

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025408.D
 Acq On : 08 Apr 2022 14:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

Quant Time: Apr 09 04:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	229347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	226725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	97965	4.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.568	69	99413	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.111	63	202748	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.883	46	121574	46.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	4.346	84	146633	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.031	65	65541	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	298271	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.066	67	82213	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.310	98	278824	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.619	79	29224	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.085	63	103228	47.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52264	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	95323	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	97227	4.693	ug/L	98
3) Chloromethane	1.243	50	121564	5.400	ug/L	99
5) Vinyl chloride	1.314	62	137469	5.404	ug/L	99
6) Bromomethane	1.526	94	93661	5.106	ug/L	99
8) Chloroethane	1.587	64	107220	5.460	ug/L	98
9) Trichlorofluoromethane	1.754	101	186032	5.206	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92553	4.610	ug/L	100
12) 1,1-Dichloroethene	2.121	96	105844	5.321	ug/L	81
13) Acetone	2.175	43	95342	54.158	ug/L	98
14) Carbon disulfide	2.294	76	258041	5.419	ug/L	100
15) Methyl Acetate	2.436	43	22217	5.678	ug/L	92
16) Methylene chloride	2.507	84	96377	4.997	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	170921	5.553	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	90926	5.455	ug/L	93
19) 1,1-Dichloroethane	3.188	63	152657	5.407	ug/L	98
21) 2-Butanone	3.963	43	140773	57.870	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	97484	5.555	ug/L	94
23) Bromochloromethane	4.246	128	39446	5.414	ug/L	95
25) Chloroform	4.375	83	163635	5.491	ug/L	98

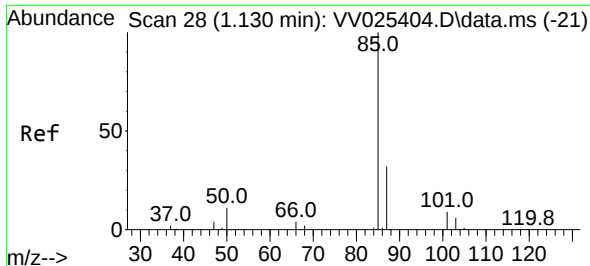
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025408.D
 Acq On : 08 Apr 2022 14:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

Quant Time: Apr 09 04:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	87226	5.547	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	147567	5.519	ug/L	98
30) Cyclohexane	4.677	56	122682	5.046	ug/L	99
31) Carbon tetrachloride	4.825	117	122811	5.430	ug/L	99
33) Benzene	5.095	78	364646	5.445	ug/L	100
34) Trichloroethene	5.908	95	96885	5.448	ug/L	99
35) Methylcyclohexane	6.127	83	127206	4.483	ug/L	99
37) 1,2-Dichloropropane	6.169	63	84322	5.442	ug/L	100
38) Bromodichloromethane	6.506	83	106573	5.541	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	116578	5.741	ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	355586	57.317	ug/L	98
42) Toluene	7.384	91	395740	5.432	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	90967	5.766	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	57434	5.535	ug/L	98
47) Tetrachloroethene	7.973	164	70132	5.038	ug/L	95
48) 2-Hexanone	8.137	43	249742	57.765	ug/L	99
49) Dibromochloromethane	8.243	129	65205	5.725	ug/L	99
50) 1,2-Dibromoethane	8.349	107	52347	5.371	ug/L	98
51) Chlorobenzene	8.879	112	252865	5.436	ug/L	99
52) Ethylbenzene	9.008	91	415820	5.352	ug/L	100
53) m,p-Xylene	9.136	106	162417	5.498	ug/L	96
54) o-Xylene	9.542	106	160424	5.591	ug/L	98
55) Styrene	9.558	104	264155	5.661	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	55963	5.398	ug/L	99
59) Bromoform	9.728	173	29722	5.831	ug/L	95
60) Isopropylbenzene	9.927	105	419462	5.488	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	44293	5.446	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	186164	5.462	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	340455	5.544	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	188640	5.287	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	188396	5.202	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	166685	5.275	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	8461	6.017	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	131230	4.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	104411	4.990	ug/L	99
71) Naphthalene	13.500	128	170245	5.546	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	91219	5.265	ug/L	97

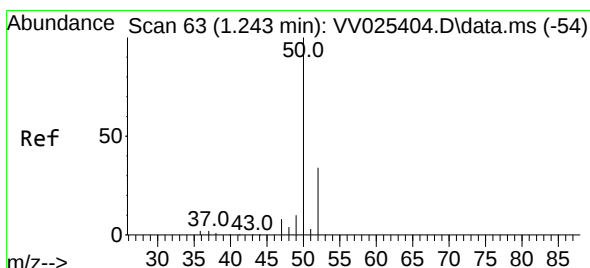
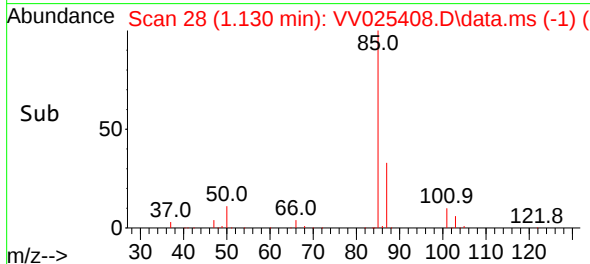
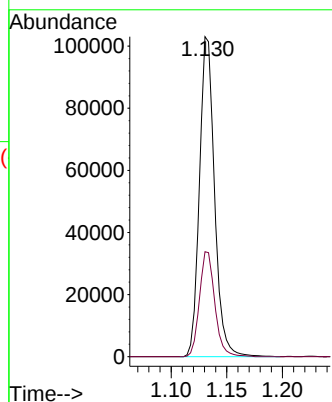
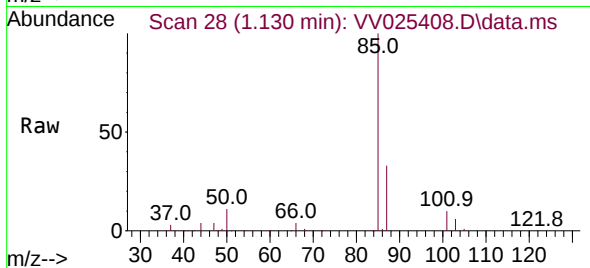
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.693 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

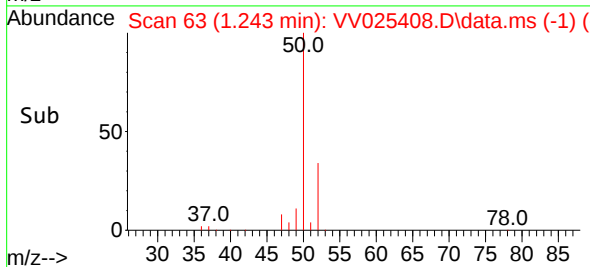
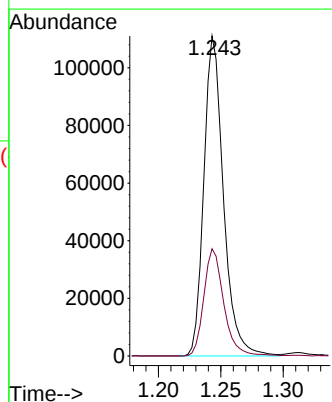
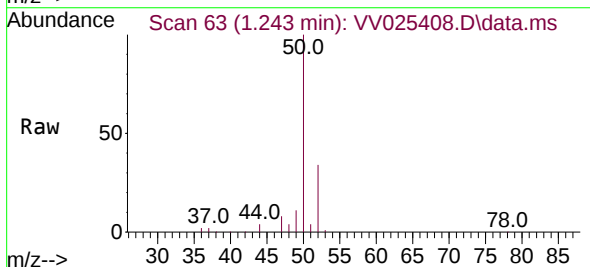
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

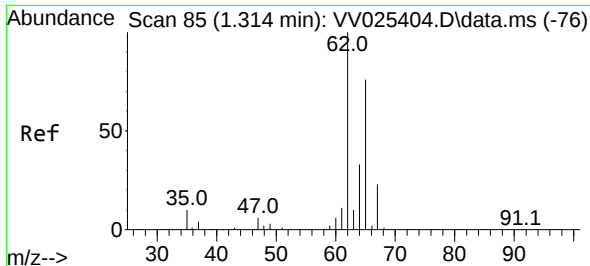
Tgt Ion: 85 Resp: 97227
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.6 38.4



#3
 Chloromethane
 Concen: 5.400 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

Tgt Ion: 50 Resp: 121564
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9

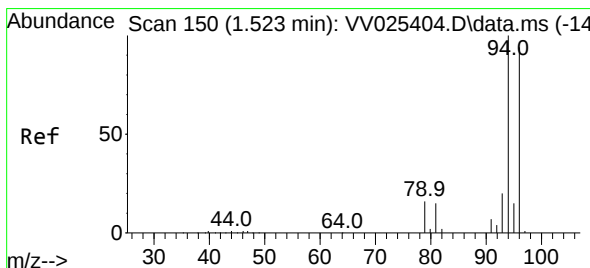
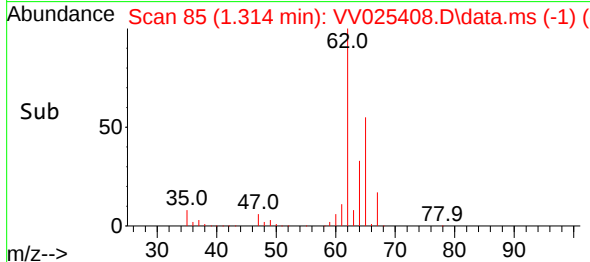
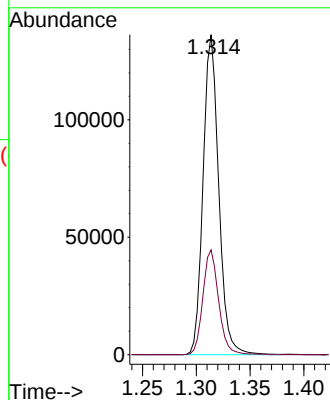
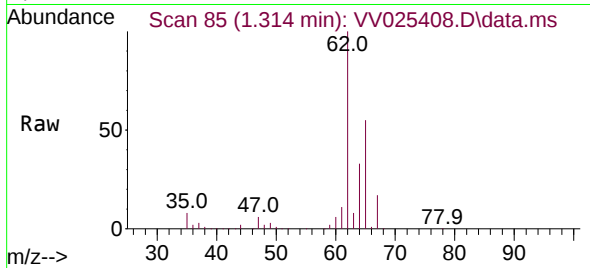




#5
 Vinyl chloride
 Concen: 5.404 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

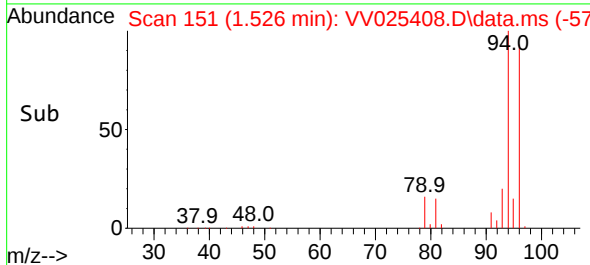
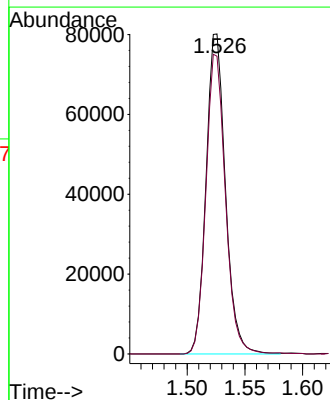
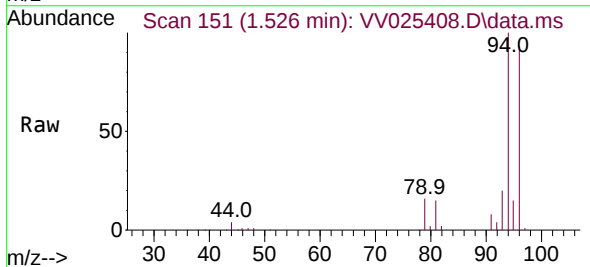
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

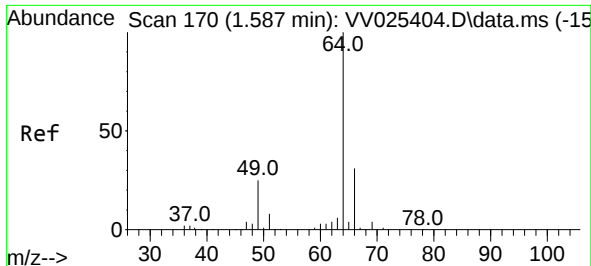
Tgt Ion: 62 Resp: 137469
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 5.106 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

Tgt Ion: 94 Resp: 93661
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.1 122.7

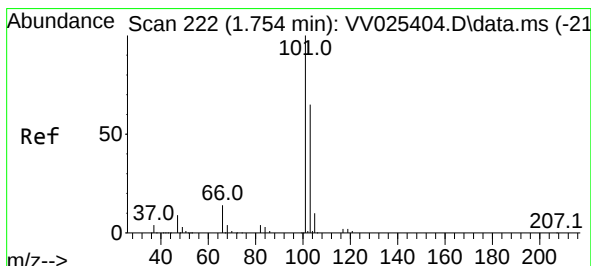
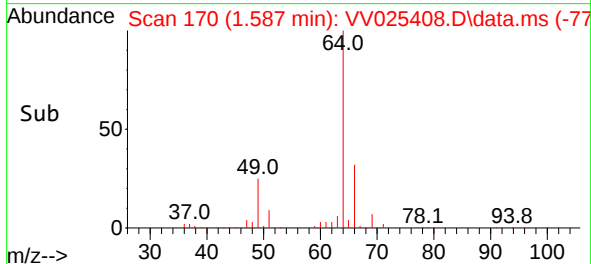
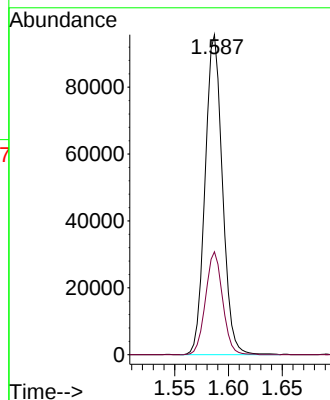
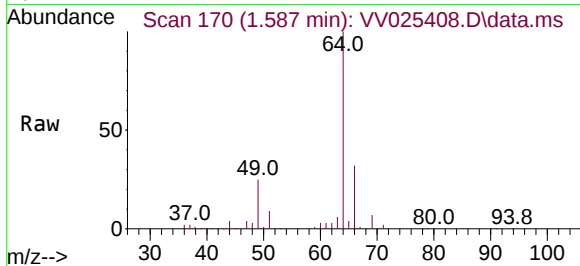




#8
Chloroethane
Concen: 5.460 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

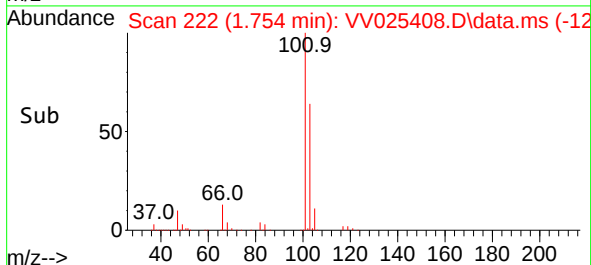
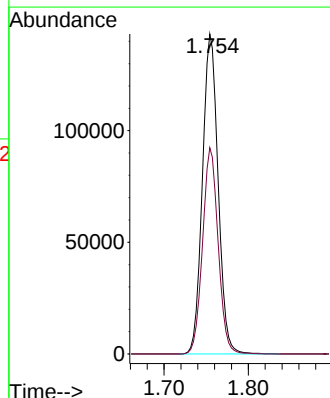
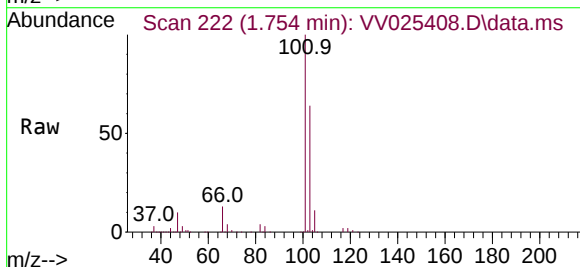
Instrument :
MSVOA_V
ClientSampleId :
VICV236

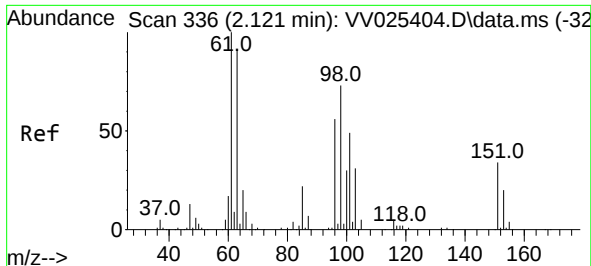
Tgt Ion: 64 Resp: 107220
Ion Ratio Lower Upper
64 100
66 32.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.206 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion:101 Resp: 186032
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

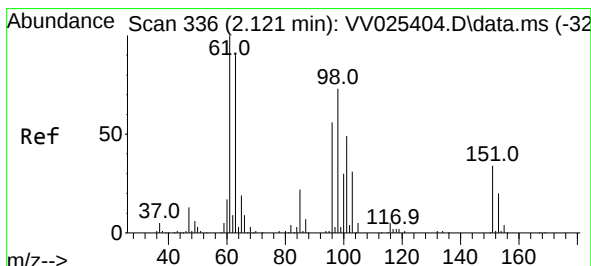
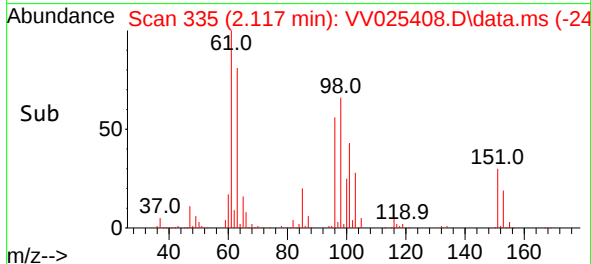
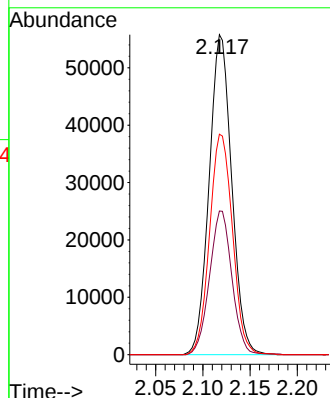
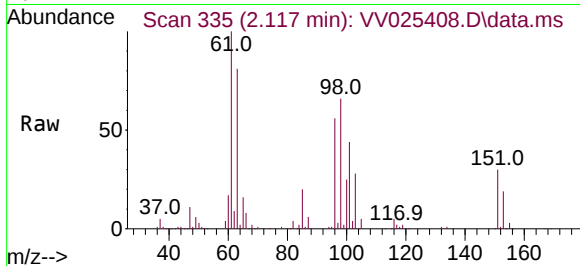




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.610 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

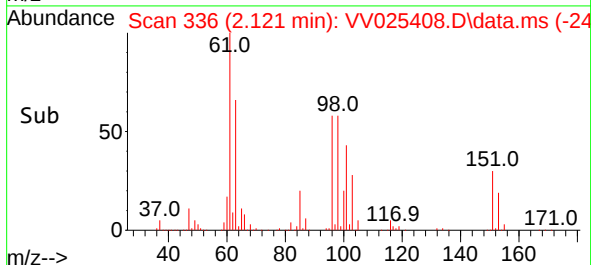
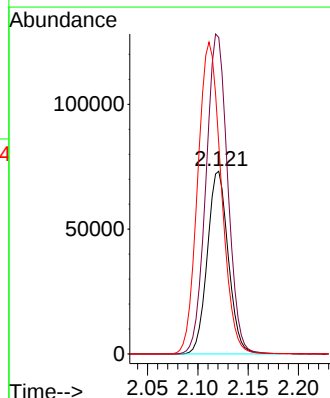
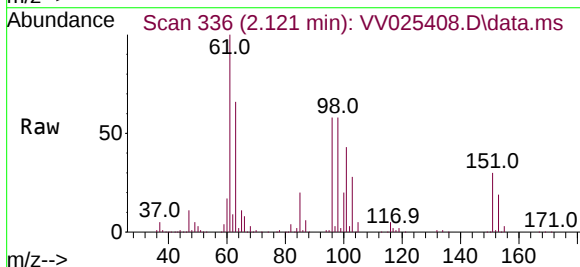
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

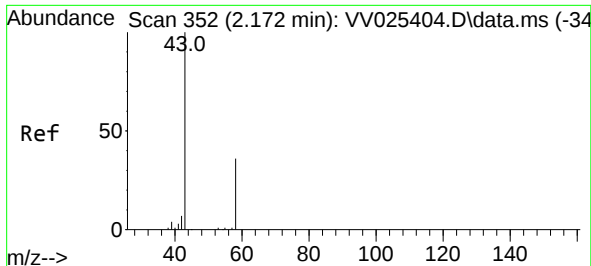
Tgt Ion:101 Resp: 92553
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.9 53.9
 151 69.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.321 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

Tgt Ion: 96 Resp: 105844
 Ion Ratio Lower Upper
 96 100
 61 173.1 125.2 232.4
 63 115.1 114.4 212.4





#13

Acetone

Concen: 54.158 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

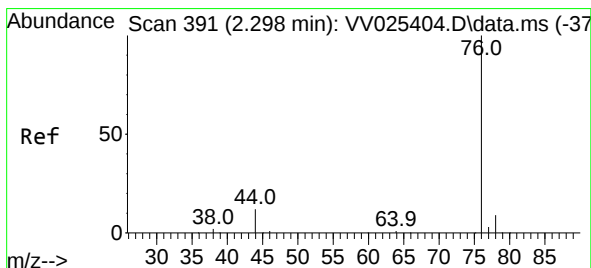
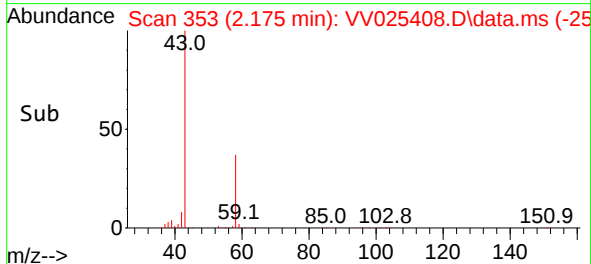
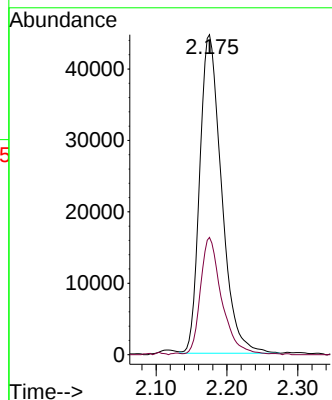
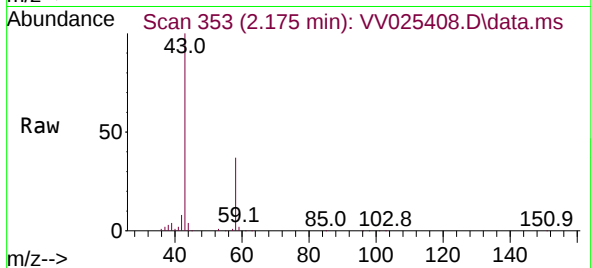
VICV236

Tgt Ion: 43 Resp: 95342

Ion Ratio Lower Upper

43 100

58 34.8 0.0 72.2



#14

Carbon disulfide

Concen: 5.419 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025408.D

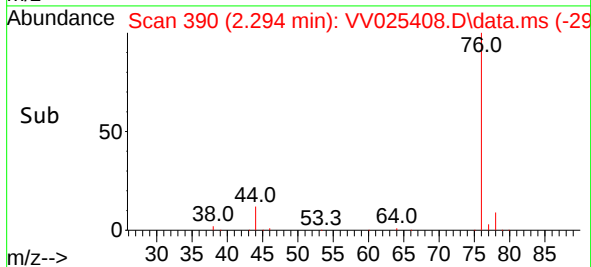
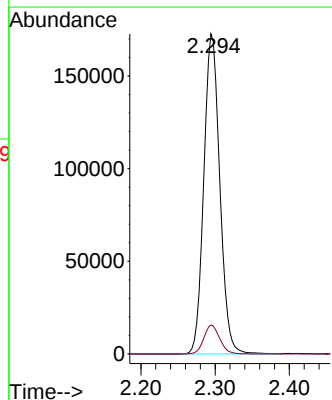
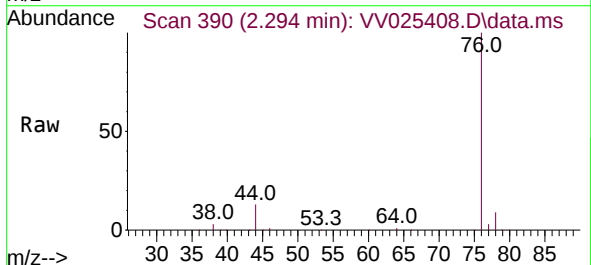
Acq: 08 Apr 2022 14:10

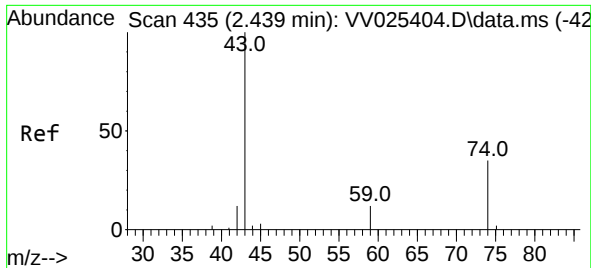
Tgt Ion: 76 Resp: 258041

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

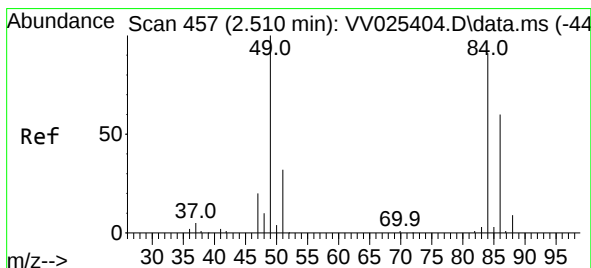
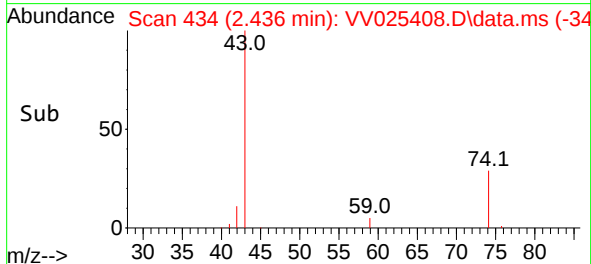
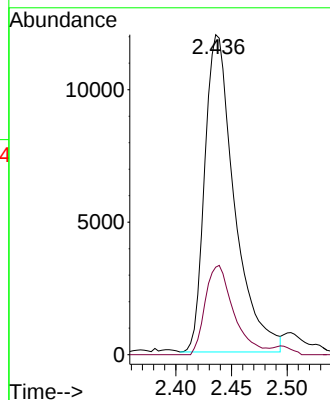
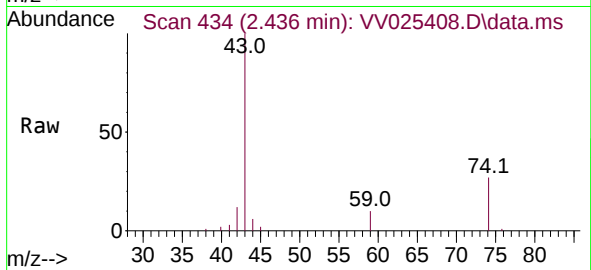




#15
Methyl Acetate
Concen: 5.678 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

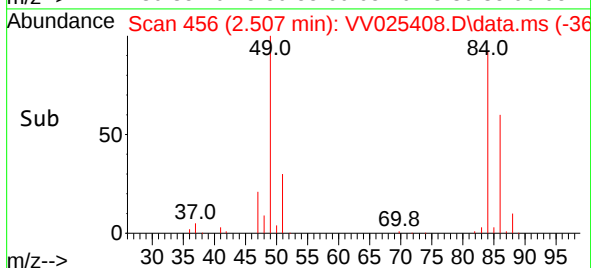
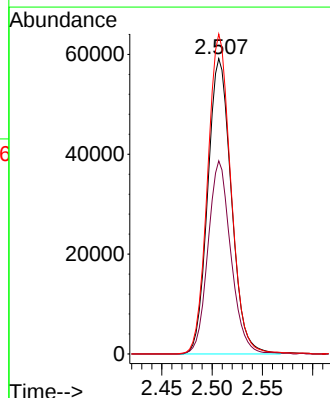
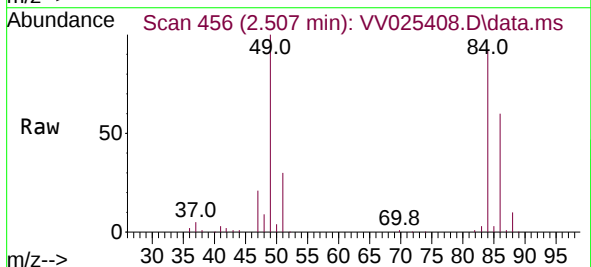
Instrument :
MSVOA_V
ClientSampleId :
VICV236

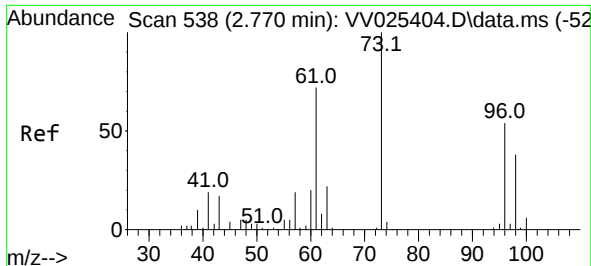
Tgt Ion: 43 Resp: 22217
Ion Ratio Lower Upper
43 100
74 27.0 25.2 37.8



#16
Methylene chloride
Concen: 4.997 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 84 Resp: 96377
Ion Ratio Lower Upper
84 100
86 65.4 45.9 85.3
49 108.4 76.6 142.3

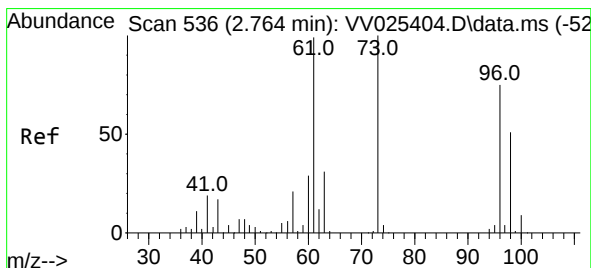
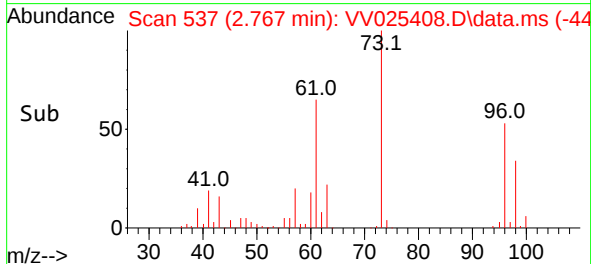
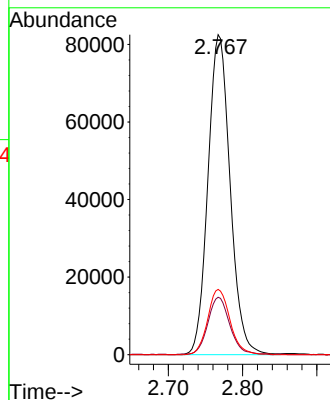
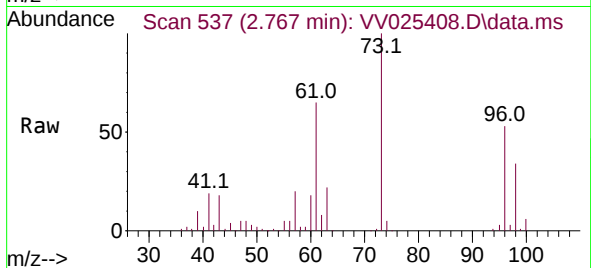




#17
Methyl tert-butyl Ether
Concen: 5.553 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

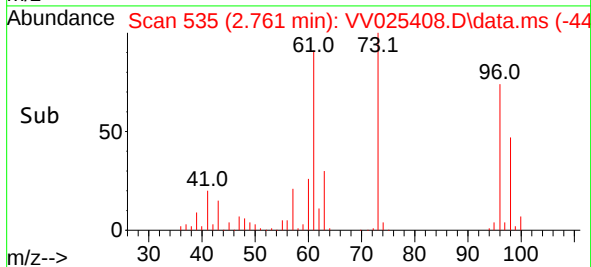
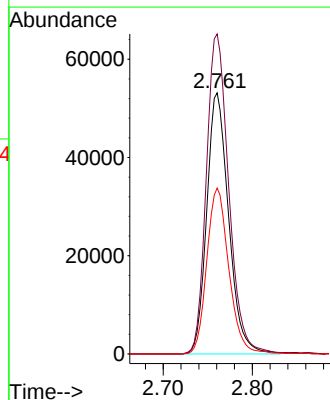
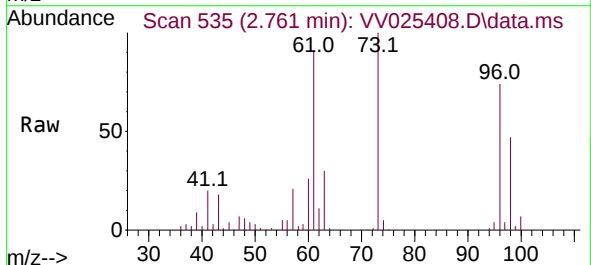
Instrument :
MSVOA_V
ClientSampleId :
VICV236

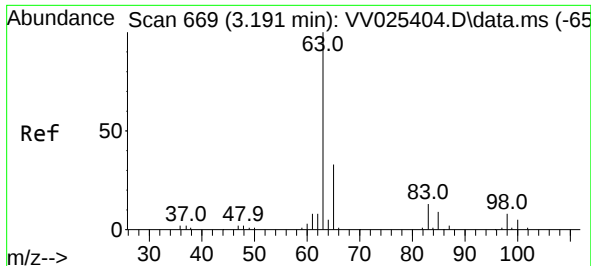
Tgt Ion: 73 Resp: 170921
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 20.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.455 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 96 Resp: 90926
Ion Ratio Lower Upper
96 100
61 122.6 92.1 171.1
98 63.6 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.407 ug/L

RT: 3.188 min Scan# 609

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

VICV236

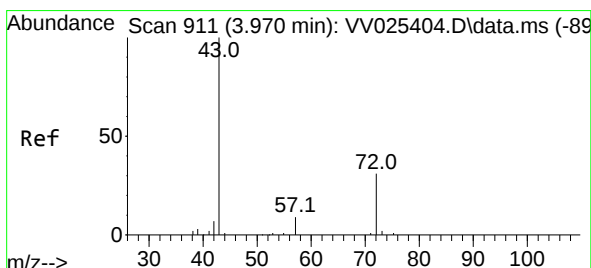
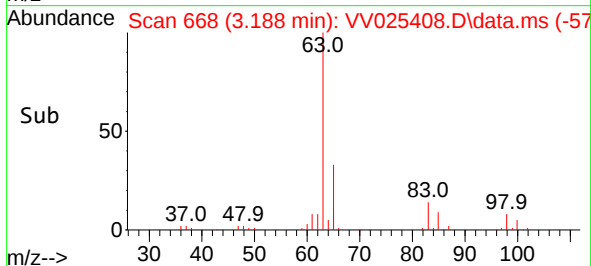
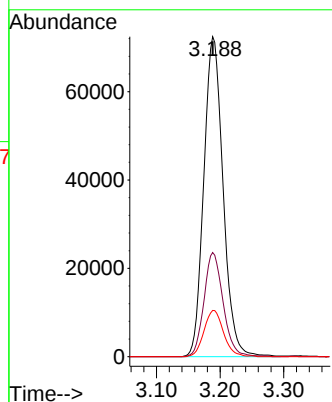
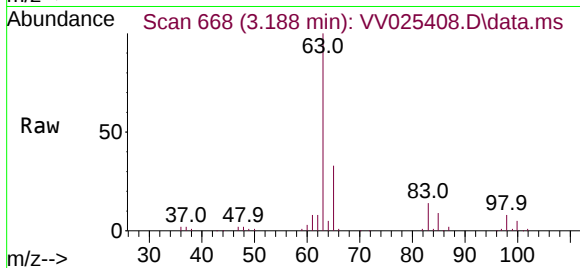
Tgt Ion: 63 Resp: 152657

Ion Ratio Lower Upper

63 100

65 32.6 23.2 43.0

83 14.4 9.0 16.8



#21

2-Butanone

Concen: 57.870 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.006 min

Lab File: VV025408.D

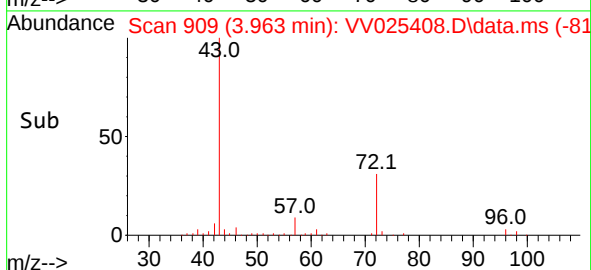
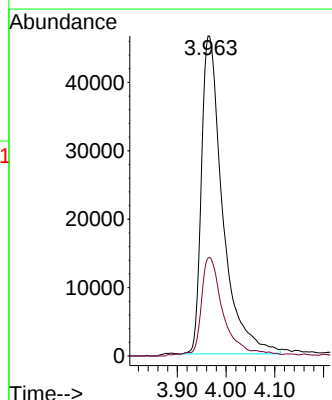
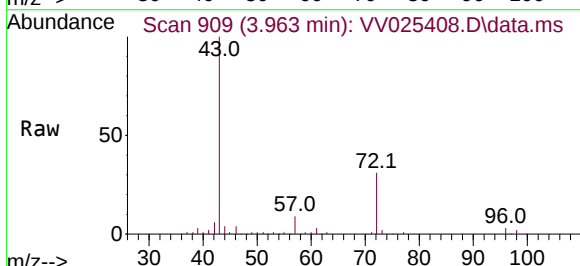
Acq: 08 Apr 2022 14:10

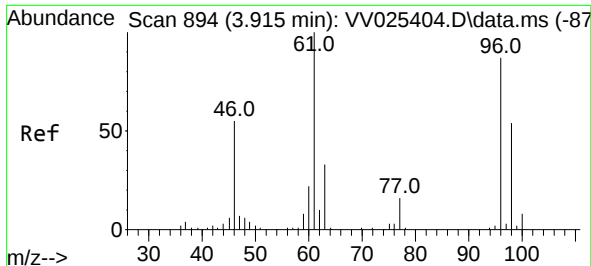
Tgt Ion: 43 Resp: 140773

Ion Ratio Lower Upper

43 100

72 30.0 15.2 45.6

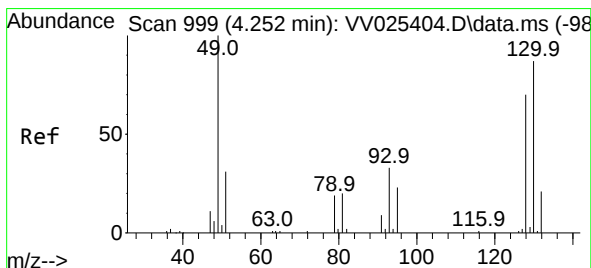
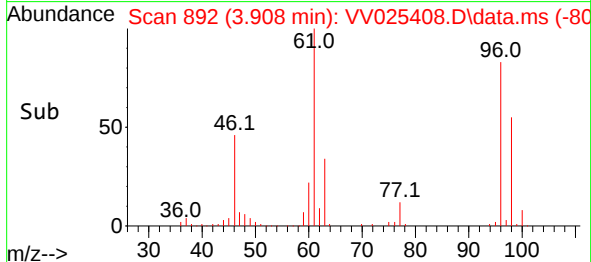
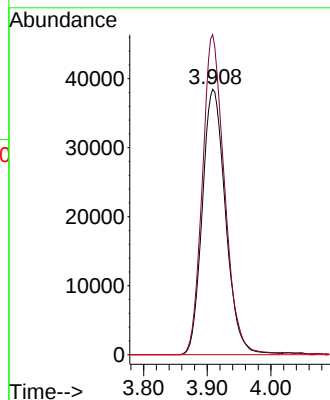
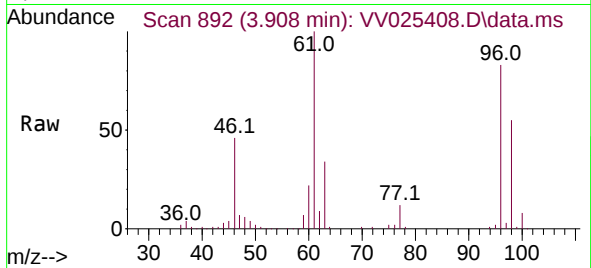




#22
cis-1,2-Dichloroethene
Concen: 5.555 ug/L
RT: 3.908 min Scan# 894
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

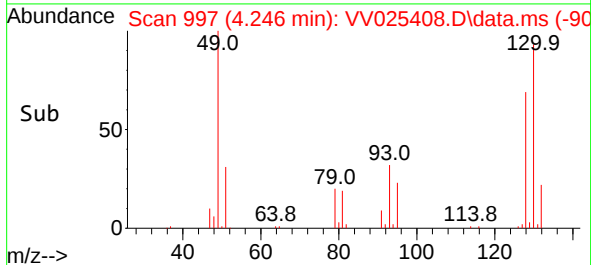
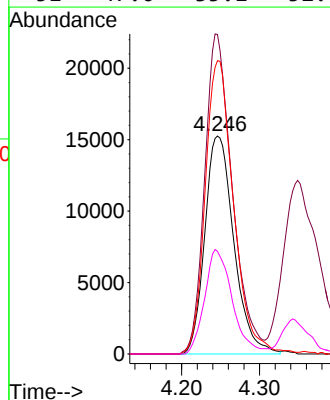
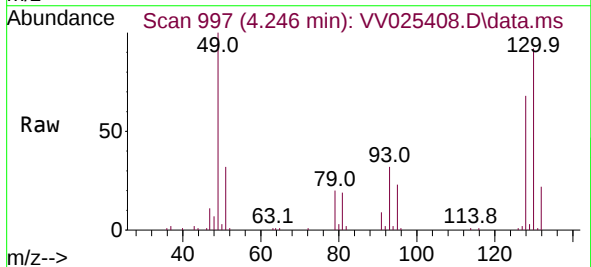
Instrument :
MSVOA_V
ClientSampleId :
VICV236

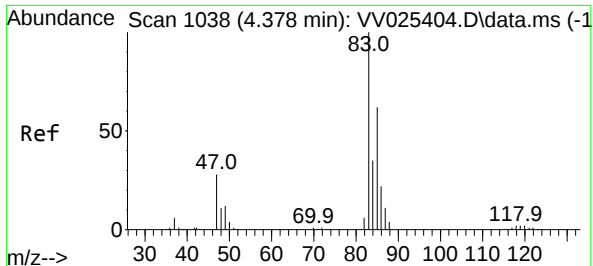
Tgt Ion: 96 Resp: 97484
Ion Ratio Lower Upper
96 100
61 120.5 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.414 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 128 Resp: 39446
Ion Ratio Lower Upper
128 100
49 146.6 100.5 186.7
130 134.6 87.8 163.0
51 47.0 35.1 52.7





#25

Chloroform

Concen: 5.491 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

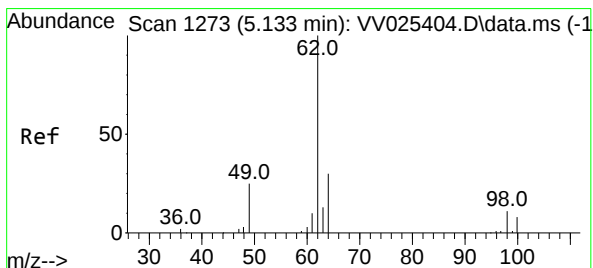
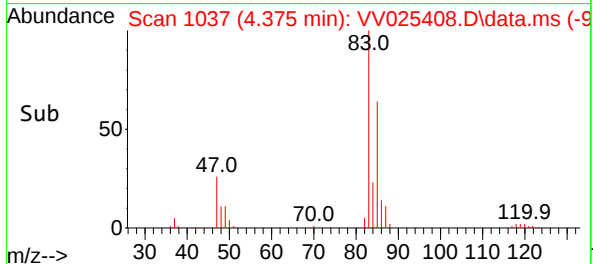
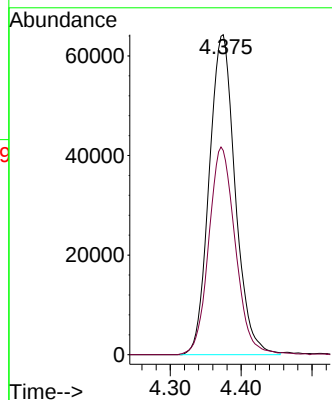
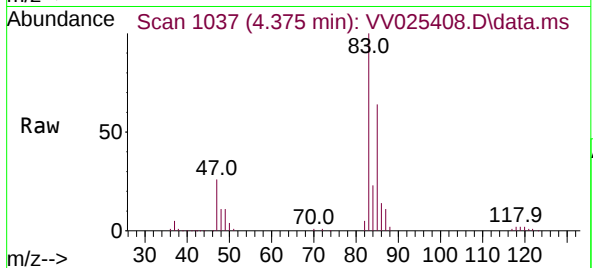
VICV236

Tgt Ion: 83 Resp: 163635

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.547 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV025408.D

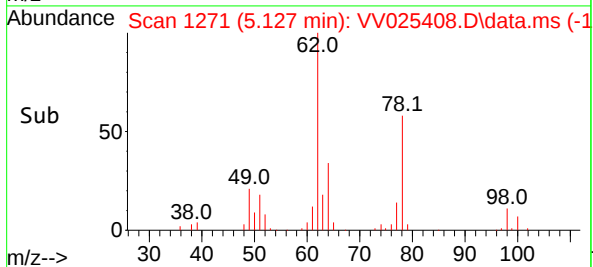
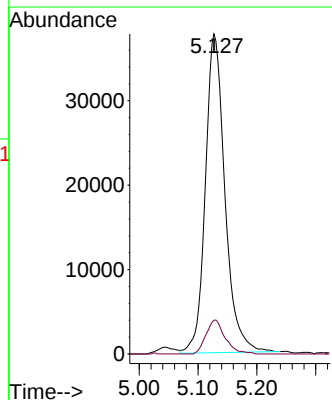
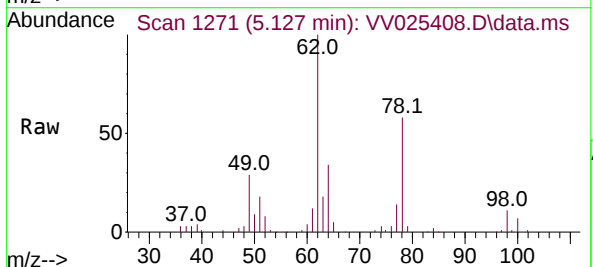
Acq: 08 Apr 2022 14:10

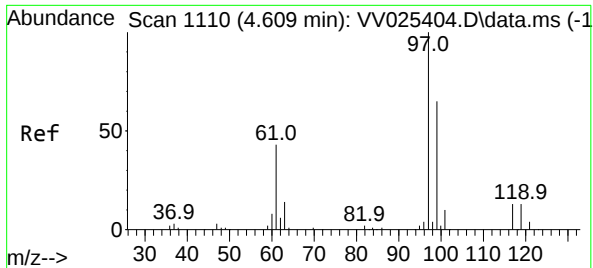
Tgt Ion: 62 Resp: 87226

Ion Ratio Lower Upper

62 100

98 10.5 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.519 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

VICV236

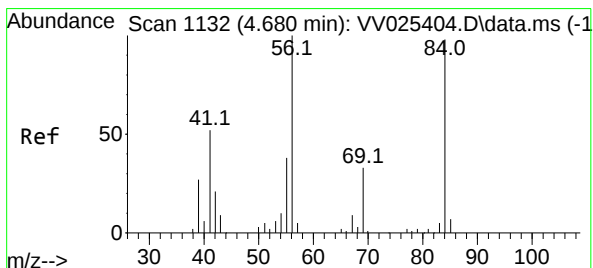
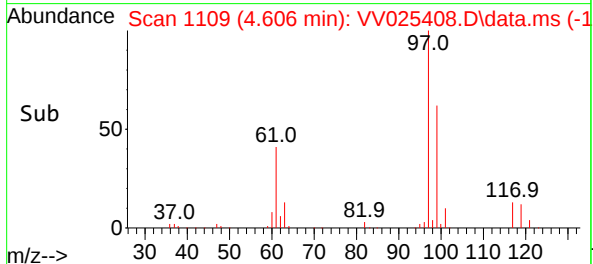
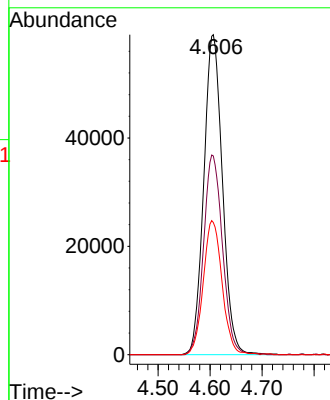
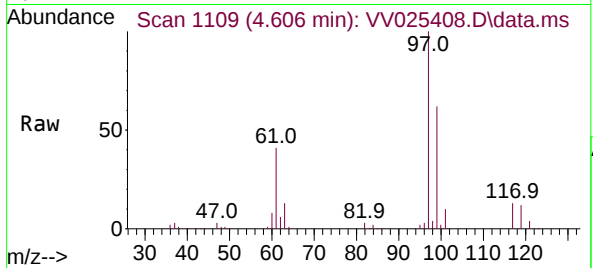
Tgt Ion: 97 Resp: 147567

Ion Ratio Lower Upper

97 100

99 63.1 51.5 77.3

61 42.1 34.3 51.5



#30

Cyclohexane

Concen: 5.046 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

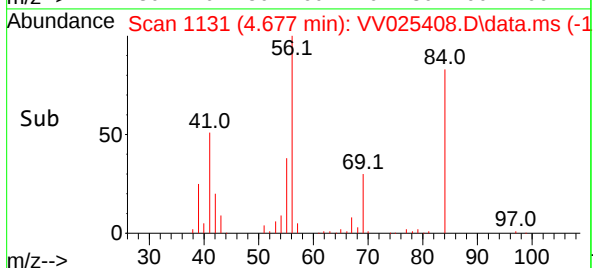
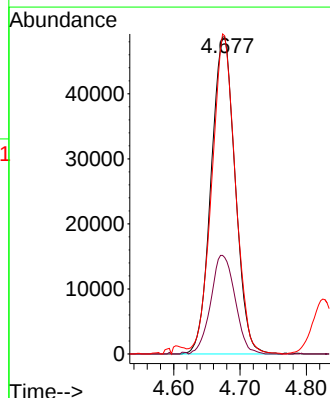
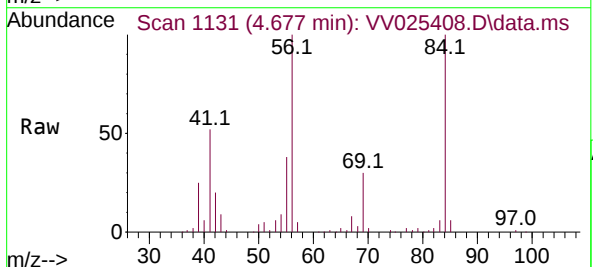
Tgt Ion: 56 Resp: 122682

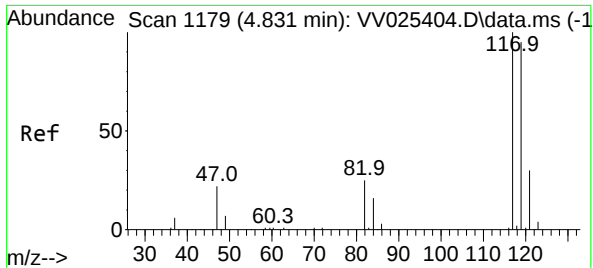
Ion Ratio Lower Upper

56 100

69 31.4 26.1 39.1

84 98.6 78.6 118.0

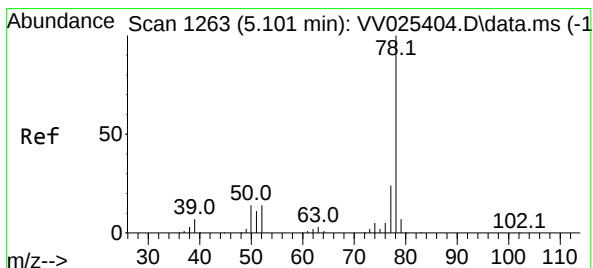
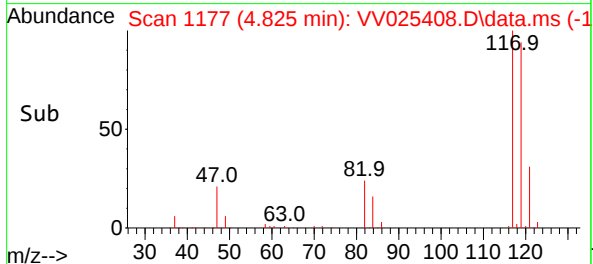
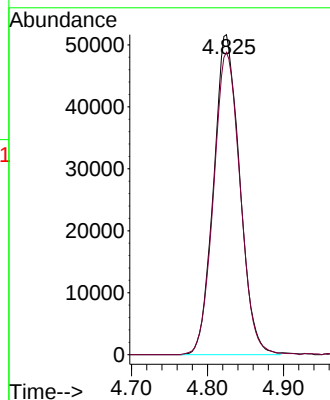
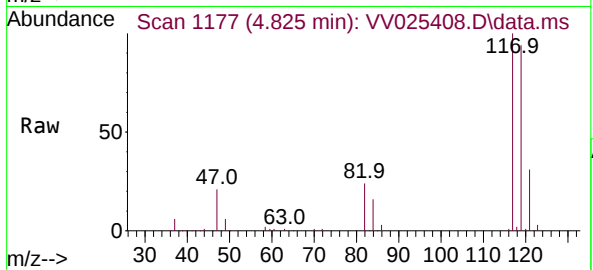




#31
Carbon tetrachloride
Concen: 5.430 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

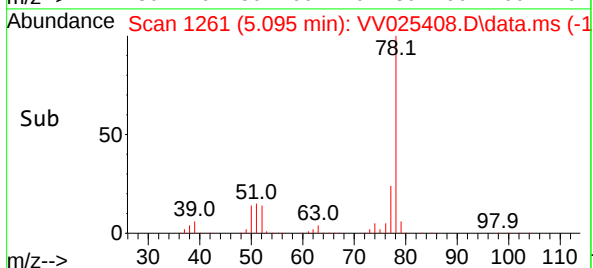
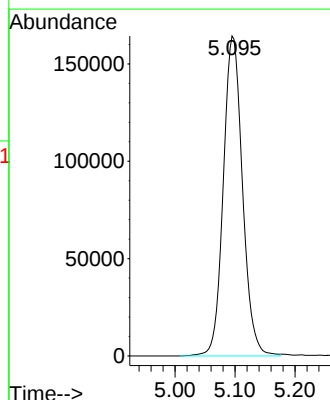
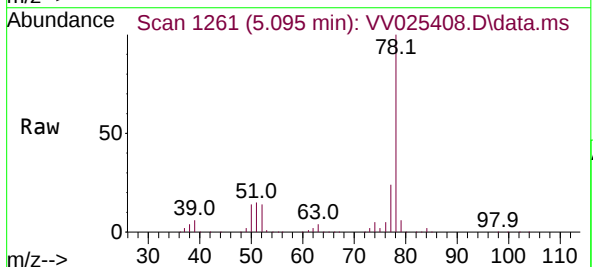
Instrument :
MSVOA_V
ClientSampleId :
VICV236

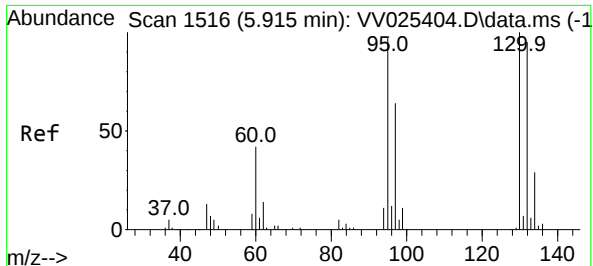
Tgt Ion:117 Resp: 122811
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 5.445 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 78 Resp: 364646

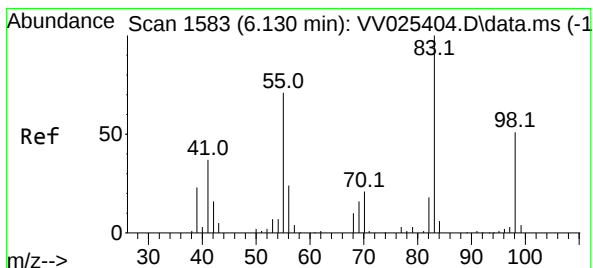
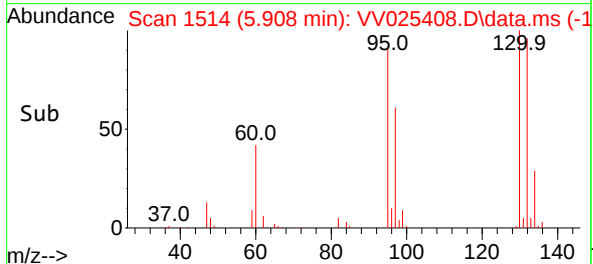
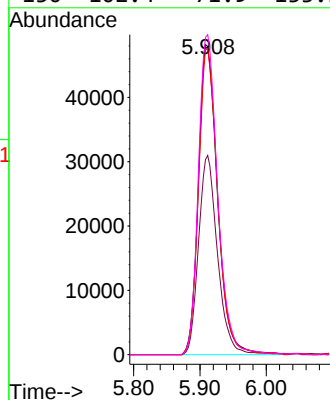
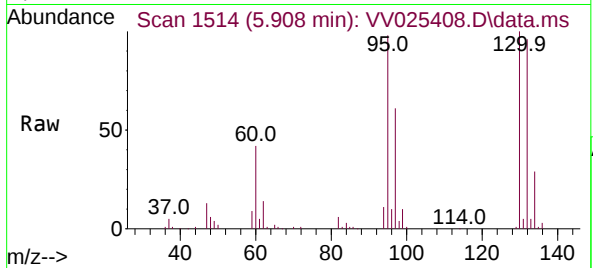




#34
Trichloroethene
Concen: 5.448 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

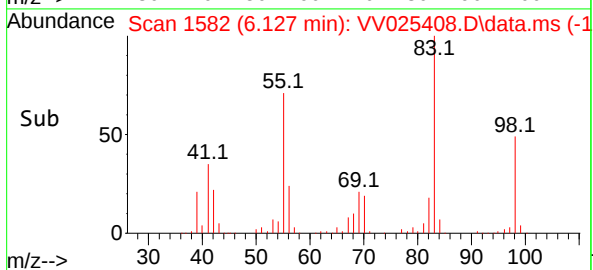
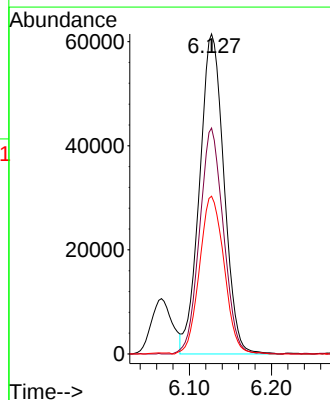
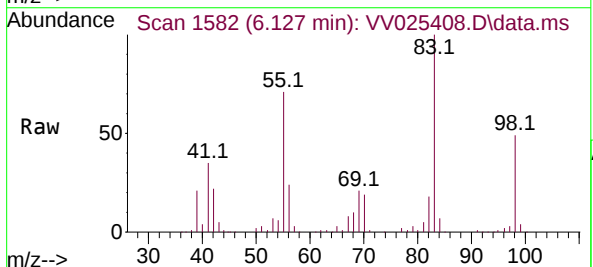
Instrument :
MSVOA_V
ClientSampleId :
VICV236

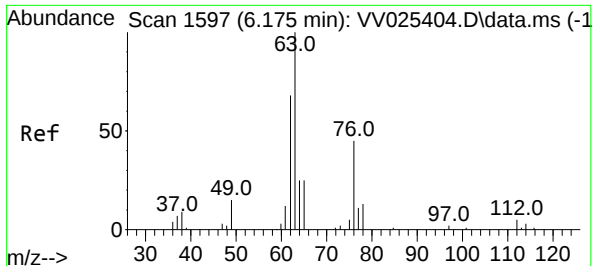
Tgt Ion: 95 Resp: 96885
Ion Ratio Lower Upper
95 100
97 62.9 45.8 85.2
132 98.4 68.0 126.4
130 102.4 71.9 133.5



#35
Methylcyclohexane
Concen: 4.483 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 83 Resp: 127206
Ion Ratio Lower Upper
83 100
55 69.0 53.7 80.5
98 49.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.442 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

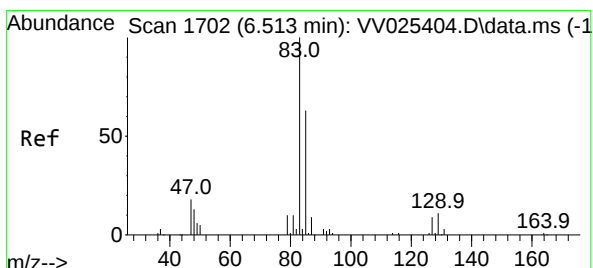
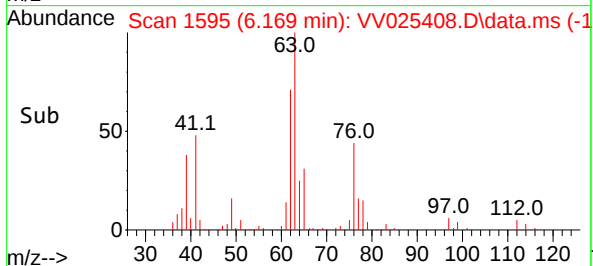
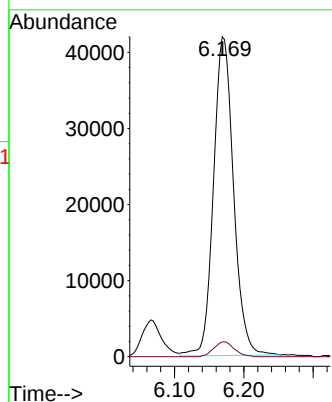
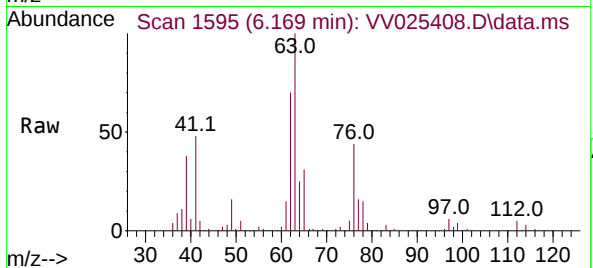
VICV236

Tgt Ion: 63 Resp: 84322

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 5.541 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

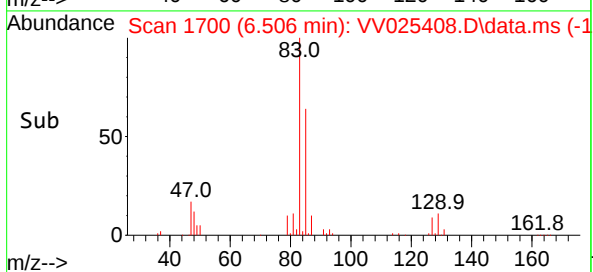
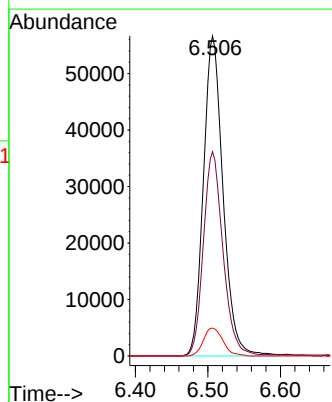
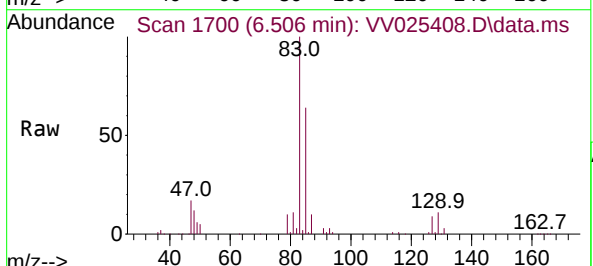
Tgt Ion: 83 Resp: 106573

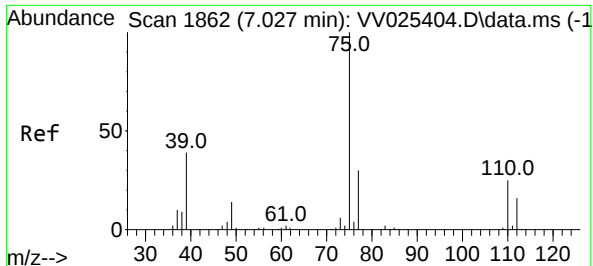
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.741 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

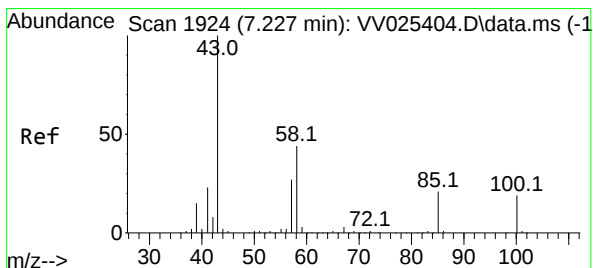
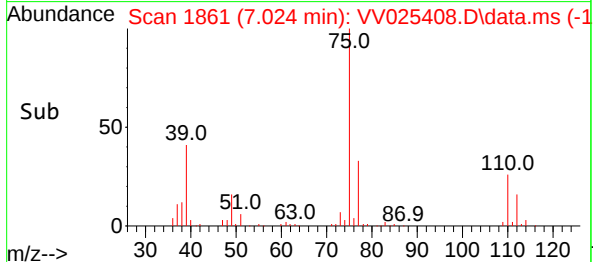
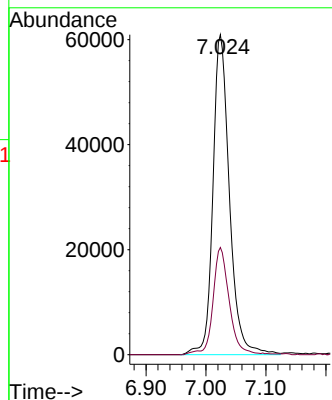
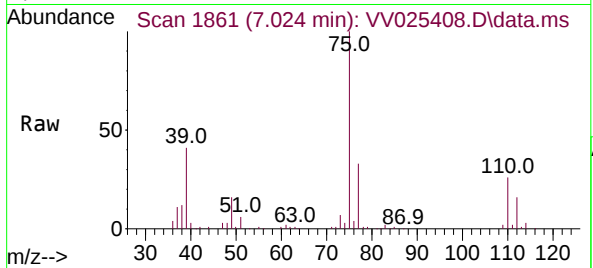
VICV236

Tgt Ion: 75 Resp: 116578

Ion Ratio Lower Upper

75 100

77 33.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.317 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.006 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

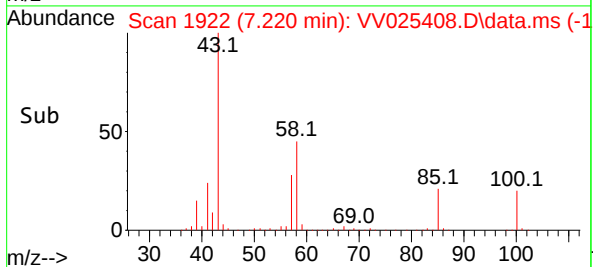
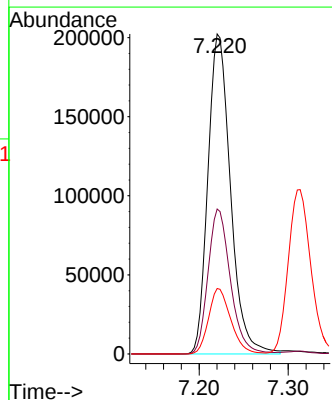
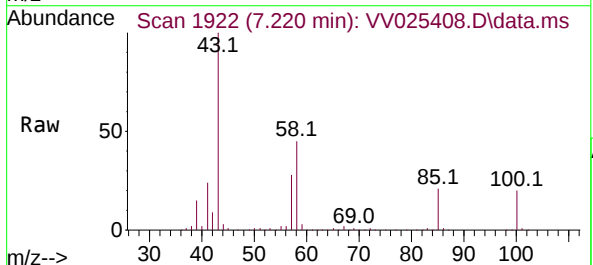
Tgt Ion: 43 Resp: 355586

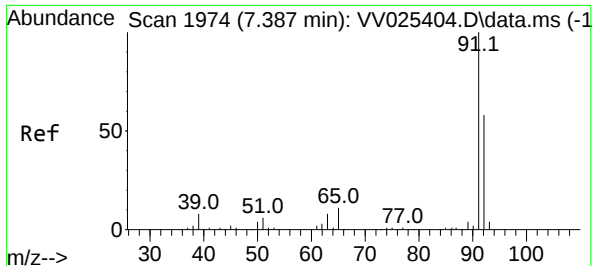
Ion Ratio Lower Upper

43 100

58 44.9 35.1 52.7

100 20.1 15.3 22.9





#42

Toluene

Concen: 5.432 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

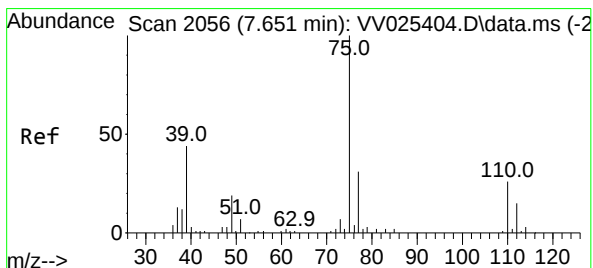
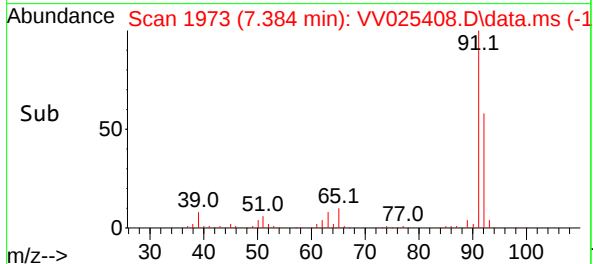
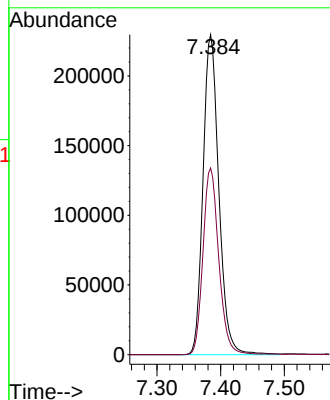
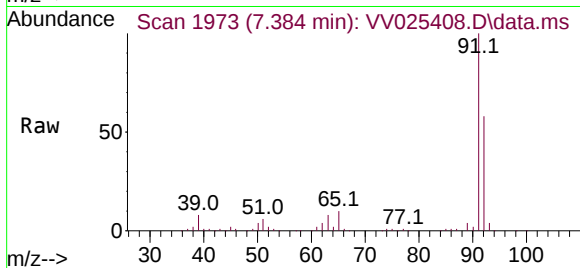
VICV236

Tgt Ion: 91 Resp: 395740

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.766 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025408.D

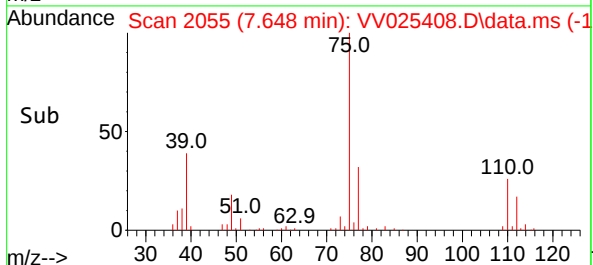
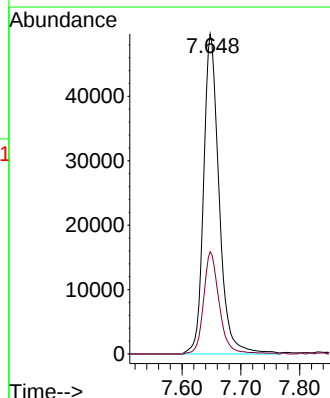
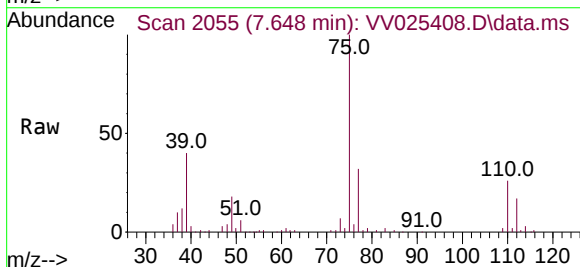
Acq: 08 Apr 2022 14:10

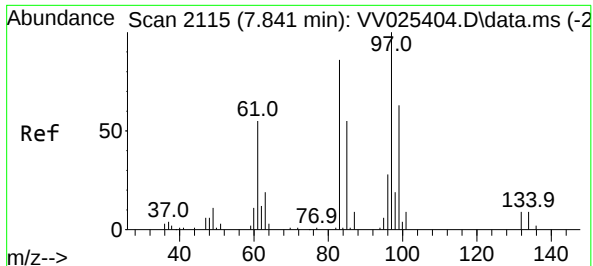
Tgt Ion: 75 Resp: 90967

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

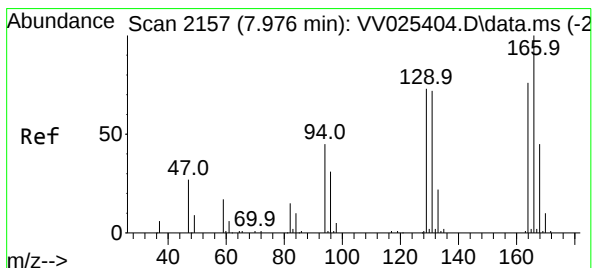
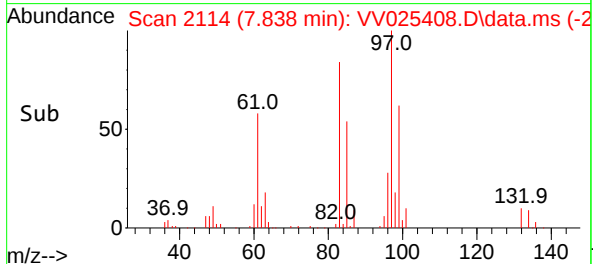
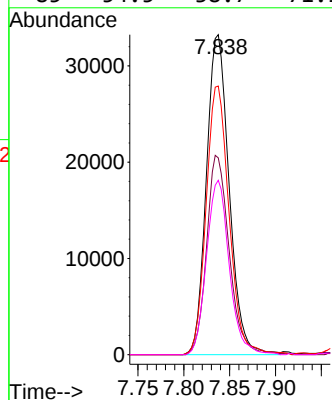
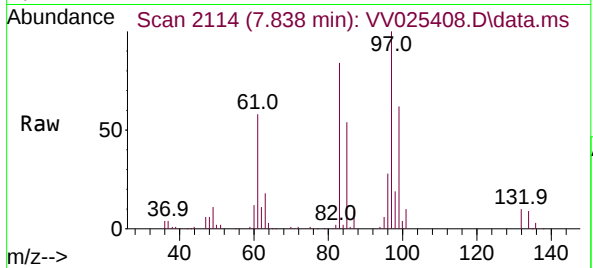




#45
1,1,2-Trichloroethane
Concen: 5.535 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

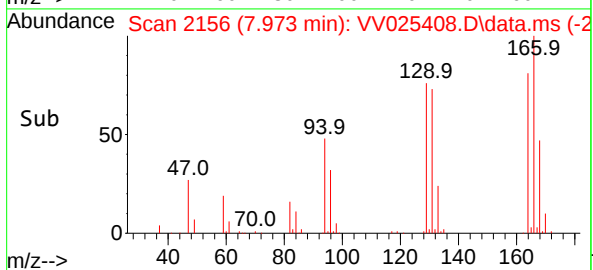
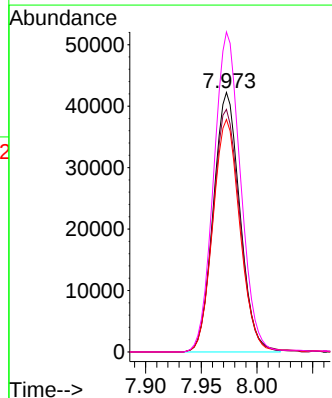
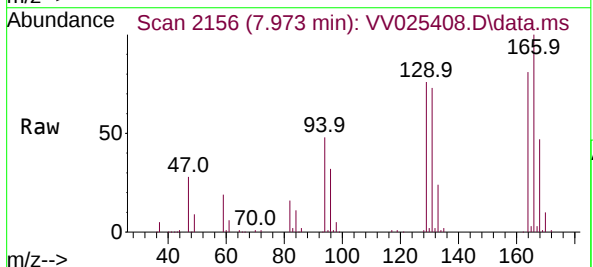
Instrument :
MSVOA_V
ClientSampleId :
VICV236

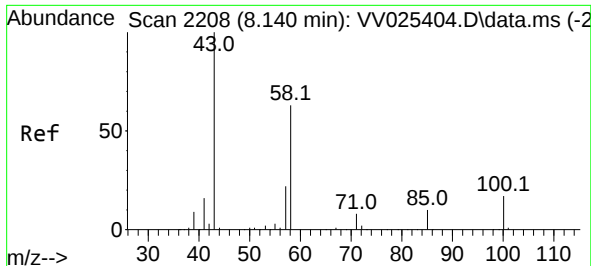
Tgt Ion:	97	Resp:	57434
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.4
83	84.0	60.3	112.1
85	54.5	38.7	71.9



#47
Tetrachloroethene
Concen: 5.038 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion:	164	Resp:	70132
Ion	Ratio	Lower	Upper
164	100		
129	93.5	66.8	124.2
131	89.6	66.4	123.4
166	123.3	91.7	170.3



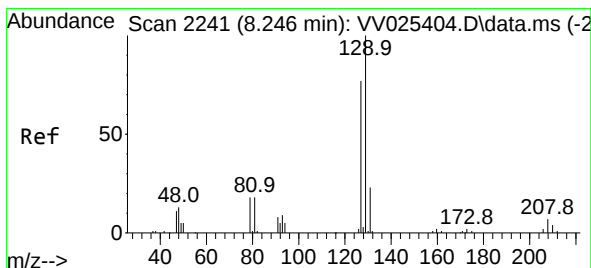
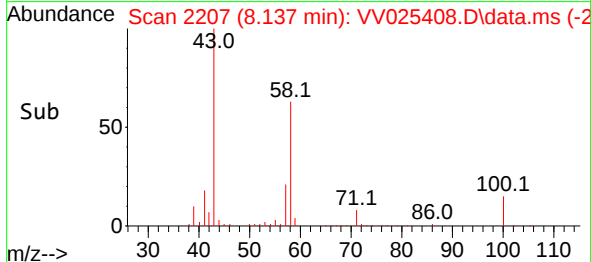
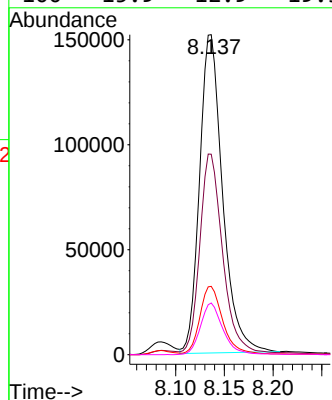
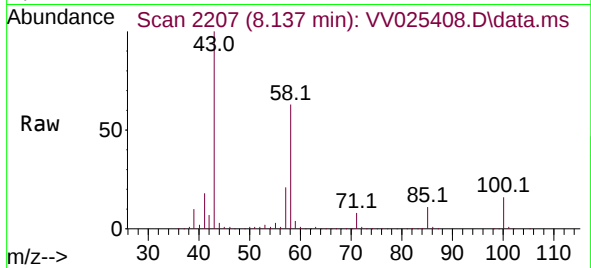


#48
2-Hexanone
Concen: 57.765 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Instrument :
MSVOA_V
ClientSampleId :
VICV236

Tgt Ion: 43 Resp: 249742

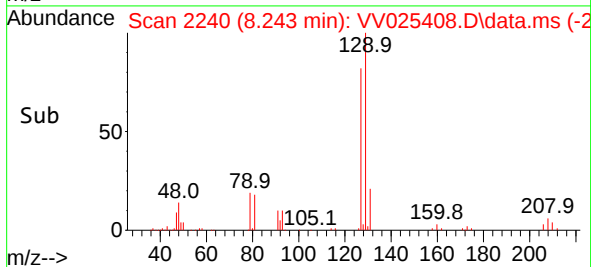
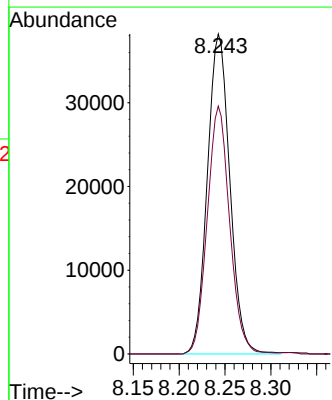
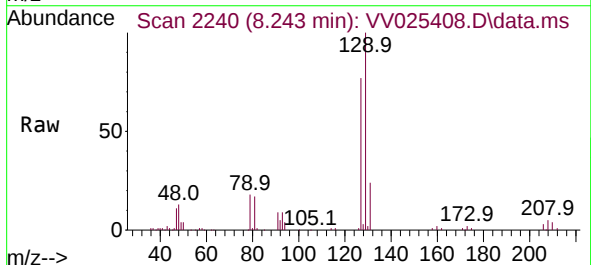
Ion	Ratio	Lower	Upper
43	100		
58	63.3	49.7	74.5
57	21.1	16.4	24.6
100	15.9	12.9	19.3

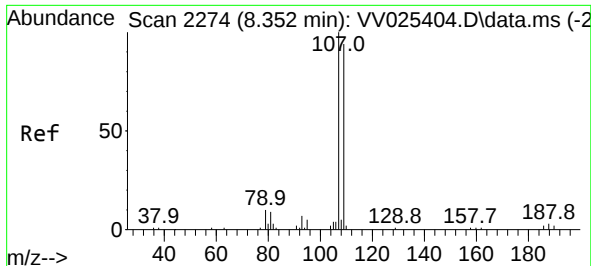


#49
Dibromochloromethane
Concen: 5.725 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 129 Resp: 65205

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.371 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

VICV236

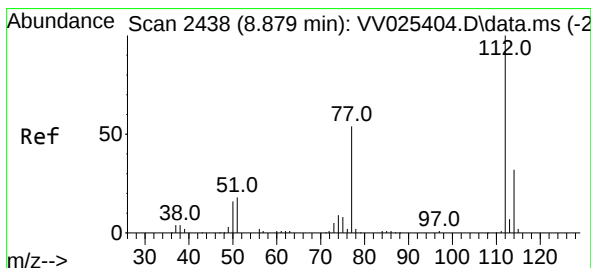
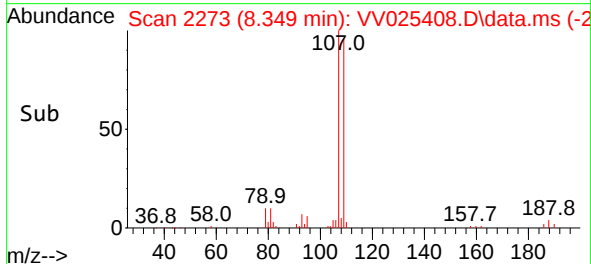
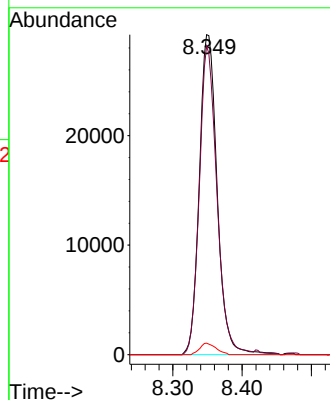
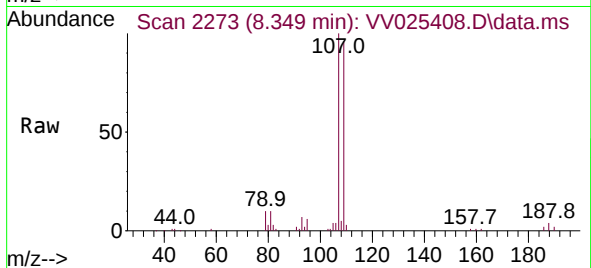
Tgt Ion:107 Resp: 52347

Ion Ratio Lower Upper

107 100

109 96.4 65.9 122.3

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 5.436 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

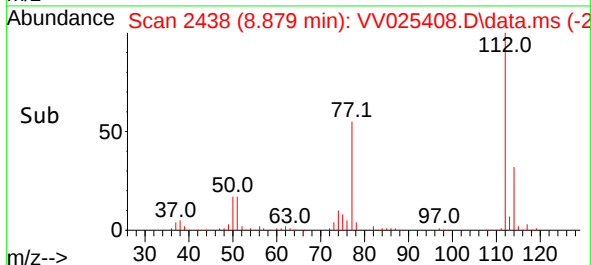
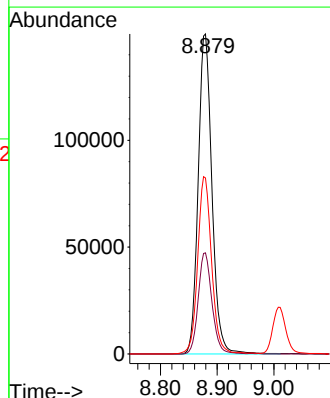
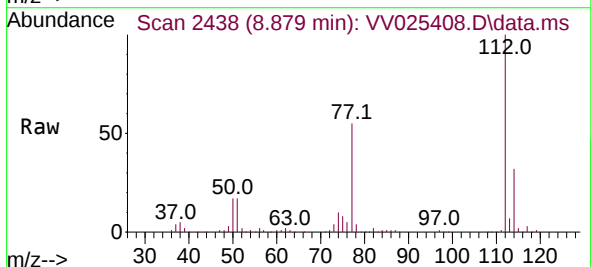
Tgt Ion:112 Resp: 252865

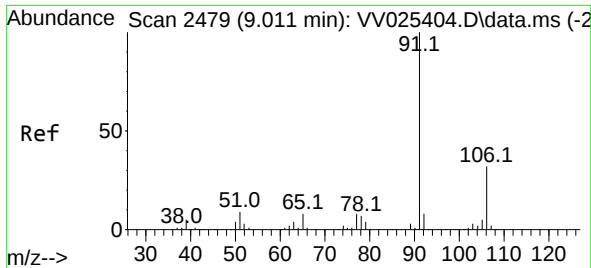
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 55.0 43.7 65.5

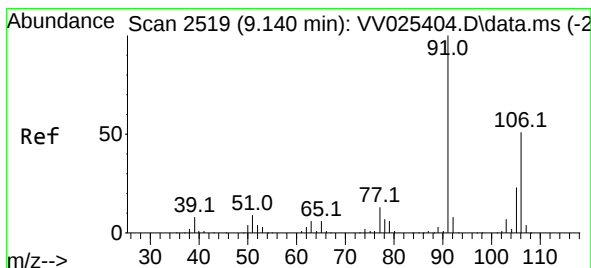
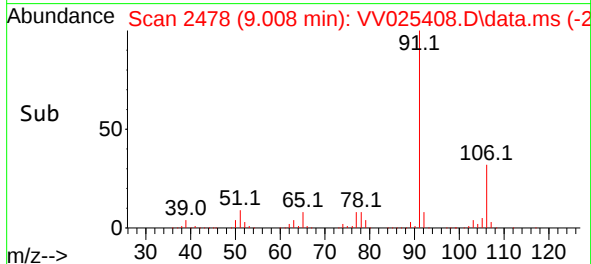
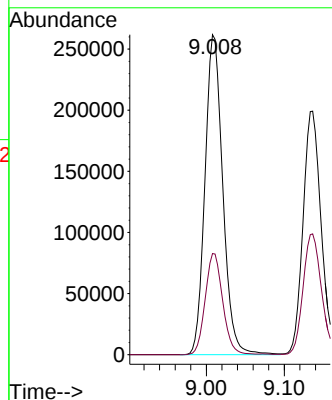
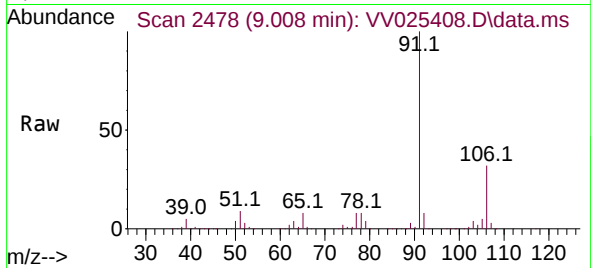




#52
Ethylbenzene
Concen: 5.352 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

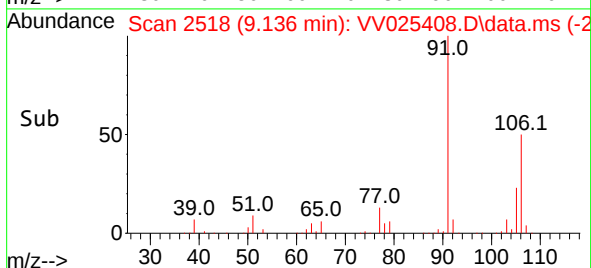
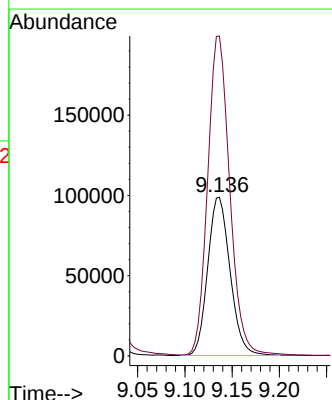
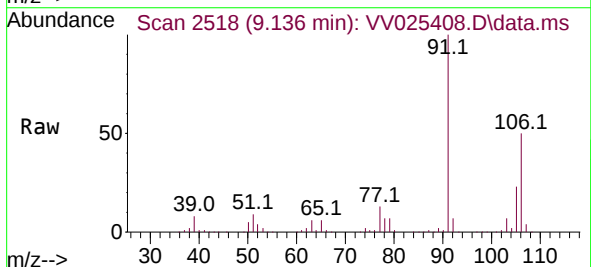
Instrument :
MSVOA_V
ClientSampleId :
VICV236

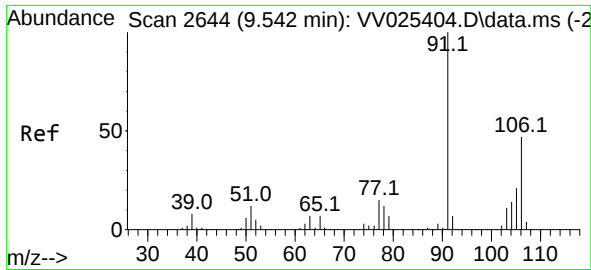
Tgt Ion: 91 Resp: 415820
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 5.498 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 106 Resp: 162417
Ion Ratio Lower Upper
106 100
91 201.6 136.4 253.4

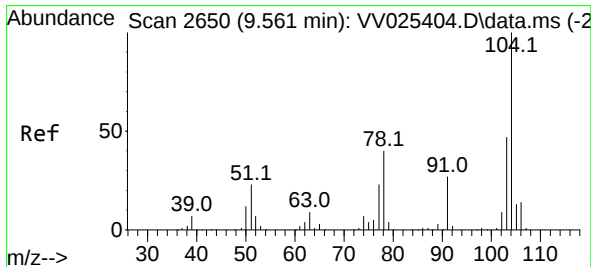
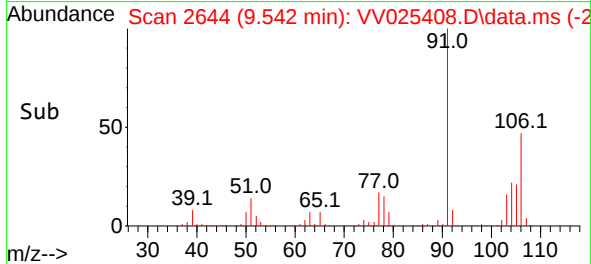
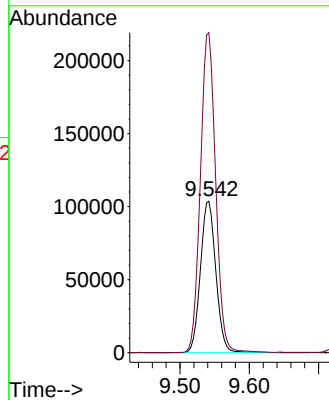
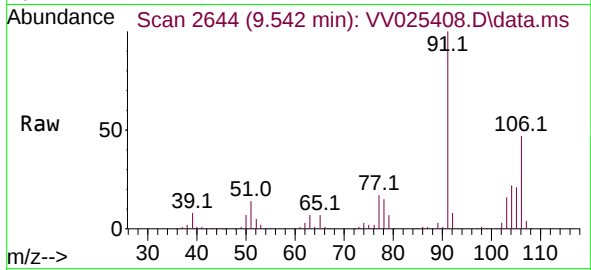




#54
o-Xylene
Concen: 5.591 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

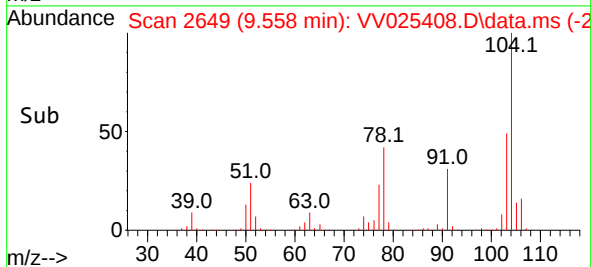
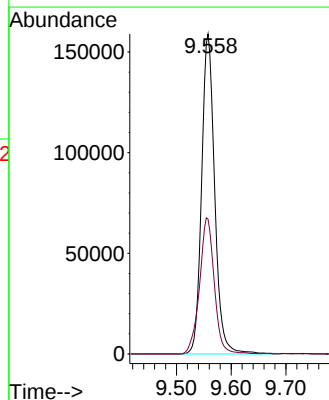
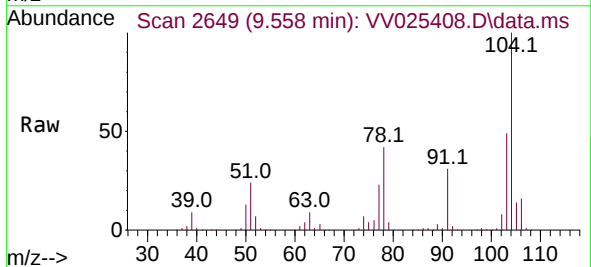
Instrument :
MSVOA_V
ClientSampleId :
VICV236

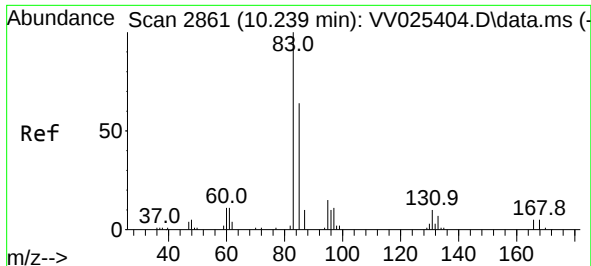
Tgt Ion:106 Resp: 160424
Ion Ratio Lower Upper
106 100
91 211.2 150.4 279.2



#55
Styrene
Concen: 5.661 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion:104 Resp: 264155
Ion Ratio Lower Upper
104 100
78 42.2 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.398 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

VICV236

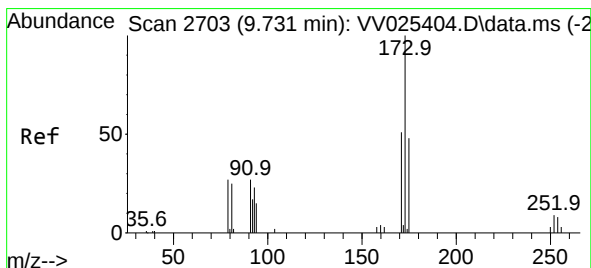
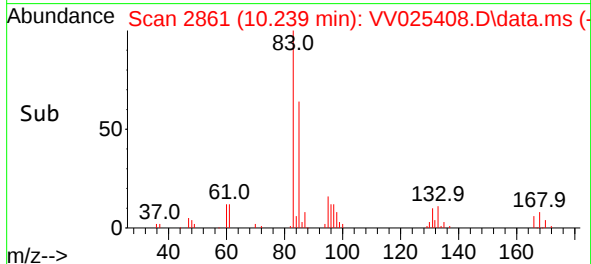
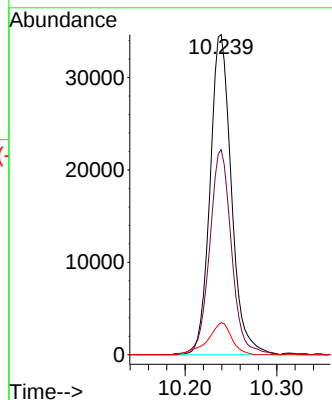
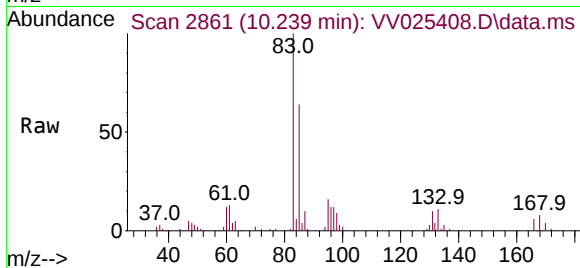
Tgt Ion: 83 Resp: 55963

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

131 10.0 7.9 11.9



#59

Bromoform

Concen: 5.831 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

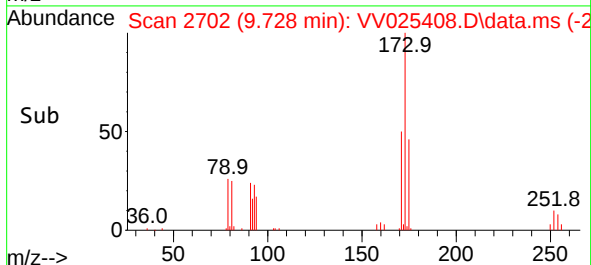
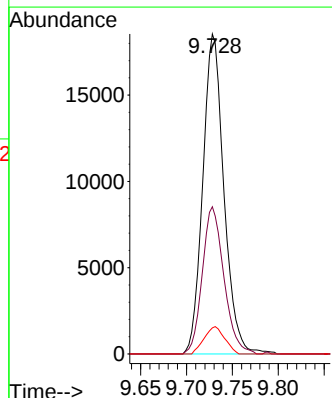
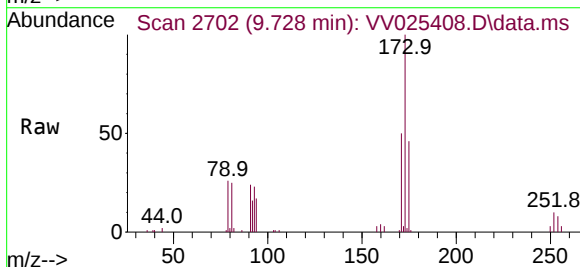
Tgt Ion: 173 Resp: 29722

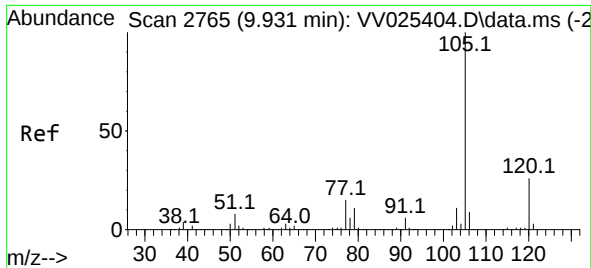
Ion Ratio Lower Upper

173 100

175 46.9 40.8 61.2

254 8.3 7.0 10.6

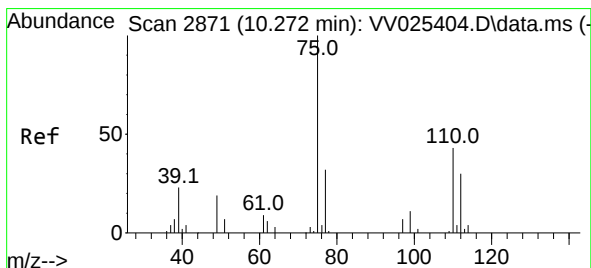
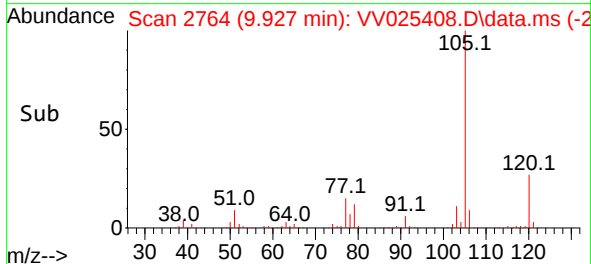
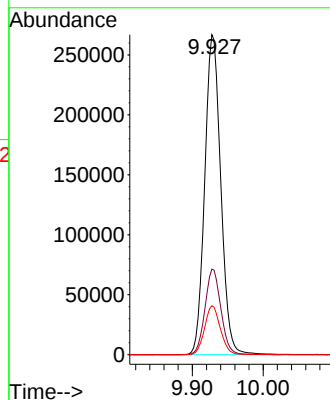
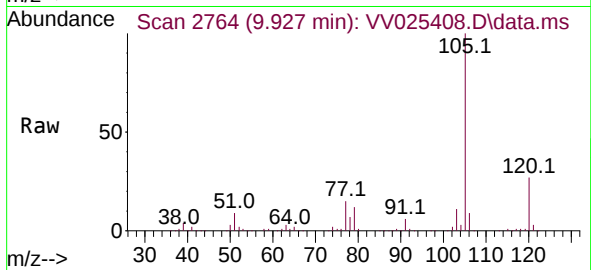




#60
Isopropylbenzene
Concen: 5.488 ug/L
RT: 9.927 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

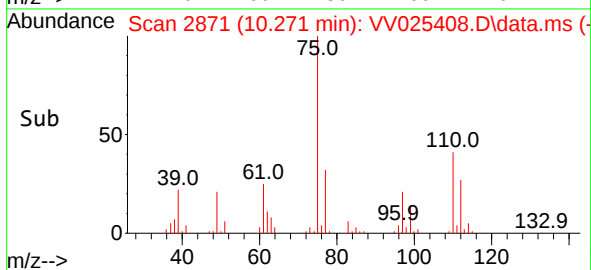
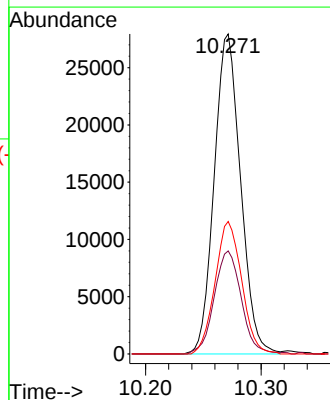
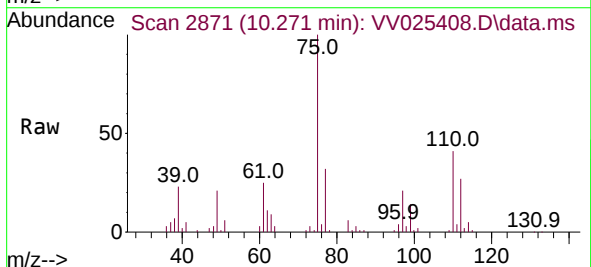
Instrument :
MSVOA_V
ClientSampleId :
VICV236

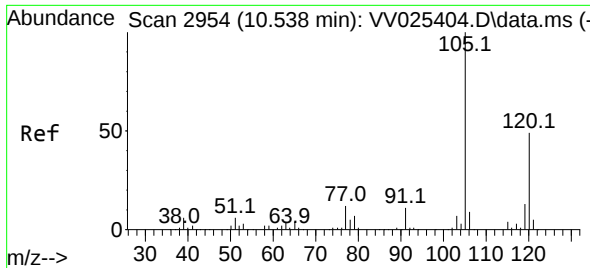
Tgt Ion:105 Resp: 419462
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.446 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 75 Resp: 44293
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4
110 41.9 34.7 52.1

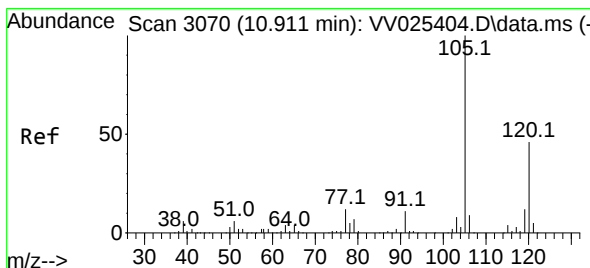
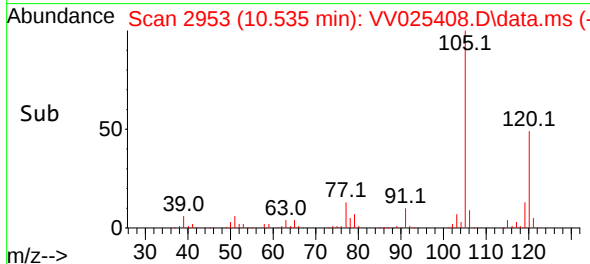
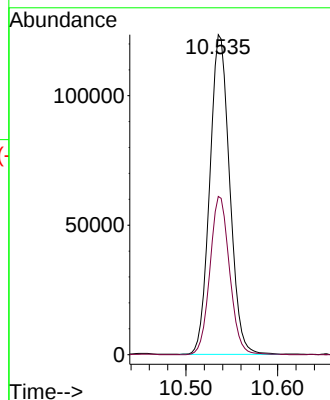
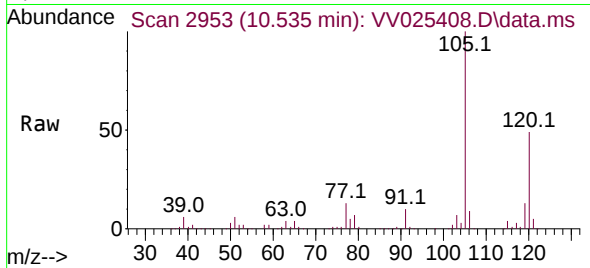




#62
 1,3,5-Trimethylbenzene
 Concen: 5.462 ug/L
 RT: 10.535 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

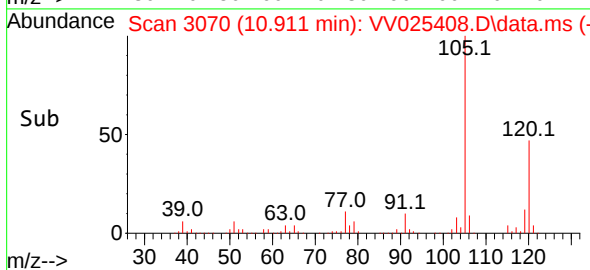
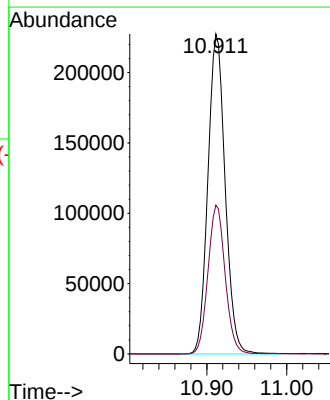
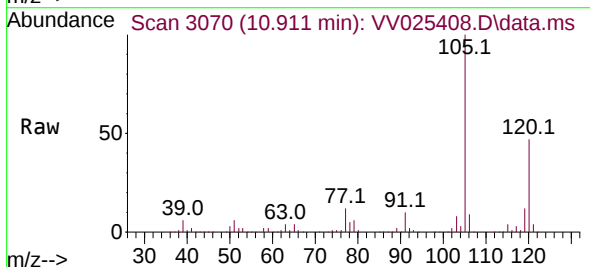
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

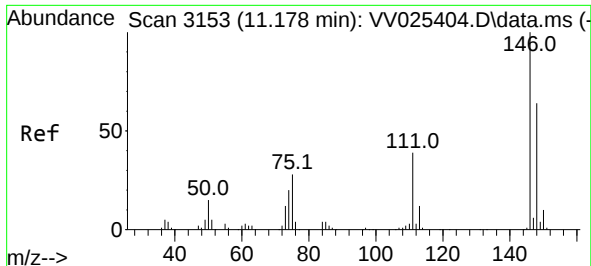
Tgt Ion:105 Resp: 186164
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.544 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025408.D
 Acq: 08 Apr 2022 14:10

Tgt Ion:105 Resp: 340455
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.6 55.0

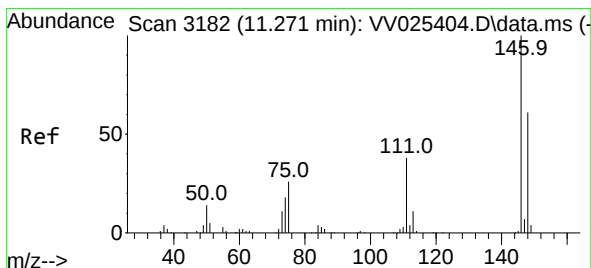
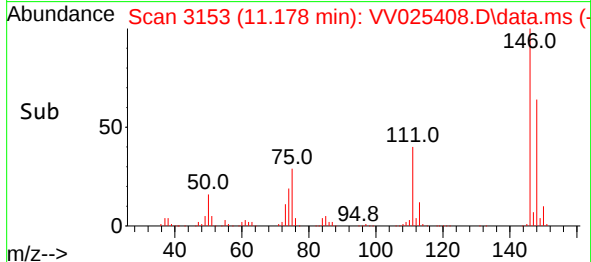
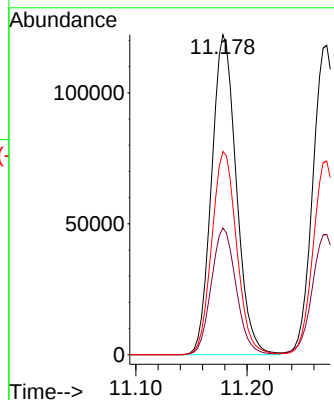
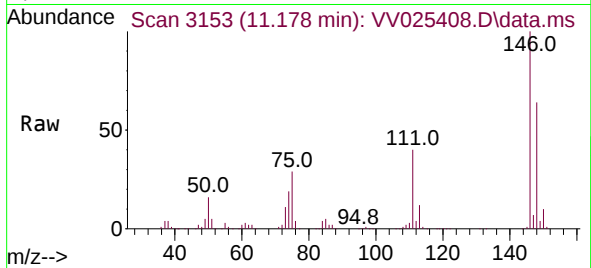




#64
1,3-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

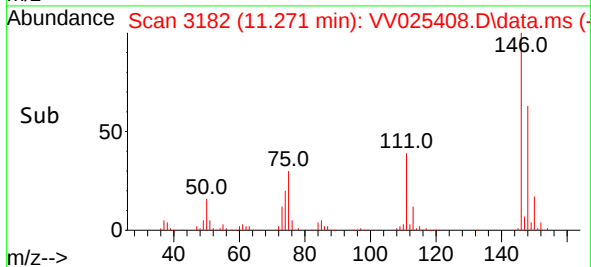
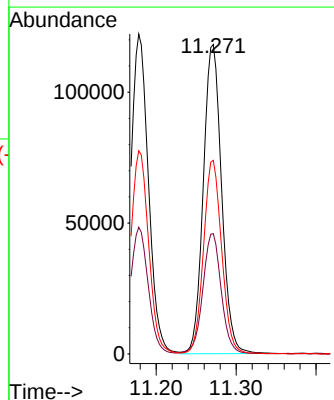
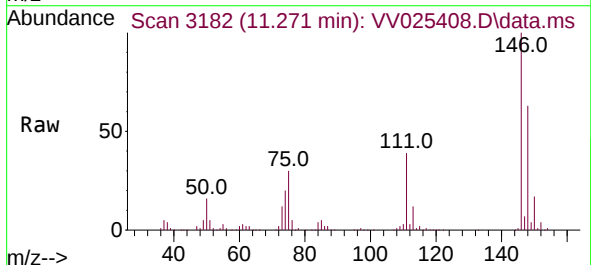
Instrument :
MSVOA_V
ClientSampleId :
VICV236

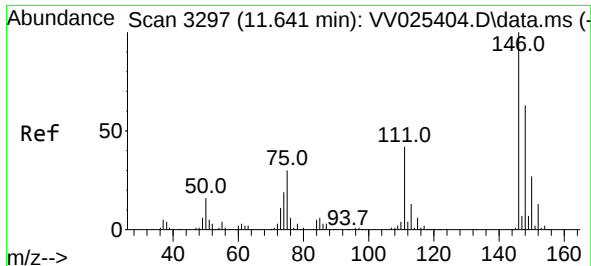
Tgt Ion:146 Resp: 188640
Ion Ratio Lower Upper
146 100
111 39.6 27.4 50.8
148 63.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.202 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion:146 Resp: 188396
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 62.6 42.8 79.6

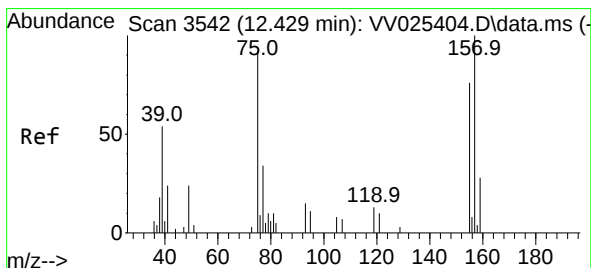
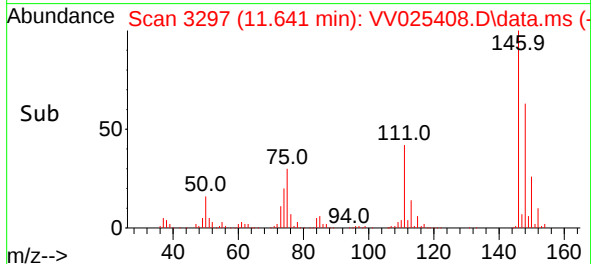
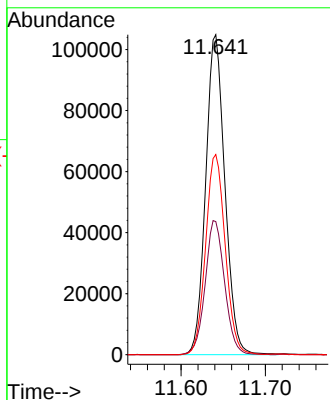
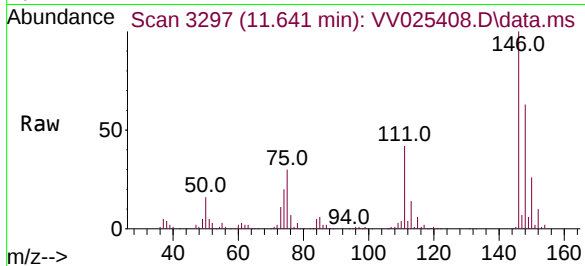




#67
1,2-Dichlorobenzene
Concen: 5.275 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

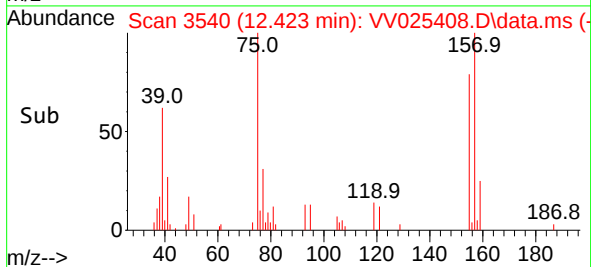
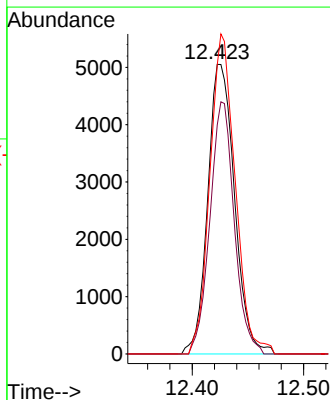
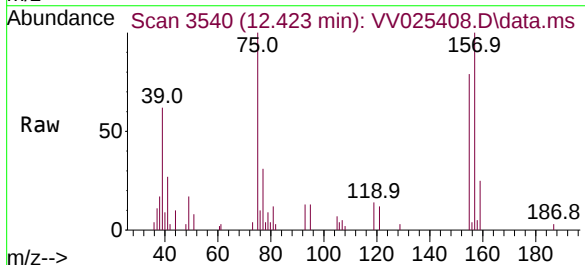
Instrument :
MSVOA_V
ClientSampleId :
VICV236

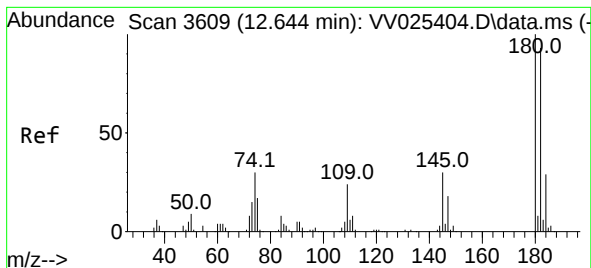
Tgt Ion:146 Resp: 166685
Ion Ratio Lower Upper
146 100
111 41.6 33.6 50.4
148 62.5 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.017 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.006 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion: 75 Resp: 8461
Ion Ratio Lower Upper
75 100
155 79.0 65.8 98.8
157 99.8 86.6 130.0

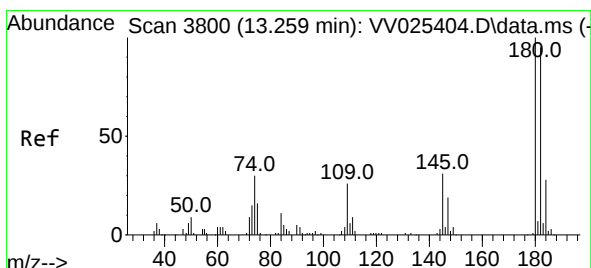
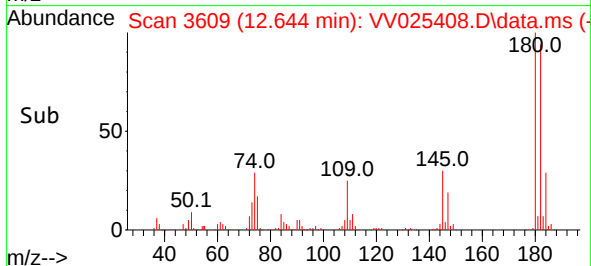
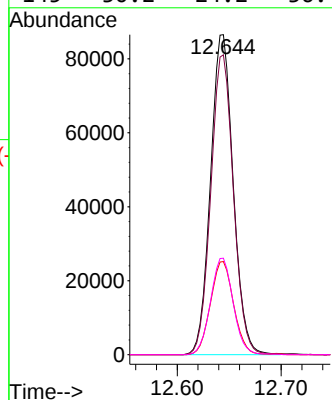
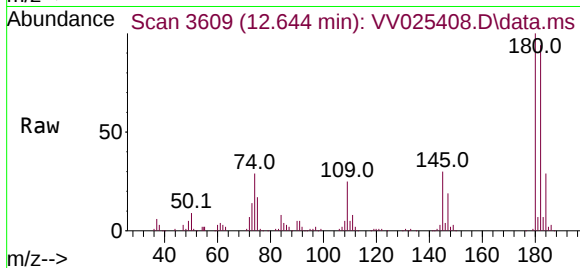




#69
1,3,5-Trichlorobenzene
Concen: 4.834 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

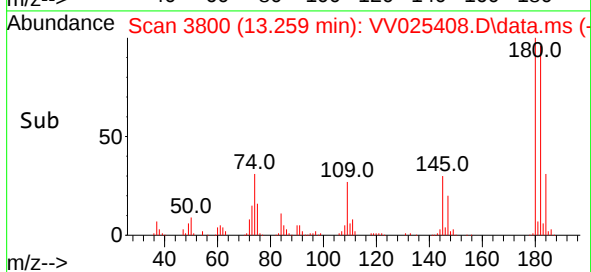
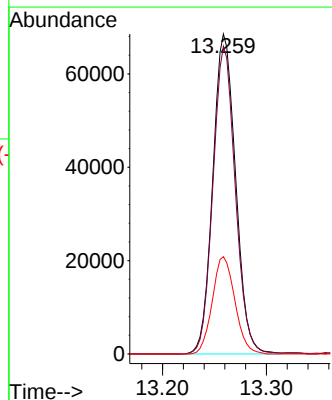
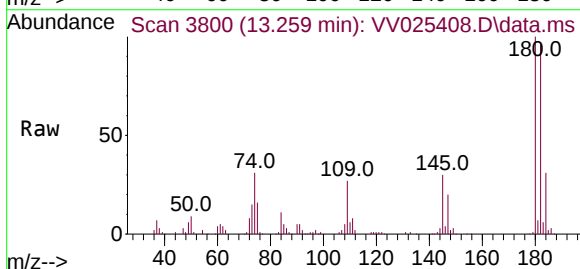
Instrument :
MSVOA_V
ClientSampleId :
VICV236

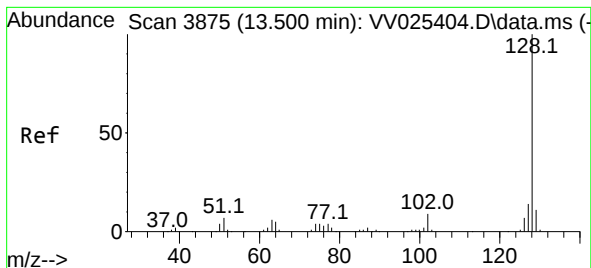
Tgt Ion:180	Resp:	131230
Ion	Ratio	Lower Upper
180	100	
182	93.3	75.3 112.9
184	29.7	23.4 35.2
145	30.2	24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 4.990 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025408.D
Acq: 08 Apr 2022 14:10

Tgt Ion:180	Resp:	104411
Ion	Ratio	Lower Upper
180	100	
182	94.2	76.6 114.8
145	30.1	24.6 36.8





#71

Naphthalene

Concen: 5.546 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Instrument :

MSVOA_V

ClientSampleId :

VICV236

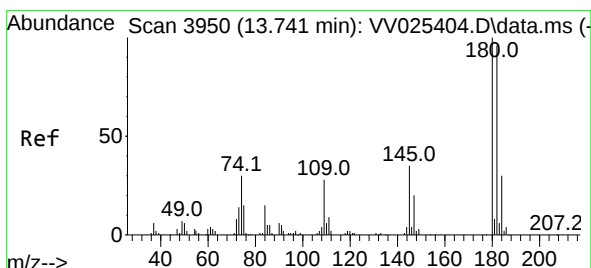
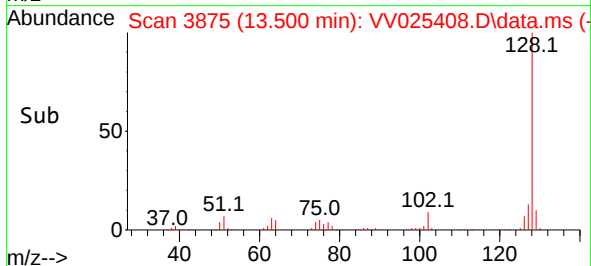
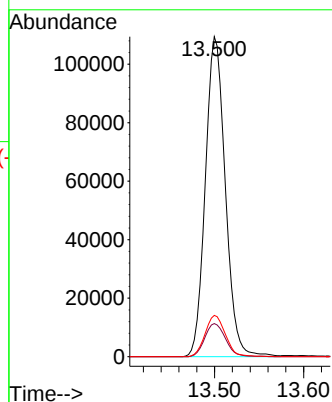
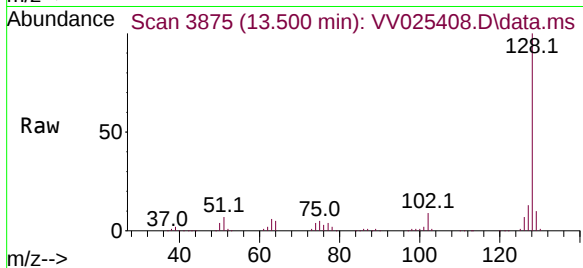
Tgt Ion:128 Resp: 170245

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.265 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025408.D

Acq: 08 Apr 2022 14:10

Tgt Ion:180 Resp: 91219

Ion Ratio Lower Upper

180 100

182 93.7 77.7 116.5

145 32.4 27.4 41.2

