

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027962.D
 Acq On : 20 Sep 2022 14:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

Quant Time: Sep 21 01:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	393472	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	386504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	212699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	166221	48.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.240%
7) Chloroethane-d5	1.555	69	129969	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	294255	48.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
21) 2-Butanone-d5	3.866	46	204860	99.735	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.740%
24) Chloroform-d	4.336	84	270041	46.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.021	65	170693	45.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.040	84	530783	47.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	6.063	67	158912	46.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	7.310	98	495637	48.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
43) trans-1,3-Dichloroprop...	7.615	79	87096	50.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.260%
47) 2-Hexanone-d5	8.082	63	175976	104.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	256915	50.741	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.480%
66) 1,2-Dichlorobenzene-d4	11.622	152	200038	48.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140555	47.235	ug/L	99
3) Chloromethane	1.236	50	166966	48.037	ug/L	99
5) Vinyl chloride	1.304	62	168172	47.587	ug/L	99
6) Bromomethane	1.503	94	112607	48.809	ug/L	99
8) Chloroethane	1.574	64	107202	47.898	ug/L	97
9) Trichlorofluoromethane	1.744	101	248319	47.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	139003	48.672	ug/L	99
12) 1,1-Dichloroethene	2.108	96	136181	47.702	ug/L	93
13) Acetone	2.153	43	159843	87.320	ug/L	99
14) Carbon disulfide	2.285	76	366509	48.517	ug/L	99
15) Methyl Acetate	2.420	43	157139	49.695	ug/L	99
16) Methylene chloride	2.497	84	153012	45.713	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	132683	48.833	ug/L	99
18) Methyl tert-butyl Ether	2.760	73	422530	49.539	ug/L	100
19) 1,1-Dichloroethane	3.178	63	246202	46.907	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	146814	48.447	ug/L	98
22) 2-Butanone	3.950	43	209004	95.913	ug/L	100
23) Bromochloromethane	4.236	128	78017	47.703	ug/L	97
25) Chloroform	4.362	83	256660	45.802	ug/L	98

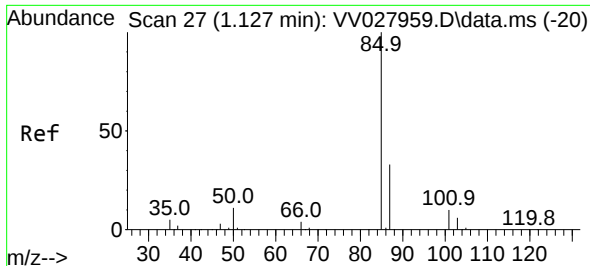
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 QLast Update : Wed Sep 21 01:43:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	200876	46.222	ug/L	100
29) Cyclohexane	4.667	56	205819	48.781	ug/L	94
30) 1,1,1-Trichloroethane	4.596	97	230116	48.364	ug/L	99
31) Carbon tetrachloride	4.818	117	200714	47.502	ug/L	99
33) Benzene	5.088	78	551902	47.862	ug/L	100
34) Trichloroethene	5.905	95	134855	47.194	ug/L	98
35) Methylcyclohexane	6.124	83	225358	48.864	ug/L	97
37) 1,2-Dichloropropane	6.165	63	135344	44.744	ug/L	98
38) Bromodichloromethane	6.503	83	193438	45.798	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	212064	46.297	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	417362	96.742	ug/L	99
42) Toluene	7.381	91	608821	49.824	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	234210	51.254	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	151695	49.711	ug/L	98
46) Tetrachloroethene	7.969	164	115040	48.389	ug/L	100
48) 2-Hexanone	8.133	43	370696	105.911	ug/L	100
49) Dibromochloromethane	8.239	129	162840	48.339	ug/L	95
50) 1,2-Dibromoethane	8.345	107	154795	49.464	ug/L	98
51) Chlorobenzene	8.876	112	400563	49.105	ug/L	99
52) Ethylbenzene	9.008	91	666049	50.490	ug/L	100
53) m,p-Xylene	9.133	106	256321	50.677	ug/L	98
54) o-Xylene	9.538	106	251638	51.563	ug/L	98
55) Styrene	9.554	104	449492	51.906	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	257032	50.219	ug/L	98
59) Bromoform	9.725	173	124974	50.775	ug/L	98
60) Isopropylbenzene	9.927	105	669337	53.209	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	205795	51.543	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	566405	52.653	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	569533	53.088	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	318258	49.638	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	320755	48.829	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	325496	49.961	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	61590	50.200	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	242112	48.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	214833	47.682	ug/L	99
71) Naphthalene	13.496	128	766751	53.008	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	233658	50.212	ug/L	99

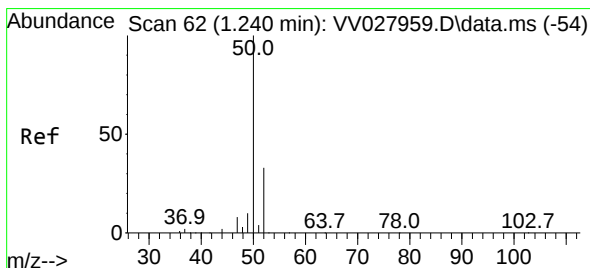
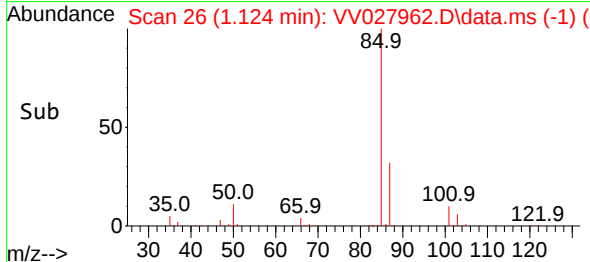
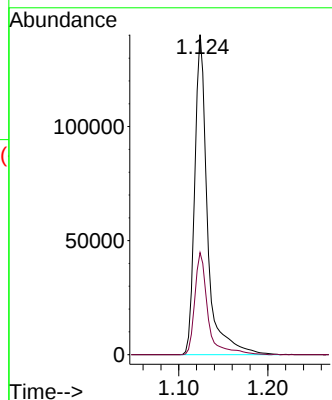
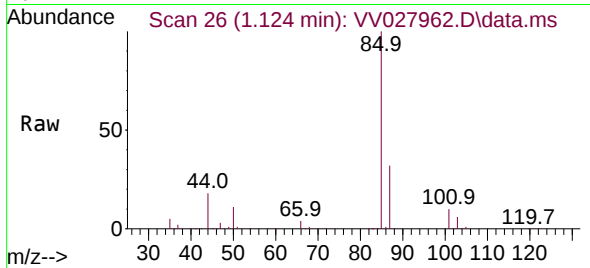
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#2
 Dichlorodifluoromethane
 Concen: 47.235 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

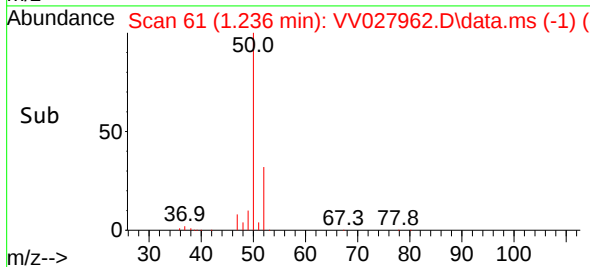
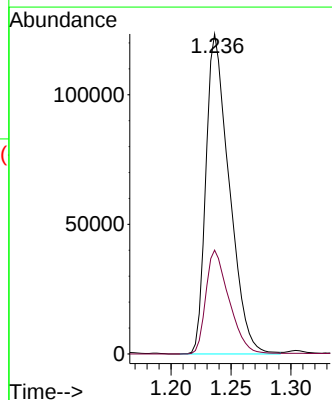
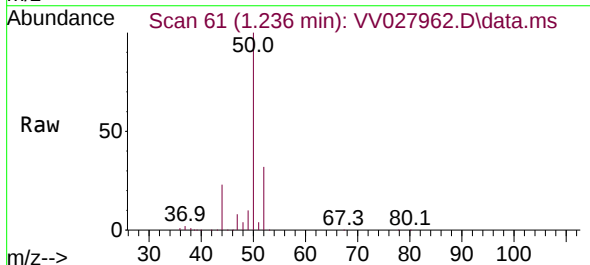
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

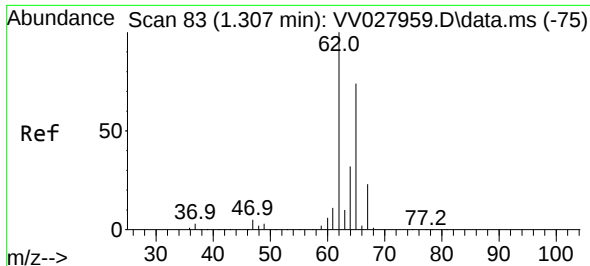
Tgt Ion: 85 Resp: 140555
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 48.037 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

Tgt Ion: 50 Resp: 166966
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.0

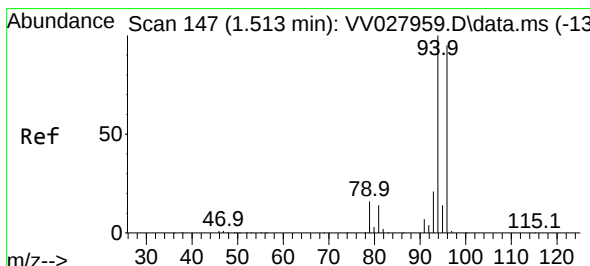
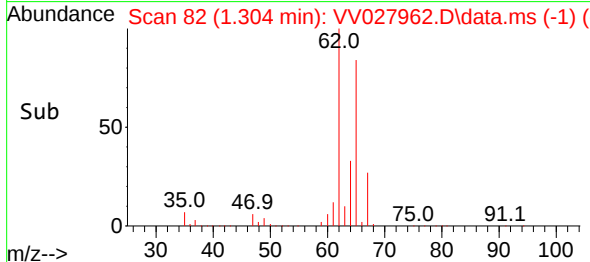
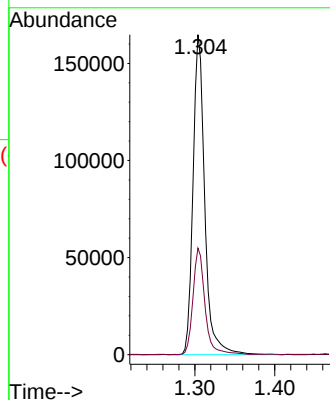
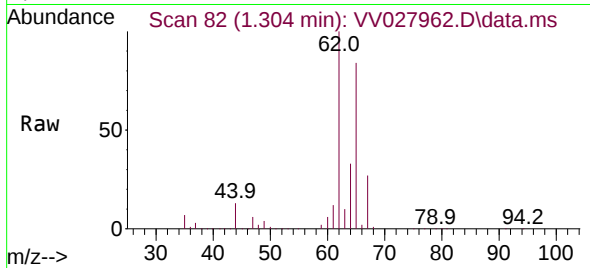




#5
 Vinyl chloride
 Concen: 47.587 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

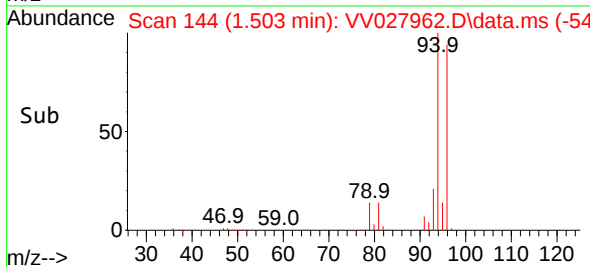
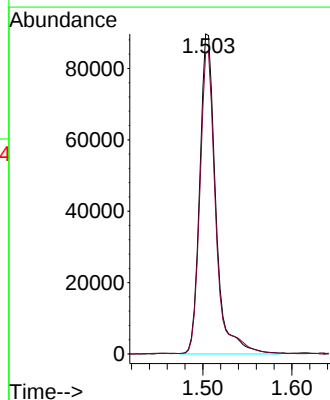
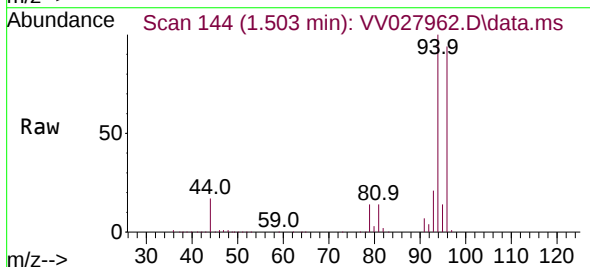
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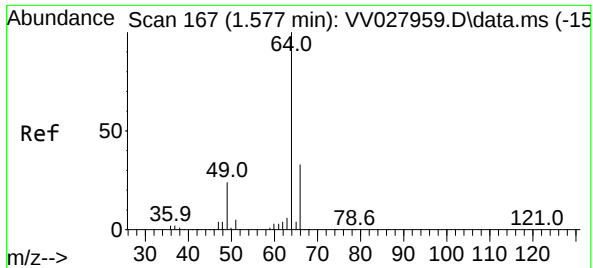
Tgt Ion: 62 Resp: 168172
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#6
 Bromomethane
 Concen: 48.809 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.010 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

Tgt Ion: 94 Resp: 112607
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.4 123.2

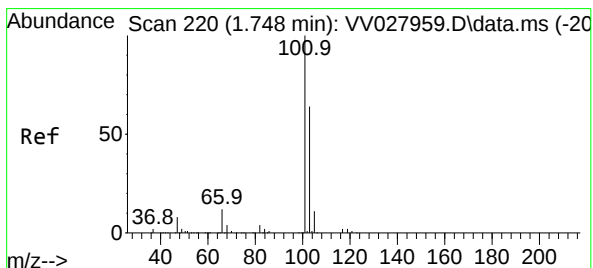
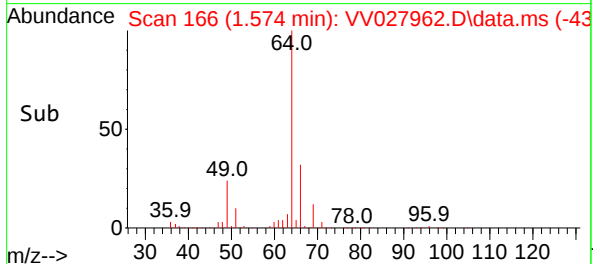
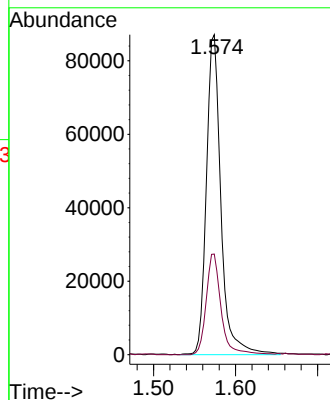
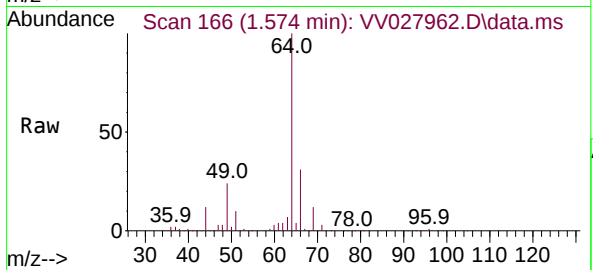




#8
Chloroethane
Concen: 47.898 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

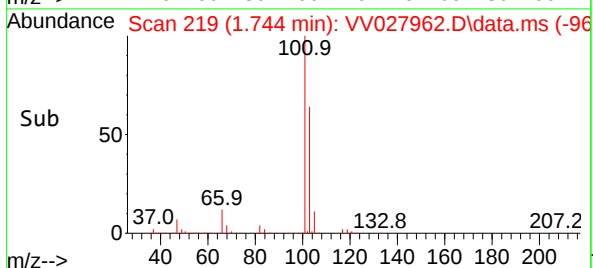
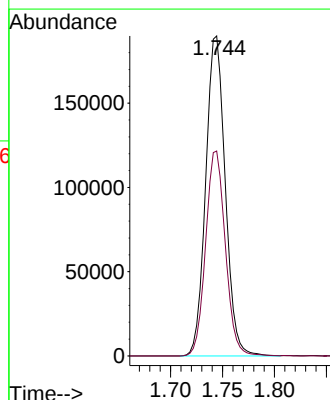
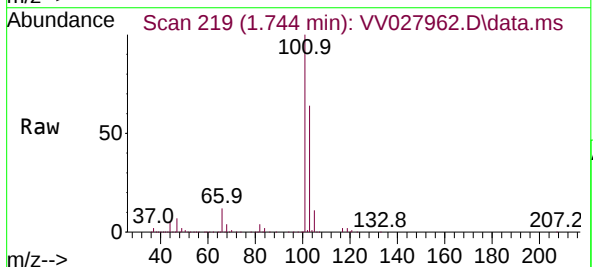
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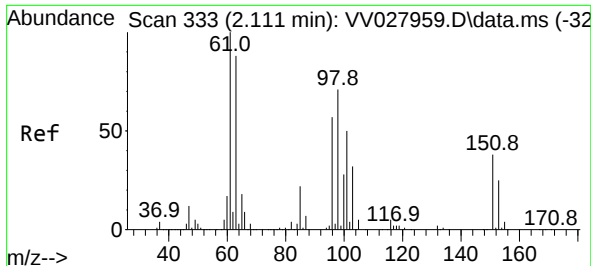
Tgt Ion: 64 Resp: 107202
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.700 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:101 Resp: 248319
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

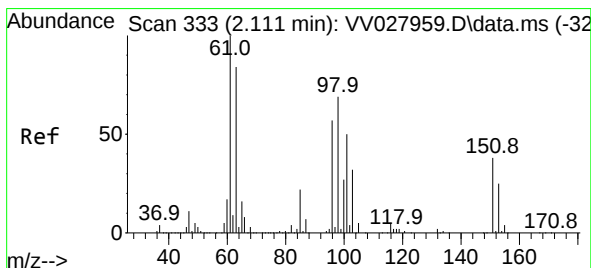
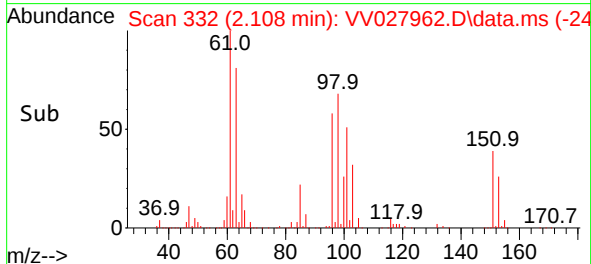
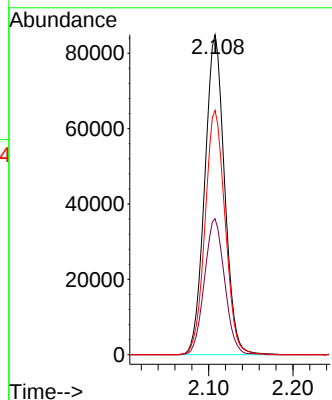
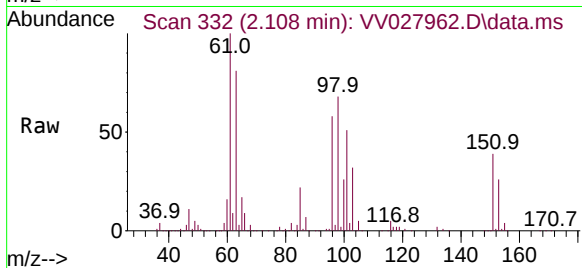




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.672 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

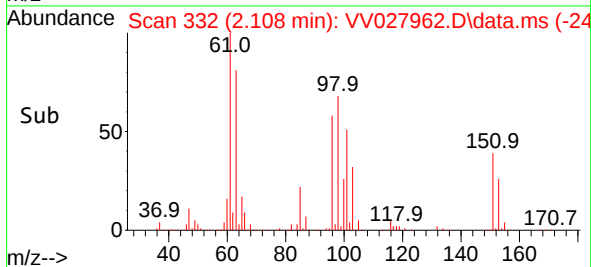
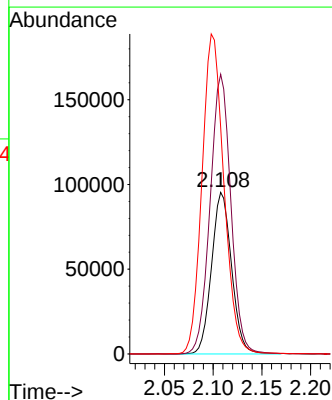
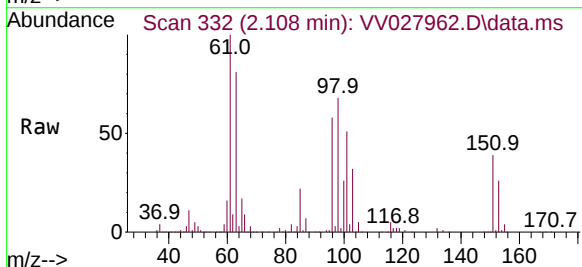
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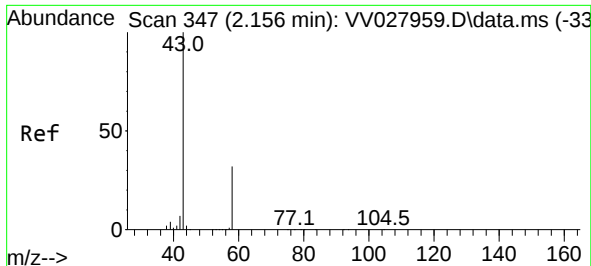
Tgt Ion:101 Resp: 139003
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.6 53.4
 151 77.6 62.2 93.4



#12
 1,1-Dichloroethene
 Concen: 47.702 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

Tgt Ion: 96 Resp: 136181
 Ion Ratio Lower Upper
 96 100
 61 173.0 123.7 229.7
 63 140.1 108.6 201.6





#13

Acetone

Concen: 87.320 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

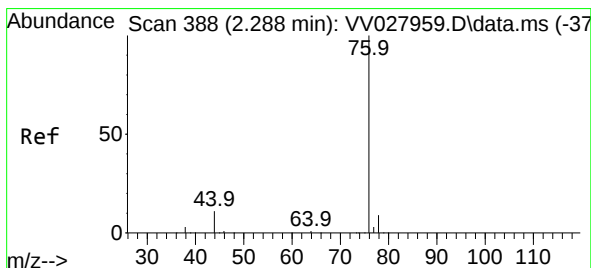
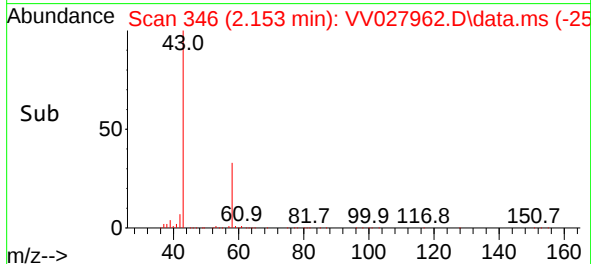
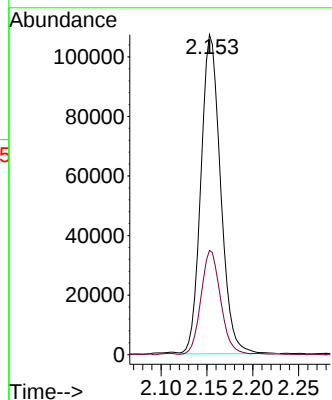
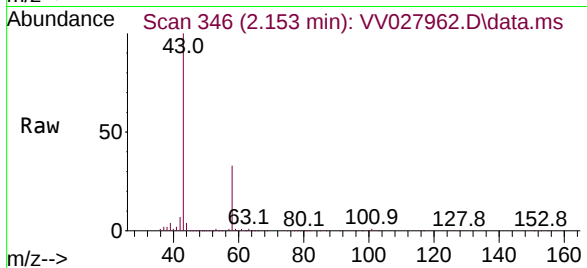
VICV263

Tgt Ion: 43 Resp: 159843

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.2



#14

Carbon disulfide

Concen: 48.517 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027962.D

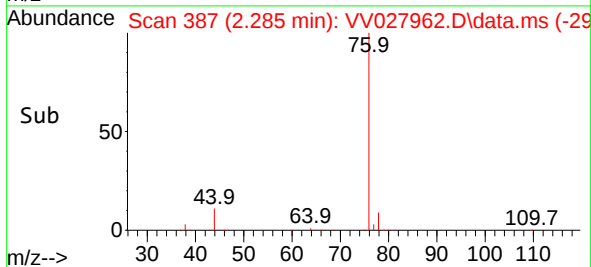
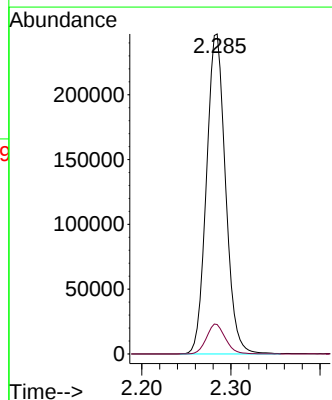
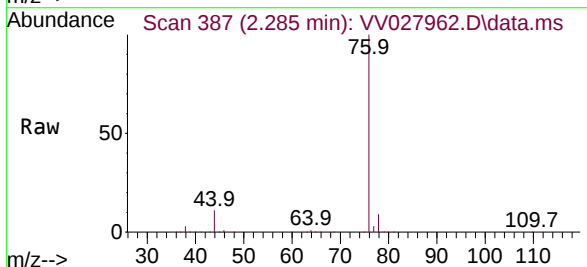
Acq: 20 Sep 2022 14:37

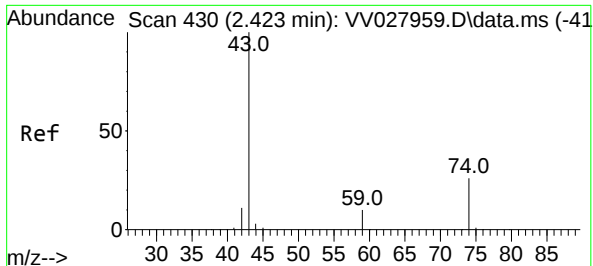
Tgt Ion: 76 Resp: 366509

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

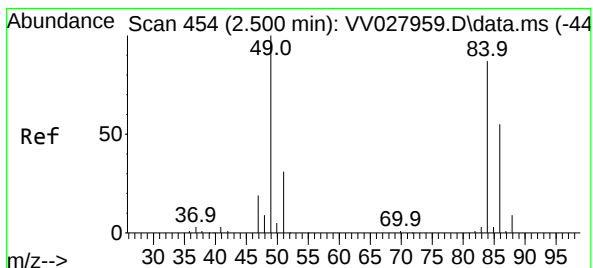
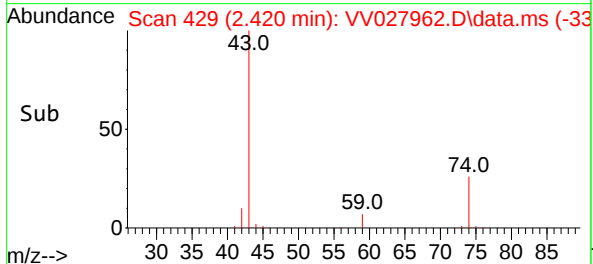
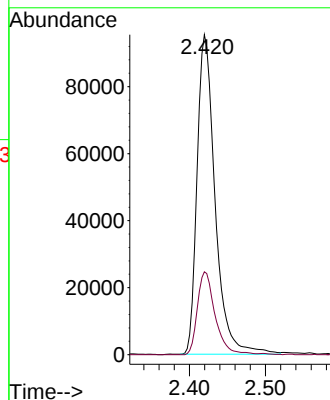
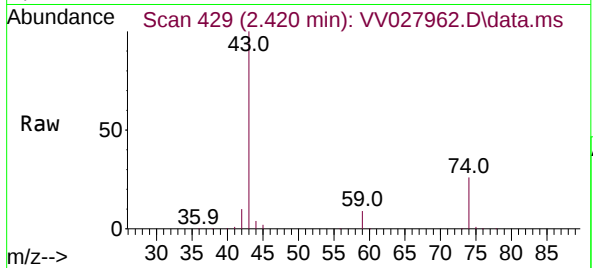




#15
Methyl Acetate
Concen: 49.695 ug/L
RT: 2.420 min Scan# 431
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

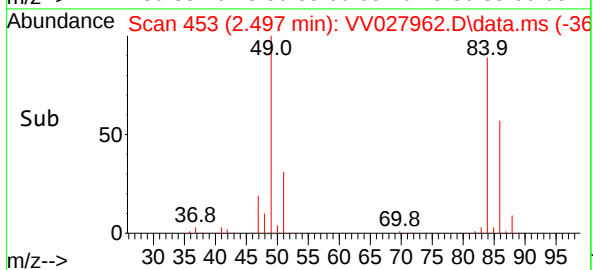
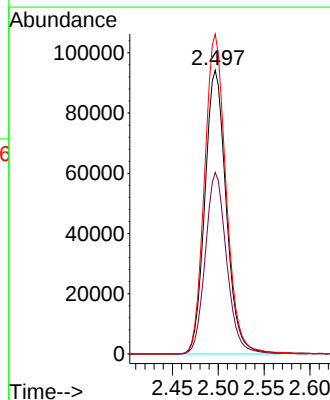
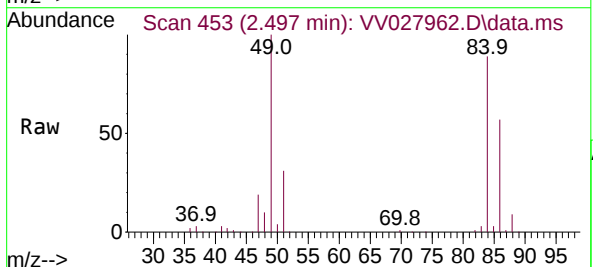
Instrument :
MSVOA_V
ClientSampleId :
VICV263

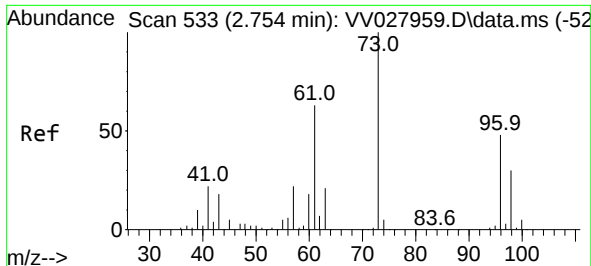
Tgt Ion: 43 Resp: 157139
Ion Ratio Lower Upper
43 100
74 25.5 20.9 31.3



#16
Methylene chloride
Concen: 45.713 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 84 Resp: 153012
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.2
49 112.8 80.8 150.0

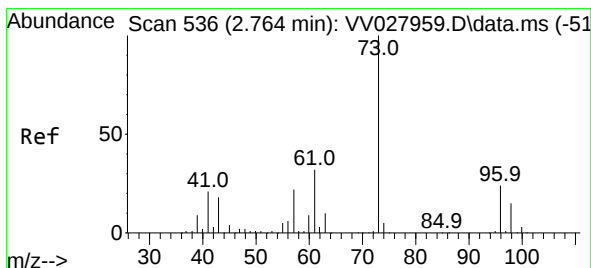
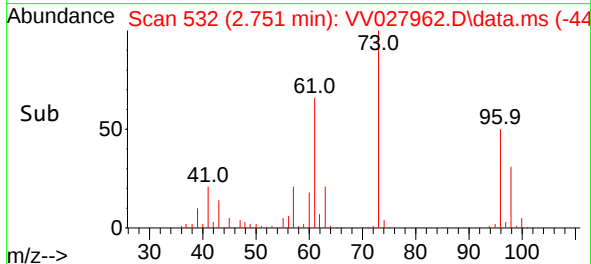
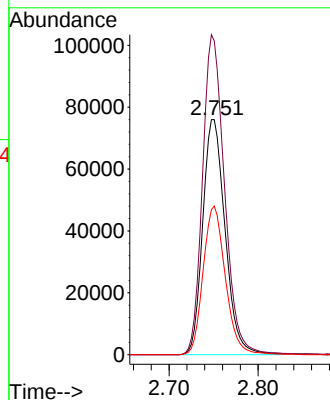
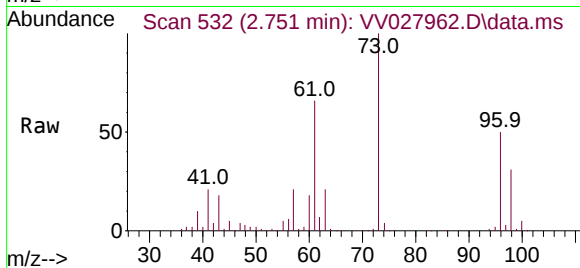




#17
trans-1,2-Dichloroethene
Concen: 48.833 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

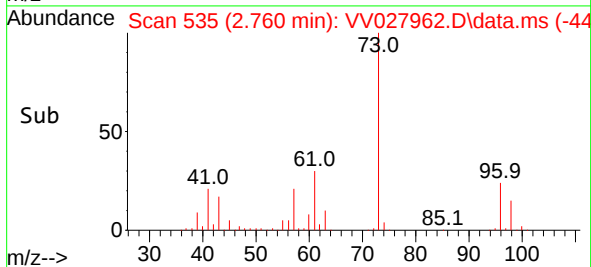
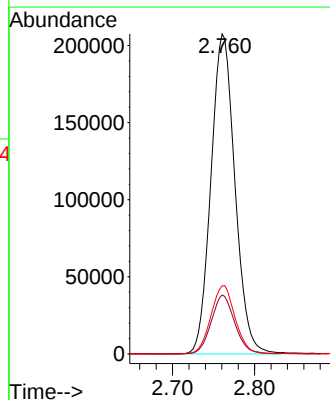
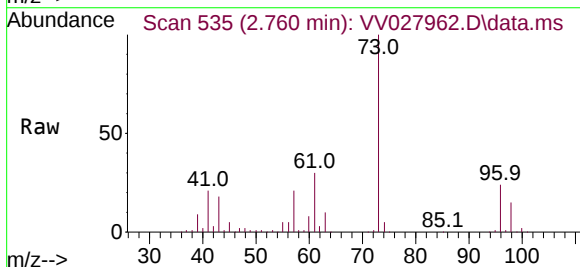
Instrument :
MSVOA_V
ClientSampleId :
VICV263

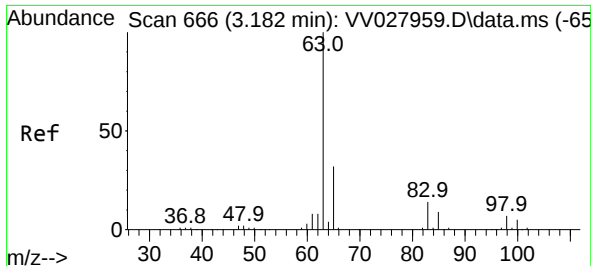
Tgt Ion: 96 Resp: 132683
Ion Ratio Lower Upper
96 100
61 133.6 92.3 171.5
98 63.3 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 49.539 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 73 Resp: 422530
Ion Ratio Lower Upper
73 100
43 17.8 14.5 21.7
57 21.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 46.907 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

VICV263

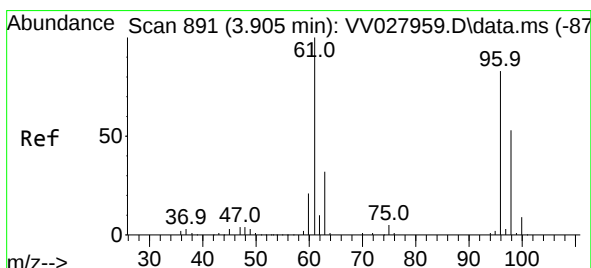
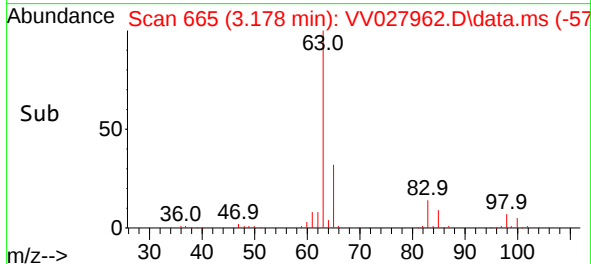
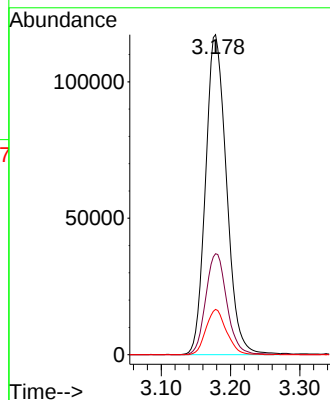
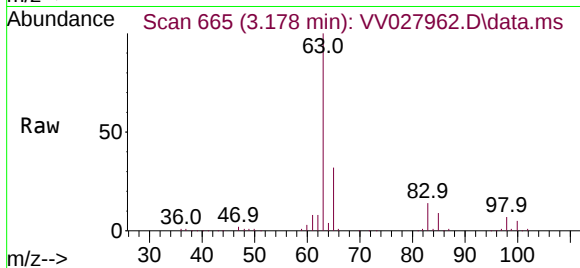
Tgt Ion: 63 Resp: 246202

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

83 14.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 48.447 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.007 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

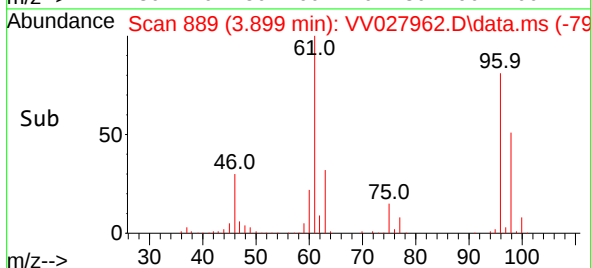
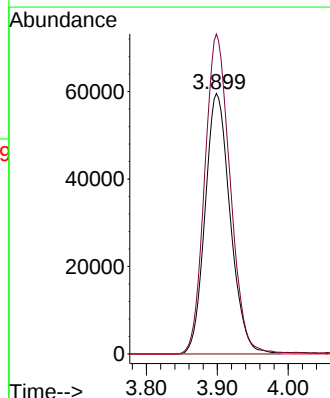
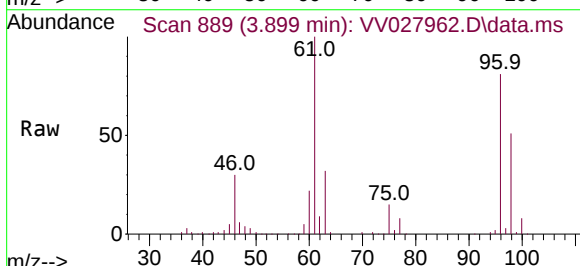
Tgt Ion: 96 Resp: 146814

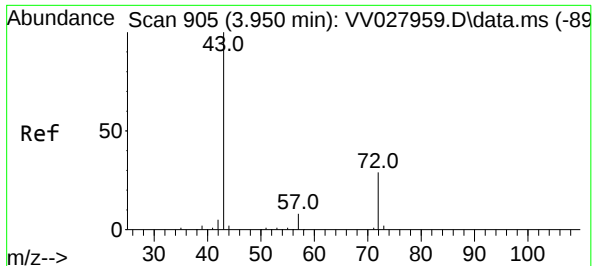
Ion Ratio Lower Upper

96 100

61 122.9 84.4 156.8

68 0.0 0.0 0.0

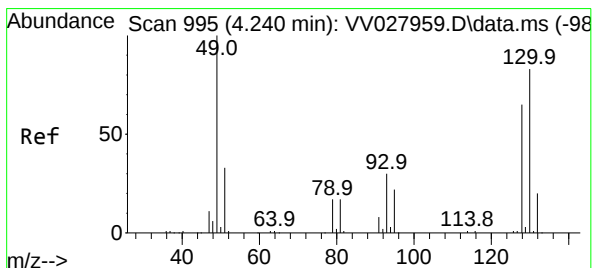
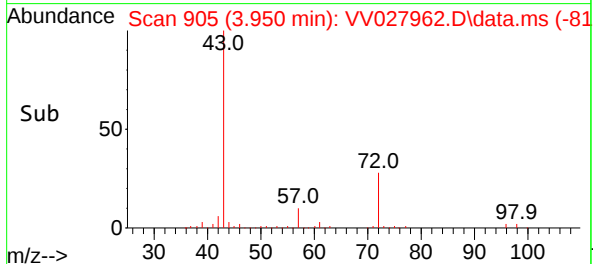
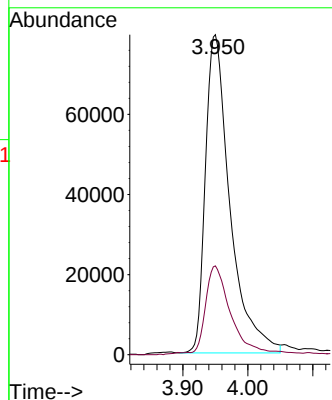
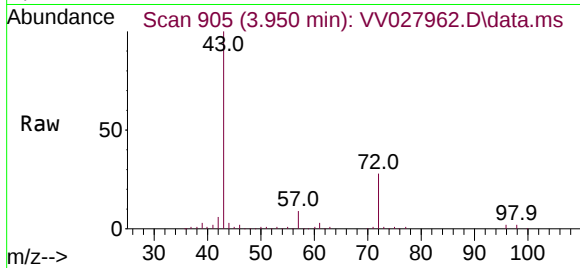




#22
2-Butanone
Concen: 95.913 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

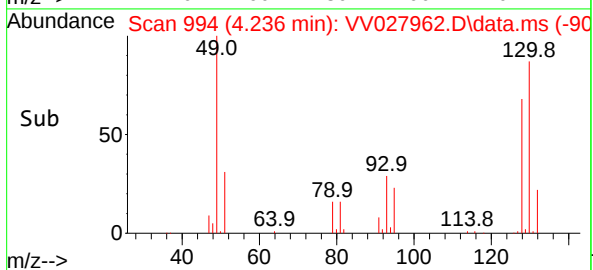
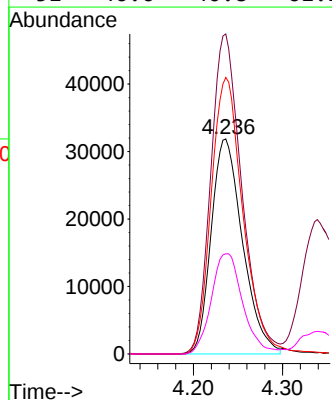
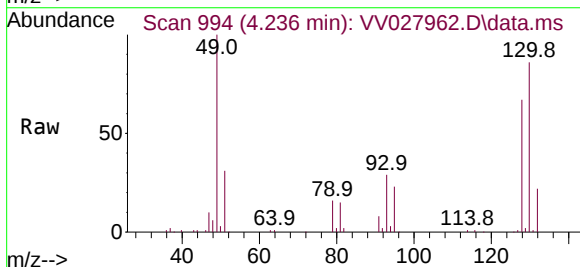
Instrument :
MSVOA_V
ClientSampleId :
VICV263

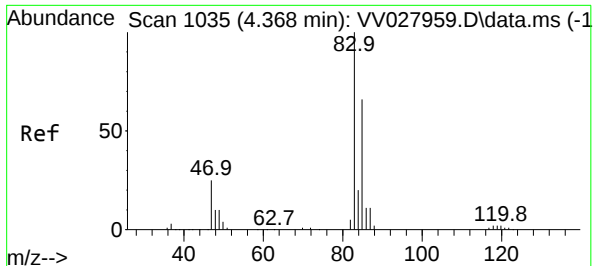
Tgt Ion: 43 Resp: 209004
Ion Ratio Lower Upper
43 100
72 26.7 13.5 40.4



#23
Bromochloromethane
Concen: 47.703 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 128 Resp: 78017
Ion Ratio Lower Upper
128 100
49 148.8 107.0 198.6
130 128.6 88.3 164.1
51 46.6 40.8 61.2





#25

Chloroform

Concen: 45.802 ug/L

RT: 4.362 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

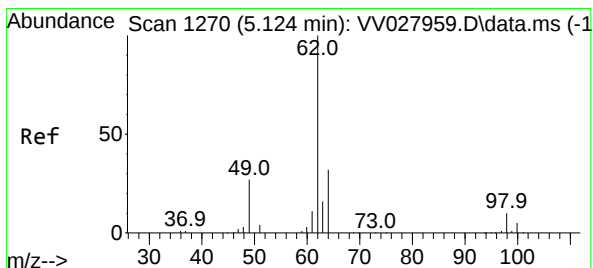
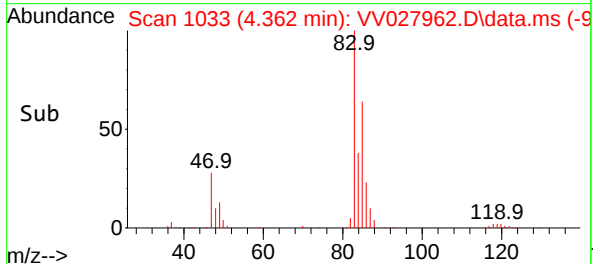
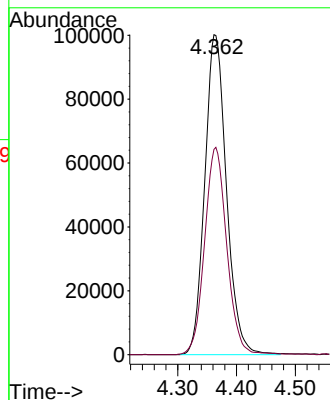
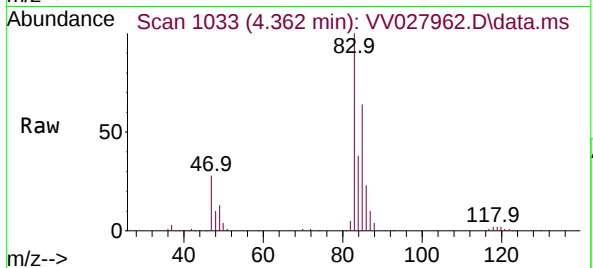
VICV263

Tgt Ion: 83 Resp: 256660

Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 46.222 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV027962.D

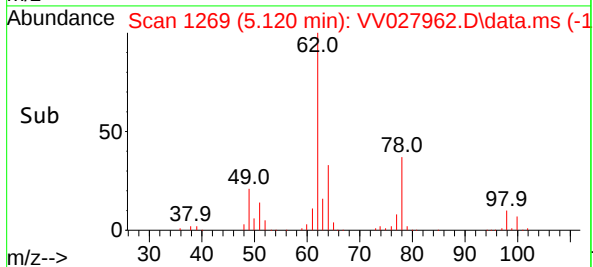
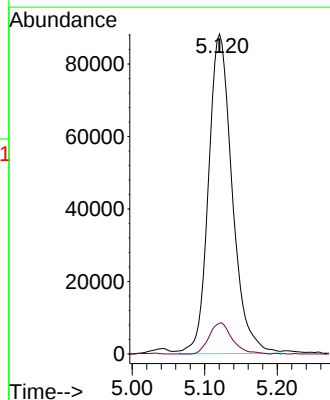
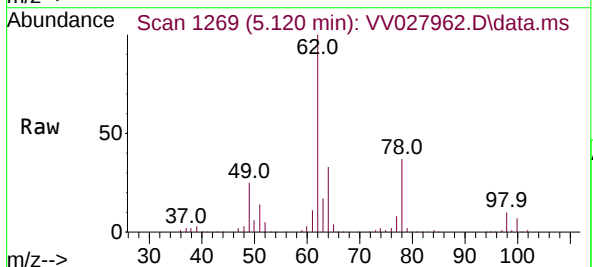
Acq: 20 Sep 2022 14:37

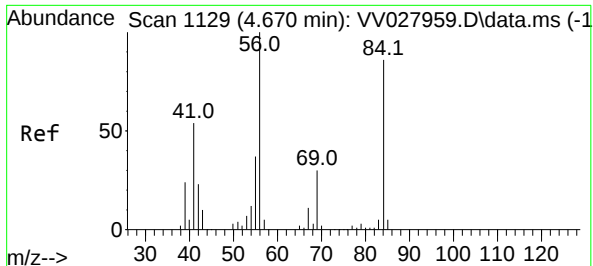
Tgt Ion: 62 Resp: 200876

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4





#29

Cyclohexane

Concen: 48.781 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

VICV263

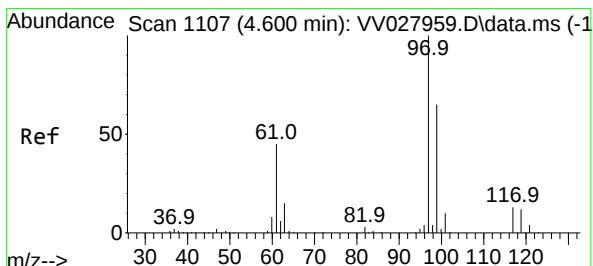
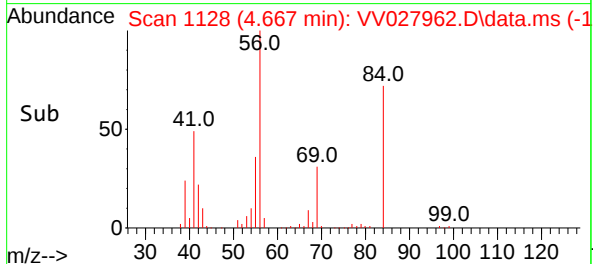
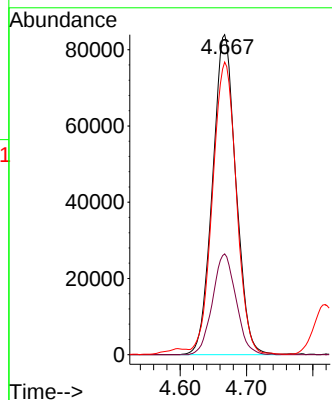
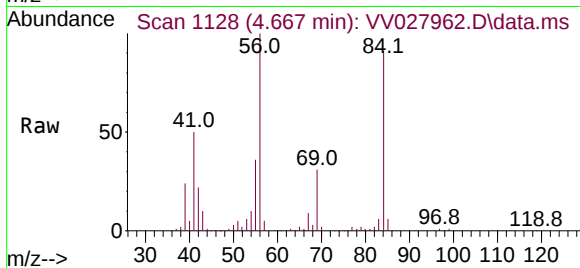
Tgt Ion: 56 Resp: 205819

Ion Ratio Lower Upper

56 100

69 31.5 24.6 36.8

84 92.8 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 48.364 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

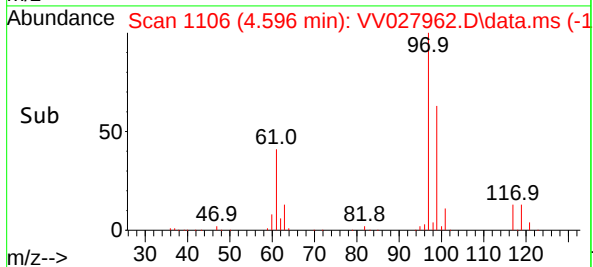
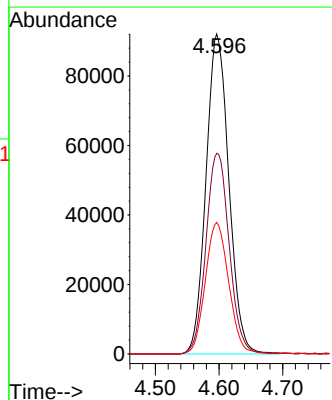
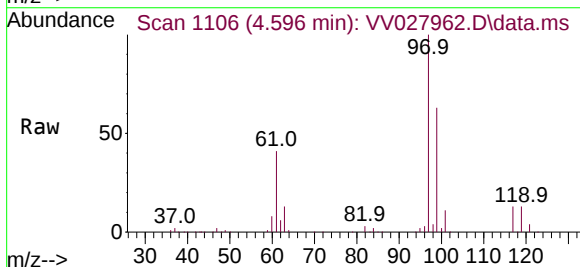
Tgt Ion: 97 Resp: 230116

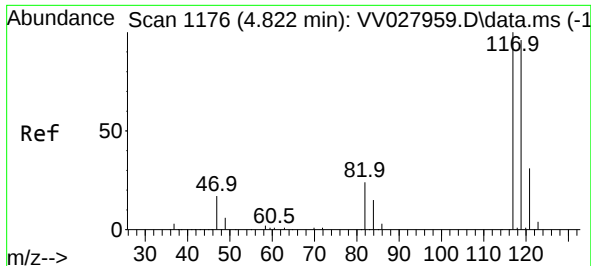
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 42.1 35.2 52.8

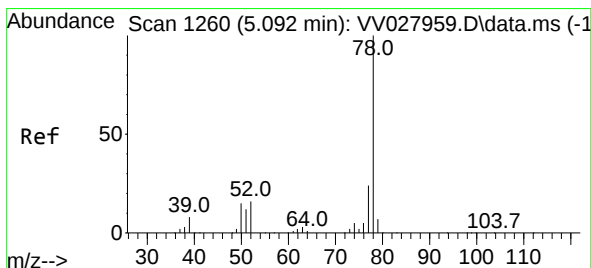
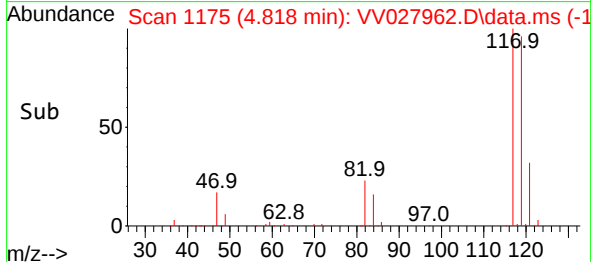
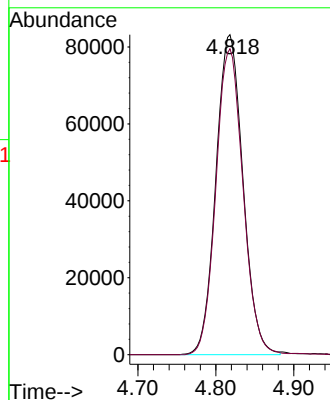
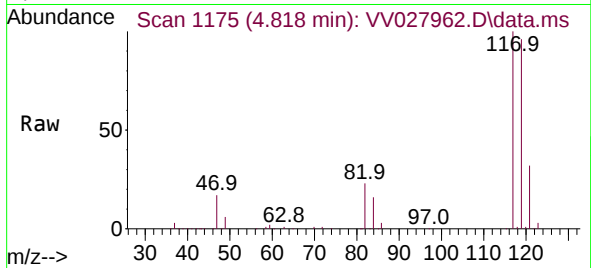




#31
Carbon tetrachloride
Concen: 47.502 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

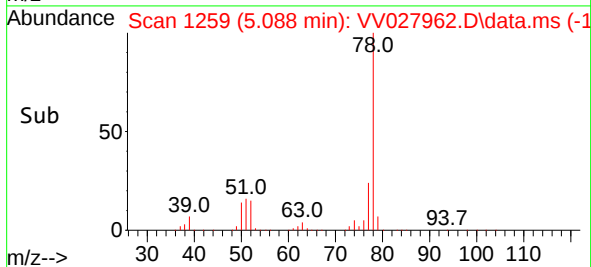
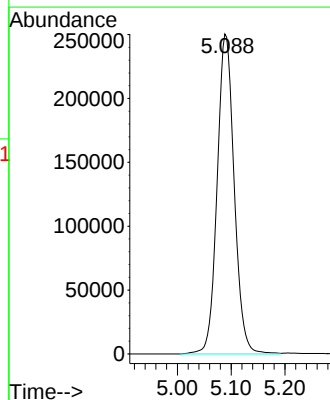
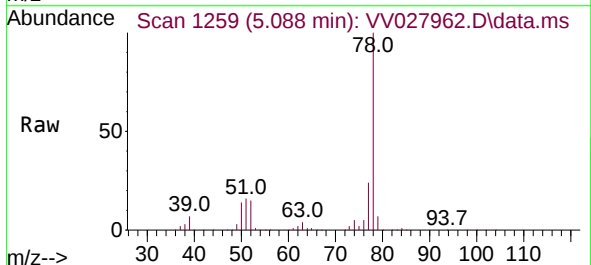
Instrument :
MSVOA_V
ClientSampleId :
VICV263

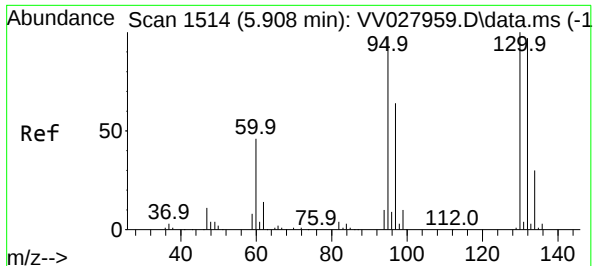
Tgt Ion:117 Resp: 200714
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4



#33
Benzene
Concen: 47.862 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 78 Resp: 551902

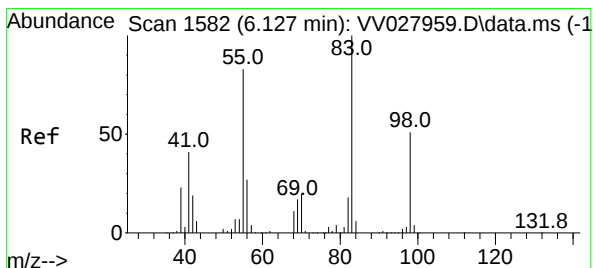
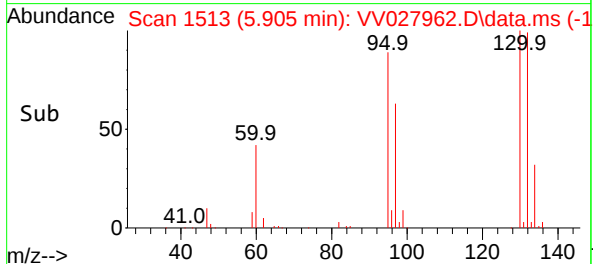
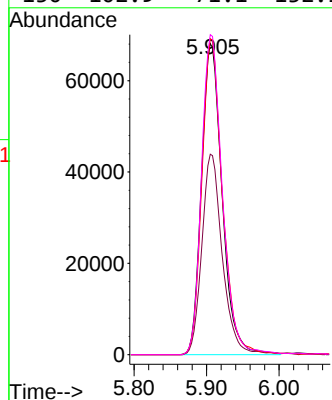
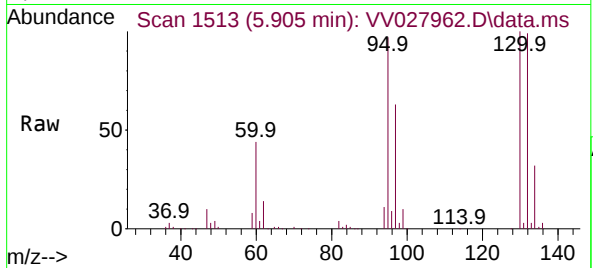




#34
Trichloroethene
Concen: 47.194 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

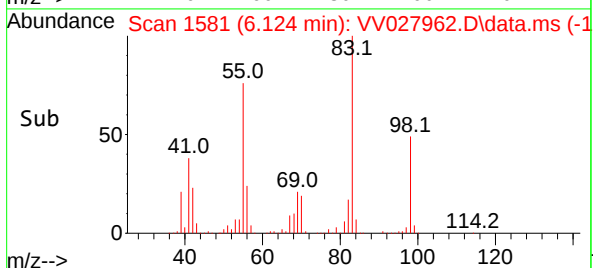
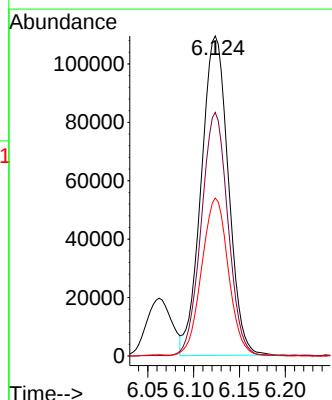
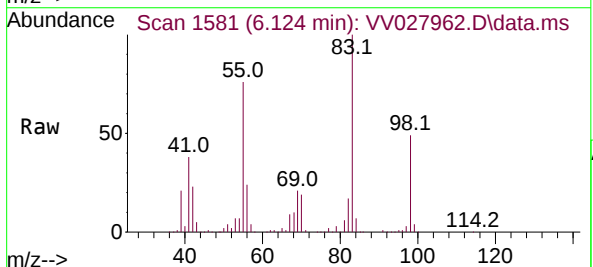
Instrument :
MSVOA_V
ClientSampleId :
VICV263

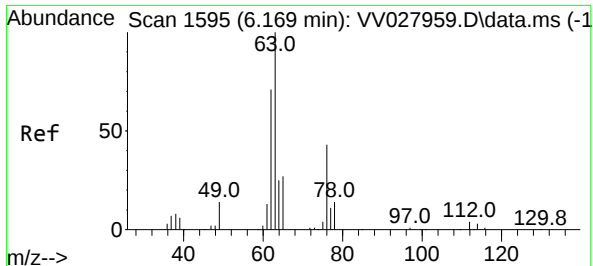
Tgt Ion: 95 Resp: 134855
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 101.6 69.2 128.6
130 102.9 71.1 132.1



#35
Methylcyclohexane
Concen: 48.864 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 83 Resp: 225358
Ion Ratio Lower Upper
83 100
55 74.8 63.0 94.4
98 48.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 44.744 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

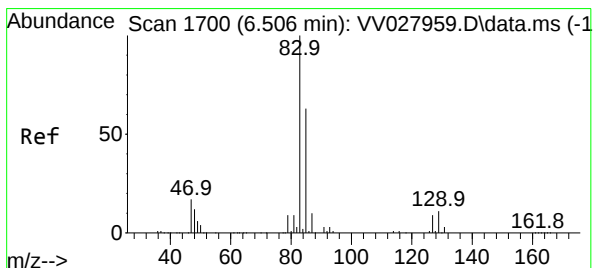
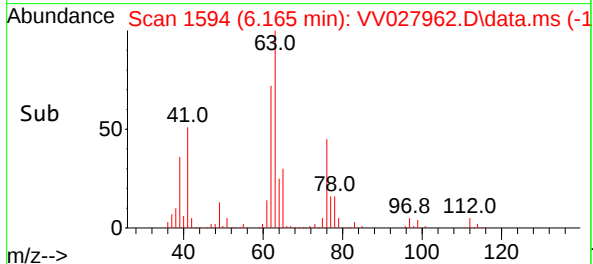
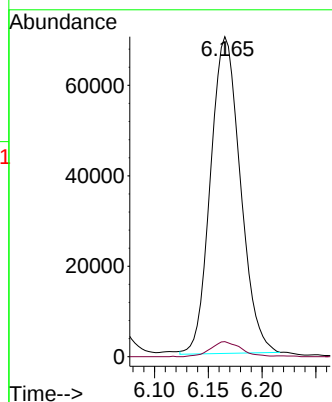
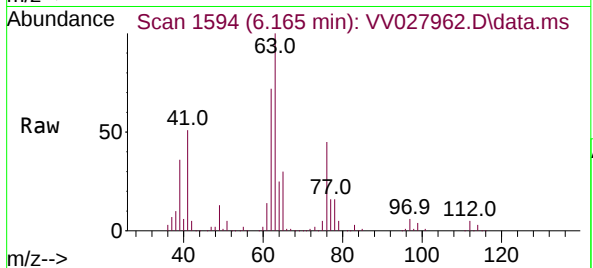
VICV263

Tgt Ion: 63 Resp: 135344

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



#38

Bromodichloromethane

Concen: 45.798 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

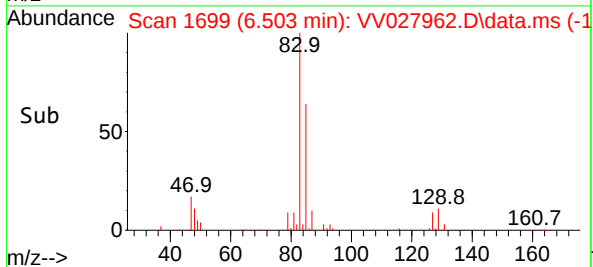
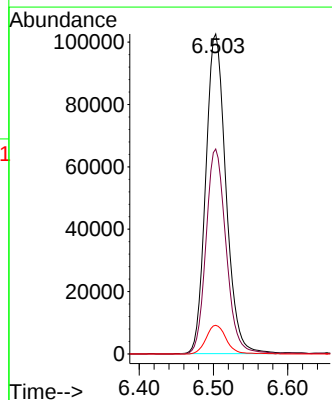
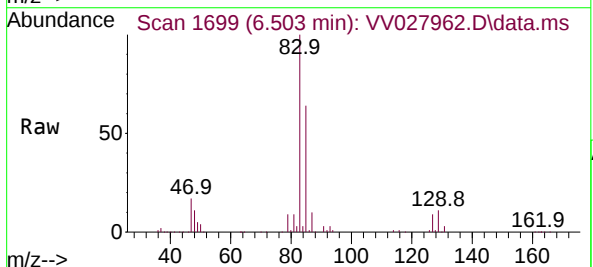
Tgt Ion: 83 Resp: 193438

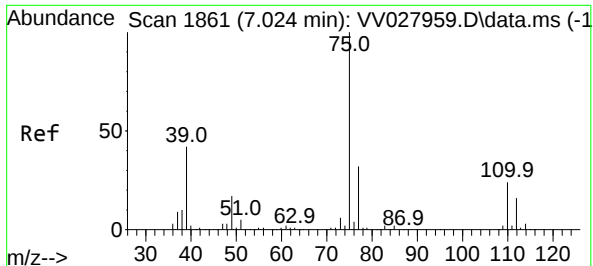
Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.0

127 9.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 46.297 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

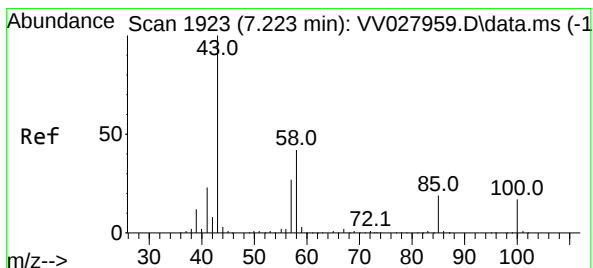
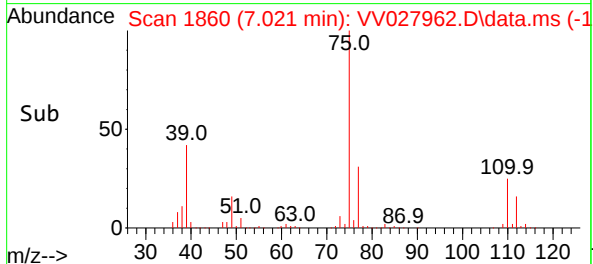
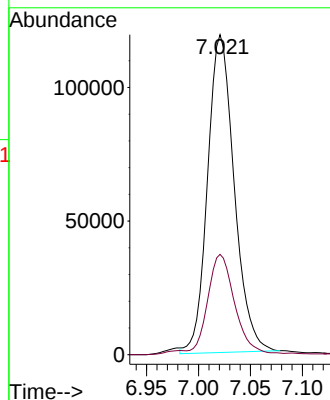
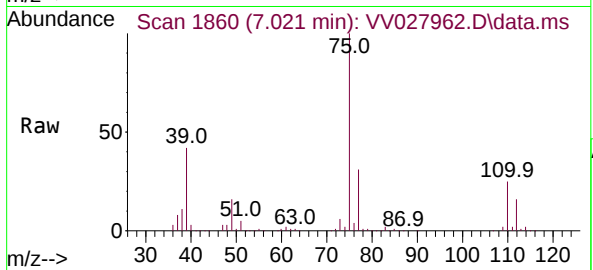
VICV263

Tgt Ion: 75 Resp: 212064

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 96.742 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

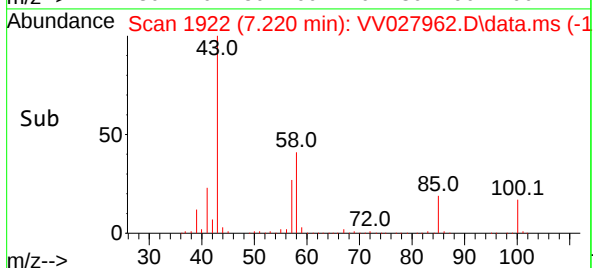
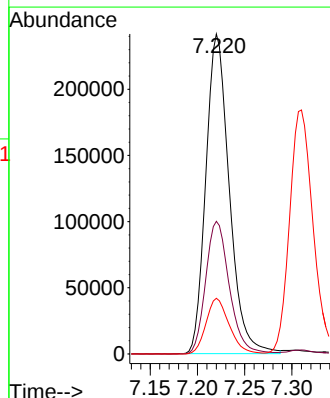
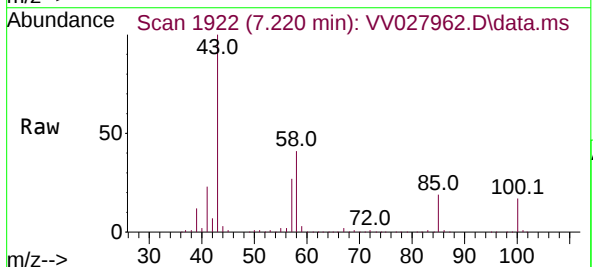
Tgt Ion: 43 Resp: 417362

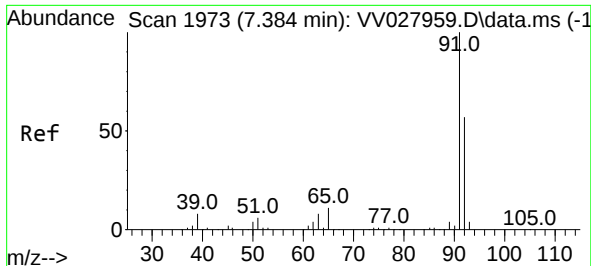
Ion Ratio Lower Upper

43 100

58 41.9 33.0 49.4

100 17.2 13.3 19.9

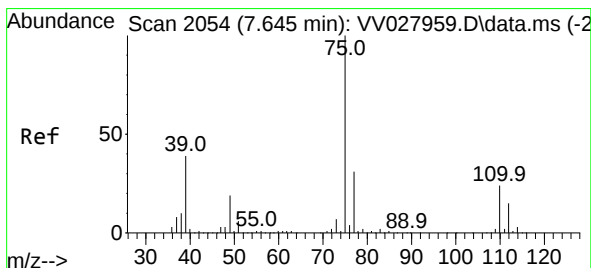
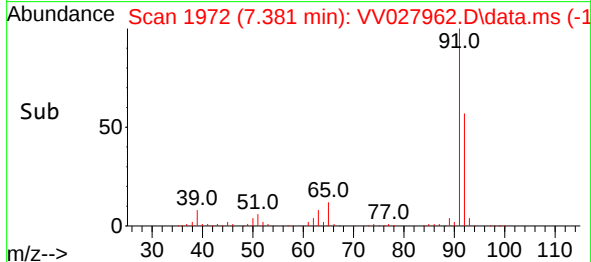
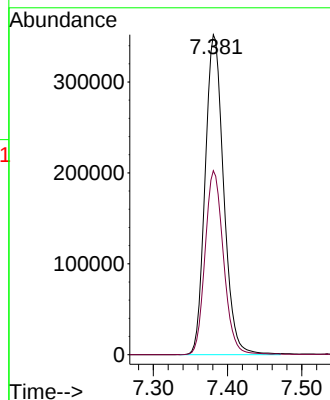
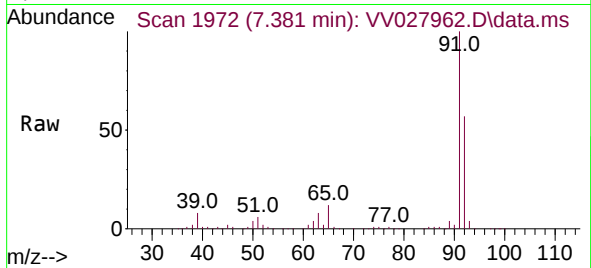




#42
Toluene
Concen: 49.824 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

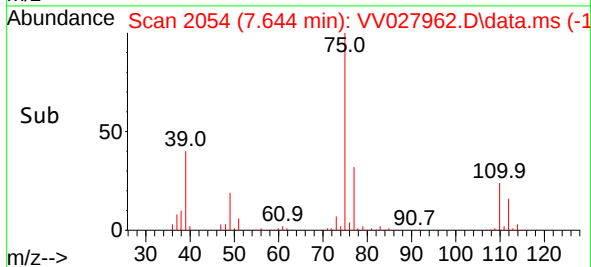
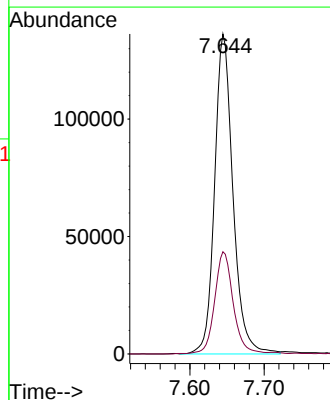
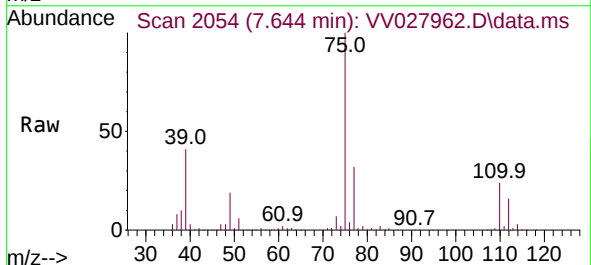
Instrument :
MSVOA_V
ClientSampleId :
VICV263

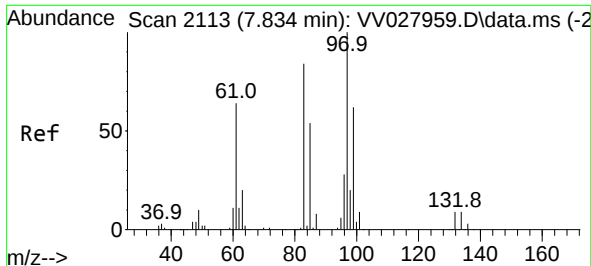
Tgt Ion: 91 Resp: 608821
Ion Ratio Lower Upper
91 100
92 57.5 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 51.254 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 75 Resp: 234210
Ion Ratio Lower Upper
75 100
77 31.9 21.4 39.8

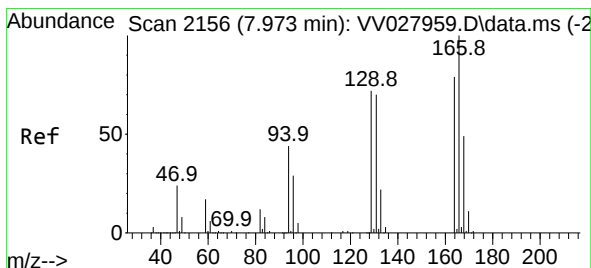
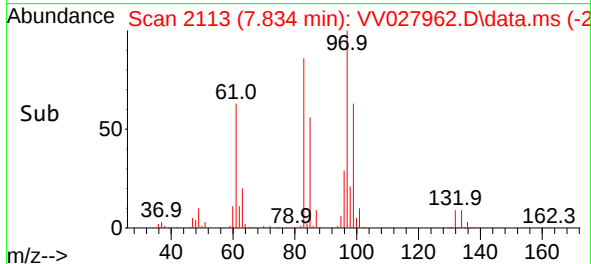
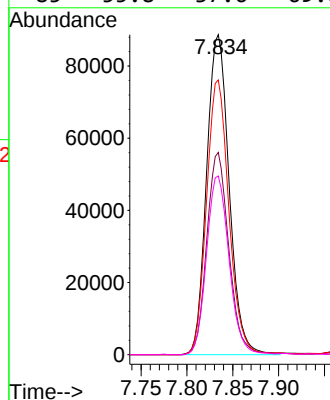
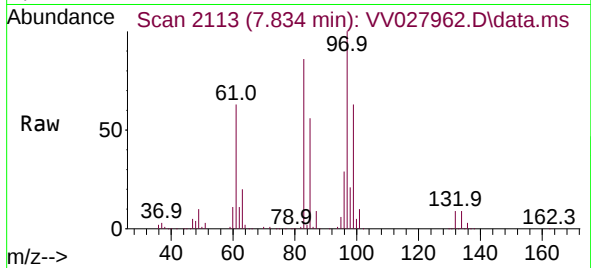




#45
1,1,2-Trichloroethane
Concen: 49.711 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

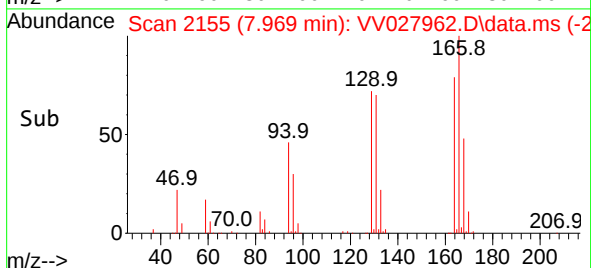
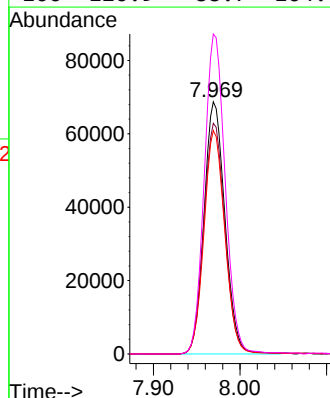
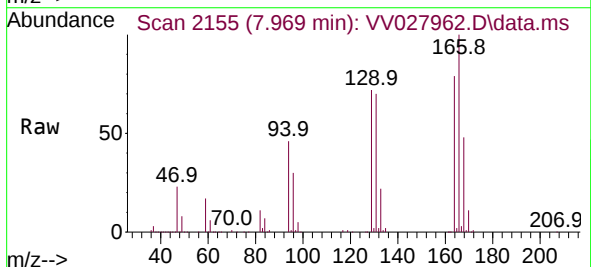
Instrument :
MSVOA_V
ClientSampleId :
VICV263

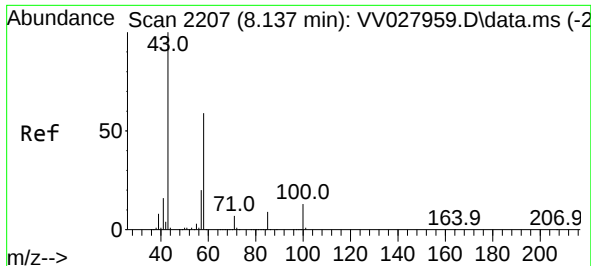
Tgt Ion:	97	Resp:	151695
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	85.9	58.7	109.1
85	55.8	37.6	69.8



#46
Tetrachloroethene
Concen: 48.389 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:	164	Resp:	115040
Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.3	119.3
131	88.6	62.6	116.2
166	126.9	88.7	164.7



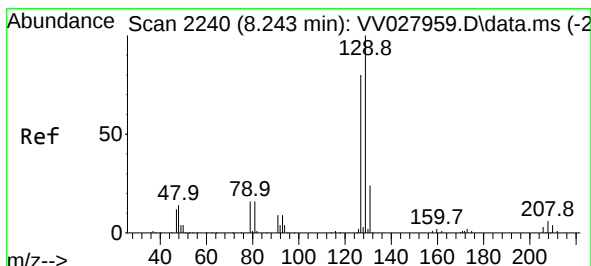
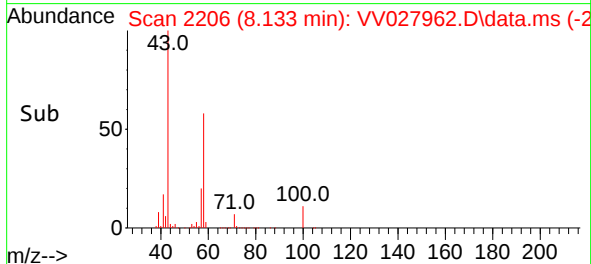
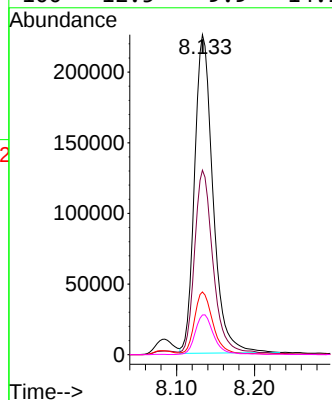
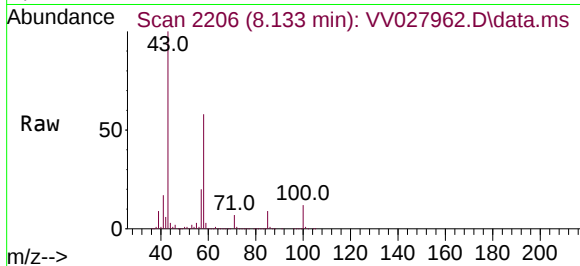


#48
2-Hexanone
Concen: 105.911 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Instrument :
MSVOA_V
ClientSampleId :
VICV263

Tgt Ion: 43 Resp: 370696

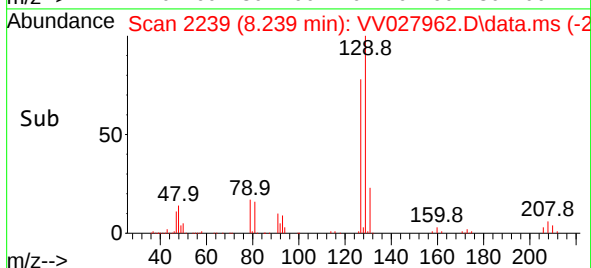
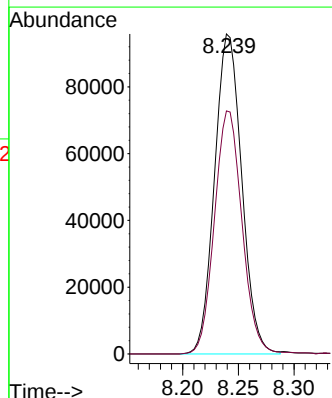
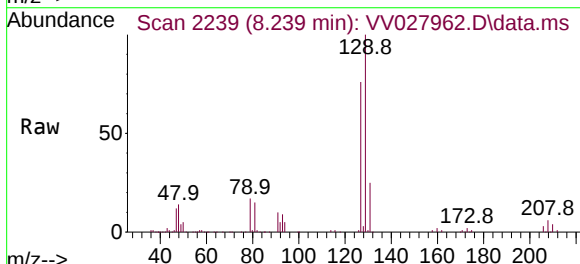
Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.6	68.4
57	19.1	15.0	22.6
100	12.5	9.9	14.9

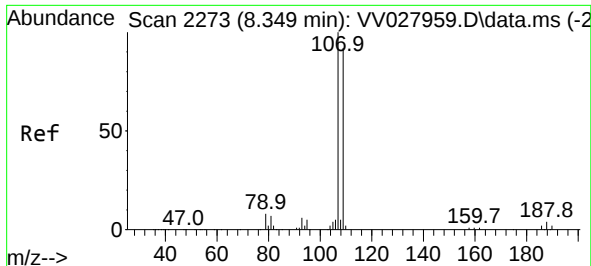


#49
Dibromochloromethane
Concen: 48.339 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 129 Resp: 162840

Ion	Ratio	Lower	Upper
129	100		
127	76.0	56.3	104.5





#50

1,2-Dibromoethane

Concen: 49.464 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

VICV263

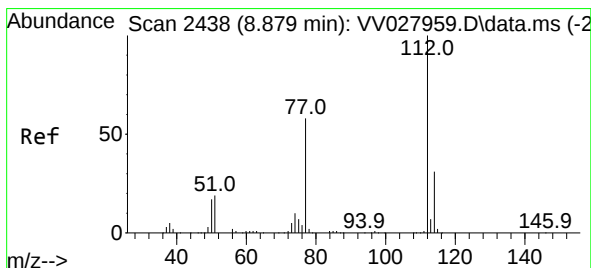
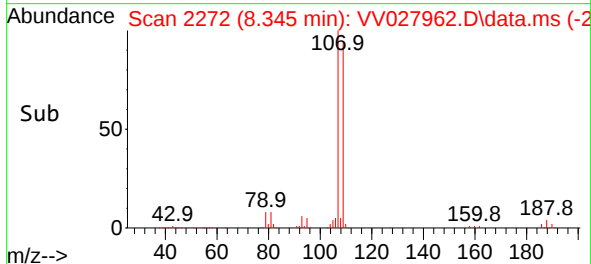
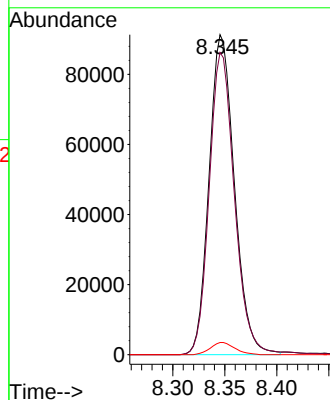
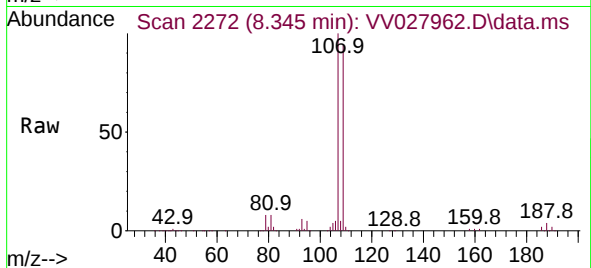
Tgt Ion:107 Resp: 154795

Ion Ratio Lower Upper

107 100

109 94.4 64.4 119.6

188 4.0 3.0 4.4



#51

Chlorobenzene

Concen: 49.105 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

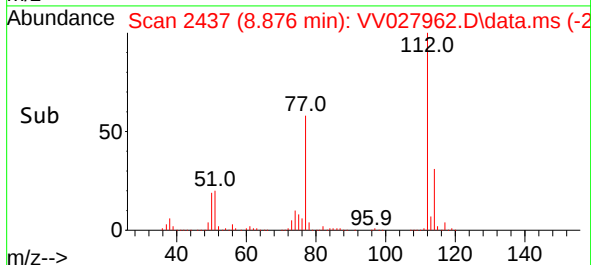
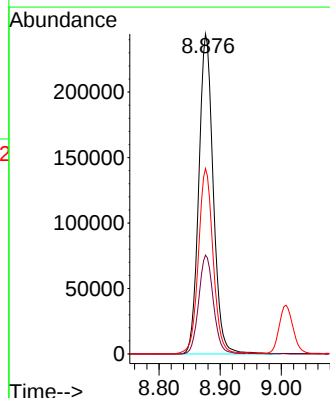
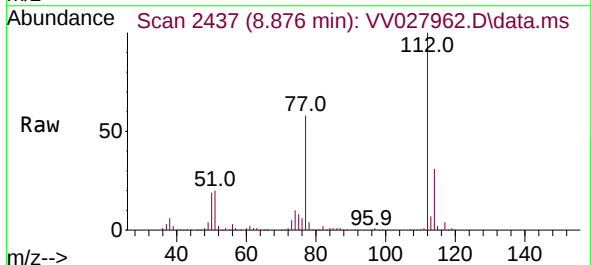
Tgt Ion:112 Resp: 400563

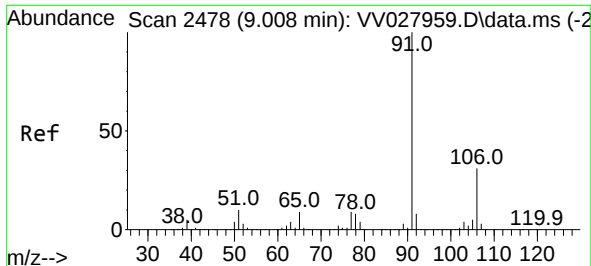
Ion Ratio Lower Upper

112 100

114 30.9 21.9 40.7

77 58.0 46.8 70.2

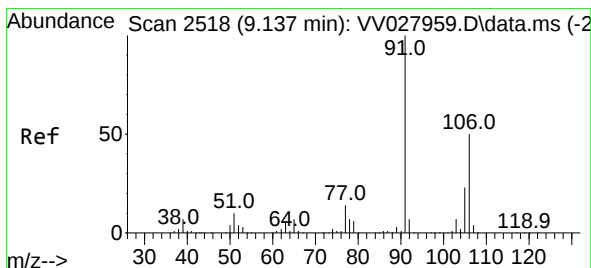
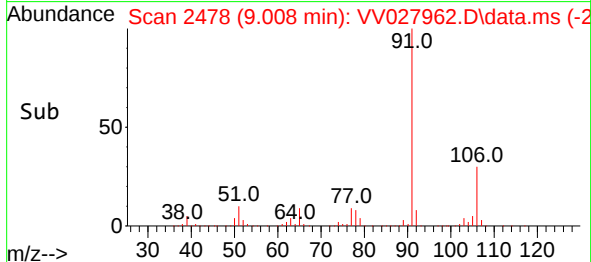
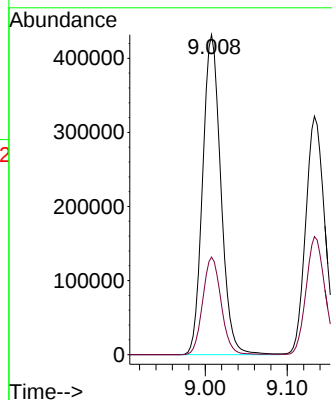
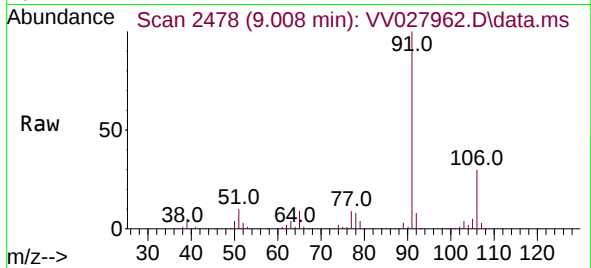




#52
Ethylbenzene
Concen: 50.490 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

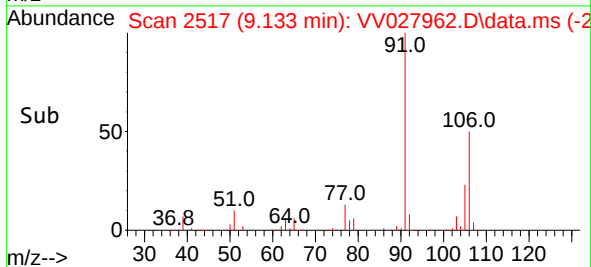
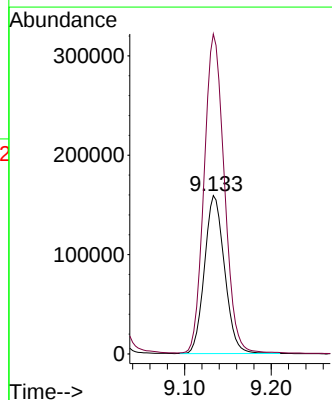
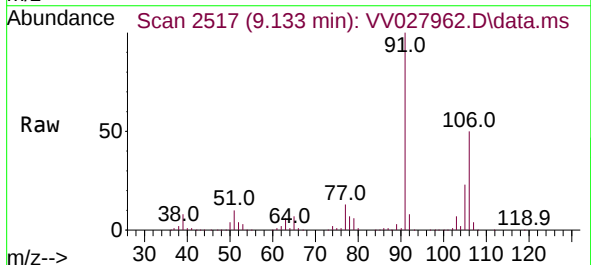
Instrument :
MSVOA_V
ClientSampleId :
VICV263

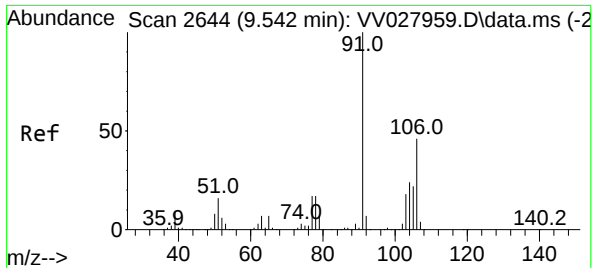
Tgt Ion: 91 Resp: 666049
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 50.677 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 106 Resp: 256321
Ion Ratio Lower Upper
106 100
91 202.0 139.8 259.6

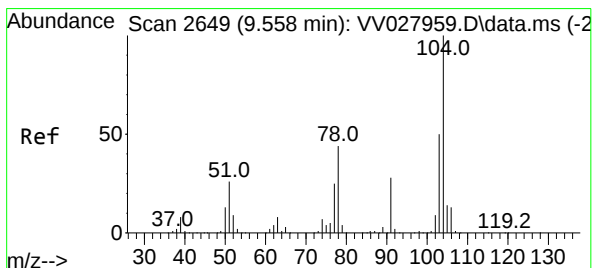
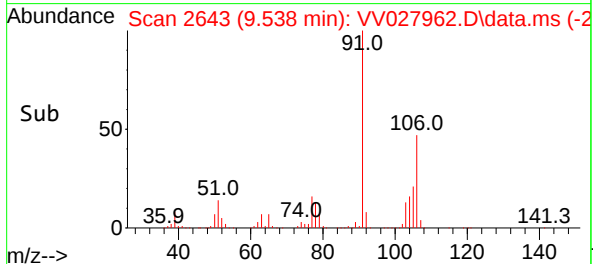
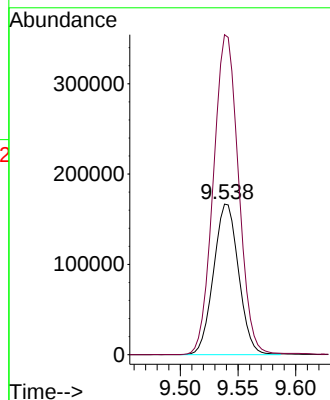
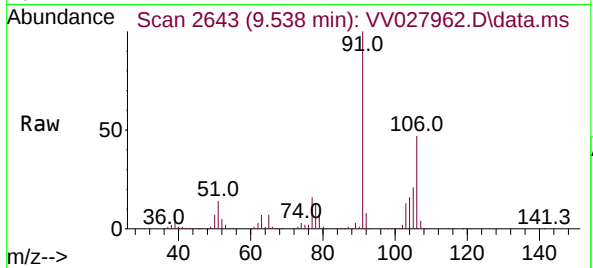




#54
o-Xylene
Concen: 51.563 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

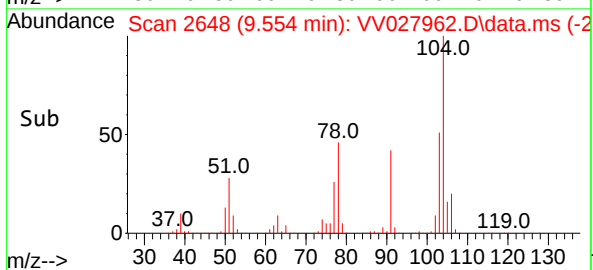
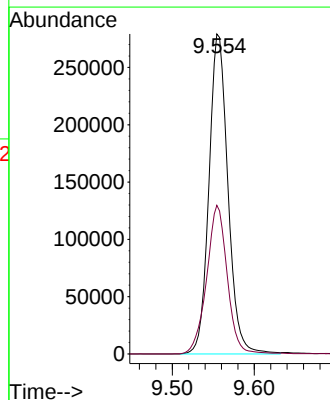
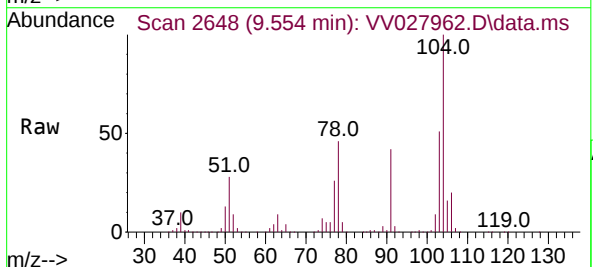
Instrument :
MSVOA_V
ClientSampleId :
VICV263

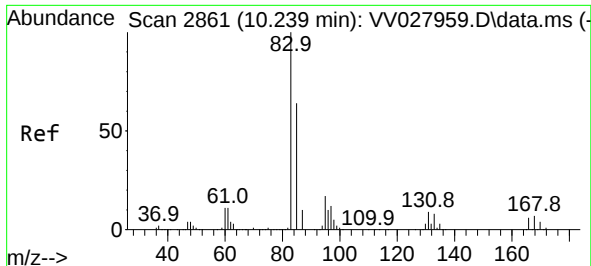
Tgt Ion:106 Resp: 251638
Ion Ratio Lower Upper
106 100
91 212.5 151.1 280.5



#55
Styrene
Concen: 51.906 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:104 Resp: 449492
Ion Ratio Lower Upper
104 100
78 46.5 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 50.219 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

Instrument :

MSVOA_V

ClientSampleId :

VICV263

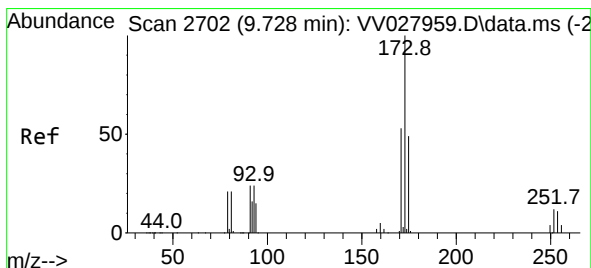
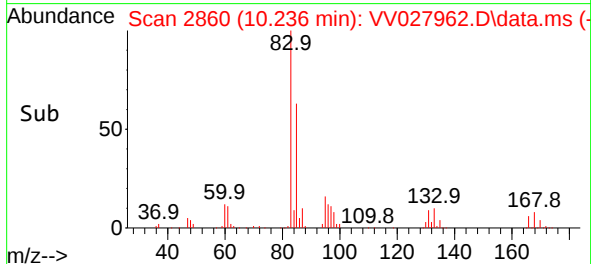
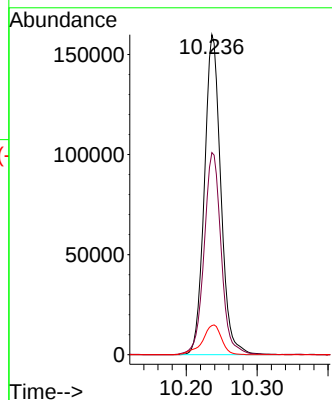
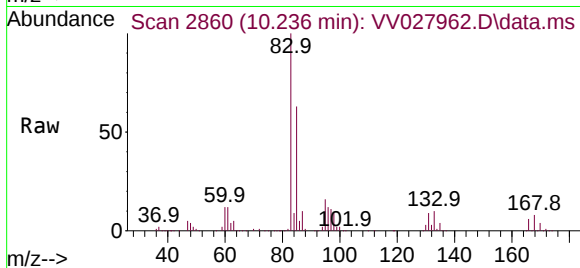
Tgt Ion: 83 Resp: 257032

Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

131 9.1 7.7 11.5



#59

Bromoform

Concen: 50.775 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.003 min

Lab File: VV027962.D

Acq: 20 Sep 2022 14:37

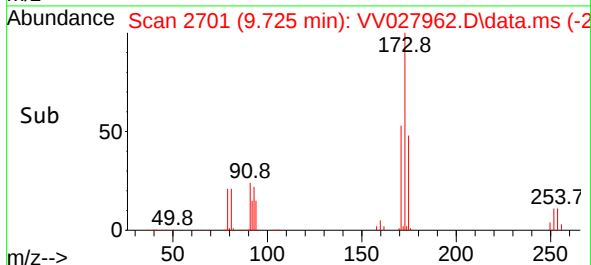
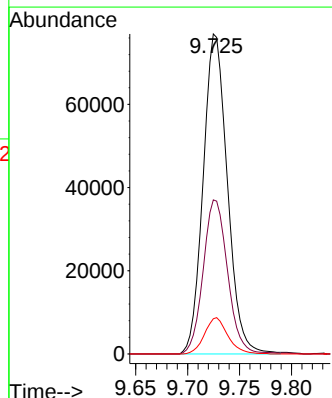
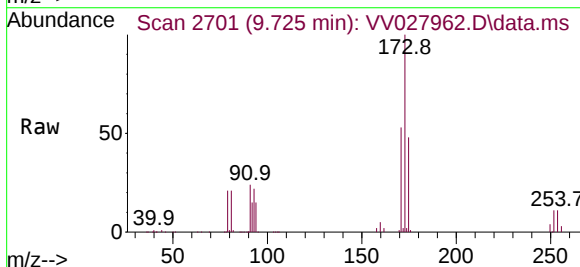
Tgt Ion: 173 Resp: 124974

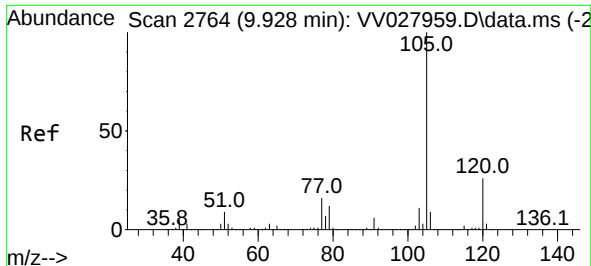
Ion Ratio Lower Upper

173 100

175 48.5 39.7 59.5

254 10.9 7.4 11.2

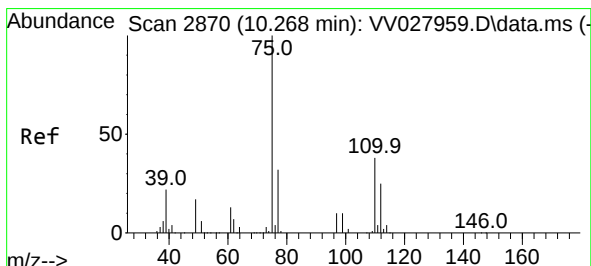
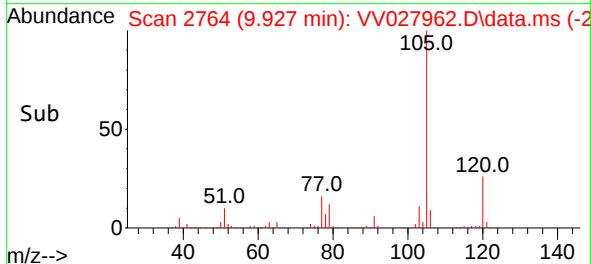
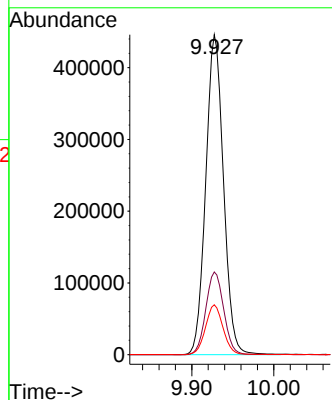
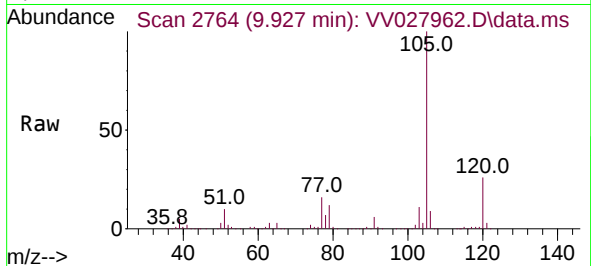




#60
Isopropylbenzene
Concen: 53.209 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

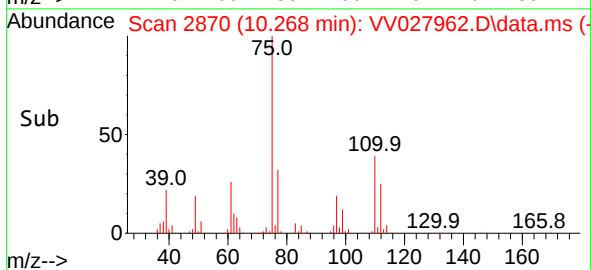
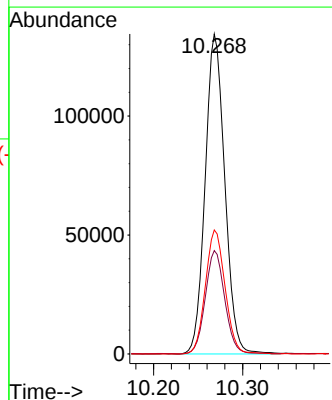
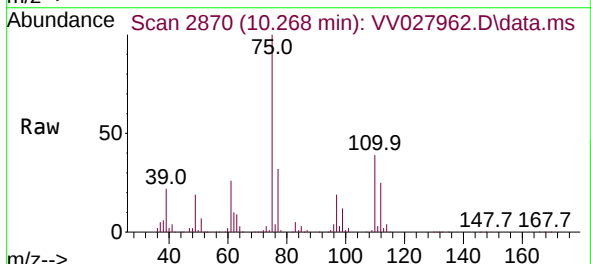
Instrument :
MSVOA_V
ClientSampleId :
VICV263

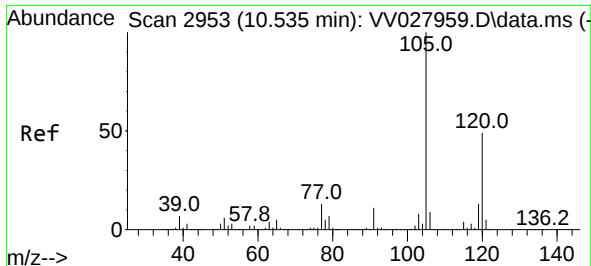
Tgt Ion:105 Resp: 669337
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.543 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 75 Resp: 205795
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 38.8 31.1 46.7

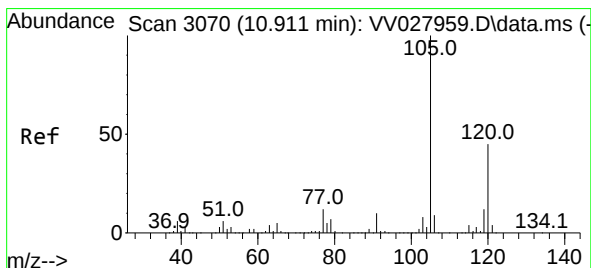
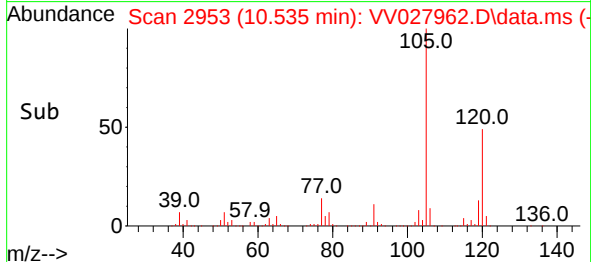
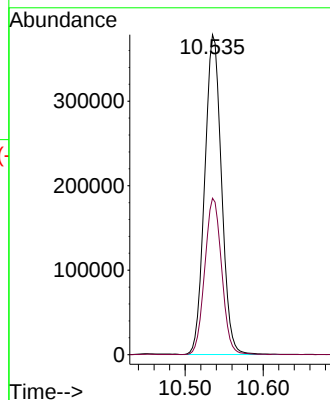
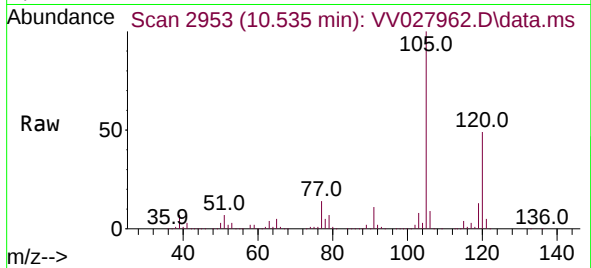




#62
 1,3,5-Trimethylbenzene
 Concen: 52.653 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

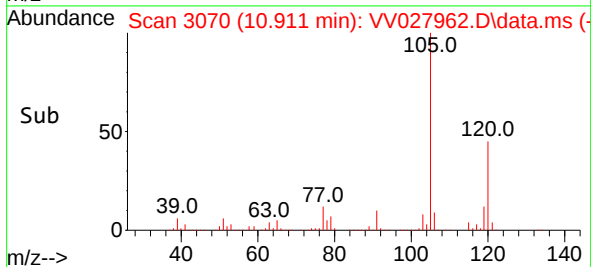
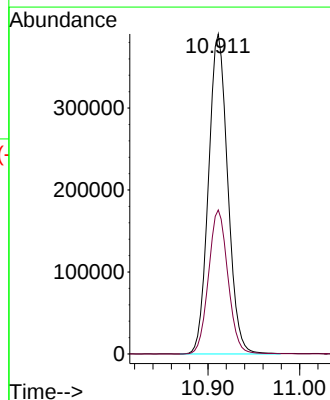
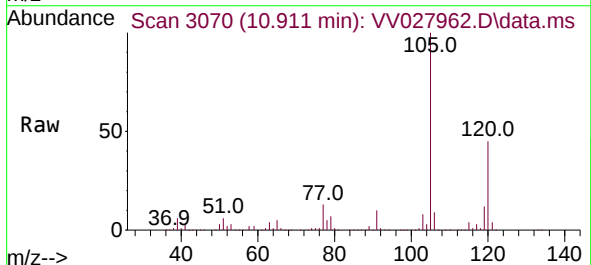
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

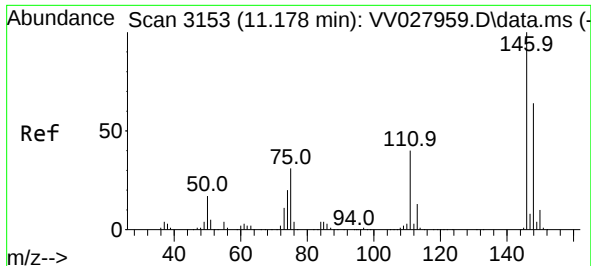
Tgt Ion:105 Resp: 566405
 Ion Ratio Lower Upper
 105 100
 120 49.2 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.088 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027962.D
 Acq: 20 Sep 2022 14:37

Tgt Ion:105 Resp: 569533
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.3 54.5

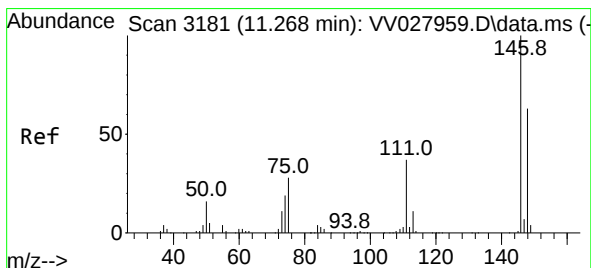
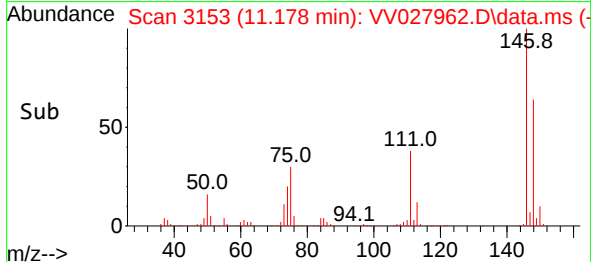
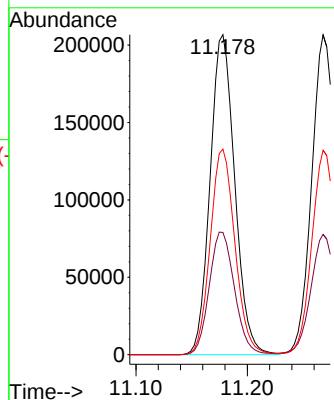
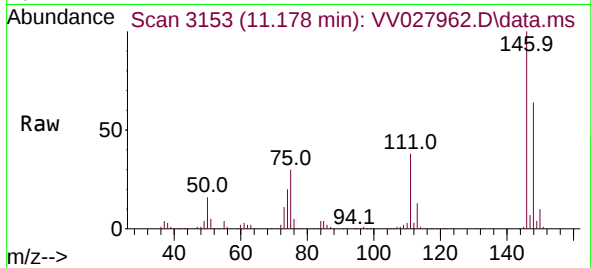




#64
1,3-Dichlorobenzene
Concen: 49.638 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

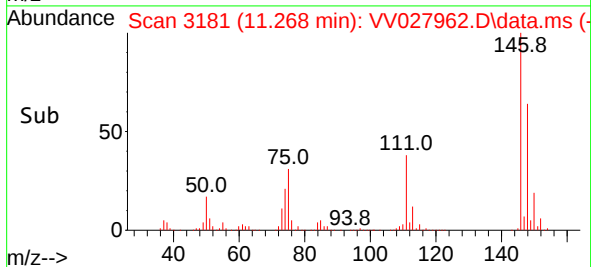
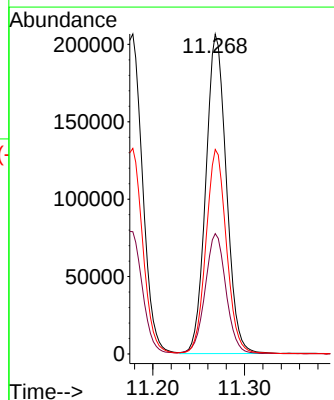
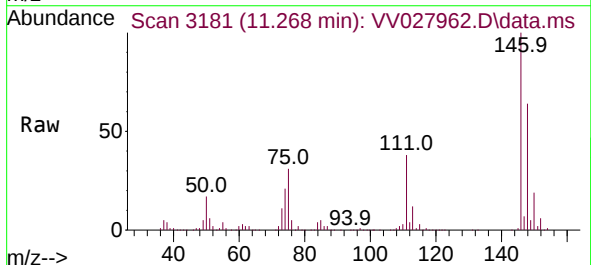
Instrument :
MSVOA_V
ClientSampleId :
VICV263

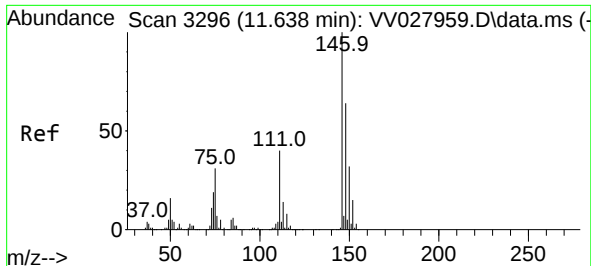
Tgt Ion:146 Resp: 318258
Ion Ratio Lower Upper
146 100
111 38.2 28.2 52.4
148 64.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 48.829 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:146 Resp: 320755
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 63.9 43.9 81.5

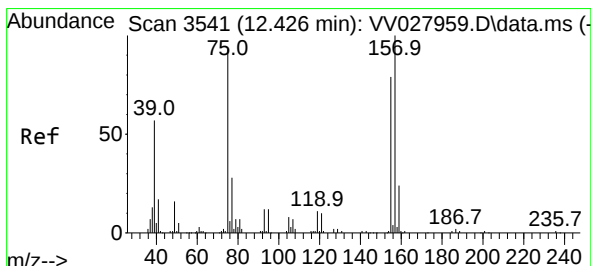
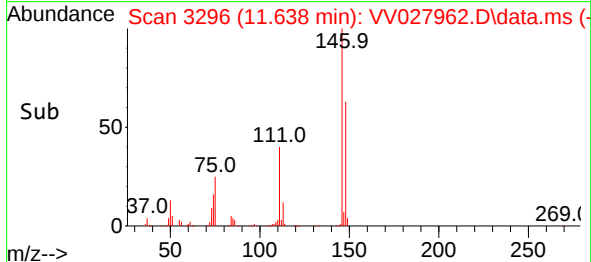
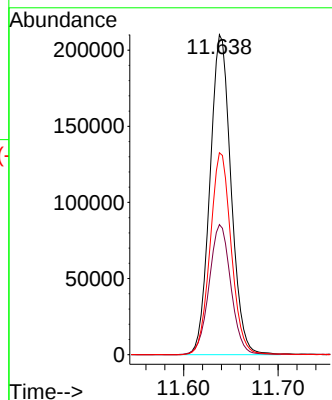
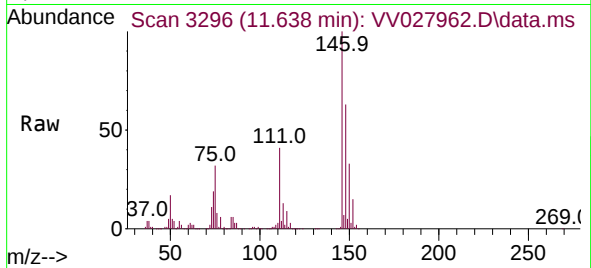




#67
1,2-Dichlorobenzene
Concen: 49.961 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

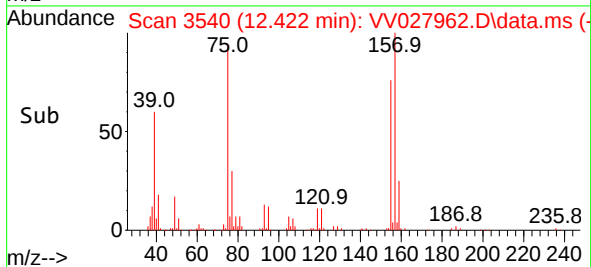
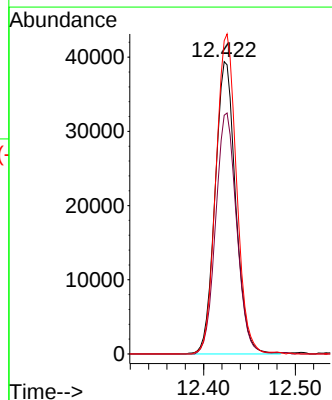
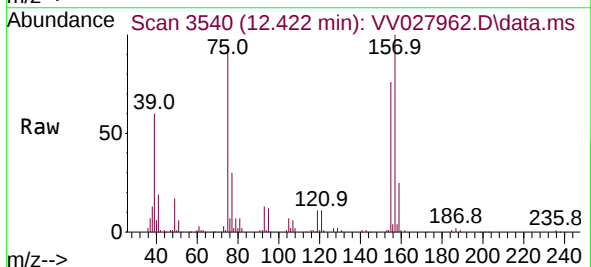
Instrument :
MSVOA_V
ClientSampleId :
VICV263

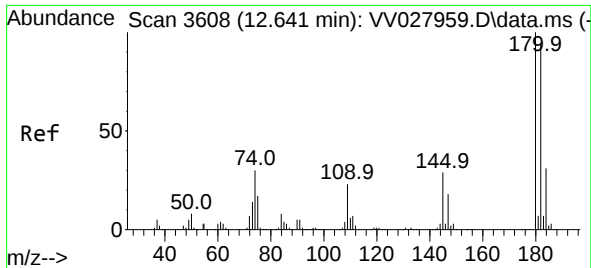
Tgt Ion:146 Resp: 325496
Ion Ratio Lower Upper
146 100
111 40.6 32.3 48.5
148 63.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 50.200 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion: 75 Resp: 61590
Ion Ratio Lower Upper
75 100
155 81.7 68.3 102.5
157 107.2 86.2 129.2

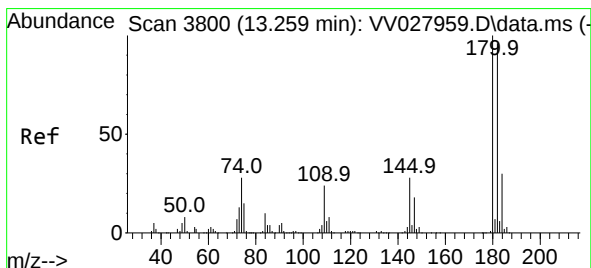
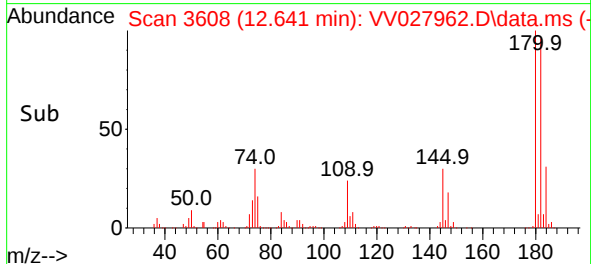
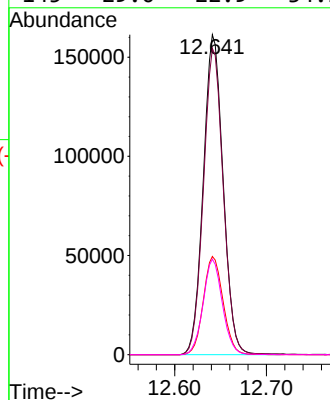
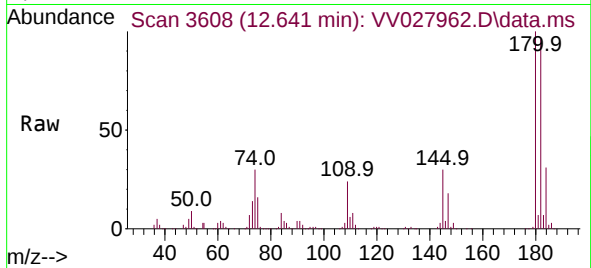




#69
1,3,5-Trichlorobenzene
Concen: 48.155 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

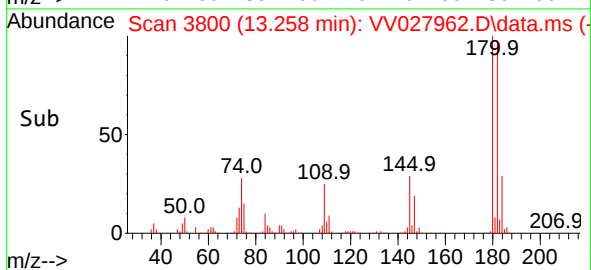
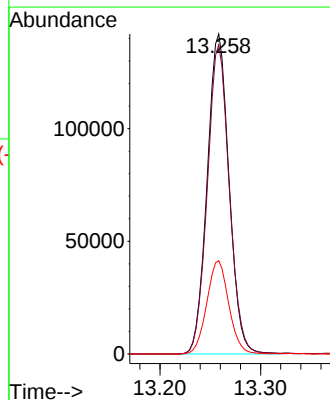
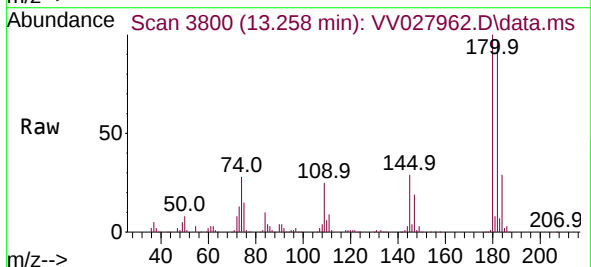
Instrument :
MSVOA_V
ClientSampleId :
VICV263

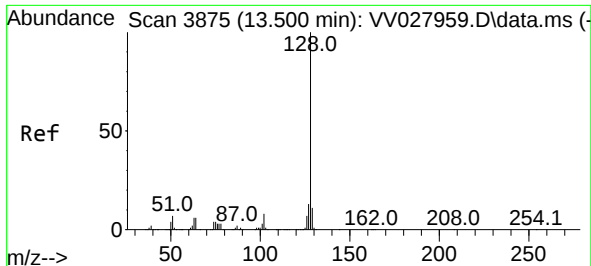
Tgt Ion:180 Resp: 242112
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
184 30.5 24.2 36.2
145 29.0 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 47.682 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:180 Resp: 214833
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
145 29.3 22.8 34.2

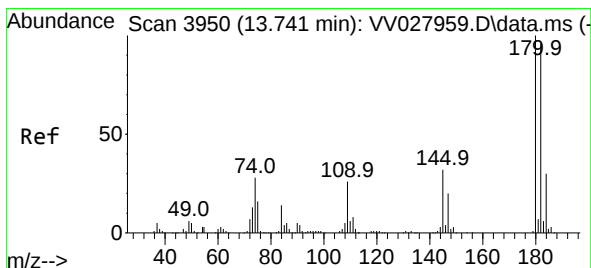
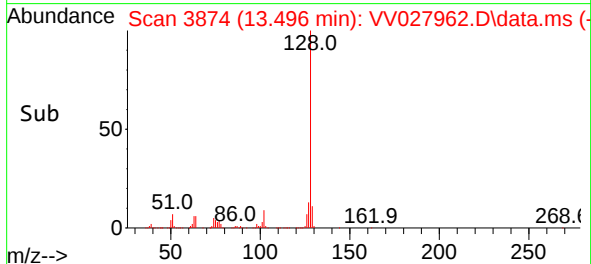
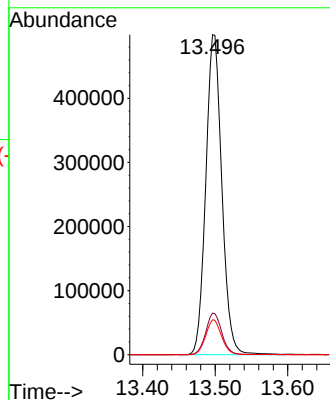
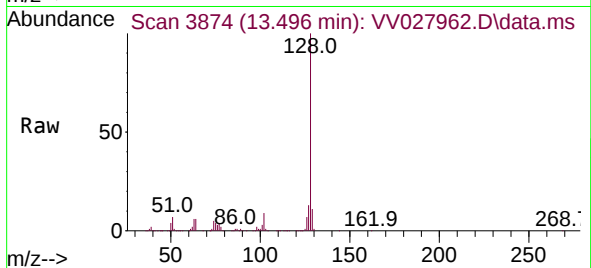




#71
Naphthalene
Concen: 53.008 ug/L
RT: 13.496 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Instrument :
MSVOA_V
ClientSampleId :
VICV263

Tgt Ion:128 Resp: 766751
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 50.212 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027962.D
Acq: 20 Sep 2022 14:37

Tgt Ion:180 Resp: 233658
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 30.7 25.1 37.7

