

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028273.D
 Acq On : 03 Oct 2022 12:08
 Operator : SY/MD
 Sample : VSTD02056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 01:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	184538	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	292658	15.297	ug/L	0.00
7) Chloroethane-d5	1.561	69	247588	16.277	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	541175	16.309	ug/L	0.00
20) 2-Butanone-d5	3.892	46	569793	176.413	ug/L	0.00
24) Chloroform-d	4.336	84	536447	17.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	243707	16.776	ug/L	0.00
32) Benzene-d6	5.040	84	1087040	18.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	308823	16.855	ug/L	0.00
41) Toluene-d8	7.310	98	1018017	19.137	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	124529	18.816	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	553906	200.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	222329	17.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	362616	18.090	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	312341	22.662	ug/L	93
3) Chloromethane	1.236	50	284544	15.589	ug/L	98
5) Vinyl chloride	1.304	62	333885	23.332	ug/L	100
6) Bromomethane	1.516	94	160293	17.200	ug/L	97
8) Chloroethane	1.577	64	216135	22.523	ug/L	95
9) Trichlorofluoromethane	1.748	101	506240	22.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	275270	21.023	ug/L	98
12) 1,1-Dichloroethene	2.111	96	276602	21.689	ug/L #	72
13) Acetone	2.198	43	321450	129.208	ug/L	93
14) Carbon disulfide	2.285	76	839494	34.302	ug/L	99
15) Methyl Acetate	2.436	43	104224	21.581	ug/L	95
16) Methylene chloride	2.497	84	284868	20.010	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	609859	22.230	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	287543	25.757	ug/L	97
19) 1,1-Dichloroethane	3.178	63	497238	20.417	ug/L	98
21) 2-Butanone	3.979	43	570511	185.227	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	309604	21.135	ug/L	94
23) Bromochloromethane	4.240	128	130876	22.312	ug/L #	82
25) Chloroform	4.365	83	523543	20.034	ug/L	98
27) 1,2-Dichloroethane	5.124	62	291366	20.909	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	473833	21.516	ug/L	98
30) Cyclohexane	4.667	56	450080	28.258	ug/L	90
31) Carbon tetrachloride	4.818	117	421722	23.270	ug/L	99
33) Benzene	5.092	78	1176929	23.646	ug/L	100
34) Trichloroethene	5.905	95	290708	23.465	ug/L	96
35) Methylcyclohexane	6.124	83	514756	30.296	ug/L	92
37) 1,2-Dichloropropane	6.165	63	269467	19.312	ug/L	98
38) Bromodichloromethane	6.503	83	362833	21.063	ug/L #	97
39) cis-1,3-Dichloropropene	7.021	75	418167	24.128	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1345802	198.619	ug/L #	92
42) Toluene	7.381	91	1272797	24.515	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	351001	23.546	ug/L	95

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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

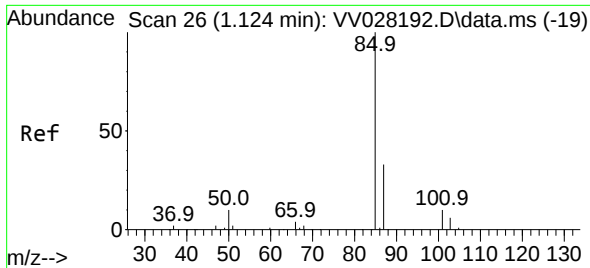
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.834	97	193937	20.735	ug/L	99
47) Tetrachloroethene	7.969	164	247391	25.016	ug/L	99
48) 2-Hexanone	8.136	43	949250	184.542	ug/L #	92
49) Dibromochloromethane	8.243	129	241394	21.465	ug/L	99
50) 1,2-Dibromoethane	8.349	107	176364	21.698	ug/L	98
51) Chlorobenzene	8.876	112	797938	22.915	ug/L	99
52) Ethylbenzene	9.008	91	1380019	25.125	ug/L	99
53) m,p-Xylene	9.133	106	548800	26.072	ug/L	98
54) o-Xylene	9.538	106	531635	25.576	ug/L	99
55) Styrene	9.554	104	917305	25.468	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	223016	20.464	ug/L	99
59) Bromoform	9.728	173	134155	20.677	ug/L	100
60) Isopropylbenzene	9.927	105	1405356	23.429	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	157988	18.433	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	408566	24.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1203595	25.484	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	655254	21.953	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	640274	21.440	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	591878	20.992	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	36903	19.642	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	518046	21.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	423829	22.432	ug/L	100
71) Naphthalene	13.496	128	685933	22.170	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	372138	21.775	ug/L	99

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

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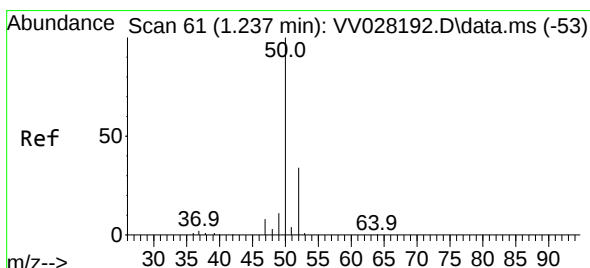
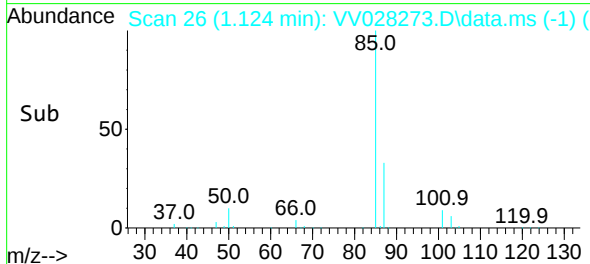
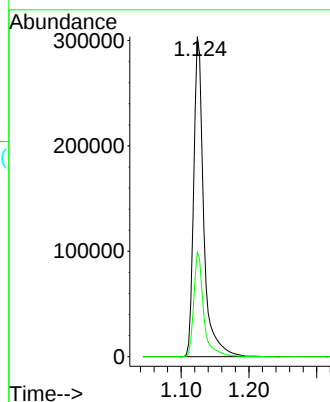
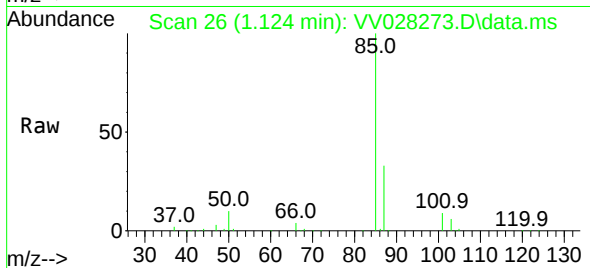




#2
 Dichlorodifluoromethane
 Concen: 22.662 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

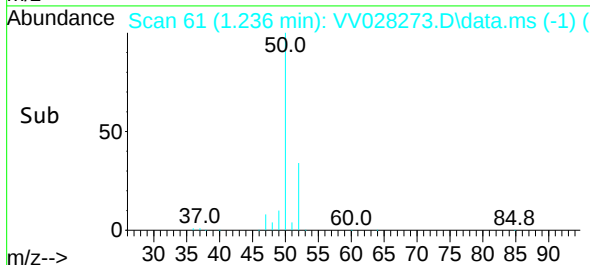
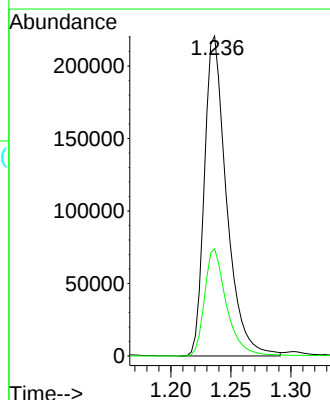
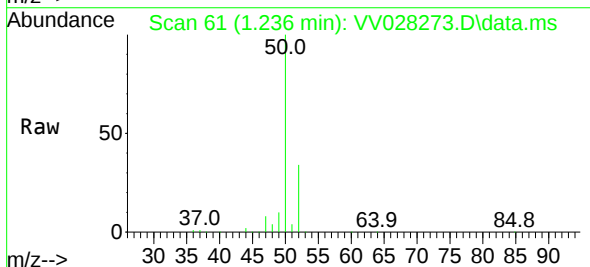
Instrument :
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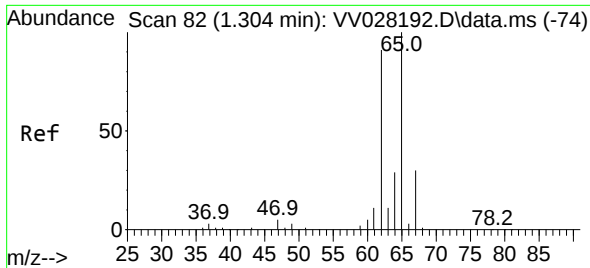
Tgt Ion: 85 Resp: 312341
 Ion Ratio Lower Upper
 85 100
 87 32.3 22.8 34.2



#3
 Chloromethane
 Concen: 15.589 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

Tgt Ion: 50 Resp: 284544
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.4 45.2

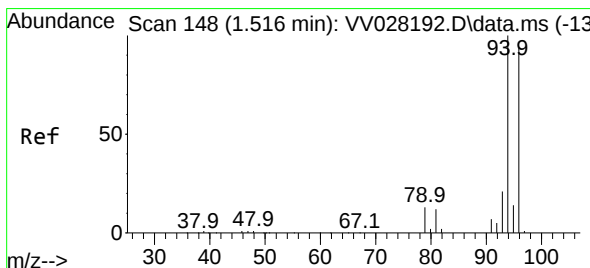
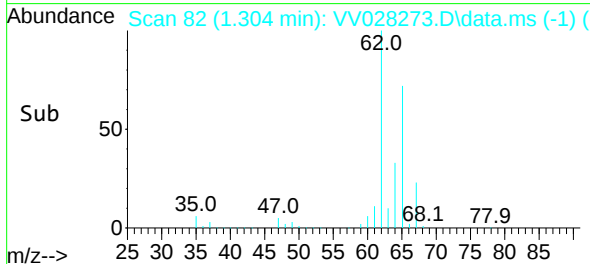
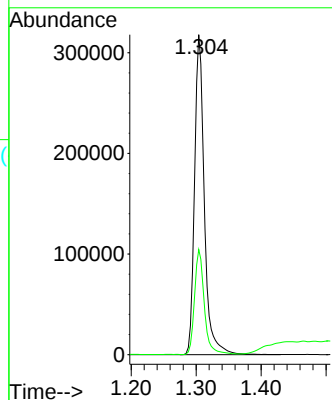
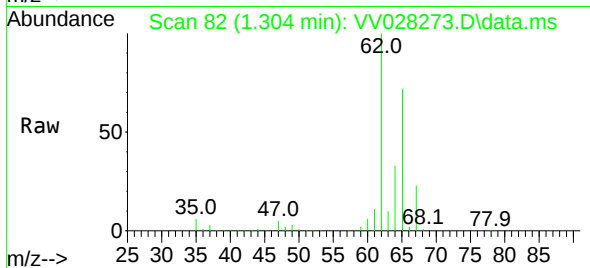




#5
 Vinyl chloride
 Concen: 23.332 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

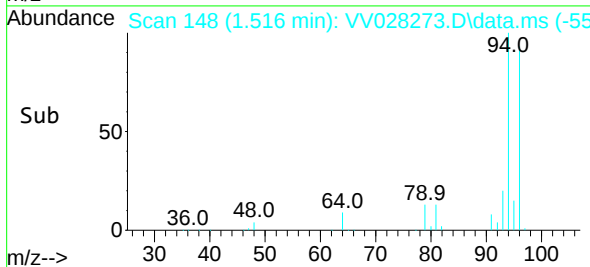
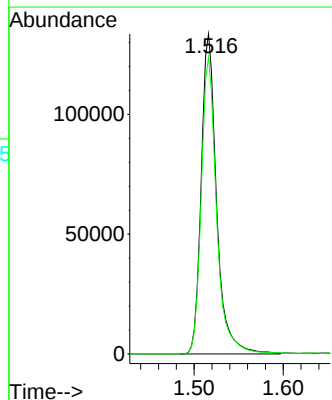
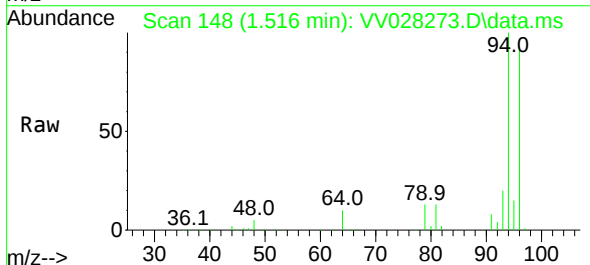
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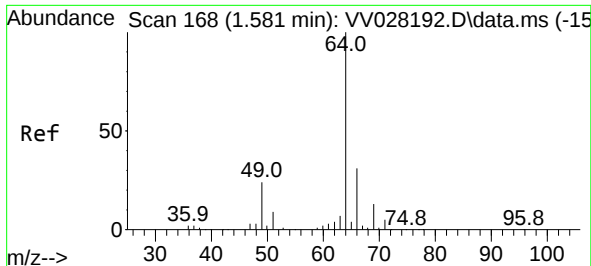
Tgt Ion: 62 Resp: 333885
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 17.200 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

Tgt Ion: 94 Resp: 160293
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.7 123.9

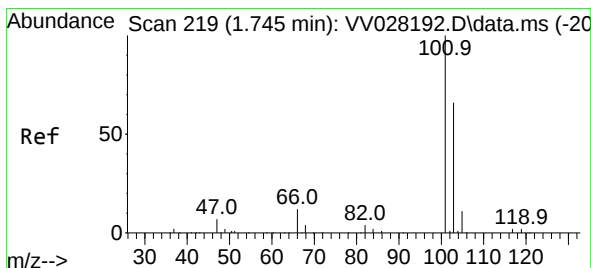
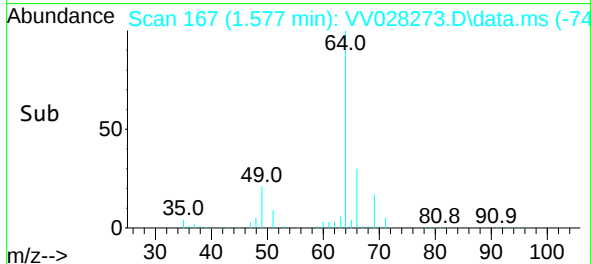
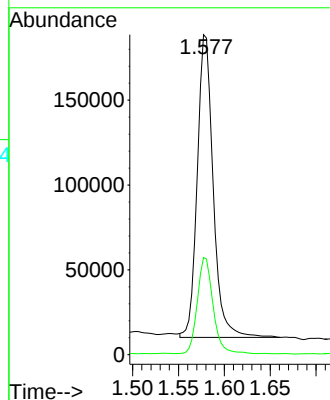
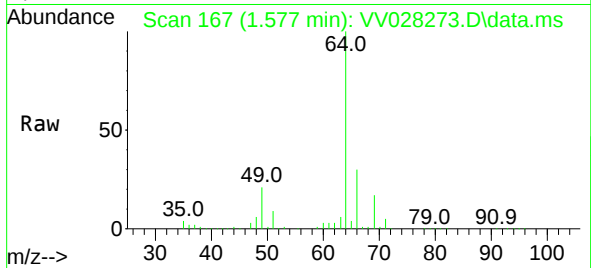




#8
Chloroethane
Concen: 22.523 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

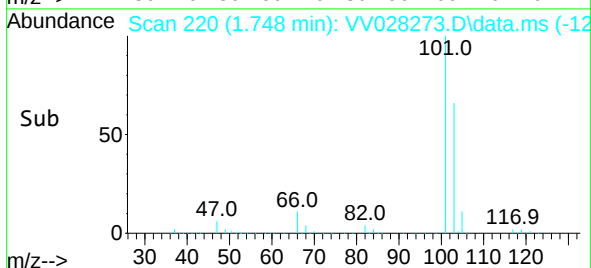
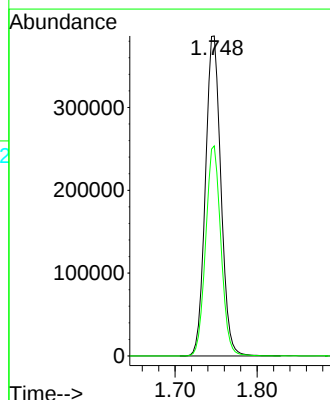
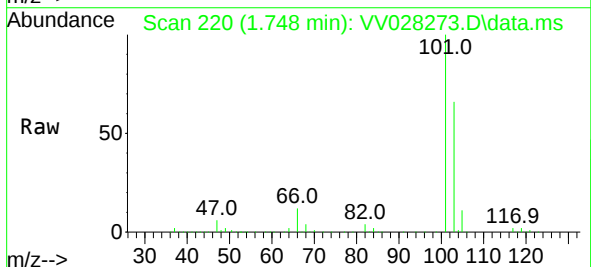
Instrument :
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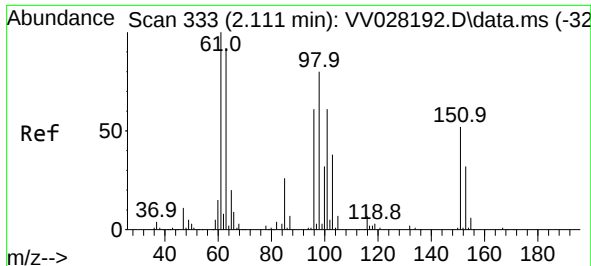
Tgt Ion: 64 Resp: 216135
Ion Ratio Lower Upper
64 100
66 30.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 22.281 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 101 Resp: 506240
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.023 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

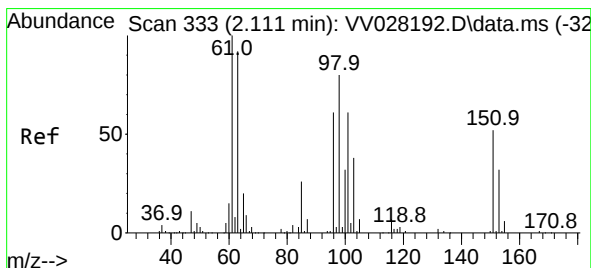
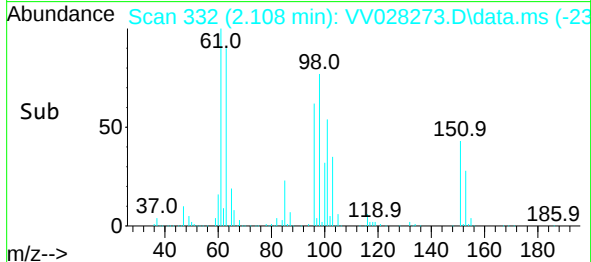
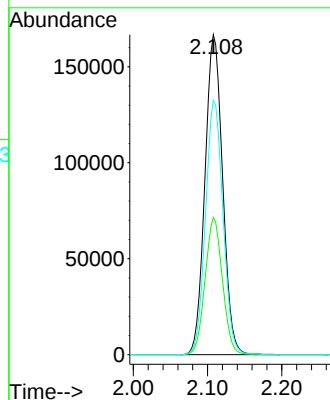
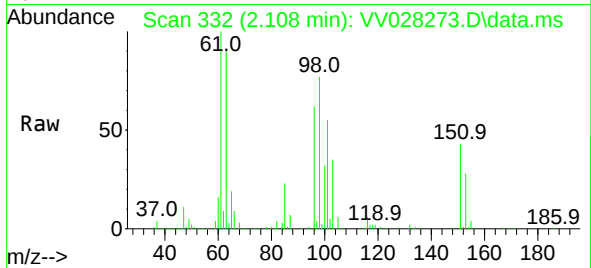
Tgt Ion:101 Resp: 275270

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

151 78.9 61.1 91.7



#12

1,1-Dichloroethene

Concen: 21.689 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

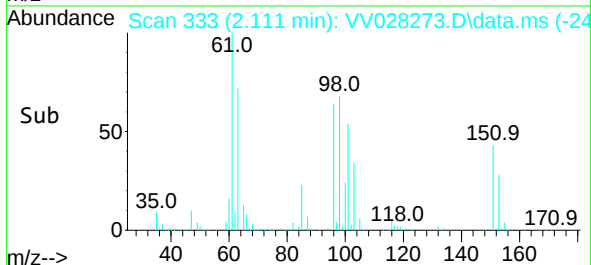
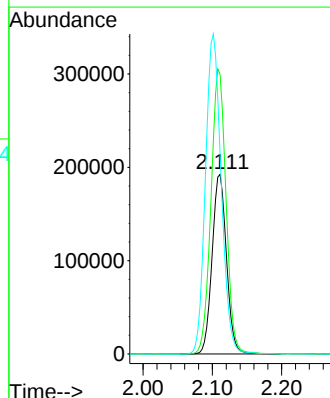
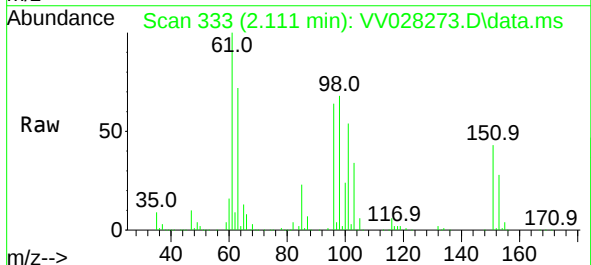
Tgt Ion: 96 Resp: 276602

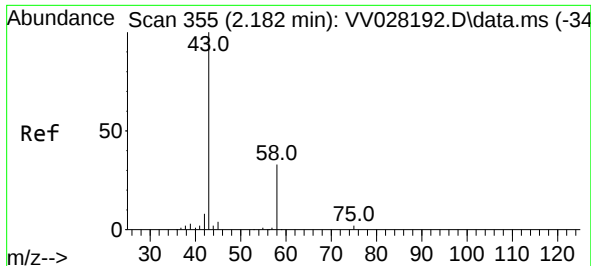
Ion Ratio Lower Upper

96 100

61 155.8 128.3 238.3

63 111.8 112.7 209.3#

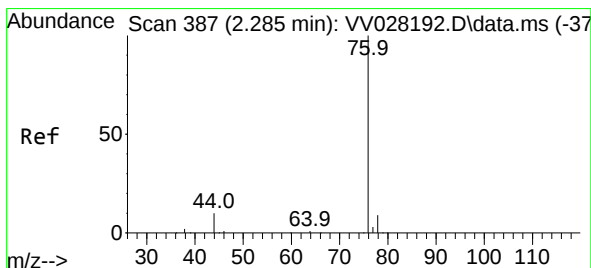
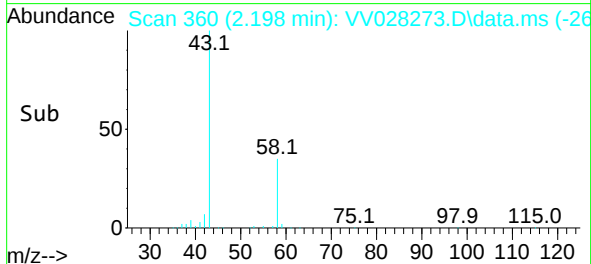
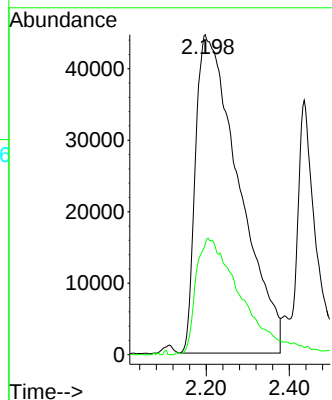
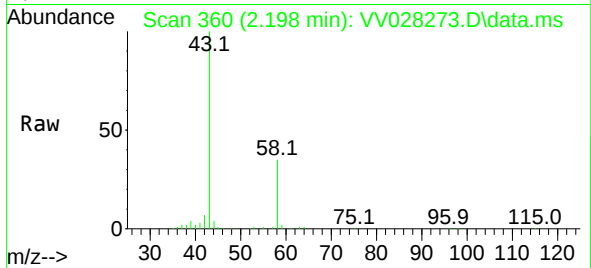




#13
Acetone
Concen: 129.208 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.023 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

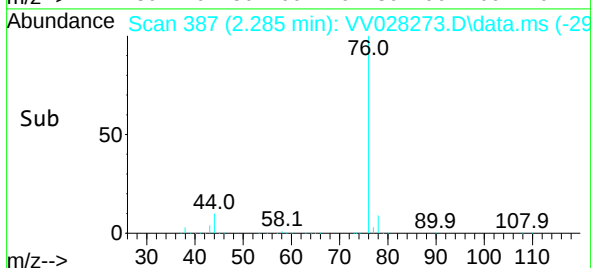
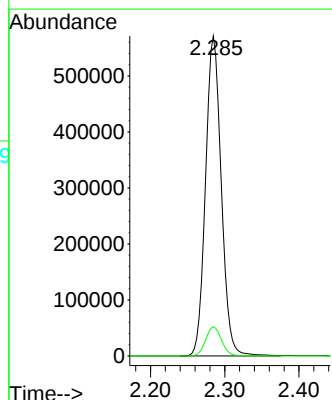
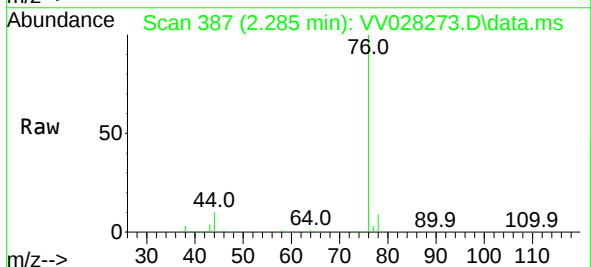
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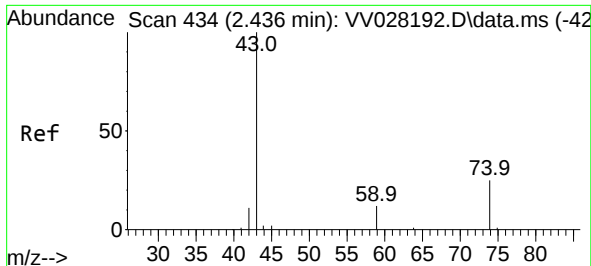
Tgt Ion: 43 Resp: 321450
Ion Ratio Lower Upper
43 100
58 36.6 0.0 65.6



#14
Carbon disulfide
Concen: 34.302 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 76 Resp: 839494
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

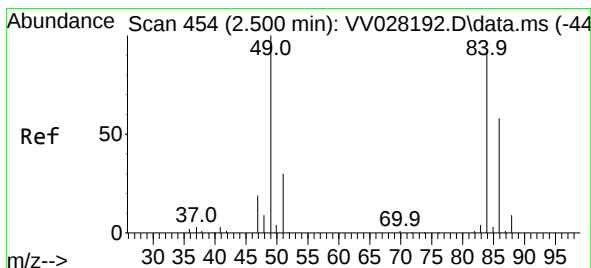
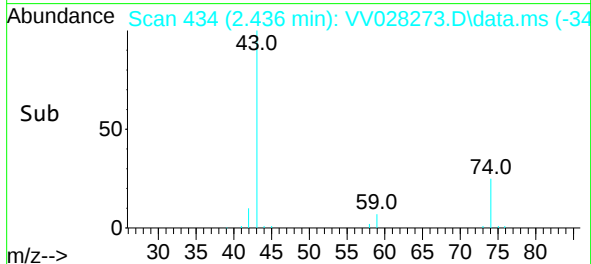
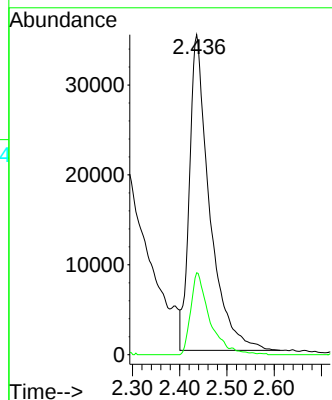
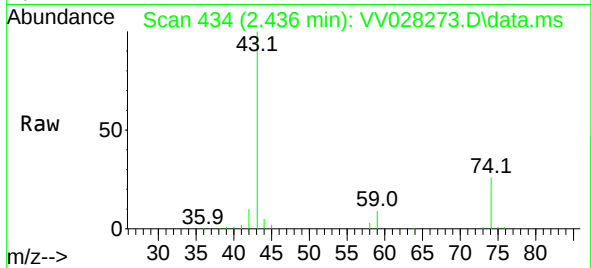




#15
Methyl Acetate
Concen: 21.581 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

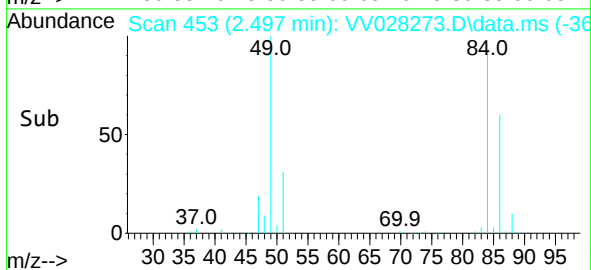
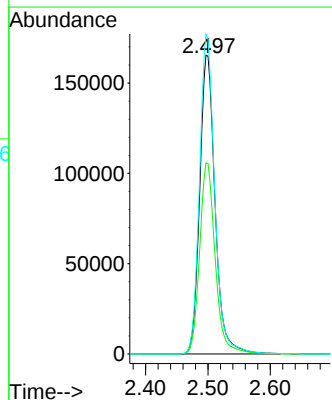
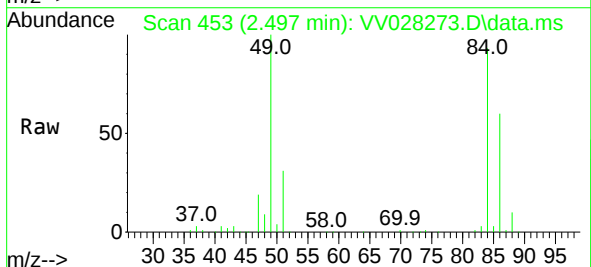
Instrument :
MSVOA_V
ClientSampleId :

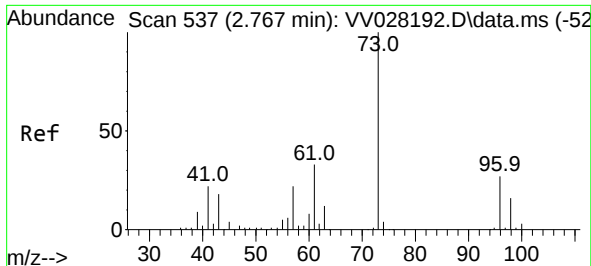
Tgt Ion: 43 Resp: 104224
Ion Ratio Lower Upper
43 100
74 23.2 16.9 25.3



#16
Methylene chloride
Concen: 20.010 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 84 Resp: 284868
Ion Ratio Lower Upper
84 100
86 64.0 46.8 86.8
49 107.1 87.5 162.5

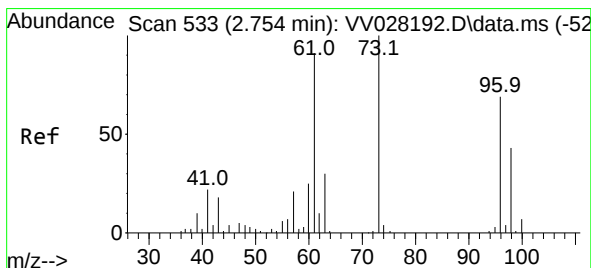
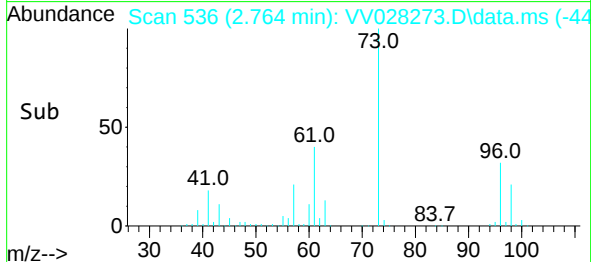
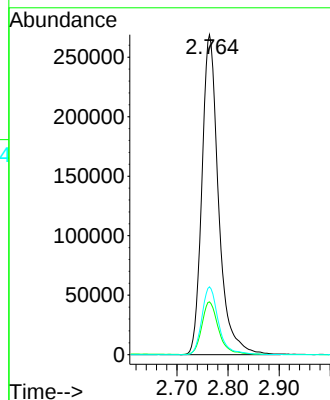
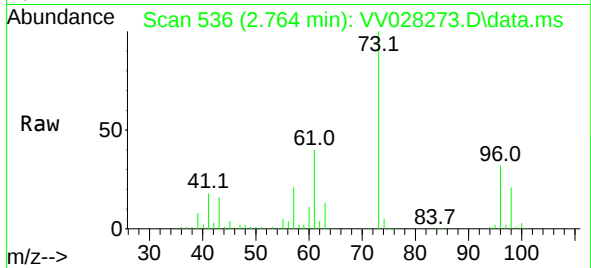




#17
Methyl tert-butyl Ether
Concen: 22.230 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

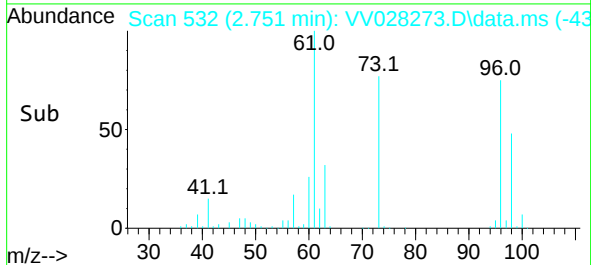
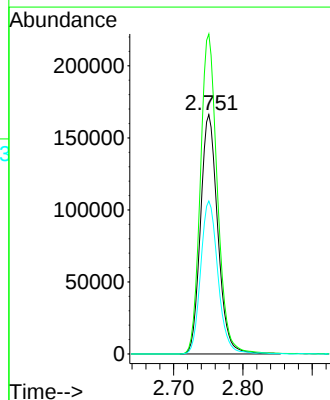
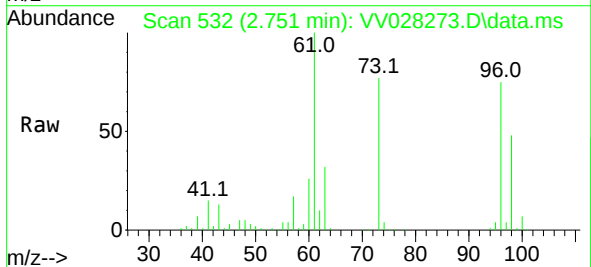
Instrument :
MSVOA_V
ClientSampleId :

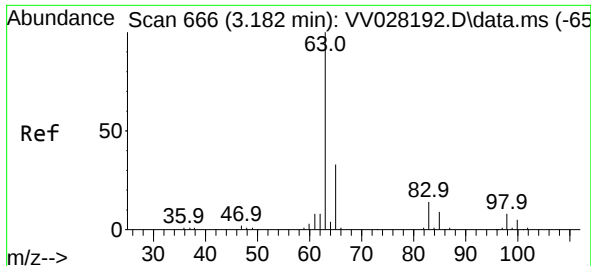
Tgt Ion: 73 Resp: 609859
Ion Ratio Lower Upper
73 100
43 16.5 15.7 23.5
57 21.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 25.757 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 96 Resp: 287543
Ion Ratio Lower Upper
96 100
61 133.7 96.2 178.6
98 63.9 45.7 84.9





#19

1,1-Dichloroethane

Concen: 20.417 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

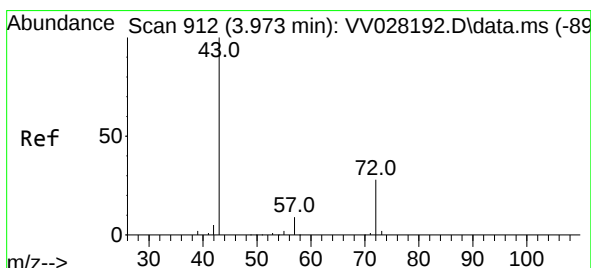
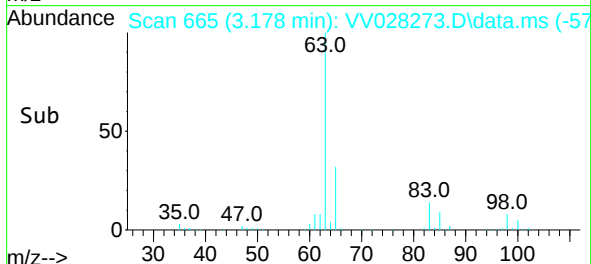
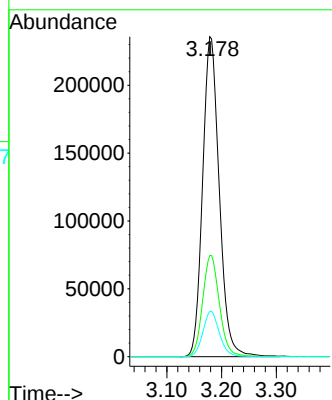
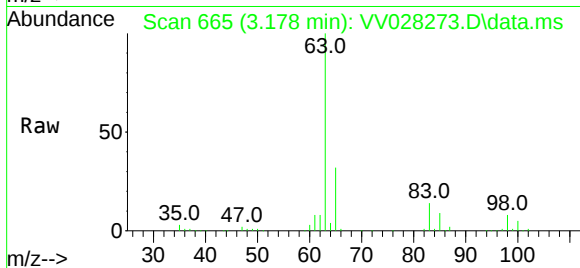
Tgt Ion: 63 Resp: 497238

Ion Ratio Lower Upper

63 100

65 31.6 23.0 42.8

83 14.1 9.2 17.2



#21

2-Butanone

Concen: 185.227 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.010 min

Lab File: VV028273.D

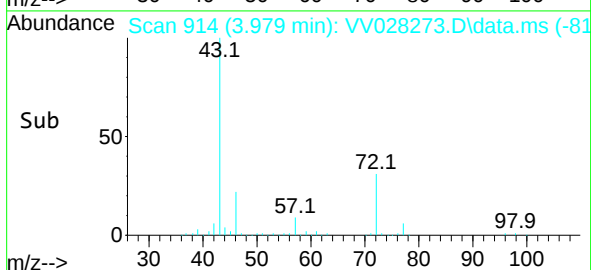
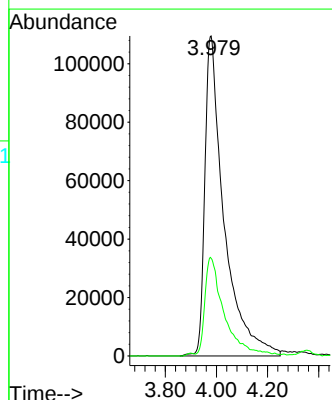
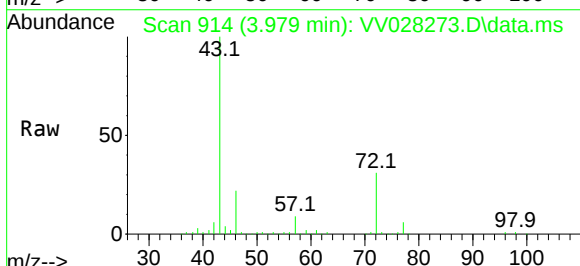
Acq: 03 Oct 2022 12:08

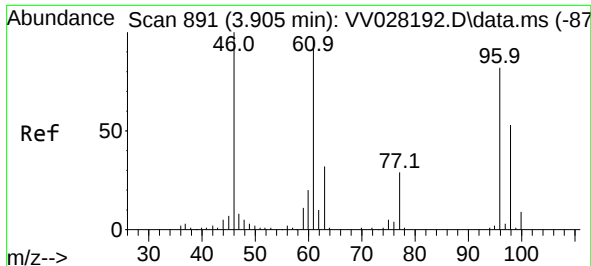
Tgt Ion: 43 Resp: 570511

Ion Ratio Lower Upper

43 100

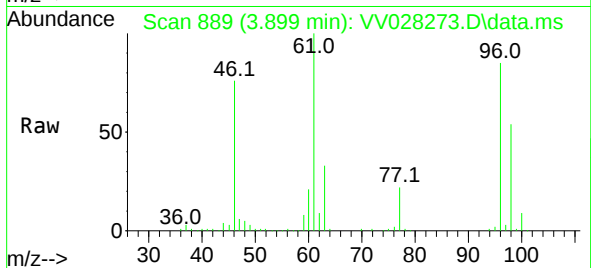
72 29.1 12.7 38.1





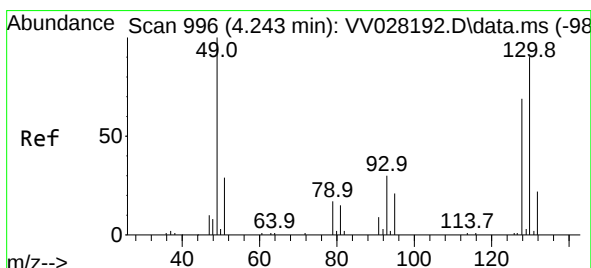
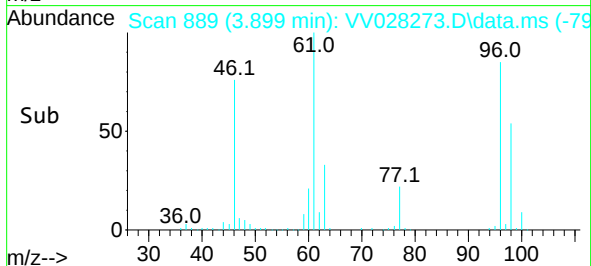
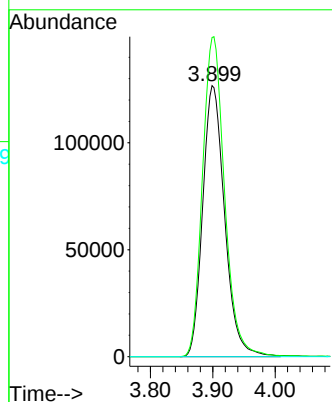
#22
 cis-1,2-Dichloroethene
 Concen: 21.135 ug/L
 RT: 3.899 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 309604

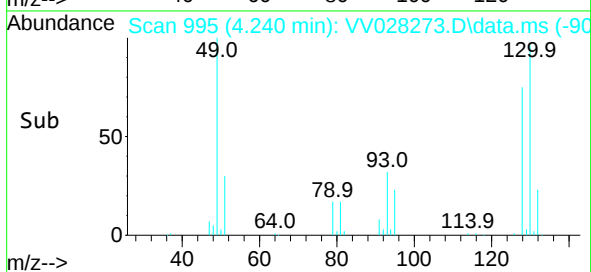
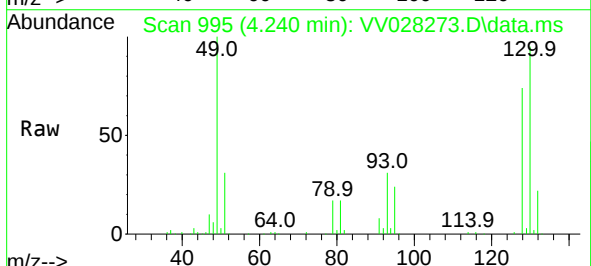
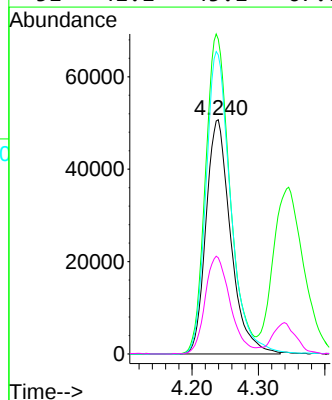
Ion	Ratio	Lower	Upper
96	100		
61	117.7	87.2	161.9
68	0.0	0.0	0.0

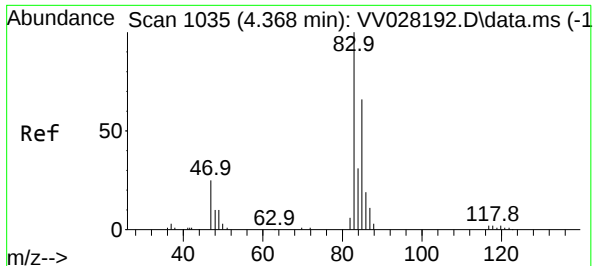


#23
 Bromochloromethane
 Concen: 22.312 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028273.D
 Acq: 03 Oct 2022 12:08

Tgt Ion:128 Resp: 130876

Ion	Ratio	Lower	Upper
128	100		
49	134.3	119.9	222.7
130	127.7	94.6	175.8
51	41.1	45.1	67.7





#25

Chloroform

Concen: 20.034 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

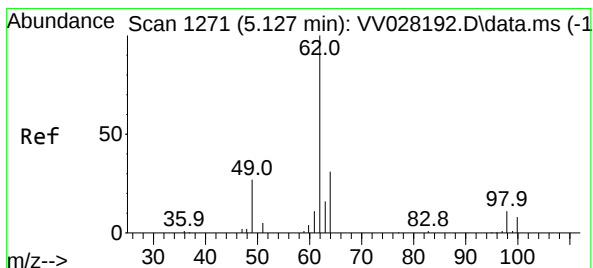
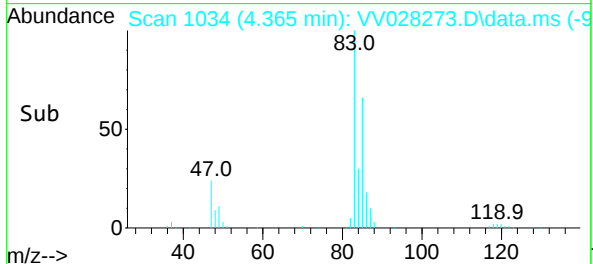
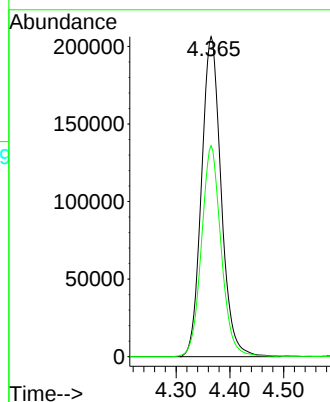
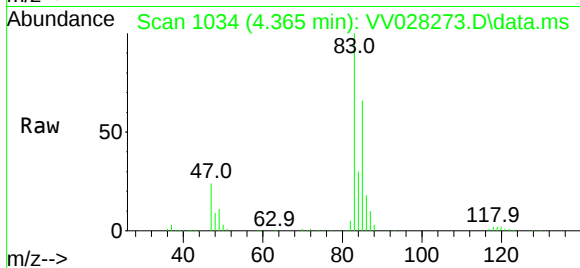
ClientSampleId :

Tgt Ion: 83 Resp: 523543

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 20.909 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028273.D

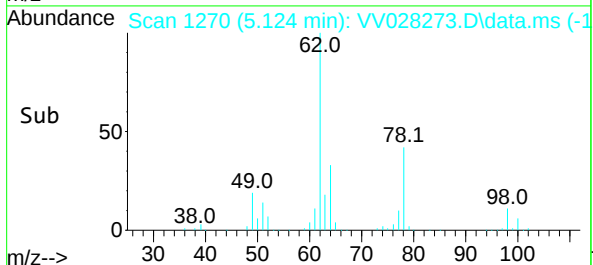
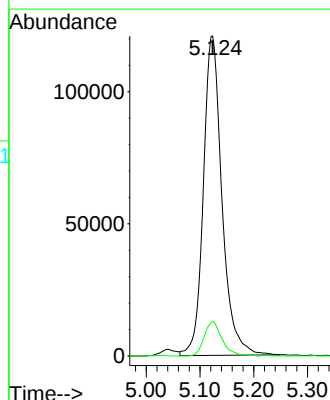
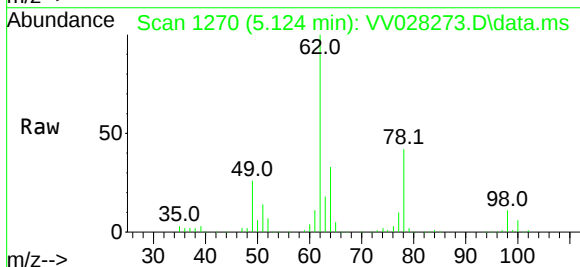
Acq: 03 Oct 2022 12:08

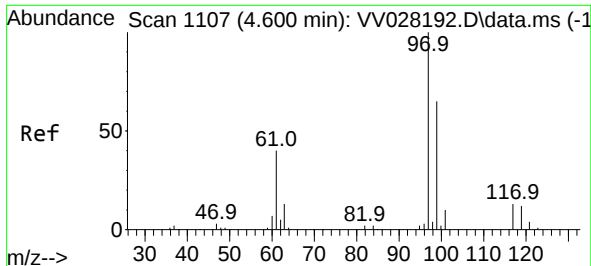
Tgt Ion: 62 Resp: 291366

Ion Ratio Lower Upper

62 100

98 10.8 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 21.516 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

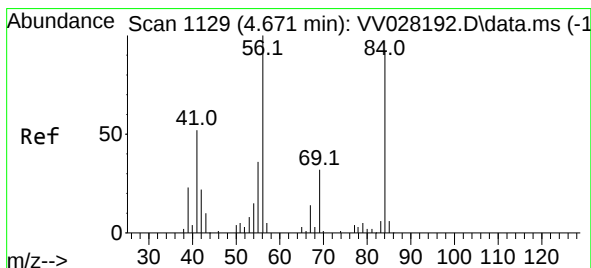
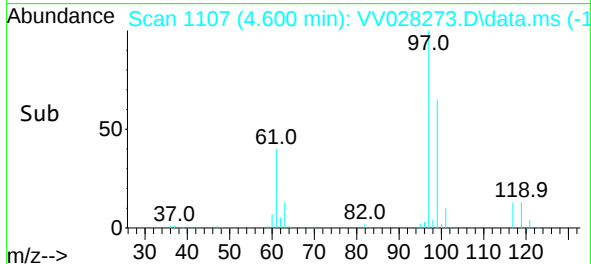
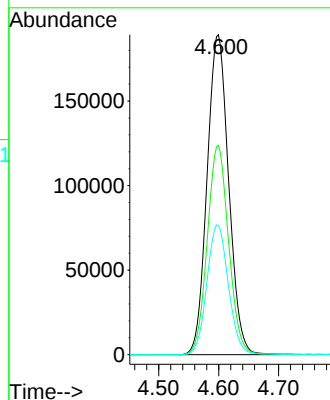
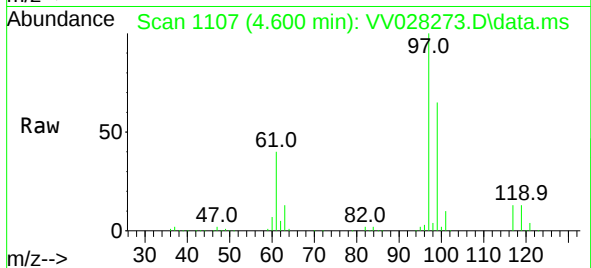
Tgt Ion: 97 Resp: 473833

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 40.4 34.8 52.2



#30

Cyclohexane

Concen: 28.258 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

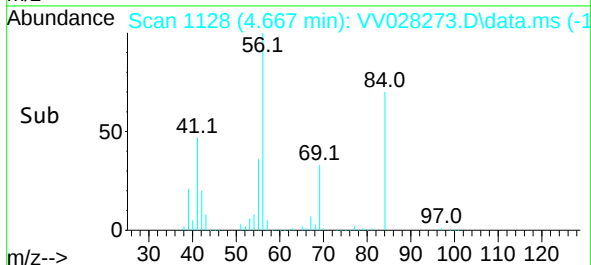
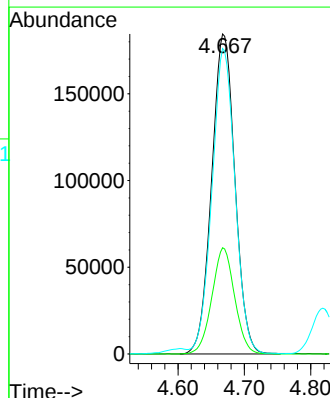
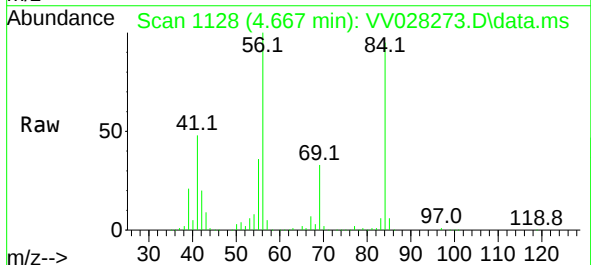
Tgt Ion: 56 Resp: 450080

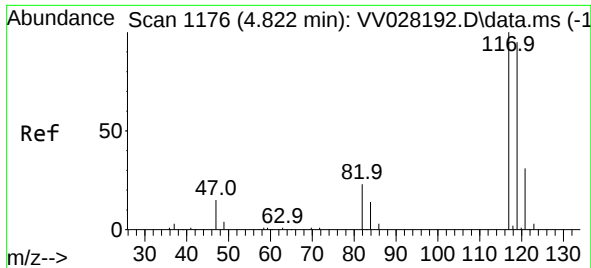
Ion Ratio Lower Upper

56 100

69 32.4 23.7 35.5

84 94.7 67.3 100.9

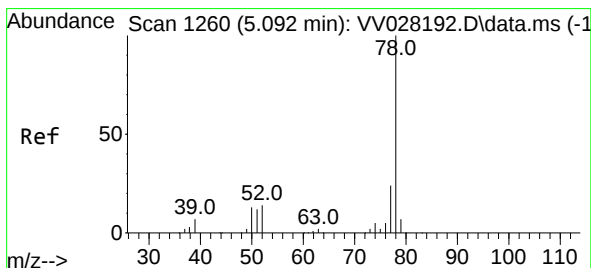
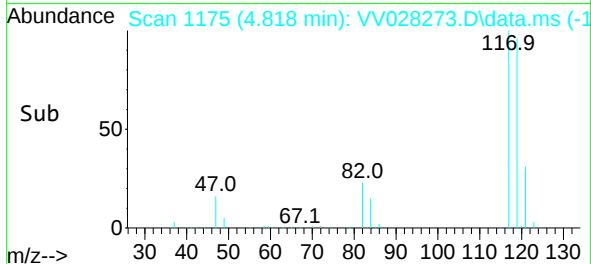
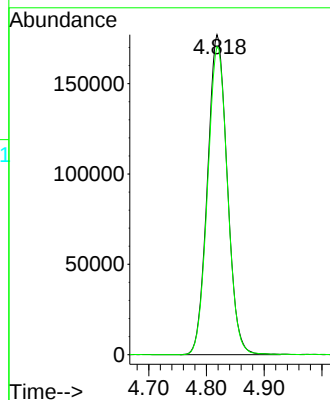
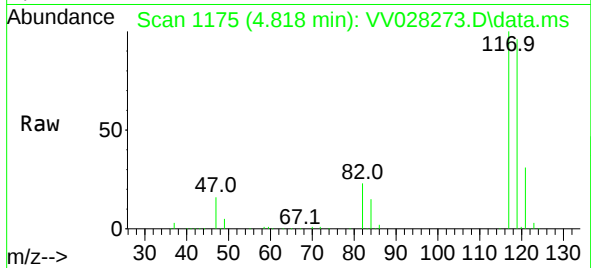




#31
Carbon tetrachloride
Concen: 23.270 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

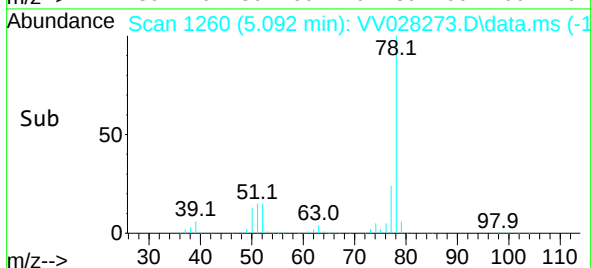
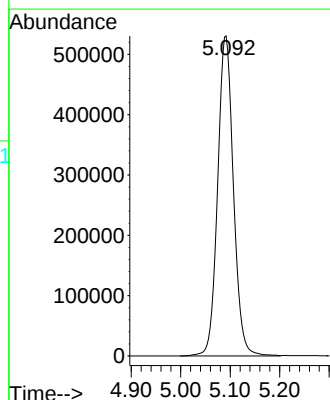
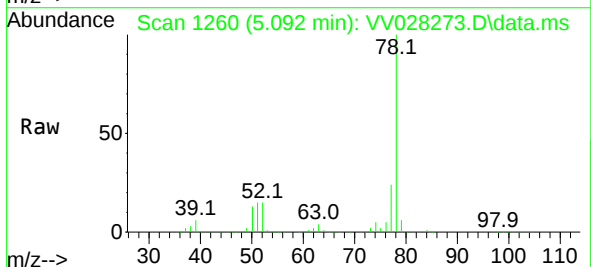
Instrument :
MSVOA_V
ClientSampleId :

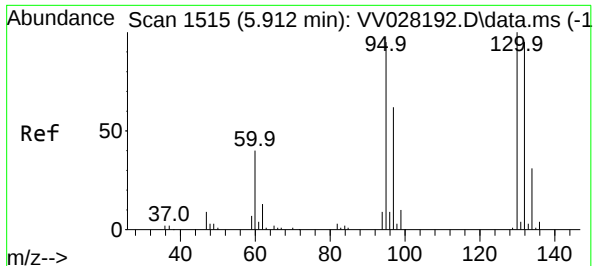
Tgt Ion:117 Resp: 421722
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 23.646 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 78 Resp: 1176929

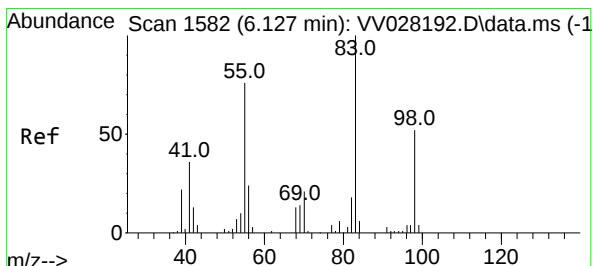
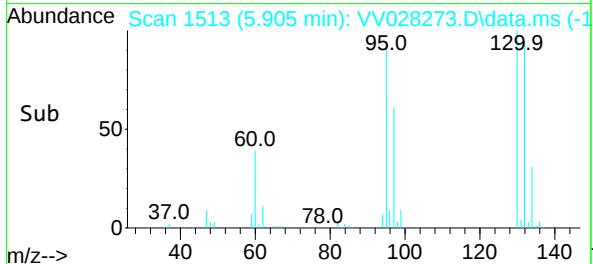
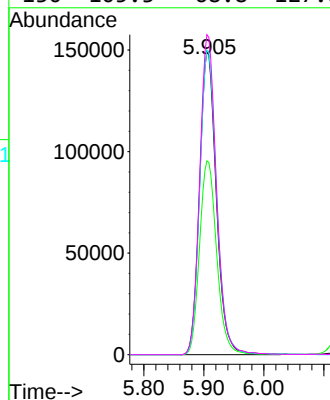
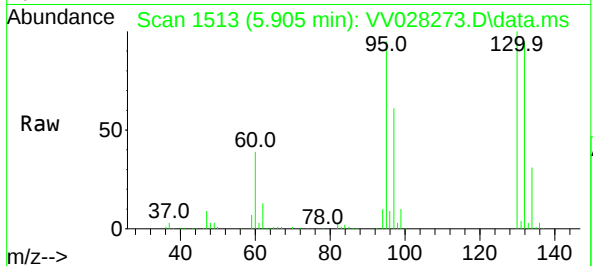




#34
Trichloroethene
Concen: 23.465 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

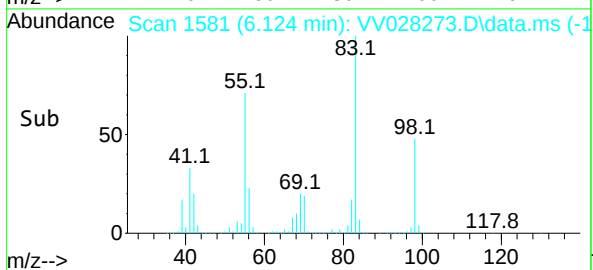
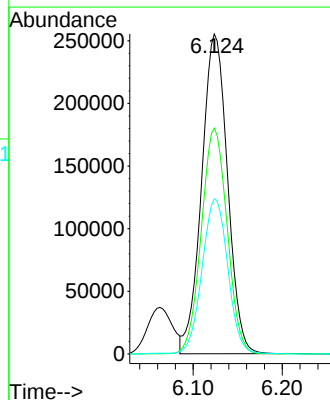
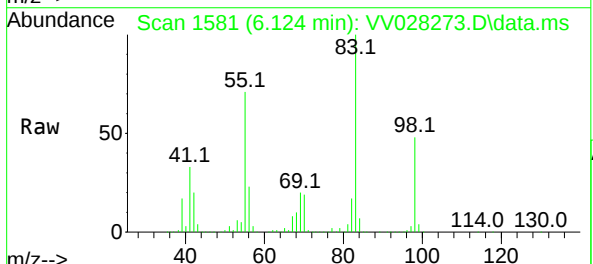
Instrument :
MSVOA_V
ClientSampleId :

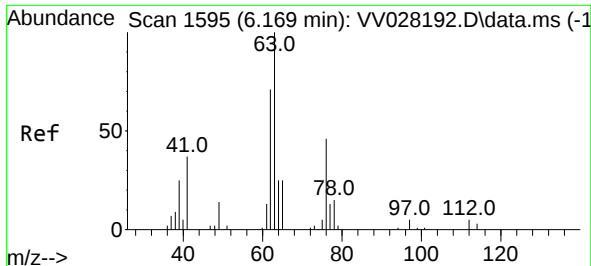
Tgt Ion: 95 Resp: 290708
Ion Ratio Lower Upper
95 100
97 63.8 44.2 82.0
132 100.1 67.8 126.0
130 105.3 68.8 127.8



#35
Methylcyclohexane
Concen: 30.296 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 83 Resp: 514756
Ion Ratio Lower Upper
83 100
55 70.3 64.7 97.1
98 48.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 19.312 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.004 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

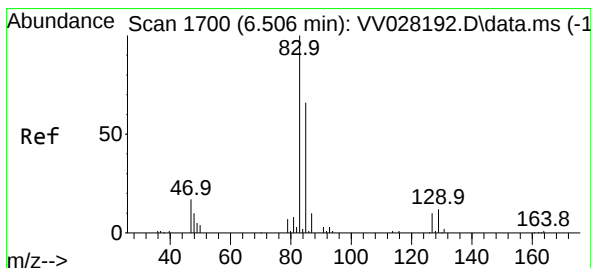
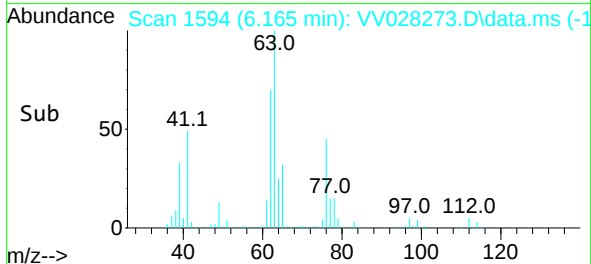
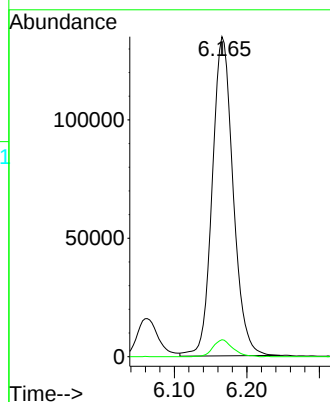
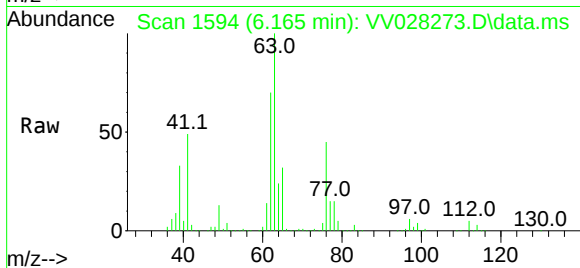
ClientSampleId :

Tgt Ion: 63 Resp: 269467

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 21.063 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

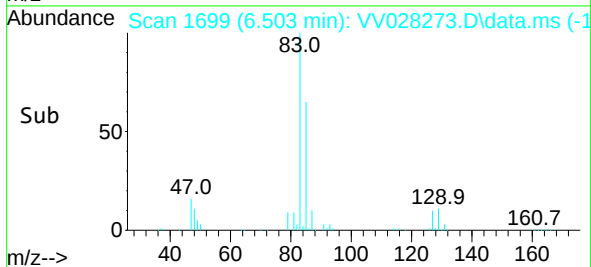
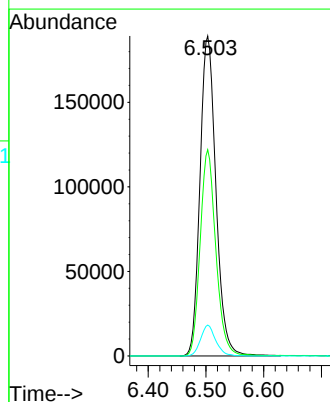
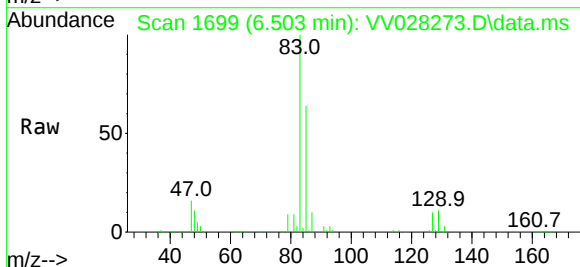
Tgt Ion: 83 Resp: 362833

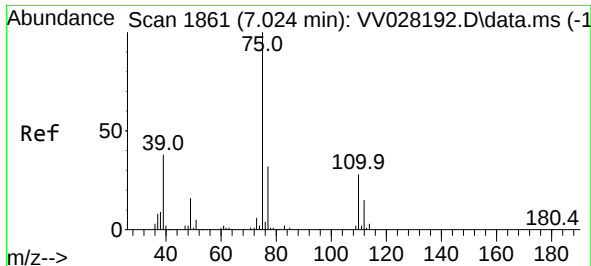
Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4

127 9.7 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 24.128 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

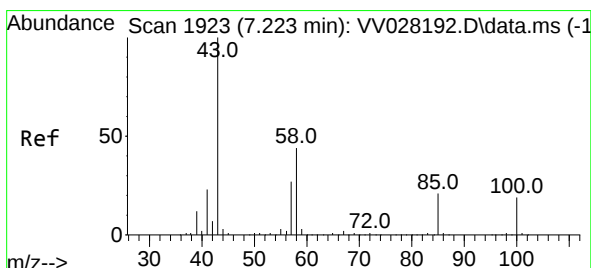
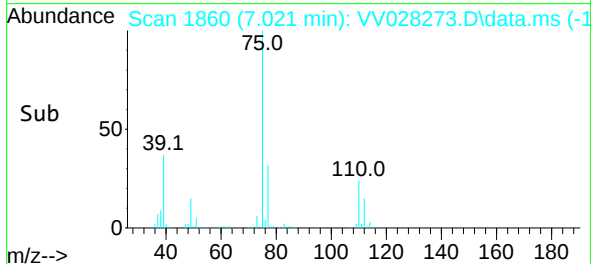
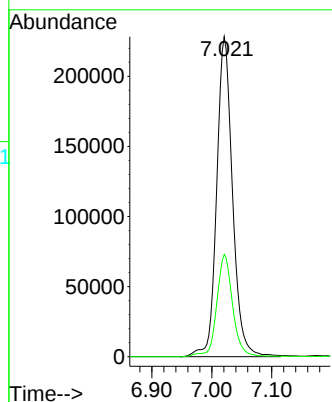
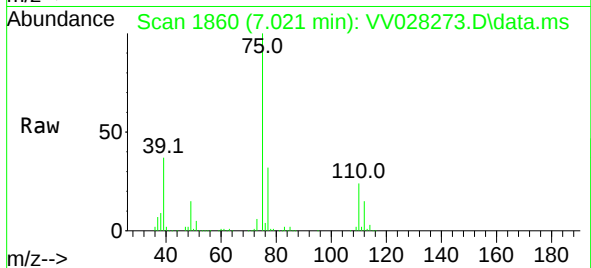
ClientSampleId :

Tgt Ion: 75 Resp: 418167

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 198.619 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

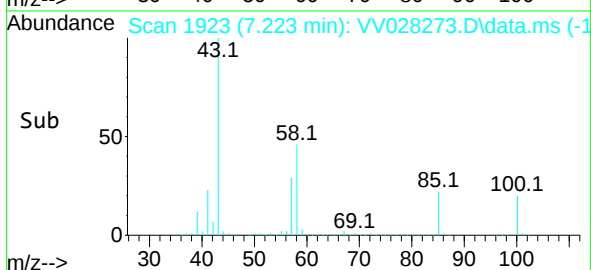
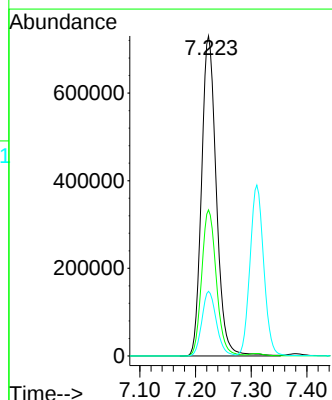
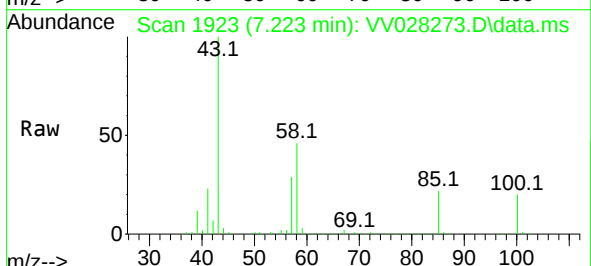
Tgt Ion: 43 Resp: 1345802

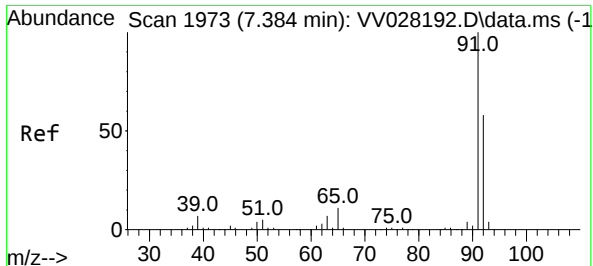
Ion Ratio Lower Upper

43 100

58 45.3 32.2 48.4

100 19.8 12.7 19.1

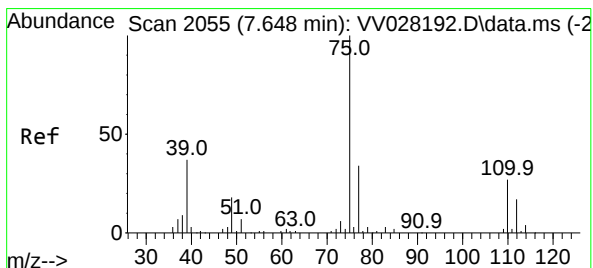
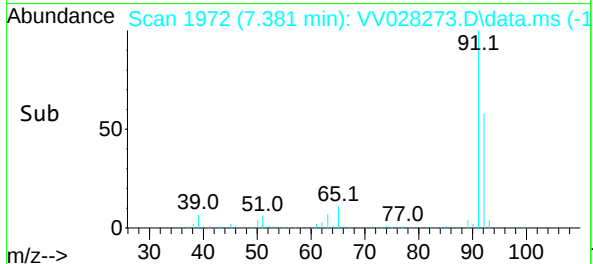
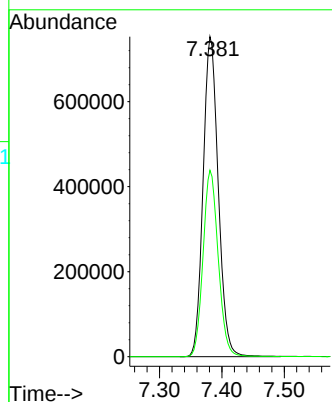
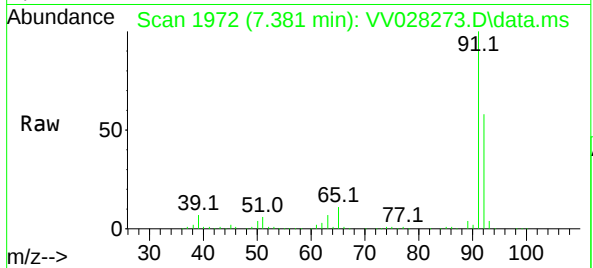




#42
Toluene
Concen: 24.515 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

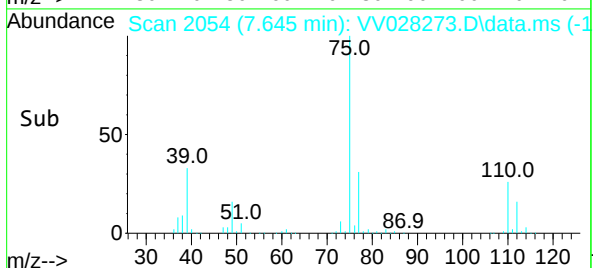
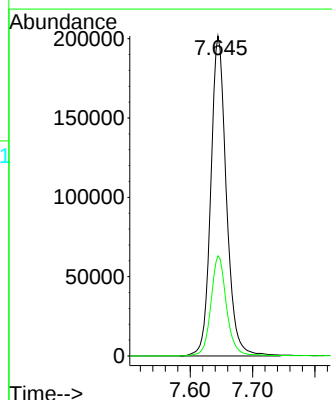
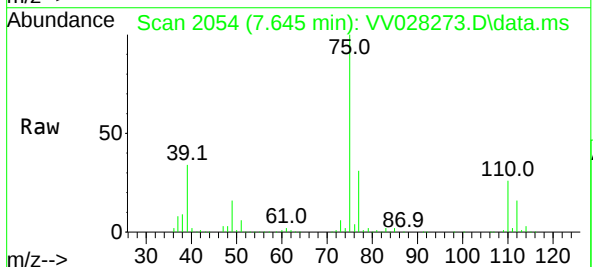
Instrument :
MSVOA_V
ClientSampleId :

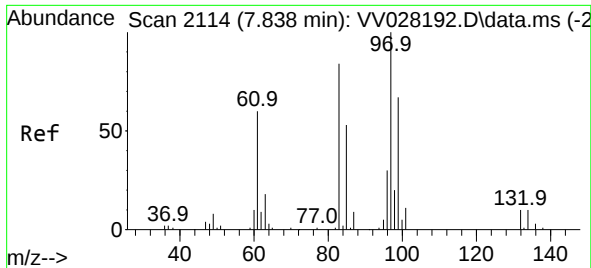
Tgt Ion: 91 Resp: 1272797
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 23.546 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

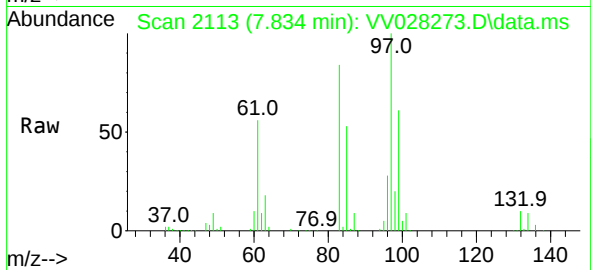
Tgt Ion: 75 Resp: 351001
Ion Ratio Lower Upper
75 100
77 31.3 23.9 44.3



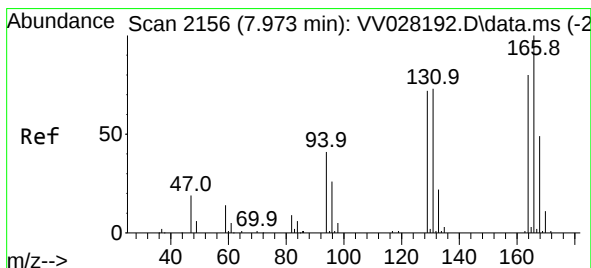
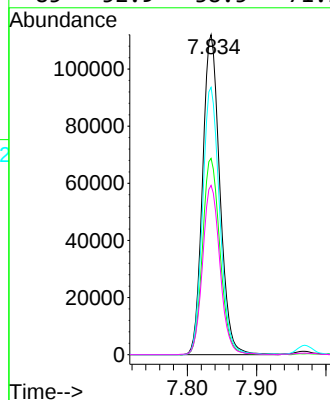
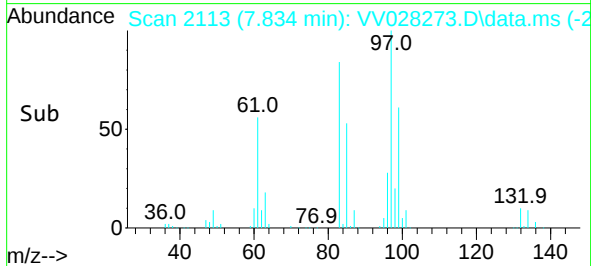


#45
1,1,2-Trichloroethane
Concen: 20.735 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

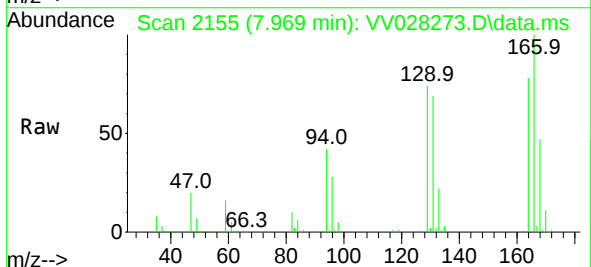
Instrument :
MSVOA_V
ClientSampleId :



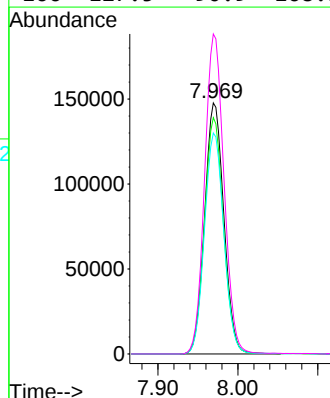
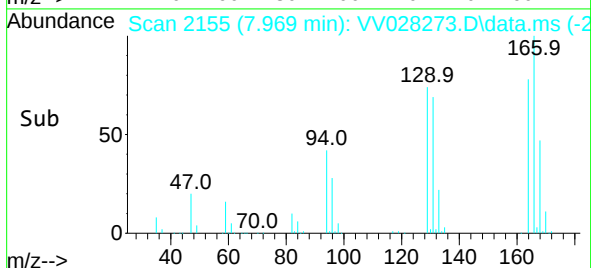
Tgt Ion:	97	Resp:	193937
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.2	80.2
83	83.5	59.1	109.9
85	52.9	38.5	71.5

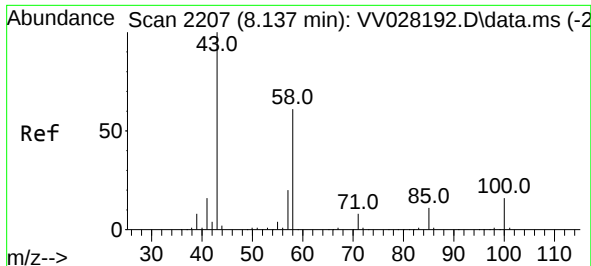


#47
Tetrachloroethene
Concen: 25.016 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08



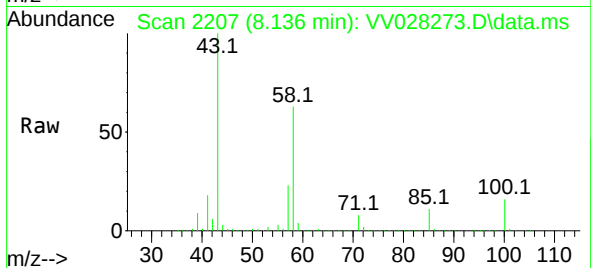
Tgt Ion:	164	Resp:	247391
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.7	123.9
131	88.0	61.7	114.5
166	127.5	90.9	168.9



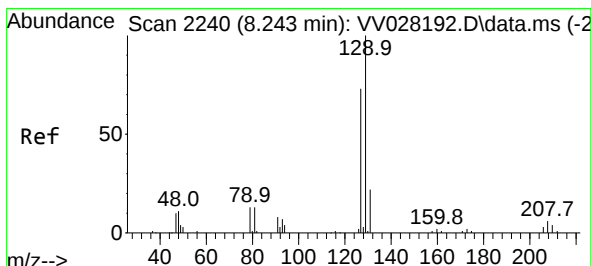
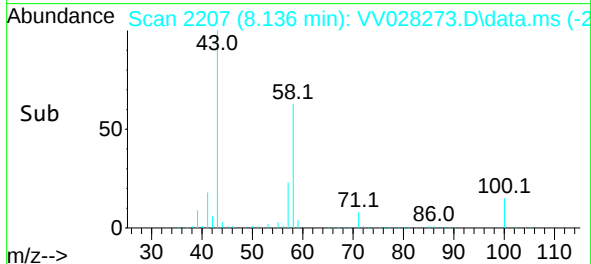
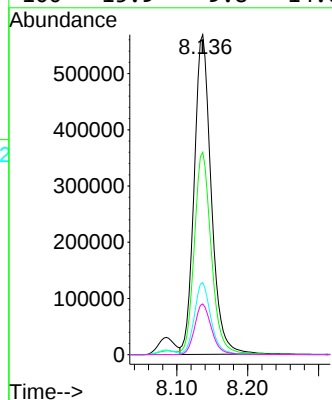


#48
2-Hexanone
Concen: 184.542 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Instrument :
MSVOA_V
ClientSampleId :

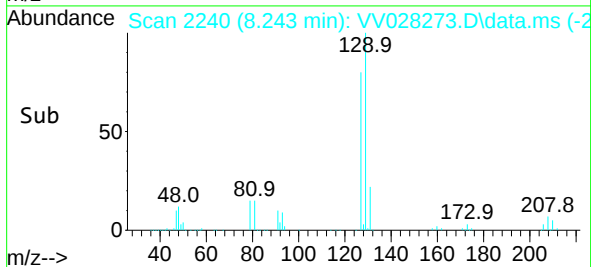
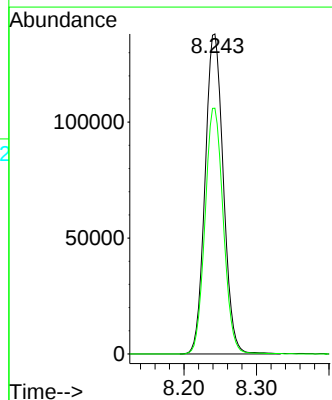
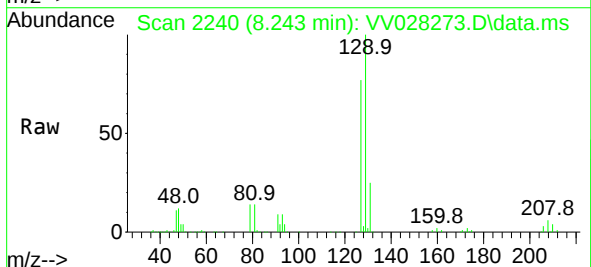


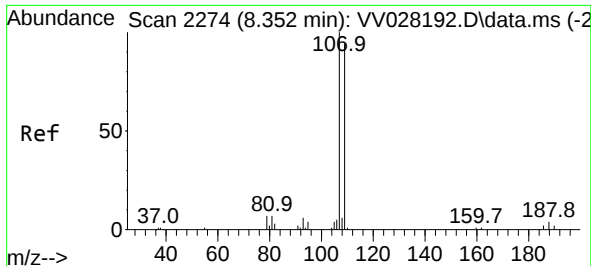
Tgt Ion:	43	Resp:	949250
Ion	Ratio	Lower	Upper
43	100		
58	63.1	45.7	68.5
57	22.0	15.5	23.3
100	15.9	9.8	14.6



#49
Dibromochloromethane
Concen: 21.465 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion:	129	Resp:	241394
Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.3	100.9





#50

1,2-Dibromoethane

Concen: 21.698 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

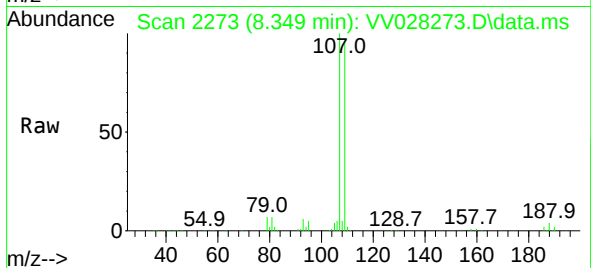
Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :



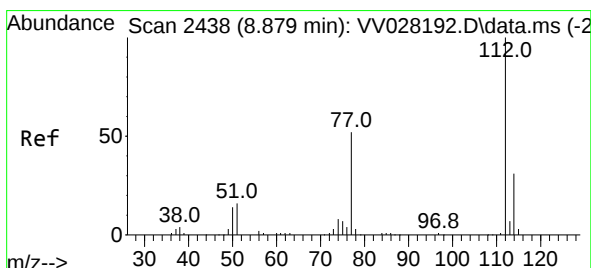
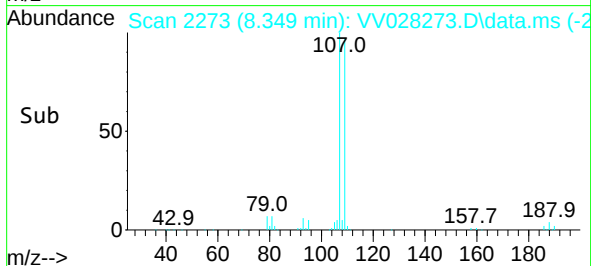
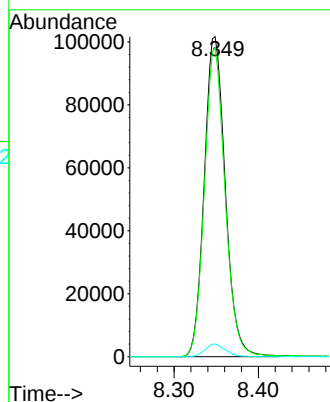
Tgt Ion:107 Resp: 176364

Ion Ratio Lower Upper

107 100

109 96.5 65.9 122.5

188 3.9 3.4 5.0



#51

Chlorobenzene

Concen: 22.915 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

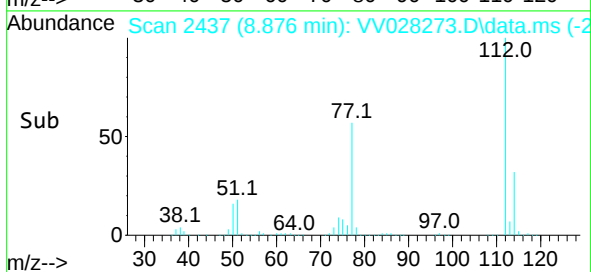
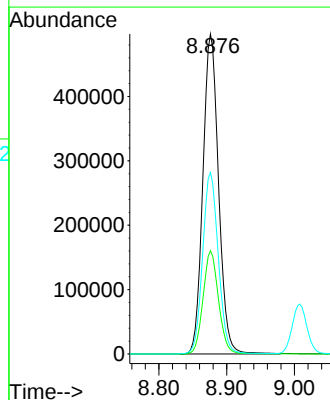
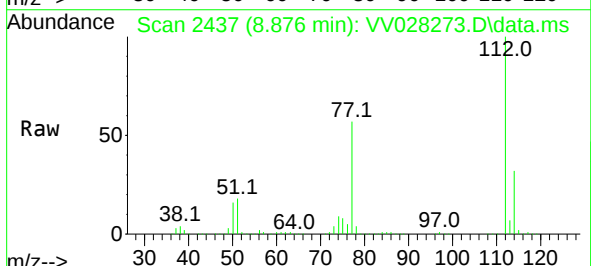
Tgt Ion:112 Resp: 797938

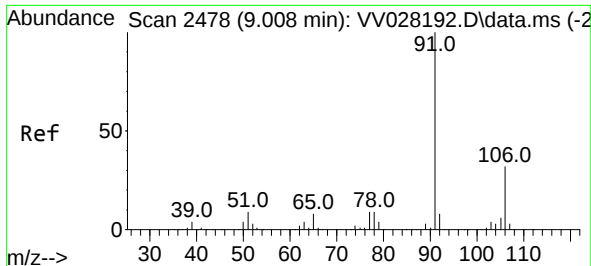
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 56.8 46.1 69.1

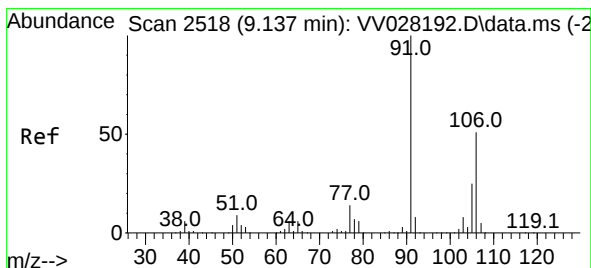
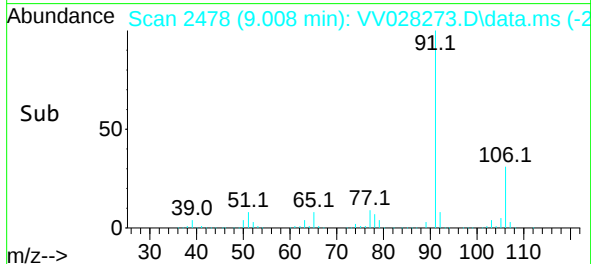
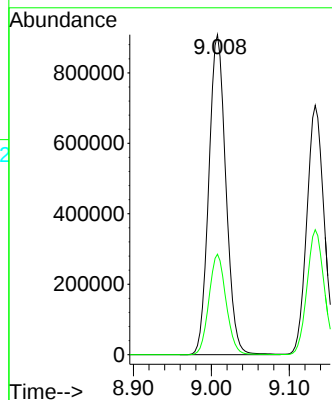
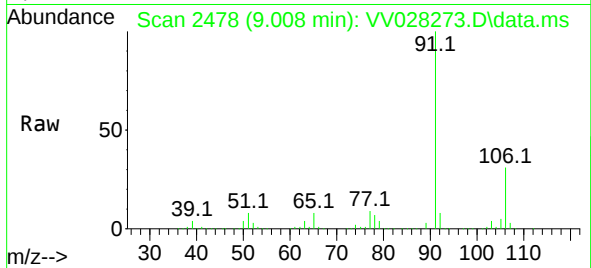




#52
Ethylbenzene
Concen: 25.125 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

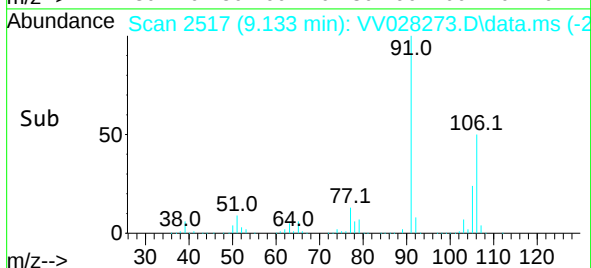
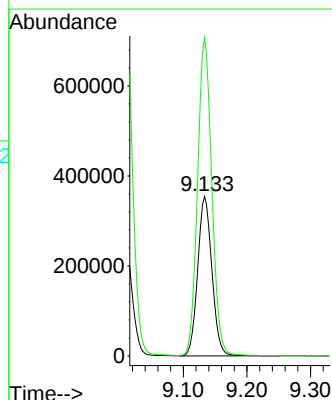
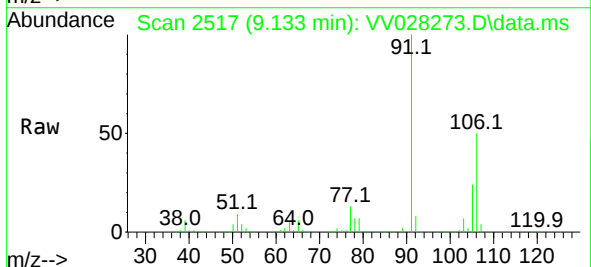
Instrument :
MSVOA_V
ClientSampleId :

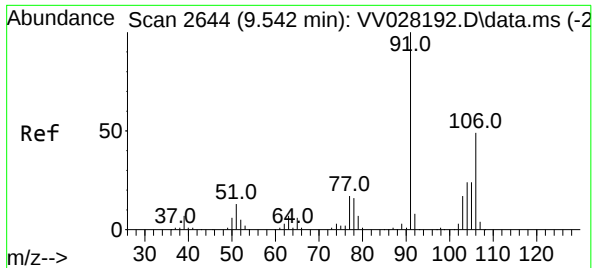
Tgt Ion: 91 Resp: 1380019
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 26.072 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 106 Resp: 548800
Ion Ratio Lower Upper
106 100
91 199.4 141.9 263.5

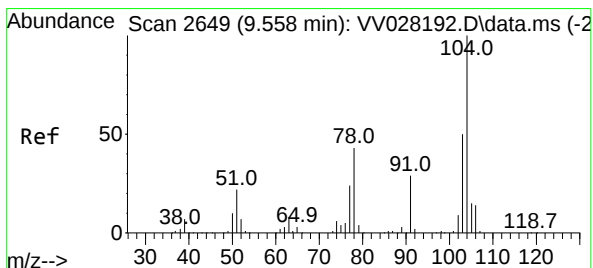
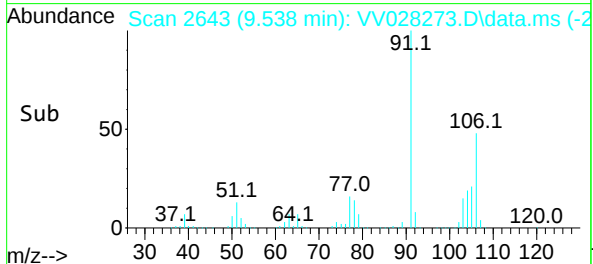
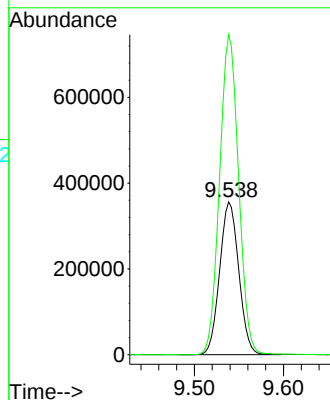
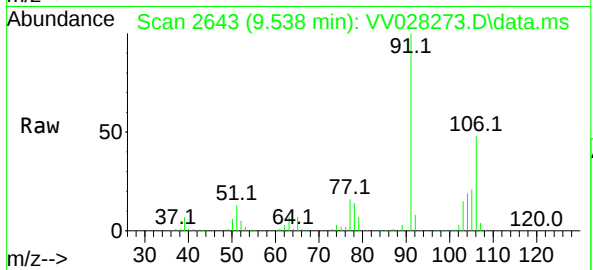




#54
o-Xylene
Concen: 25.576 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

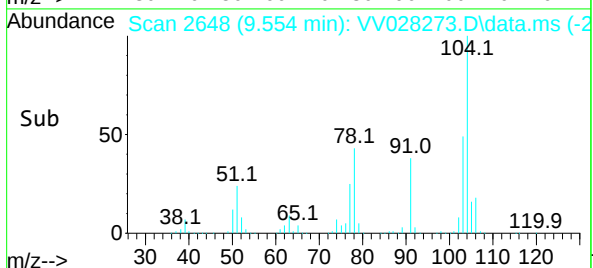
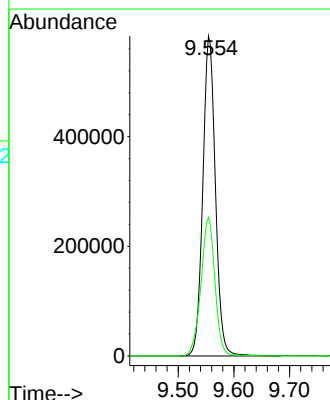
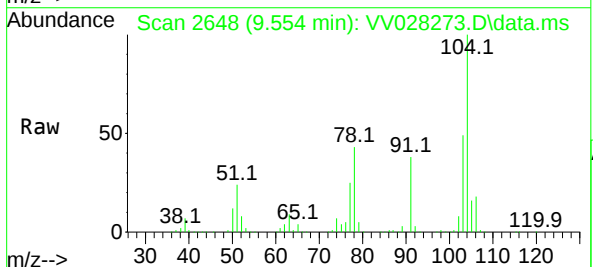
Instrument :
MSVOA_V
ClientSampleId :

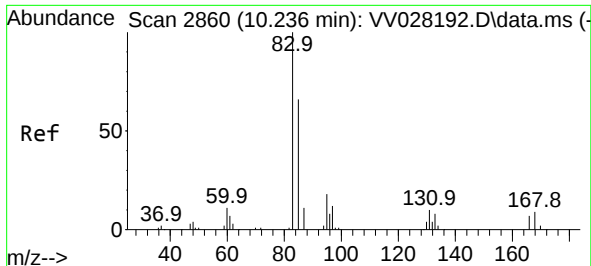
Tgt Ion:106 Resp: 531635
Ion Ratio Lower Upper
106 100
91 209.3 148.1 275.0



#55
Styrene
Concen: 25.468 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion:104 Resp: 917305
Ion Ratio Lower Upper
104 100
78 43.2 31.0 57.6

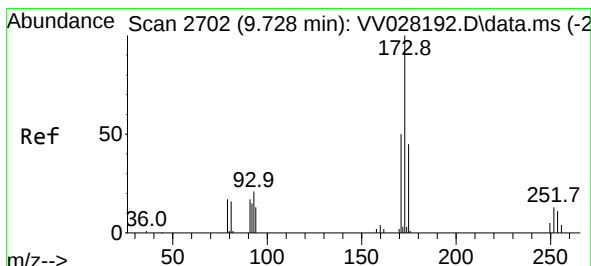
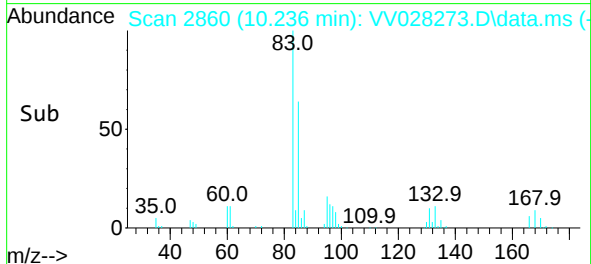
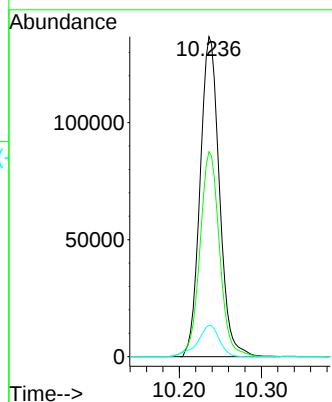
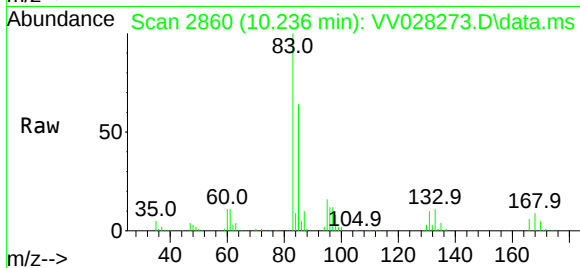




#57
1,1,2,2-Tetrachloroethane
Concen: 20.464 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

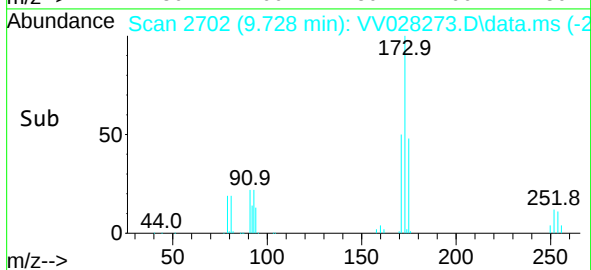
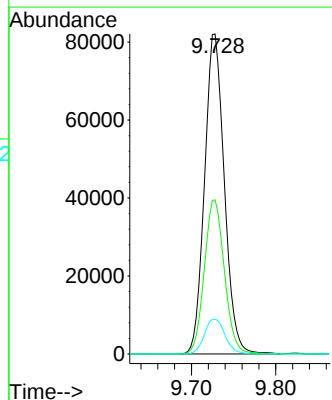
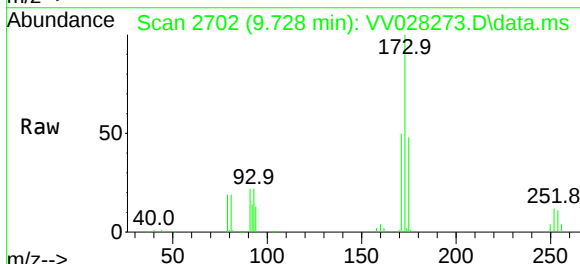
Instrument :
MSVOA_V
ClientSampleId :

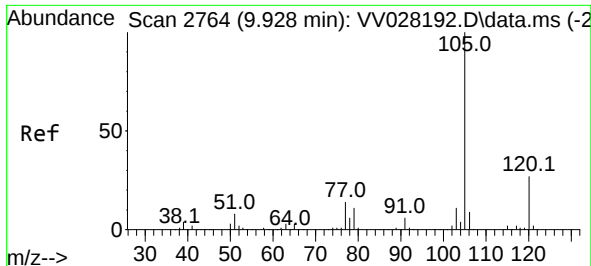
Tgt Ion: 83 Resp: 223016
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 9.8 7.8 11.8



#59
Bromoform
Concen: 20.677 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 173 Resp: 134155
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 11.3 8.7 13.1

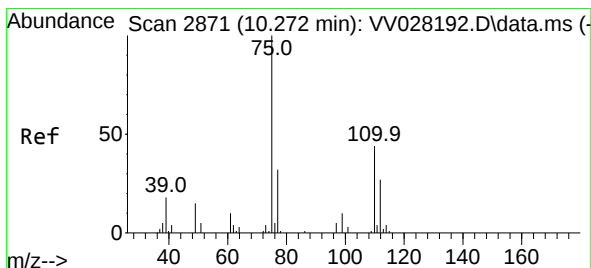
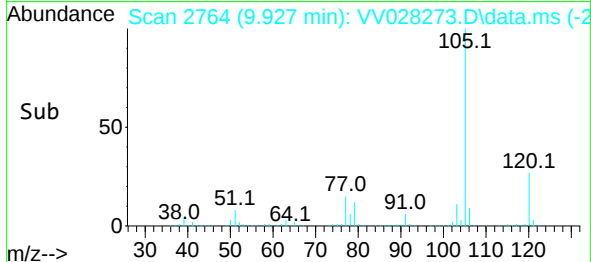
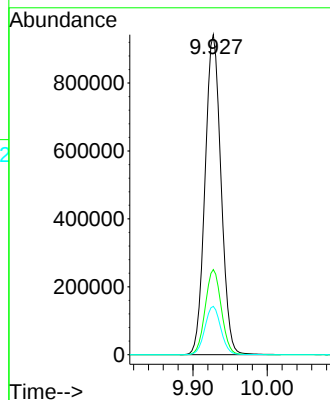
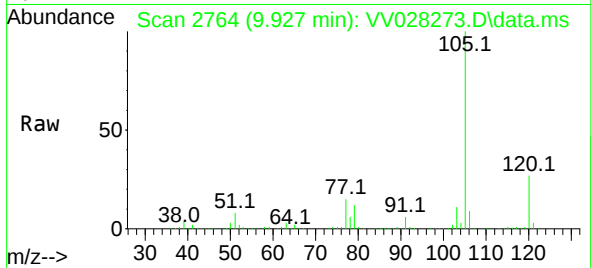




#60
Isopropylbenzene
Concen: 23.429 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

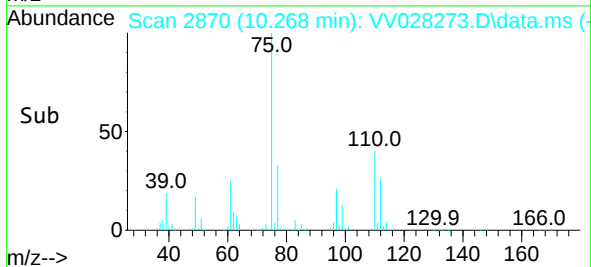
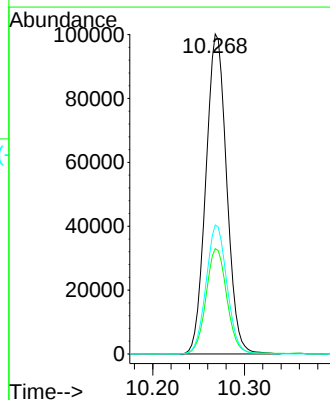
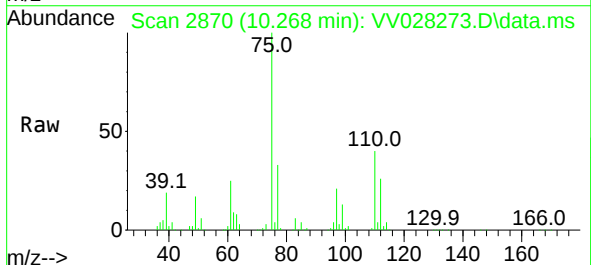
Instrument :
MSVOA_V
ClientSampleId :

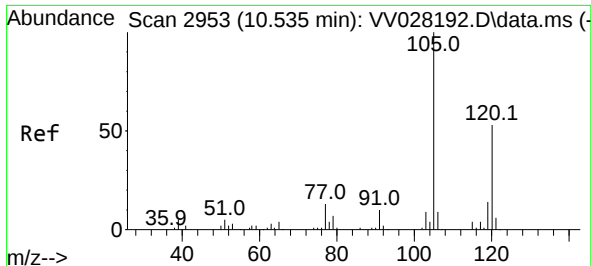
Tgt Ion:105 Resp: 1405356
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 18.433 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion: 75 Resp: 157988
Ion Ratio Lower Upper
75 100
77 33.0 26.7 40.1
110 40.6 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 24.182 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

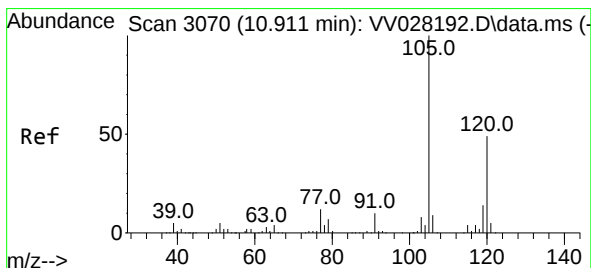
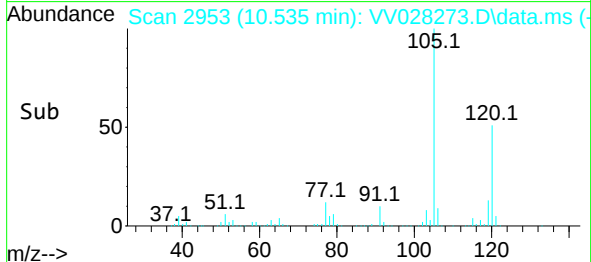
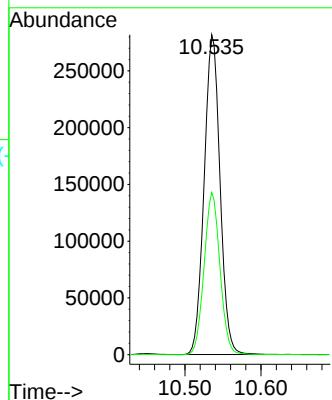
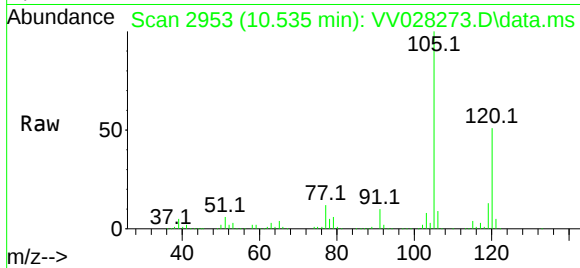
ClientSampleId :

Tgt Ion:105 Resp: 408566

Ion Ratio Lower Upper

105 100

120 50.7 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 25.484 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028273.D

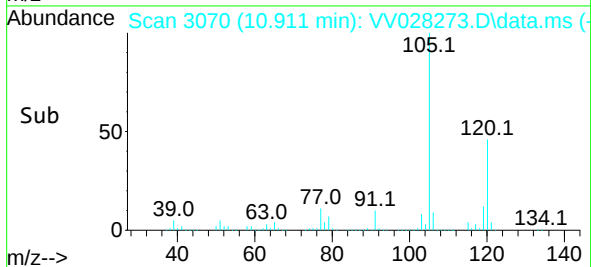
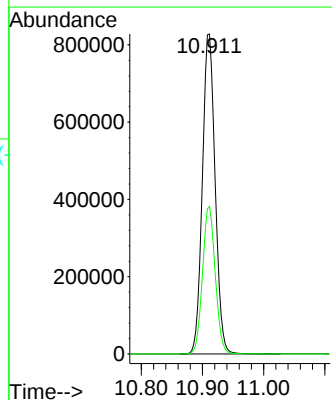
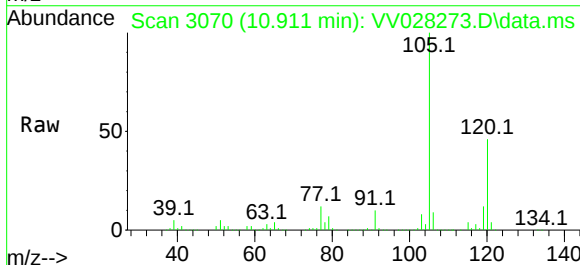
Acq: 03 Oct 2022 12:08

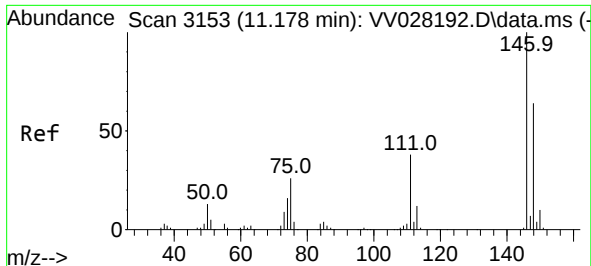
Tgt Ion:105 Resp: 1203595

Ion Ratio Lower Upper

105 100

120 45.9 37.8 56.8

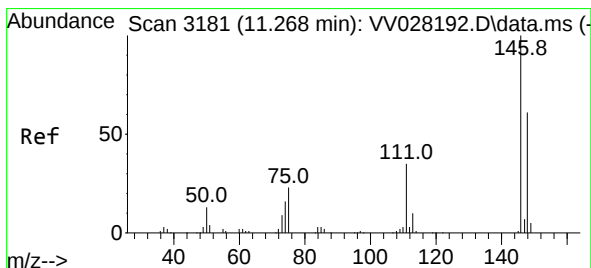
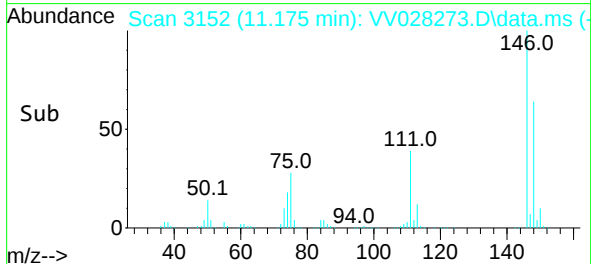
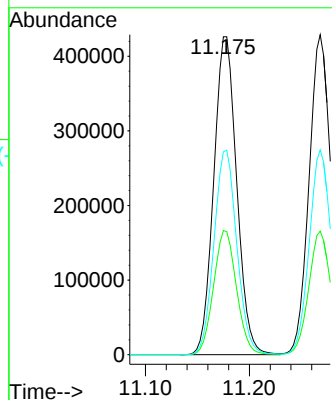
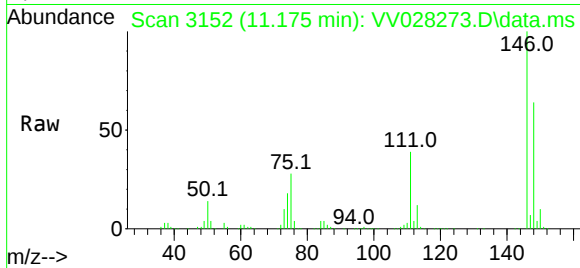




#64
1,3-Dichlorobenzene
Concen: 21.953 ug/L
RT: 11.175 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

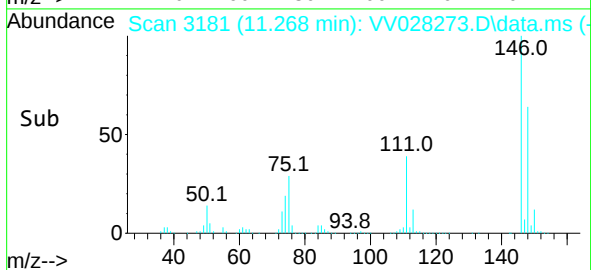
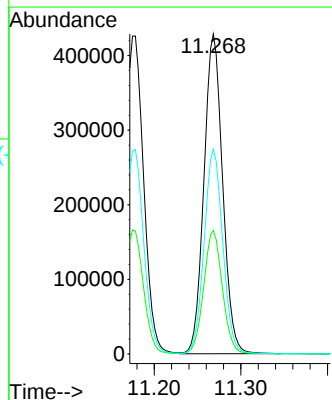
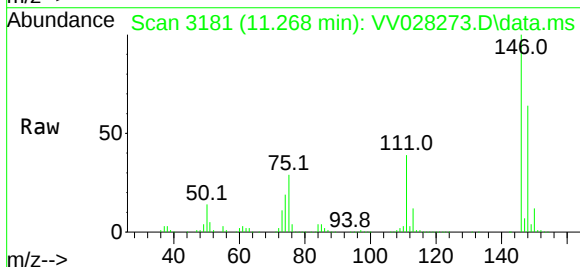
Instrument :
MSVOA_V
ClientSampleId :

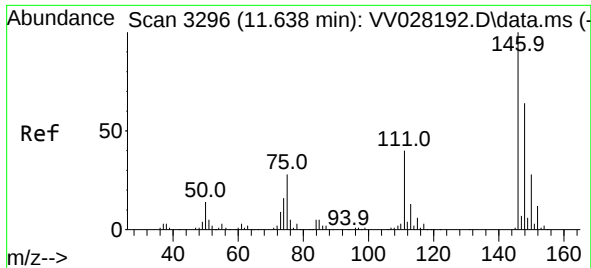
Tgt Ion:146 Resp: 655254
Ion Ratio Lower Upper
146 100
111 39.1 27.1 50.3
148 63.8 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 21.440 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028273.D
Acq: 03 Oct 2022 12:08

Tgt Ion:146 Resp: 640274
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 64.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 20.992 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

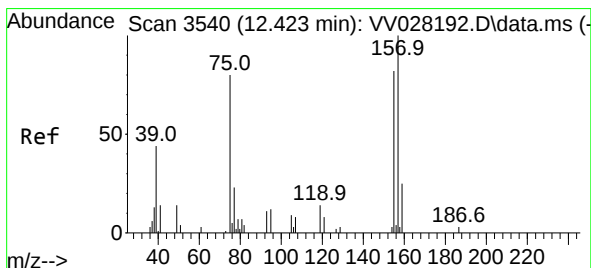
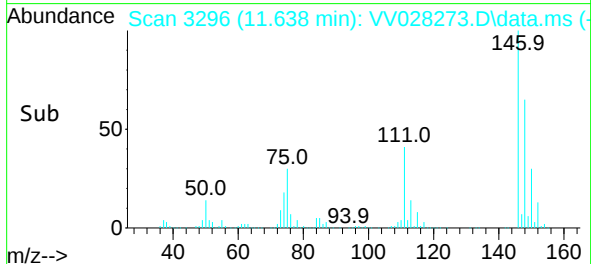
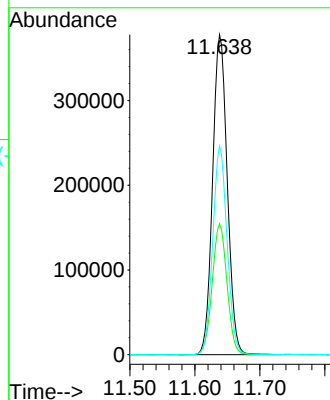
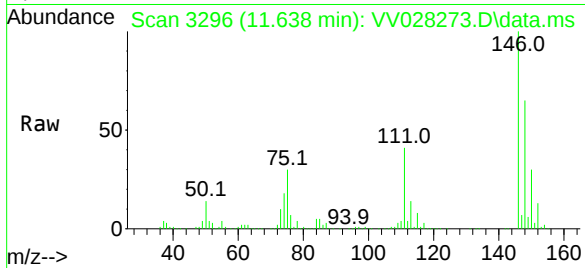
Tgt Ion:146 Resp: 591878

Ion Ratio Lower Upper

146 100

111 41.0 32.6 49.0

148 65.2 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 19.642 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

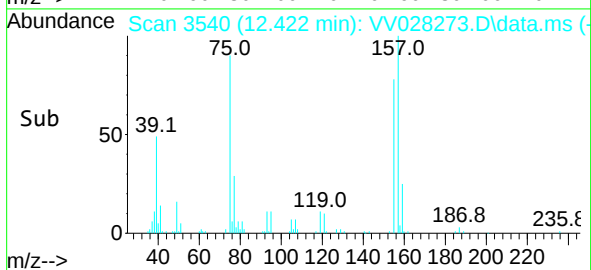
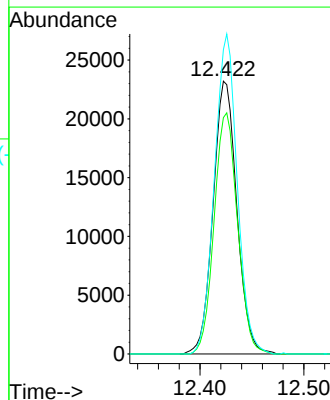
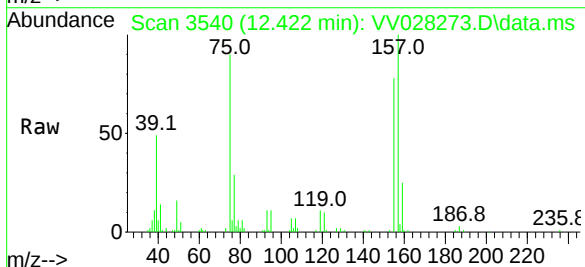
Tgt Ion: 75 Resp: 36903

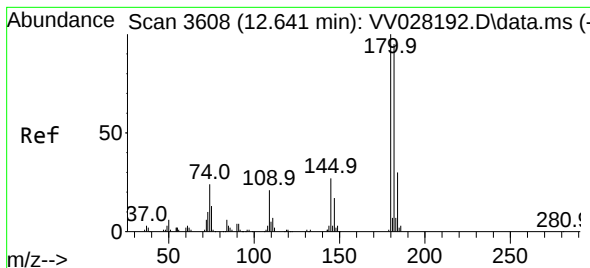
Ion Ratio Lower Upper

75 100

155 86.6 73.6 110.4

157 111.5 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 21.928 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

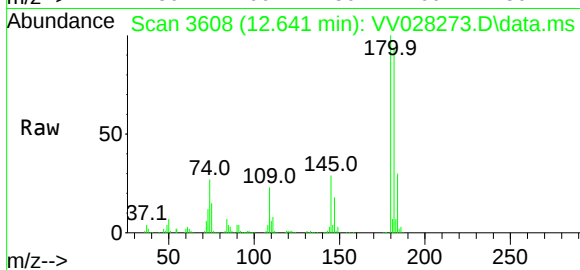
Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 518046

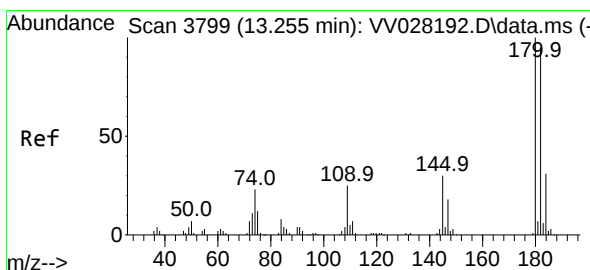
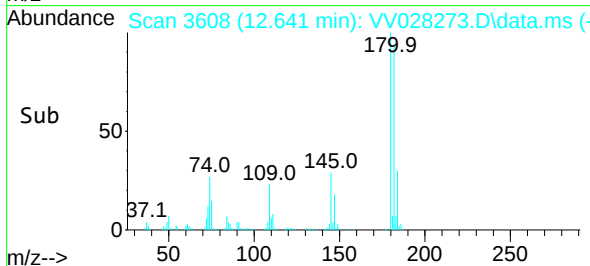
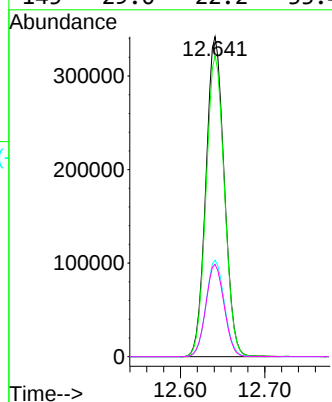
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

184 30.3 23.7 35.5

145 29.0 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 22.432 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

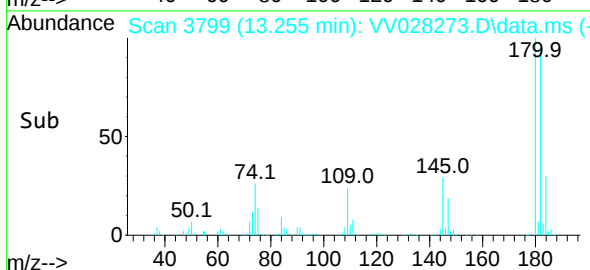
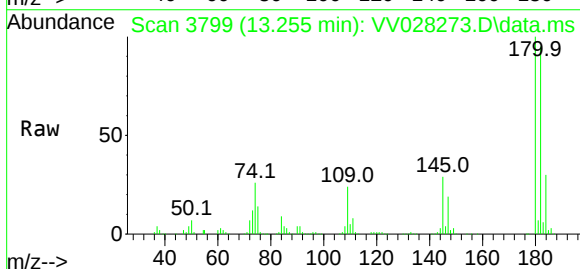
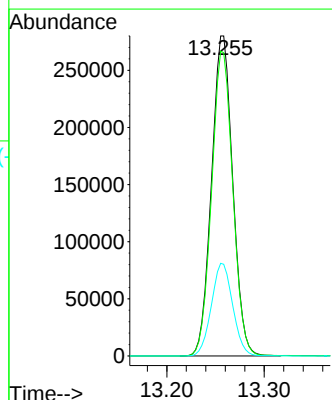
Tgt Ion:180 Resp: 423829

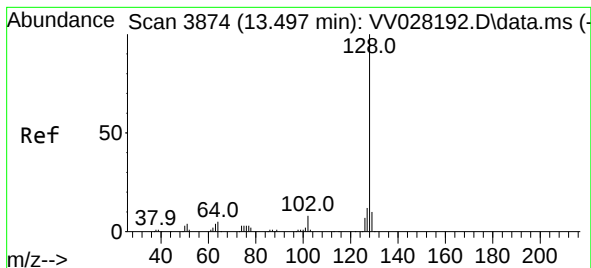
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 29.1 22.9 34.3





#71

Naphthalene

Concen: 22.170 ug/L

RT: 13.496 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

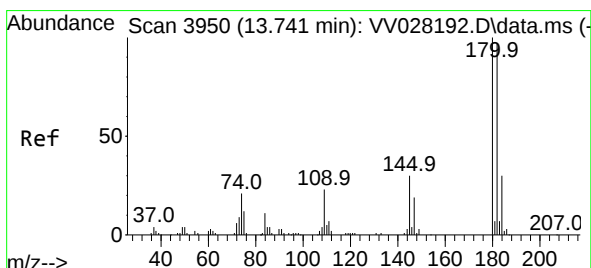
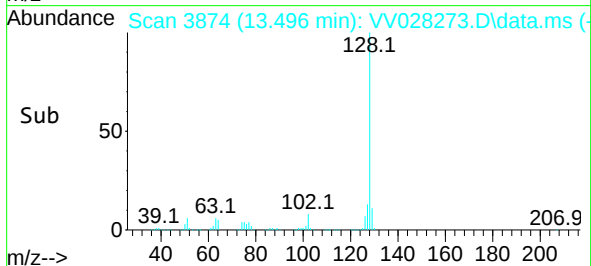
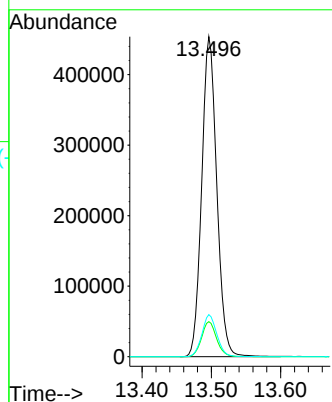
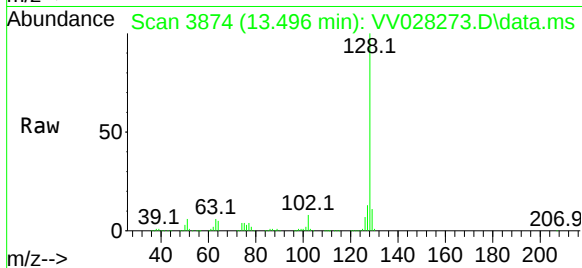
Tgt Ion:128 Resp: 685933

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.2

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 21.775 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028273.D

Acq: 03 Oct 2022 12:08

Tgt Ion:180 Resp: 372138

Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

145 31.6 24.6 36.8

