

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
 Data File : VV031271.D
 Acq On : 30 May 2023 16:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV252

Quant Time: May 31 05:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 05:14:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	145480	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50281	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.536	69	54700	4.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	65	28090	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.815	46	152474	36.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.260%
24) Chloroform-d	4.259	84	132467	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	66137	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.966	84	233234	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.995	67	82205	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.249	98	209550	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.561	79	28346	4.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.034	63	133549	47.644	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.280%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	62265	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	73904	4.687	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	97435	4.172	ug/L	99
3) Chloromethane	1.217	50	93186	4.206	ug/L	97
5) Vinyl chloride	1.285	62	96097	4.333	ug/L	99
6) Bromomethane	1.491	94	54821	4.395	ug/L	97
8) Chloroethane	1.552	64	58344	4.196	ug/L	96
9) Trichlorofluoromethane	1.716	101	138925	4.149	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	79011	4.244	ug/L	97
12) 1,1-Dichloroethene	2.072	96	66007	4.188	ug/L	93
13) Acetone	2.140	43	123926	36.236	ug/L	98
14) Carbon disulfide	2.243	76	208695	4.385	ug/L	100
15) Methyl Acetate	2.391	43	30301	4.684	ug/L	97
16) Methylene chloride	2.452	84	76464	3.571	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	151741	4.443	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	66404	4.430	ug/L	96
19) 1,1-Dichloroethane	3.117	63	142283	4.288	ug/L	96
21) 2-Butanone	3.896	43	176746	39.846	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	69412	4.411	ug/L	98
23) Bromochloromethane	4.159	128	29797	4.277	ug/L	95
25) Chloroform	4.285	83	143643	4.121	ug/L	97

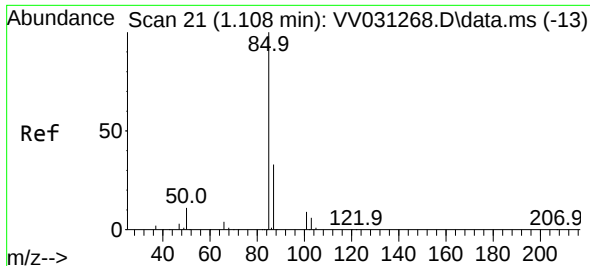
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Instrument :
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 VICV252

Quant Time: May 31 05:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 05:14:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	85580	4.463	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	124433	4.344	ug/L	99
30) Cyclohexane	4.590	56	126062	4.697	ug/L	97
31) Carbon tetrachloride	4.741	117	111413	4.340	ug/L	96
33) Benzene	5.018	78	288361	4.594	ug/L	100
34) Trichloroethene	5.841	95	75522	4.385	ug/L	97
35) Methylcyclohexane	6.059	83	116300	4.578	ug/L	99
37) 1,2-Dichloropropane	6.098	63	81337	4.786	ug/L	99
38) Bromodichloromethane	6.439	83	97988	4.366	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	105586	4.654	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	466441	47.508	ug/L	97
42) Toluene	7.320	91	300389	4.619	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	88607	4.729	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	50278	4.345	ug/L	99
47) Tetrachloroethene	7.911	164	57323	4.431	ug/L	91
48) 2-Hexanone	8.085	43	350848	47.610	ug/L	99
49) Dibromochloromethane	8.185	129	59356	4.494	ug/L	96
50) 1,2-Dibromoethane	8.291	107	48286	4.355	ug/L	99
51) Chlorobenzene	8.821	112	178713	4.500	ug/L	97
52) Ethylbenzene	8.953	91	316707	4.633	ug/L	99
53) m,p-Xylene	9.079	106	116147	4.733	ug/L	98
54) o-Xylene	9.487	106	106621	4.611	ug/L	98
55) Styrene	9.503	104	194314	4.752	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	61182	4.439	ug/L	99
59) Bromoform	9.673	173	32450	4.464	ug/L	99
60) Isopropylbenzene	9.873	105	306953	4.741	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	44650	4.481	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	248713	4.726	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	258382	4.801	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	145367	4.677	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	145490	4.661	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	132636	4.634	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	10481	4.592	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	106695	4.679	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	88924	5.278	ug/L	98
71) Naphthalene	13.448	128	143515	6.107	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	81044	5.242	ug/L	100

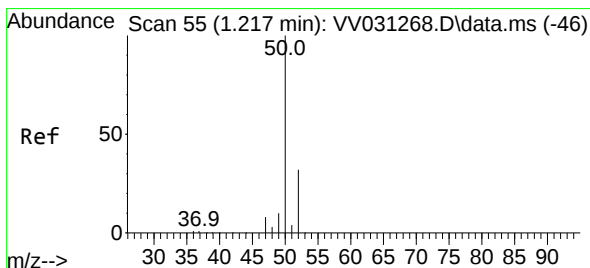
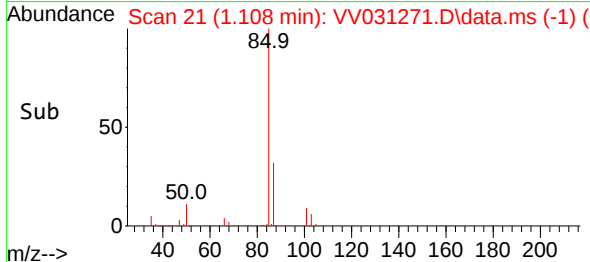
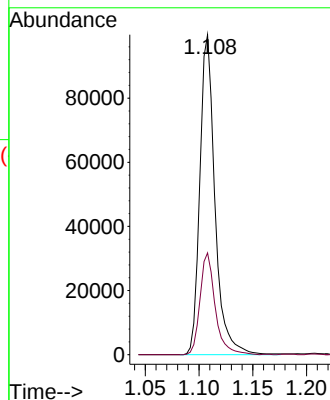
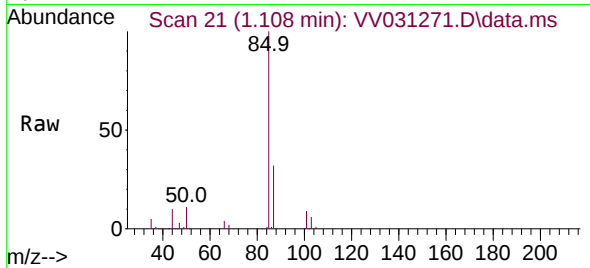
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#2
 Dichlorodifluoromethane
 Concen: 4.172 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

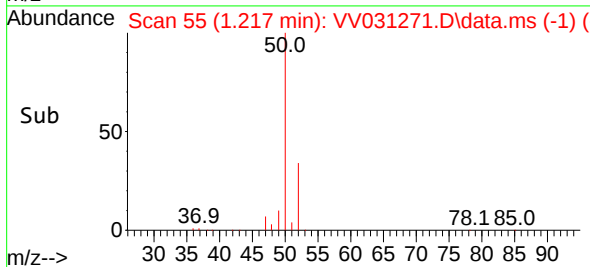
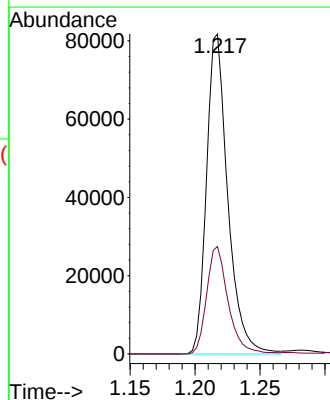
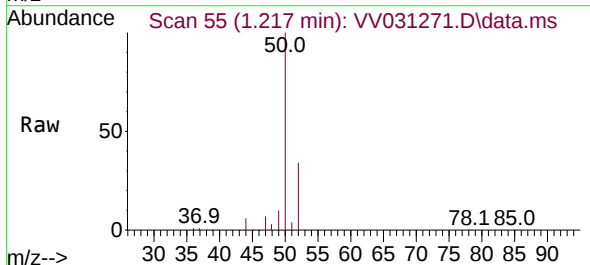
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV252

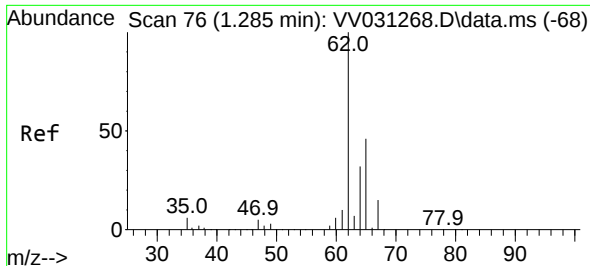
Tgt Ion: 85 Resp: 97435
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.1 39.1



#3
 Chloromethane
 Concen: 4.206 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

Tgt Ion: 50 Resp: 93186
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.3 41.5

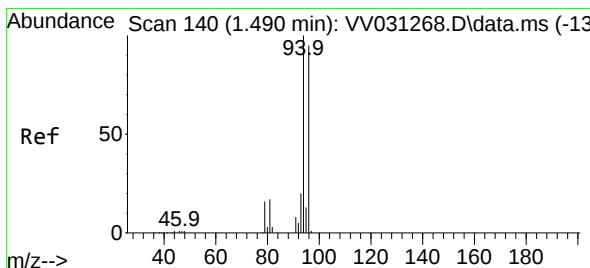
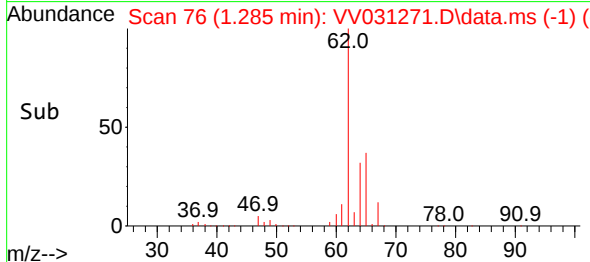
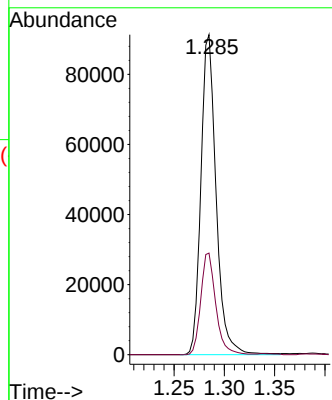
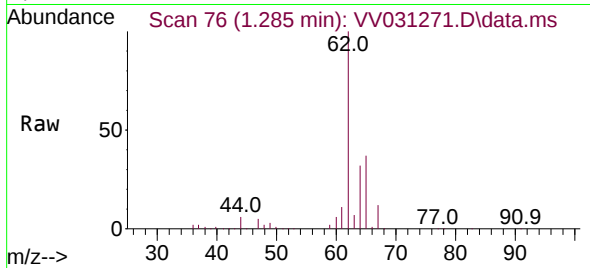




#5
 Vinyl chloride
 Concen: 4.333 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

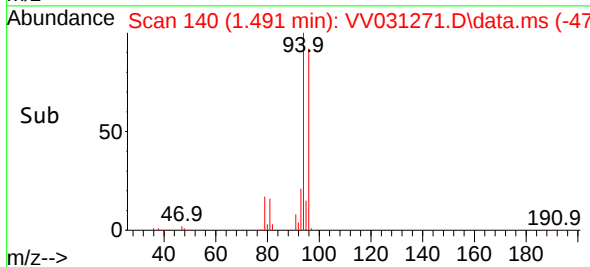
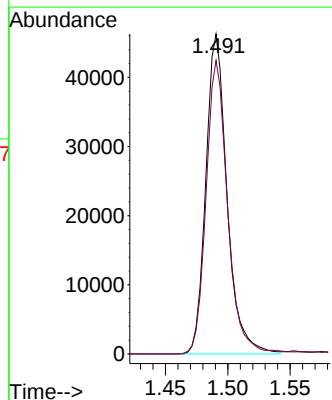
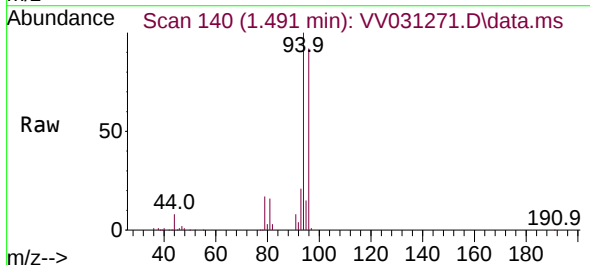
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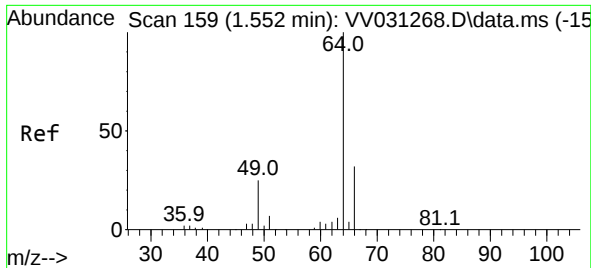
Tgt Ion: 62 Resp: 96097
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.5 41.7



#6
 Bromomethane
 Concen: 4.395 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

Tgt Ion: 94 Resp: 54821
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.3 123.1

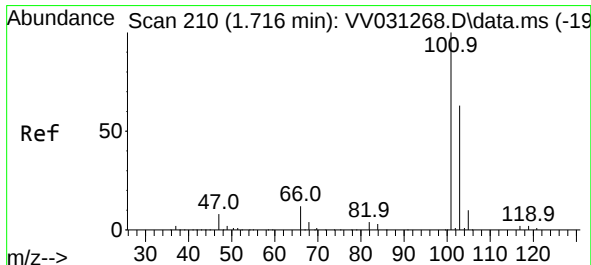
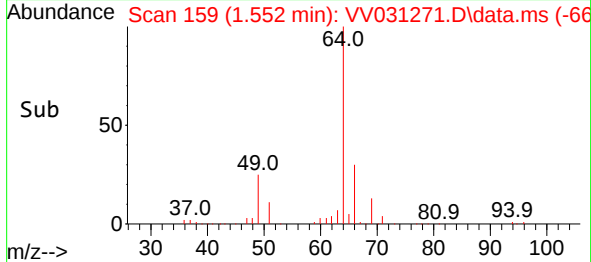
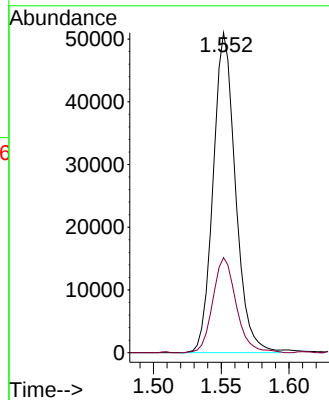
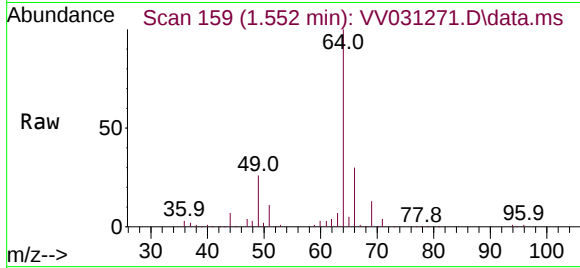




#8
Chloroethane
Concen: 4.196 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

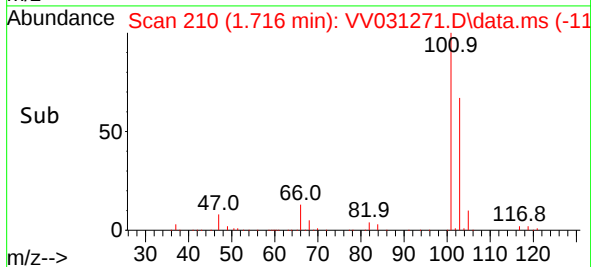
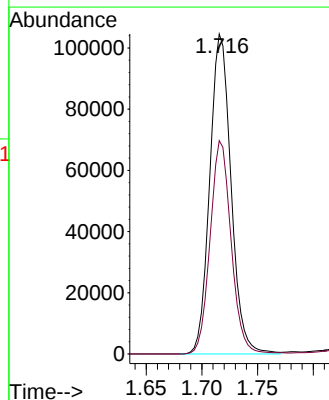
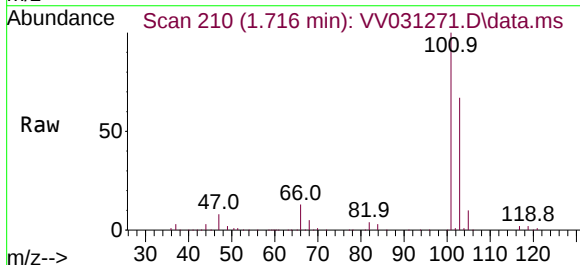
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ClientSampleId :
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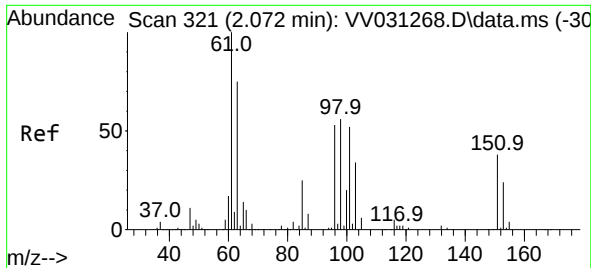
Tgt Ion: 64 Resp: 58344
Ion Ratio Lower Upper
64 100
66 29.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.149 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion:101 Resp: 138925
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6

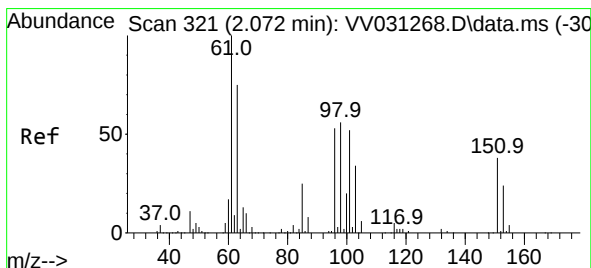
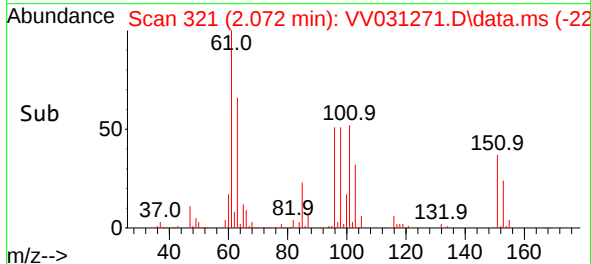
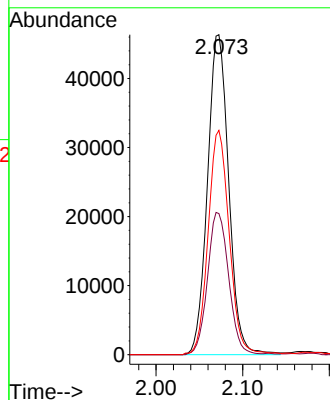
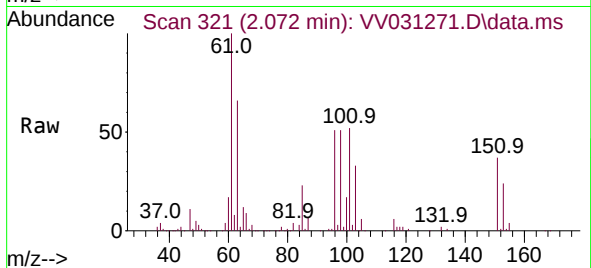




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.244 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

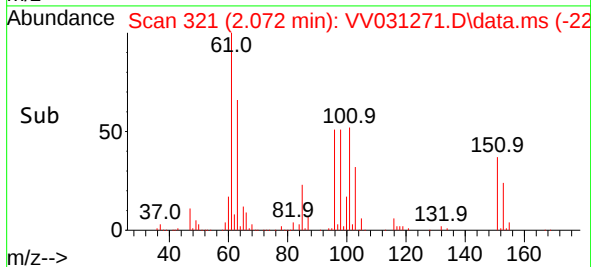
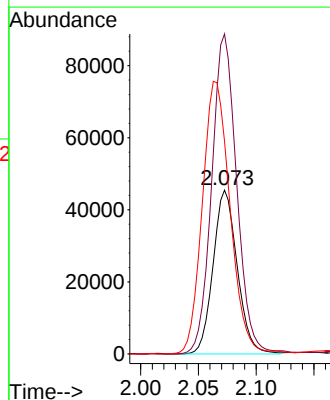
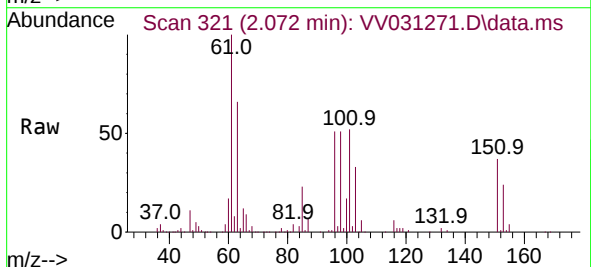
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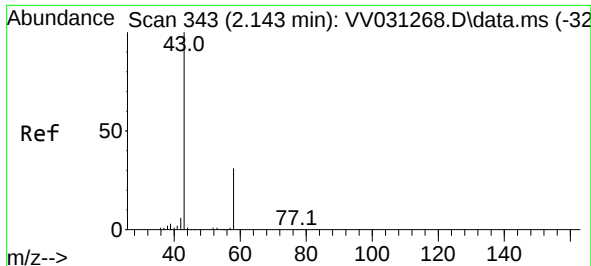
Tgt Ion:	101	Resp:	79011
Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.6	55.0
151	69.6	57.7	86.5



#12
 1,1-Dichloroethene
 Concen: 4.188 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

Tgt Ion:	96	Resp:	66007
Ion	Ratio	Lower	Upper
96	100		
61	195.3	132.9	246.9
63	129.9	100.4	186.6





#13

Acetone

Concen: 36.236 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

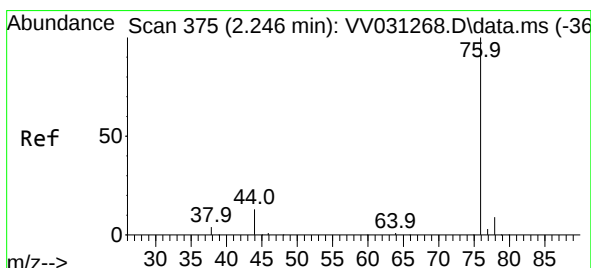
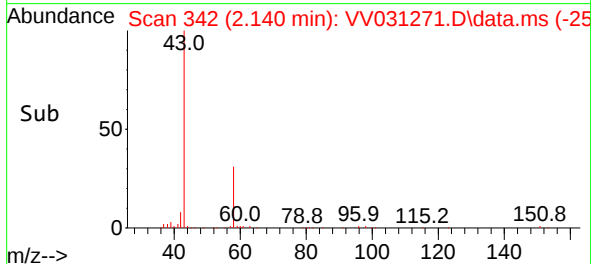
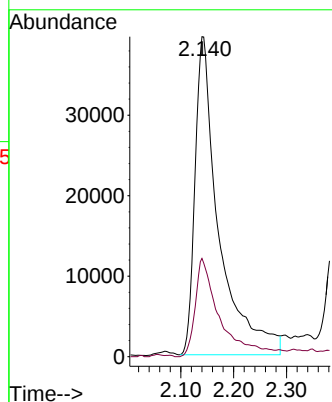
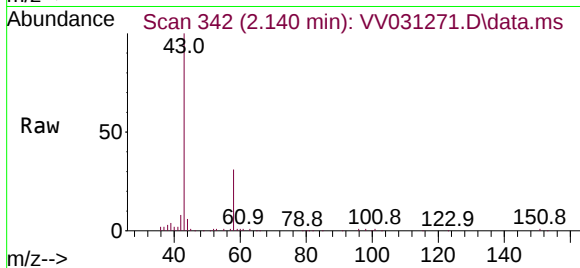
VICV252

Tgt Ion: 43 Resp: 123926

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.0



#14

Carbon disulfide

Concen: 4.385 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031271.D

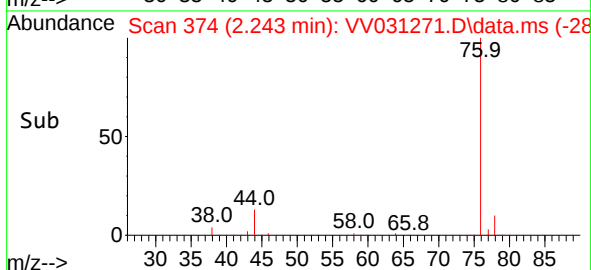
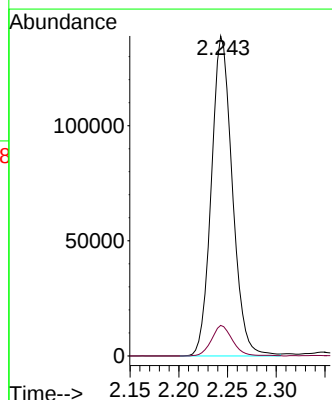
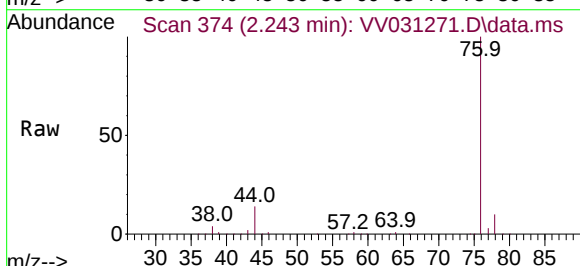
Acq: 30 May 2023 16:23

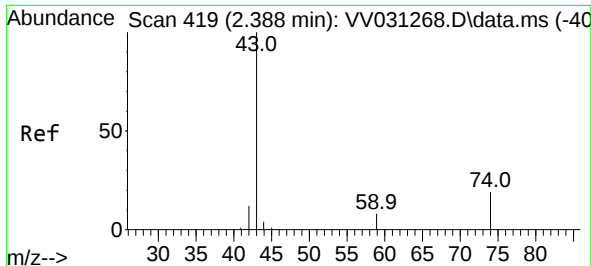
Tgt Ion: 76 Resp: 208695

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

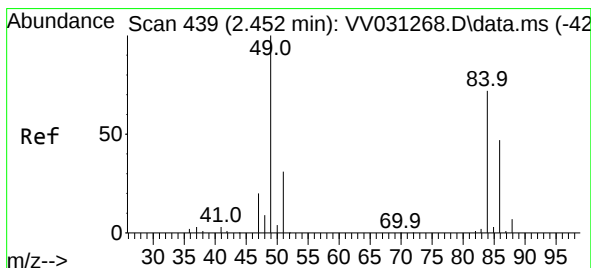
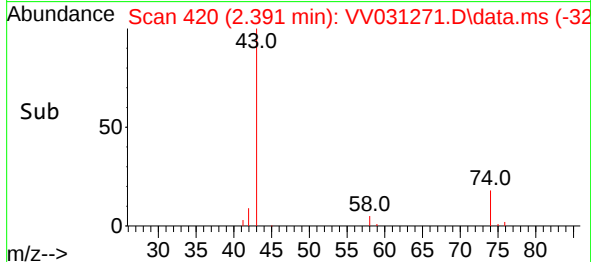
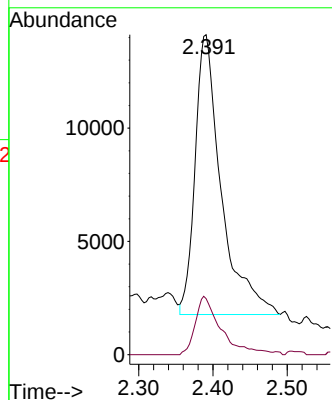
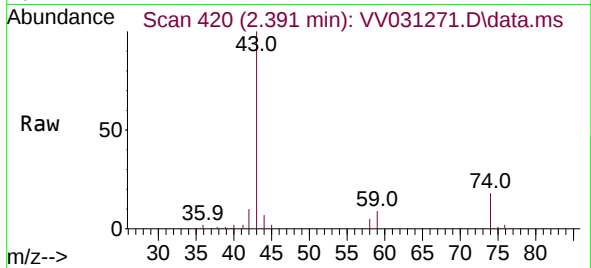




#15
Methyl Acetate
Concen: 4.684 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

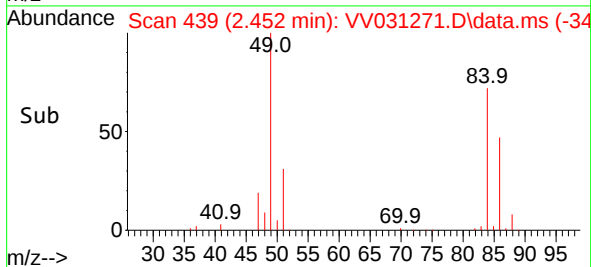
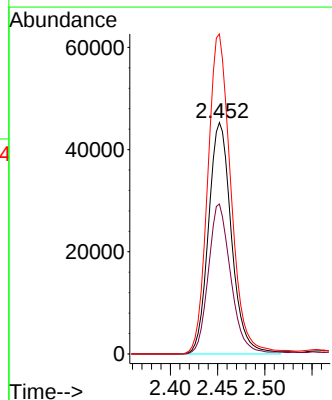
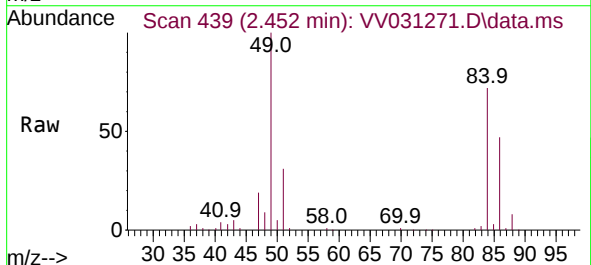
Instrument :
MSVOA_V
ClientSampleId :
VICV252

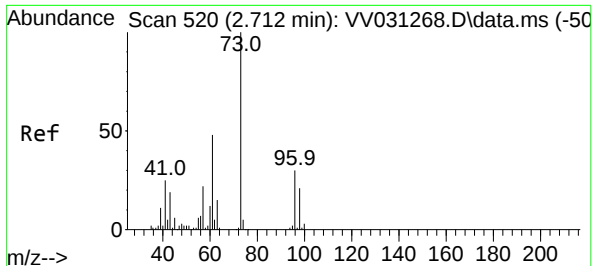
Tgt Ion: 43 Resp: 30301
Ion Ratio Lower Upper
43 100
74 20.5 17.4 26.2



#16
Methylene chloride
Concen: 3.571 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 84 Resp: 76464
Ion Ratio Lower Upper
84 100
86 64.8 45.1 83.9
49 138.3 97.0 180.2





#17

Methyl tert-butyl Ether

Concen: 4.443 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

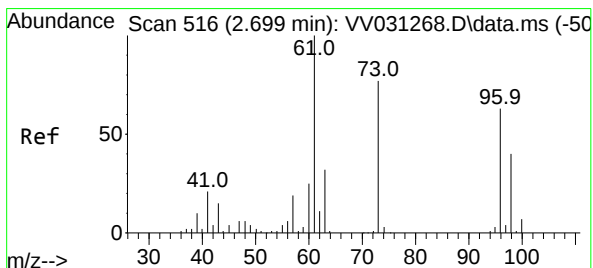
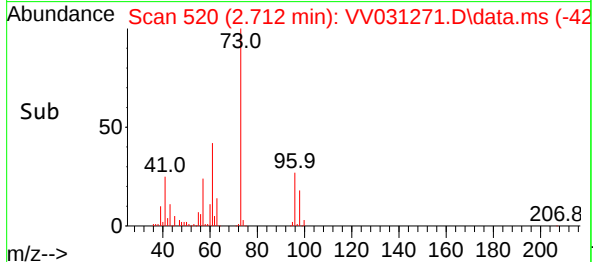
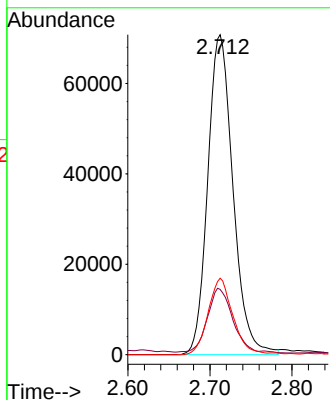
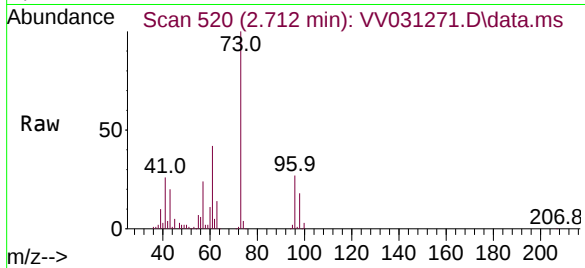
Tgt Ion: 73 Resp: 151741

Ion Ratio Lower Upper

73 100

43 19.6 15.8 23.6

57 23.4 19.0 28.4



#18

trans-1,2-Dichloroethene

Concen: 4.430 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

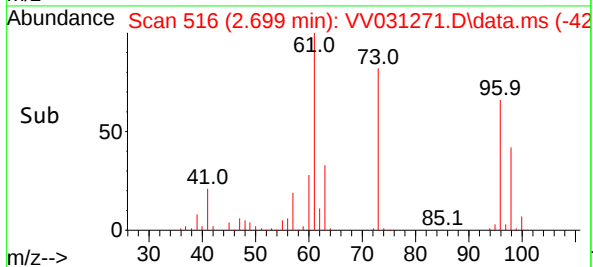
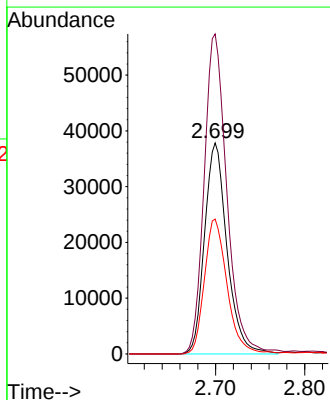
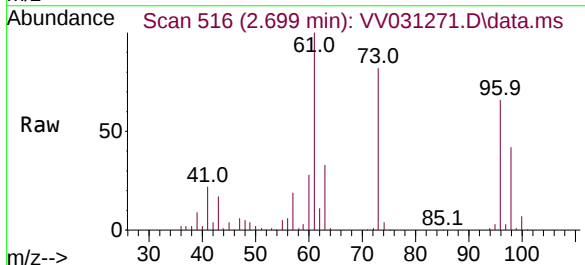
Tgt Ion: 96 Resp: 66404

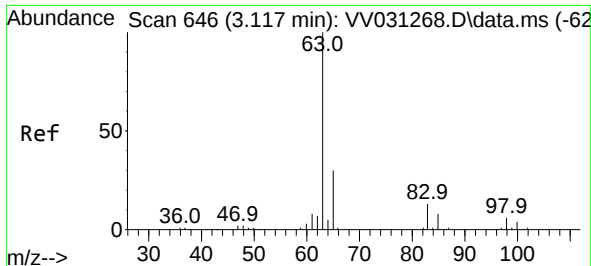
Ion Ratio Lower Upper

96 100

61 151.6 110.7 205.5

98 63.9 44.6 82.8





#19

1,1-Dichloroethane

Concen: 4.288 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

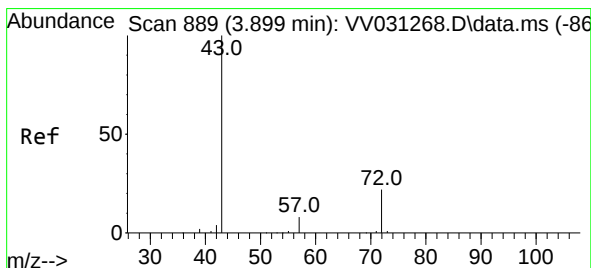
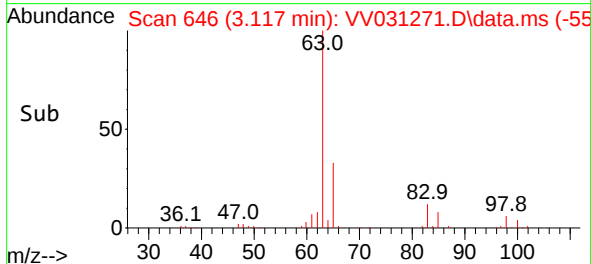
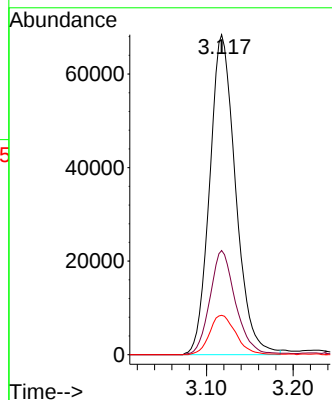
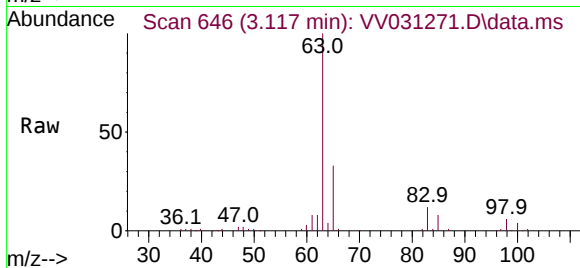
Tgt Ion: 63 Resp: 142283

Ion Ratio Lower Upper

63 100

65 32.6 20.9 38.9

83 12.3 9.1 16.9



#21

2-Butanone

Concen: 39.846 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV031271.D

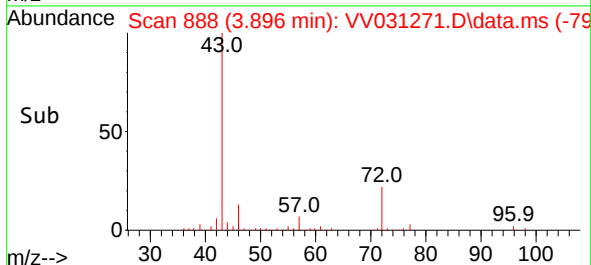
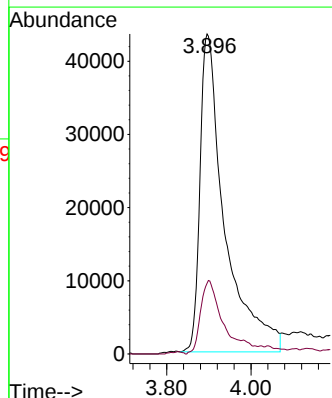
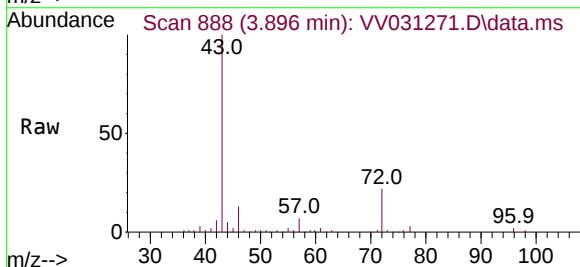
Acq: 30 May 2023 16:23

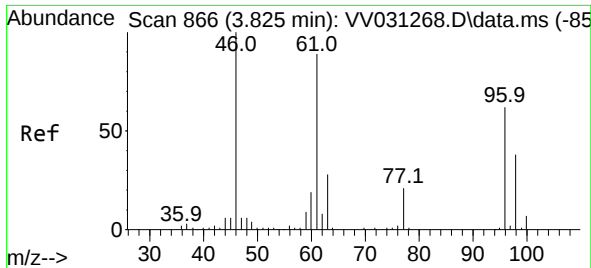
Tgt Ion: 43 Resp: 176746

Ion Ratio Lower Upper

43 100

72 19.5 10.6 31.8

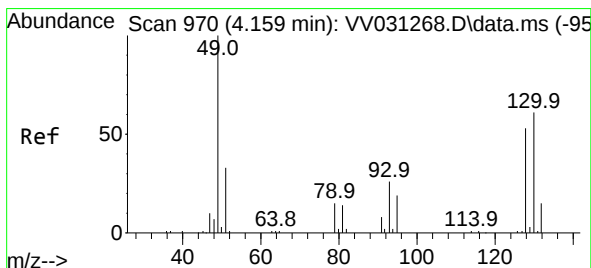
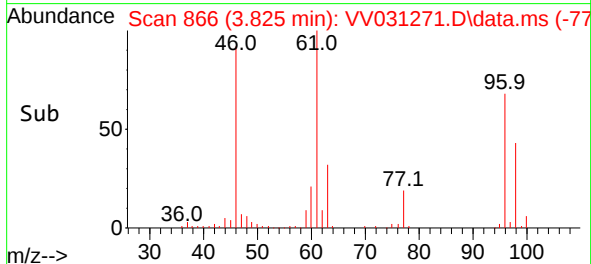
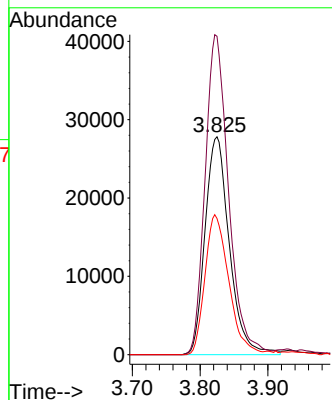
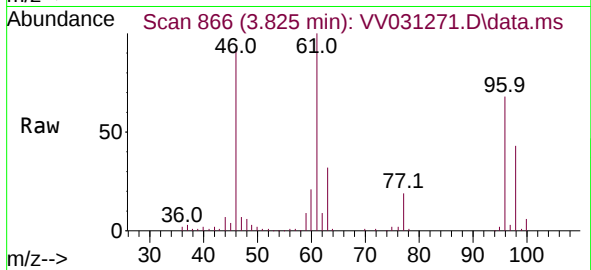




#22
 cis-1,2-Dichloroethene
 Concen: 4.411 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

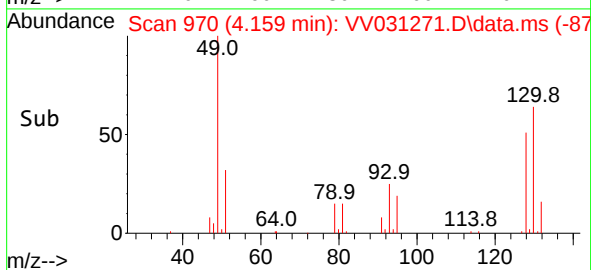
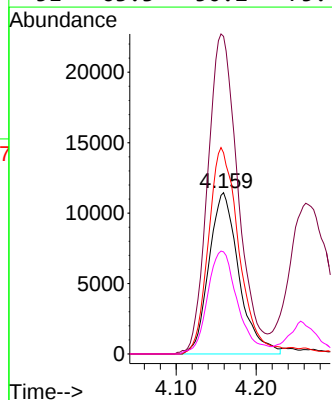
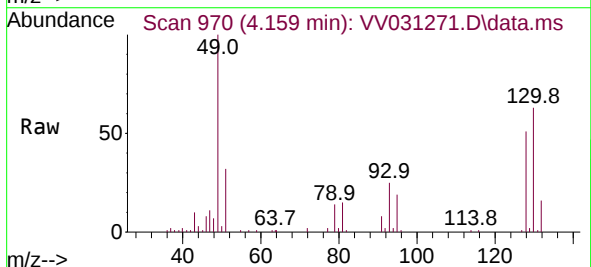
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV252

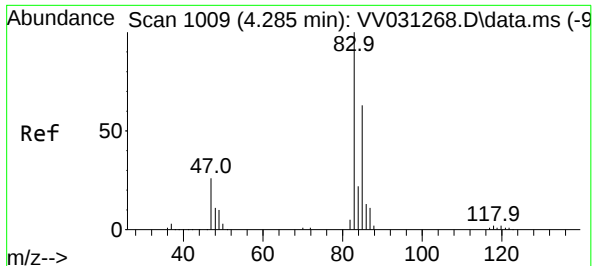
Tgt Ion: 96 Resp: 69412
 Ion Ratio Lower Upper
 96 100
 61 146.0 100.5 186.7
 98 62.5 42.9 79.7



#23
 Bromochloromethane
 Concen: 4.277 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VV031271.D
 Acq: 30 May 2023 16:23

Tgt Ion: 128 Resp: 29797
 Ion Ratio Lower Upper
 128 100
 49 197.0 132.5 246.1
 130 124.7 80.9 150.3
 51 63.3 50.2 75.4





#25

Chloroform

Concen: 4.121 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

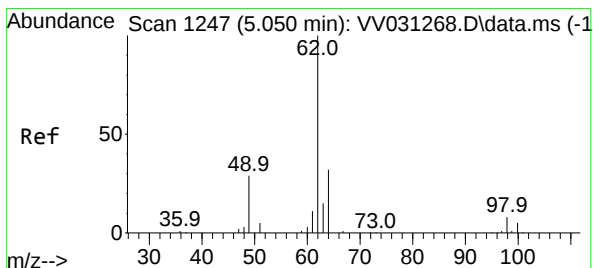
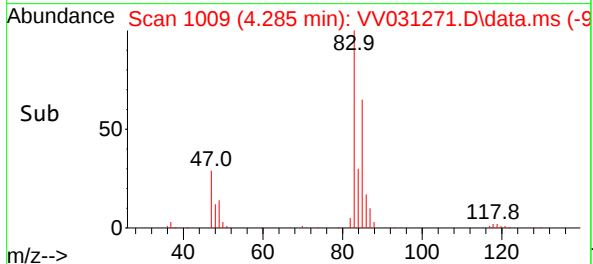
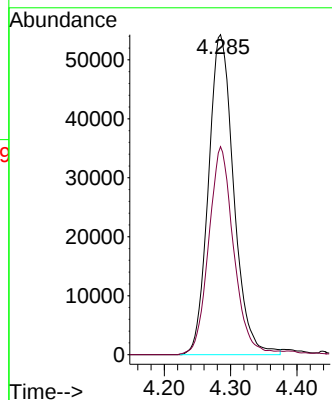
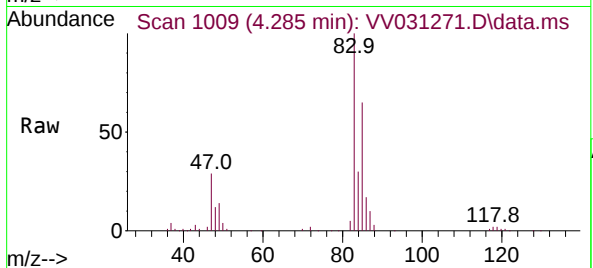
VICV252

Tgt Ion: 83 Resp: 143643

Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.6



#27

1,2-Dichloroethane

Concen: 4.463 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV031271.D

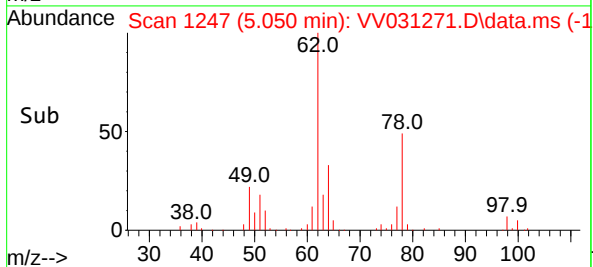
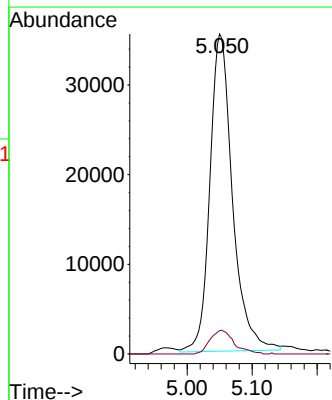
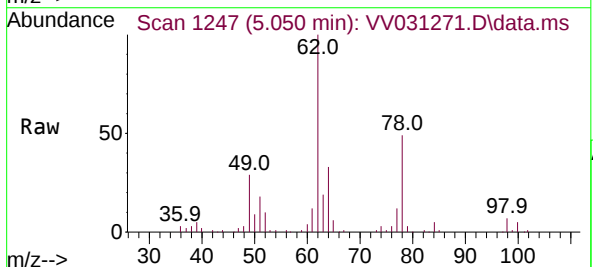
Acq: 30 May 2023 16:23

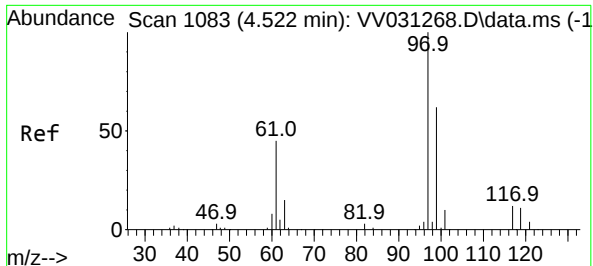
Tgt Ion: 62 Resp: 85580

Ion Ratio Lower Upper

62 100

98 7.3 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 4.344 ug/L

RT: 4.519 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

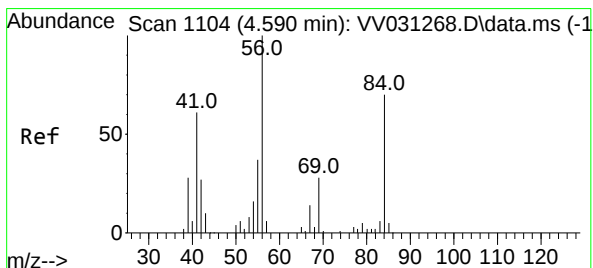
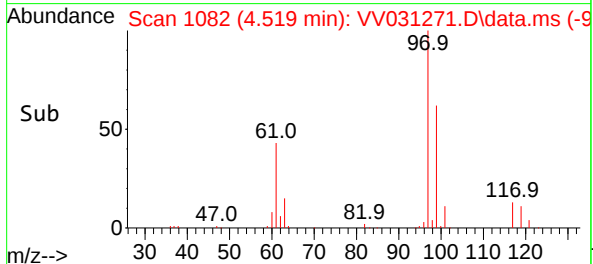
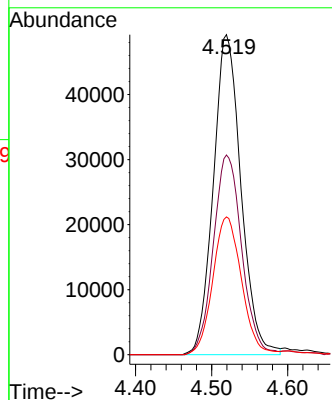
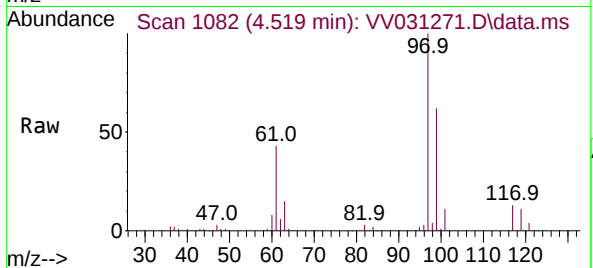
Tgt Ion: 97 Resp: 124433

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 44.6 36.2 54.4



#30

Cyclohexane

Concen: 4.697 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

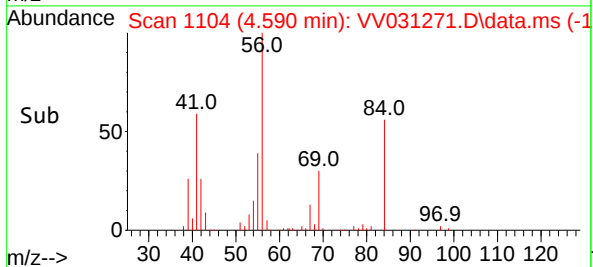
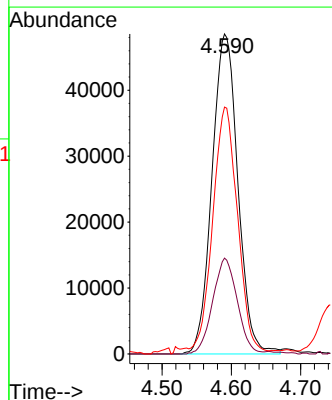
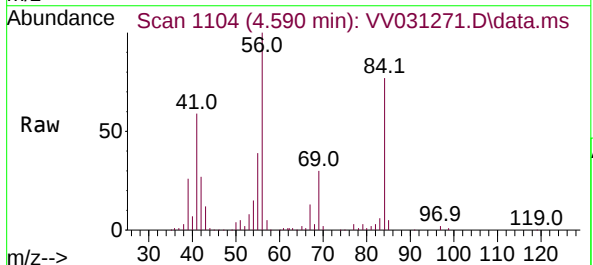
Tgt Ion: 56 Resp: 126062

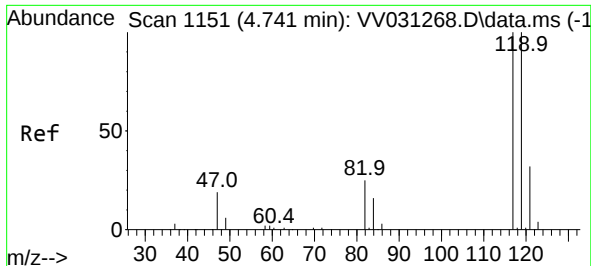
Ion Ratio Lower Upper

56 100

69 28.4 23.4 35.2

84 71.9 59.6 89.4

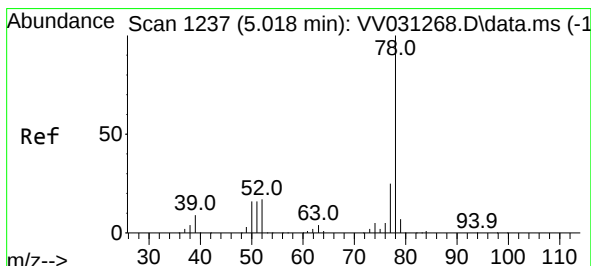
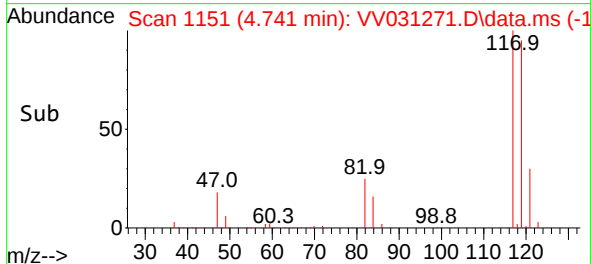
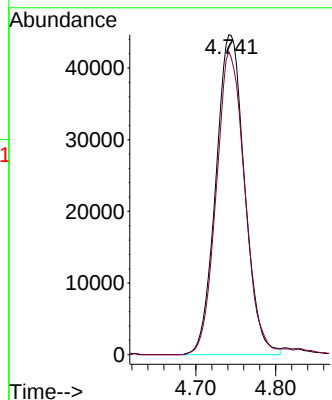
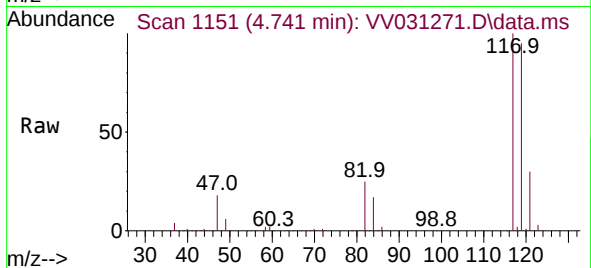




#31
Carbon tetrachloride
Concen: 4.340 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

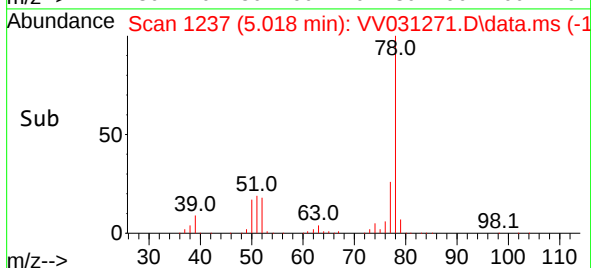
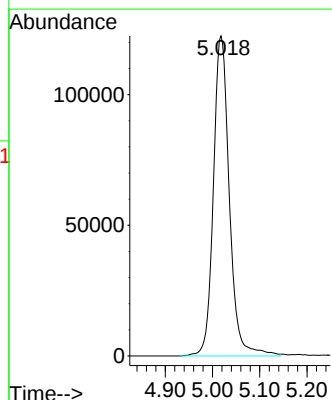
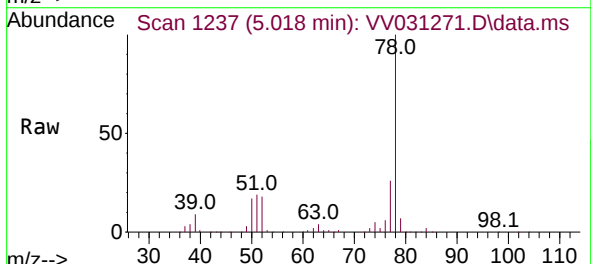
Instrument :
MSVOA_V
ClientSampleId :
VICV252

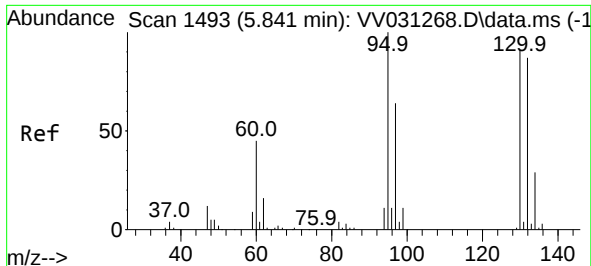
Tgt Ion:117 Resp: 111413
Ion Ratio Lower Upper
117 100
119 94.6 78.7 118.1



#33
Benzene
Concen: 4.594 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 78 Resp: 288361



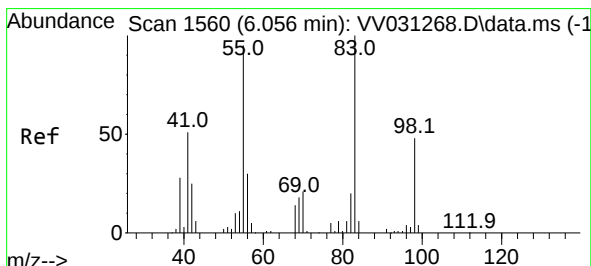
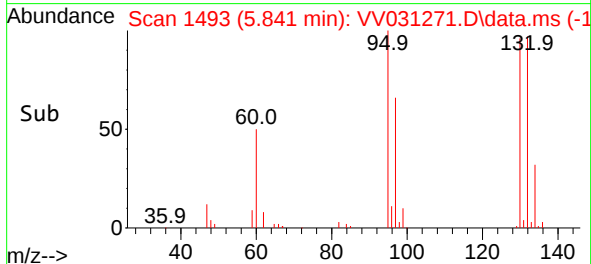
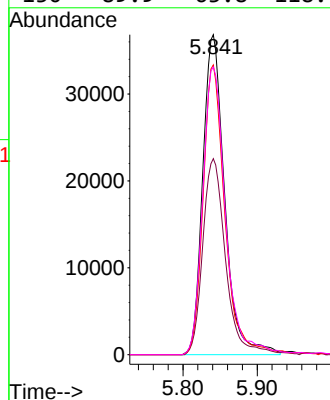
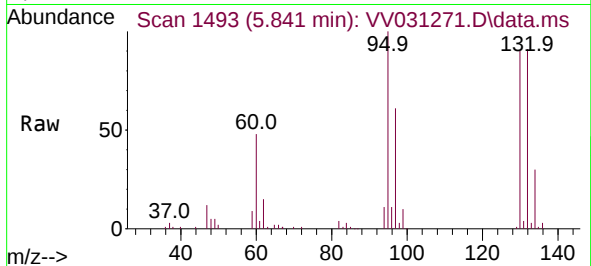


#34
Trichloroethene
Concen: 4.385 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Instrument :
MSVOA_V
ClientSampleId :
VICV252

Tgt Ion: 95 Resp: 75522

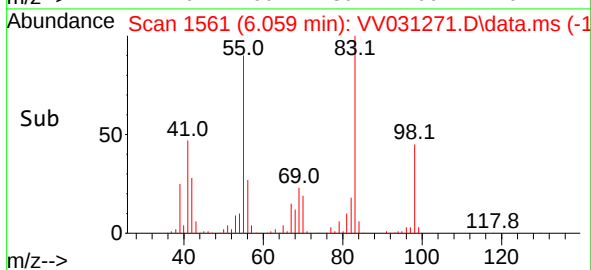
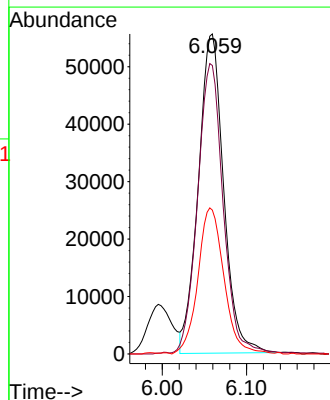
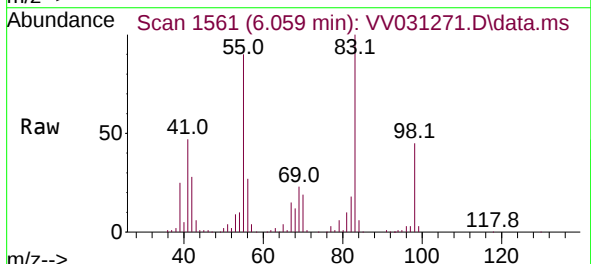
Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.7	83.1
132	90.6	61.1	113.5
130	89.9	63.8	118.4

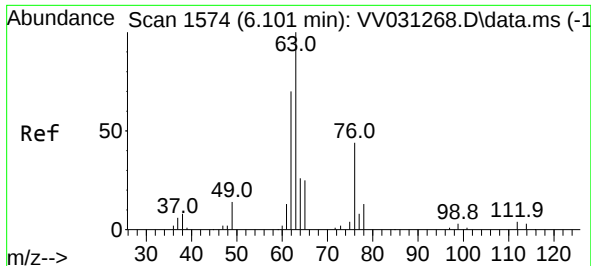


#35
Methylcyclohexane
Concen: 4.578 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 83 Resp: 116300

Ion	Ratio	Lower	Upper
83	100		
55	91.2	72.6	108.8
98	47.0	35.9	53.9





#37

1,2-Dichloropropane

Concen: 4.786 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

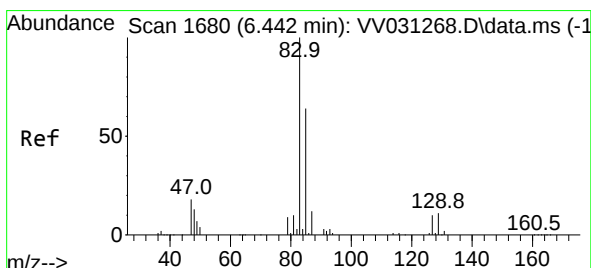
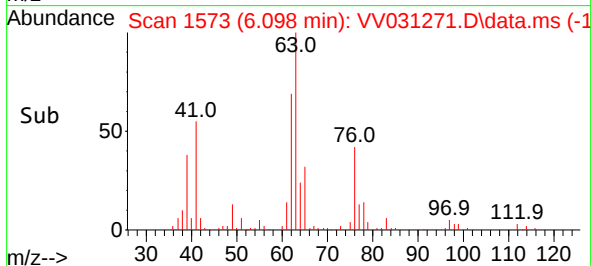
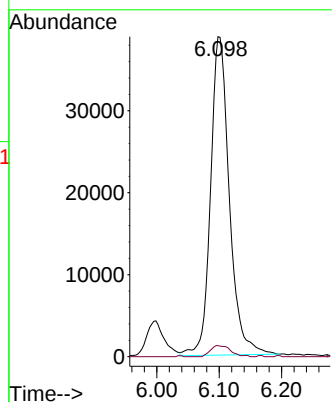
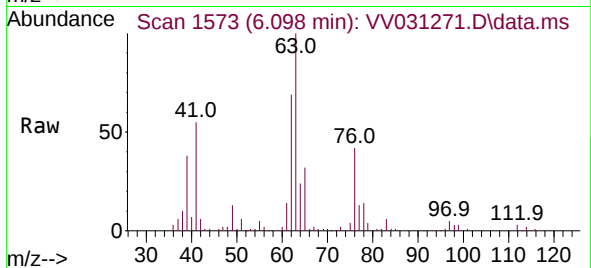
VICV252

Tgt Ion: 63 Resp: 81337

Ion Ratio Lower Upper

63 100

112 3.6 3.2 4.8



#38

Bromodichloromethane

Concen: 4.366 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

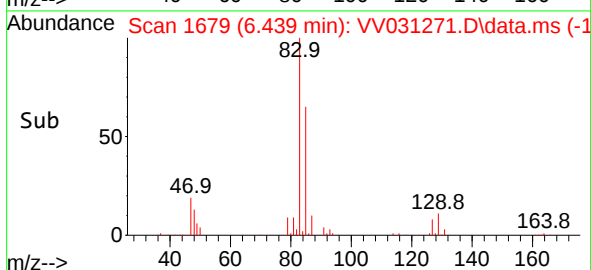
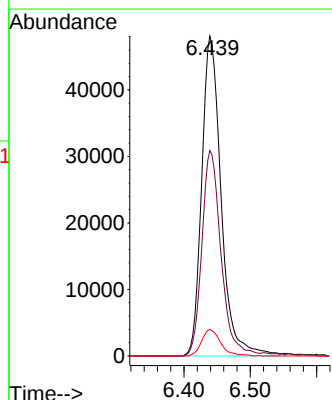
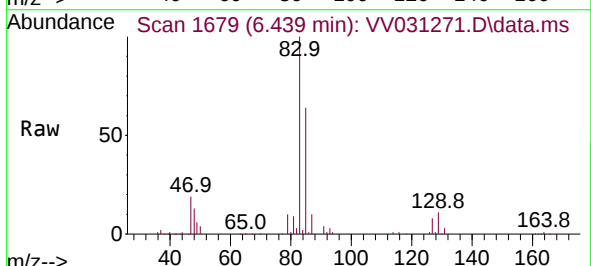
Tgt Ion: 83 Resp: 97988

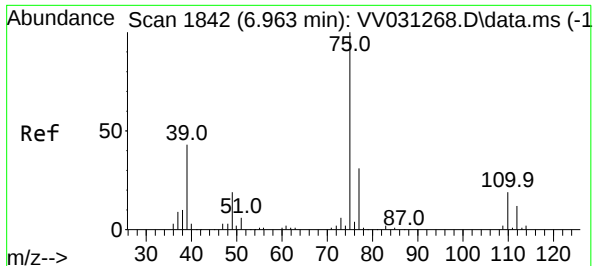
Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

127 8.3 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 4.654 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

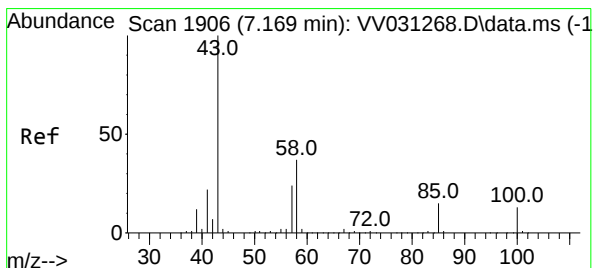
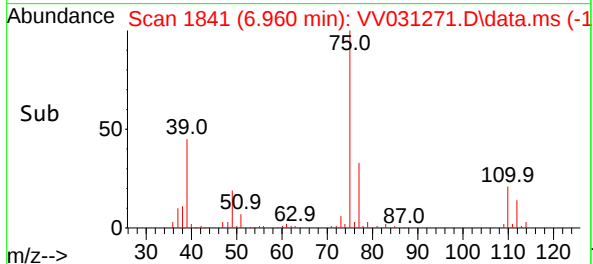
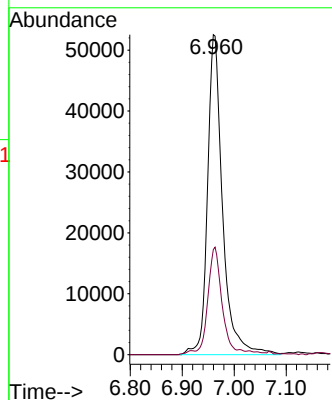
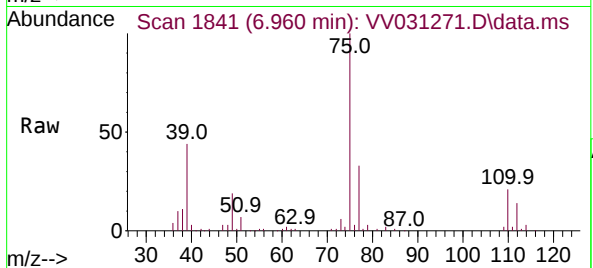
VICV252

Tgt Ion: 75 Resp: 105586

Ion Ratio Lower Upper

75 100

77 32.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 47.508 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

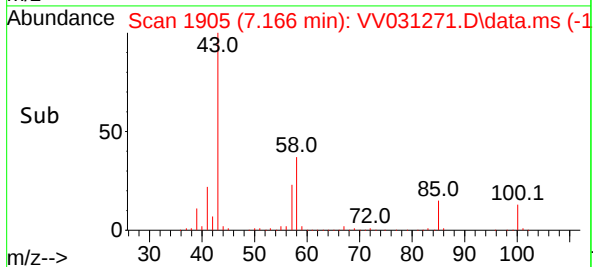
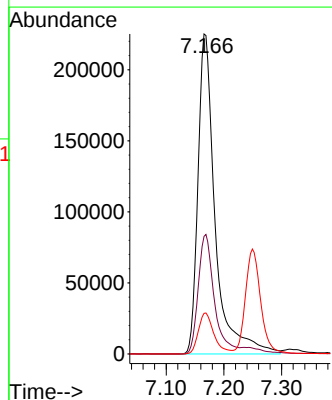
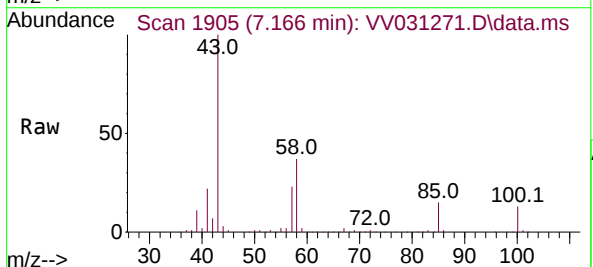
Tgt Ion: 43 Resp: 466441

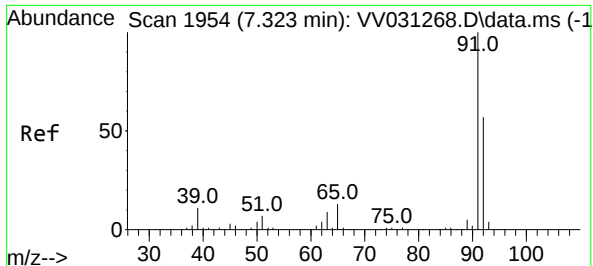
Ion Ratio Lower Upper

43 100

58 34.8 29.5 44.3

100 11.7 9.8 14.6





#42

Toluene

Concen: 4.619 ug/L

RT: 7.320 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

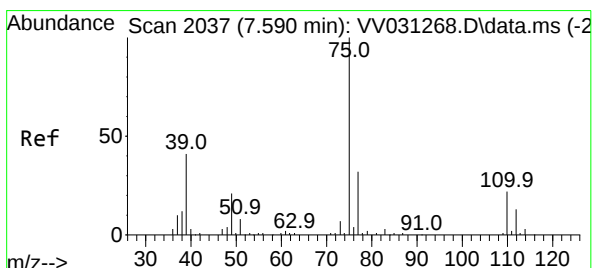
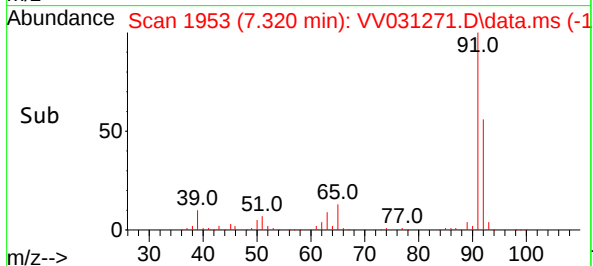
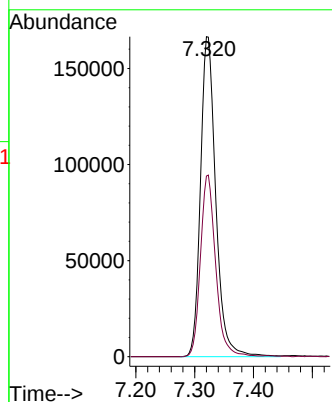
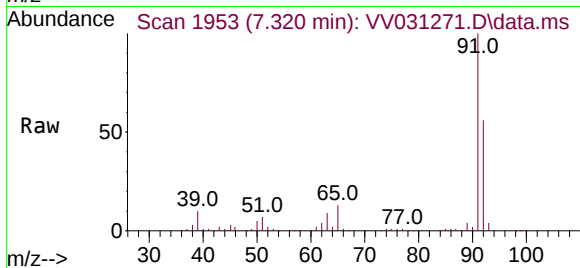
VICV252

Tgt Ion: 91 Resp: 300389

Ion Ratio Lower Upper

91 100

92 56.5 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 4.729 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV031271.D

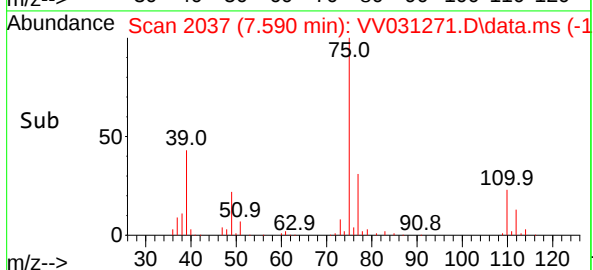
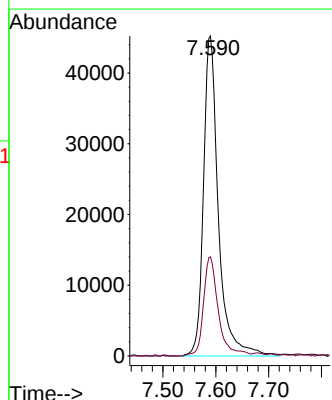
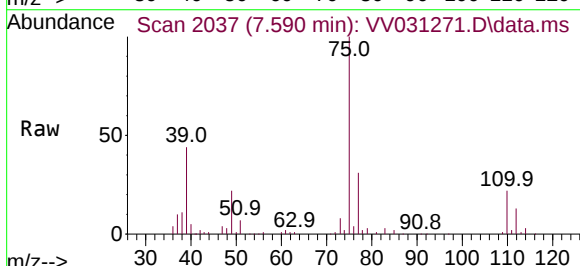
Acq: 30 May 2023 16:23

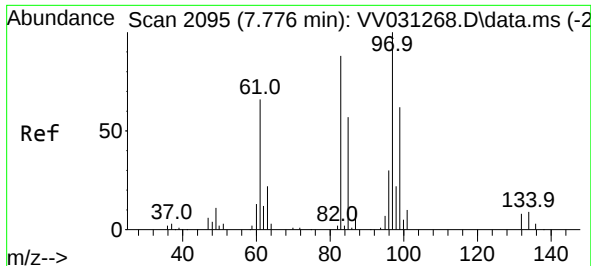
Tgt Ion: 75 Resp: 88607

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6

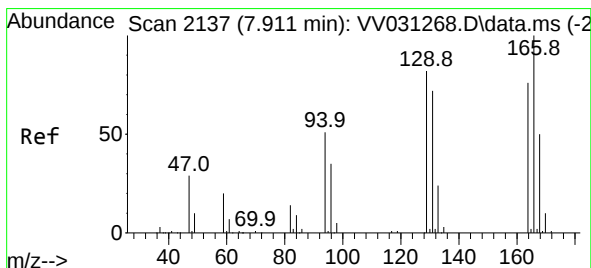
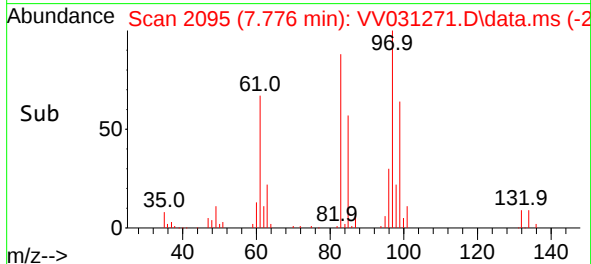
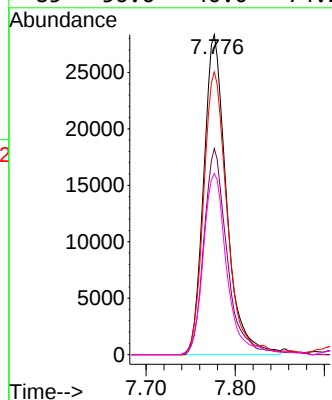
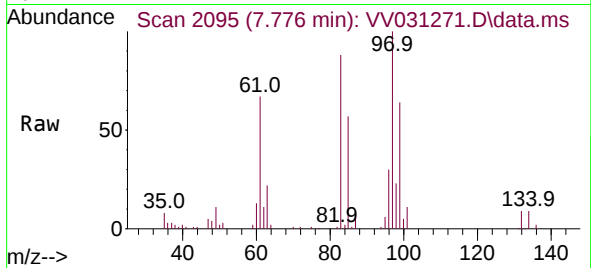




#45
1,1,2-Trichloroethane
Concen: 4.345 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

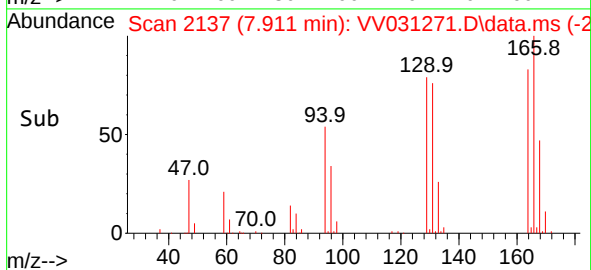
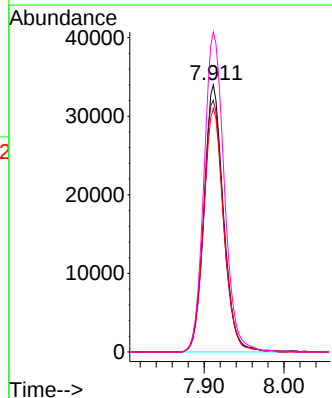
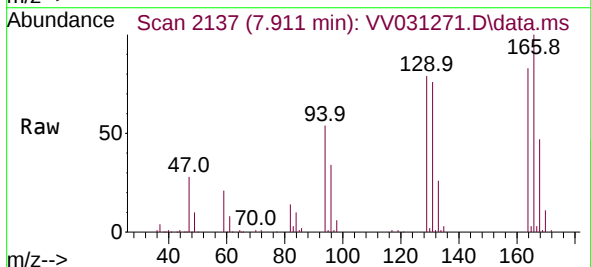
Instrument :
MSVOA_V
ClientSampleId :
VICV252

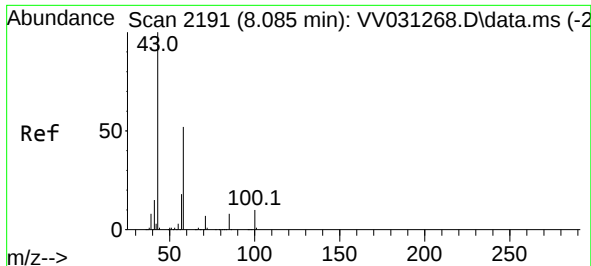
Tgt Ion: 97	Resp: 50278
Ion Ratio	Lower Upper
97 100	
99 64.4	43.8 81.3
83 88.3	61.8 114.8
85 56.6	40.0 74.2



#47
Tetrachloroethene
Concen: 4.431 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt	Ion:164	Resp:	57323
Ion	Ratio	Lower	Upper
164	100		
129	94.2	75.3	139.8
131	91.2	65.6	121.8
166	119.8	91.7	170.3

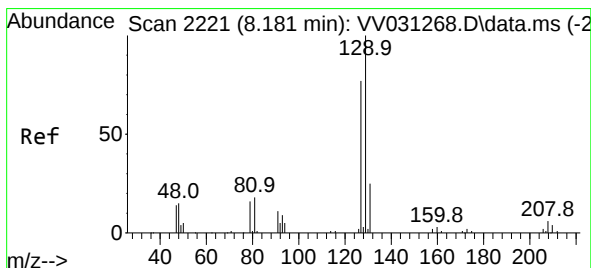
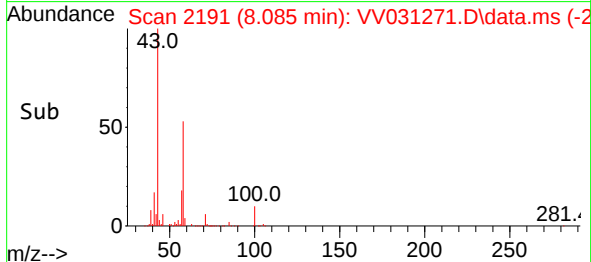
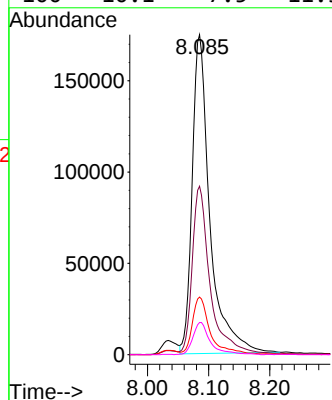
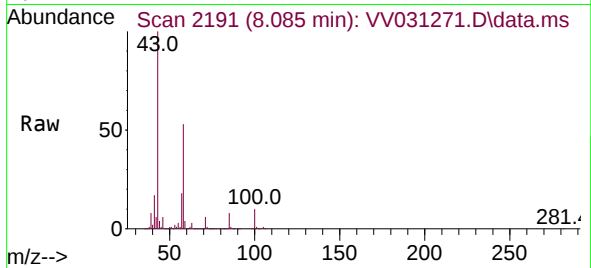




#48
2-Hexanone
Concen: 47.610 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

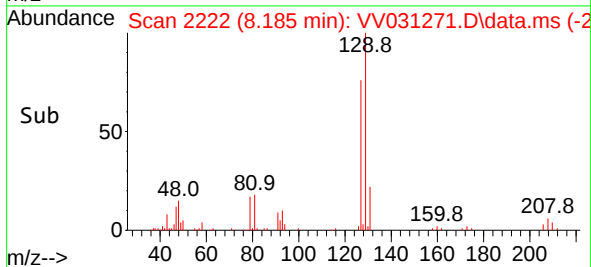
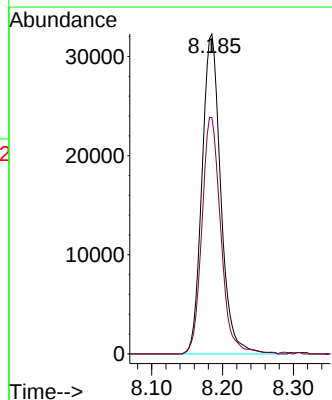
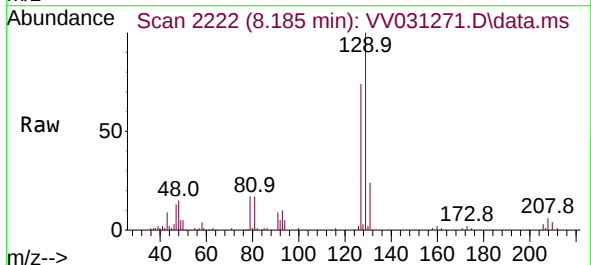
Instrument :
MSVOA_V
ClientSampleId :
VICV252

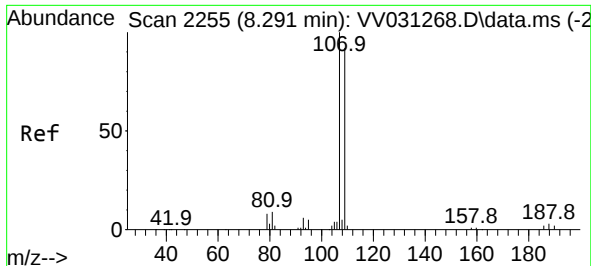
Tgt Ion: 43 Resp: 350848
Ion Ratio Lower Upper
43 100
58 52.5 41.2 61.8
57 17.8 14.1 21.1
100 10.1 7.5 11.3



#49
Dibromochloromethane
Concen: 4.494 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 129 Resp: 59356
Ion Ratio Lower Upper
129 100
127 73.9 54.1 100.5





#50

1,2-Dibromoethane

Concen: 4.355 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

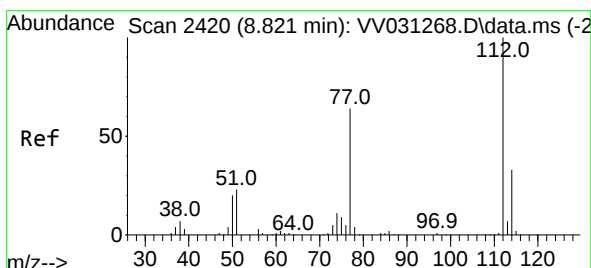
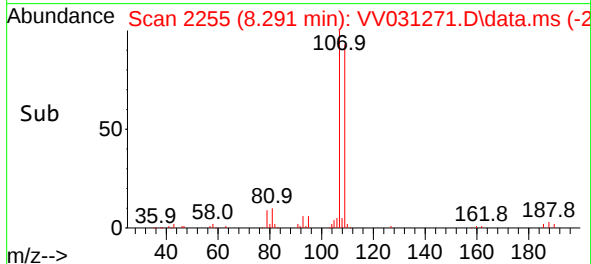
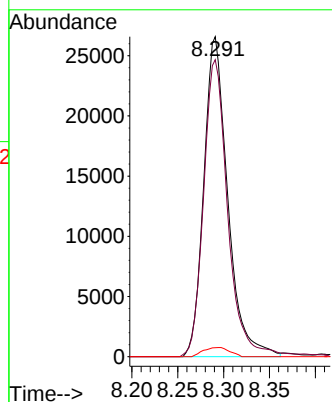
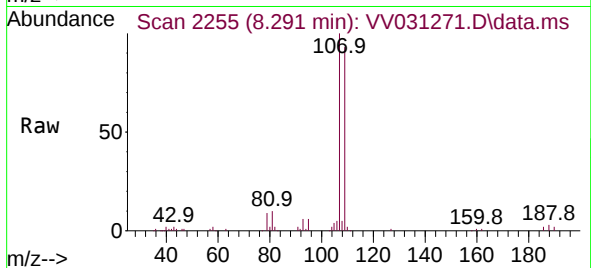
Tgt Ion:107 Resp: 48286

Ion Ratio Lower Upper

107 100

109 92.8 64.3 119.5

188 2.8 2.7 4.1



#51

Chlorobenzene

Concen: 4.500 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

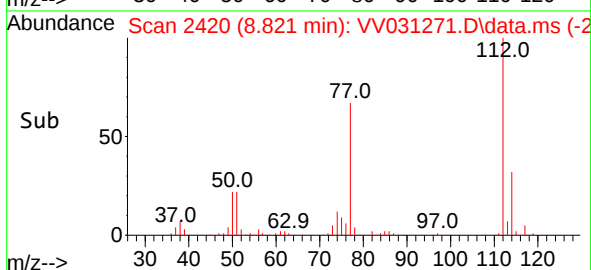
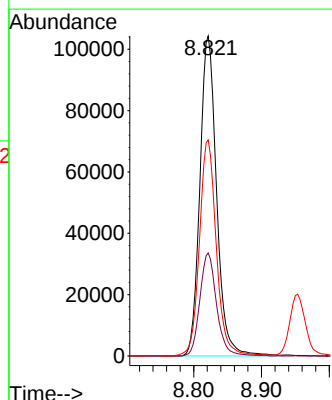
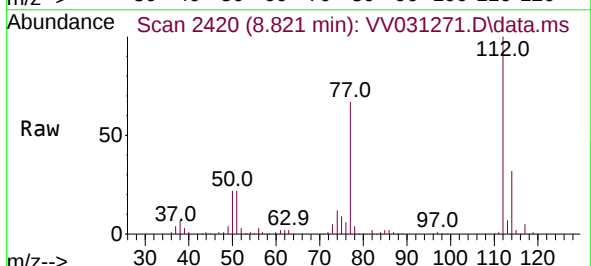
Tgt Ion:112 Resp: 178713

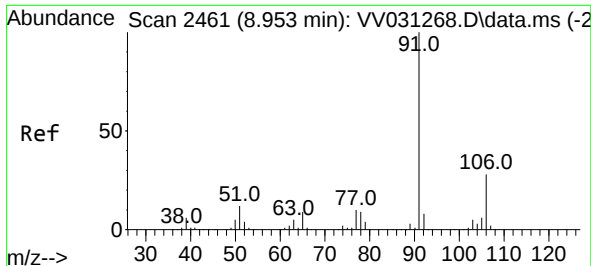
Ion Ratio Lower Upper

112 100

114 32.2 23.1 42.9

77 67.5 51.5 77.3

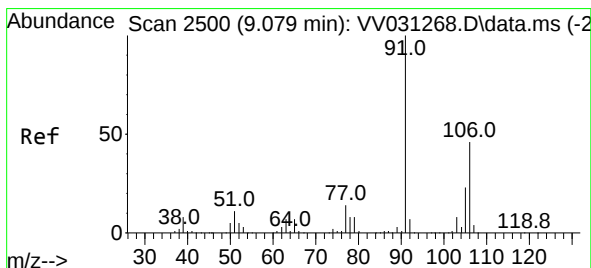
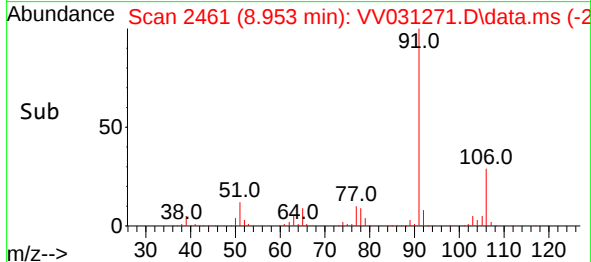
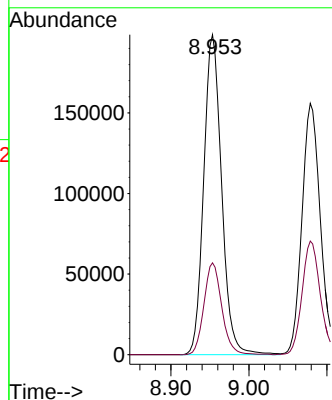
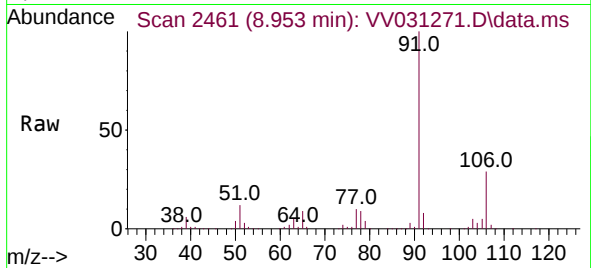




#52
Ethylbenzene
Concen: 4.633 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

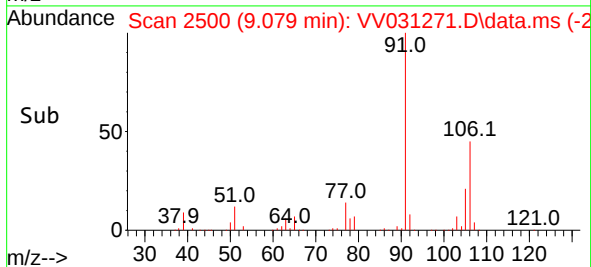
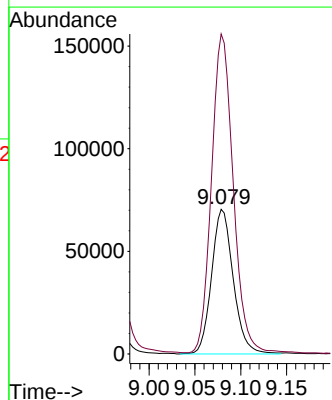
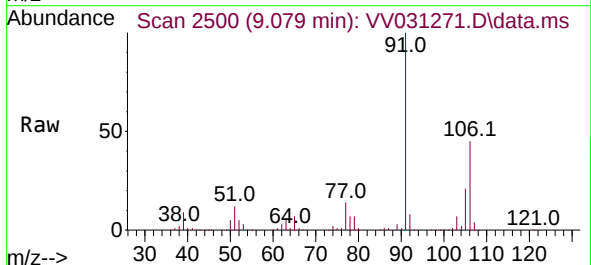
Instrument :
MSVOA_V
ClientSampleId :
VICV252

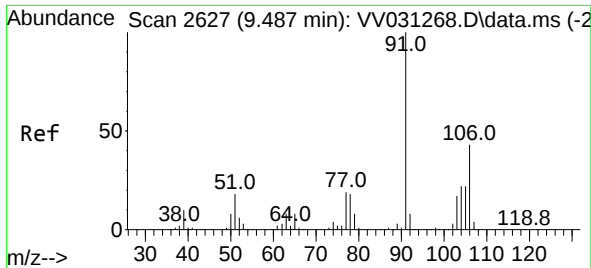
Tgt Ion: 91 Resp: 316707
Ion Ratio Lower Upper
91 100
106 28.7 19.8 36.8



#53
m,p-Xylene
Concen: 4.733 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 106 Resp: 116147
Ion Ratio Lower Upper
106 100
91 221.1 152.3 282.9

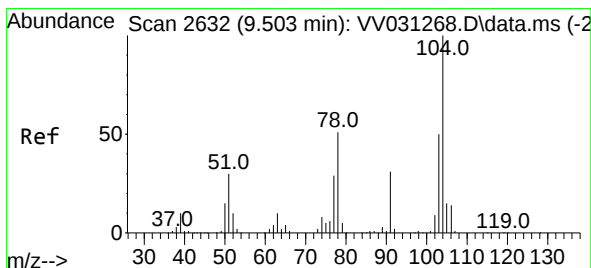
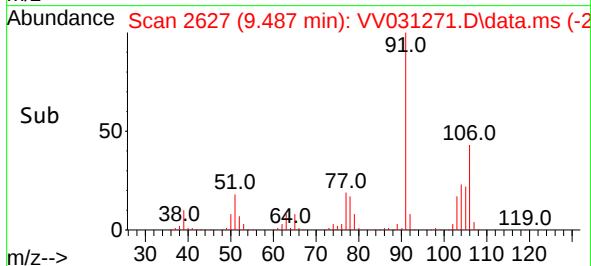
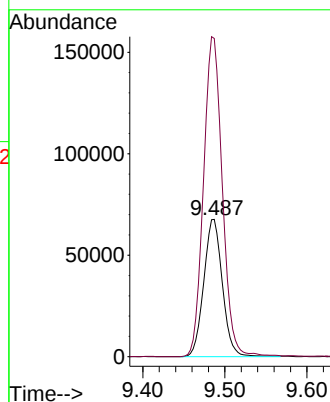
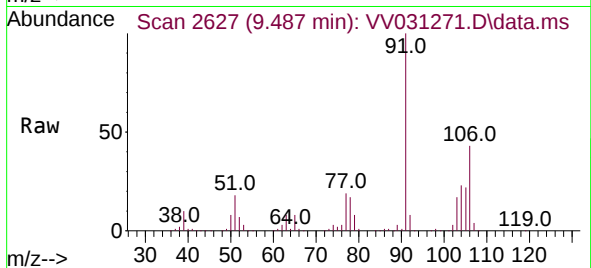




#54
o-Xylene
Concen: 4.611 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

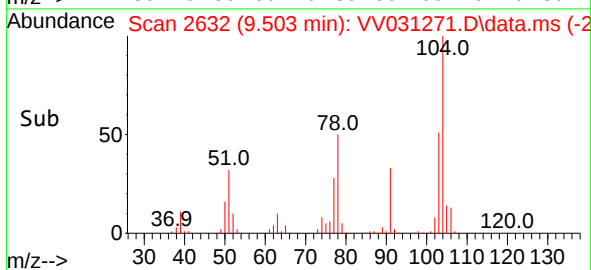
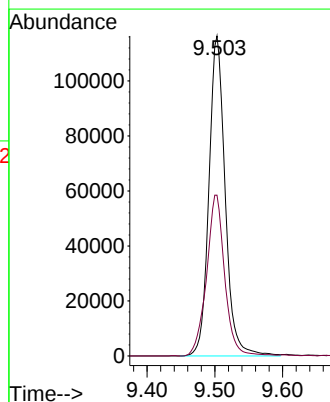
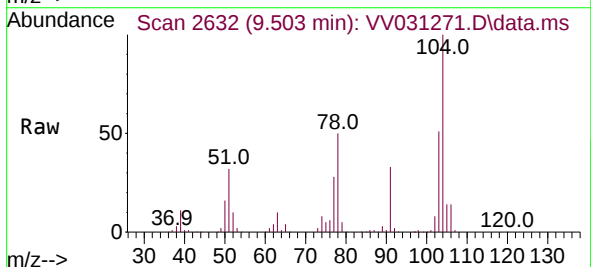
Instrument : MSVOA_V
ClientSampleId : VICV252

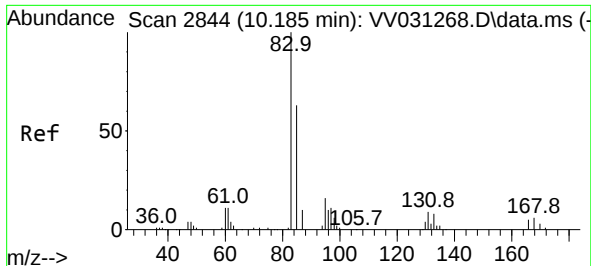
Tgt Ion:106 Resp: 106621
Ion Ratio Lower Upper
106 100
91 231.9 164.1 304.7



#55
Styrene
Concen: 4.752 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion:104 Resp: 194314
Ion Ratio Lower Upper
104 100
78 50.3 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.439 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

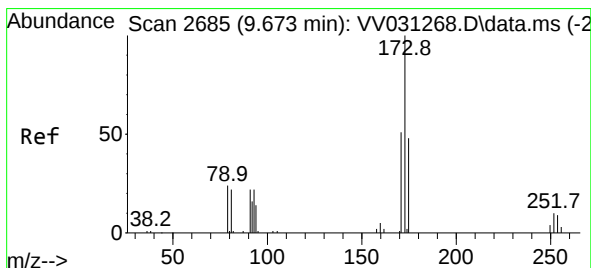
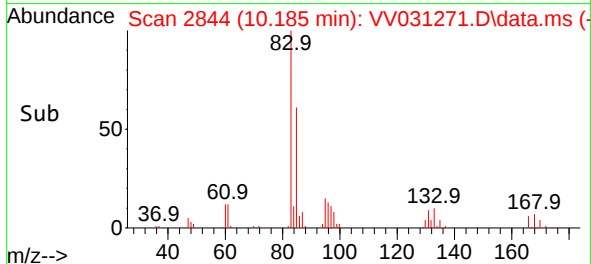
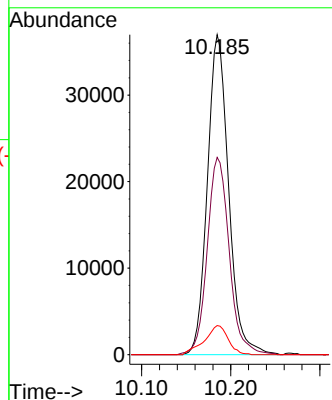
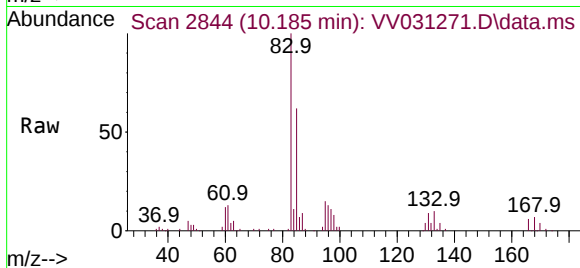
Tgt Ion: 83 Resp: 61182

Ion Ratio Lower Upper

83 100

85 61.6 43.8 81.4

131 9.1 7.0 10.6



#59

Bromoform

Concen: 4.464 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

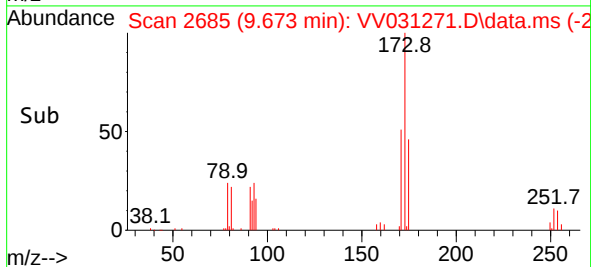
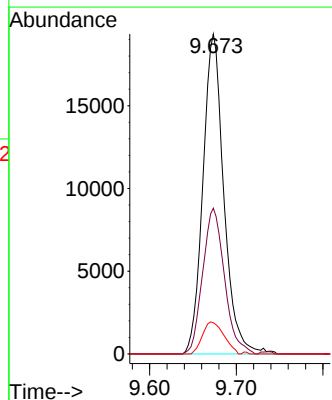
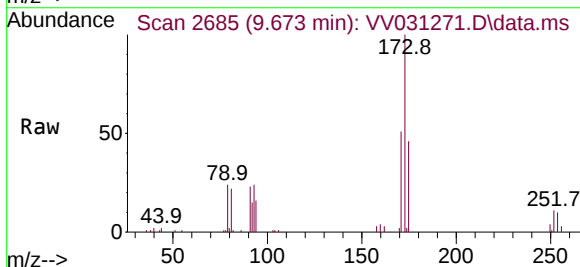
Tgt Ion: 173 Resp: 32450

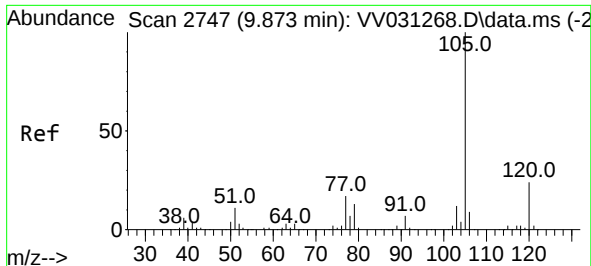
Ion Ratio Lower Upper

173 100

175 47.4 38.2 57.4

254 10.2 8.0 12.0

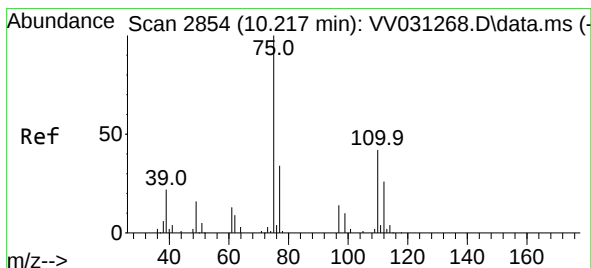
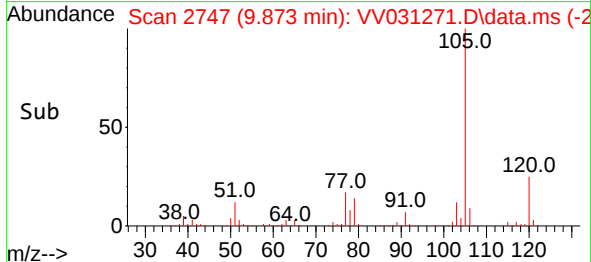
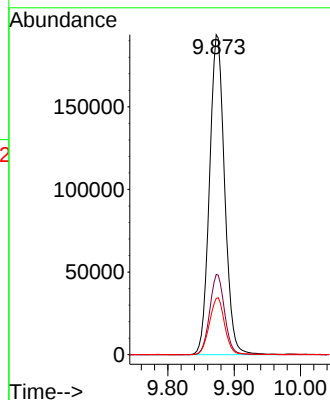
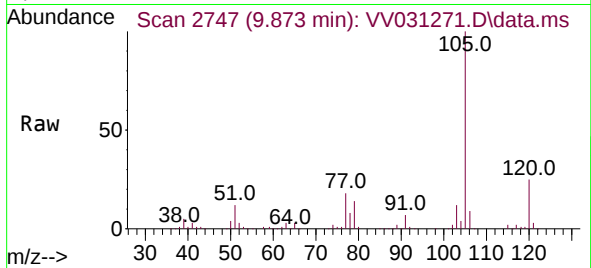




#60
Isopropylbenzene
Concen: 4.741 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

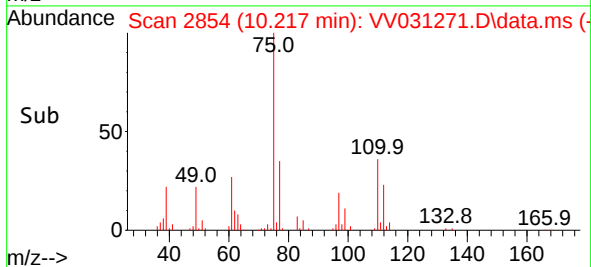
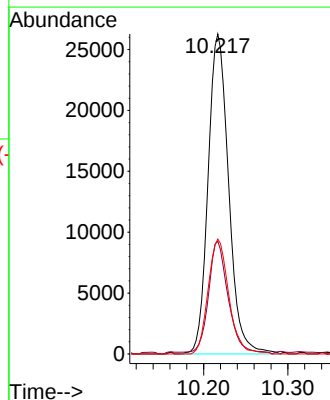
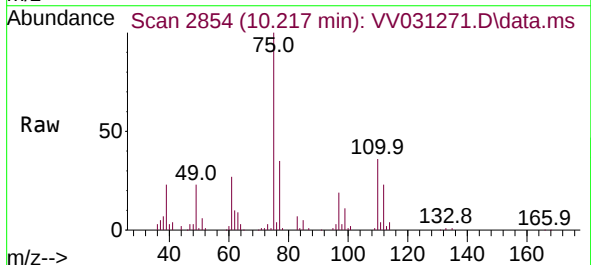
Instrument :
MSVOA_V
ClientSampleId :
VICV252

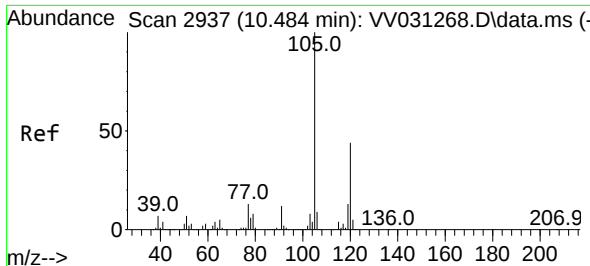
Tgt Ion:105 Resp: 306953
Ion Ratio Lower Upper
105 100
120 24.7 19.8 29.6
77 18.0 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 4.481 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion: 75 Resp: 44650
Ion Ratio Lower Upper
75 100
77 34.1 27.0 40.6
110 36.0 31.9 47.9

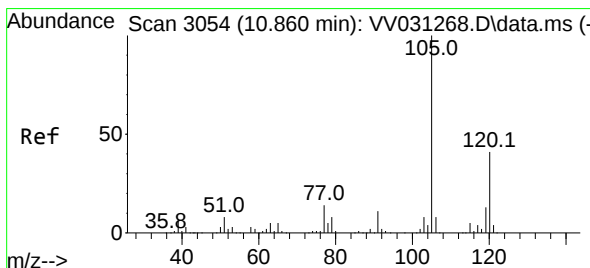
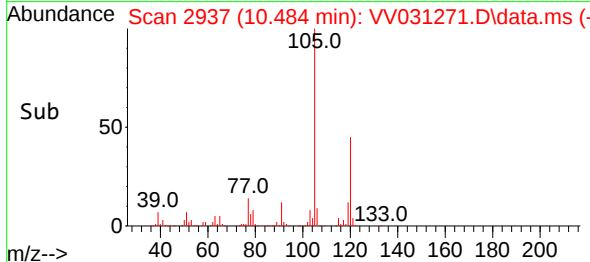
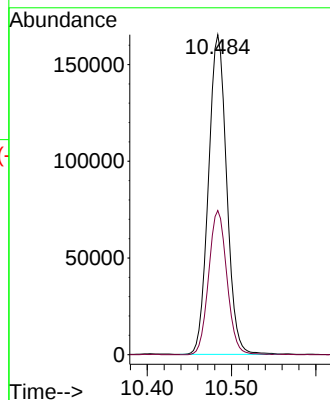
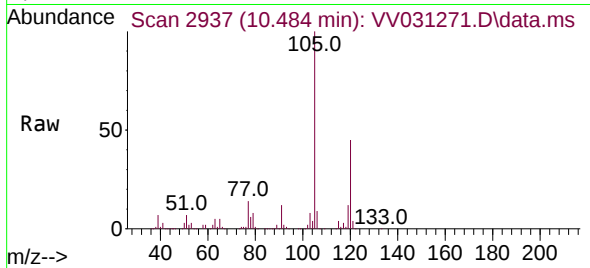




#62
1,3,5-Trimethylbenzene
Concen: 4.726 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

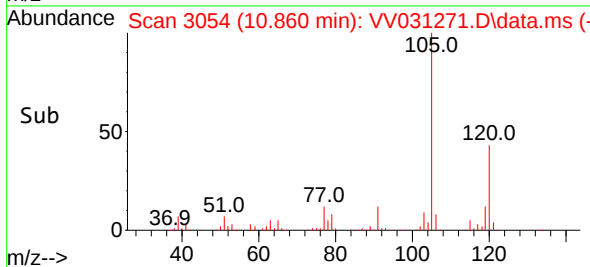
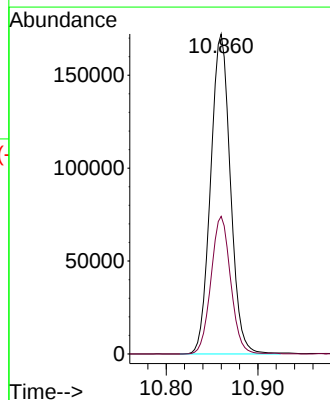
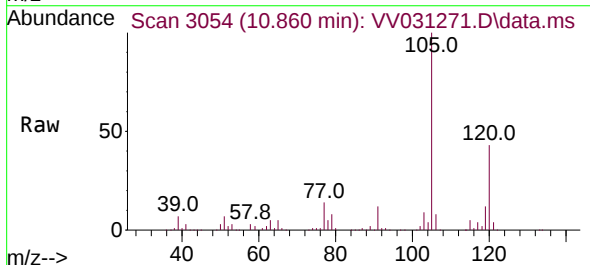
Instrument :
MSVOA_V
ClientSampleId :
VICV252

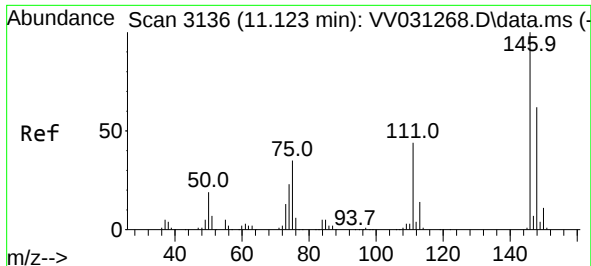
Tgt Ion:105 Resp: 248713
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.6



#63
1,2,4-Trimethylbenzene
Concen: 4.801 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion:105 Resp: 258382
Ion Ratio Lower Upper
105 100
120 42.6 33.9 50.9

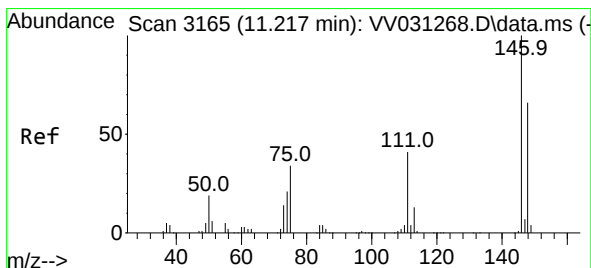
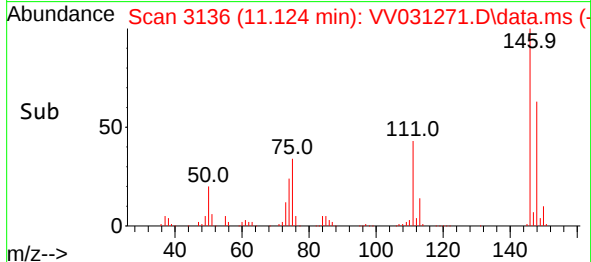
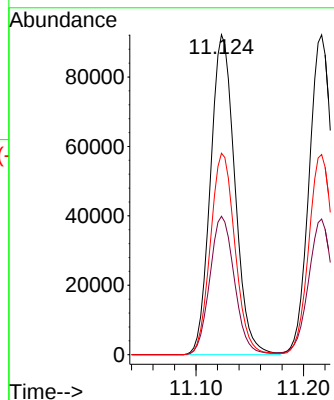
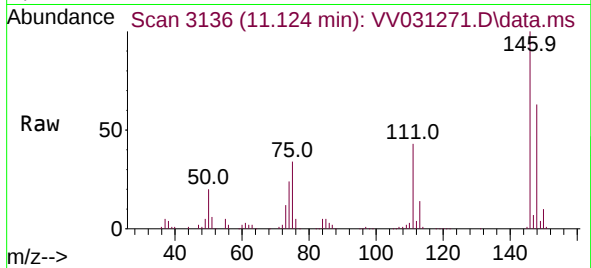




#64
1,3-Dichlorobenzene
Concen: 4.677 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

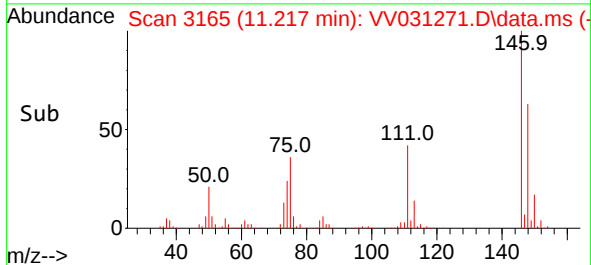
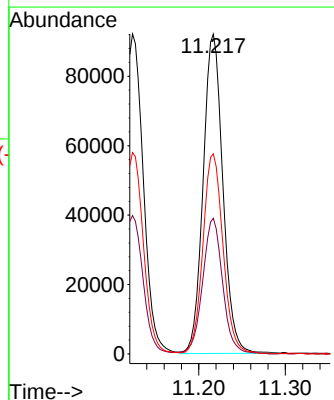
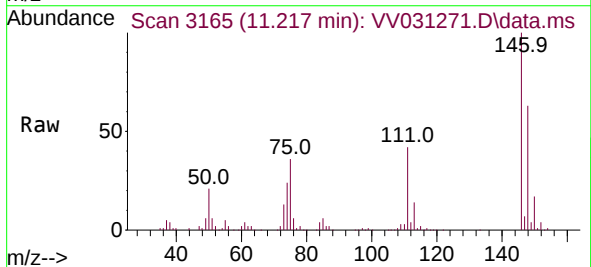
Instrument :
MSVOA_V
ClientSampleId :
VICV252

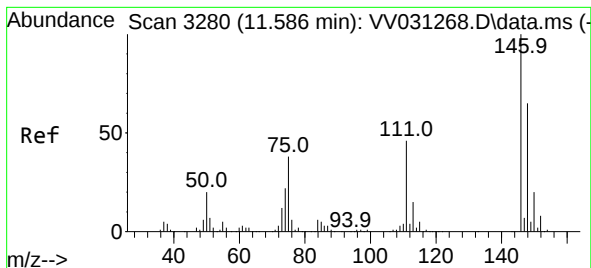
Tgt Ion:146 Resp: 145367
Ion Ratio Lower Upper
146 100
111 43.2 30.4 56.5
148 63.0 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.661 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion:146 Resp: 145490
Ion Ratio Lower Upper
146 100
111 42.4 29.1 54.1
148 62.6 46.2 85.8





#67

1,2-Dichlorobenzene

Concen: 4.634 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

Instrument :

MSVOA_V

ClientSampleId :

VICV252

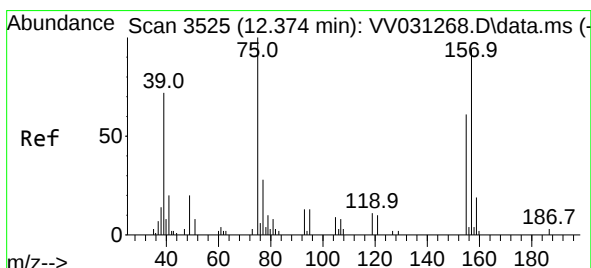
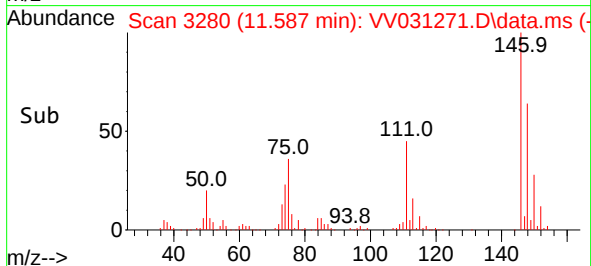
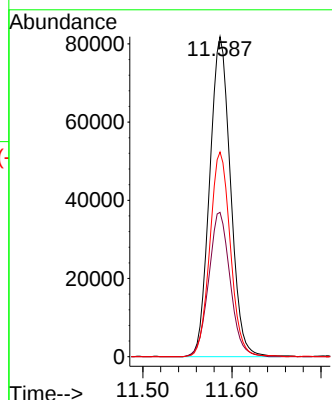
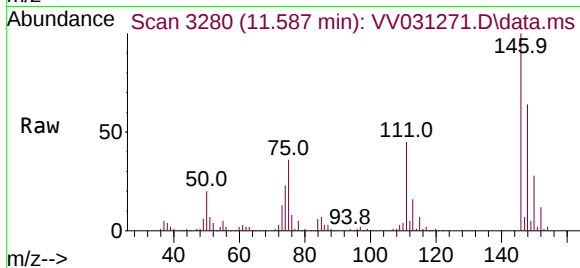
Tgt Ion:146 Resp: 132636

Ion Ratio Lower Upper

146 100

111 45.1 37.0 55.4

148 64.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.592 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.000 min

Lab File: VV031271.D

Acq: 30 May 2023 16:23

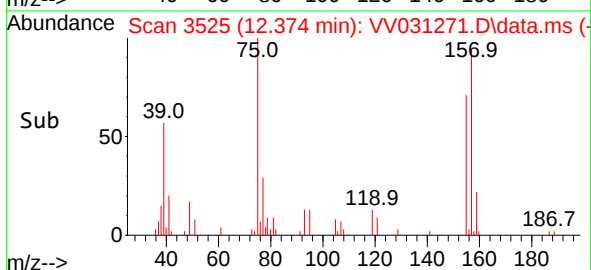
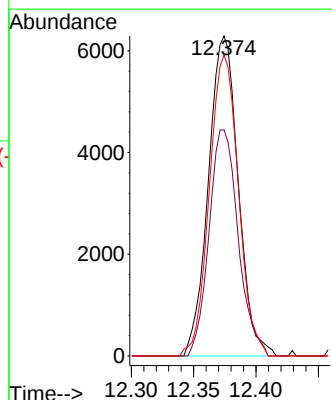
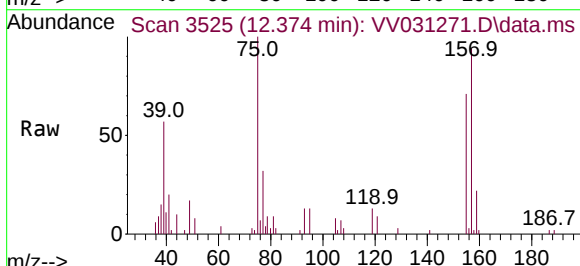
Tgt Ion: 75 Resp: 10481

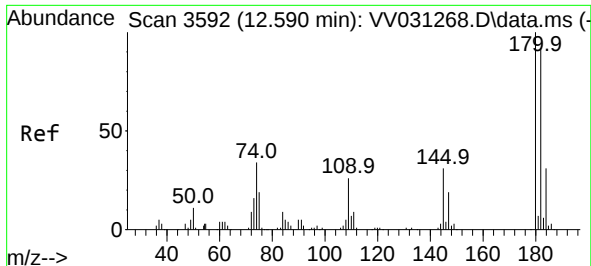
Ion Ratio Lower Upper

75 100

155 70.6 49.0 73.6

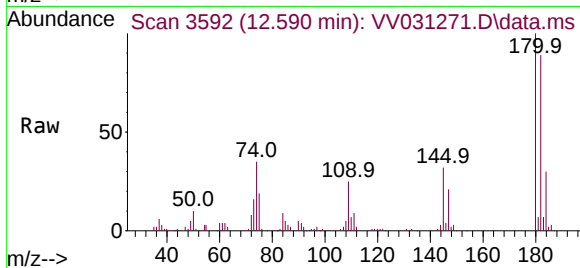
157 94.1 75.6 113.4



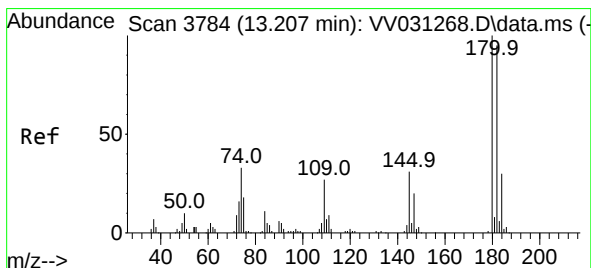
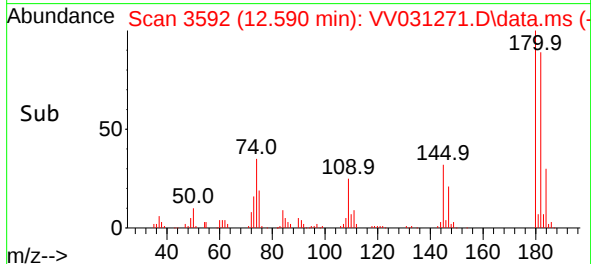
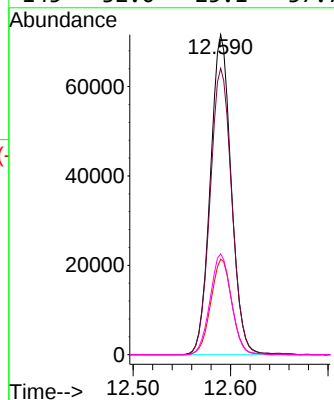


#69
1,3,5-Trichlorobenzene
Concen: 4.679 ug/L
RT: 12.590 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Instrument :
MSVOA_V
ClientSampleId :
VICV252

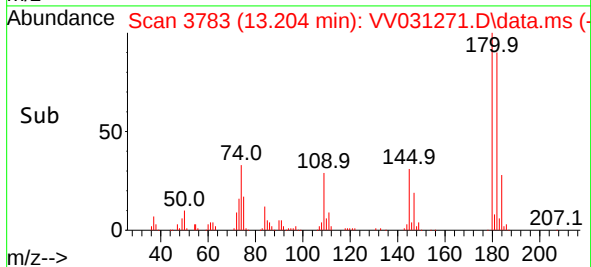
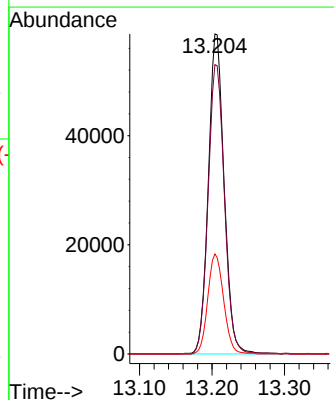
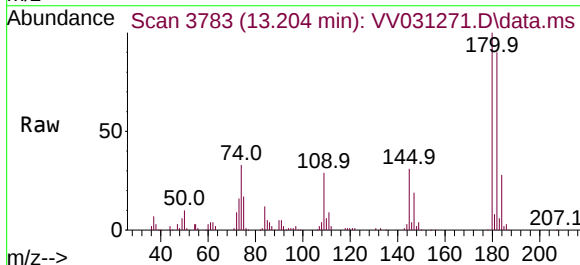


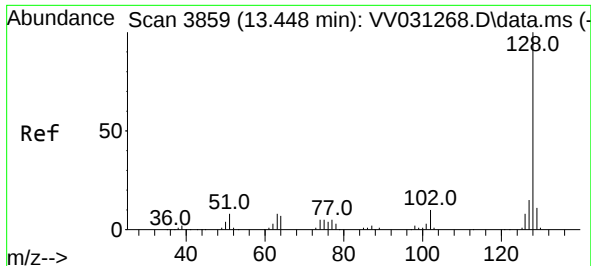
Tgt Ion:180 Resp: 106695
Ion Ratio Lower Upper
180 100
182 92.8 74.5 111.7
184 30.1 24.2 36.2
145 32.0 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 5.278 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.003 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

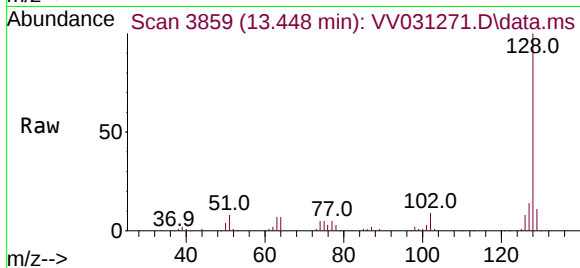
Tgt Ion:180 Resp: 88924
Ion Ratio Lower Upper
180 100
182 93.0 76.5 114.7
145 31.2 25.3 37.9



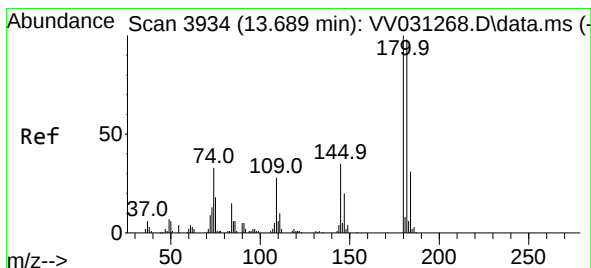
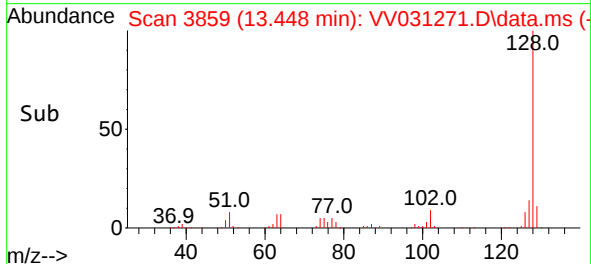
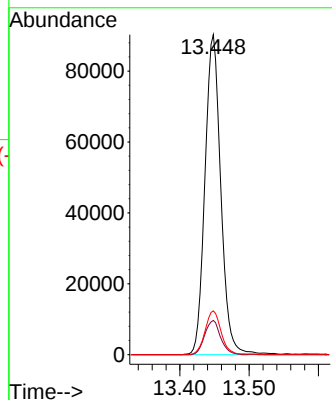


#71
Naphthalene
Concen: 6.107 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Instrument :
MSVOA_V
ClientSampleId :
VICV252



Tgt Ion:128 Resp: 143515
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.9 11.3 16.9



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031271.D
Acq: 30 May 2023 16:23

Tgt Ion:180 Resp: 81044
Ion Ratio Lower Upper
180 100
182 95.9 76.5 114.7
145 35.0 27.8 41.8

