

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051322\
 Data File : VV025897.D
 Acq On : 13 May 2022 18:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

Quant Time: May 14 07:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 07:17:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66857	5.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.568	69	55939	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.111	63	143102	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.905	46	61985	42.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.040%
24) Chloroform-d	4.352	84	108863	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.037	65	45028	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.053	84	218476	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.069	67	63164	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	208756	5.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	7.625	79	21042	5.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.092	63	70028	48.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38501	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61837	5.068	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82193	4.942	ug/L	99
3) Chloromethane	1.243	50	97204	5.003	ug/L	98
5) Vinyl chloride	1.314	62	101987	4.991	ug/L	99
6) Bromomethane	1.523	94	56663	4.763	ug/L	99
8) Chloroethane	1.587	64	66351	5.005	ug/L	98
9) Trichlorofluoromethane	1.754	101	135152	4.956	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	74112	4.849	ug/L	99
12) 1,1-Dichloroethene	2.121	96	73304	4.946	ug/L	96
13) Acetone	2.188	43	45244	31.813	ug/L	75
14) Carbon disulfide	2.294	76	188834	4.945	ug/L	99
15) Methyl Acetate	2.442	43	12604	3.891	ug/L	97
16) Methylene chloride	2.510	84	67432	4.482	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	115555	4.886	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	64434	4.985	ug/L	99
19) 1,1-Dichloroethane	3.191	63	122409	5.002	ug/L	99
21) 2-Butanone	3.989	43	72347	35.424	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	66156	5.010	ug/L	99
23) Bromochloromethane	4.253	128	27609	4.943	ug/L	93
25) Chloroform	4.378	83	124028	5.000	ug/L	99

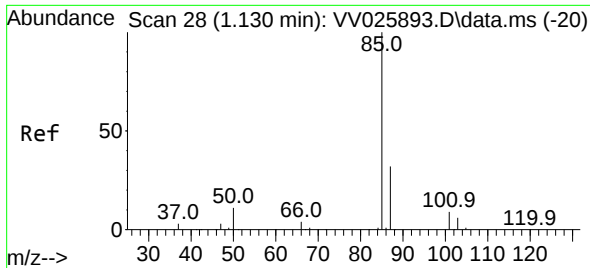
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 Data File : VW025897.D
 Acq On : 13 May 2022 18:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

Quant Time: May 14 07:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 07:17:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	63437	4.852	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	109174	5.071	ug/L	99
30) Cyclohexane	4.677	56	95513	4.983	ug/L	99
31) Carbon tetrachloride	4.828	117	92028	5.051	ug/L	100
33) Benzene	5.101	78	270515	5.060	ug/L	100
34) Trichloroethene	5.915	95	68136	4.990	ug/L	98
35) Methylcyclohexane	6.130	83	102709	4.899	ug/L	98
37) 1,2-Dichloropropane	6.175	63	66860	5.301	ug/L	100
38) Bromodichloromethane	6.510	83	78762	4.969	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	79428	4.879	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	289970	49.708	ug/L	99
42) Toluene	7.387	91	291694	5.241	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68058	5.125	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42639	4.925	ug/L	94
47) Tetrachloroethene	7.976	164	51770	4.893	ug/L	98
48) 2-Hexanone	8.140	43	204713	49.641	ug/L	98
49) Dibromochloromethane	8.246	129	46769	4.944	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39234	5.098	ug/L	95
51) Chlorobenzene	8.883	112	178681	4.950	ug/L	100
52) Ethylbenzene	9.011	91	293750	5.018	ug/L	98
53) m,p-Xylene	9.137	106	113015	4.999	ug/L	95
54) o-Xylene	9.542	106	107922	5.013	ug/L	97
55) Styrene	9.561	104	189234	5.231	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45859	4.903	ug/L	97
59) Bromoform	9.731	173	21037	4.732	ug/L	100
60) Isopropylbenzene	9.931	105	290461	5.071	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34209	4.794	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	118868	4.859	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	220410	4.914	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	136575	5.039	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	132822	4.814	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	119699	4.916	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6599	4.775	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	94920	4.702	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70840	4.626	ug/L	98
71) Naphthalene	13.500	128	101826	4.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61730	4.666	ug/L	97

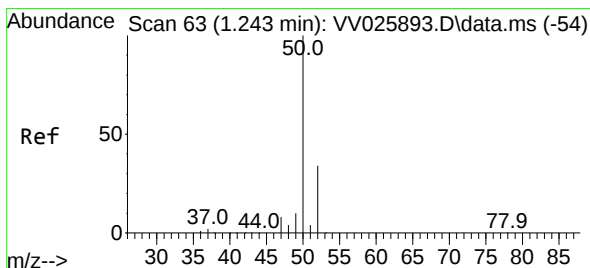
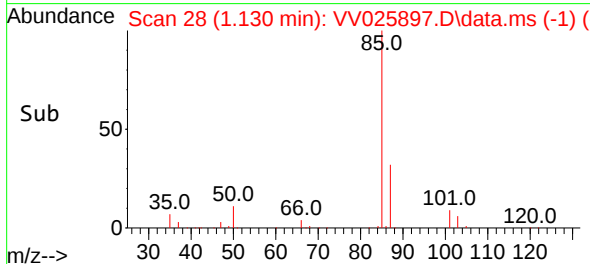
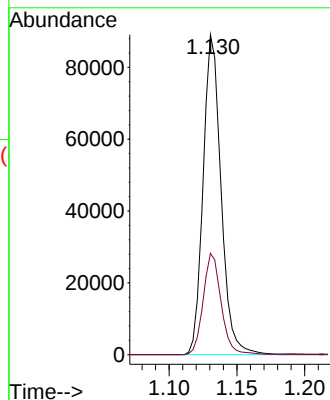
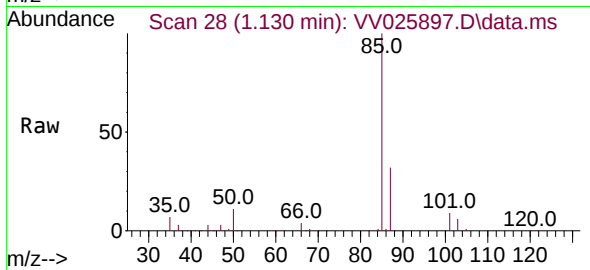
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#2
 Dichlorodifluoromethane
 Concen: 4.942 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

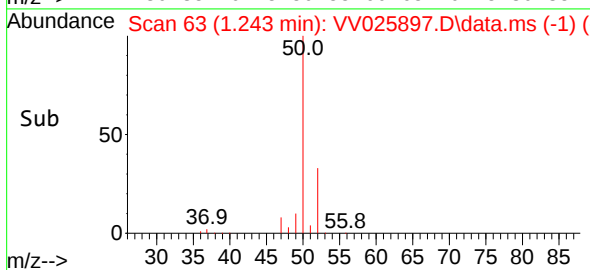
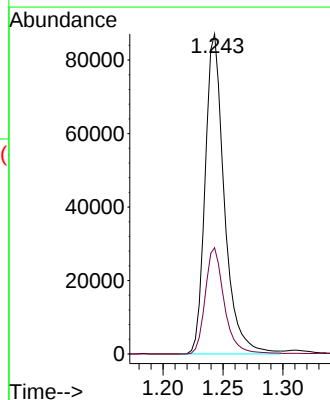
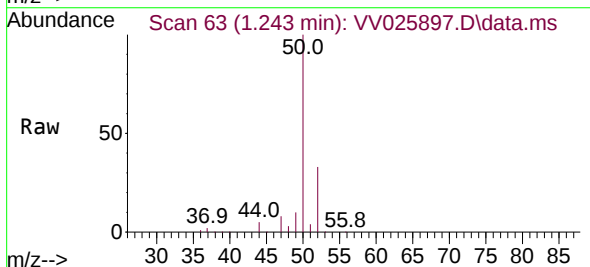
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

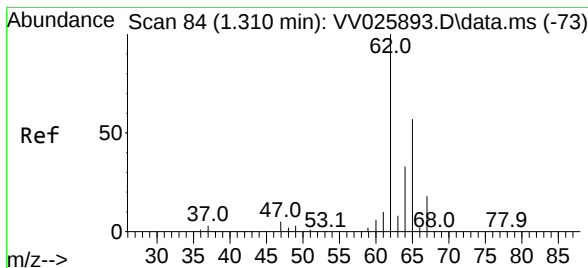
Tgt Ion: 85 Resp: 82193
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 5.003 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

Tgt Ion: 50 Resp: 97204
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.9 44.3





#5

Vinyl chloride

Concen: 4.991 ug/L

RT: 1.314 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

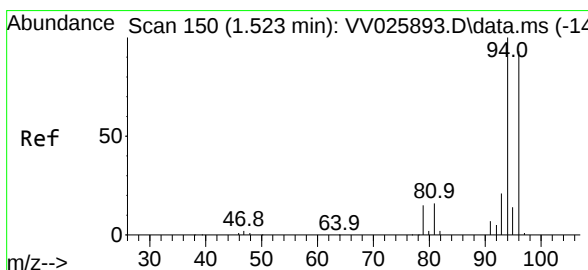
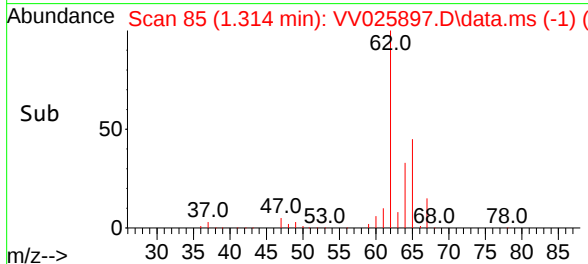
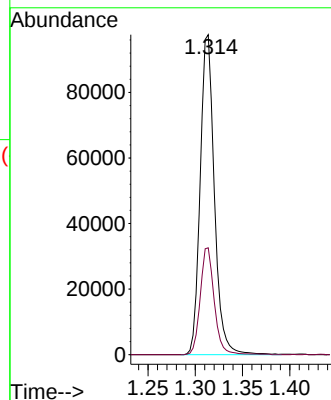
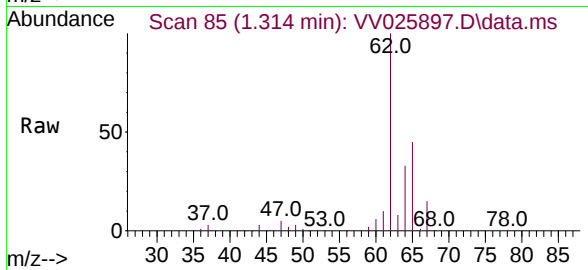
VICV248

Tgt Ion: 62 Resp: 101987

Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



#6

Bromomethane

Concen: 4.763 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV025897.D

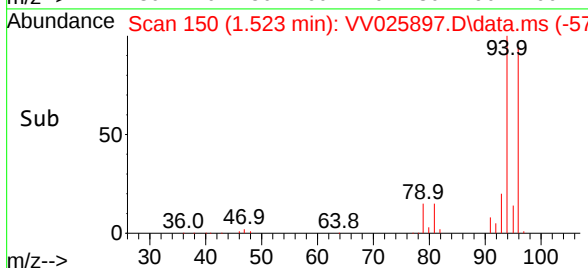
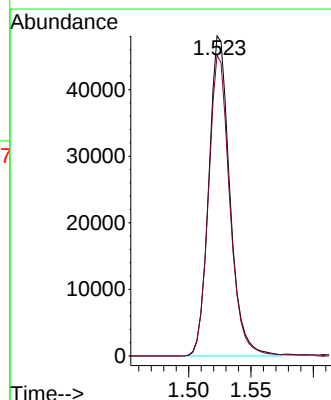
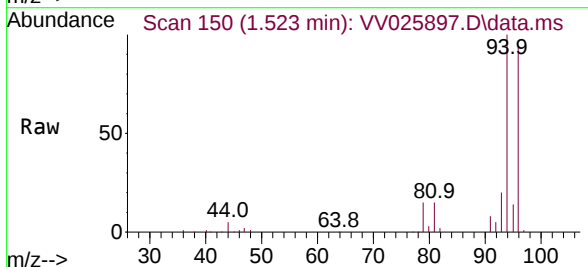
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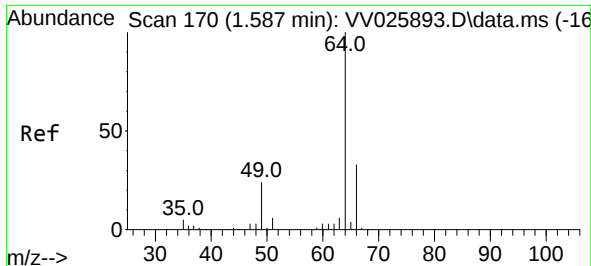
Tgt Ion: 94 Resp: 56663

Ion Ratio Lower Upper

94 100

96 94.0 65.4 121.4

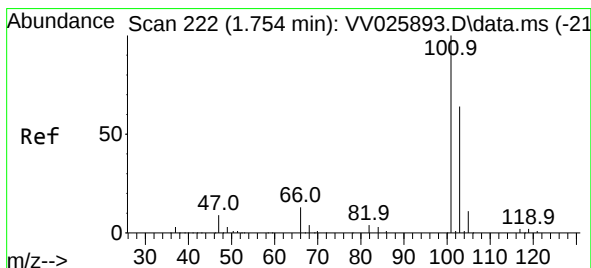
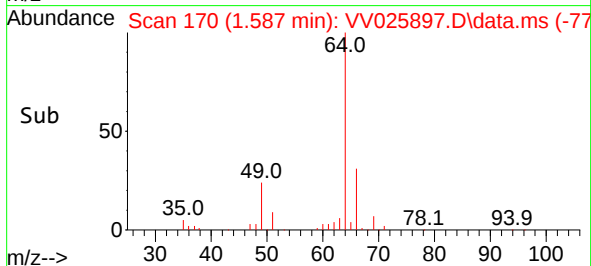
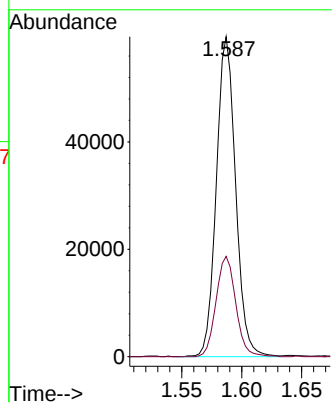
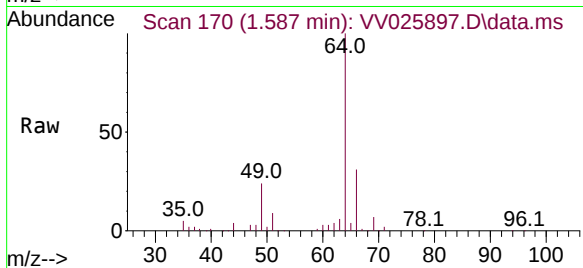




#8
Chloroethane
Concen: 5.005 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

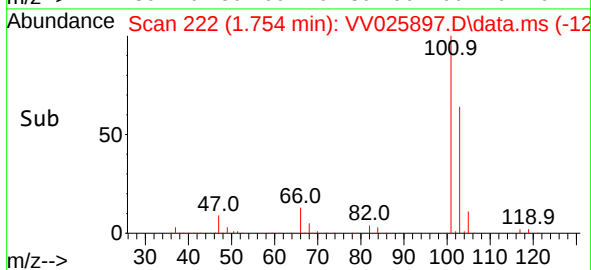
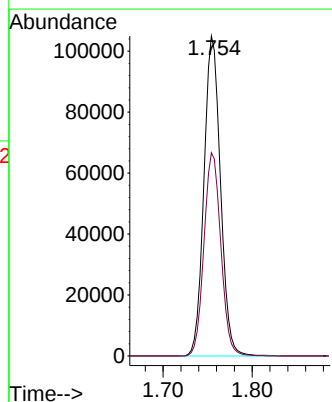
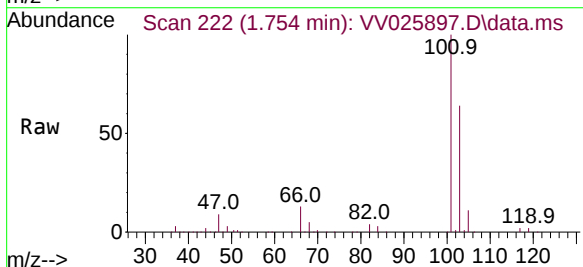
Instrument :
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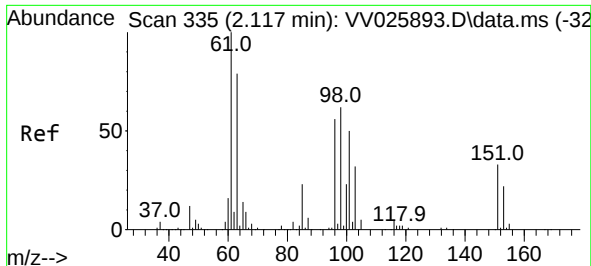
Tgt Ion: 64 Resp: 66351
Ion Ratio Lower Upper
64 100
66 31.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.956 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:101 Resp: 135152
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

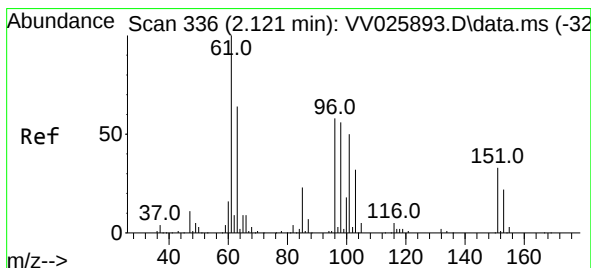
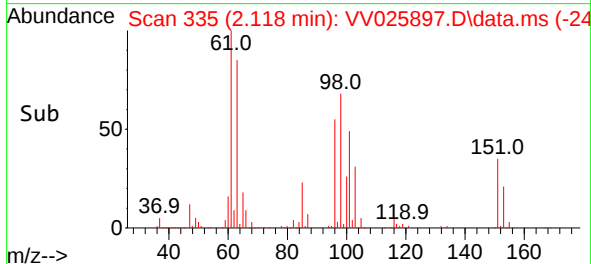
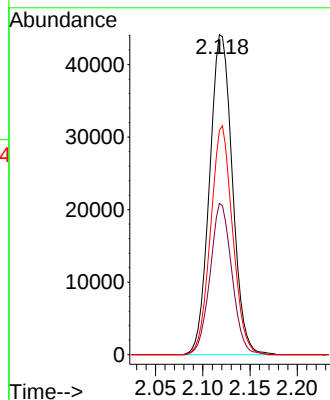
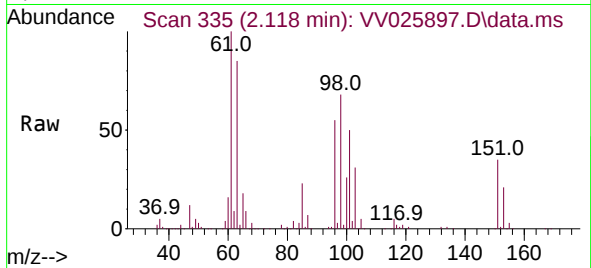




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.849 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

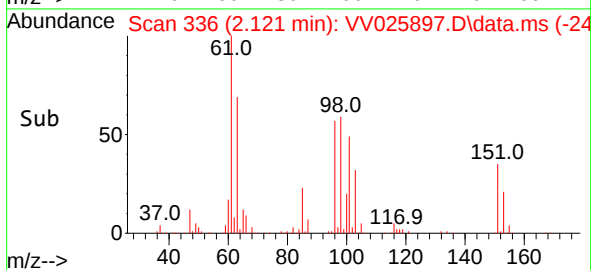
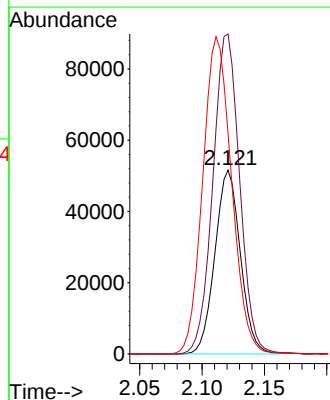
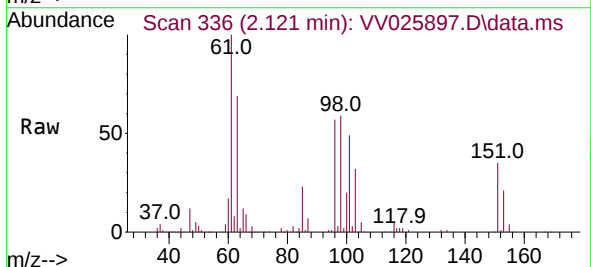
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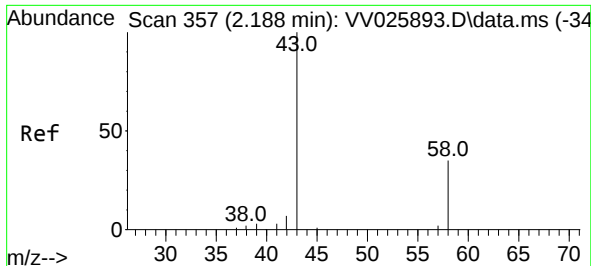
Tgt Ion:101 Resp: 74112
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.7 53.5
 151 69.2 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 4.946 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

Tgt Ion: 96 Resp: 73304
 Ion Ratio Lower Upper
 96 100
 61 174.1 119.8 222.6
 63 120.1 78.3 145.3





#13

Acetone

Concen: 31.813 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

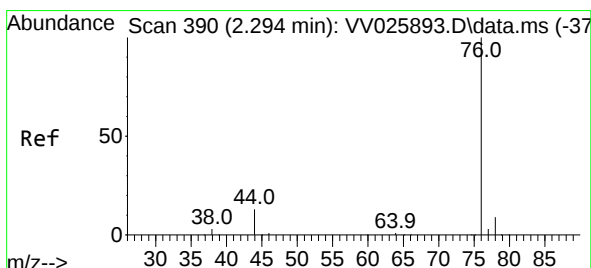
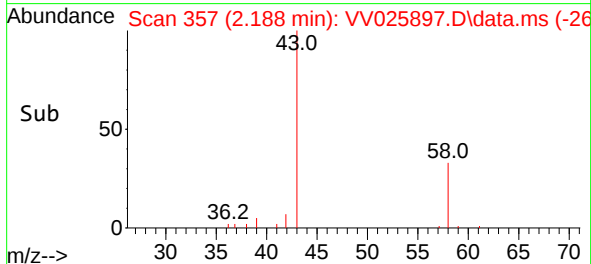
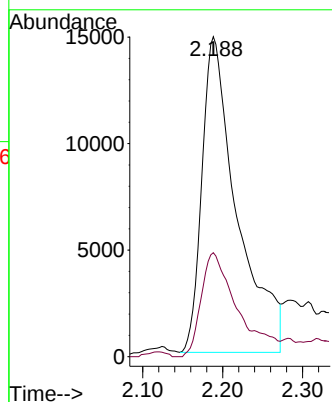
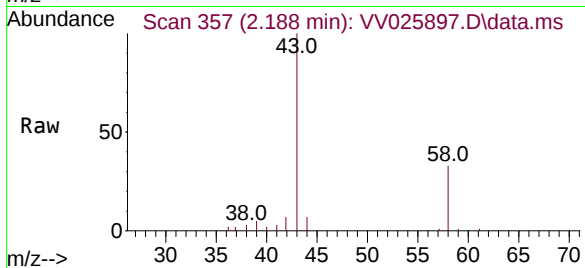
VICV248

Tgt Ion: 43 Resp: 45244

Ion Ratio Lower Upper

43 100

58 34.4 0.0 44.6



#14

Carbon disulfide

Concen: 4.945 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025897.D

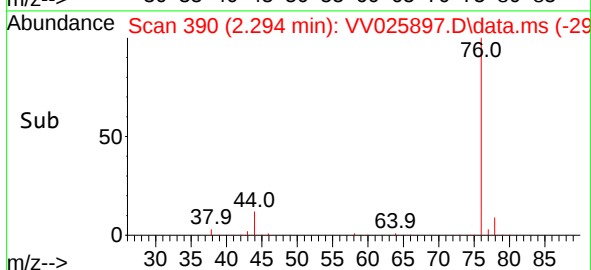
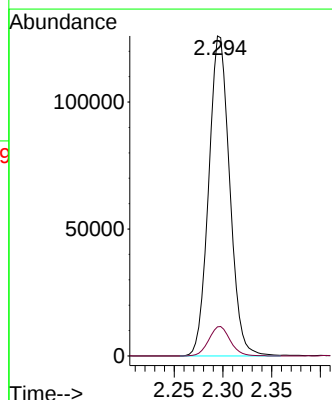
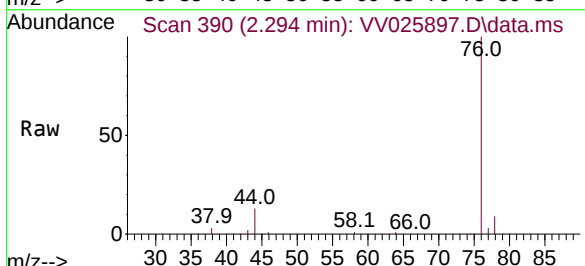
Acq: 13 May 2022 18:53

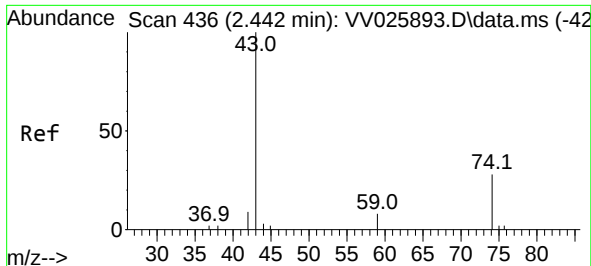
Tgt Ion: 76 Resp: 188834

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





#15

Methyl Acetate

Concen: 3.891 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

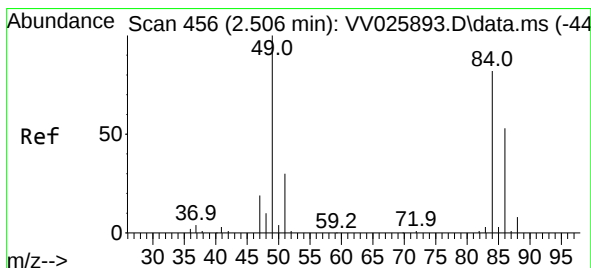
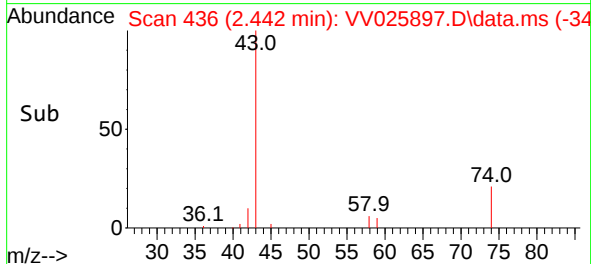
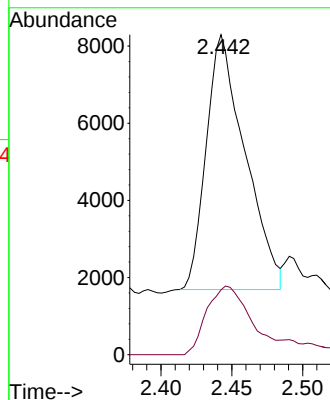
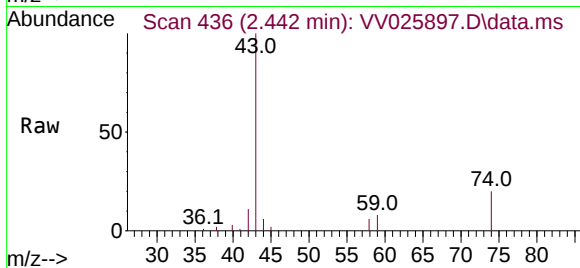
VICV248

Tgt Ion: 43 Resp: 12604

Ion Ratio Lower Upper

43 100

74 30.6 23.3 34.9



#16

Methylene chloride

Concen: 4.482 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

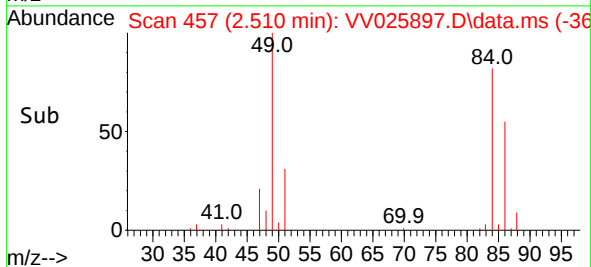
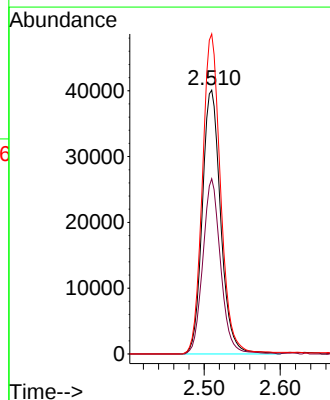
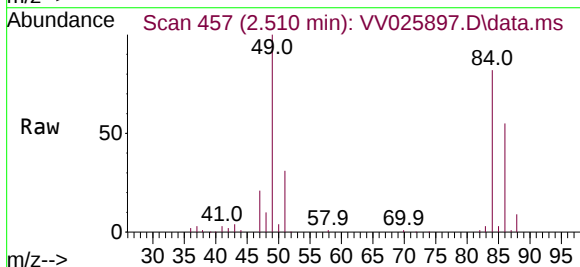
Tgt Ion: 84 Resp: 67432

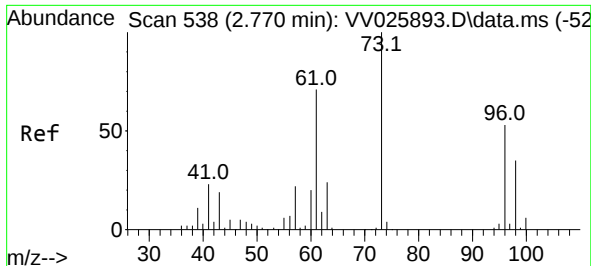
Ion Ratio Lower Upper

84 100

86 66.4 45.4 84.2

49 121.3 85.6 159.0

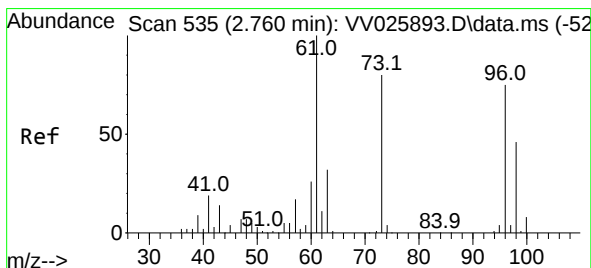
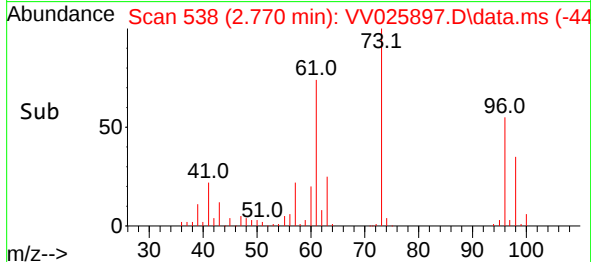
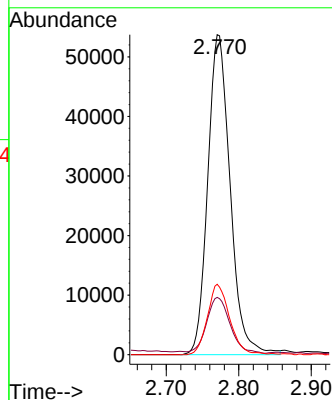
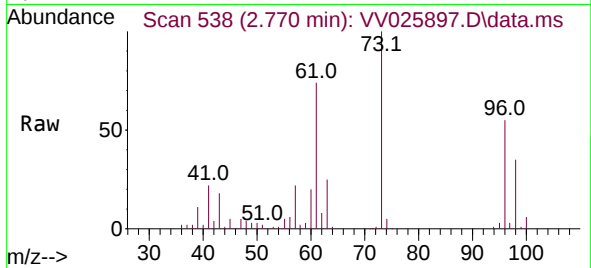




#17
Methyl tert-butyl Ether
Concen: 4.886 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

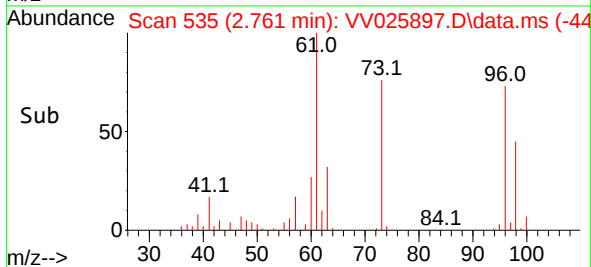
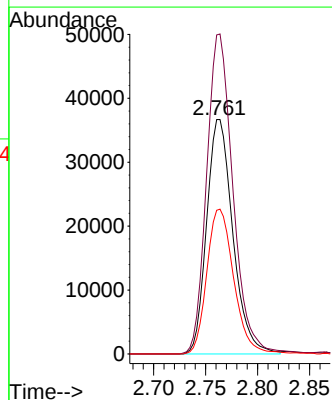
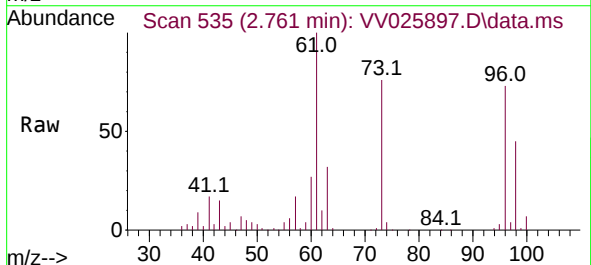
Instrument :
MSVOA_V
ClientSampleId :
VICV248

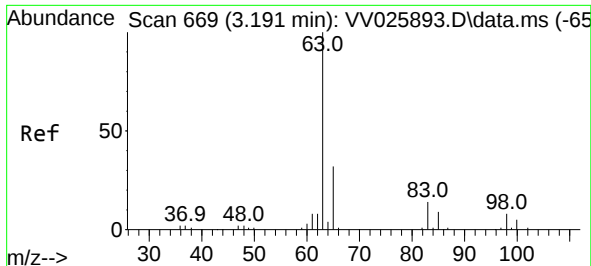
Tgt Ion: 73 Resp: 115555
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0
57 21.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.985 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 96 Resp: 64434
Ion Ratio Lower Upper
96 100
61 136.1 93.6 173.8
98 61.3 42.8 79.4

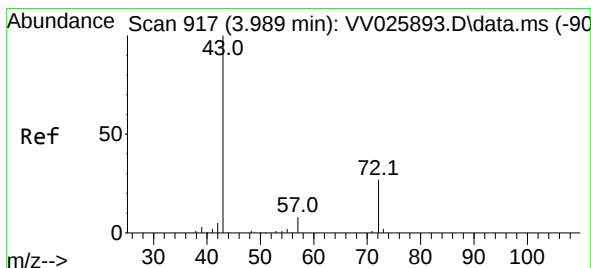
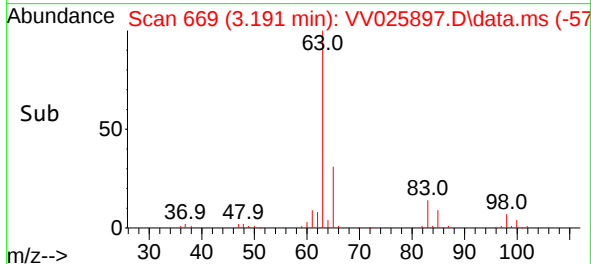
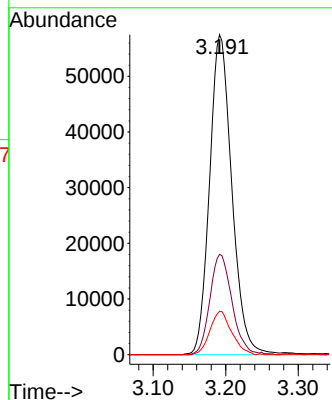
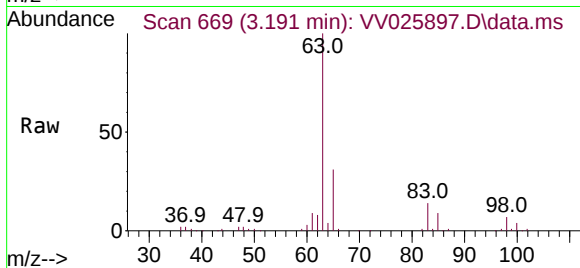




#19
1,1-Dichloroethane
Concen: 5.002 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

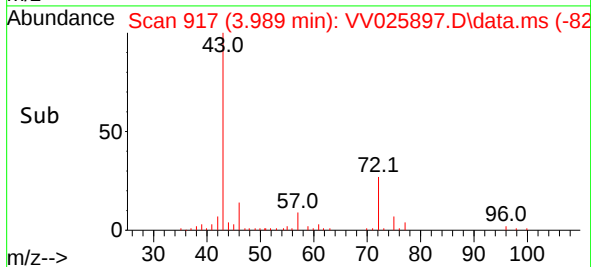
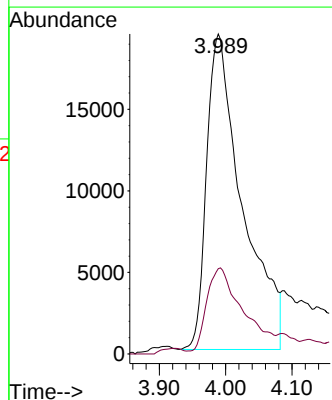
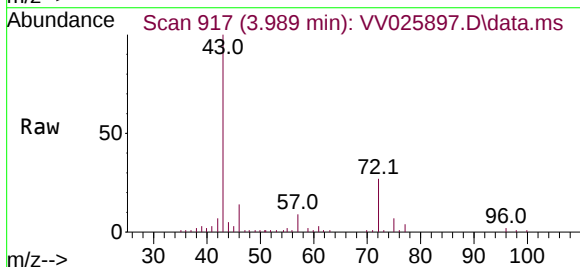
Instrument :
MSVOA_V
ClientSampleId :
VICV248

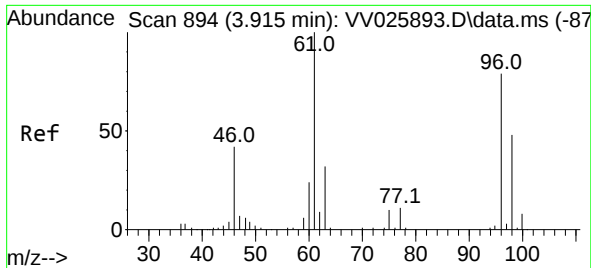
Tgt Ion:	63	Resp:	122409
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.3	41.5
83	13.6	10.0	18.6



#21
2-Butanone
Concen: 35.424 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:	43	Resp:	72347
Ion	Ratio	Lower	Upper
43	100		
72	26.4	10.5	31.6

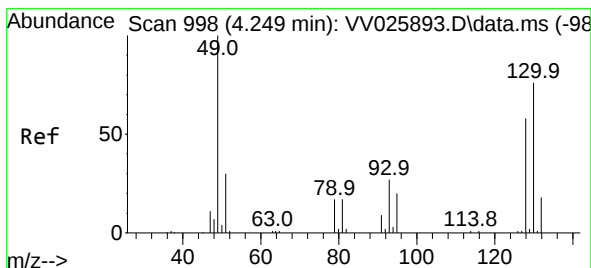
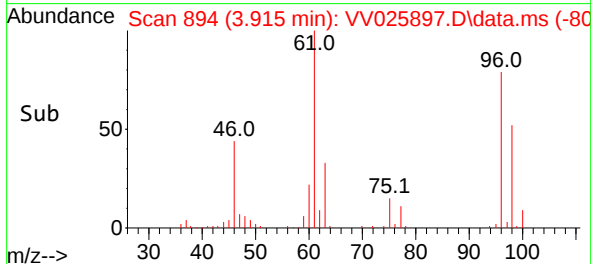
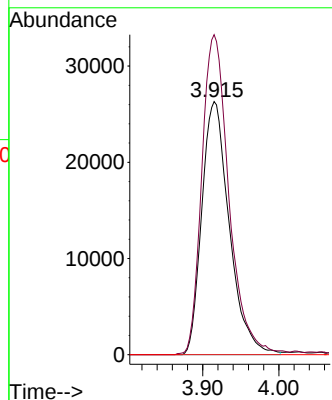
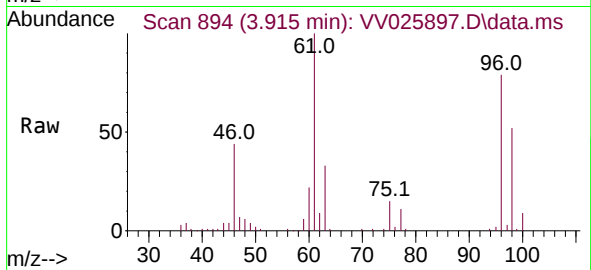




#22
 cis-1,2-Dichloroethene
 Concen: 5.010 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

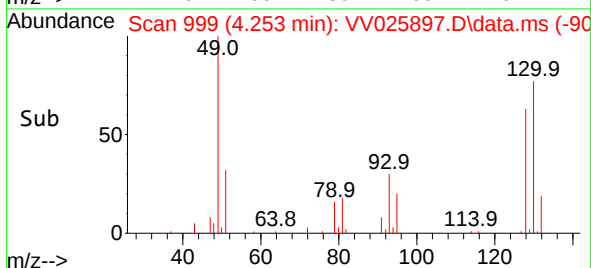
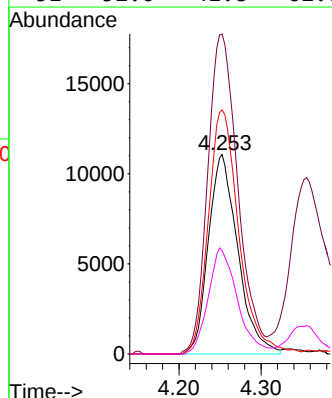
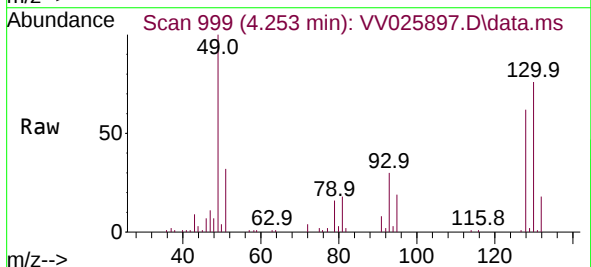
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

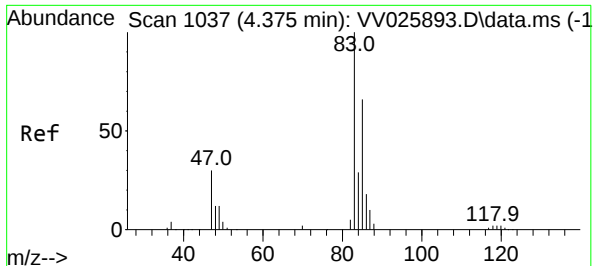
Tgt Ion: 96 Resp: 66156
 Ion Ratio Lower Upper
 96 100
 61 126.4 88.9 165.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.943 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

Tgt Ion: 128 Resp: 27609
 Ion Ratio Lower Upper
 128 100
 49 160.4 121.0 224.8
 130 122.3 90.8 168.6
 51 52.0 41.8 62.6





#25

Chloroform

Concen: 5.000 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

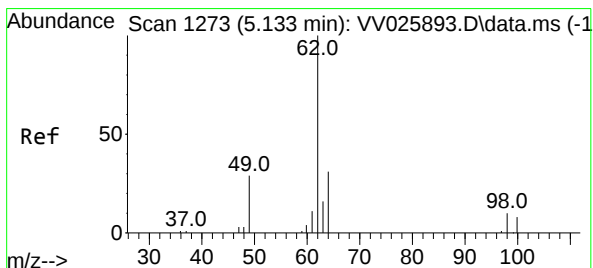
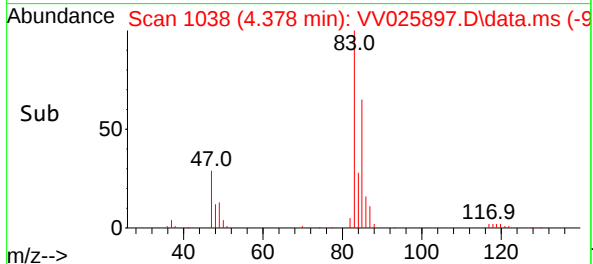
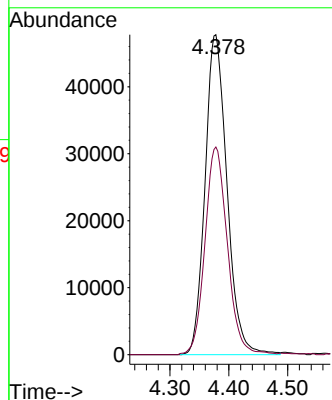
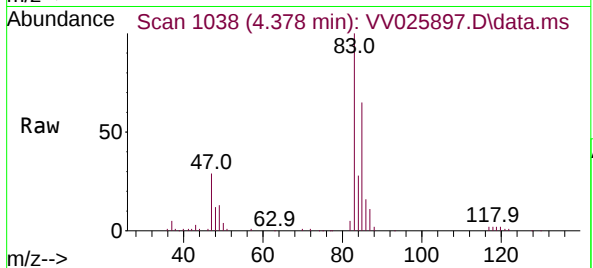
VICV248

Tgt Ion: 83 Resp: 124028

Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.7



#27

1,2-Dichloroethane

Concen: 4.852 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV025897.D

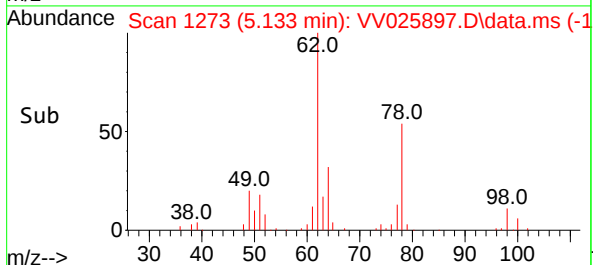
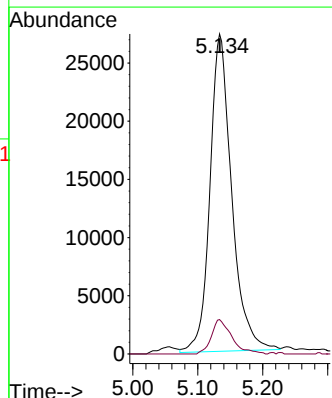
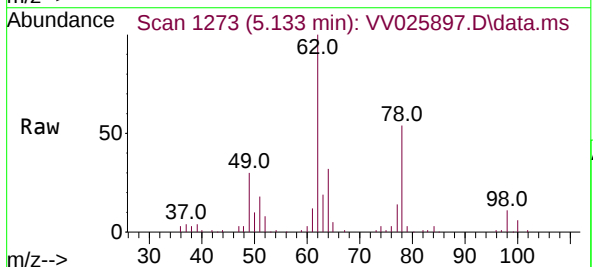
Acq: 13 May 2022 18:53

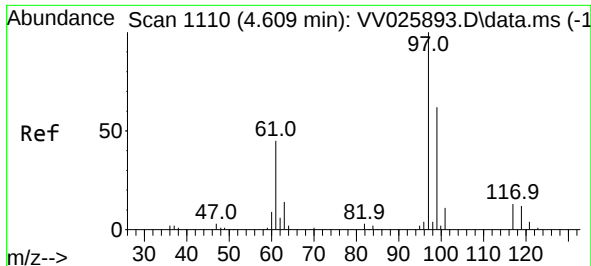
Tgt Ion: 62 Resp: 63437

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.071 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

VICV248

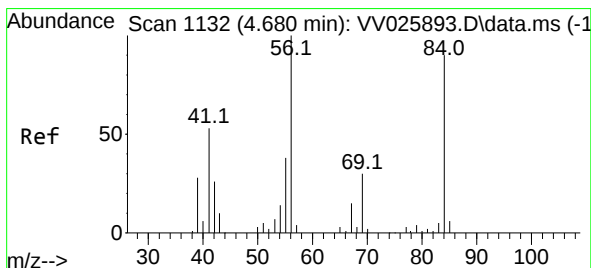
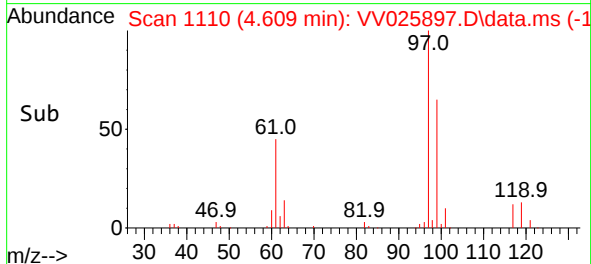
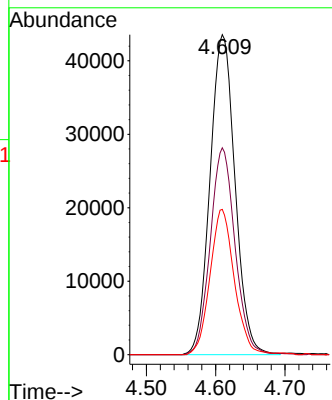
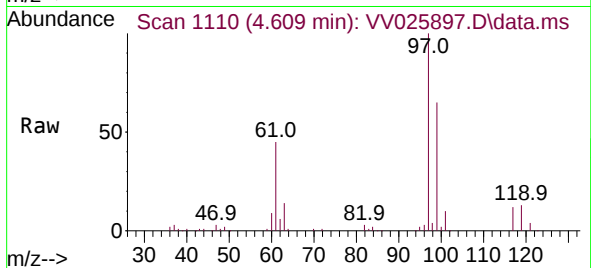
Tgt Ion: 97 Resp: 109174

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 44.2 36.3 54.5



#30

Cyclohexane

Concen: 4.983 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

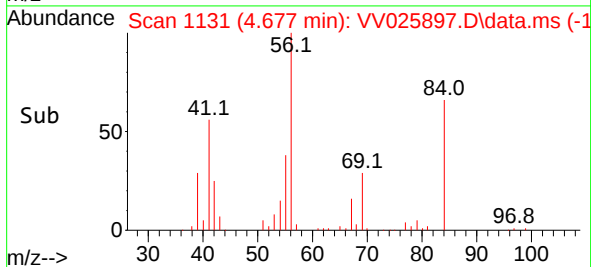
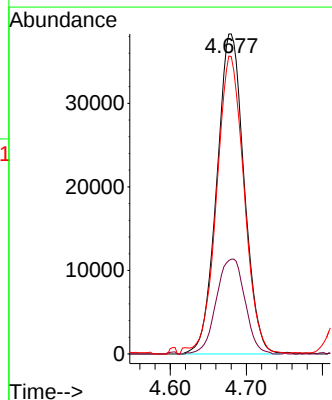
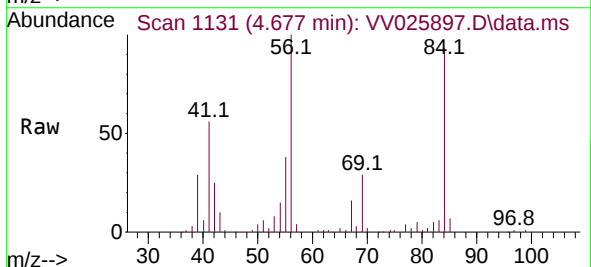
Tgt Ion: 56 Resp: 95513

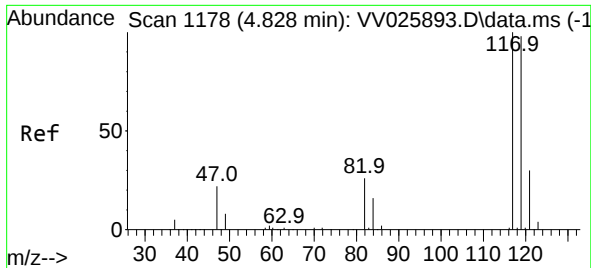
Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 92.3 75.0 112.4

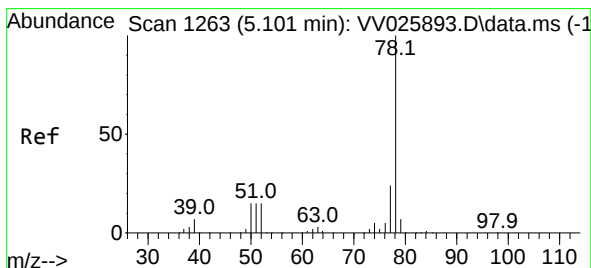
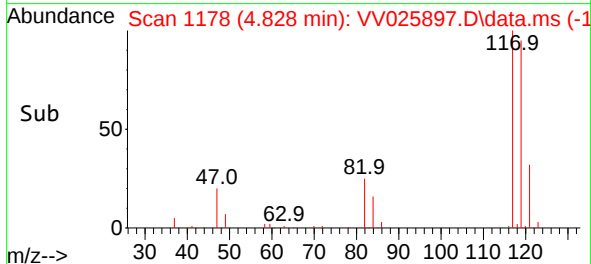
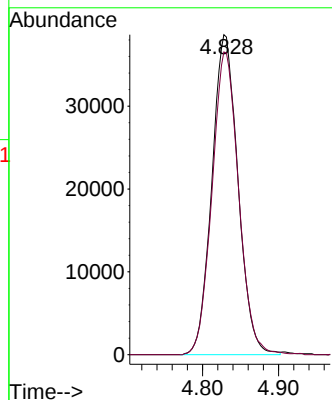
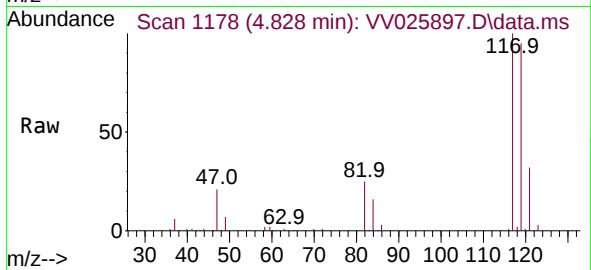




#31
Carbon tetrachloride
Concen: 5.051 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

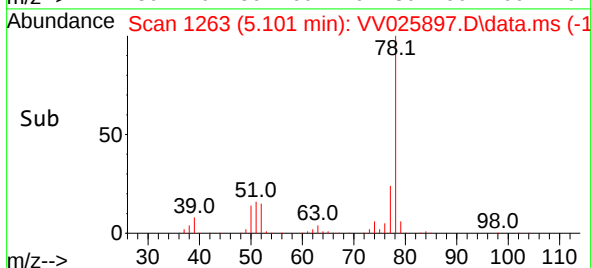
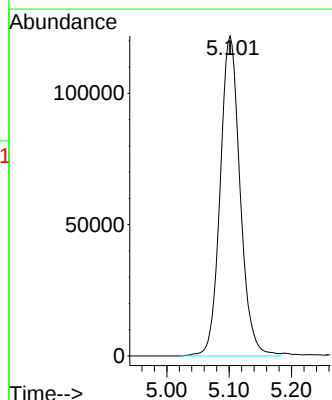
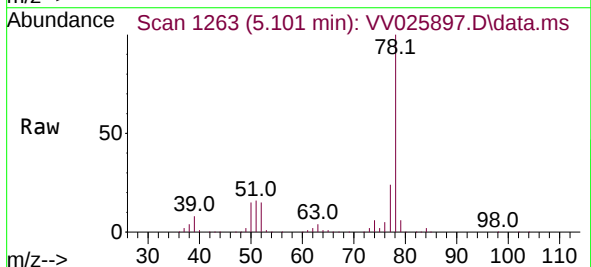
Instrument :
MSVOA_V
ClientSampleId :
VICV248

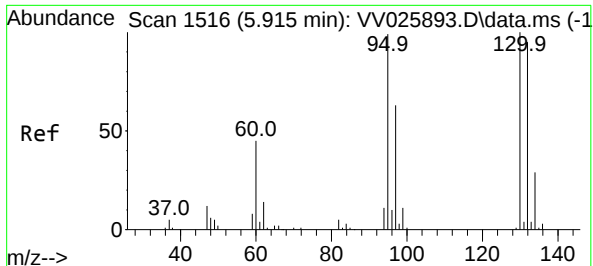
Tgt Ion:117 Resp: 92028
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 5.060 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 78 Resp: 270515

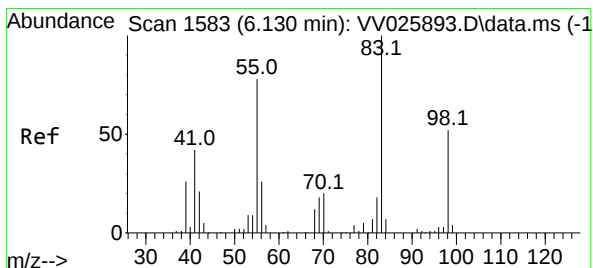
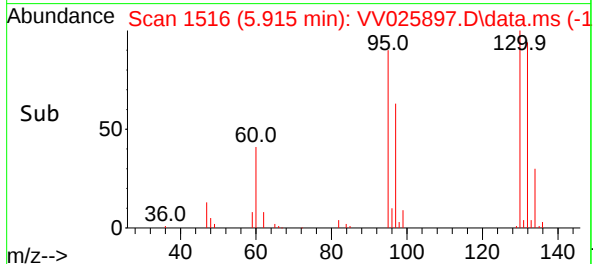
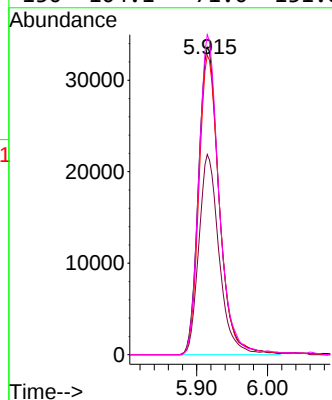
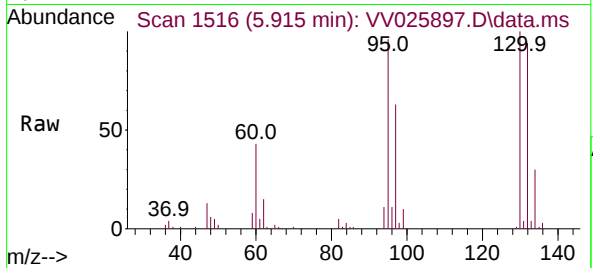




#34
Trichloroethene
Concen: 4.990 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

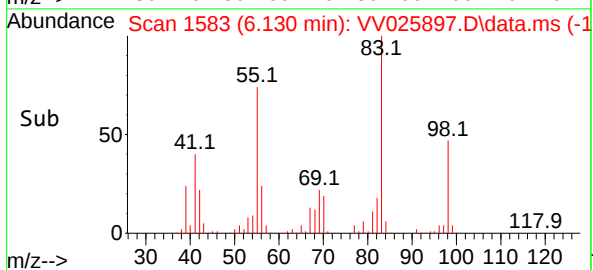
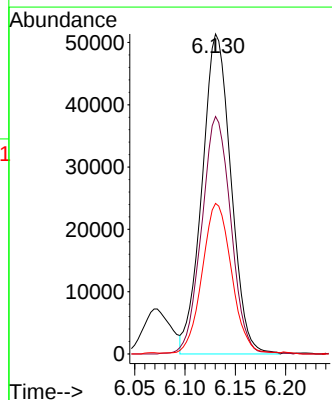
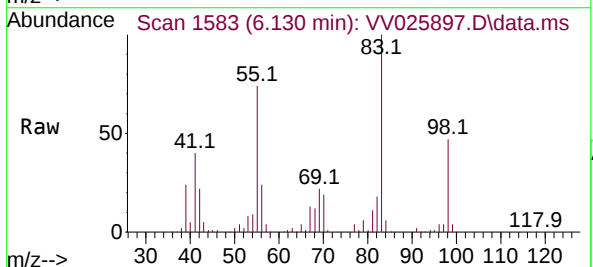
Instrument :
MSVOA_V
ClientSampleId :
VICV248

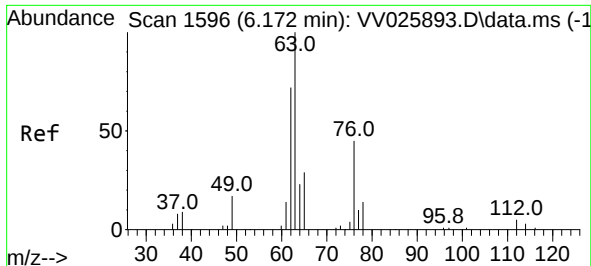
Tgt Ion: 95 Resp: 68136
Ion Ratio Lower Upper
95 100
97 65.1 44.9 83.3
132 97.4 67.6 125.6
130 104.1 71.0 131.8



#35
Methylcyclohexane
Concen: 4.899 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 83 Resp: 102709
Ion Ratio Lower Upper
83 100
55 75.0 60.1 90.1
98 47.1 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.301 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

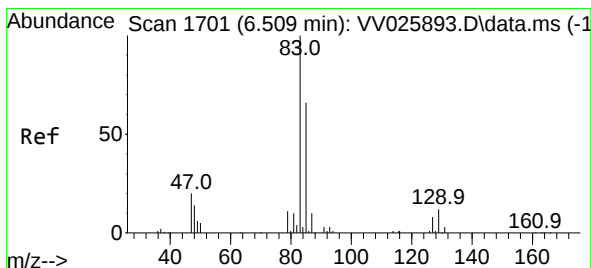
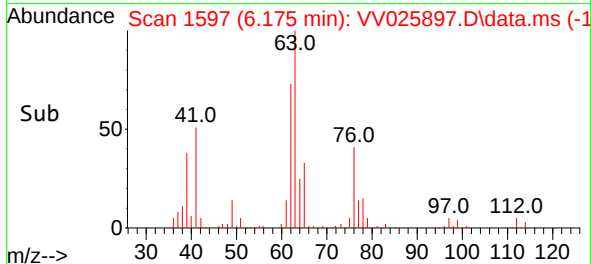
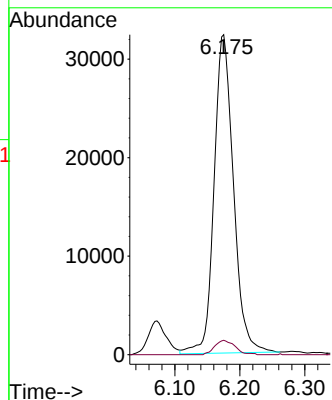
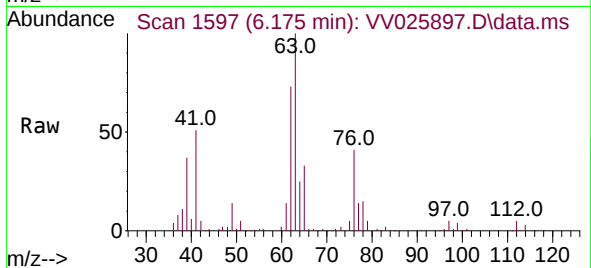
VICV248

Tgt Ion: 63 Resp: 66860

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 4.969 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

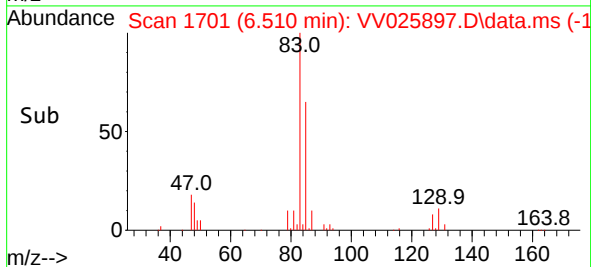
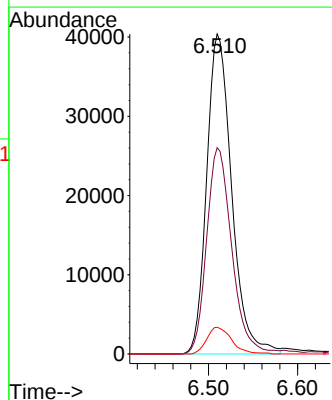
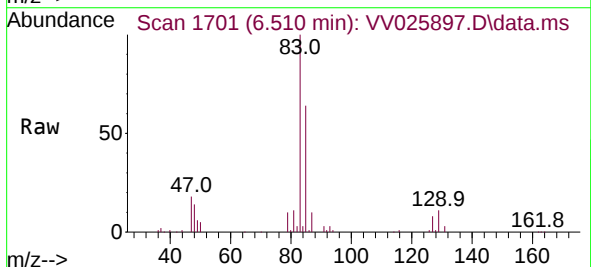
Tgt Ion: 83 Resp: 78762

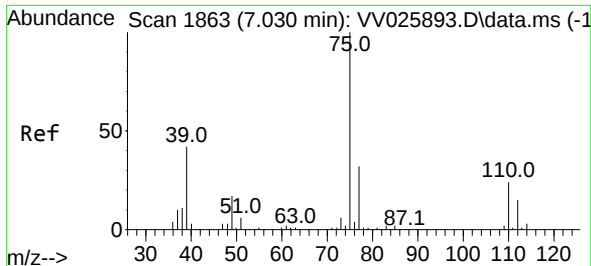
Ion Ratio Lower Upper

83 100

85 64.5 46.1 85.5

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.879 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

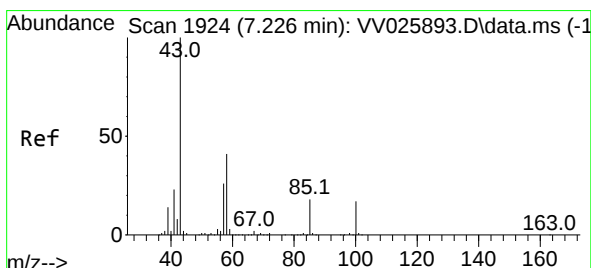
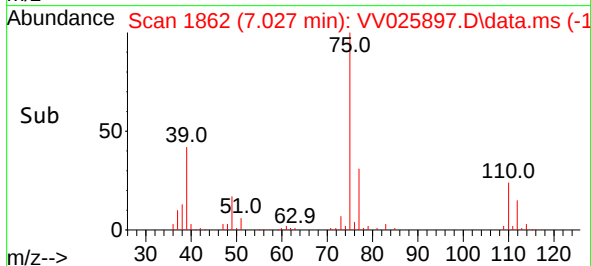
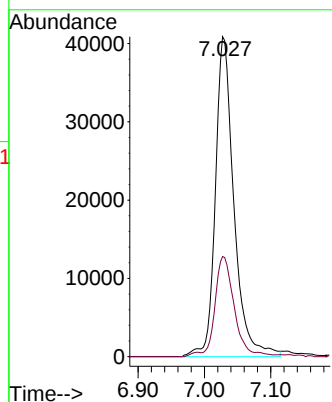
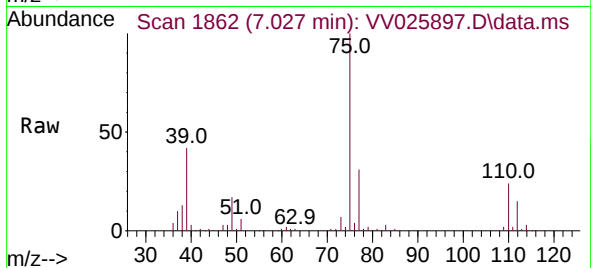
VICV248

Tgt Ion: 75 Resp: 79428

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.708 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

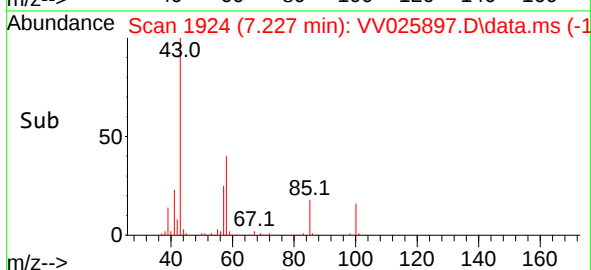
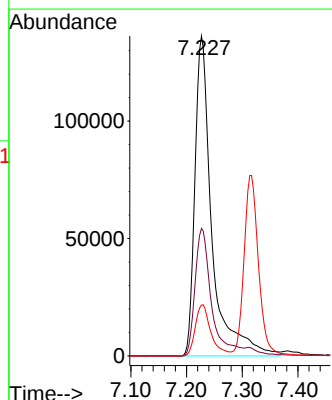
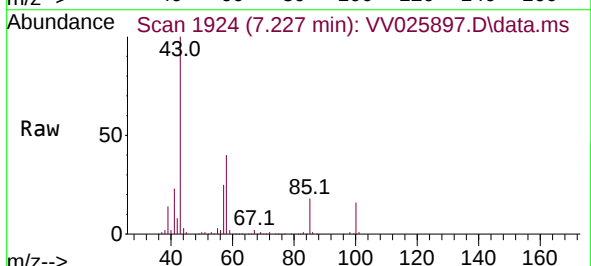
Tgt Ion: 43 Resp: 289970

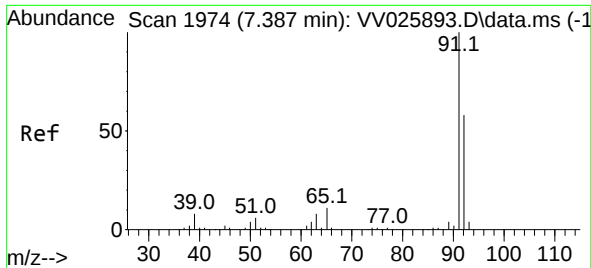
Ion Ratio Lower Upper

43 100

58 38.6 31.6 47.4

100 14.7 12.2 18.4





#42

Toluene

Concen: 5.241 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

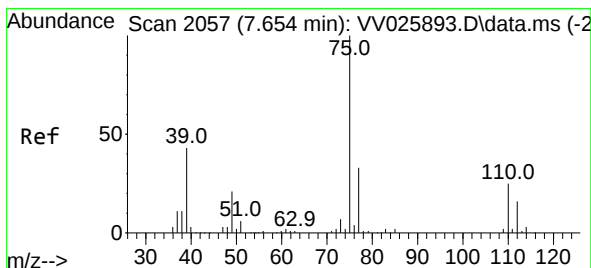
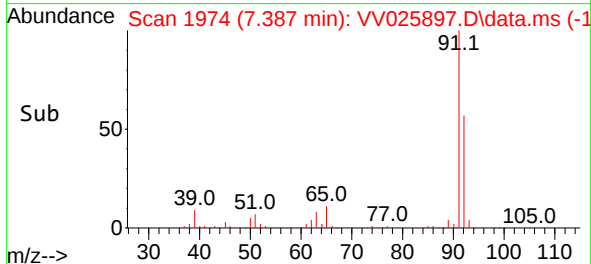
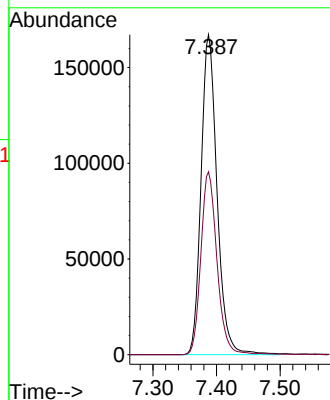
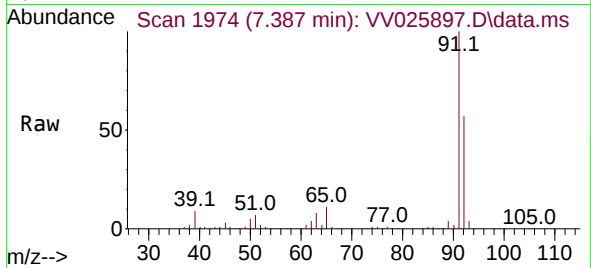
VICV248

Tgt Ion: 91 Resp: 291694

Ion Ratio Lower Upper

91 100

92 57.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.125 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV025897.D

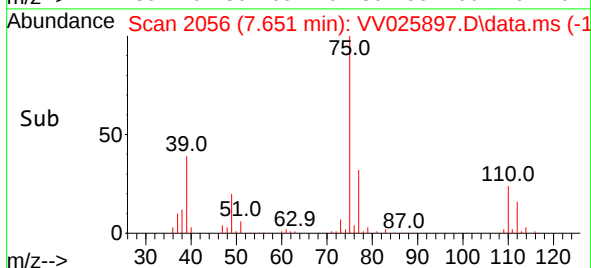
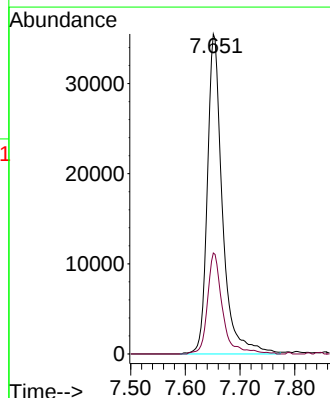
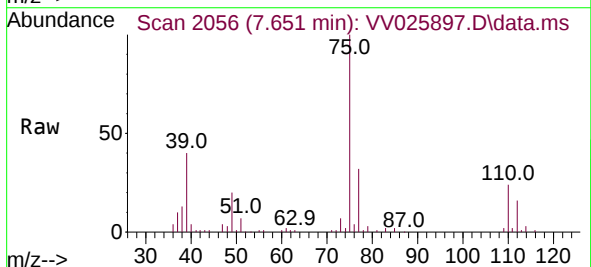
Acq: 13 May 2022 18:53

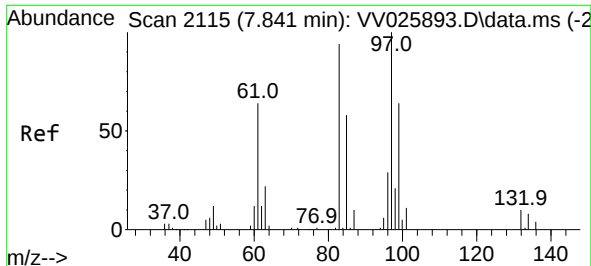
Tgt Ion: 75 Resp: 68058

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

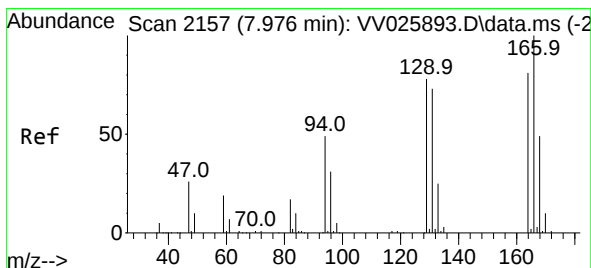
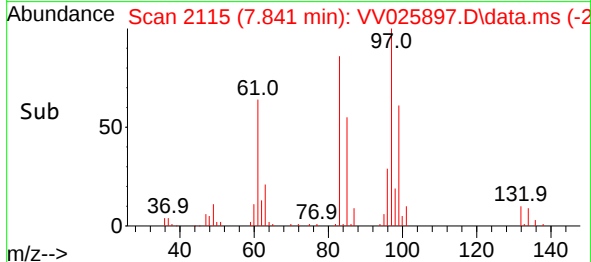
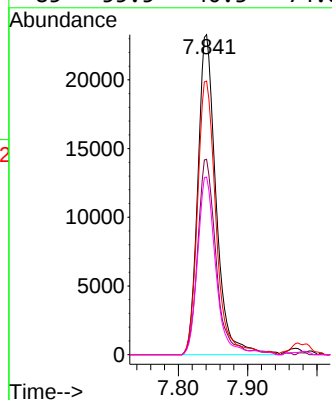
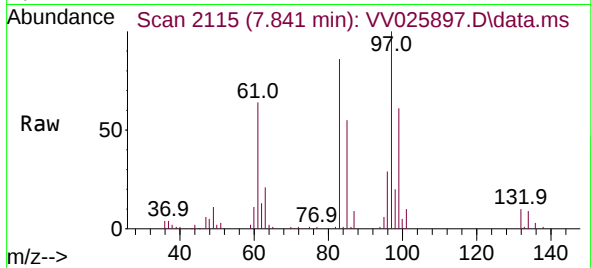




#45
1,1,2-Trichloroethane
Concen: 4.925 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

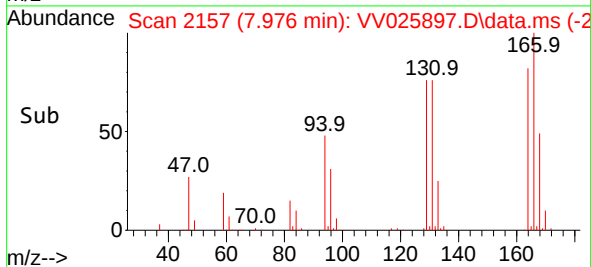
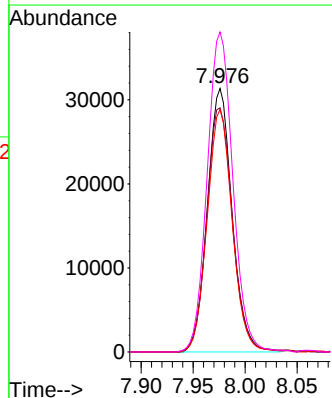
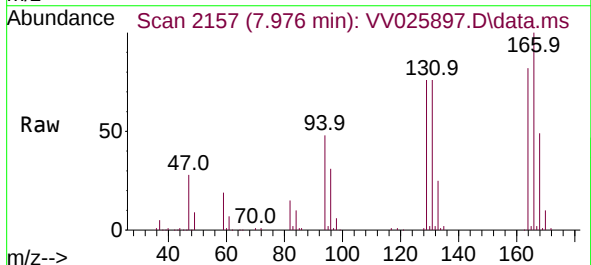
Instrument :
MSVOA_V
ClientSampleId :
VICV248

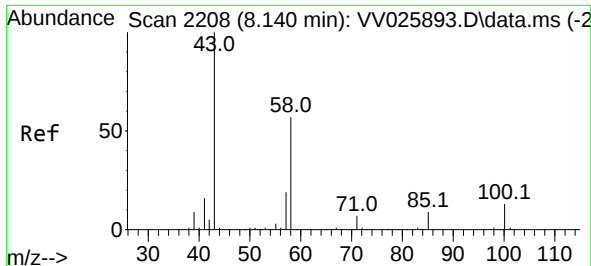
Tgt Ion:	97	Resp:	42639
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.8	83.2
83	85.5	65.7	121.9
85	55.5	40.3	74.8



#47
Tetrachloroethene
Concen: 4.893 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:	164	Resp:	51770
Ion	Ratio	Lower	Upper
164	100		
129	92.7	67.5	125.4
131	92.0	63.8	118.4
166	121.4	86.9	161.3



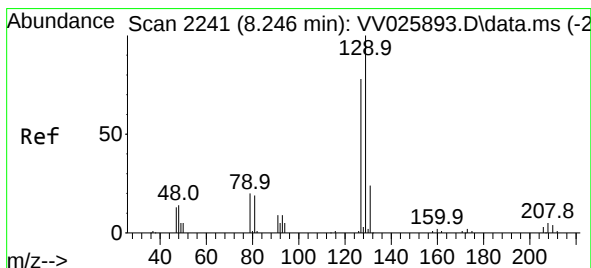
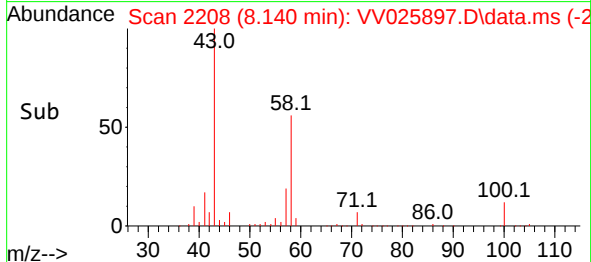
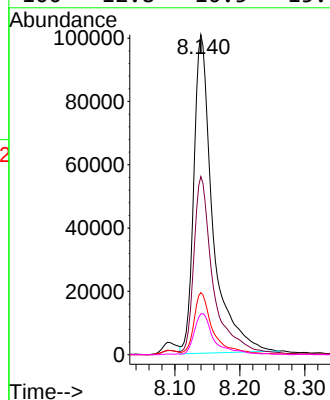
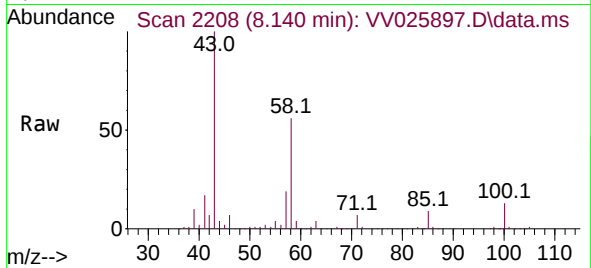


#48
2-Hexanone
Concen: 49.641 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Instrument :
MSVOA_V
ClientSampleId :
VICV248

Tgt Ion: 43 Resp: 204713

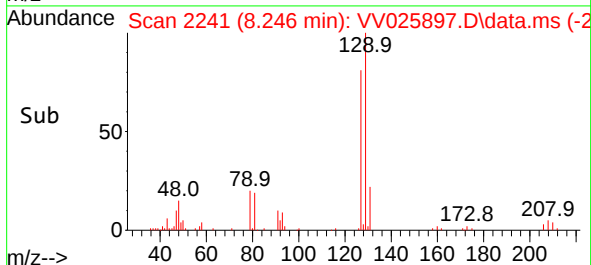
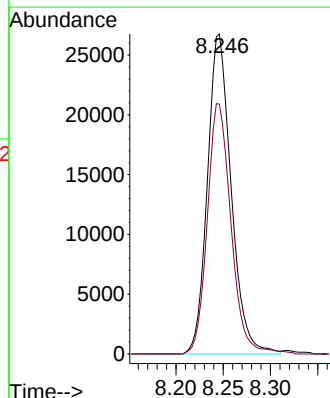
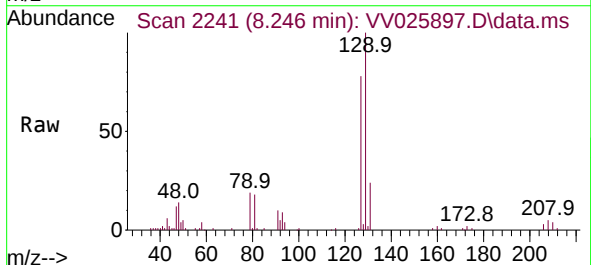
Ion	Ratio	Lower	Upper
43	100		
58	57.4	44.7	67.1
57	18.9	14.9	22.3
100	12.8	10.5	15.7

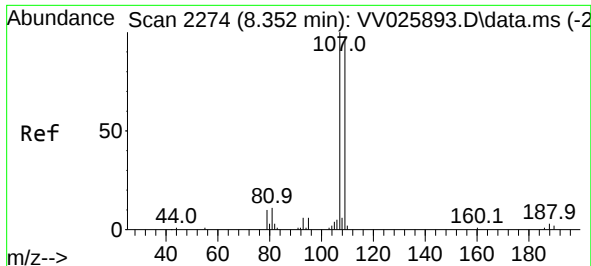


#49
Dibromochloromethane
Concen: 4.944 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 129 Resp: 46769

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.098 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

VICV248

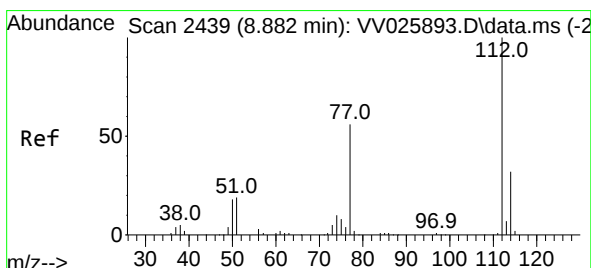
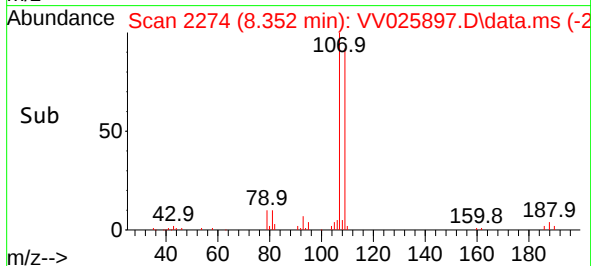
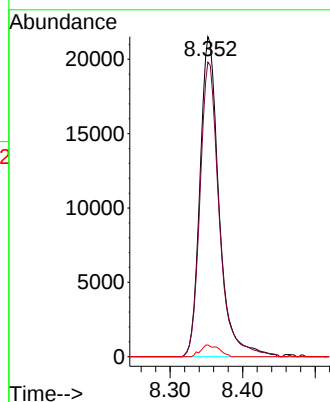
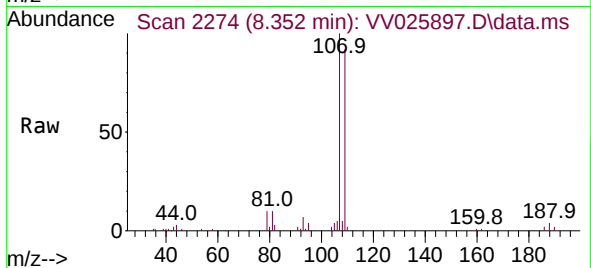
Tgt Ion:107 Resp: 39234

Ion Ratio Lower Upper

107 100

109 92.0 68.1 126.5

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 4.950 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

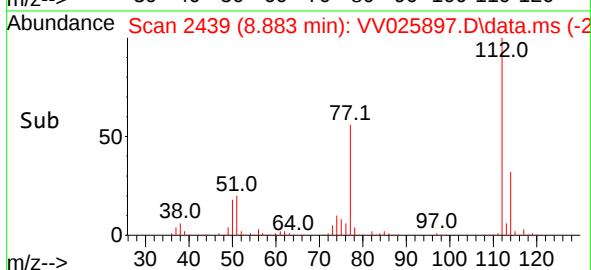
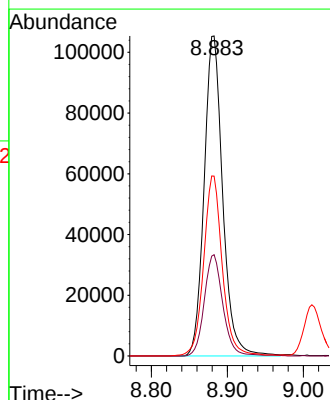
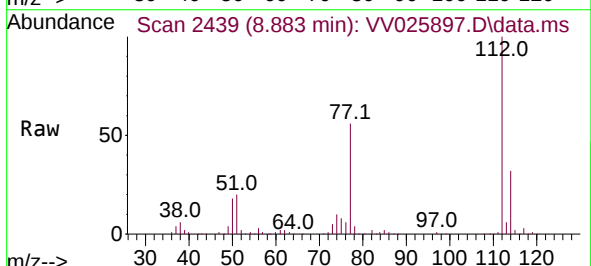
Tgt Ion:112 Resp: 178681

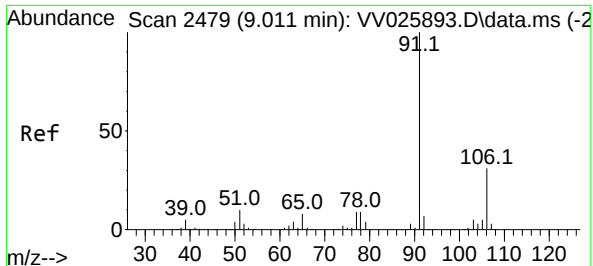
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.3

77 56.2 45.3 67.9





#52

Ethylbenzene

Concen: 5.018 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

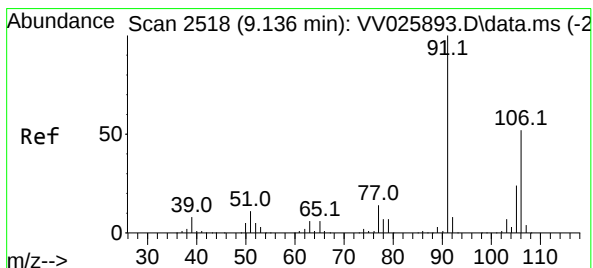
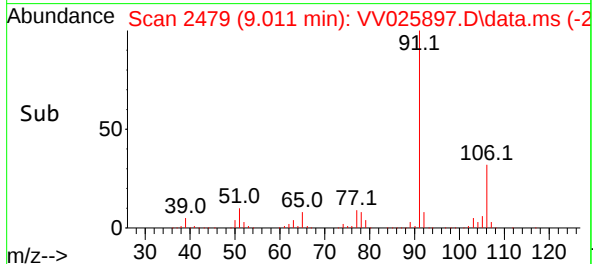
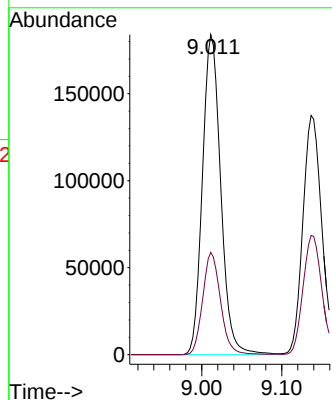
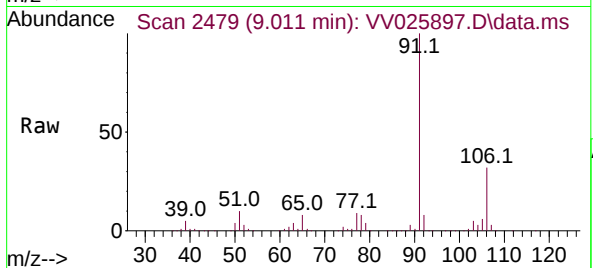
VICV248

Tgt Ion: 91 Resp: 293750

Ion Ratio Lower Upper

91 100

106 32.0 21.6 40.0



#53

m,p-Xylene

Concen: 4.999 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025897.D

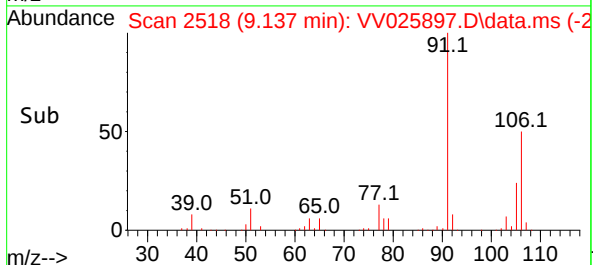
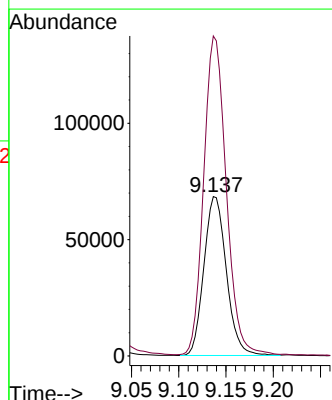
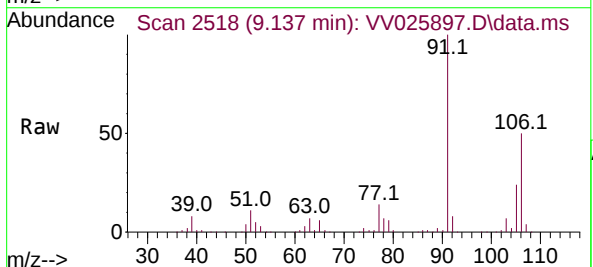
Acq: 13 May 2022 18:53

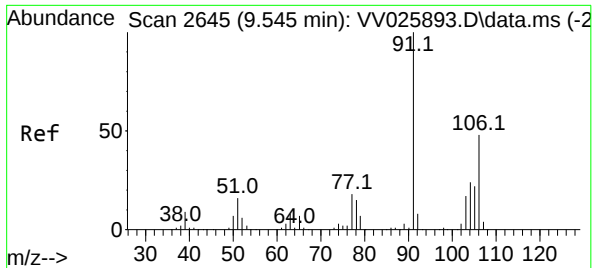
Tgt Ion:106 Resp: 113015

Ion Ratio Lower Upper

106 100

91 200.8 135.3 251.3

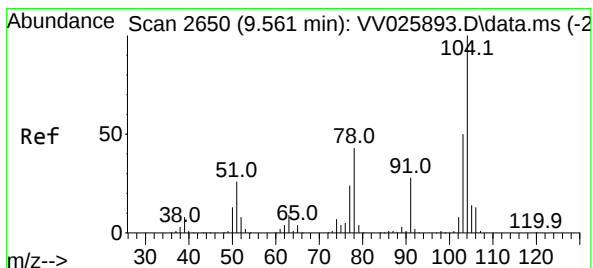
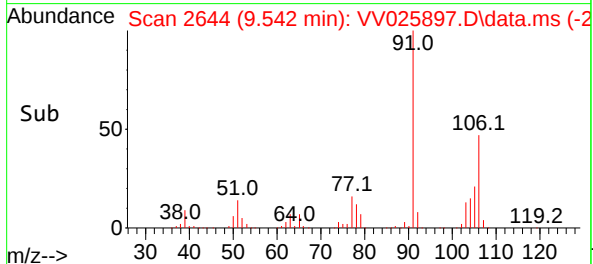
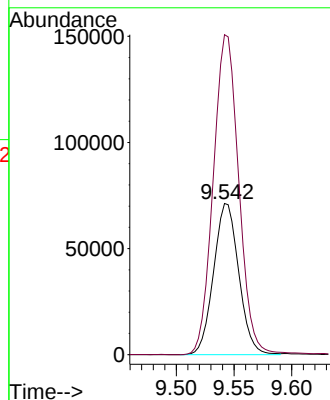
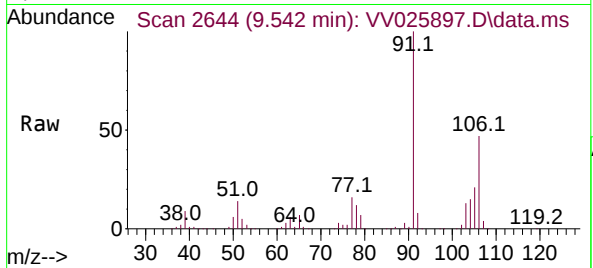




#54
o-Xylene
Concen: 5.013 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

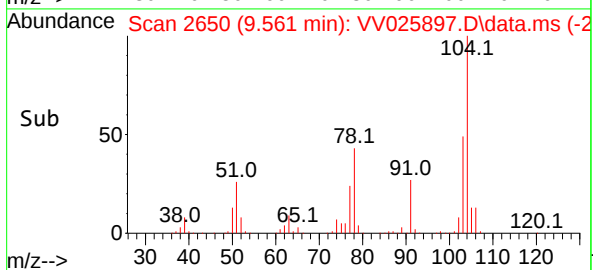
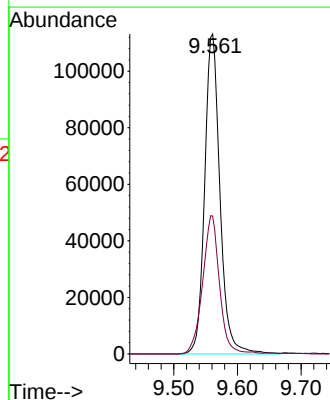
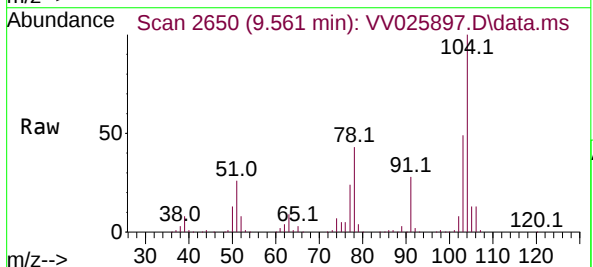
Instrument :
MSVOA_V
ClientSampleId :
VICV248

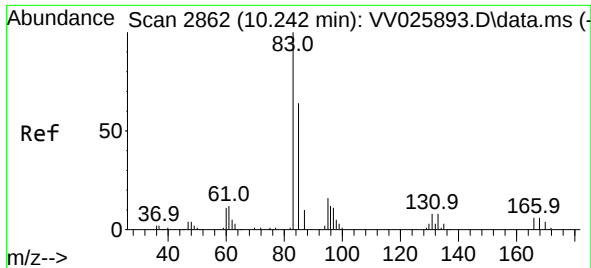
Tgt Ion:106 Resp: 107922
Ion Ratio Lower Upper
106 100
91 211.6 145.1 269.5



#55
Styrene
Concen: 5.231 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:104 Resp: 189234
Ion Ratio Lower Upper
104 100
78 43.1 30.0 55.8

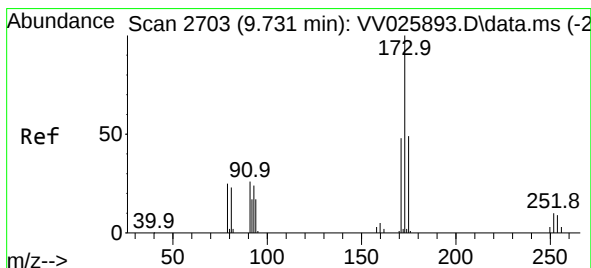
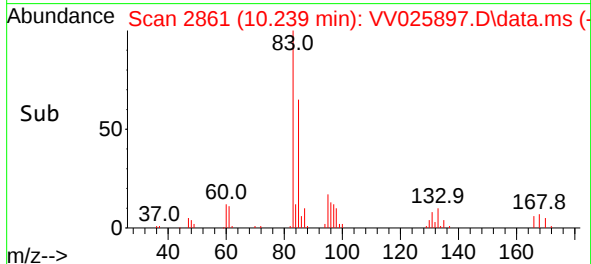
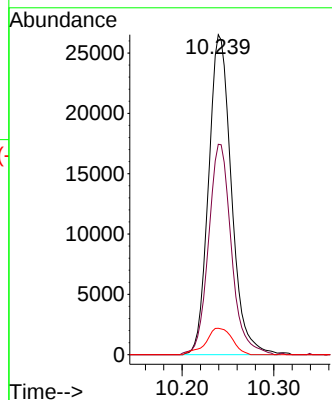
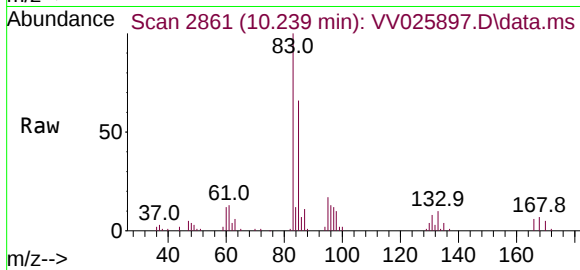




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.903 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.003 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

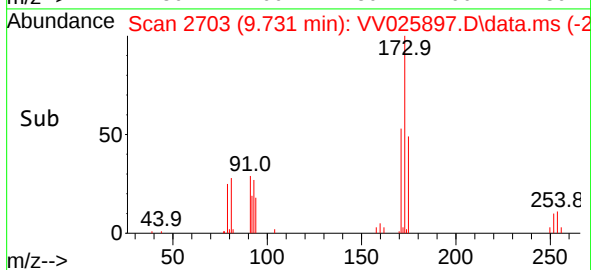
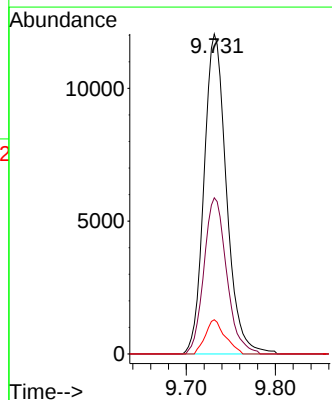
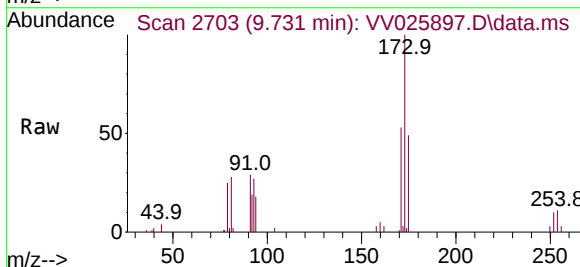
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

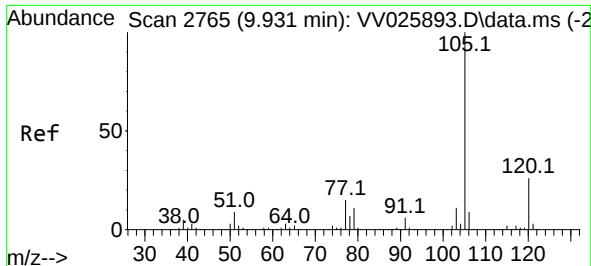
Tgt Ion:	83	Resp:	45859
Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.5	82.7
131	8.2	6.7	10.1



#59
 Bromoform
 Concen: 4.732 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

Tgt Ion:	173	Resp:	21037
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.4	59.2
254	9.4	7.0	10.6

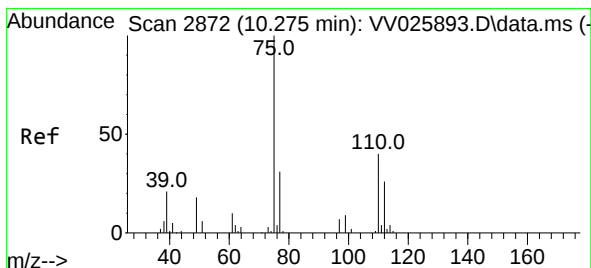
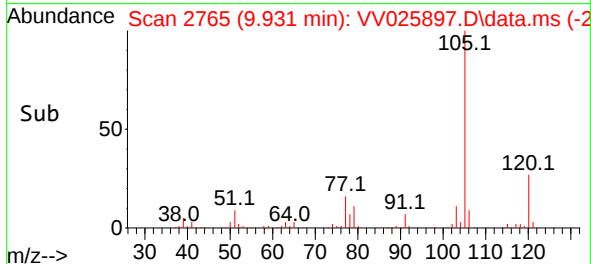
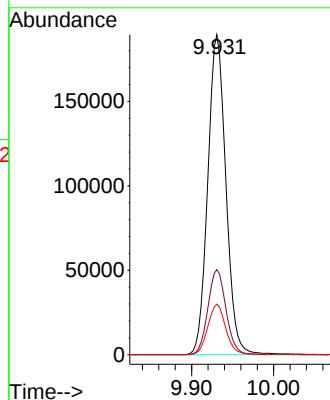
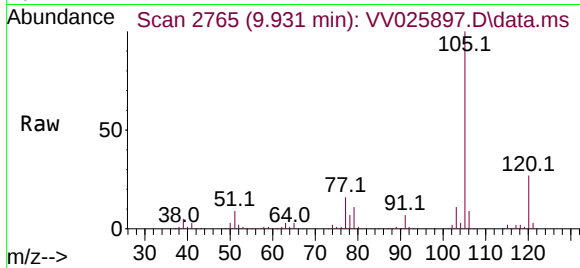




#60
Isopropylbenzene
Concen: 5.071 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

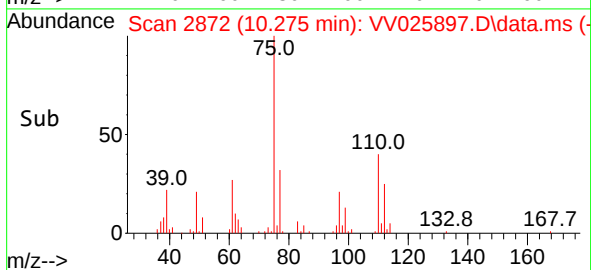
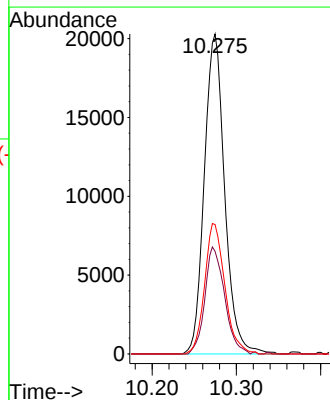
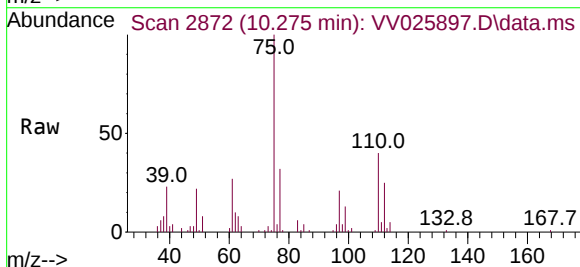
Instrument :
MSVOA_V
ClientSampleId :
VICV248

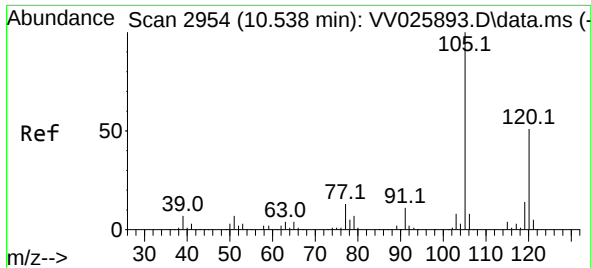
Tgt Ion:105 Resp: 290461
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.794 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 75 Resp: 34209
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 40.5 32.4 48.6

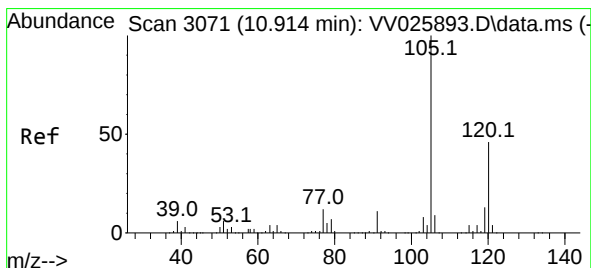
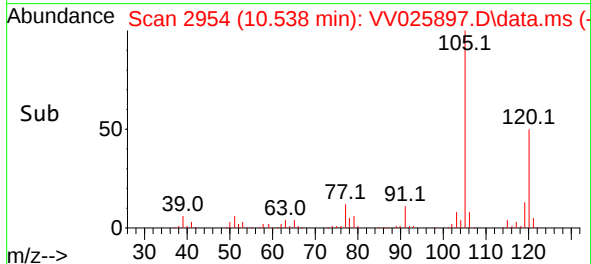
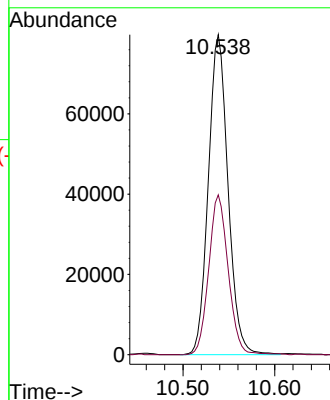
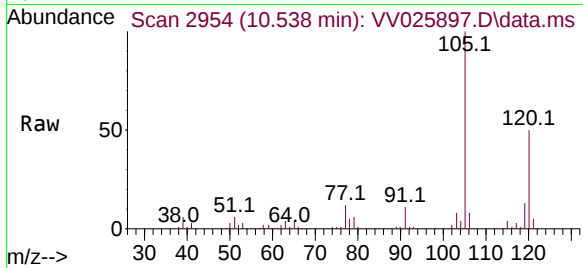




#62
1,3,5-Trimethylbenzene
Concen: 4.859 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

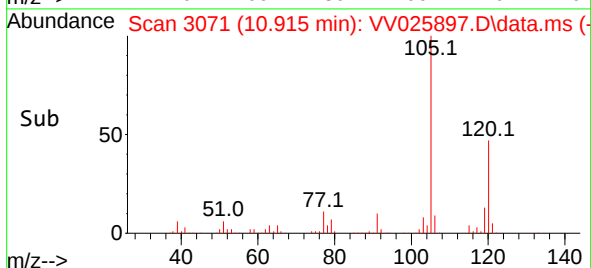
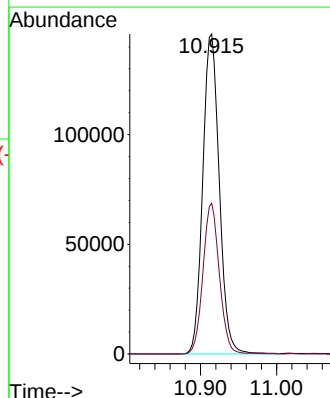
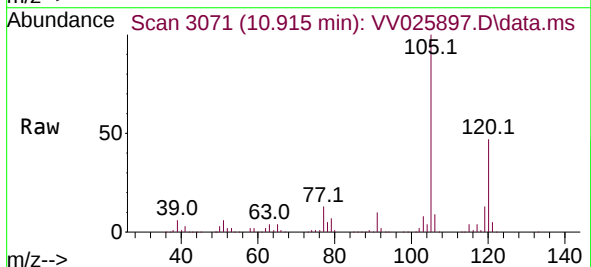
Instrument :
MSVOA_V
ClientSampleId :
VICV248

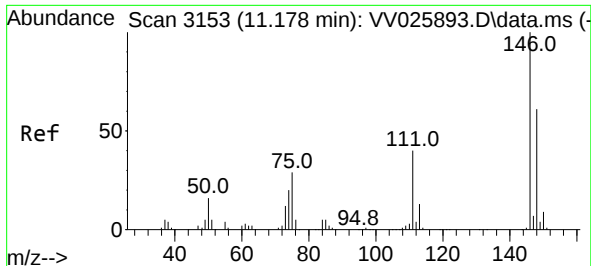
Tgt Ion:105 Resp: 118868
Ion Ratio Lower Upper
105 100
120 49.5 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 4.914 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:105 Resp: 220410
Ion Ratio Lower Upper
105 100
120 46.8 36.8 55.2

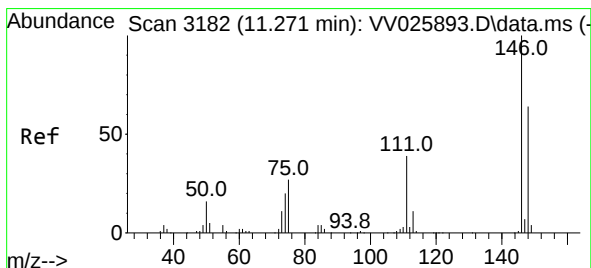
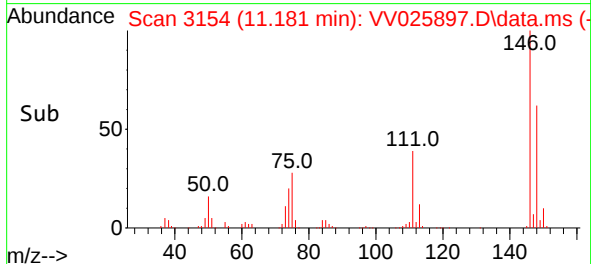
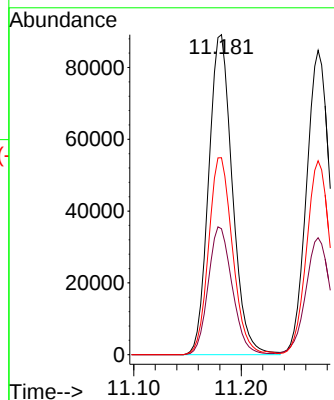
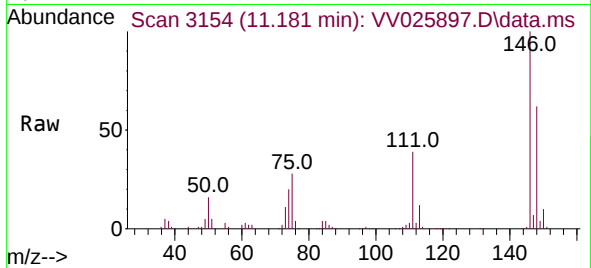




#64
 1,3-Dichlorobenzene
 Concen: 5.039 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

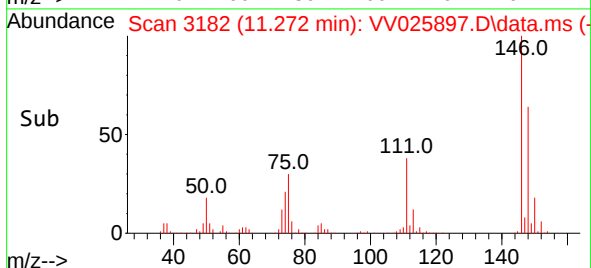
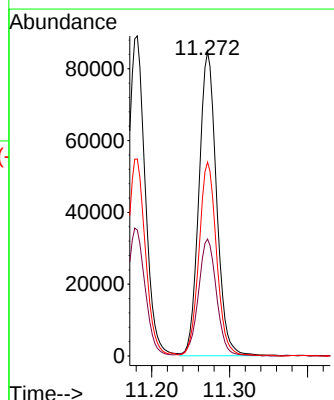
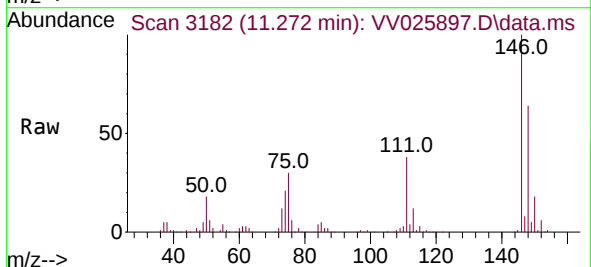
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

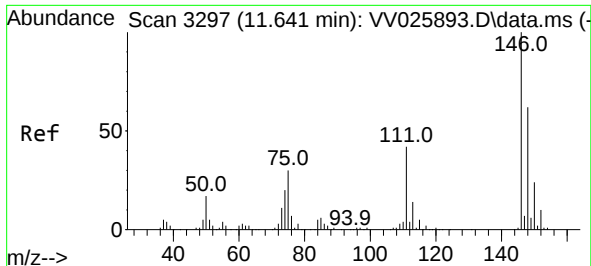
Tgt Ion:146 Resp: 136575
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.2 52.4
 148 61.6 42.6 79.0



#65
 1,4-Dichlorobenzene
 Concen: 4.814 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV025897.D
 Acq: 13 May 2022 18:53

Tgt Ion:146 Resp: 132822
 Ion Ratio Lower Upper
 146 100
 111 38.5 27.5 51.1
 148 63.8 44.7 82.9

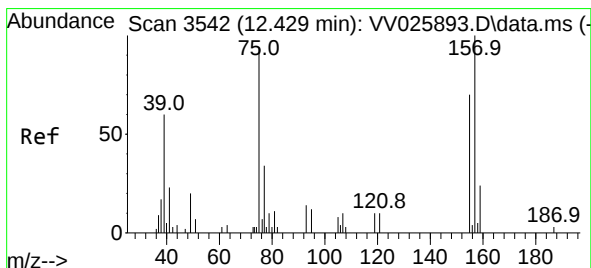
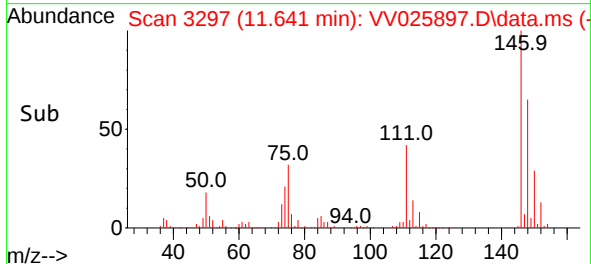
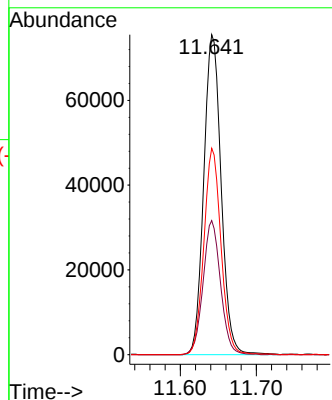
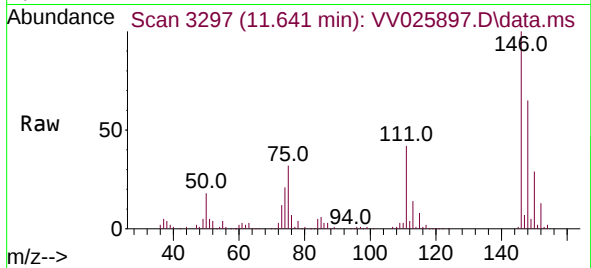




#67
1,2-Dichlorobenzene
Concen: 4.916 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

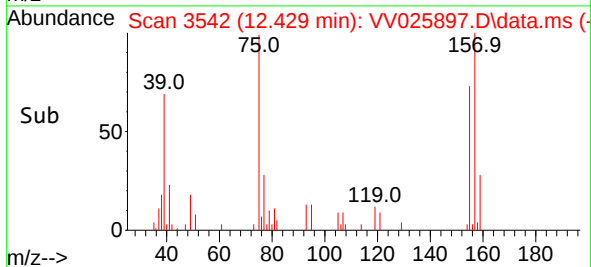
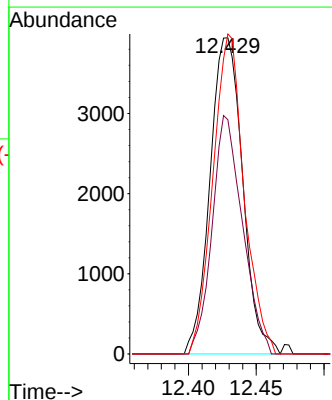
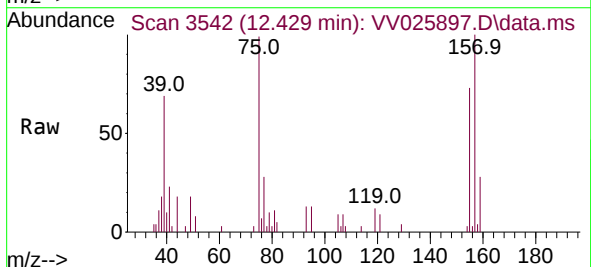
Instrument :
MSVOA_V
ClientSampleId :
VICV248

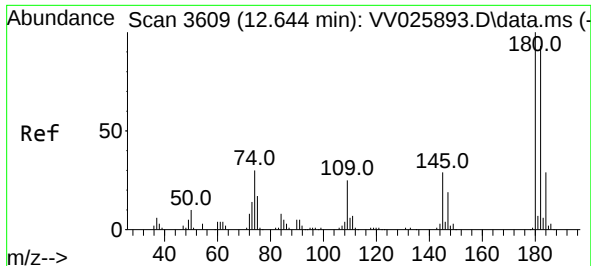
Tgt Ion:146 Resp: 119699
Ion Ratio Lower Upper
146 100
111 41.9 33.6 50.4
148 64.5 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.775 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion: 75 Resp: 6599
Ion Ratio Lower Upper
75 100
155 74.1 59.6 89.4
157 101.2 85.3 127.9

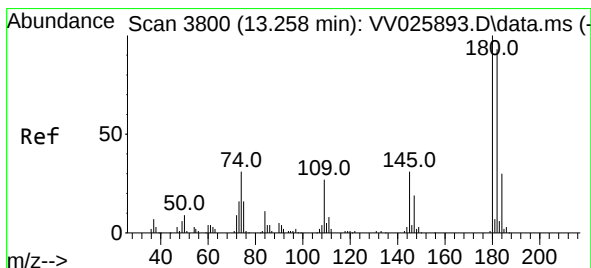
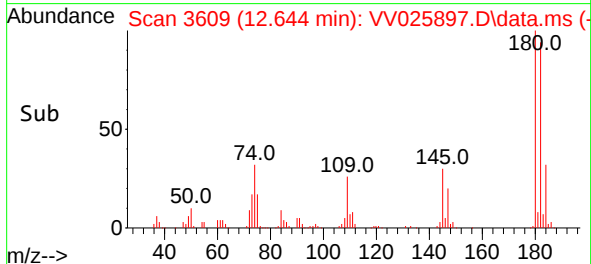
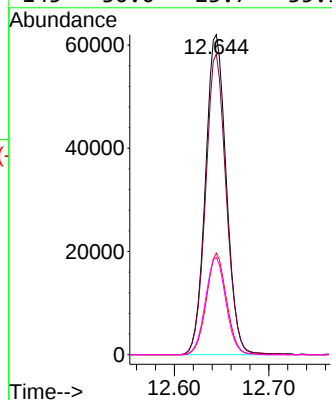
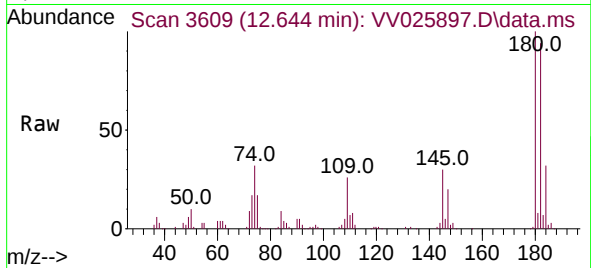




#69
1,3,5-Trichlorobenzene
Concen: 4.702 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

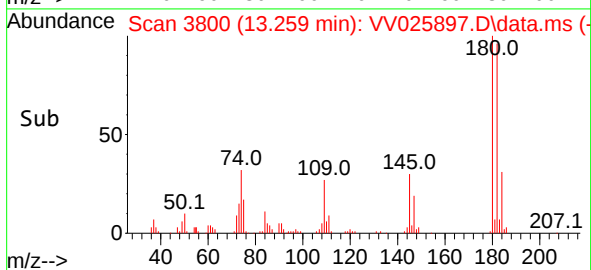
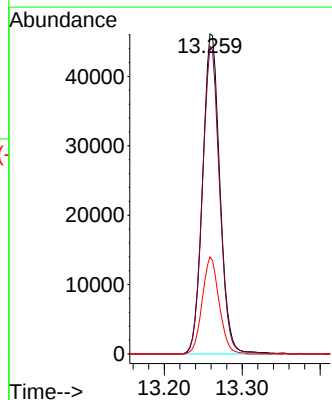
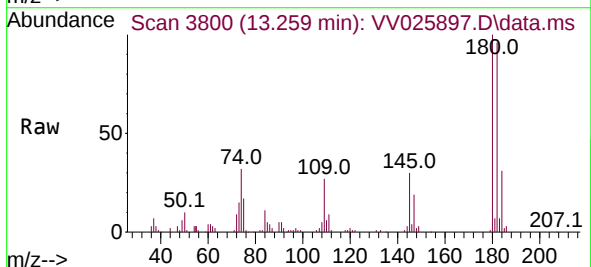
Instrument :
MSVOA_V
ClientSampleId :
VICV248

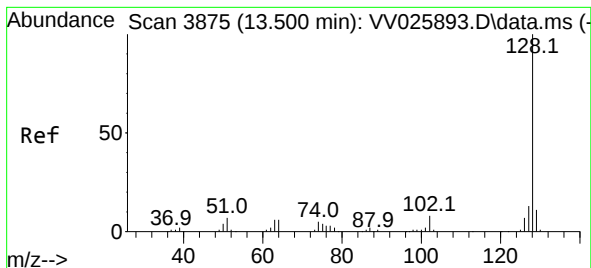
Tgt Ion:180	Resp:	94920
Ion Ratio	Lower	Upper
180	100	
182	92.8	74.3 111.5
184	30.7	23.5 35.3
145	30.0	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 4.626 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025897.D
Acq: 13 May 2022 18:53

Tgt Ion:180	Resp:	70840
Ion Ratio	Lower	Upper
180	100	
182	95.8	75.0 112.4
145	29.7	25.1 37.7





#71

Naphthalene

Concen: 4.440 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

VICV248

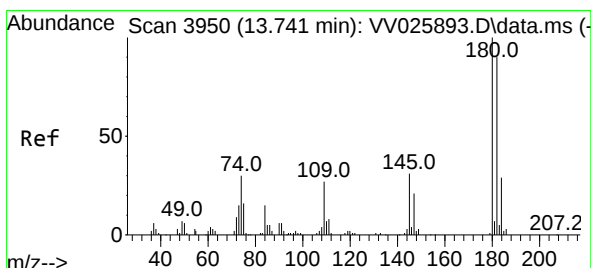
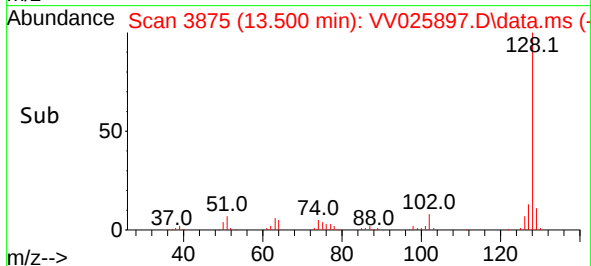
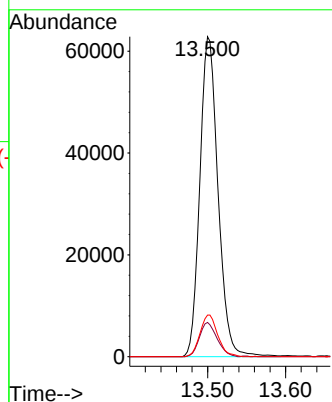
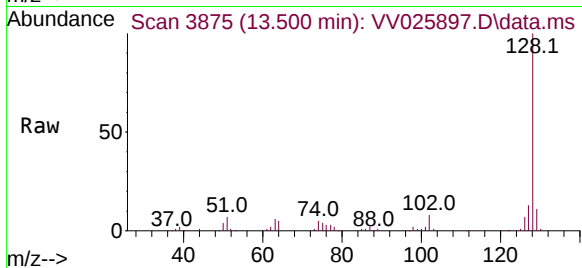
Tgt Ion:128 Resp: 101826

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

127 12.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.666 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025897.D

Acq: 13 May 2022 18:53

Tgt Ion:180 Resp: 61730

Ion Ratio Lower Upper

180 100

182 95.9 73.5 110.3

145 32.5 25.9 38.9

