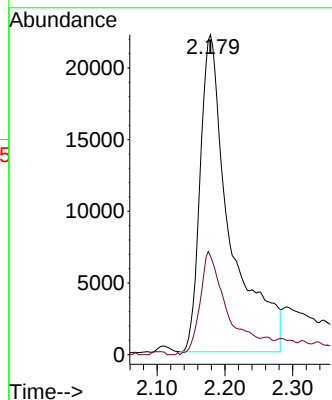
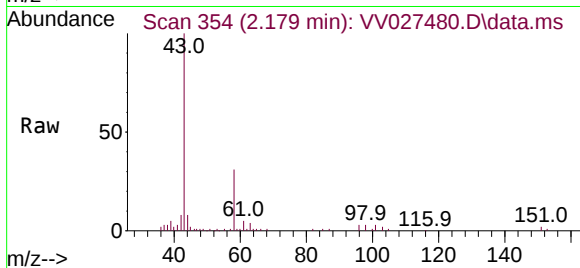
VSTD005380

Tgt Ion: 43 Resp: 67818

Ion Ratio Lower Upper

43 100

58 29.4 0.0 62.2



#14

Carbon disulfide

Concen: 4.812 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV027480.D

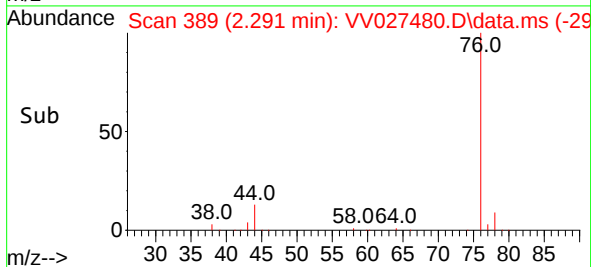
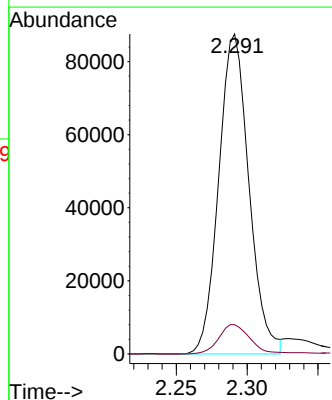
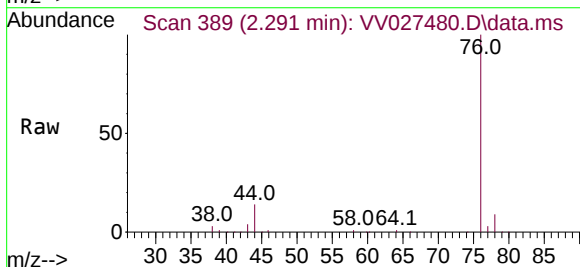
Acq: 23 Aug 2022 09:54

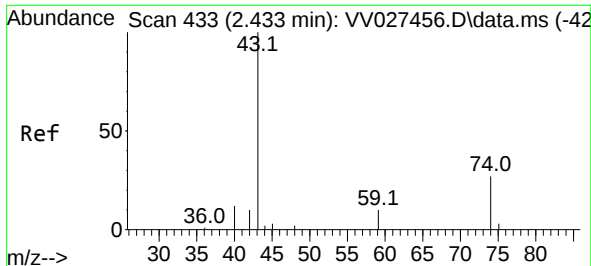
Tgt Ion: 76 Resp: 129970

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

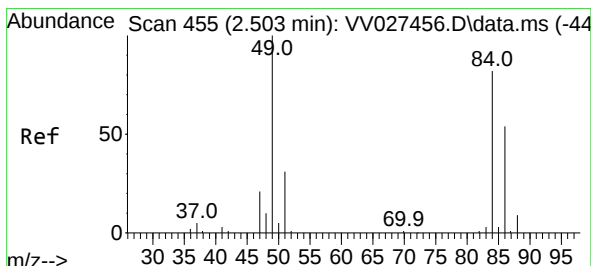
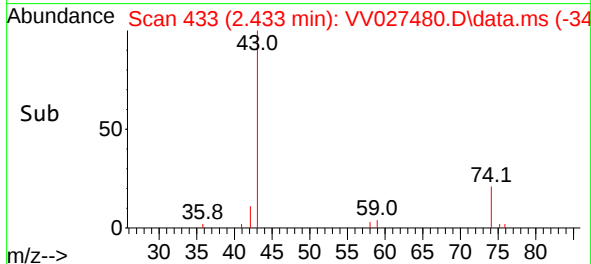
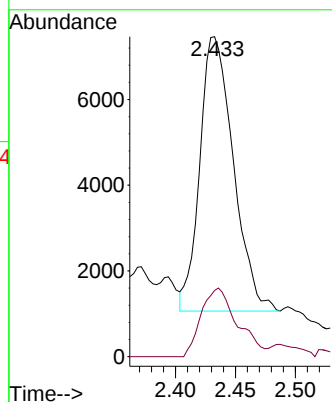
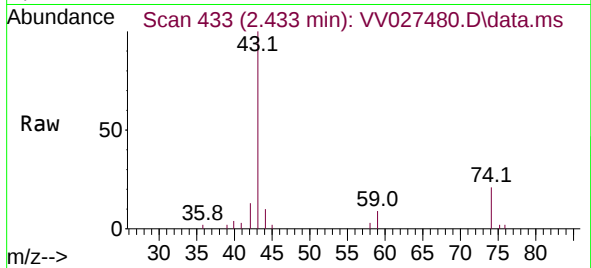




#15
Methyl Acetate
Concen: 4.094 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

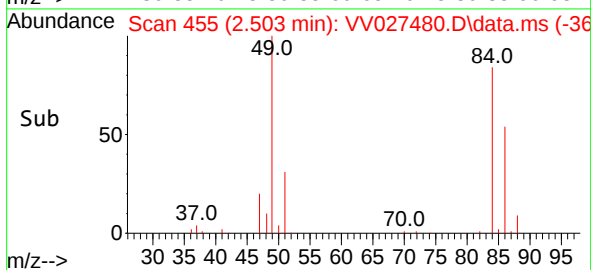
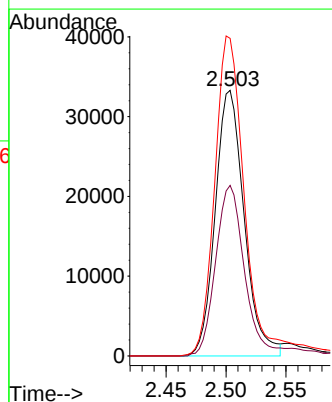
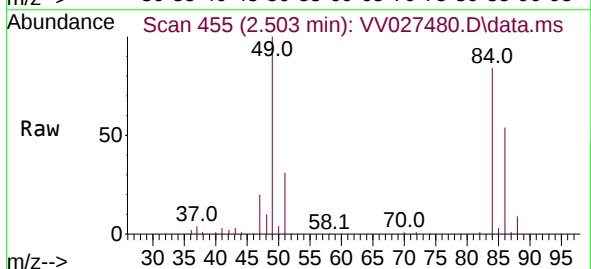
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

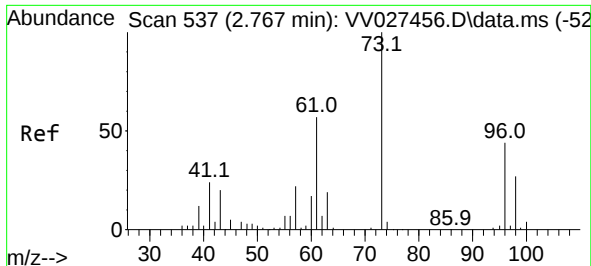
Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
74 27.0 16.3 24.5#



#16
Methylene chloride
Concen: 3.770 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 84 Resp: 55944
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 119.6 89.4 166.0

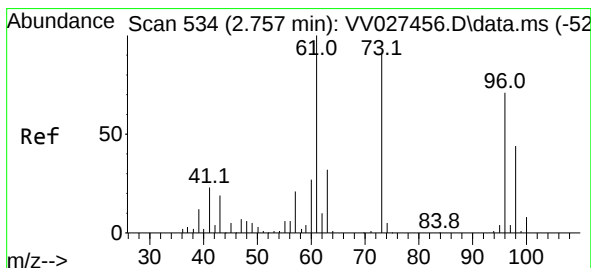
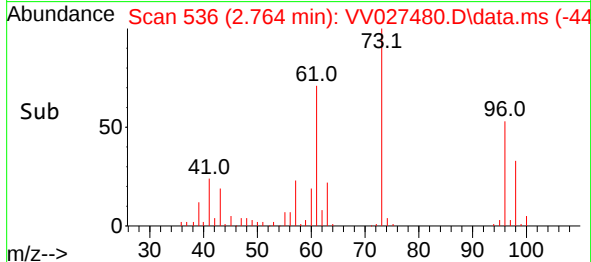
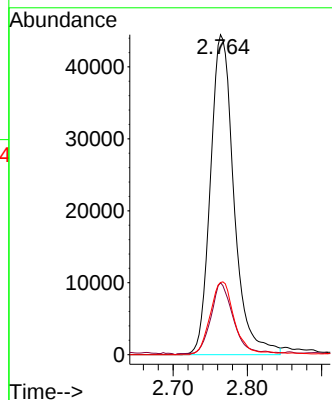
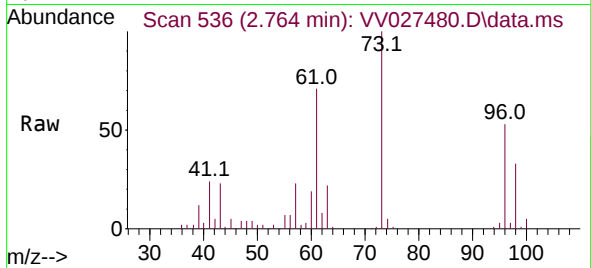




#17
Methyl tert-butyl Ether
Concen: 4.815 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

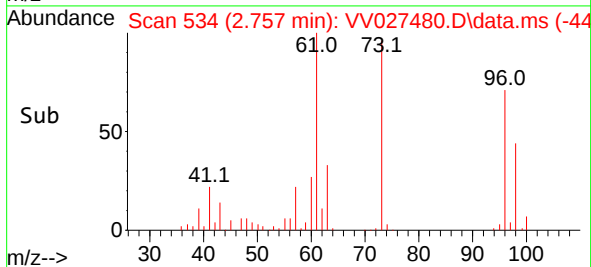
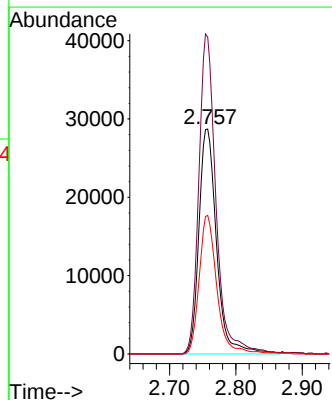
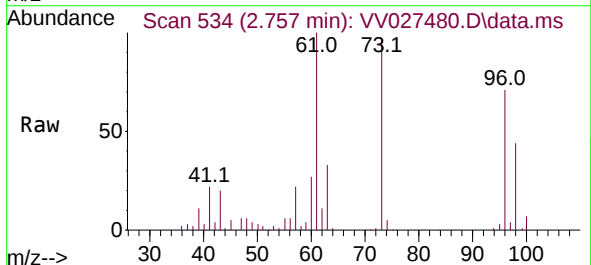
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

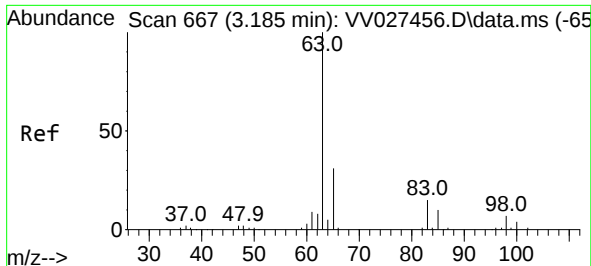
Tgt Ion: 73 Resp: 98041
Ion Ratio Lower Upper
73 100
43 21.4 15.6 23.4
57 23.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.243 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 96 Resp: 53165
Ion Ratio Lower Upper
96 100
61 140.9 97.6 181.4
98 61.6 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.949 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

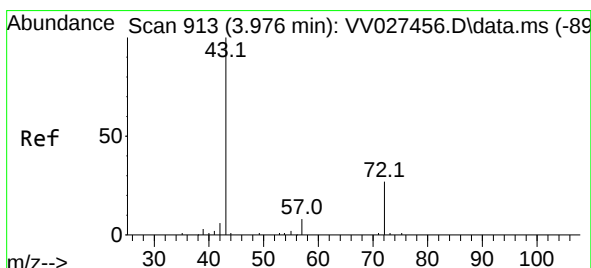
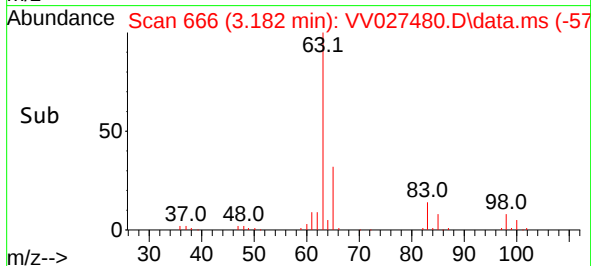
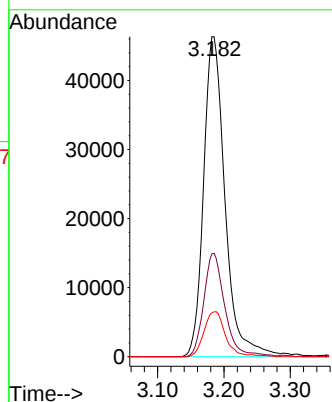
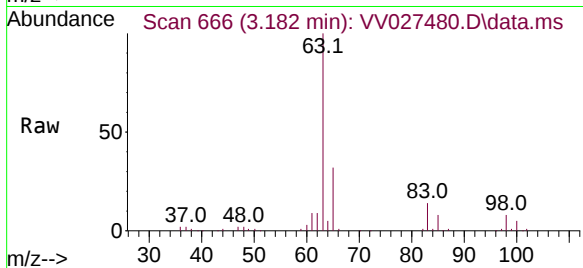
Tgt Ion: 63 Resp: 103884

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 13.7 9.6 17.8



#21

2-Butanone

Concen: 49.120 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV027480.D

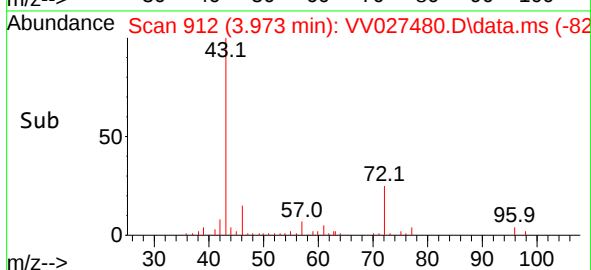
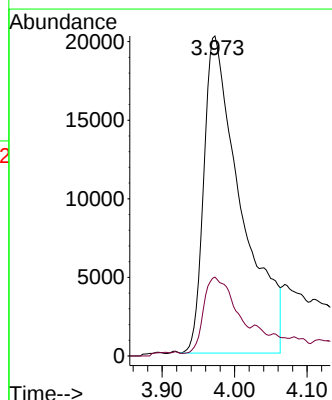
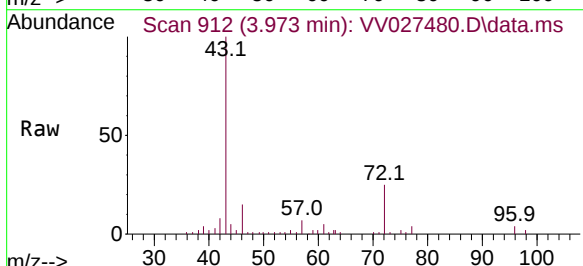
Acq: 23 Aug 2022 09:54

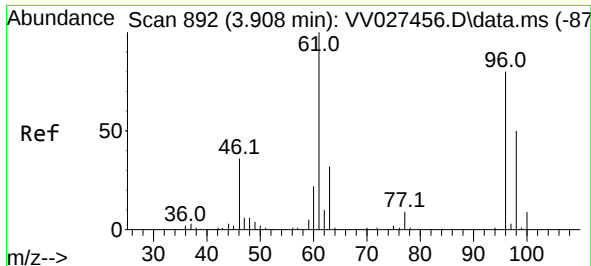
Tgt Ion: 43 Resp: 71924

Ion Ratio Lower Upper

43 100

72 20.5 12.0 36.1

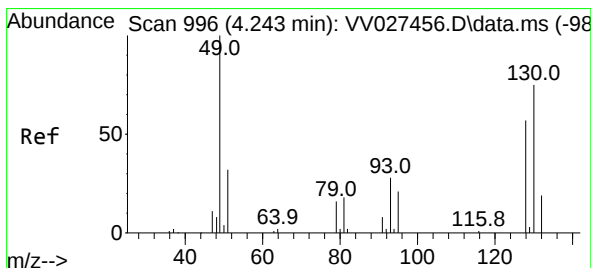
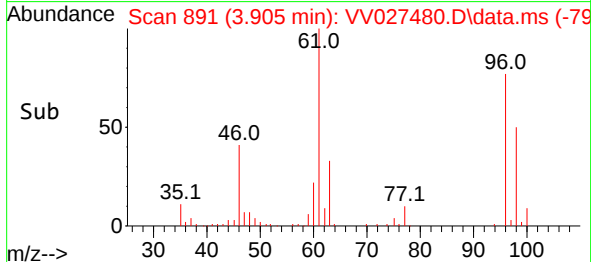
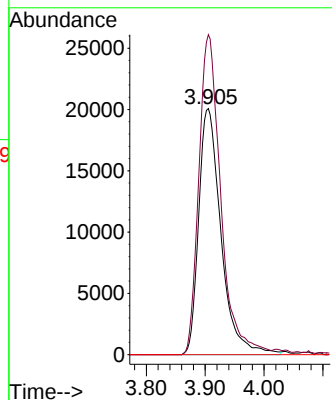
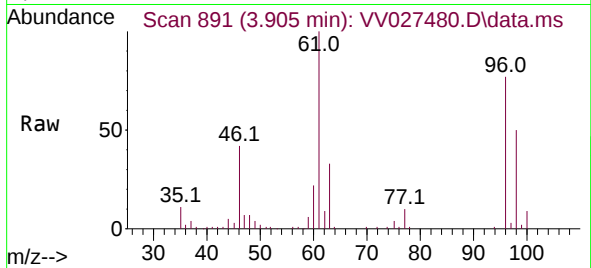




#22
 cis-1,2-Dichloroethene
 Concen: 4.891 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

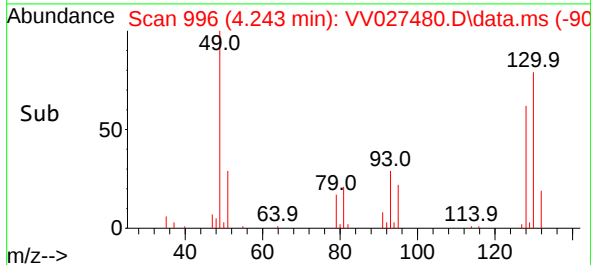
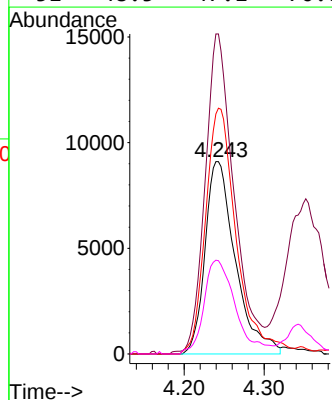
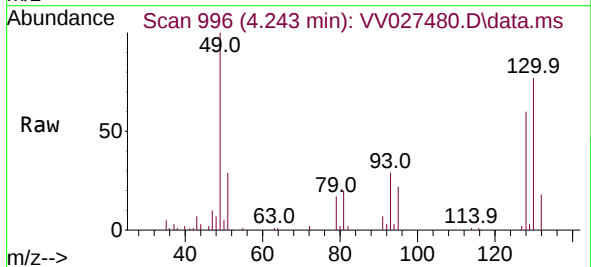
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

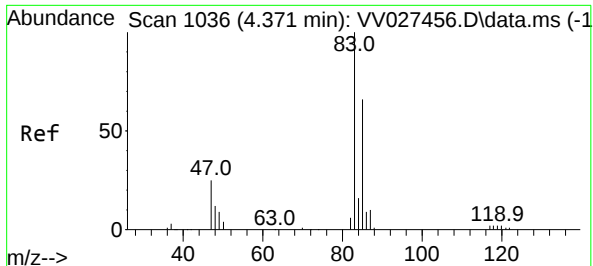
Tgt Ion: 96 Resp: 52850
 Ion Ratio Lower Upper
 96 100
 61 130.1 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.033 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

Tgt Ion: 128 Resp: 23982
 Ion Ratio Lower Upper
 128 100
 49 166.3 127.5 236.7
 130 127.8 97.0 180.2
 51 48.5 47.1 70.7

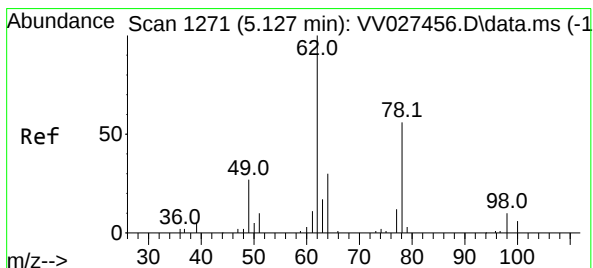
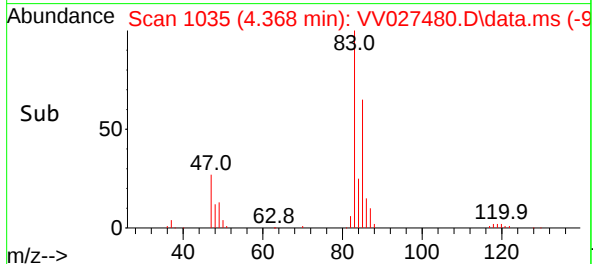
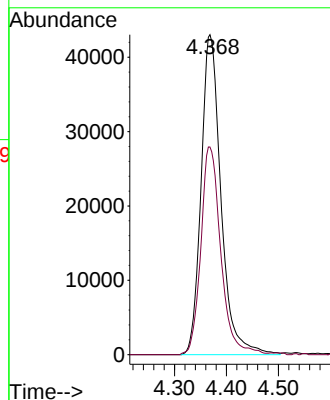
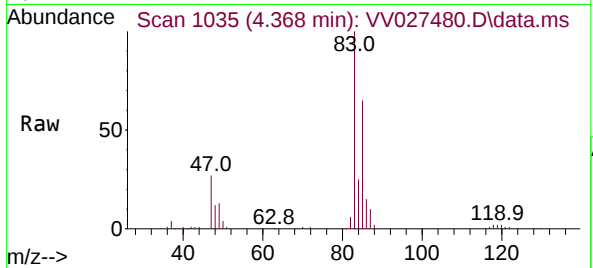




#25
Chloroform
Concen: 5.014 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

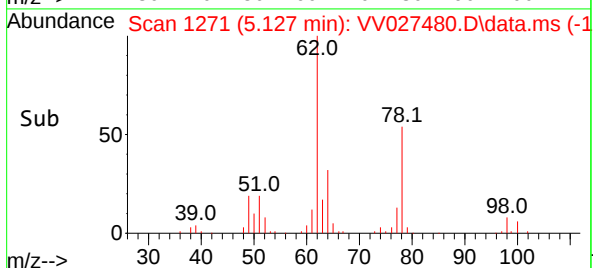
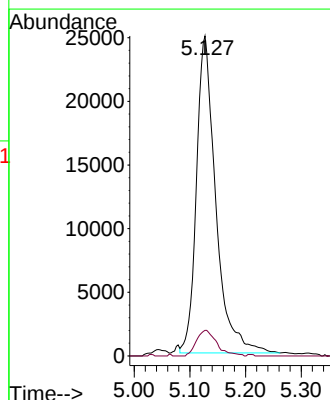
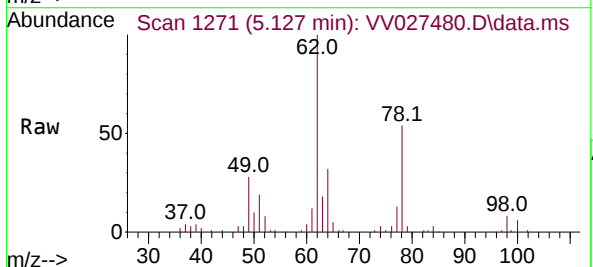
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

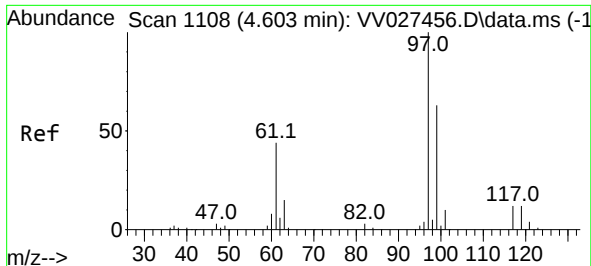
Tgt Ion: 83 Resp: 114451
Ion Ratio Lower Upper
83 100
85 64.9 43.3 80.5



#27
1,2-Dichloroethane
Concen: 5.181 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 62 Resp: 60080
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.011 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

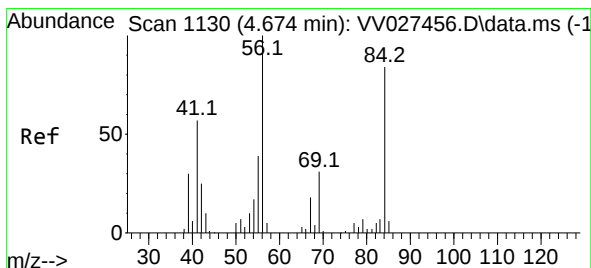
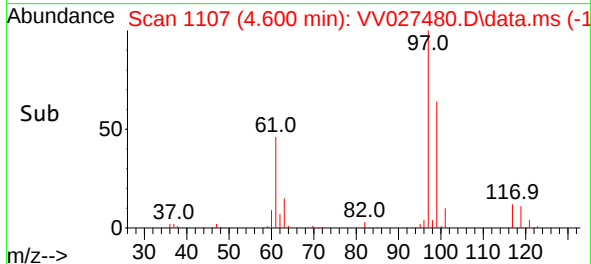
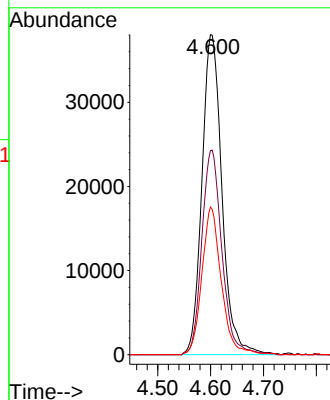
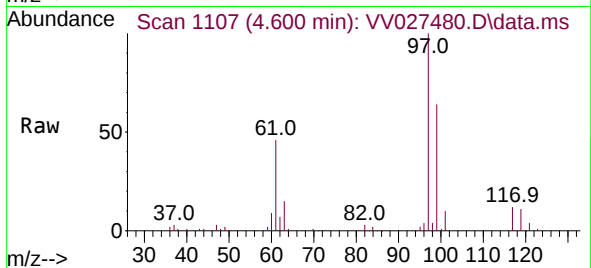
Tgt Ion: 97 Resp: 100353

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 44.7 35.9 53.9



#30

Cyclohexane

Concen: 4.606 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

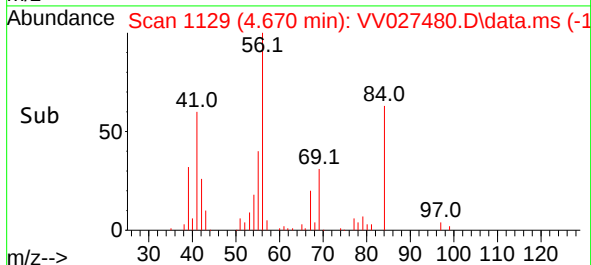
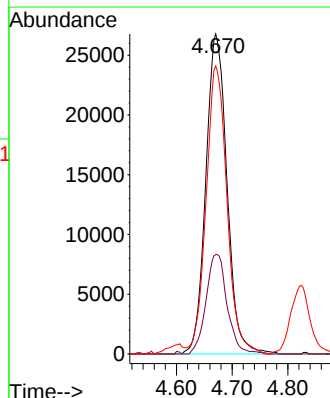
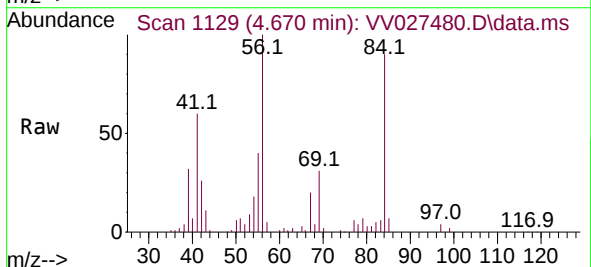
Tgt Ion: 56 Resp: 70808

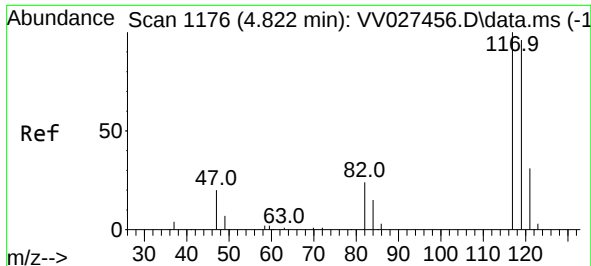
Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.0

84 89.0 69.7 104.5

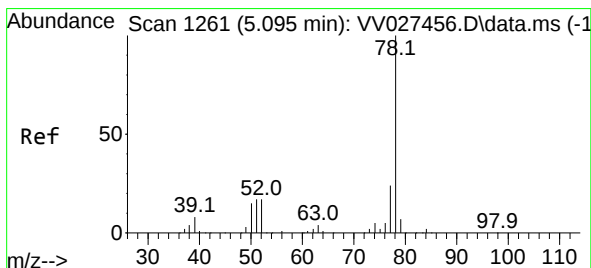
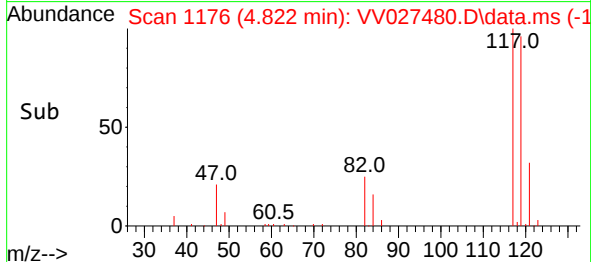
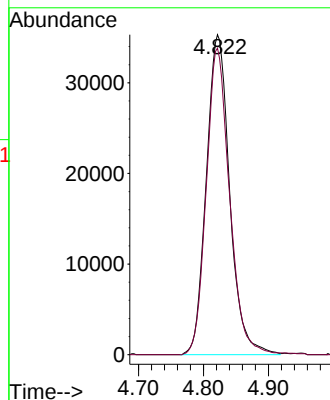
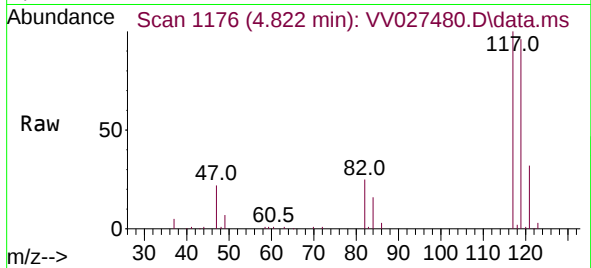




#31
Carbon tetrachloride
Concen: 5.073 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

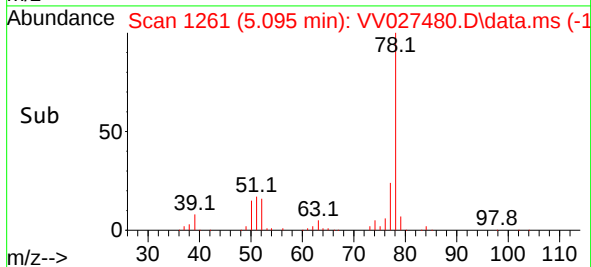
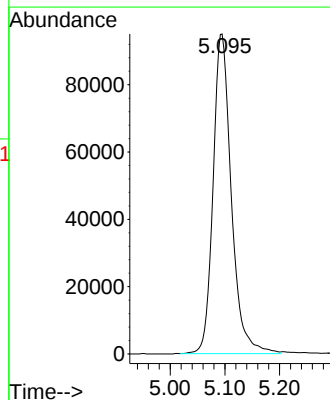
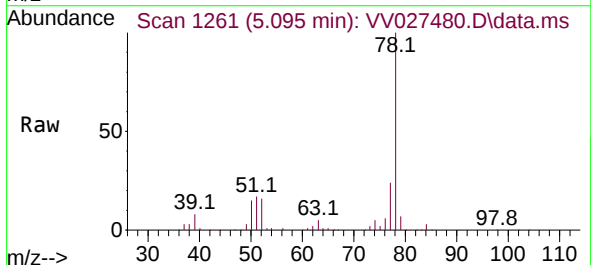
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

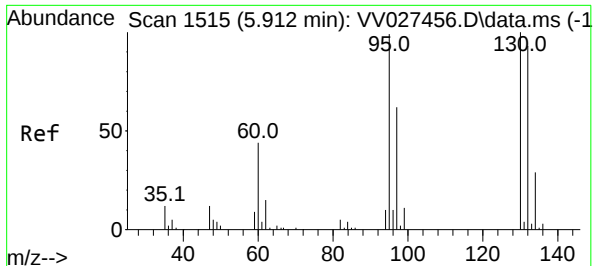
Tgt Ion:117 Resp: 88345
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1



#33
Benzene
Concen: 5.067 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 78 Resp: 219795

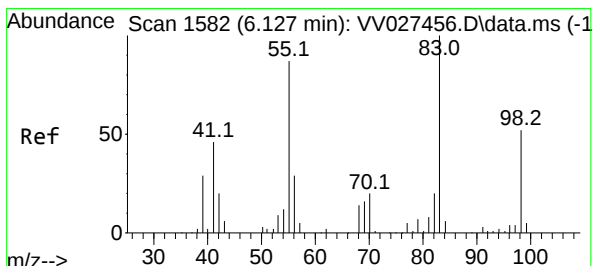
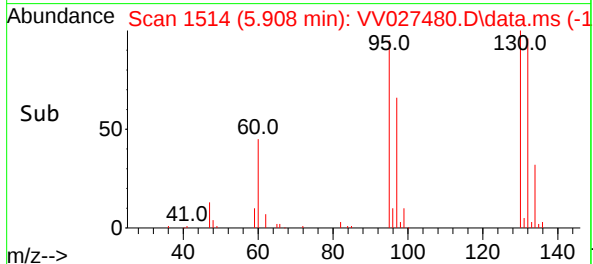
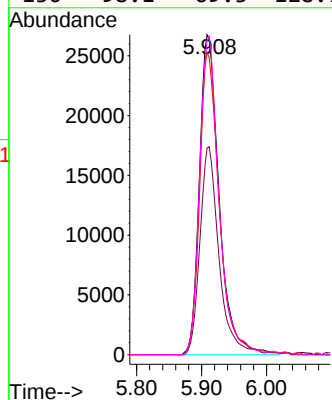
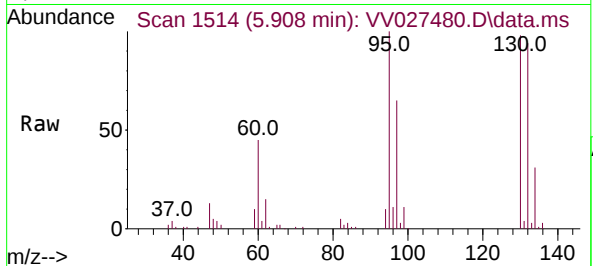




#34
Trichloroethene
Concen: 4.973 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

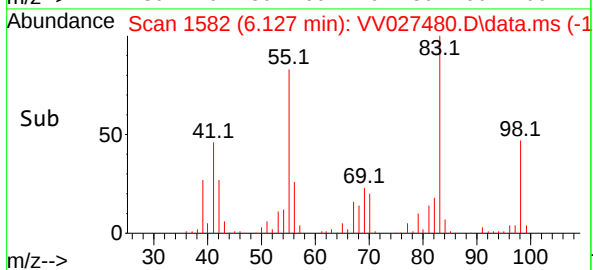
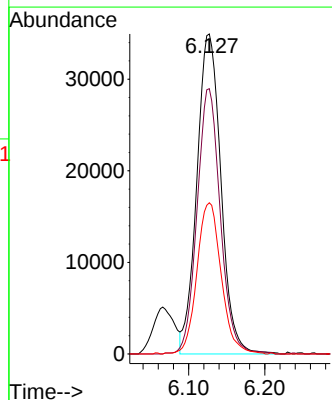
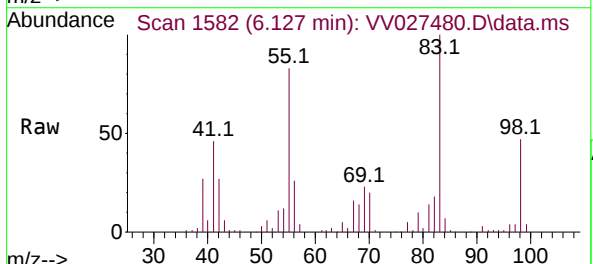
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

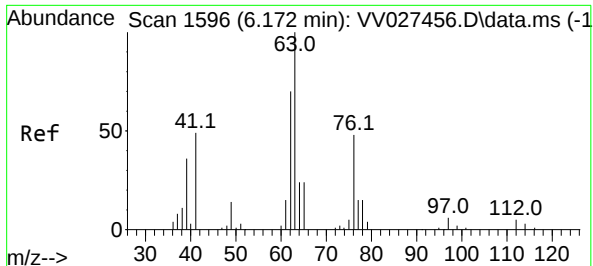
Tgt Ion: 95 Resp: 56772
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 94.5 65.7 121.9
130 98.1 69.3 128.7



#35
Methylcyclohexane
Concen: 4.791 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 83 Resp: 76914
Ion Ratio Lower Upper
83 100
55 80.3 68.2 102.4
98 47.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.787 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

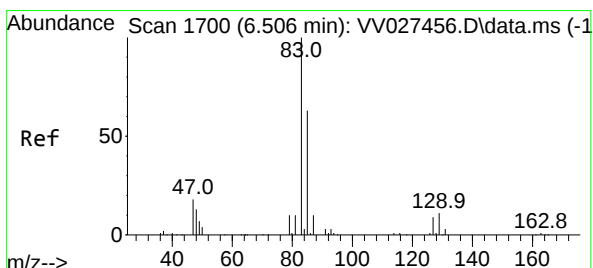
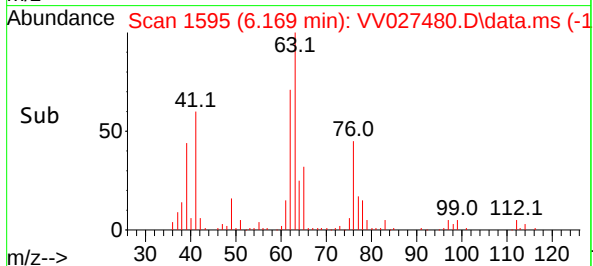
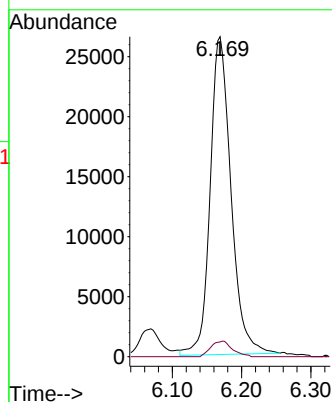
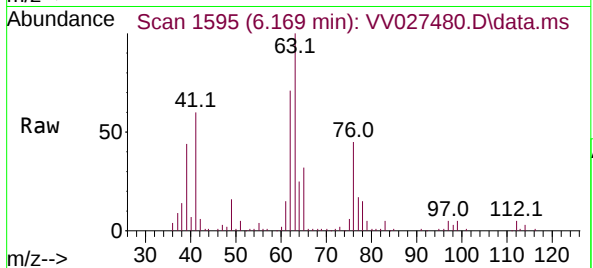
VSTD005380

Tgt Ion: 63 Resp: 55357

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 5.177 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

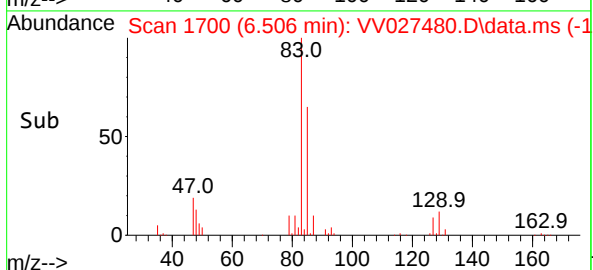
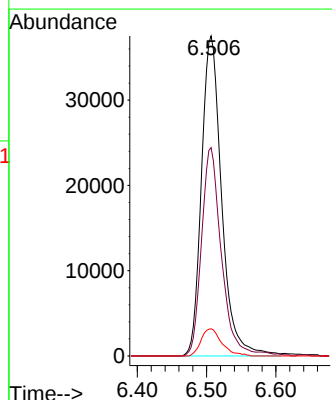
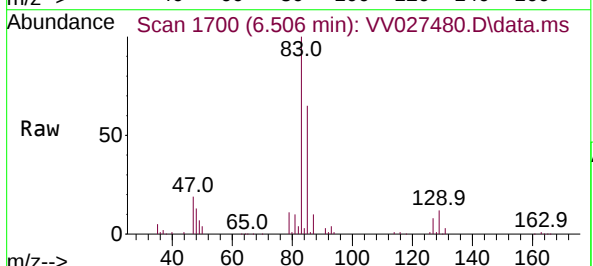
Tgt Ion: 83 Resp: 75909

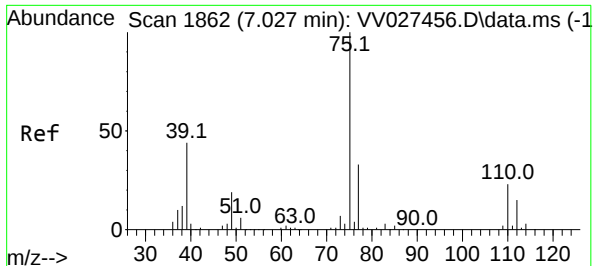
Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.847 ug/L

RT: 7.024 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

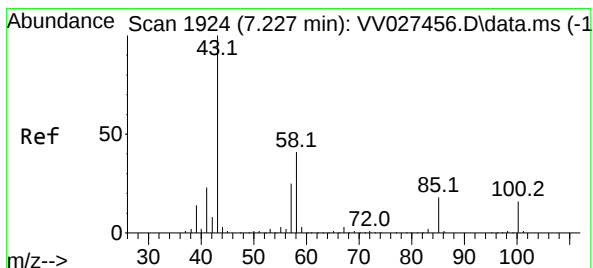
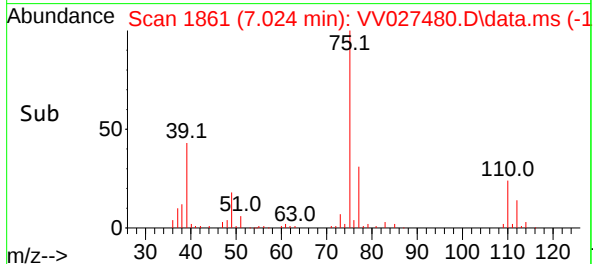
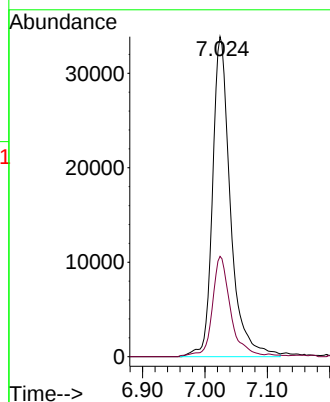
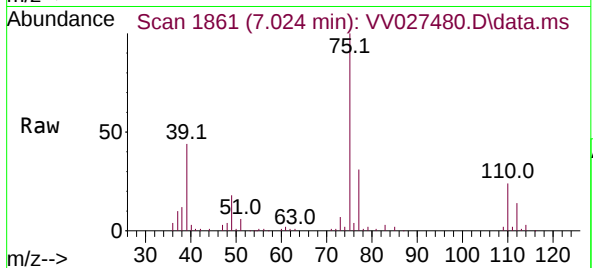
VSTD005380

Tgt Ion: 75 Resp: 67586

Ion Ratio Lower Upper

75 100

77 31.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.411 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

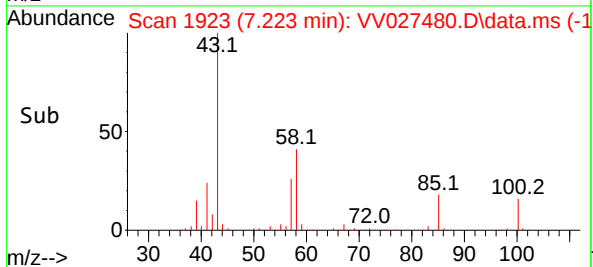
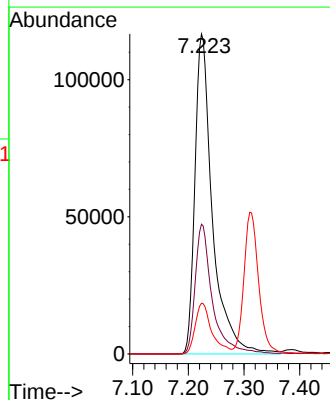
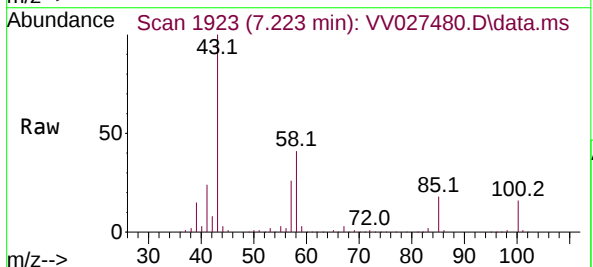
Tgt Ion: 43 Resp: 255311

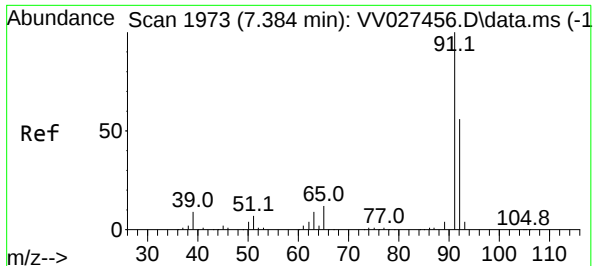
Ion Ratio Lower Upper

43 100

58 39.7 30.6 45.8

100 15.1 11.0 16.4

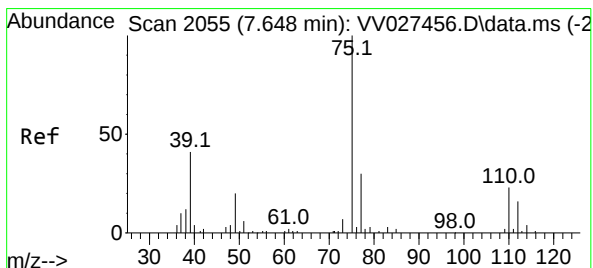
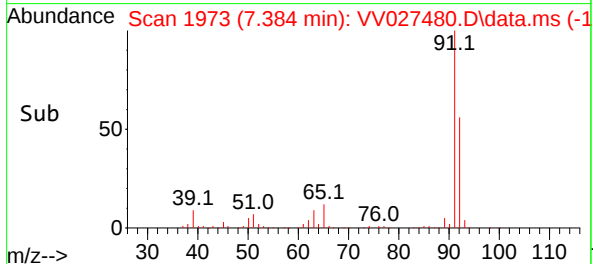
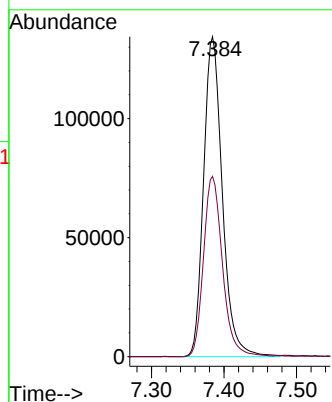
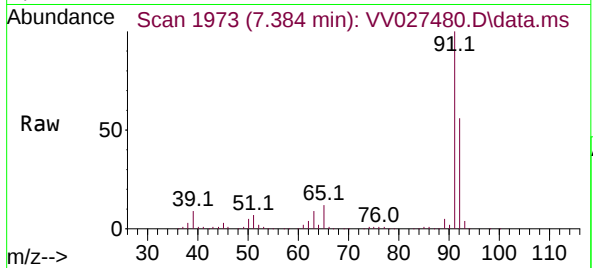




#42
Toluene
Concen: 5.398 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

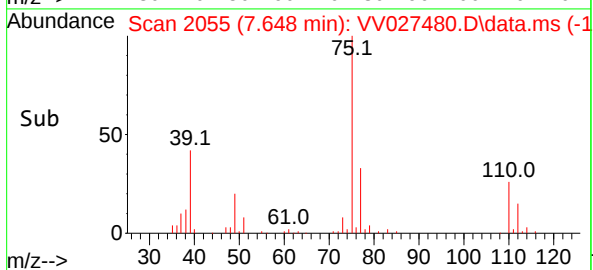
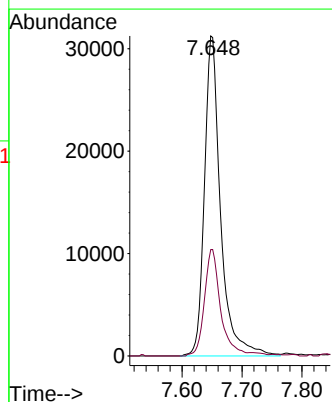
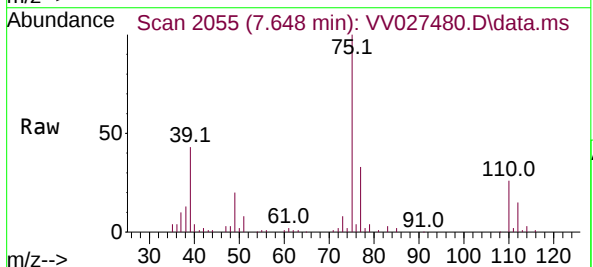
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

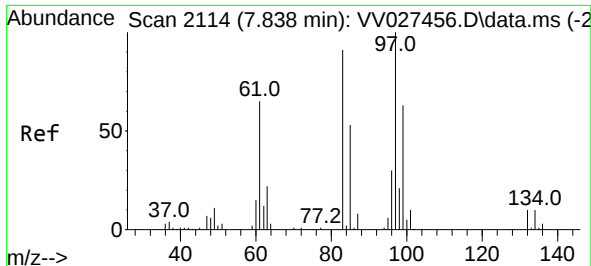
Tgt Ion: 91 Resp: 241699
Ion Ratio Lower Upper
91 100
92 56.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.981 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 75 Resp: 58716
Ion Ratio Lower Upper
75 100
77 33.2 22.3 41.5

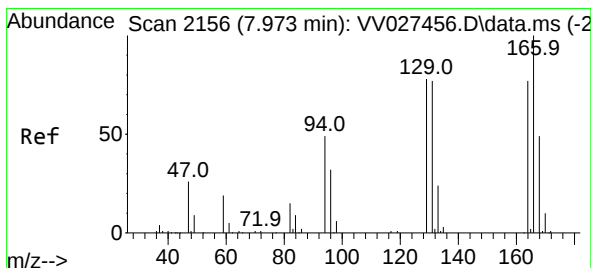
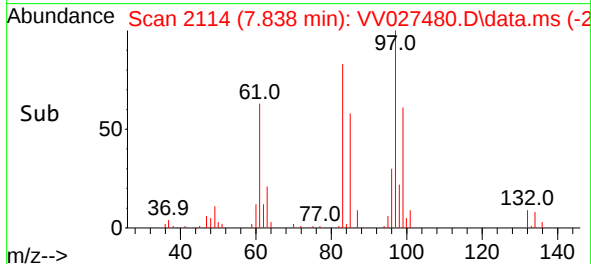
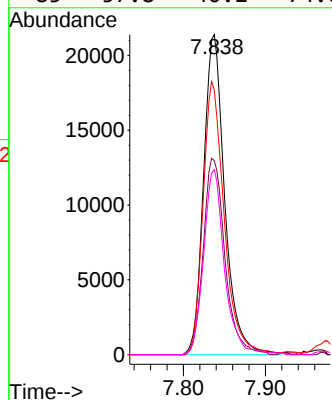
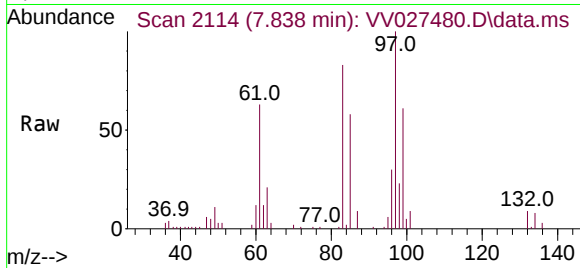




#45
1,1,2-Trichloroethane
Concen: 5.193 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

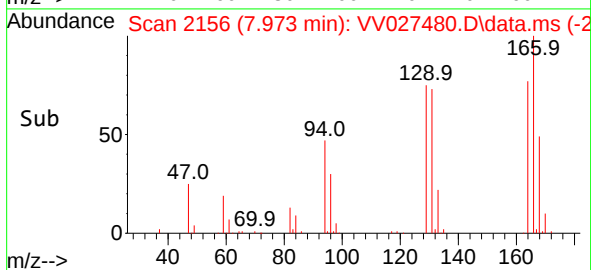
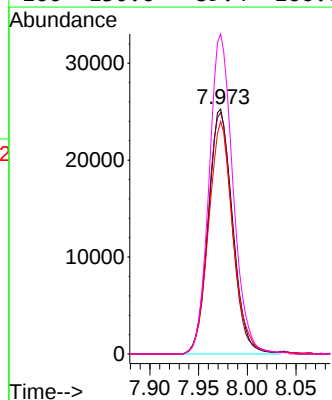
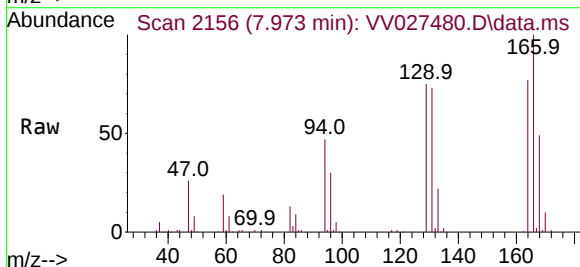
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

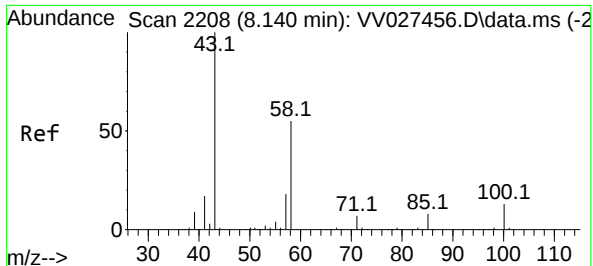
Tgt Ion:	97	Resp:	38389
Ion	Ratio	Lower	Upper
97	100		
99	60.6	46.1	85.7
83	82.7	63.0	117.0
85	57.8	40.2	74.6



#47
Tetrachloroethene
Concen: 4.921 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion:	164	Resp:	43759
Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.1	132.1
131	94.9	64.5	119.9
166	130.6	89.4	166.0



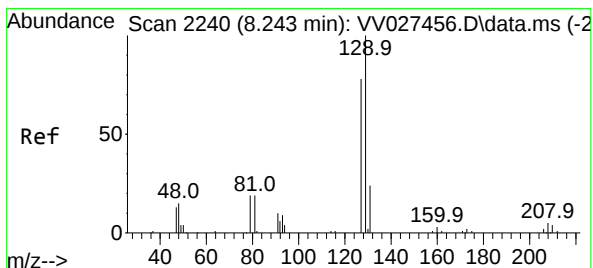
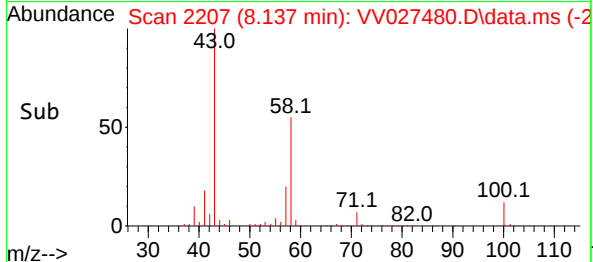
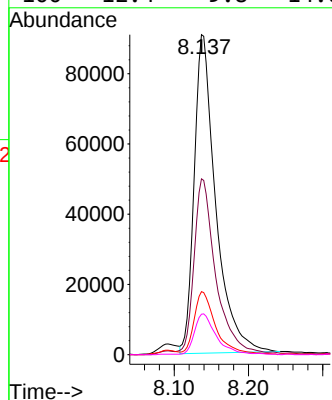
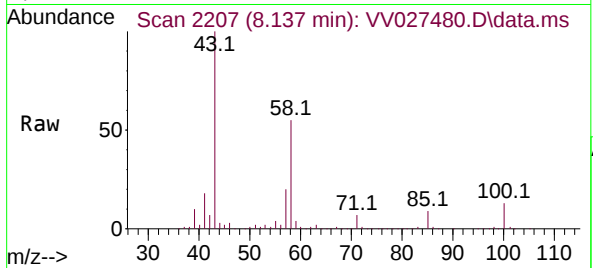


#48
2-Hexanone
Concen: 49.322 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

Tgt Ion: 43 Resp: 183639

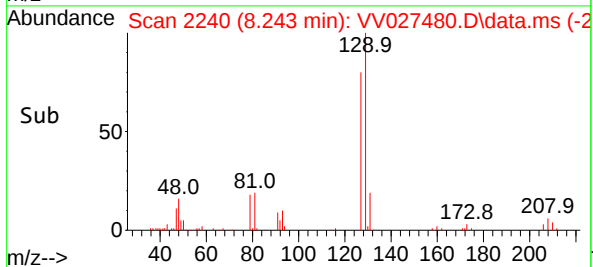
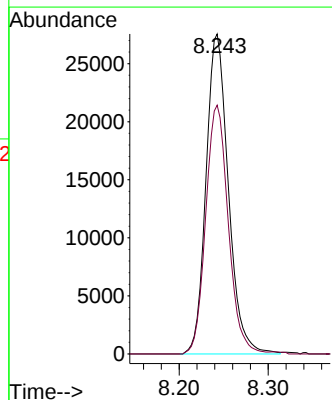
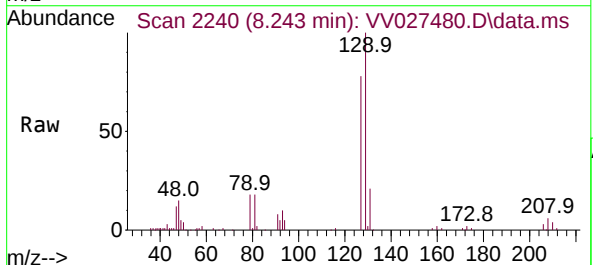
Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.3	61.9
57	20.0	14.9	22.3
100	12.4	9.8	14.6

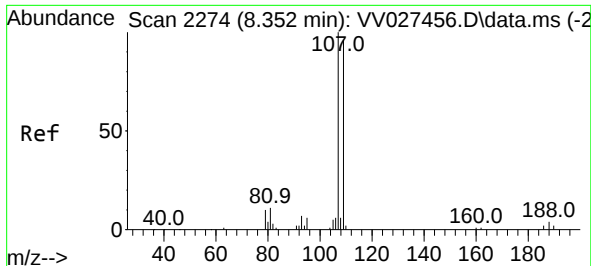


#49
Dibromochloromethane
Concen: 5.284 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 129 Resp: 48046

Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.157 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

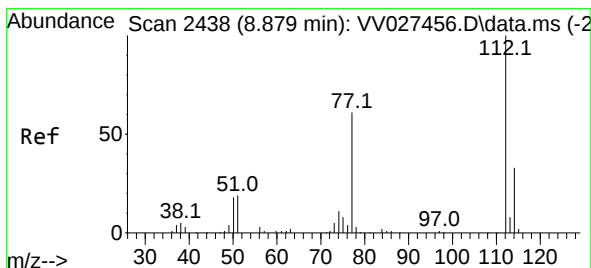
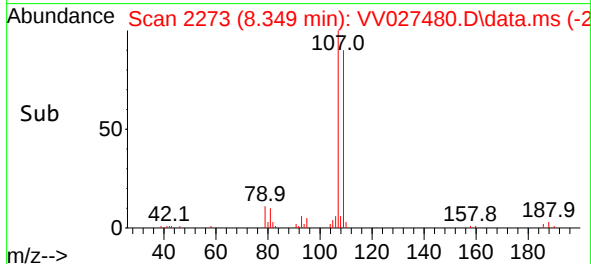
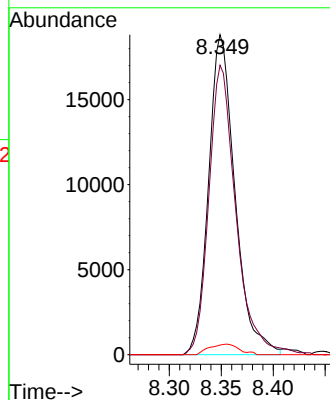
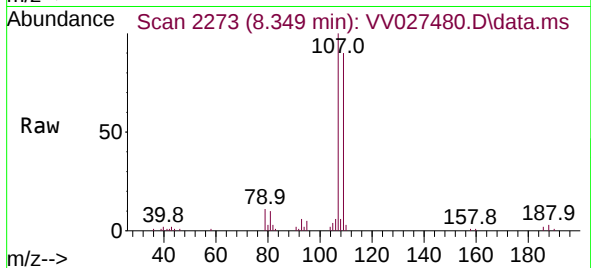
Tgt Ion:107 Resp: 33280

Ion Ratio Lower Upper

107 100

109 90.5 67.8 125.8

188 3.0 3.5 5.3#



#51

Chlorobenzene

Concen: 5.037 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

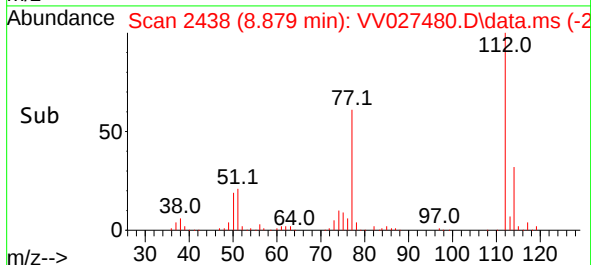
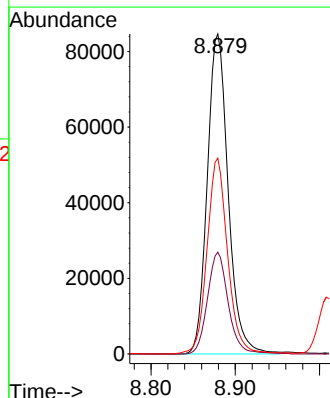
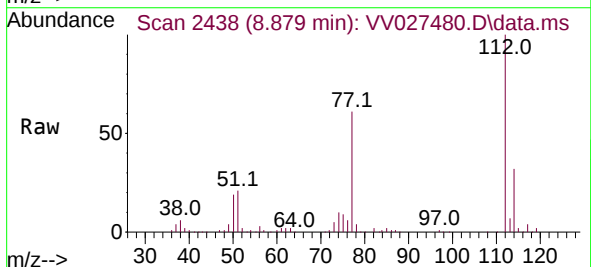
Tgt Ion:112 Resp: 145952

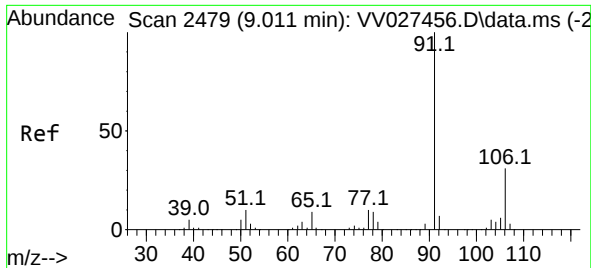
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 61.2 46.2 69.4





#52

Ethylbenzene

Concen: 5.040 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

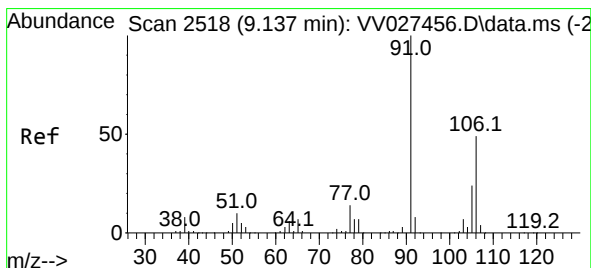
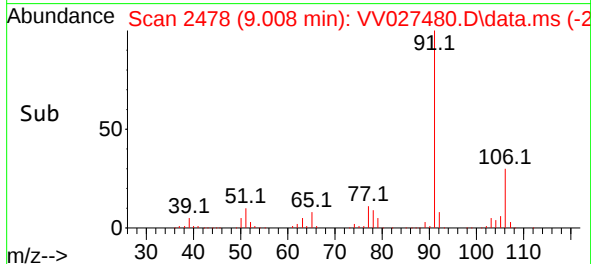
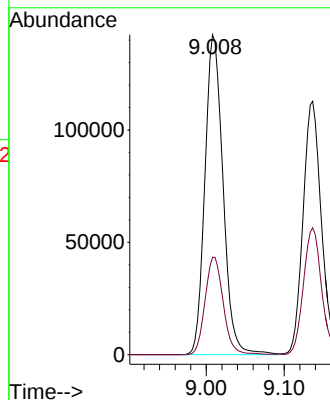
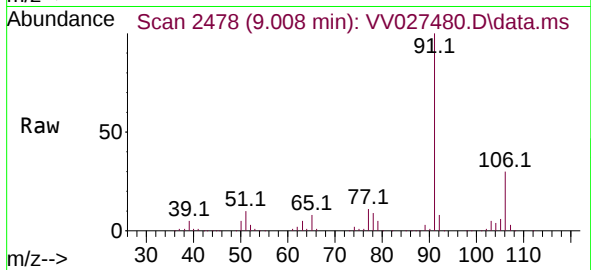
VSTD005380

Tgt Ion: 91 Resp: 230352

Ion Ratio Lower Upper

91 100

106 30.4 21.4 39.8



#53

m,p-Xylene

Concen: 5.273 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027480.D

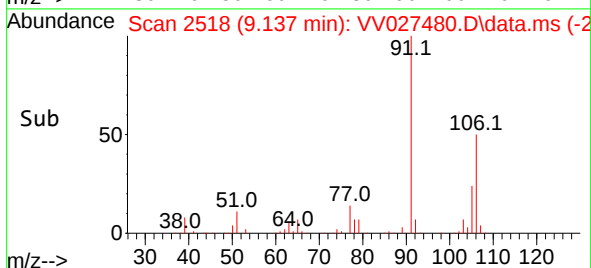
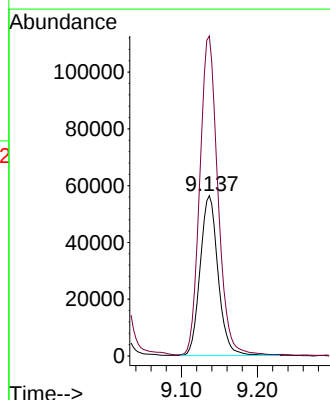
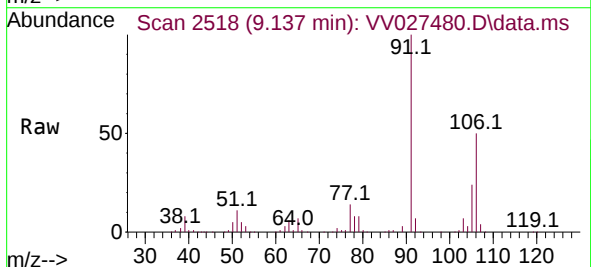
Acq: 23 Aug 2022 09:54

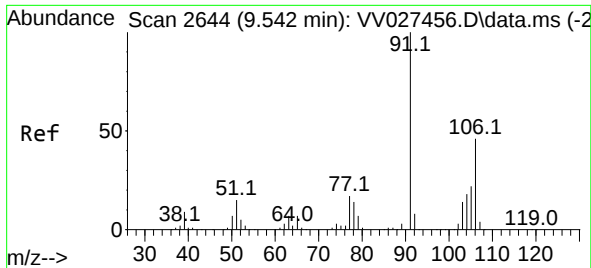
Tgt Ion: 106 Resp: 92216

Ion Ratio Lower Upper

106 100

91 199.7 143.8 267.0

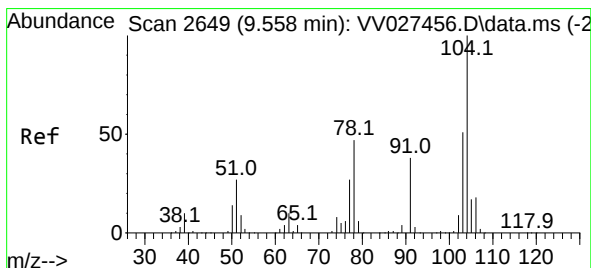
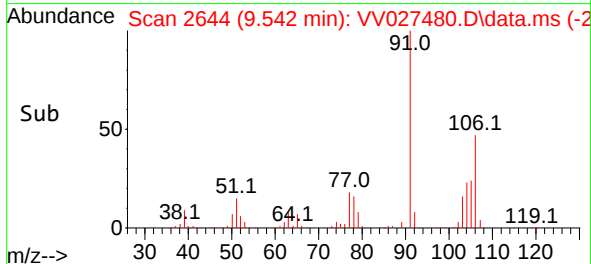
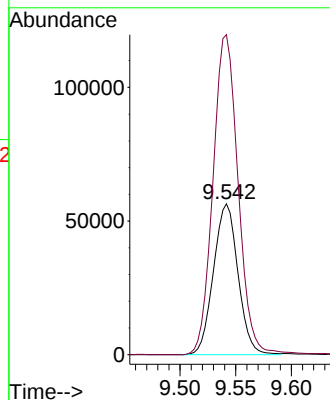
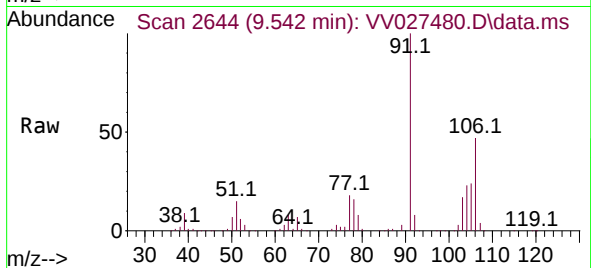




#54
o-Xylene
Concen: 5.095 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

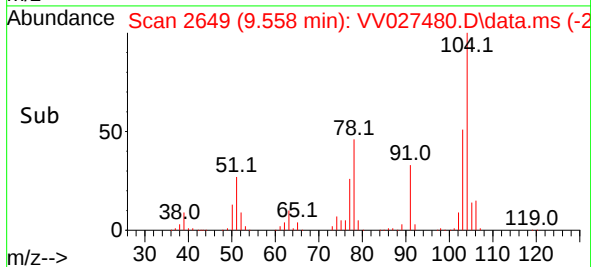
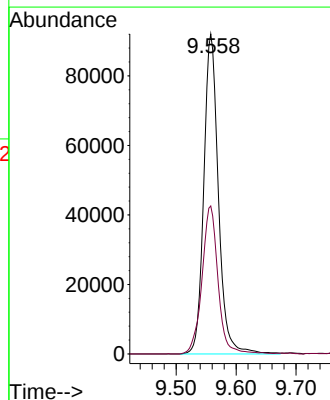
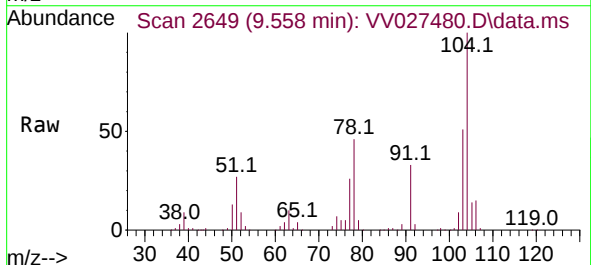
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

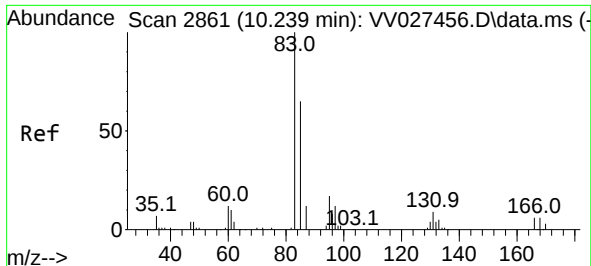
Tgt Ion:106 Resp: 86429
Ion Ratio Lower Upper
106 100
91 212.0 151.6 281.6



#55
Styrene
Concen: 5.417 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion:104 Resp: 156331
Ion Ratio Lower Upper
104 100
78 46.3 32.0 59.4

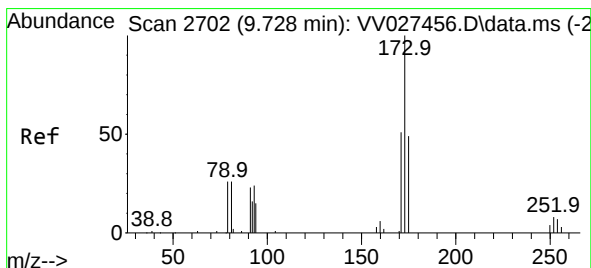
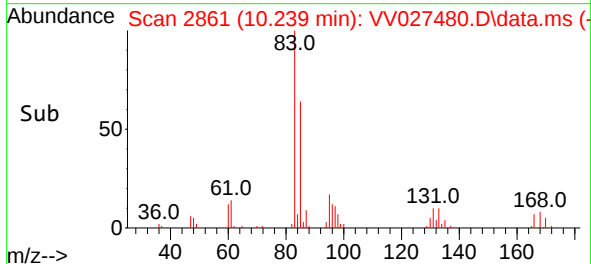
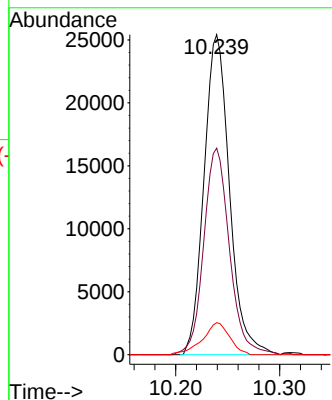
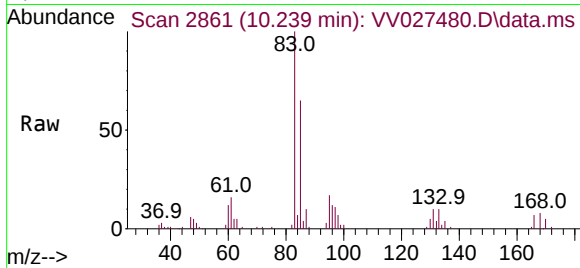




#57
1,1,2,2-Tetrachloroethane
Concen: 5.190 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

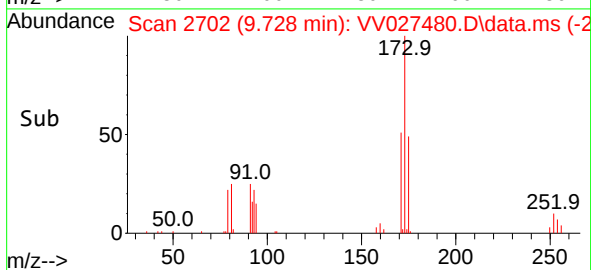
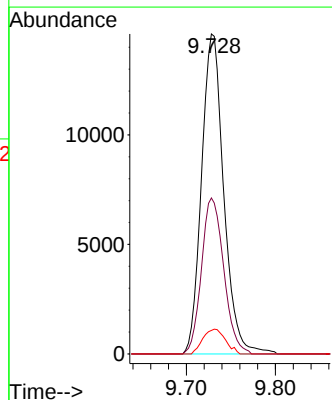
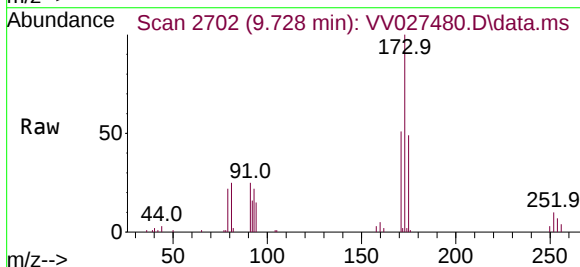
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

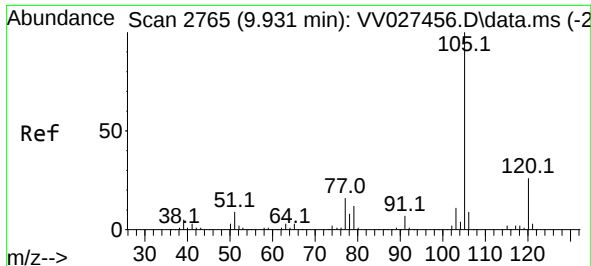
Tgt Ion: 83 Resp: 43220
Ion Ratio Lower Upper
83 100
85 64.6 44.1 81.9
131 10.0 7.3 10.9



#59
Bromoform
Concen: 5.342 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 173 Resp: 25254
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 7.9 7.1 10.7

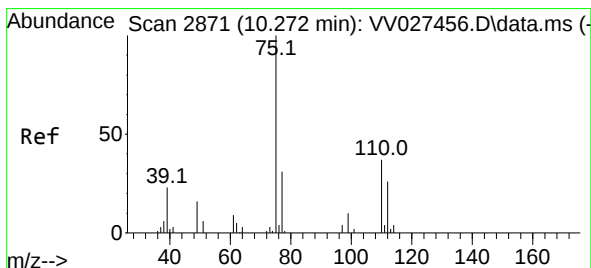
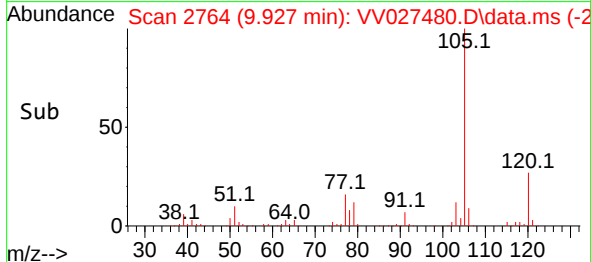
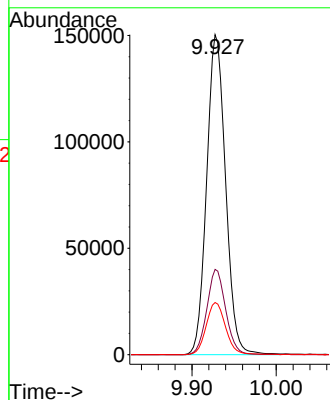
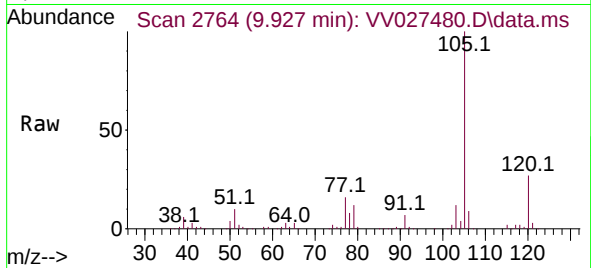




#60
Isopropylbenzene
Concen: 5.064 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

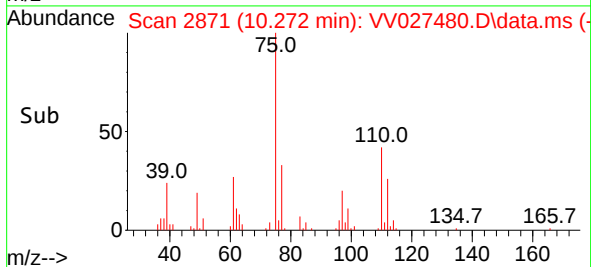
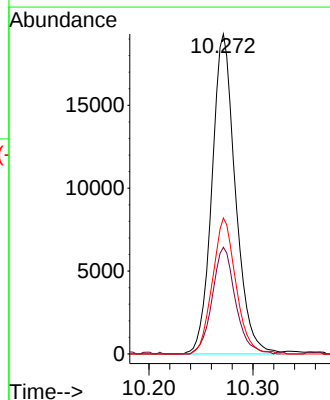
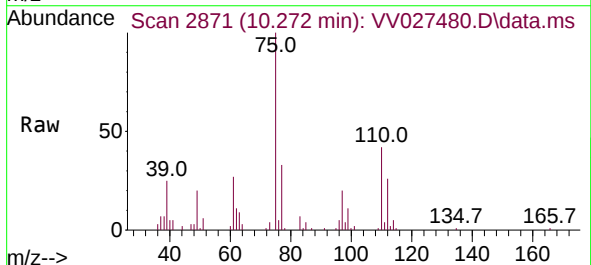
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

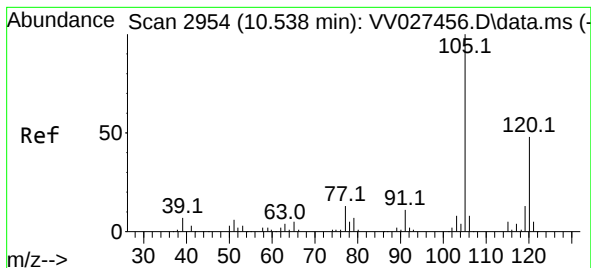
Tgt Ion:105 Resp: 235049
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.891 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 75 Resp: 30270
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 42.4 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.831 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027480.D

Acq: 23 Aug 2022 09:54

Instrument :

MSVOA_V

ClientSampleId :

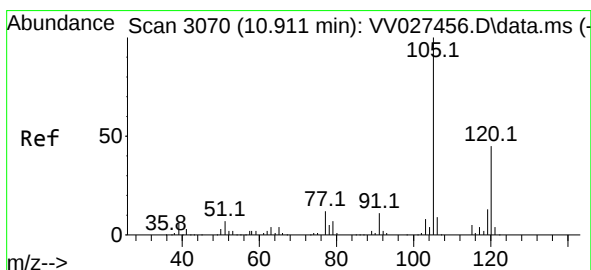
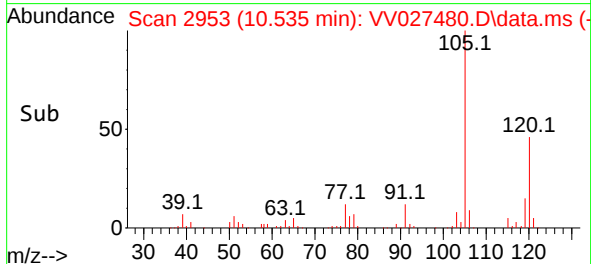
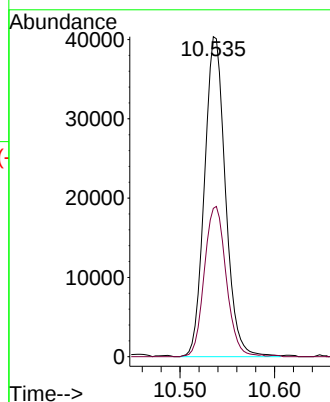
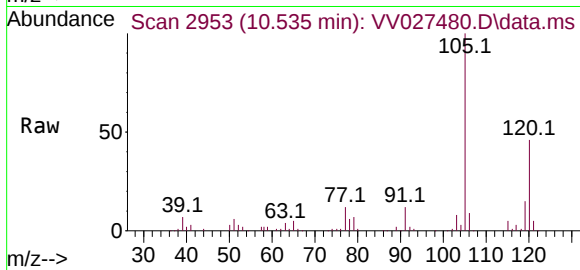
VSTD005380

Tgt Ion:105 Resp: 62176

Ion Ratio Lower Upper

105 100

120 49.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.812 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027480.D

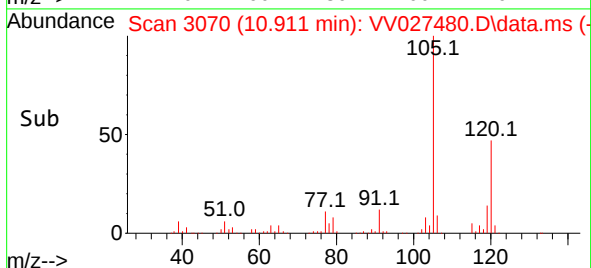
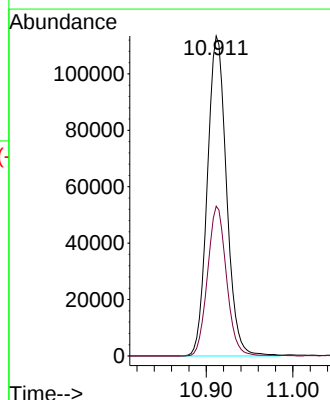
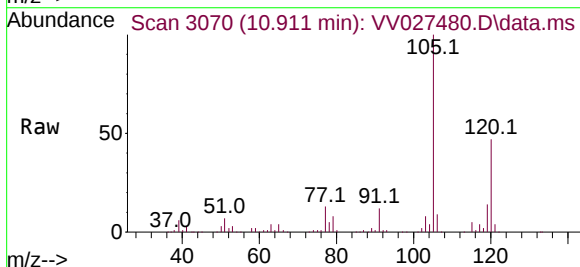
Acq: 23 Aug 2022 09:54

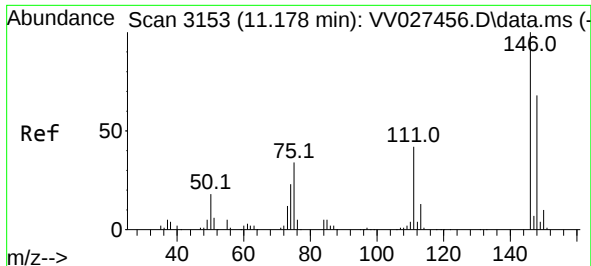
Tgt Ion:105 Resp: 174480

Ion Ratio Lower Upper

105 100

120 46.3 35.8 53.6

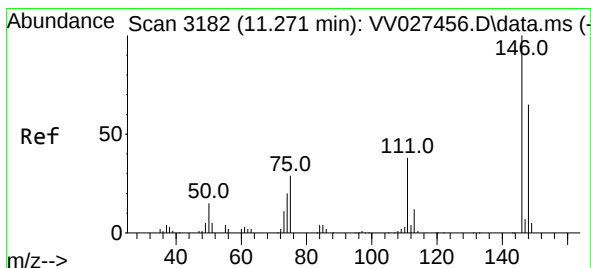
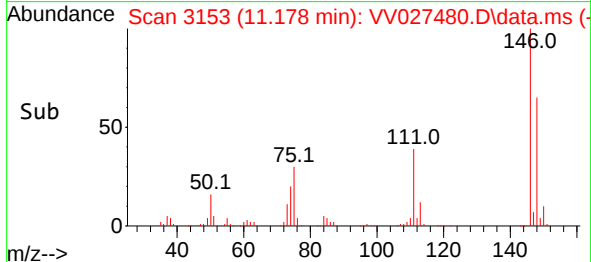
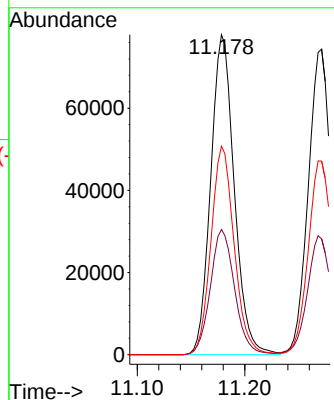
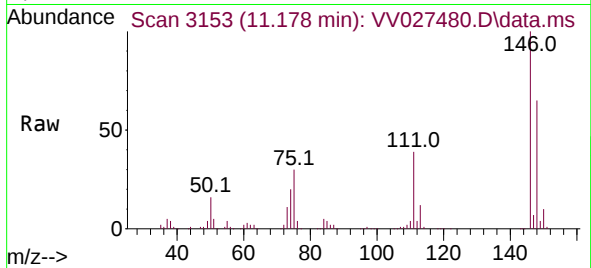




#64
1,3-Dichlorobenzene
Concen: 5.178 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

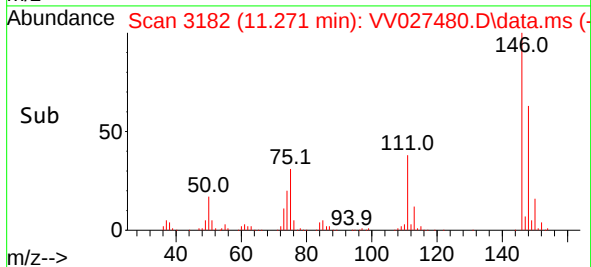
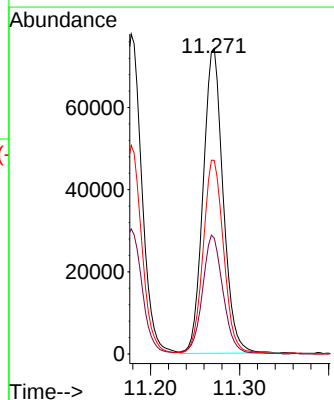
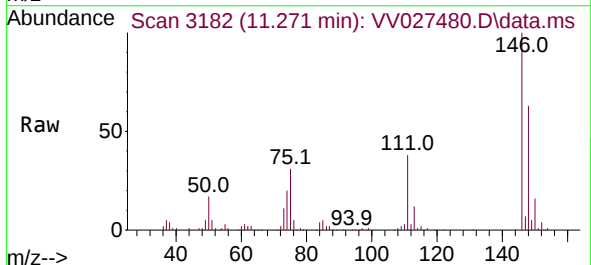
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

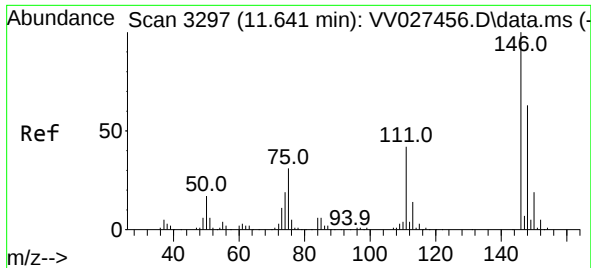
Tgt Ion:146 Resp: 118420
Ion Ratio Lower Upper
146 100
111 39.1 28.8 53.4
148 65.2 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.067 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion:146 Resp: 115511
Ion Ratio Lower Upper
146 100
111 37.9 26.6 49.4
148 63.3 42.6 79.0

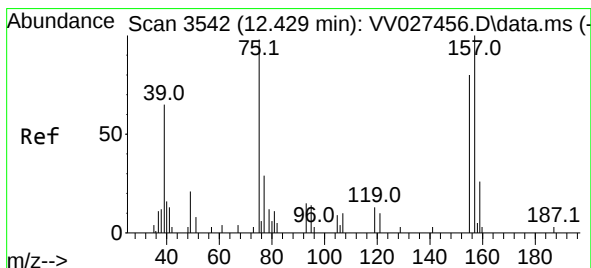
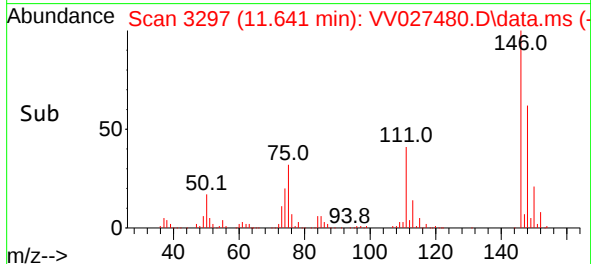
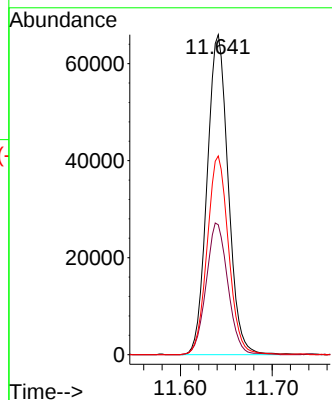
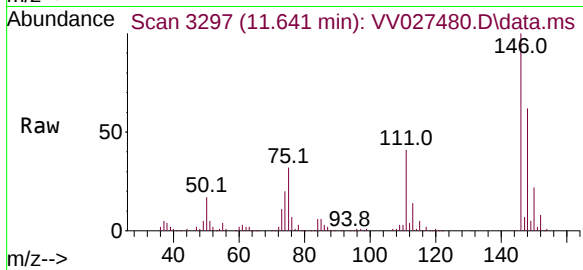




#67
1,2-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

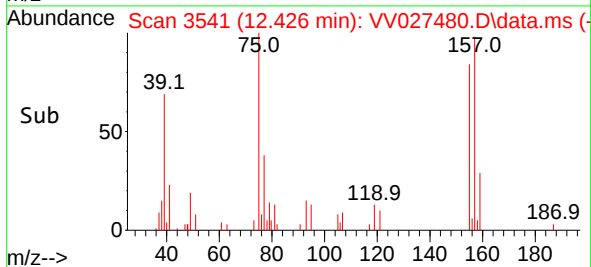
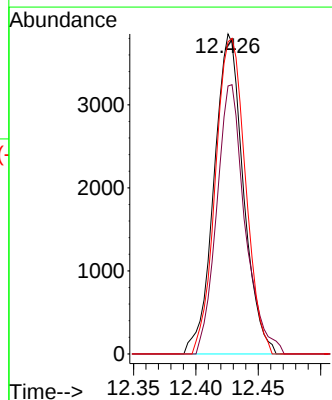
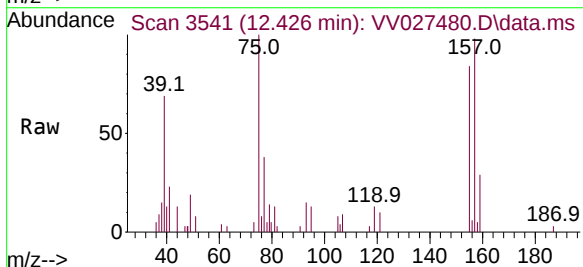
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

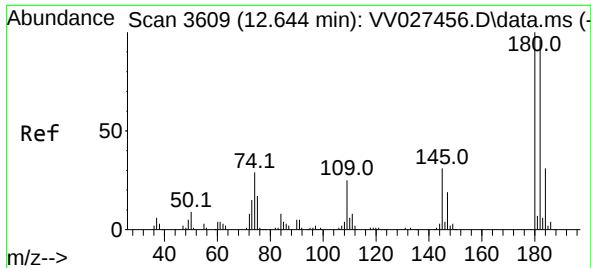
Tgt Ion:146 Resp: 105455
Ion Ratio Lower Upper
146 100
111 40.6 34.5 51.7
148 62.1 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.594 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion: 75 Resp: 6316
Ion Ratio Lower Upper
75 100
155 83.8 63.1 94.7
157 97.5 81.8 122.8

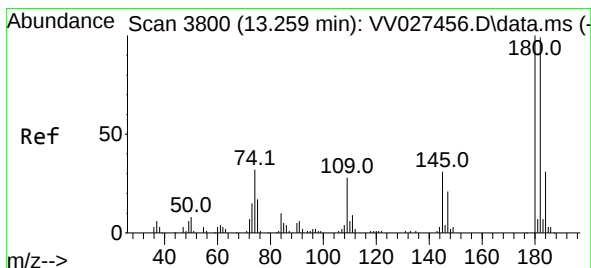
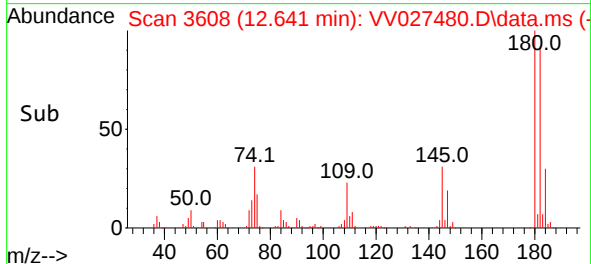
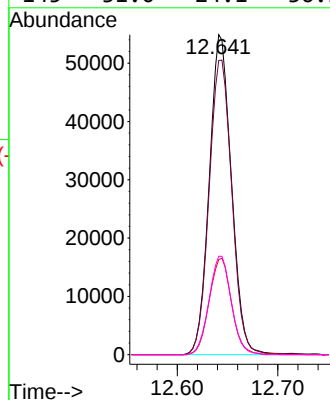
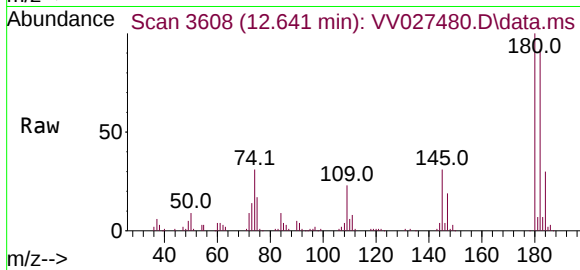




#69
 1,3,5-Trichlorobenzene
 Concen: 4.906 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

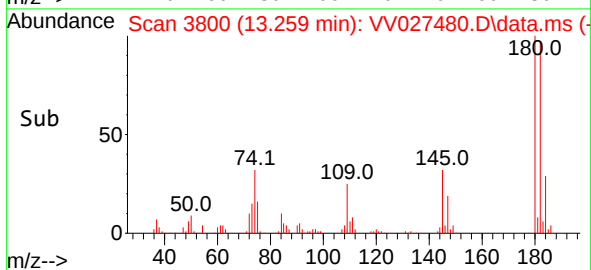
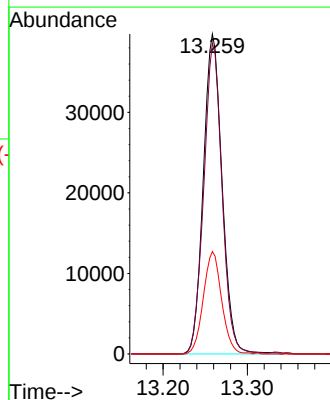
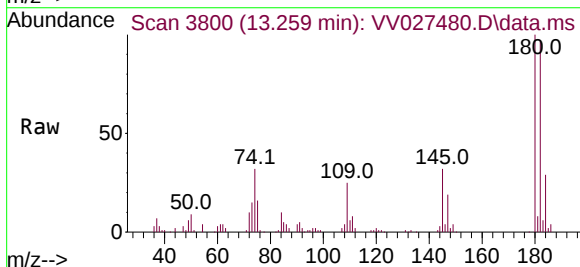
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

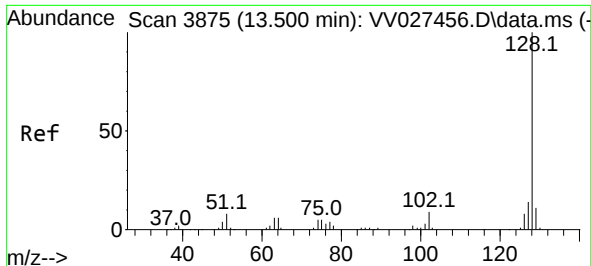
Tgt Ion:180	Resp:	83753
Ion Ratio	Lower	Upper
180	100	
182	94.5	74.1 111.1
184	30.3	23.2 34.8
145	31.0	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.966 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027480.D
 Acq: 23 Aug 2022 09:54

Tgt Ion:180	Resp:	61608
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.0 114.0
145	31.2	24.9 37.3

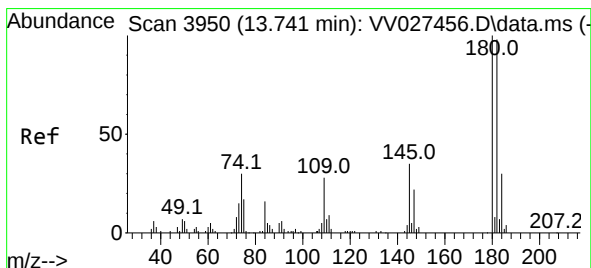
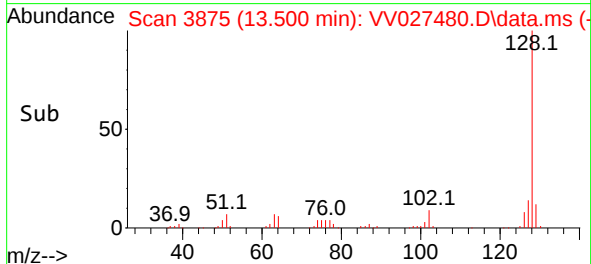
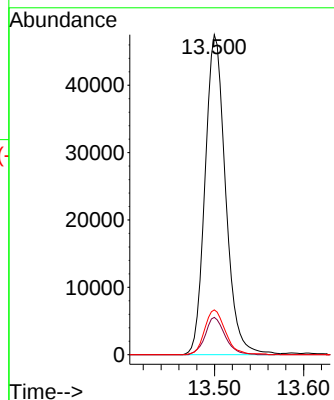
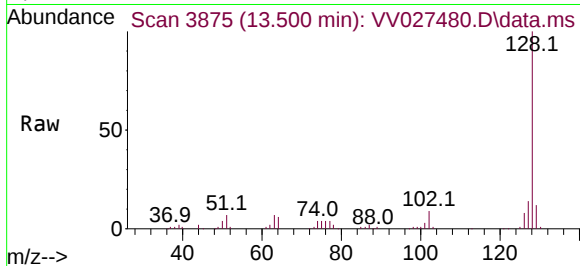




#71
Naphthalene
Concen: 4.421 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

Tgt Ion:128 Resp: 75710
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.013 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027480.D
Acq: 23 Aug 2022 09:54

Tgt Ion:180 Resp: 55232
Ion Ratio Lower Upper
180 100
182 94.1 75.3 112.9
145 33.2 26.6 39.8

