

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VW028596.D
 Acq On : 17 Oct 2022 18:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA2

Quant Time: Oct 18 01:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	274597	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.854	117	180741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	88909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	82107	3.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.558	69	71611	3.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.098	63	153104	3.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.944	46	275010	54.131	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.260%
24) Chloroform-d	4.343	84	158500	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.031	65	92336	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.037	84	310373	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.040	67	113586	6.031	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.600%
41) Toluene-d8	7.317	98	208137	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.632	79	26606	4.182	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.114	63	143196	52.146	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58418	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	71893	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53961	3.479	ug/L	96
3) Chloromethane	1.230	50	102977	3.967	ug/L	98
5) Vinyl chloride	1.301	62	103120	4.078	ug/L	98
6) Bromomethane	1.513	94	42156	3.703	ug/L	99
8) Chloroethane	1.574	64	66549	4.058	ug/L	98
9) Trichlorofluoromethane	1.741	101	123119	3.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	70665	3.879	ug/L	99
12) 1,1-Dichloroethene	2.108	96	68830	4.031	ug/L	91
13) Acetone	2.227	43	145026	40.651	ug/L	74
14) Carbon disulfide	2.282	76	176878	3.700	ug/L	100
15) Methyl Acetate	2.449	43	42050	4.981	ug/L	95
16) Methylene chloride	2.497	84	102032	4.237	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	204173	4.708	ug/L	100
18) trans-1,2-Dichloroethene	2.745	96	75782	4.256	ug/L	98
19) 1,1-Dichloroethane	3.175	63	175888	4.389	ug/L	99
21) 2-Butanone	4.027	43	262178	51.309	ug/L	98
22) cis-1,2-Dichloroethene	3.896	96	86339	4.289	ug/L #	97
23) Bromochloromethane	4.240	128	32781	4.247	ug/L	96
25) Chloroform	4.368	83	164795	4.340	ug/L	97

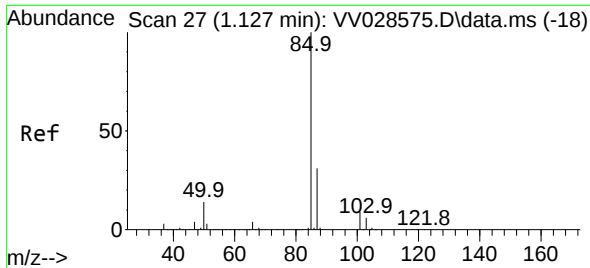
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
 Data File : VV028596.D
 Acq On : 17 Oct 2022 18:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA2

Quant Time: Oct 18 01:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108025	4.778	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	130415	5.220	ug/L	98
30) Cyclohexane	4.654	56	148681	5.154	ug/L	100
31) Carbon tetrachloride	4.812	117	105718	5.382	ug/L	99
33) Benzene	5.085	78	354852	5.556	ug/L	100
34) Trichloroethene	5.870	95	80652	5.288	ug/L	96
35) Methylcyclohexane	6.082	83	145894	5.745	ug/L	90
37) 1,2-Dichloropropane	6.146	63	90648	5.577	ug/L	99
38) Bromodichloromethane	6.513	83	90616	4.889	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	94999	4.387	ug/L	99
40) 4-Methyl-2-pentanone	7.259	43	460658	52.047	ug/L	100
42) Toluene	7.391	91	280043	4.673	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	76429	4.603	ug/L	98
45) 1,1,2-Trichloroethane	7.850	97	45561	5.043	ug/L	99
47) Tetrachloroethene	7.976	164	44601	4.492	ug/L	98
48) 2-Hexanone	8.162	43	325630	53.189	ug/L	98
49) Dibromochloromethane	8.252	129	43825	4.548	ug/L	99
50) 1,2-Dibromoethane	8.358	107	40306	5.066	ug/L #	97
51) Chlorobenzene	8.883	112	174358	4.693	ug/L	100
52) Ethylbenzene	9.011	91	304078	4.568	ug/L	98
53) m,p-Xylene	9.137	106	113505	4.559	ug/L	100
54) o-Xylene	9.542	106	111869	4.636	ug/L	97
55) Styrene	9.561	104	193063	4.729	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	56849	5.121	ug/L	98
59) Bromoform	9.731	173	21083	4.709	ug/L	99
60) Isopropylbenzene	9.928	105	306316	4.720	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	40760	5.131	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	87333	4.473	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	239648	4.489	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	129787	4.741	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	127787	4.762	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	117464	4.783	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	7692	4.664	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.635	180	89469	4.467	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	70455	4.619	ug/L	97
71) Naphthalene	13.493	128	106654	4.666	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	62246	4.952	ug/L	98

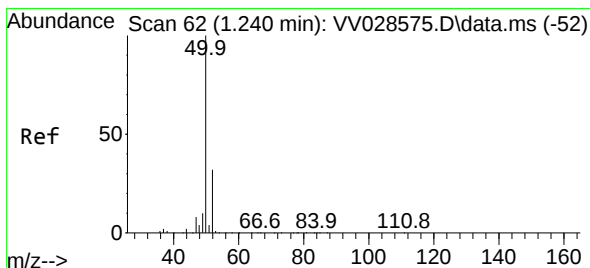
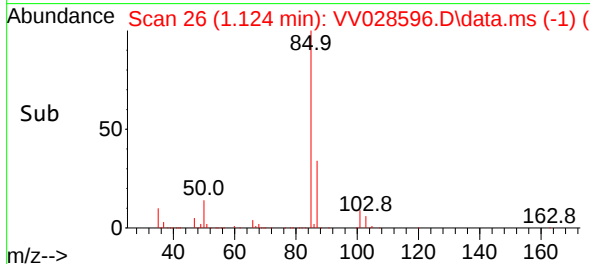
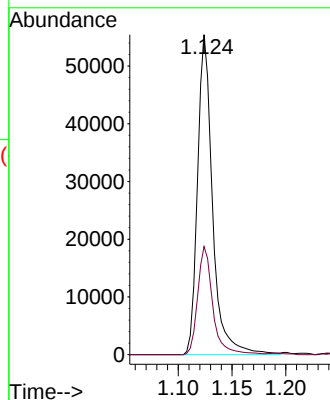
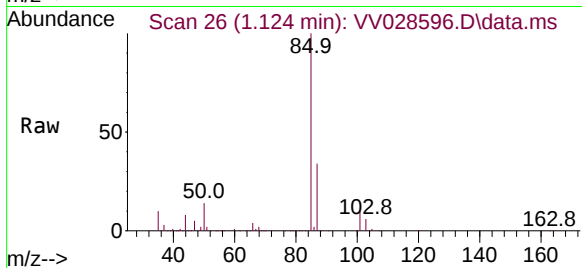
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.479 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

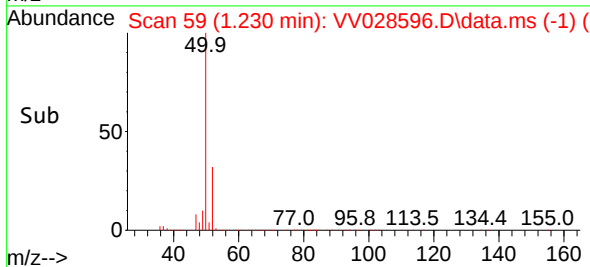
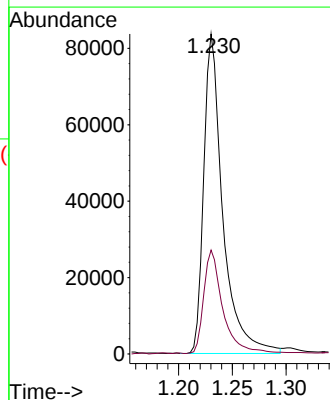
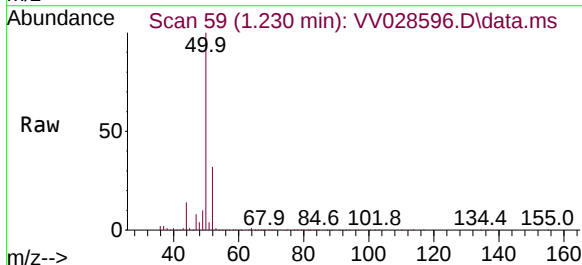
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

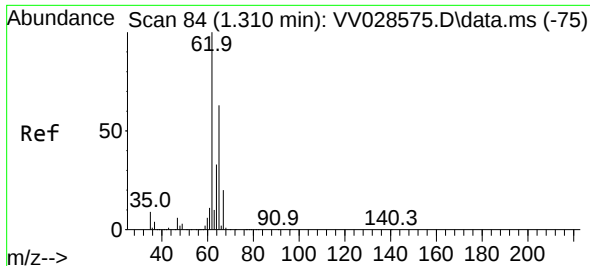
Tgt Ion: 85 Resp: 53961
Ion Ratio Lower Upper
85 100
87 33.9 25.4 38.2



#3
Chloromethane
Concen: 3.967 ug/L
RT: 1.230 min Scan# 59
Delta R.T. -0.009 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 50 Resp: 102977
Ion Ratio Lower Upper
50 100
52 32.4 22.0 41.0

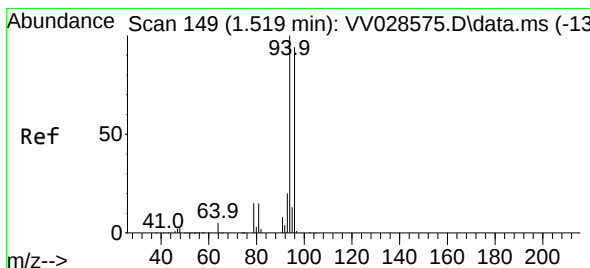
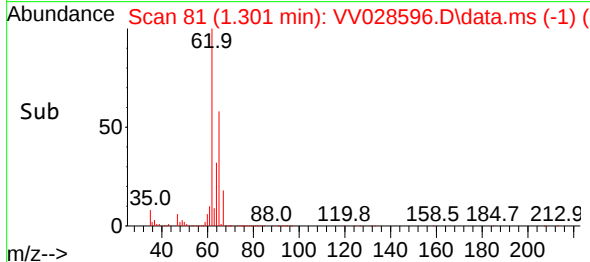
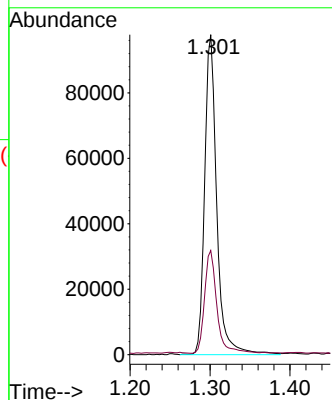
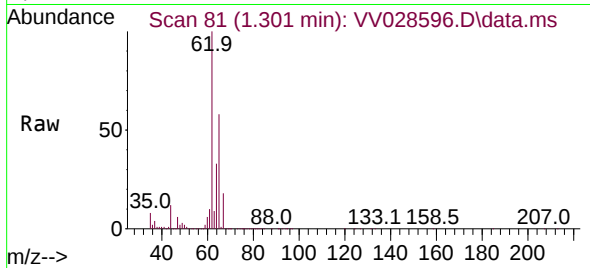




#5
 Vinyl chloride
 Concen: 4.078 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

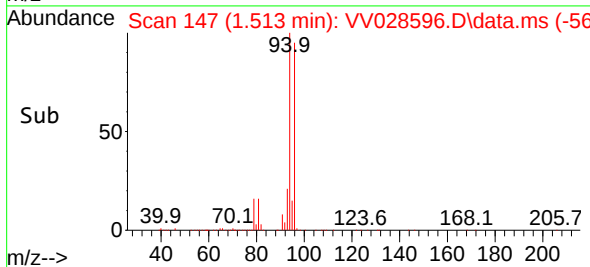
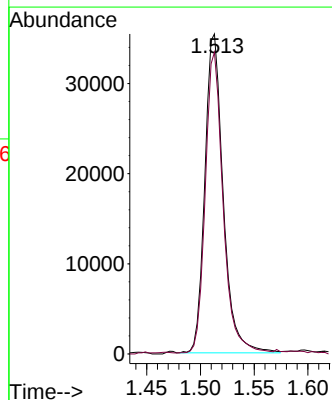
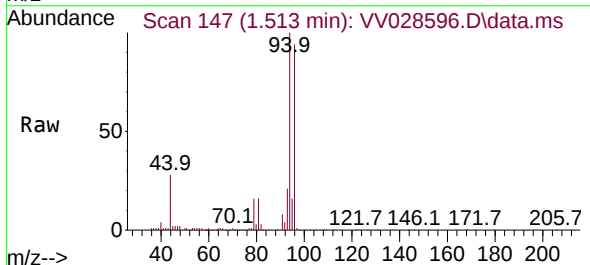
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA2

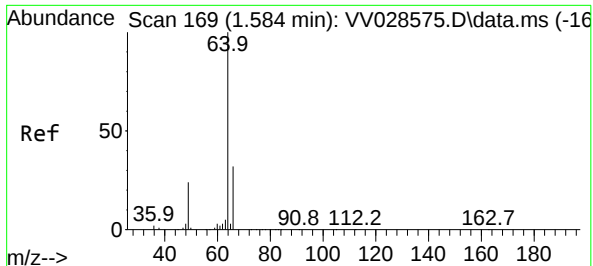
Tgt Ion: 62 Resp: 103120
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 44.1



#6
 Bromomethane
 Concen: 3.703 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

Tgt Ion: 94 Resp: 42156
 Ion Ratio Lower Upper
 94 100
 96 94.3 67.0 124.4

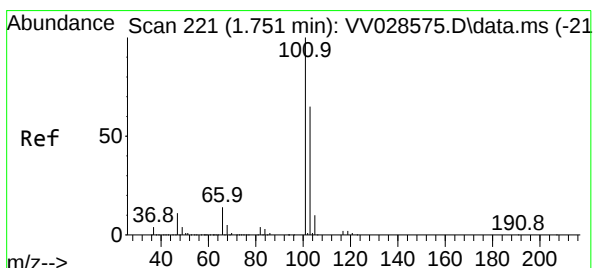
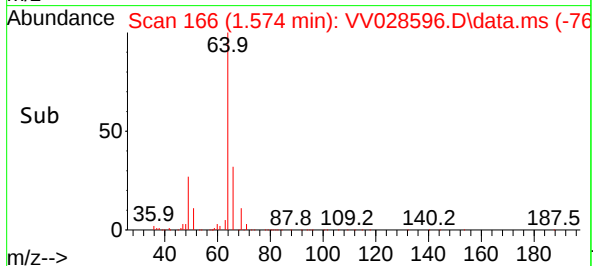
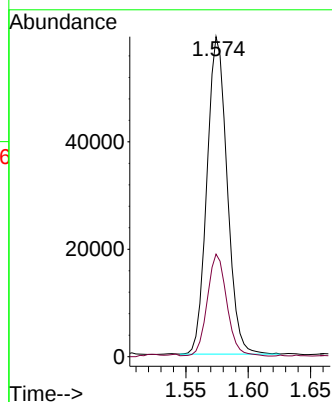
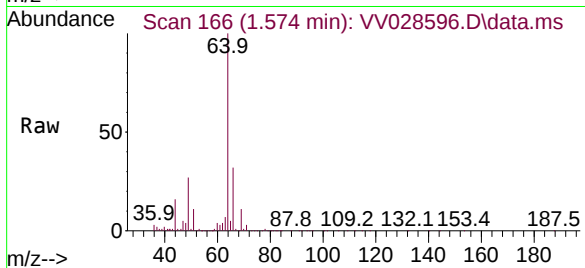




#8
Chloroethane
Concen: 4.058 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

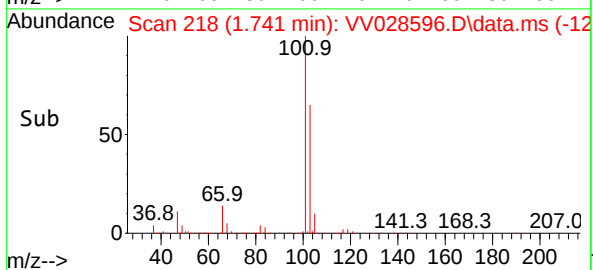
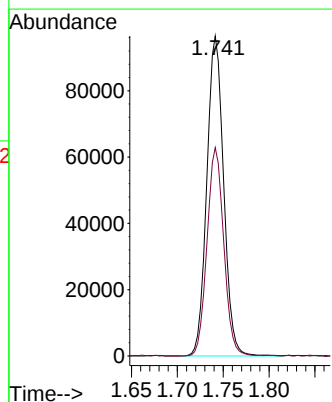
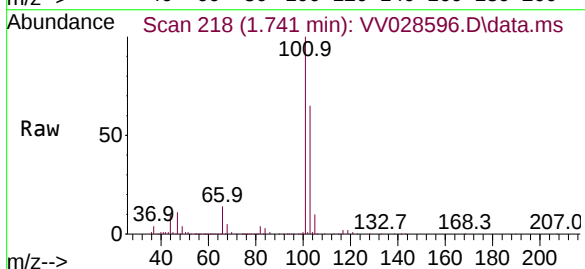
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

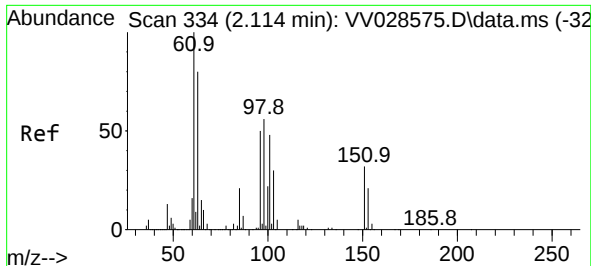
Tgt Ion: 64 Resp: 66549
Ion Ratio Lower Upper
64 100
66 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 3.984 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 101 Resp: 123119
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

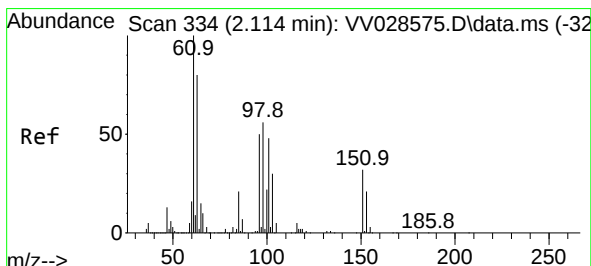
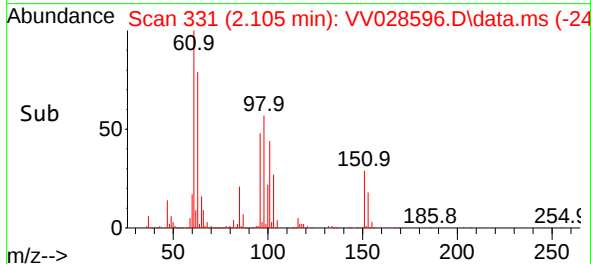
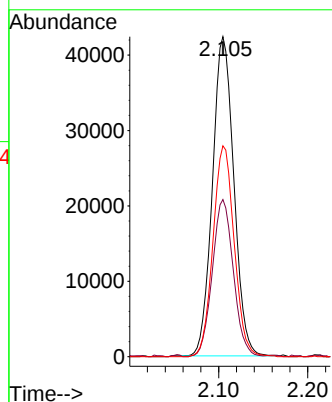
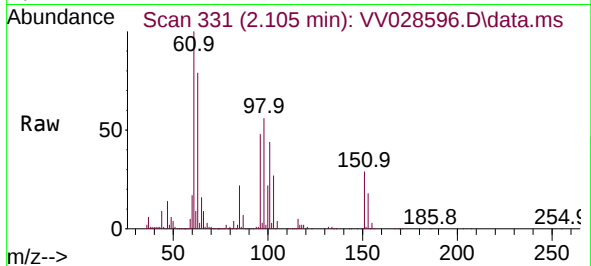




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.879 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.009 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

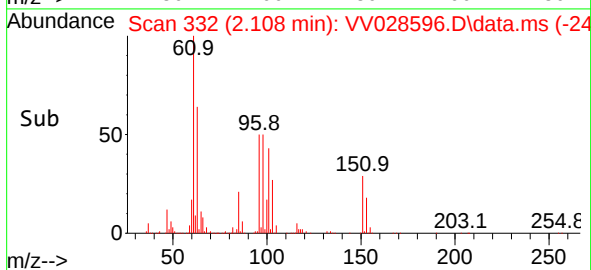
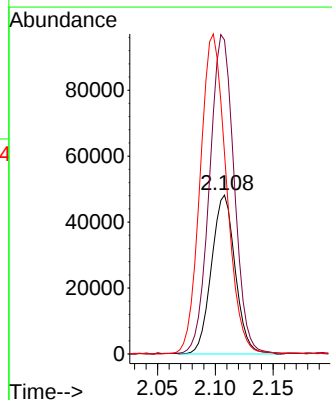
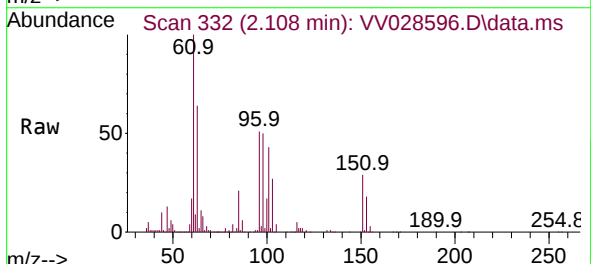
Instrument :
 MSVOA_V
 ClientSampleId :
 COBA2

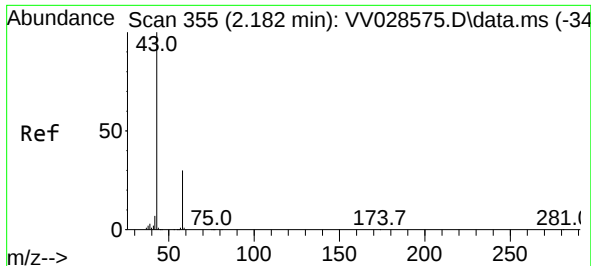
Tgt Ion:101 Resp: 70665
 Ion Ratio Lower Upper
 101 100
 85 48.4 37.3 55.9
 151 65.5 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 4.031 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

Tgt Ion: 96 Resp: 68830
 Ion Ratio Lower Upper
 96 100
 61 197.5 142.9 265.5
 63 126.2 102.3 190.1

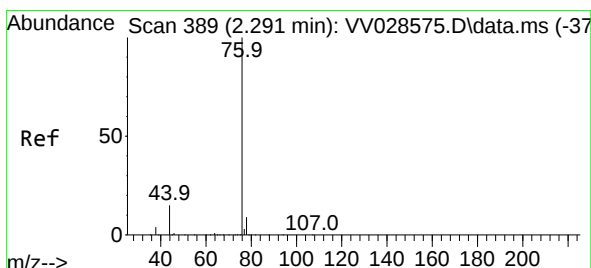
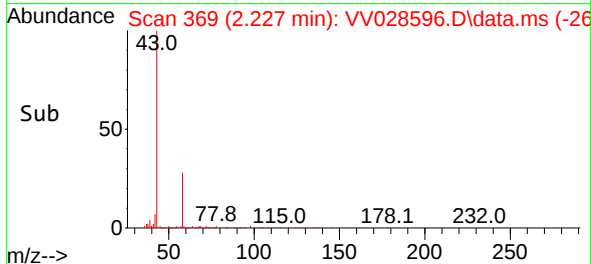
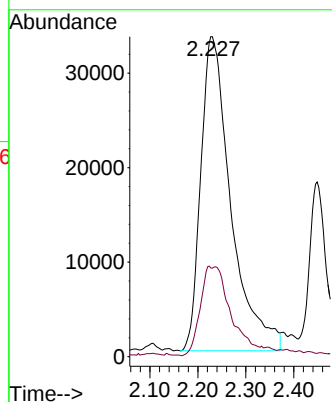
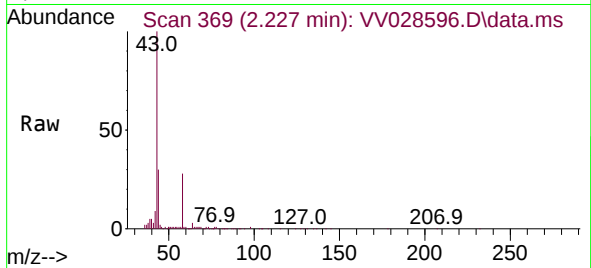




#13
Acetone
Concen: 40.651 ug/L
RT: 2.227 min Scan# 30
Delta R.T. 0.045 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

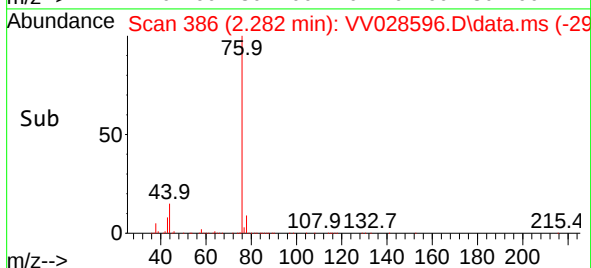
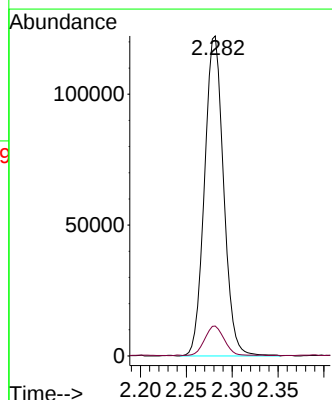
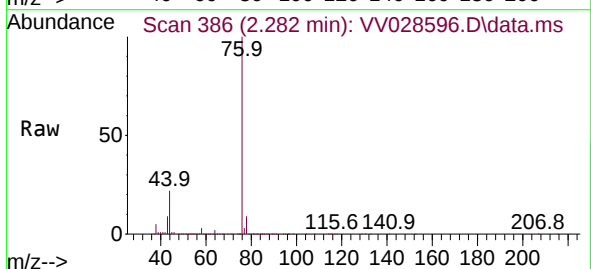
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

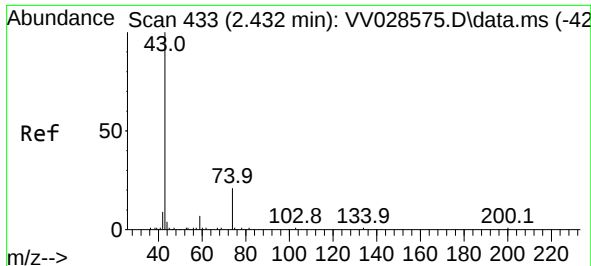
Tgt Ion: 43 Resp: 145026
Ion Ratio Lower Upper
43 100
58 11.6 0.0 48.6



#14
Carbon disulfide
Concen: 3.700 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 76 Resp: 176878
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

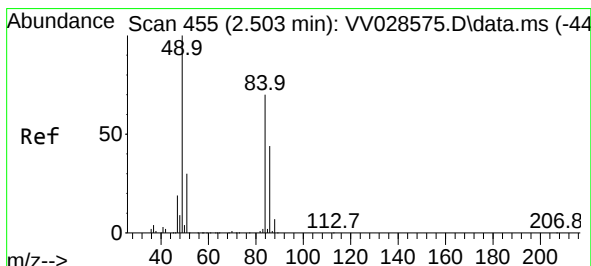
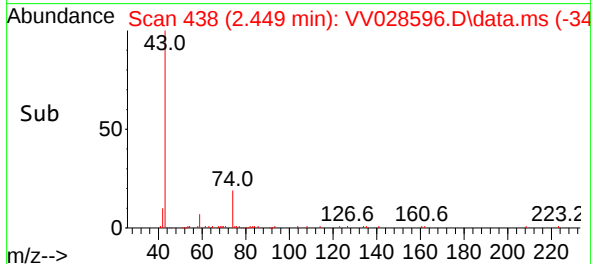
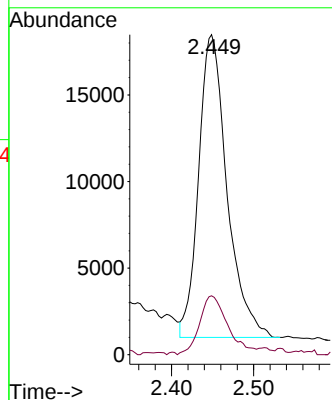
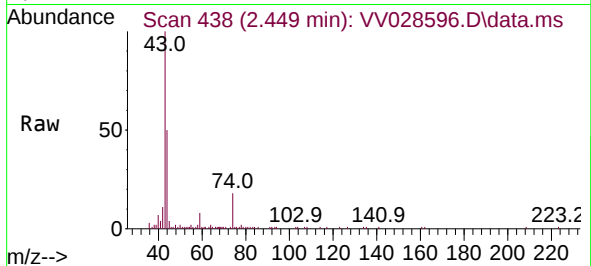




#15
Methyl Acetate
Concen: 4.981 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.016 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

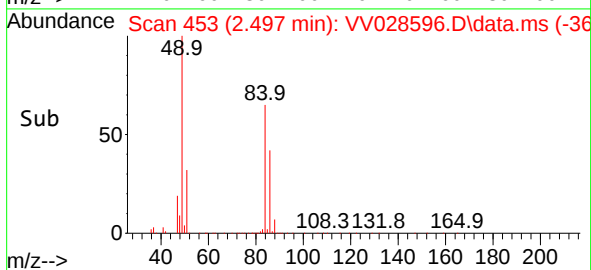
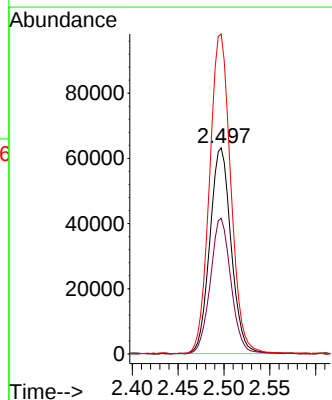
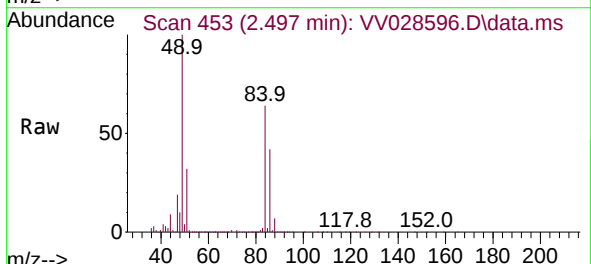
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

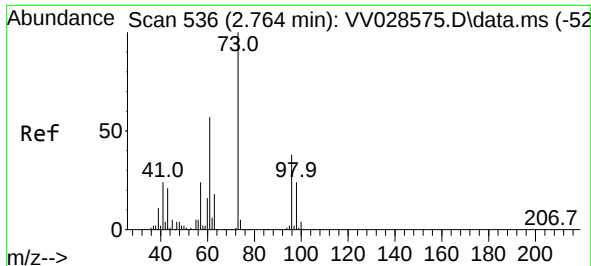
Tgt Ion: 43 Resp: 42050
Ion Ratio Lower Upper
43 100
74 19.4 13.8 20.6



#16
Methylene chloride
Concen: 4.237 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.006 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 84 Resp: 102032
Ion Ratio Lower Upper
84 100
86 65.9 42.8 79.6
49 155.3 106.4 197.6

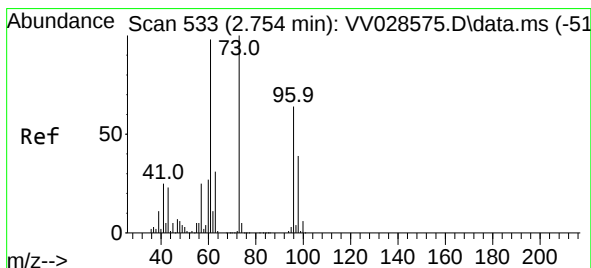
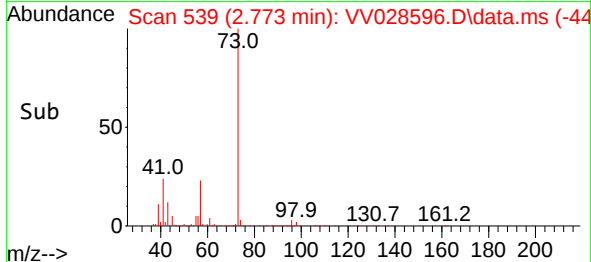
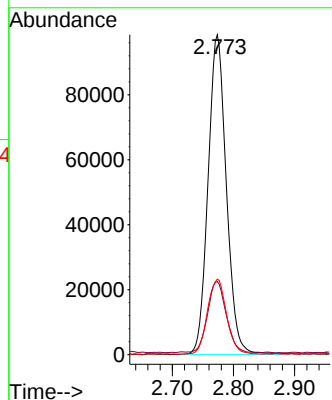
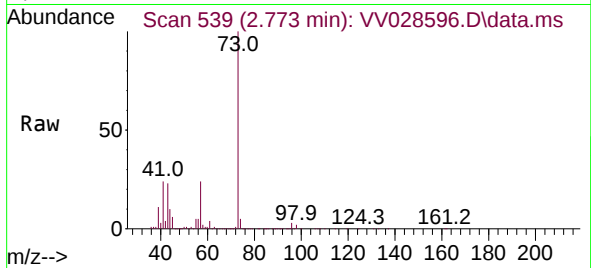




#17
Methyl tert-butyl Ether
Concen: 4.708 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

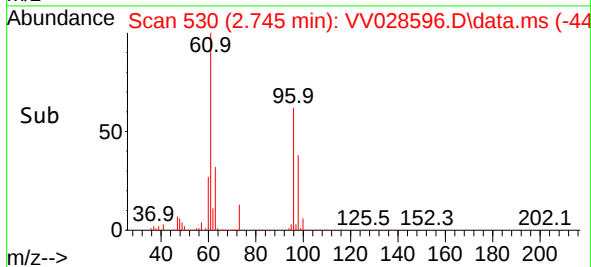
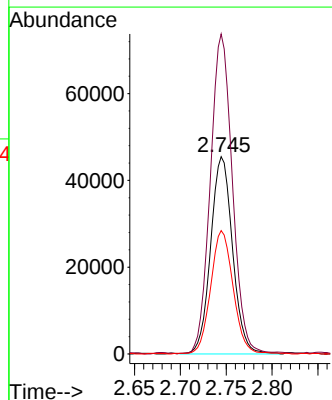
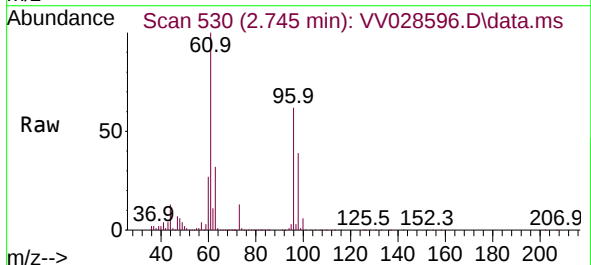
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

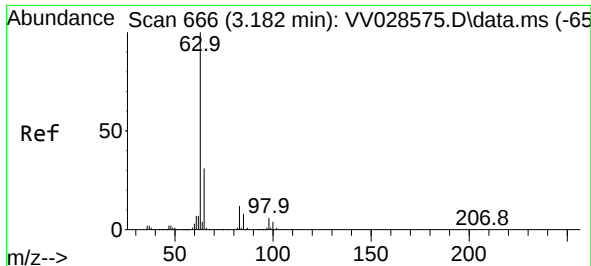
Tgt Ion: 73 Resp: 204173
Ion Ratio Lower Upper
73 100
43 22.5 18.2 27.2
57 24.5 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.256 ug/L
RT: 2.745 min Scan# 530
Delta R.T. -0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 96 Resp: 75782
Ion Ratio Lower Upper
96 100
61 162.2 111.2 206.6
98 62.6 42.9 79.7





#19

1,1-Dichloroethane

Concen: 4.389 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

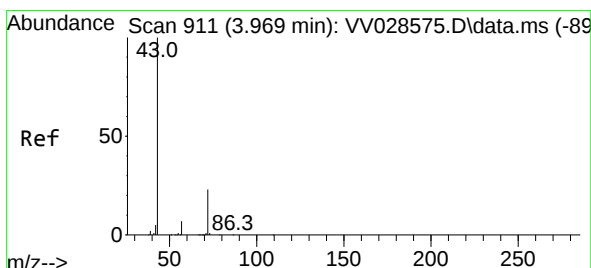
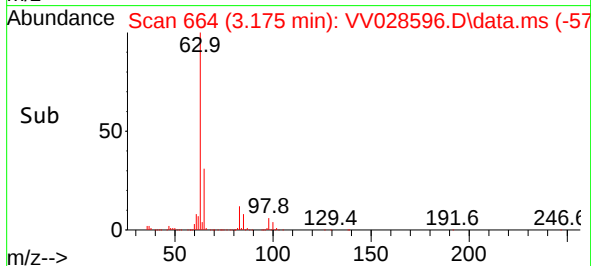
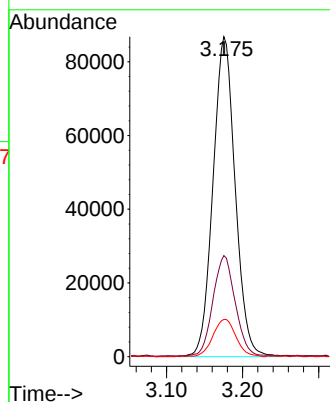
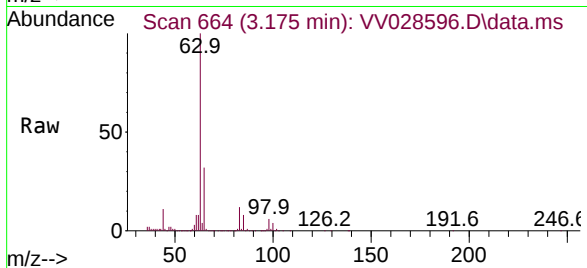
Tgt Ion: 63 Resp: 175888

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 11.7 8.5 15.7



#21

2-Butanone

Concen: 51.309 ug/L

RT: 4.027 min Scan# 929

Delta R.T. 0.058 min

Lab File: VV028596.D

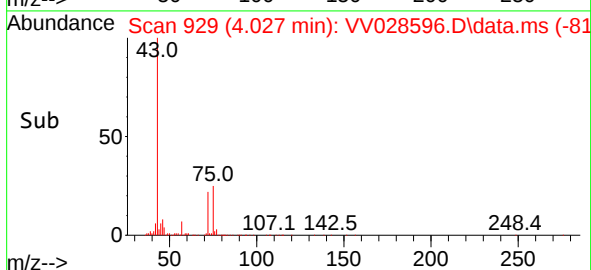
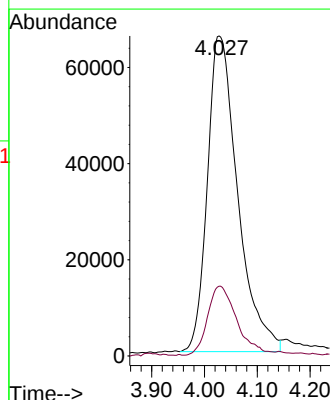
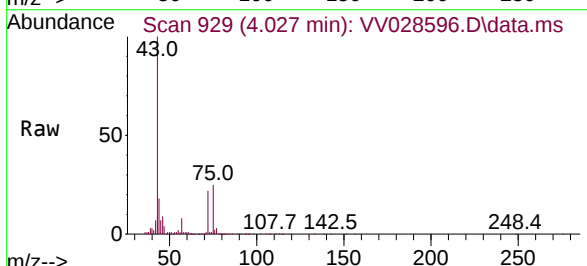
Acq: 17 Oct 2022 18:08

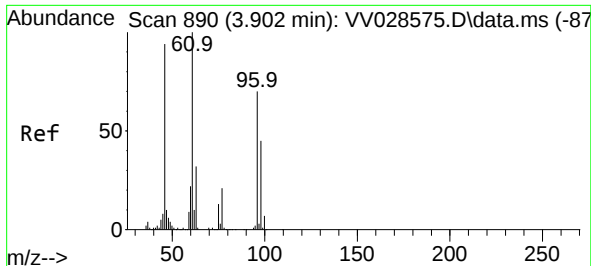
Tgt Ion: 43 Resp: 262178

Ion Ratio Lower Upper

43 100

72 21.2 11.1 33.3

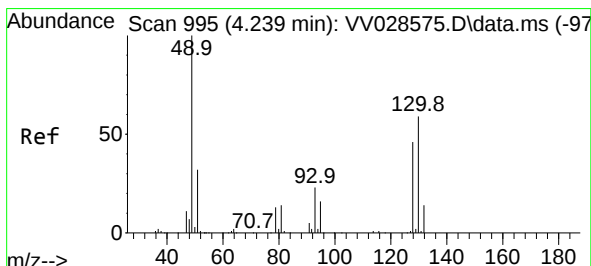
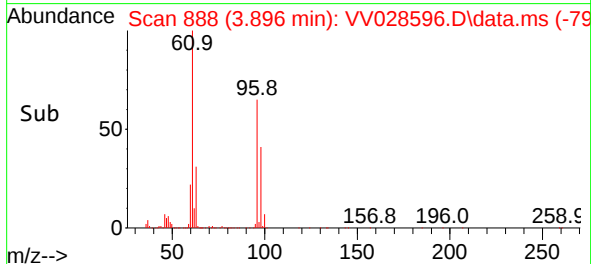
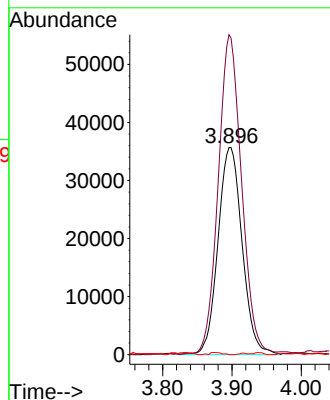
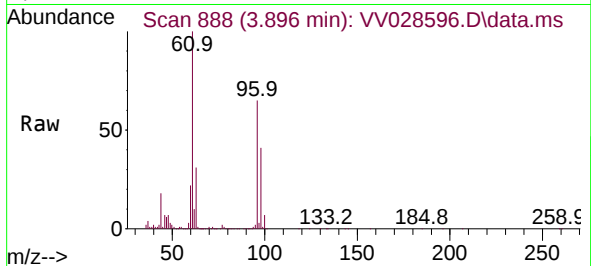




#22
 cis-1,2-Dichloroethene
 Concen: 4.289 ug/L
 RT: 3.896 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

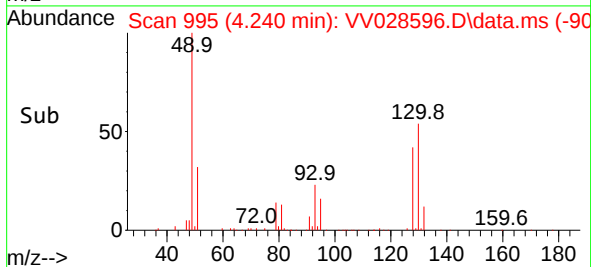
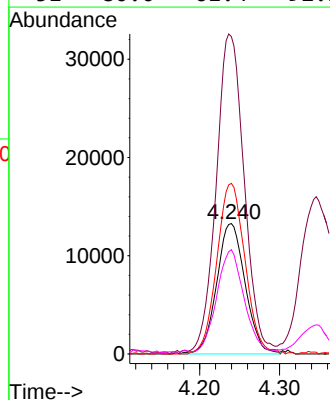
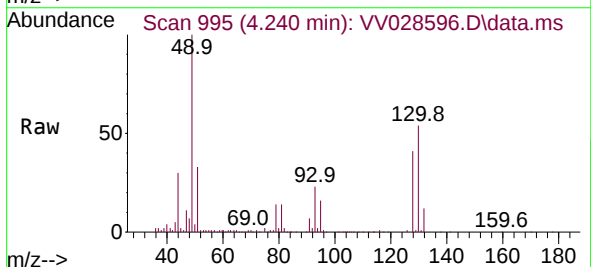
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA2

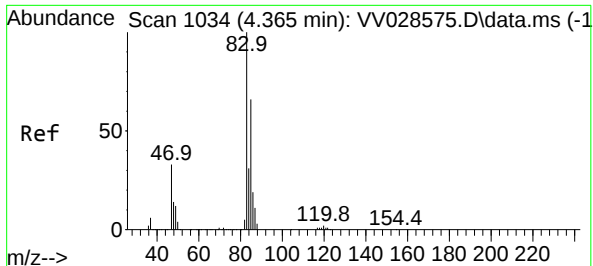
Tgt Ion: 96 Resp: 86339
 Ion Ratio Lower Upper
 96 100
 61 154.4 105.1 195.3
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.247 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028596.D
 Acq: 17 Oct 2022 18:08

Tgt Ion:128 Resp: 32781
 Ion Ratio Lower Upper
 128 100
 49 243.3 165.8 308.0
 130 130.9 88.8 165.0
 51 80.0 61.4 92.2

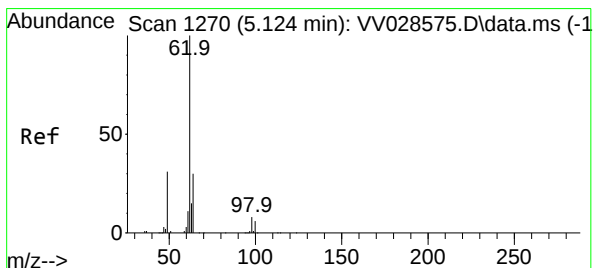
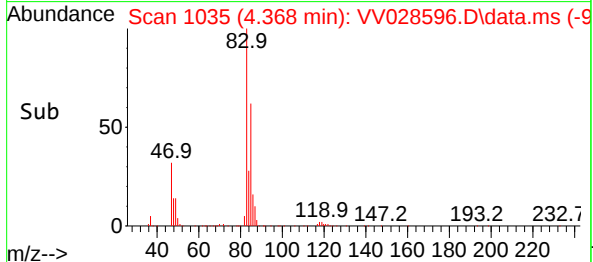
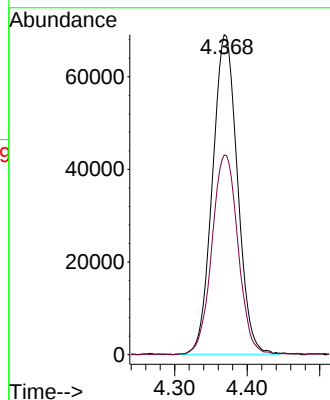
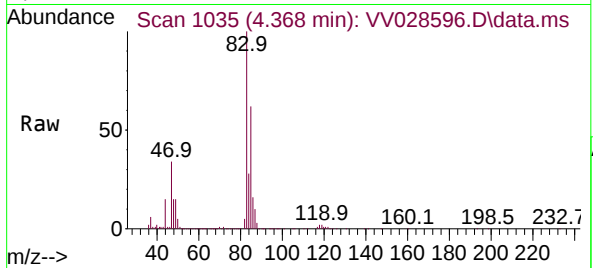




#25
Chloroform
Concen: 4.340 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

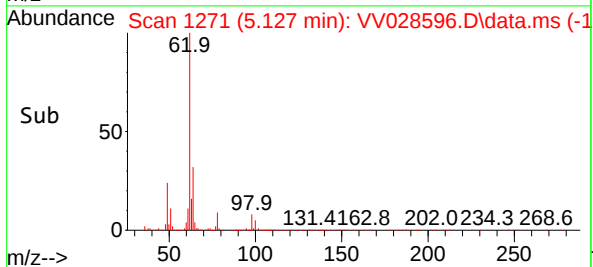
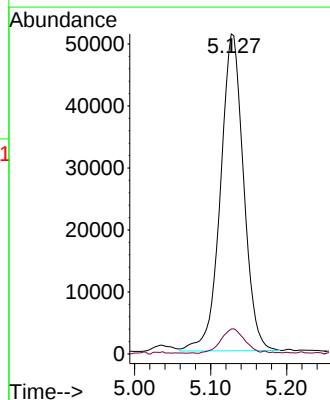
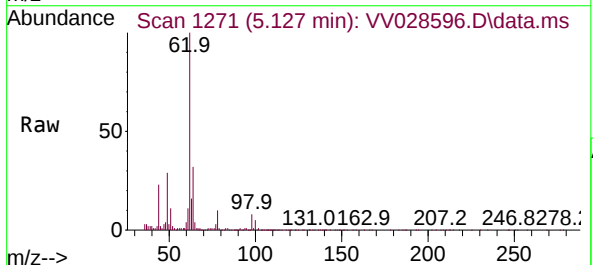
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

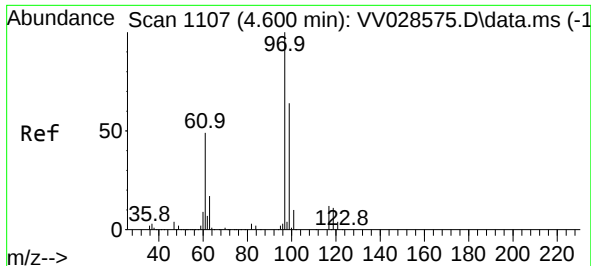
Tgt Ion: 83 Resp: 164795
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.778 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 62 Resp: 108025
Ion Ratio Lower Upper
62 100
98 7.8 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.220 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

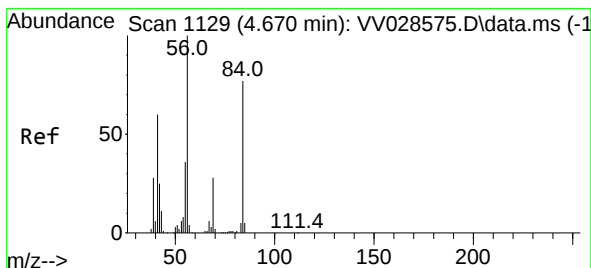
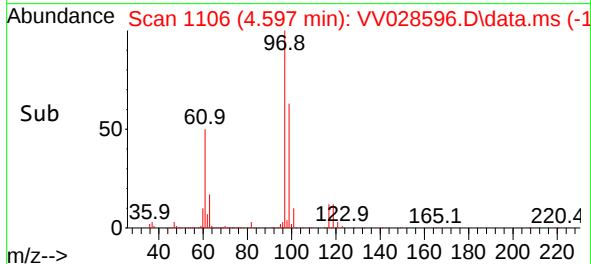
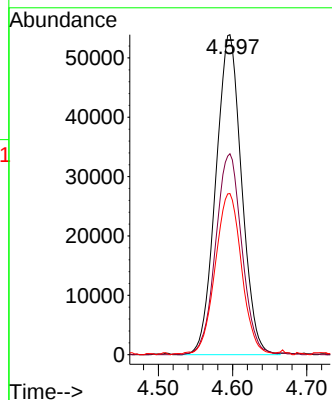
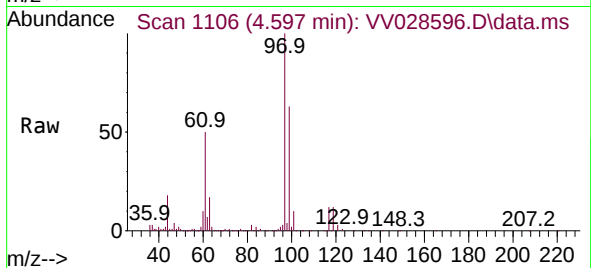
Tgt Ion: 97 Resp: 130415

Ion Ratio Lower Upper

97 100

99 63.7 52.6 78.8

61 51.7 42.1 63.1



#30

Cyclohexane

Concen: 5.154 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. -0.016 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

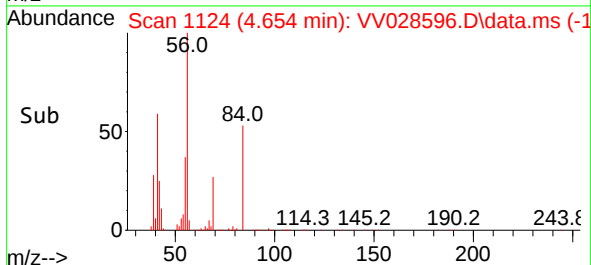
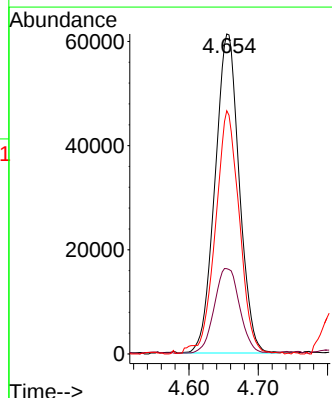
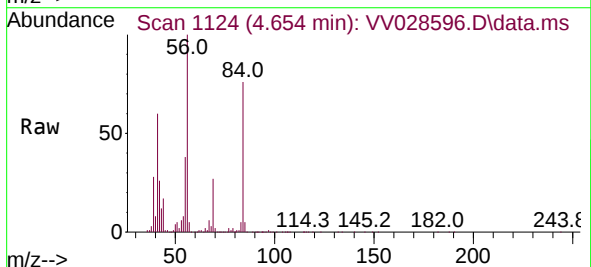
Tgt Ion: 56 Resp: 148681

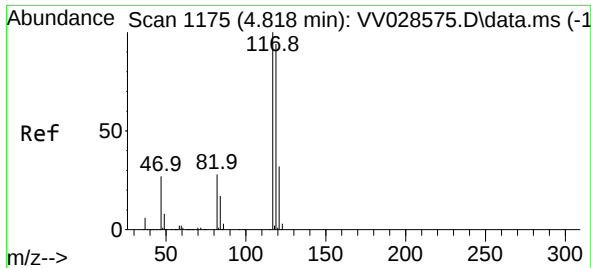
Ion Ratio Lower Upper

56 100

69 28.1 22.4 33.6

84 75.1 60.1 90.1

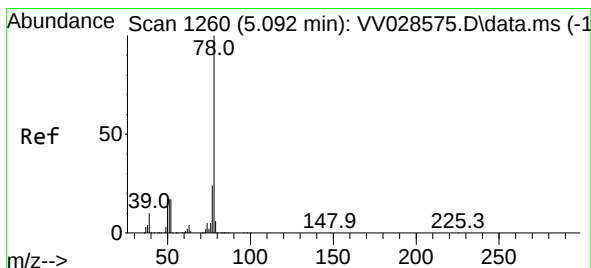
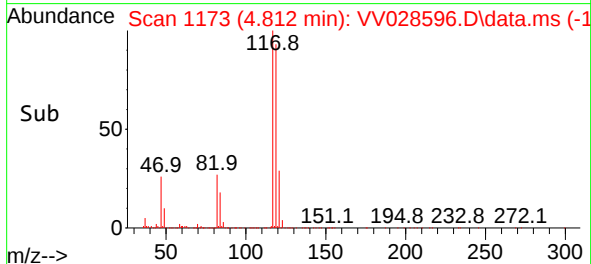
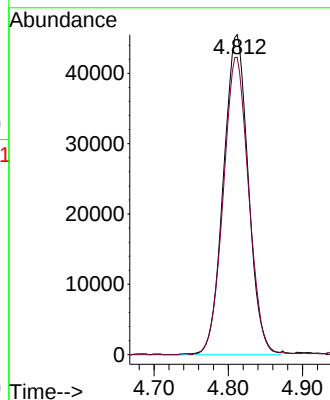
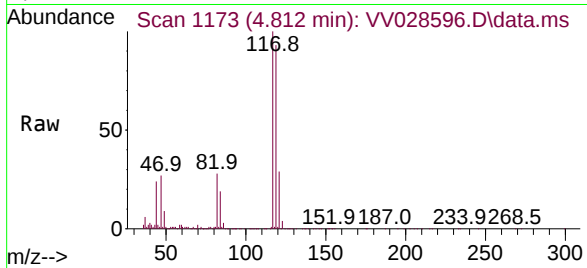




#31
Carbon tetrachloride
Concen: 5.382 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

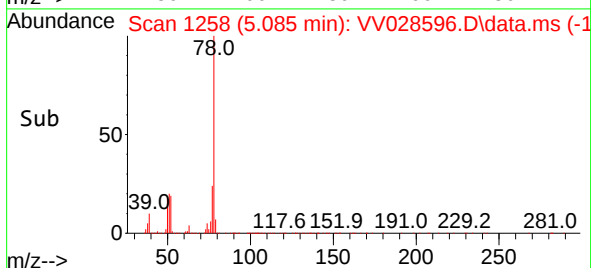
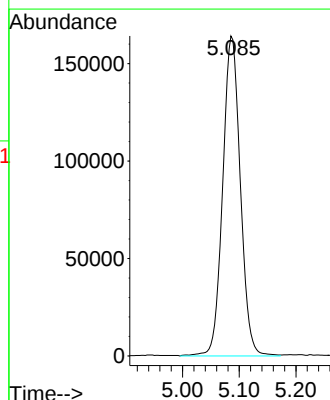
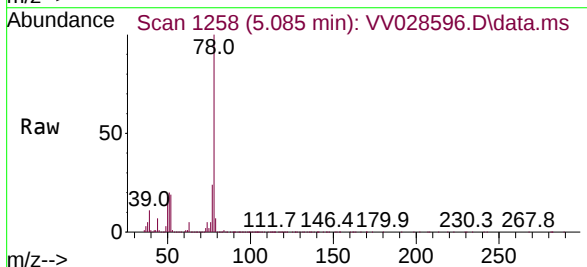
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

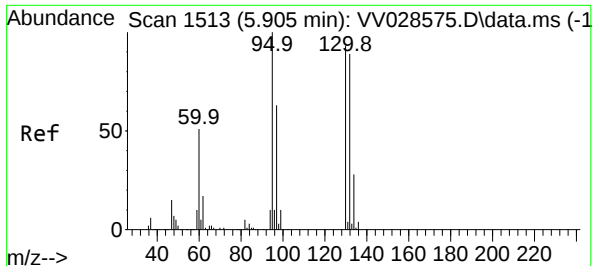
Tgt Ion:117 Resp: 105718
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3



#33
Benzene
Concen: 5.556 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 78 Resp: 354852

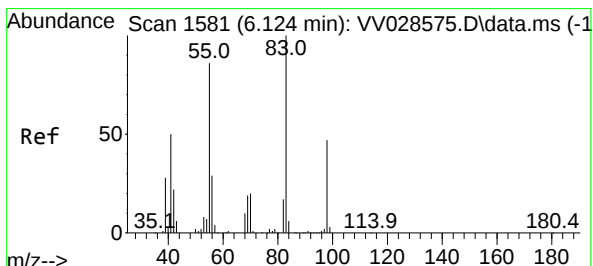
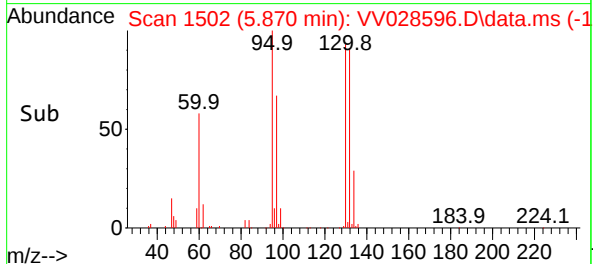
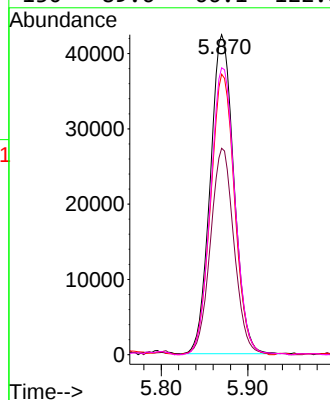
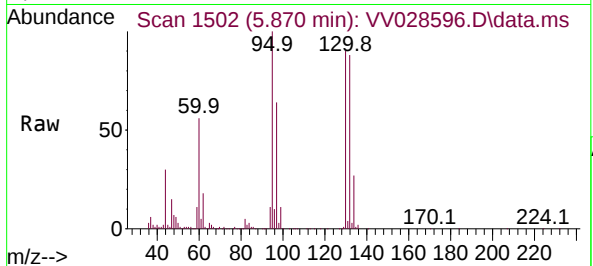




#34
Trichloroethene
Concen: 5.288 ug/L
RT: 5.870 min Scan# 1502
Delta R.T. -0.035 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

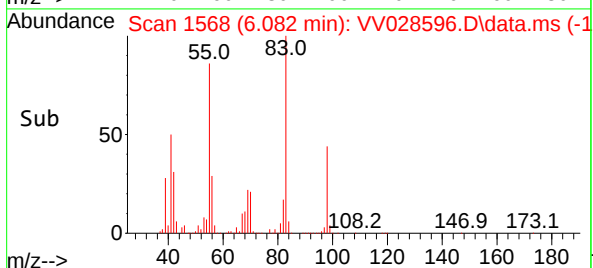
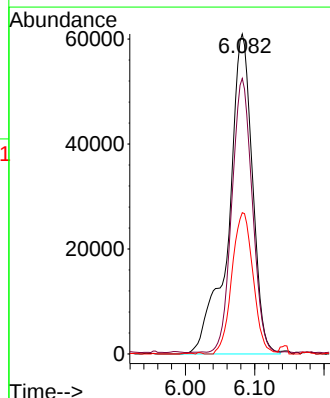
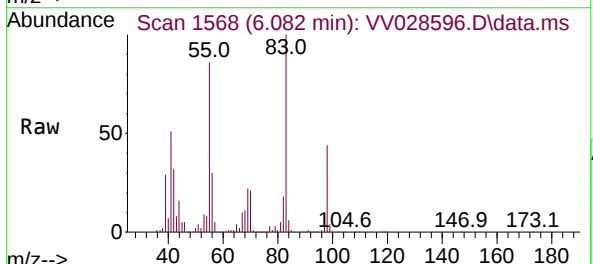
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

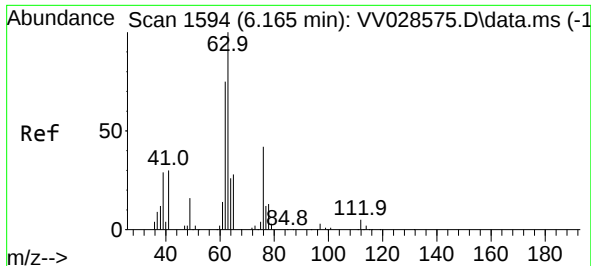
Tgt Ion:	95	Resp:	80652
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.2	85.8
132	87.7	65.1	120.9
130	89.6	66.1	122.8



#35
Methylcyclohexane
Concen: 5.745 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.042 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion:	83	Resp:	145894
Ion	Ratio	Lower	Upper
83	100		
55	72.7	65.0	97.6
98	39.0	36.4	54.6





#37

1,2-Dichloropropane

Concen: 5.577 ug/L

RT: 6.146 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

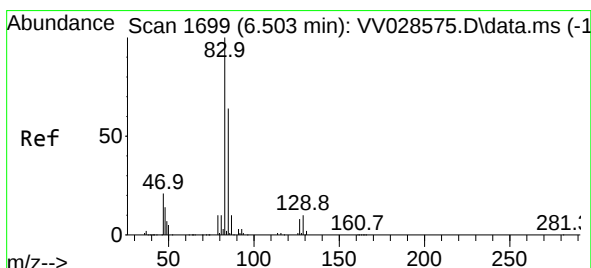
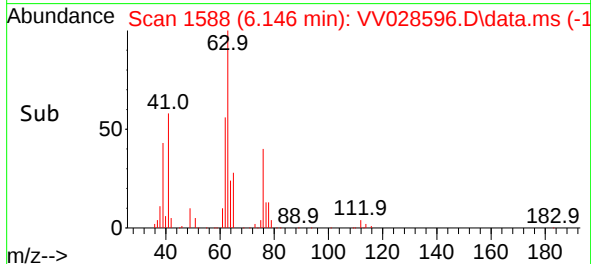
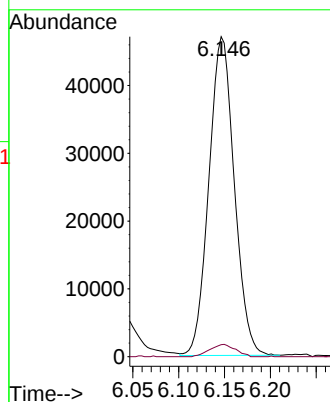
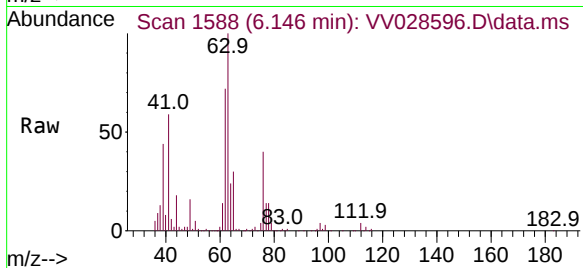
C0BA2

Tgt Ion: 63 Resp: 90648

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 4.889 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.010 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

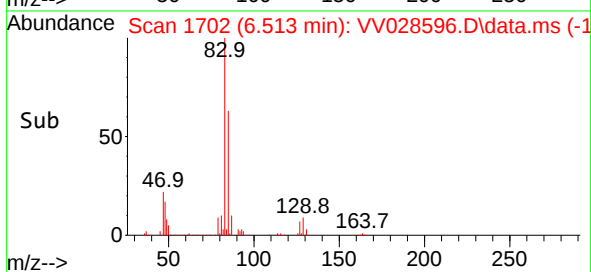
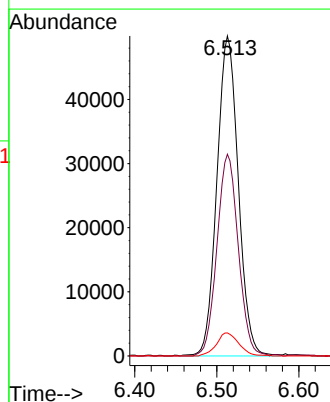
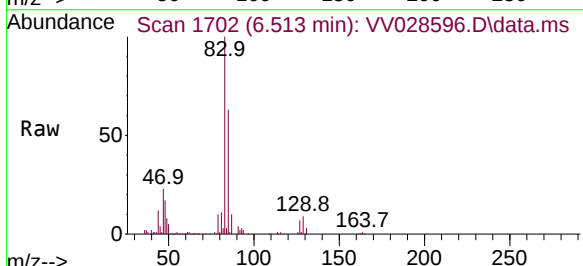
Tgt Ion: 83 Resp: 90616

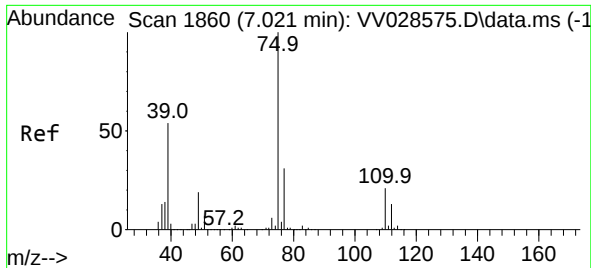
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.387 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

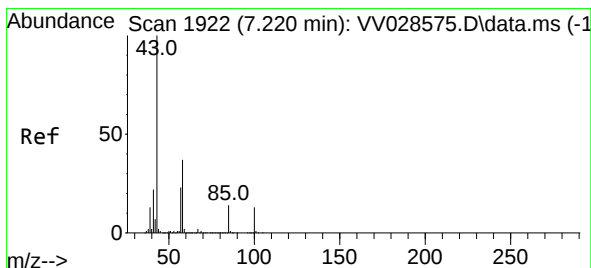
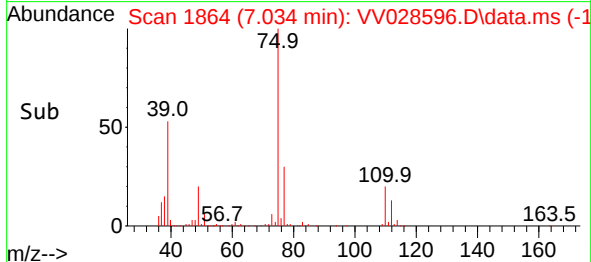
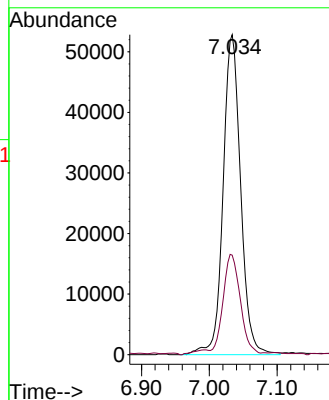
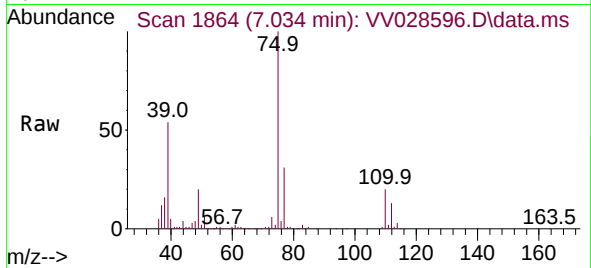
C0BA2

Tgt Ion: 75 Resp: 94999

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.047 ug/L

RT: 7.259 min Scan# 1934

Delta R.T. 0.039 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

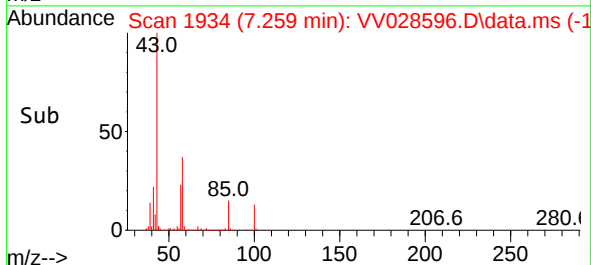
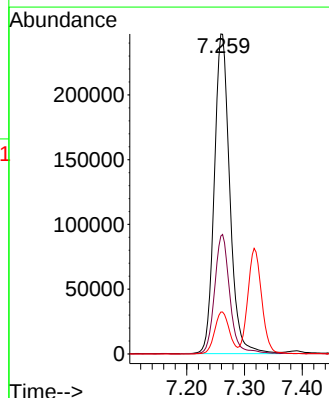
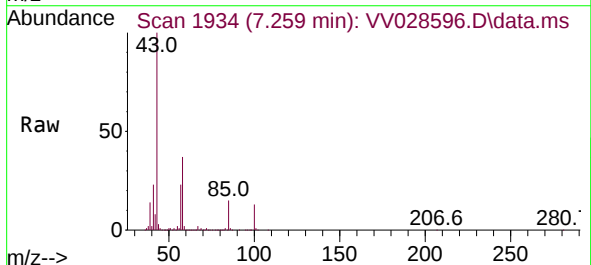
Tgt Ion: 43 Resp: 460658

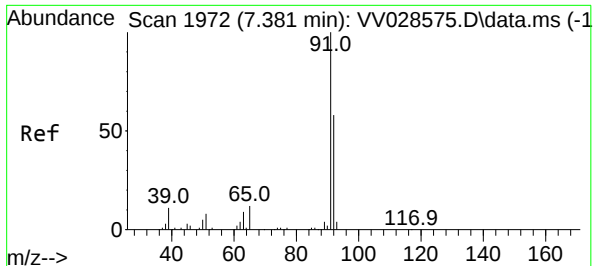
Ion Ratio Lower Upper

43 100

58 36.7 29.3 43.9

100 12.6 10.0 15.0





#42

Toluene

Concen: 4.673 ug/L

RT: 7.391 min Scan# 1972

Delta R.T. 0.010 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

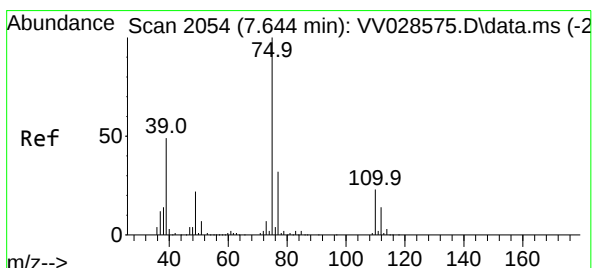
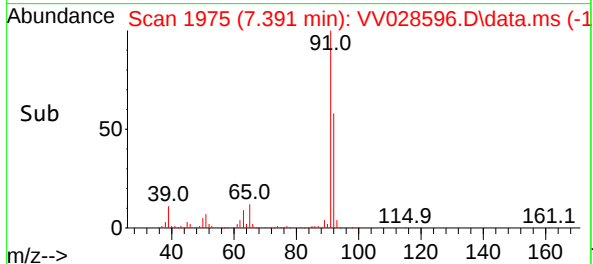
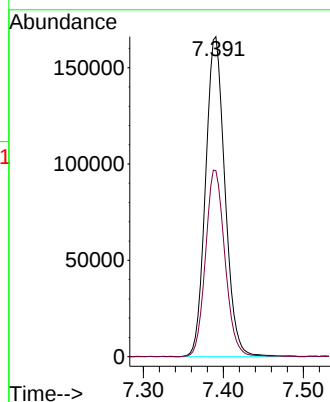
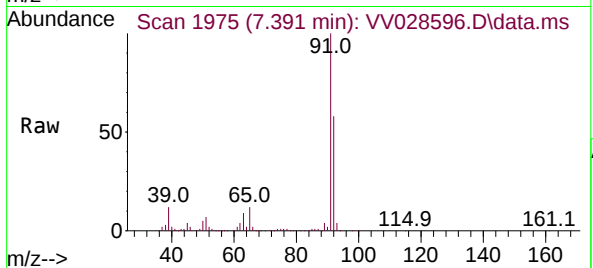
C0BA2

Tgt Ion: 91 Resp: 280043

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.603 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.016 min

Lab File: VV028596.D

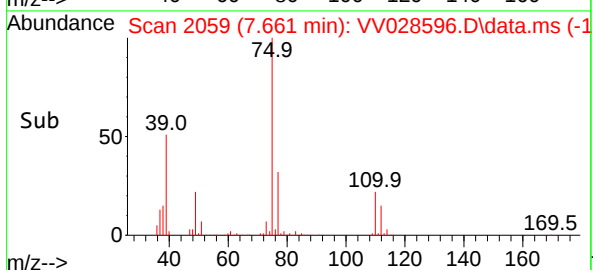
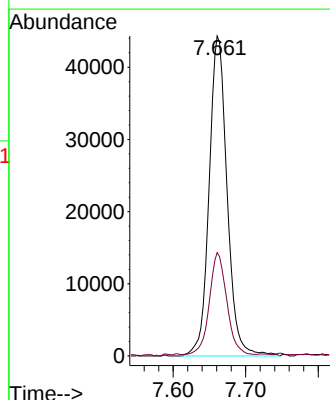
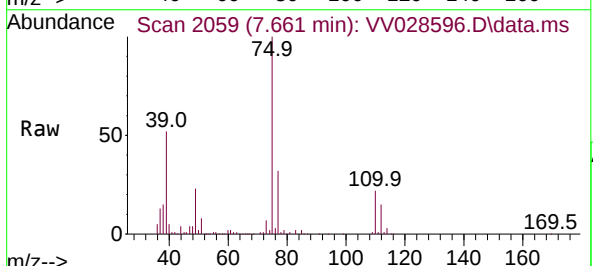
Acq: 17 Oct 2022 18:08

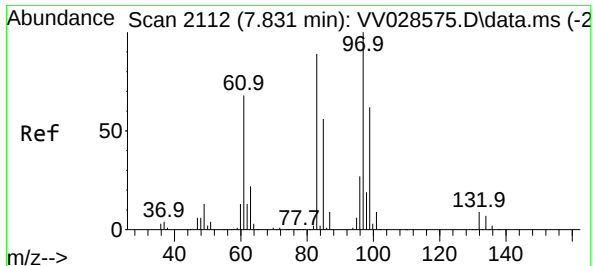
Tgt Ion: 75 Resp: 76429

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.043 ug/L

RT: 7.850 min Scan# 2118

Delta R.T. 0.019 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

Tgt Ion: 97 Resp: 45561

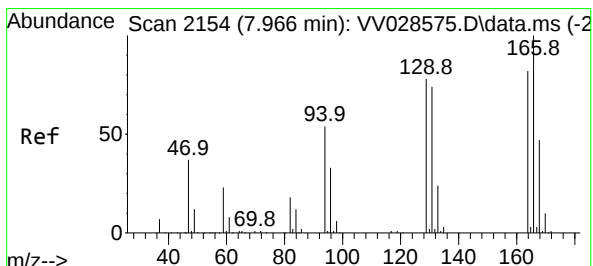
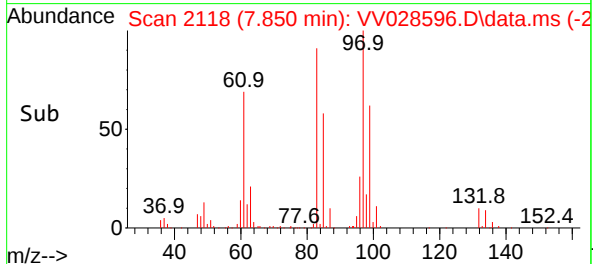
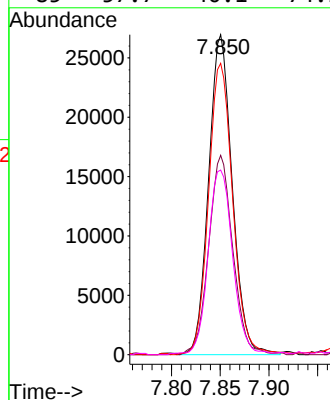
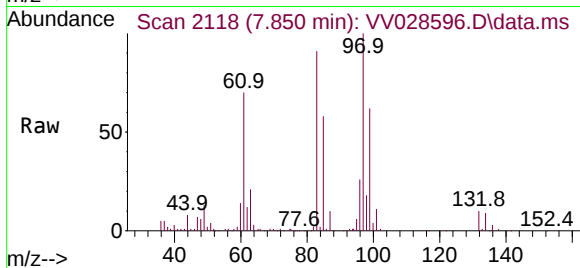
Ion Ratio Lower Upper

97 100

99 62.3 44.4 82.4

83 91.1 63.1 117.1

85 57.7 40.1 74.5



#47

Tetrachloroethene

Concen: 4.492 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.010 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Tgt Ion:164 Resp: 44601

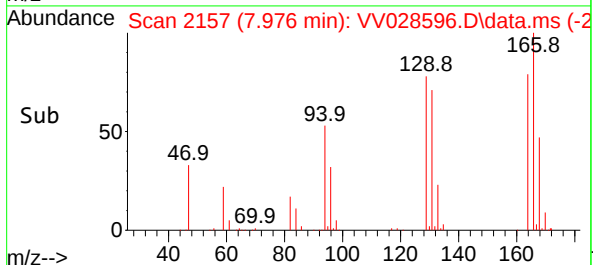
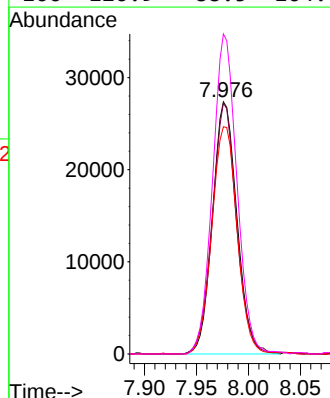
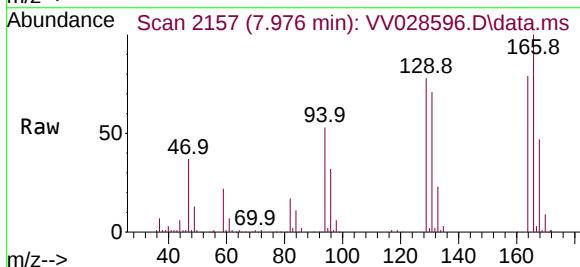
Ion Ratio Lower Upper

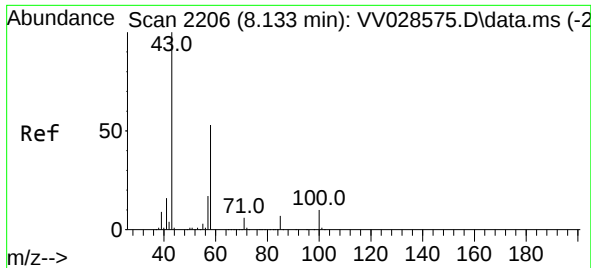
164 100

129 99.5 69.3 128.7

131 90.1 67.3 125.1

166 126.9 88.5 164.4

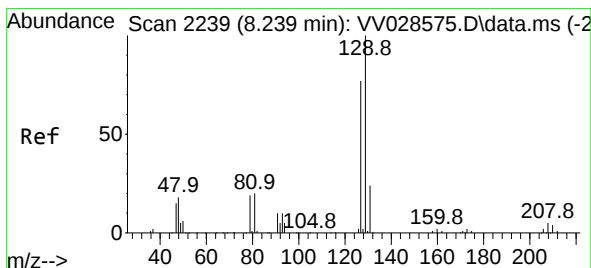
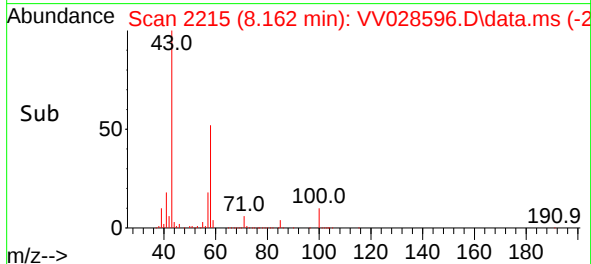
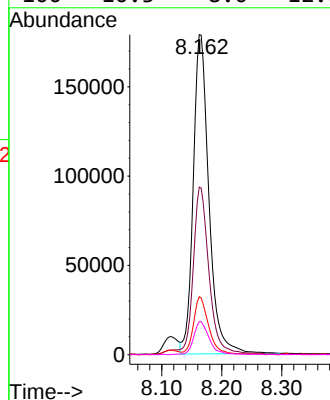
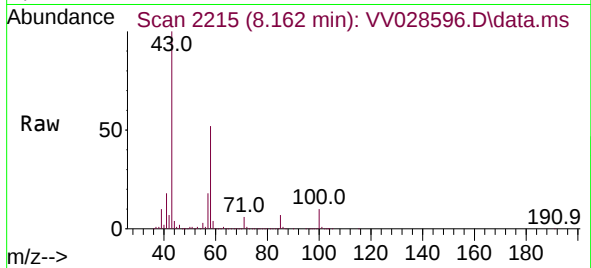




#48
2-Hexanone
Concen: 53.189 ug/L
RT: 8.162 min Scan# 211
Delta R.T. 0.029 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

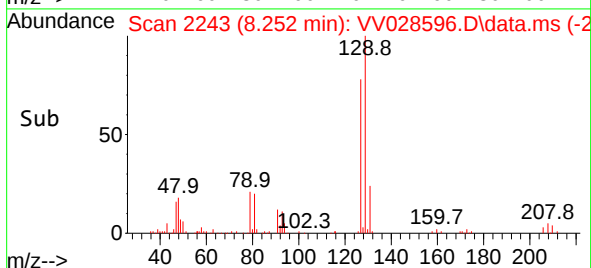
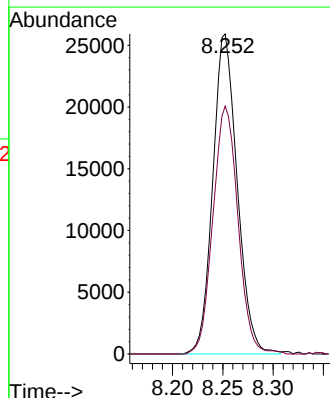
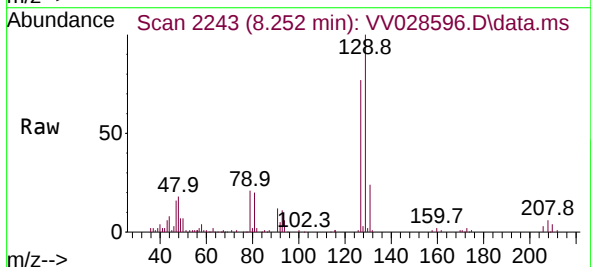
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

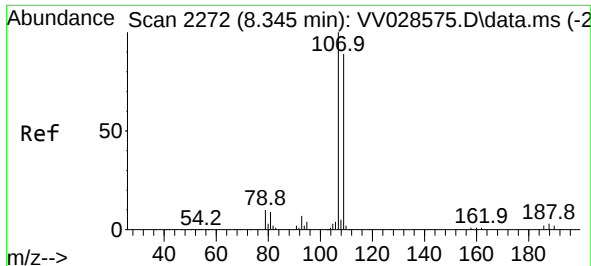
Tgt Ion: 43 Resp: 325630
Ion Ratio Lower Upper
43 100
58 54.5 42.5 63.7
57 17.3 14.5 21.7
100 10.3 8.0 12.0



#49
Dibromochloromethane
Concen: 4.548 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.013 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 129 Resp: 43825
Ion Ratio Lower Upper
129 100
127 77.5 53.8 100.0

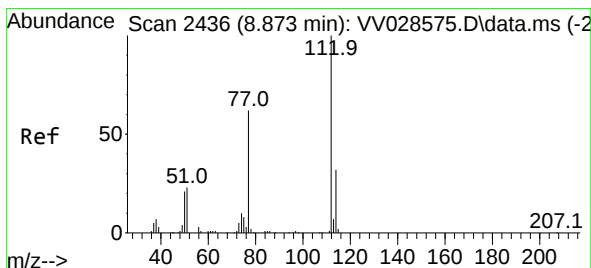
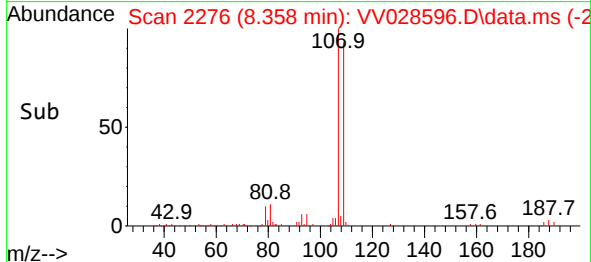
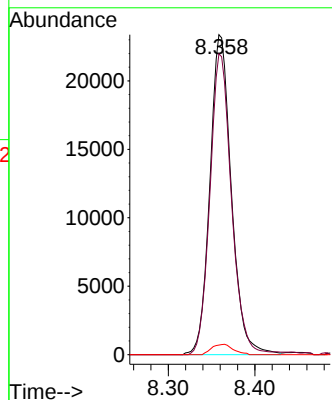
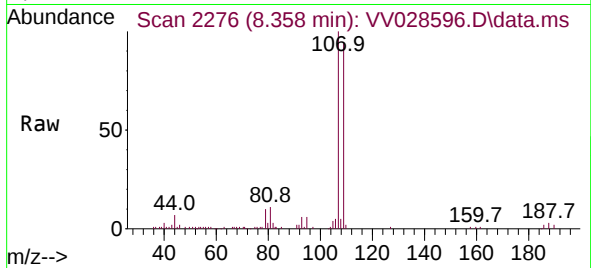




#50
1,2-Dibromoethane
Concen: 5.066 ug/L
RT: 8.358 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

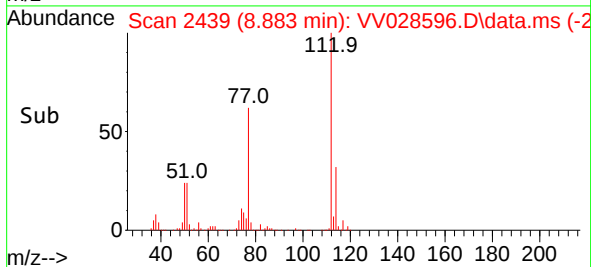
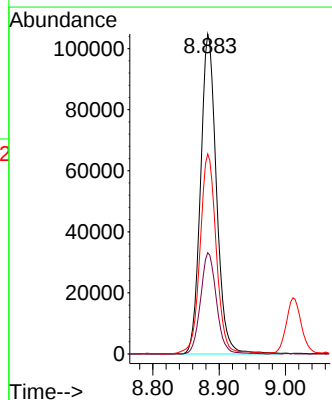
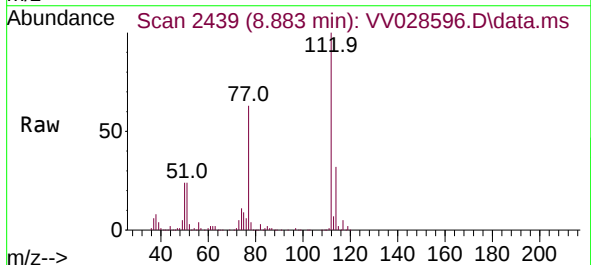
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

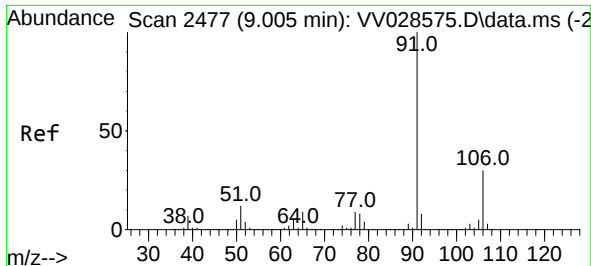
Tgt Ion:107 Resp: 40306
Ion Ratio Lower Upper
107 100
109 94.0 64.1 119.1
188 3.0 3.3 4.9#



#51
Chlorobenzene
Concen: 4.693 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion:112 Resp: 174358
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 62.5 50.2 75.2

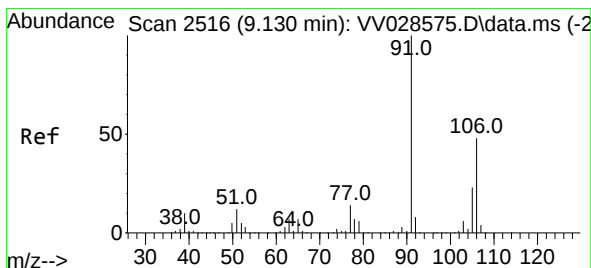
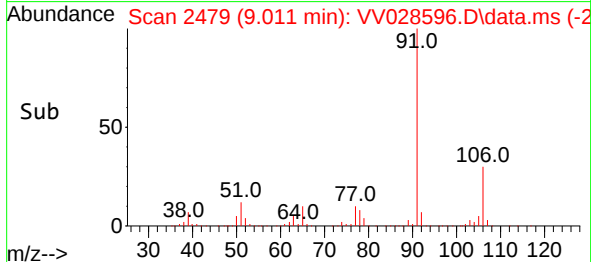
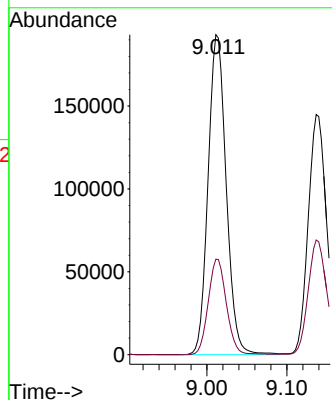
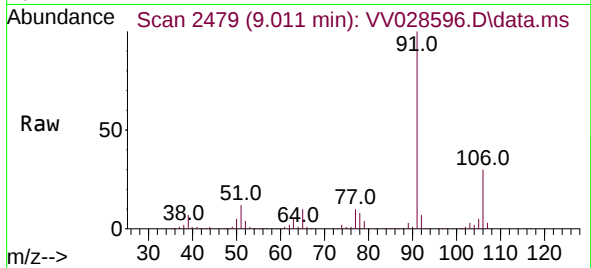




#52
Ethylbenzene
Concen: 4.568 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.007 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

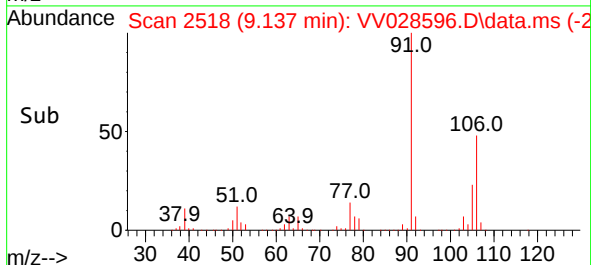
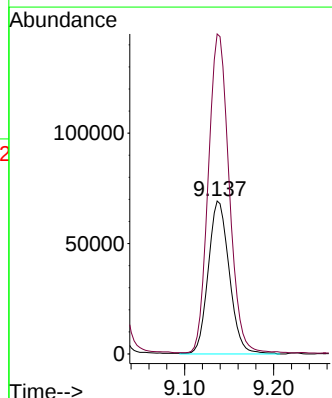
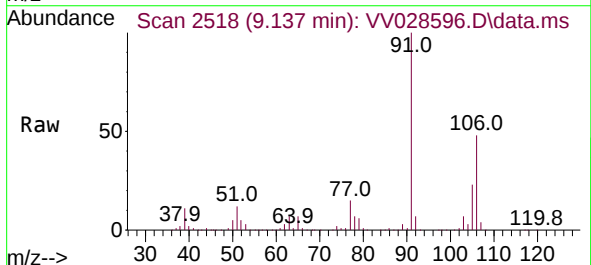
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

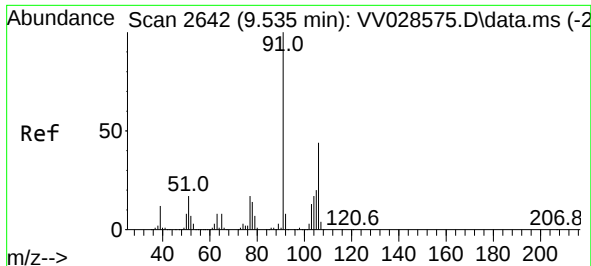
Tgt Ion: 91 Resp: 304078
Ion Ratio Lower Upper
91 100
106 29.9 20.3 37.7



#53
m,p-Xylene
Concen: 4.559 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.007 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 106 Resp: 113505
Ion Ratio Lower Upper
106 100
91 209.2 146.9 272.9

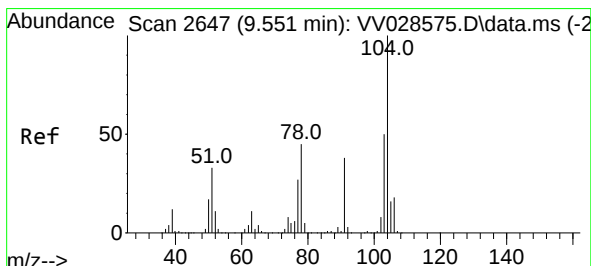
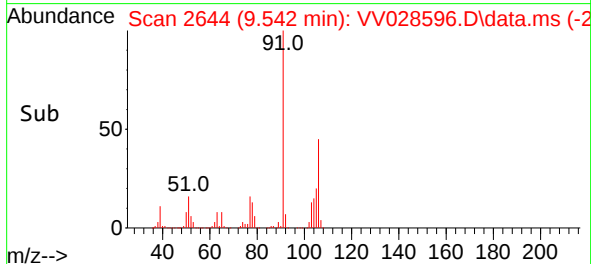
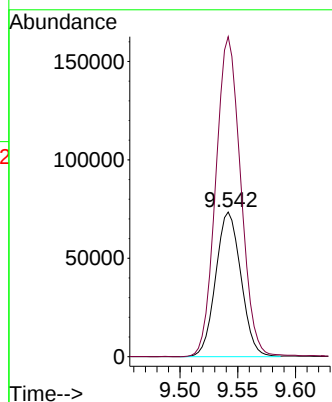
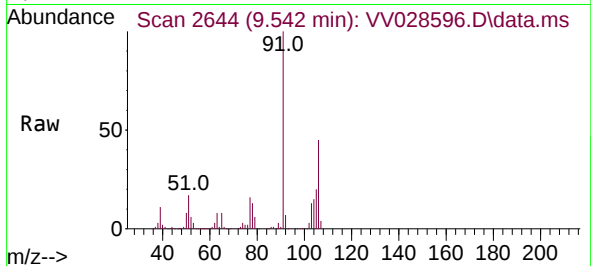




#54
o-Xylene
Concen: 4.636 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.007 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

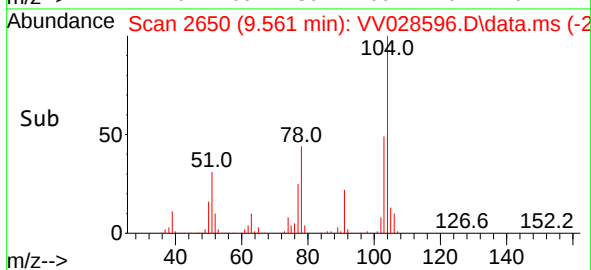
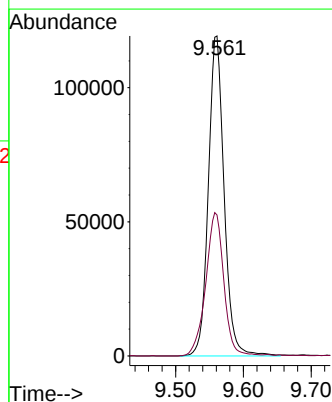
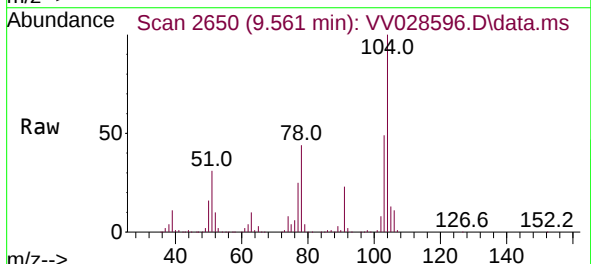
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

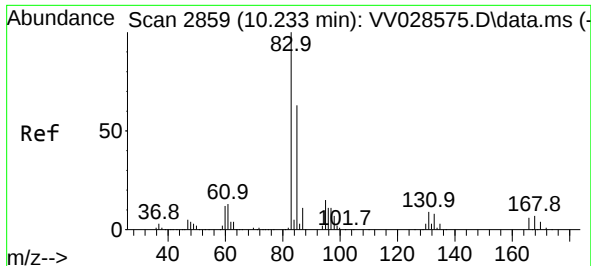
Tgt Ion:106 Resp: 111869
Ion Ratio Lower Upper
106 100
91 221.3 151.4 281.2



#55
Styrene
Concen: 4.729 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.010 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion:104 Resp: 193063
Ion Ratio Lower Upper
104 100
78 44.1 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.121 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

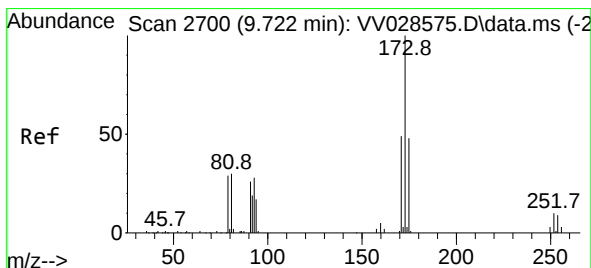
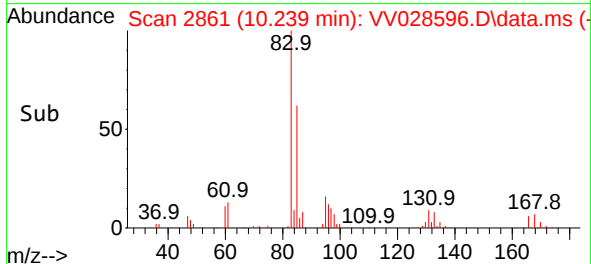
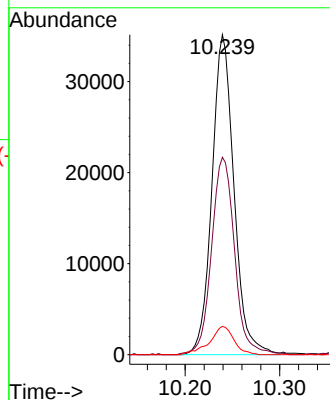
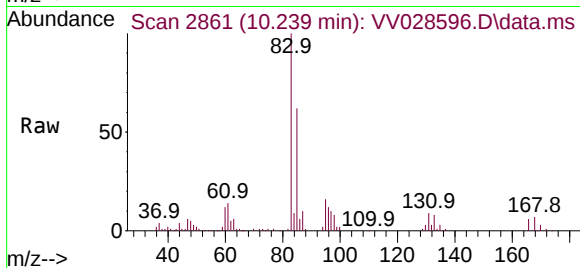
Tgt Ion: 83 Resp: 56849

Ion Ratio Lower Upper

83 100

85 61.7 44.3 82.3

131 8.8 6.4 9.6



#59

Bromoform

Concen: 4.709 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.010 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

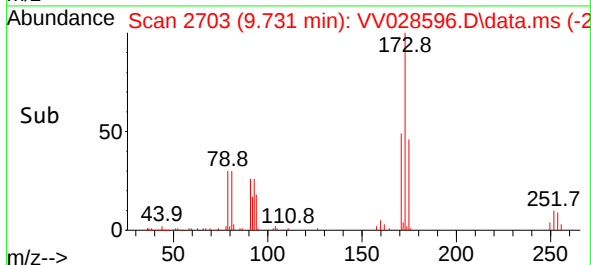
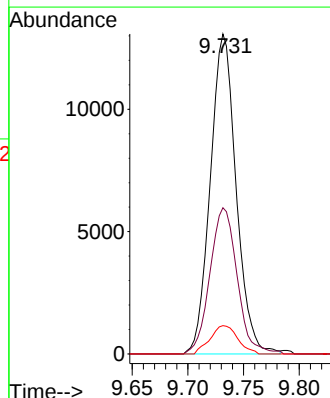
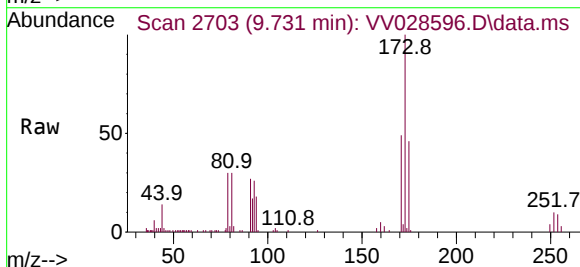
Tgt Ion: 173 Resp: 21083

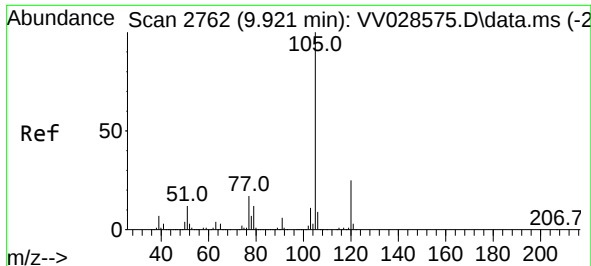
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.0

254 9.5 7.4 11.2

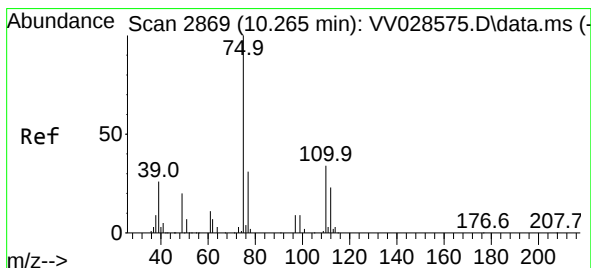
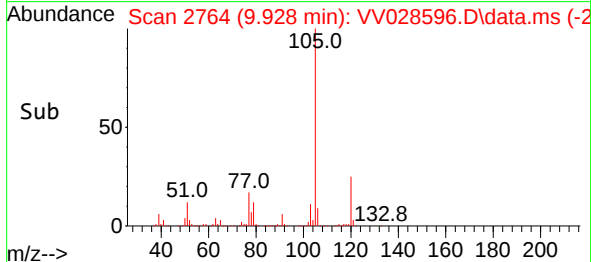
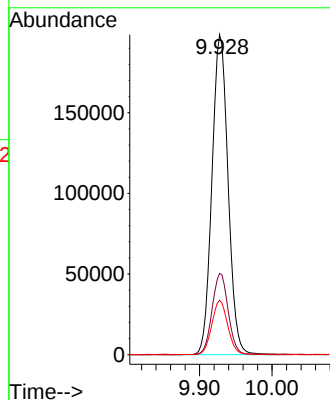
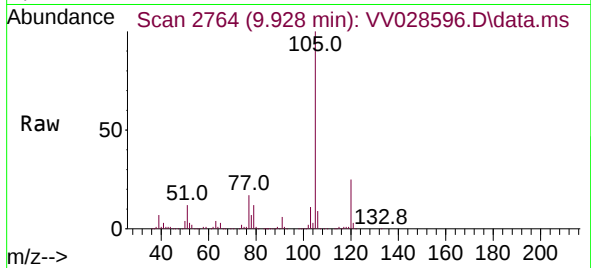




#60
Isopropylbenzene
Concen: 4.720 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

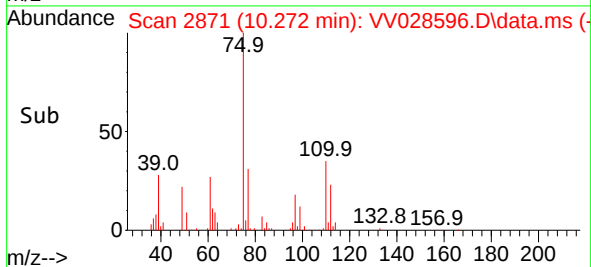
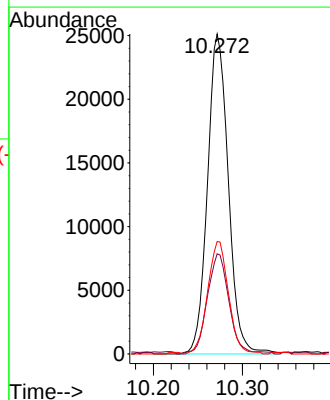
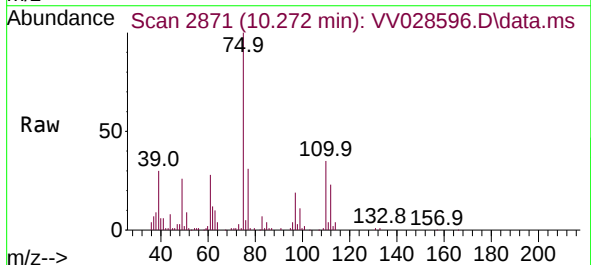
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

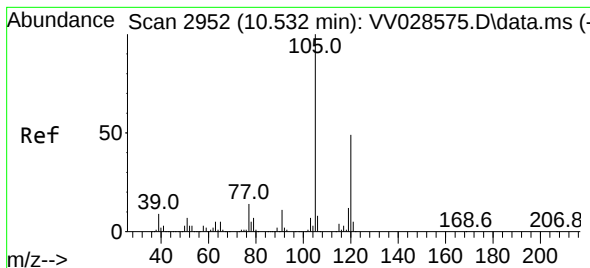
Tgt Ion:105 Resp: 306316
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 16.6 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.131 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.007 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 75 Resp: 40760
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0
110 35.2 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 4.473 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

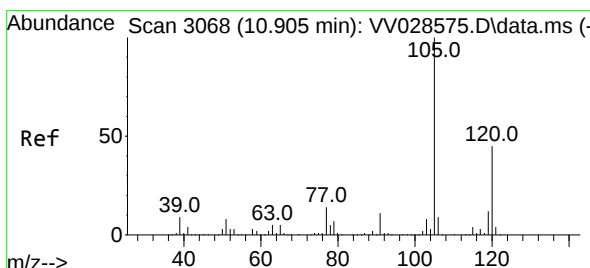
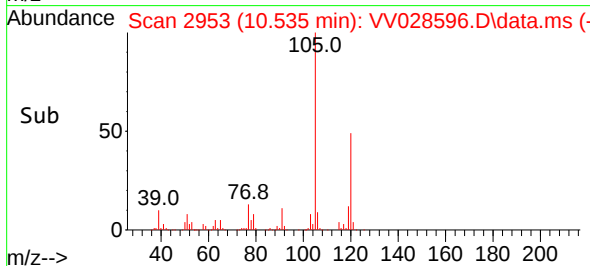
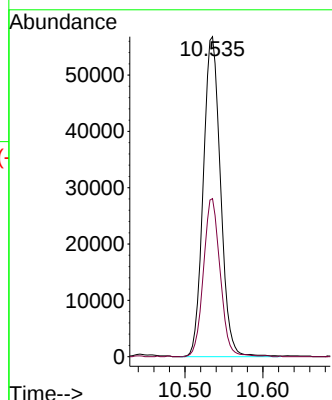
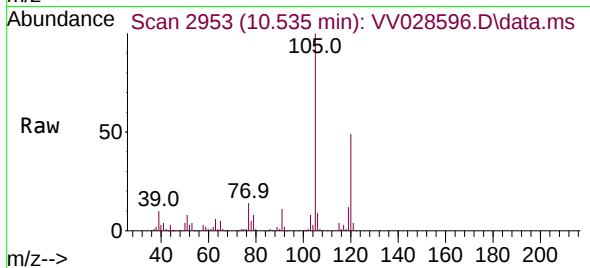
C0BA2

Tgt Ion:105 Resp: 87333

Ion Ratio Lower Upper

105 100

120 47.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 4.489 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028596.D

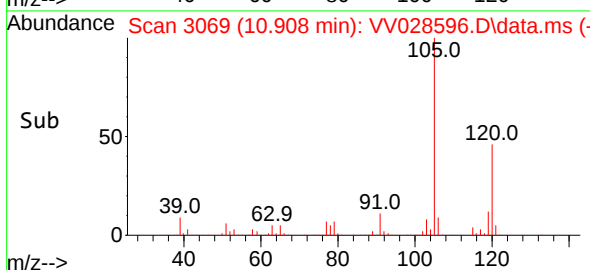
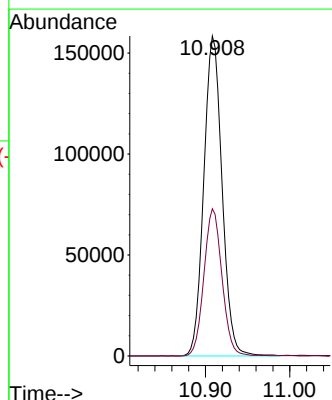
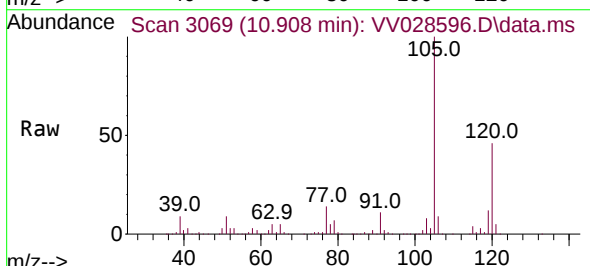
Acq: 17 Oct 2022 18:08

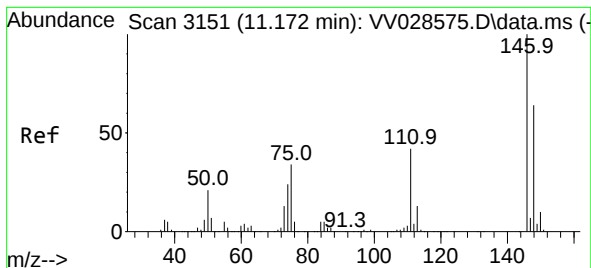
Tgt Ion:105 Resp: 239648

Ion Ratio Lower Upper

105 100

120 45.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 4.741 ug/L

RT: 11.175 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

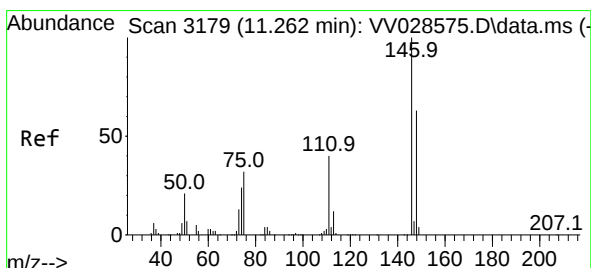
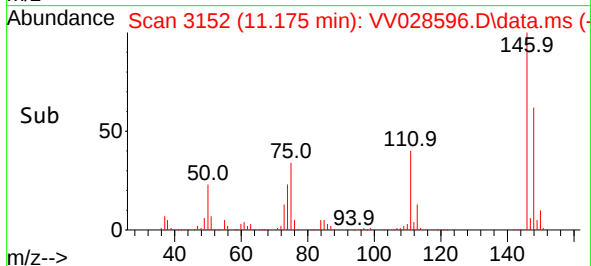
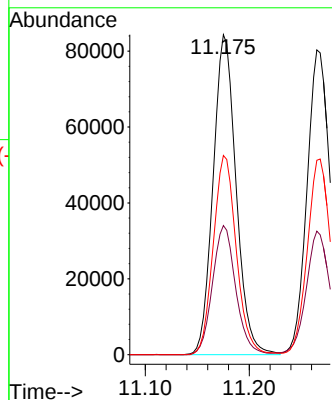
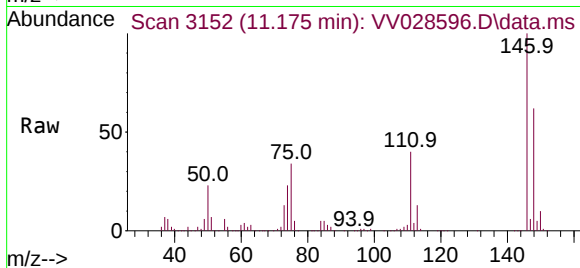
Tgt Ion:146 Resp: 129787

Ion Ratio Lower Upper

146 100

111 40.3 28.5 52.9

148 62.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 4.762 ug/L

RT: 11.265 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

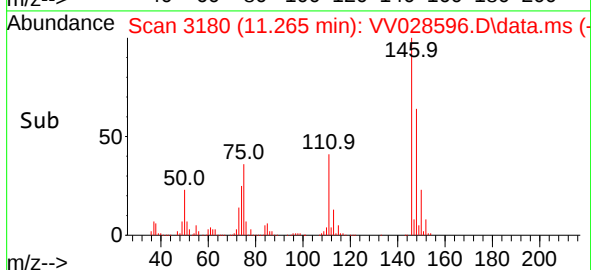
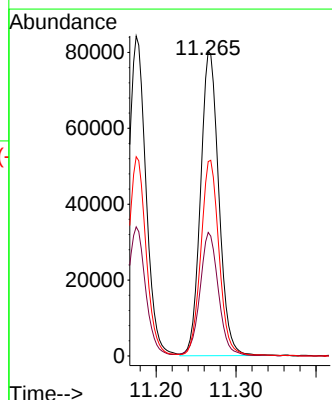
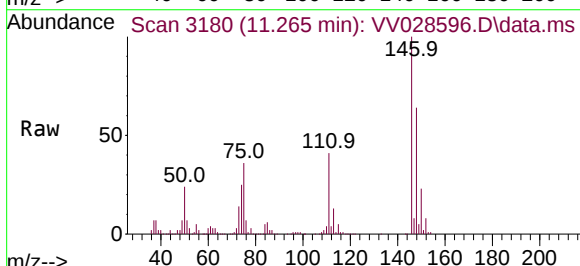
Tgt Ion:146 Resp: 127787

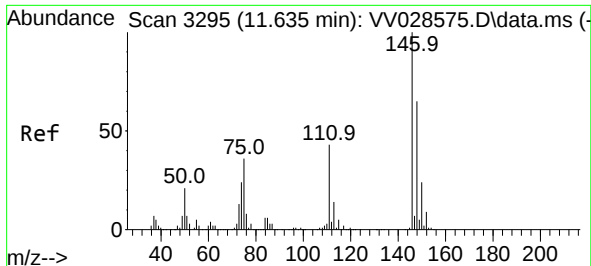
Ion Ratio Lower Upper

146 100

111 40.5 29.4 54.6

148 63.8 45.9 85.3

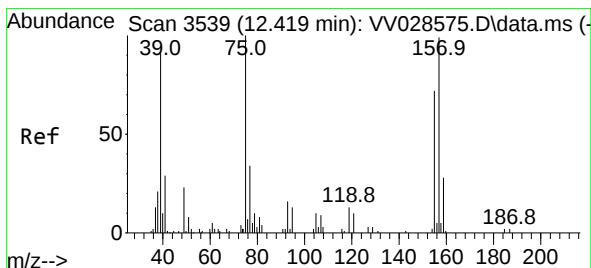
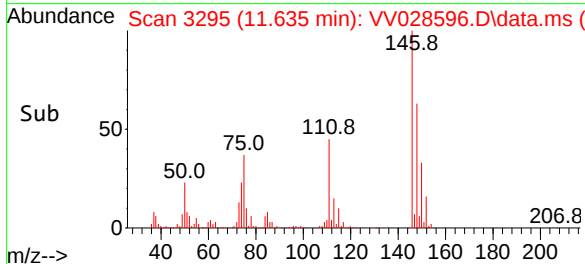
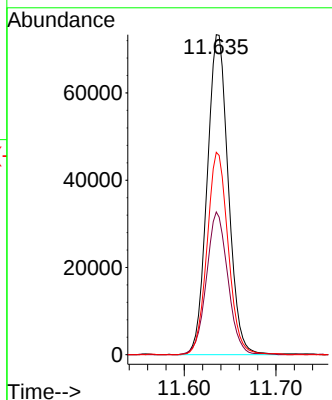
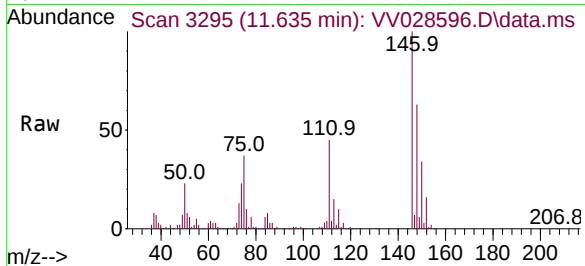




#67
1,2-Dichlorobenzene
Concen: 4.783 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

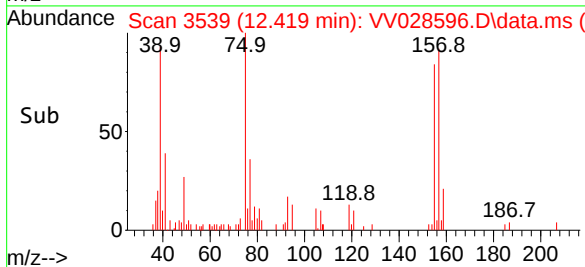
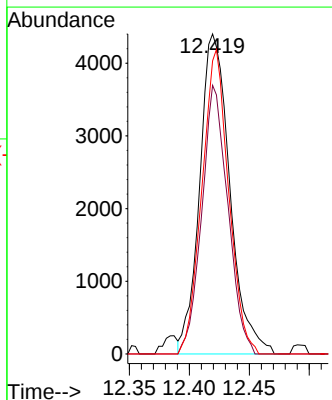
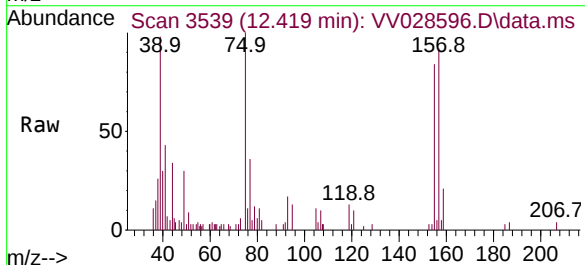
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

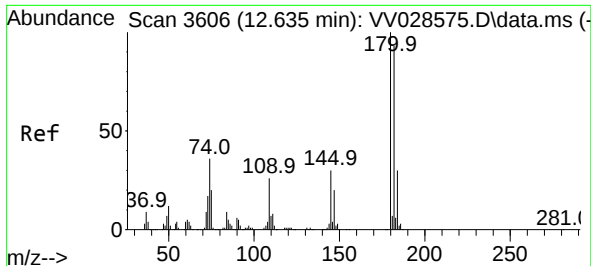
Tgt Ion:146 Resp: 117464
Ion Ratio Lower Upper
146 100
111 44.6 35.7 53.5
148 63.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.664 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion: 75 Resp: 7692
Ion Ratio Lower Upper
75 100
155 83.9 55.2 82.8#
157 91.6 68.6 103.0

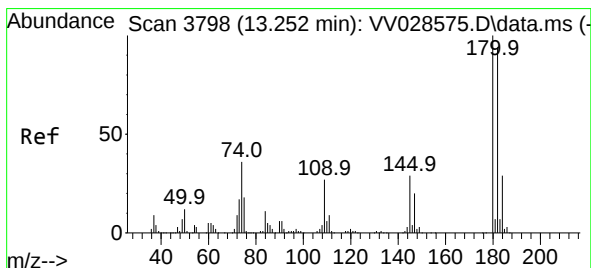
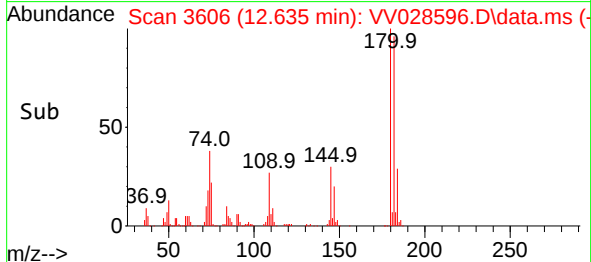
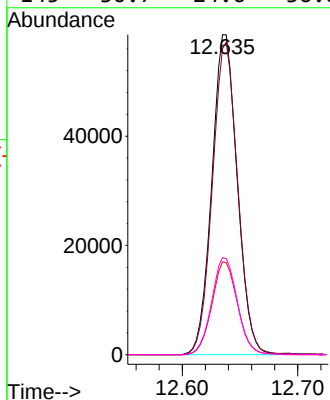
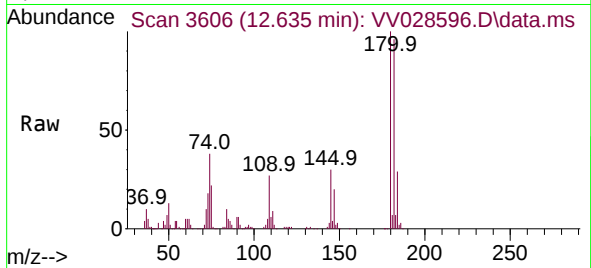




#69
1,3,5-Trichlorobenzene
Concen: 4.467 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

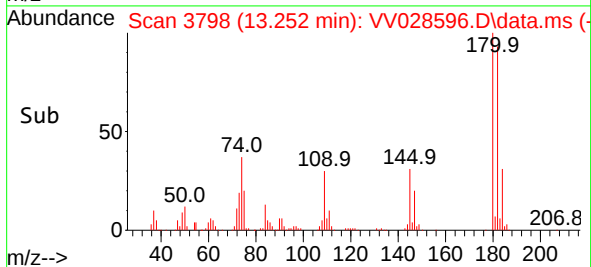
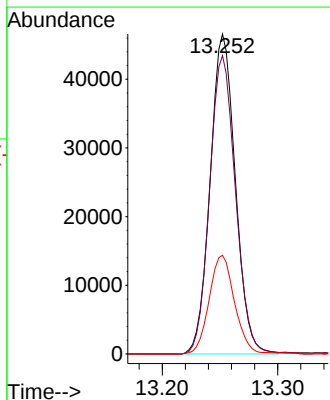
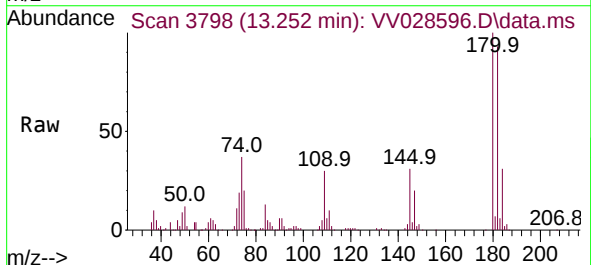
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

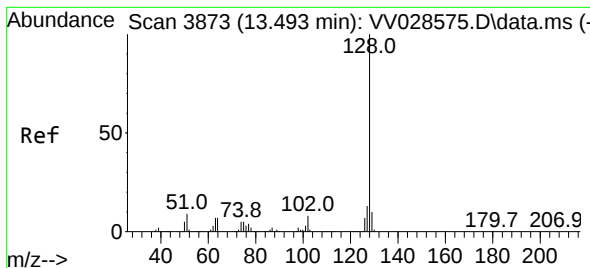
Tgt Ion:180	Resp:	89469
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.6 113.4
184	29.3	23.8 35.8
145	30.7	24.6 36.8



#70
1,2,4-trichlorobenzene
Concen: 4.619 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VV028596.D
Acq: 17 Oct 2022 18:08

Tgt Ion:180	Resp:	70455
Ion Ratio	Lower	Upper
180	100	
182	95.7	74.2 111.2
145	31.2	25.3 37.9





#71

Naphthalene

Concen: 4.666 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

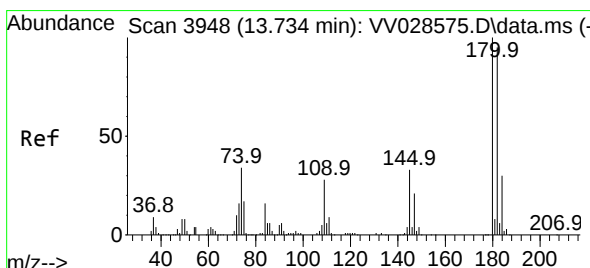
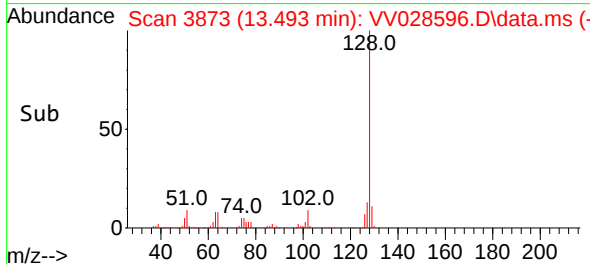
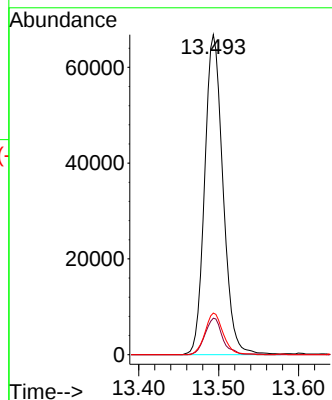
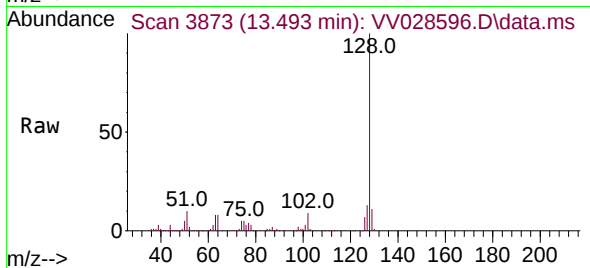
Tgt Ion:128 Resp: 106654

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.8 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.952 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028596.D

Acq: 17 Oct 2022 18:08

Tgt Ion:180 Resp: 62246

Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

145 33.3 25.8 38.8

