

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027574.D
 Acq On : 29 Aug 2022 20:02
 Operator : SY/MD
 Sample : N4402-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

Quant Time: Aug 30 04:20:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129494	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43593	4.730	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.565	69	37315	5.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.600%	
11) 1,1-Dichloroethene-d2	2.108	63	91188	4.243	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	3.892	46	65841	57.406	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.820%	
24) Chloroform-d	4.346	84	75677	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.034	65	37114	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.047	84	142790	3.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	65.800%#	
36) 1,2-Dichloropropane-d6	6.069	67	40120	3.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	63.400%	
41) Toluene-d8	7.314	98	172388	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.625	79	11815	2.731	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	54.600%#	
46) 2-Hexanone-d5	8.088	63	61796	43.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37481	4.657	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46616	4.459	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	51923	3.779	ug/L	100
3) Chloromethane	1.240	50	49666	4.139	ug/L	97
5) Vinyl chloride	1.311	62	57802	4.785	ug/L	92
6) Bromomethane	1.520	94	24103	4.035	ug/L	100
8) Chloroethane	1.584	64	36267	5.138	ug/L	94
9) Trichlorofluoromethane	1.751	101	93477	4.871	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	49430	4.563	ug/L	96
12) 1,1-Dichloroethene	2.118	96	44753	4.568	ug/L	97
13) Acetone	2.175	43	78647	71.802	ug/L	100
14) Carbon disulfide	2.291	76	91256	3.394	ug/L	99
15) Methyl Acetate	2.175	43	77567	25.571	ug/L #	56
16) Methylene chloride	2.503	84	43442	2.941	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	100575	4.961	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	38251	3.789	ug/L	99
19) 1,1-Dichloroethane	3.188	63	82167	3.932	ug/L	99
21) 2-Butanone	3.976	43	77292	53.023	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	46989	4.368	ug/L	91
23) Bromochloromethane	4.249	128	20515	4.325	ug/L #	74
25) Chloroform	4.375	83	105337	4.636	ug/L	99

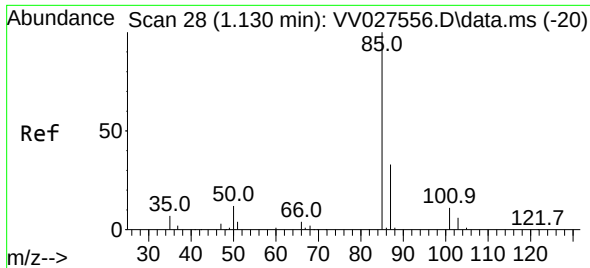
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55136	4.776	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	88658	3.681	ug/L	98
30) Cyclohexane	4.674	56	57045	3.085	ug/L	99
31) Carbon tetrachloride	4.825	117	74632	3.563	ug/L	97
33) Benzene	5.098	78	181876	3.486	ug/L	100
34) Trichloroethene	5.912	95	47343	3.448	ug/L	94
35) Methylcyclohexane	6.127	83	57625	2.984	ug/L	95
37) 1,2-Dichloropropane	6.172	63	46833	3.367	ug/L	99
38) Bromodichloromethane	6.510	83	83372	4.727	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	46607	2.779	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	305442	49.146	ug/L	99
42) Toluene	7.387	91	252563	4.690	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	39641	2.796	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	43607	4.904	ug/L	95
47) Tetrachloroethene	7.973	164	83598	7.815	ug/L	98
48) 2-Hexanone	8.140	43	227873	50.883	ug/L	98
49) Dibromochloromethane	8.246	129	49774	4.551	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36675	4.725	ug/L	100
51) Chlorobenzene	8.883	112	151884	4.358	ug/L	98
52) Ethylbenzene	9.011	91	235743	4.289	ug/L	100
53) m,p-Xylene	9.137	106	91012	4.326	ug/L	98
54) o-Xylene	9.542	106	88206	4.323	ug/L	97
55) Styrene	9.561	104	119622	3.446	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	45447	4.537	ug/L	98
59) Bromoform	9.731	173	23860	5.048	ug/L	99
60) Isopropylbenzene	9.931	105	229567	4.947	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	33021	5.337	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	57297	4.453	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	160436	4.426	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	101963	4.460	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	101712	4.463	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	98472	4.751	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6440	4.685	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	73119	4.285	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	50150	4.044	ug/L	99
71) Naphthalene	13.500	128	70277	4.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	45777	4.156	ug/L	99

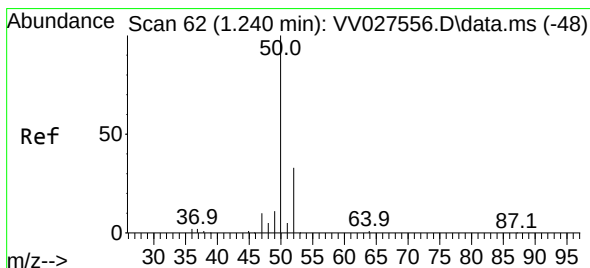
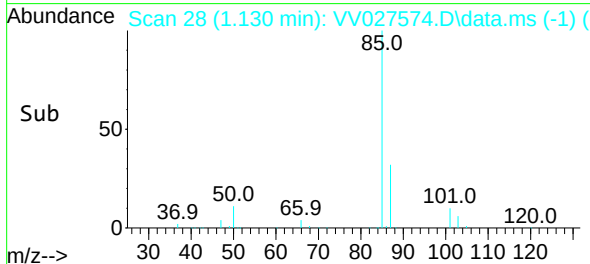
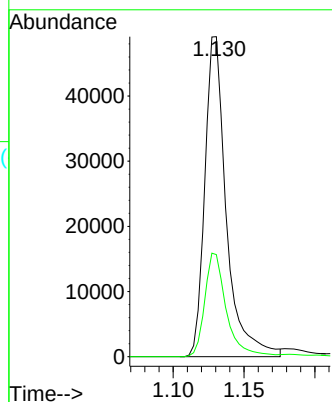
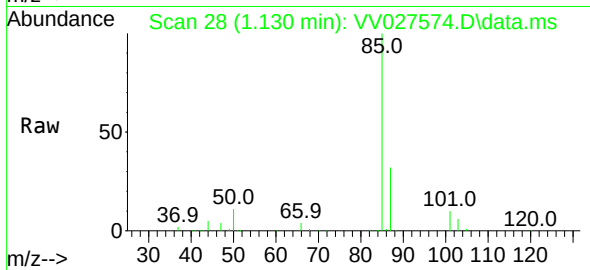
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#2
 Dichlorodifluoromethane
 Concen: 3.779 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

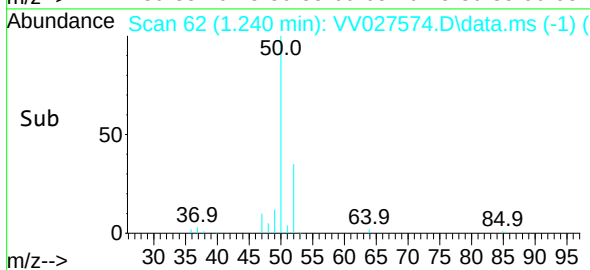
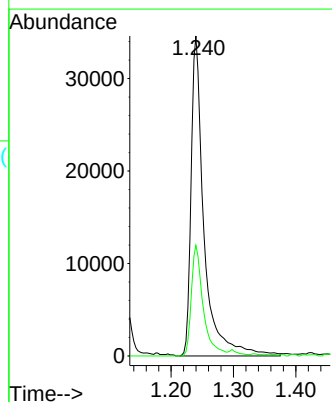
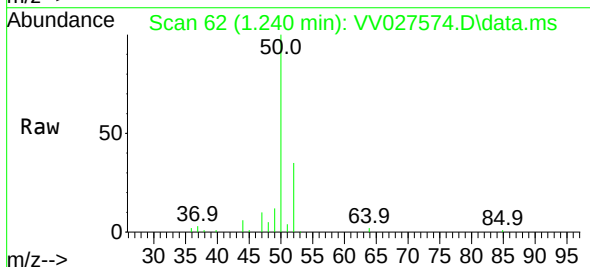
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

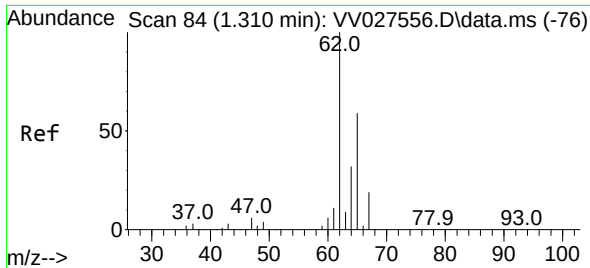
Tgt Ion: 85 Resp: 51923
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.139 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion: 50 Resp: 49666
 Ion Ratio Lower Upper
 50 100
 52 34.5 22.8 42.4

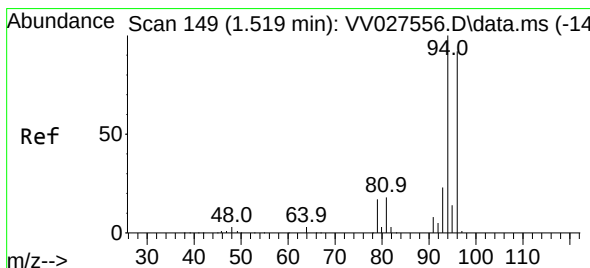
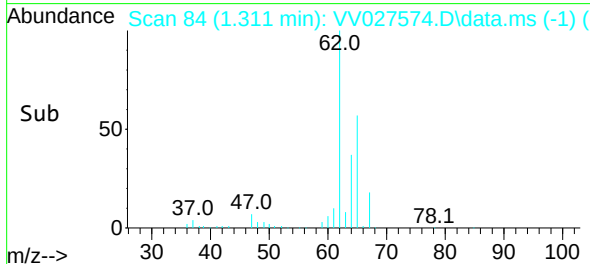
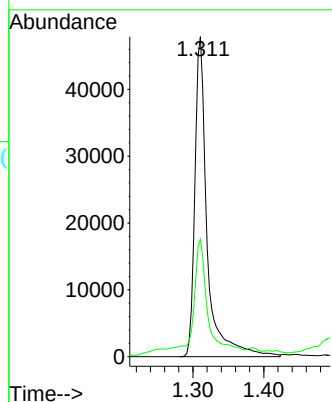
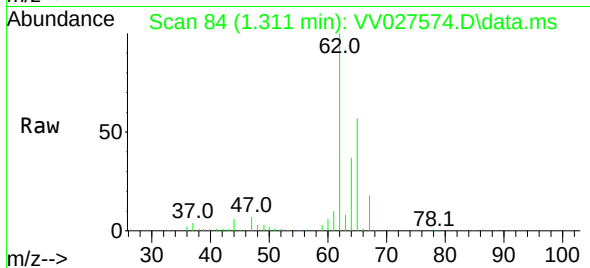




#5
 Vinyl chloride
 Concen: 4.785 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

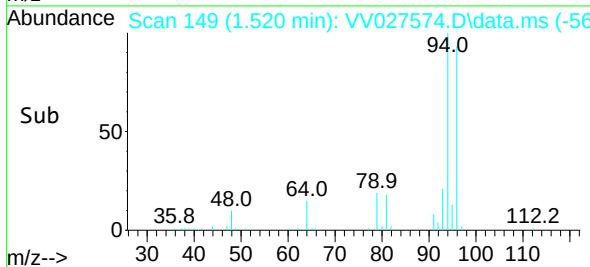
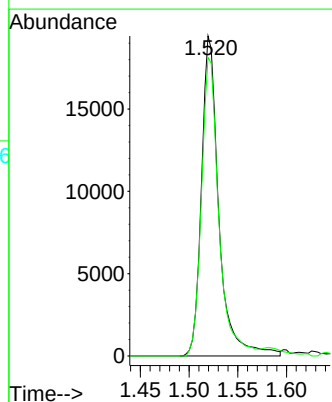
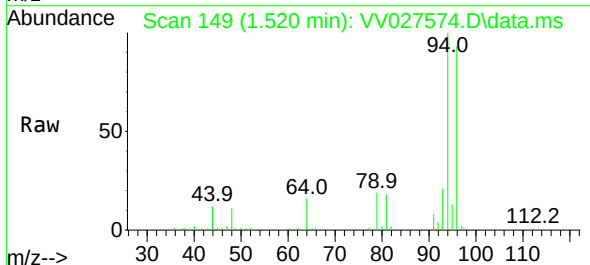
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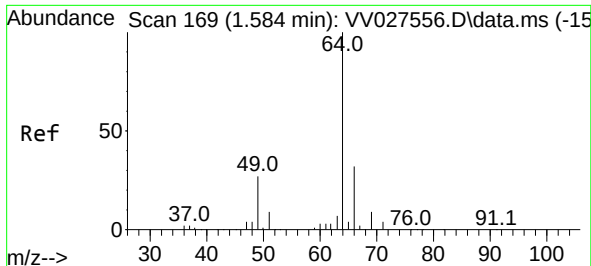
Tgt Ion: 62 Resp: 57802
 Ion Ratio Lower Upper
 62 100
 64 36.7 22.6 42.0



#6
 Bromomethane
 Concen: 4.035 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion: 94 Resp: 24103
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.2 121.0

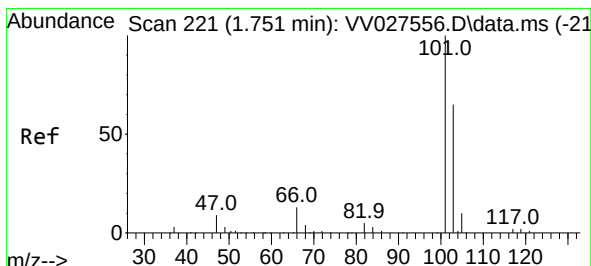
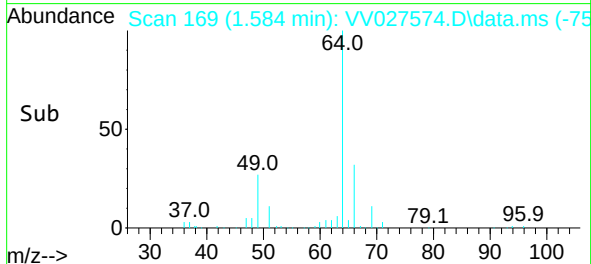
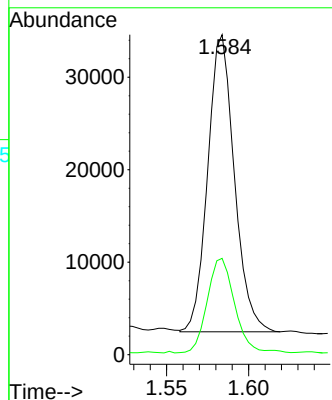
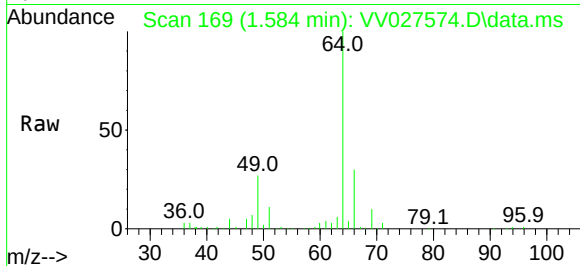




#8
Chloroethane
Concen: 5.138 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

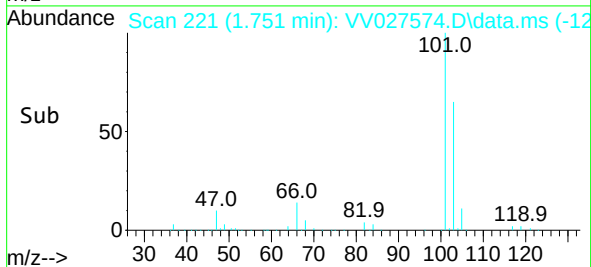
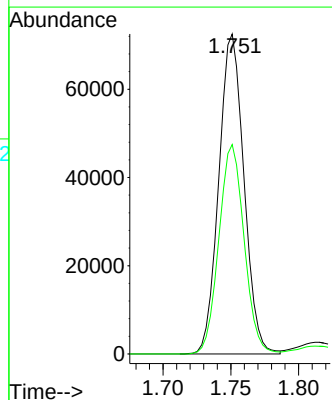
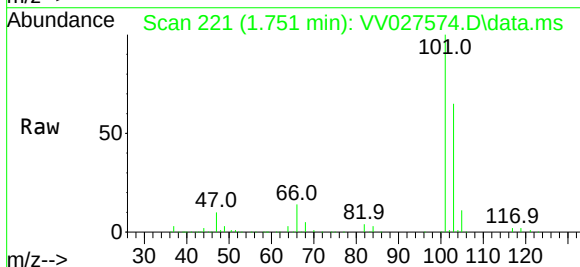
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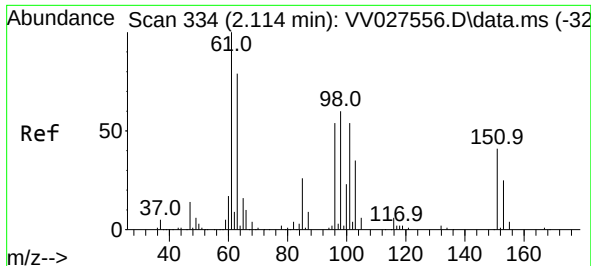
Tgt Ion: 64 Resp: 36267
Ion Ratio Lower Upper
64 100
66 30.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.871 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion:101 Resp: 93477
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

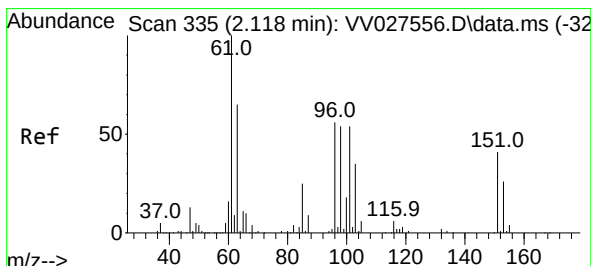
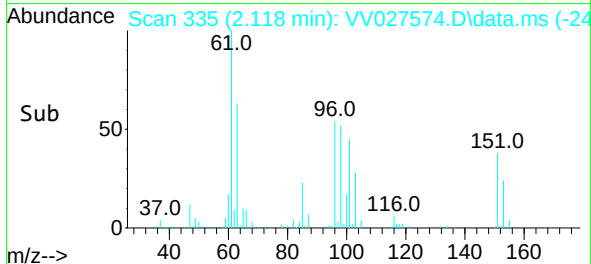
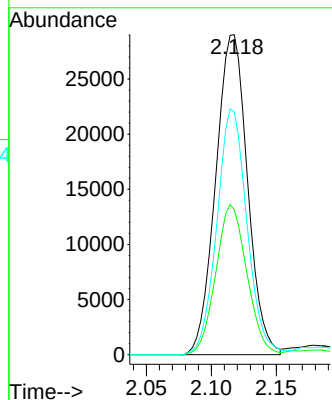
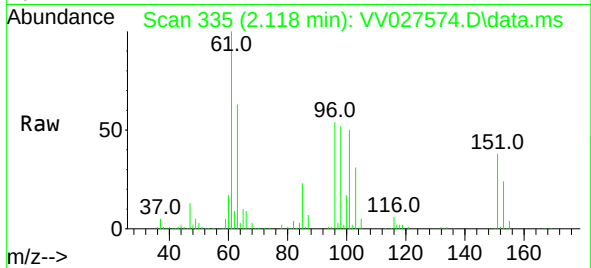




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.563 ug/L
RT: 2.118 min Scan# 334
Delta R.T. 0.007 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

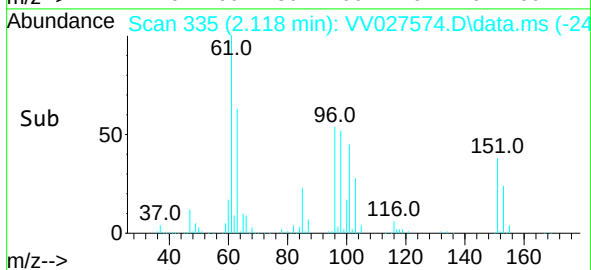
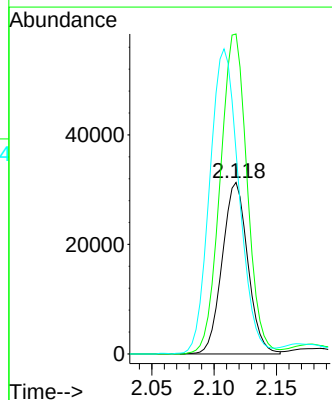
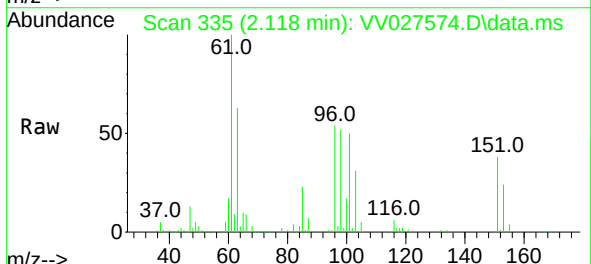
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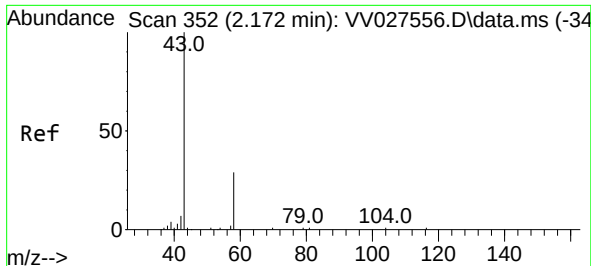
Tgt Ion:101 Resp: 49430
Ion Ratio Lower Upper
101 100
85 45.6 35.3 52.9
151 72.9 55.2 82.8



#12
1,1-Dichloroethene
Concen: 4.568 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.007 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 96 Resp: 44753
Ion Ratio Lower Upper
96 100
61 186.6 130.2 241.8
63 118.1 87.4 162.4





#13

Acetone

Concen: 71.802 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

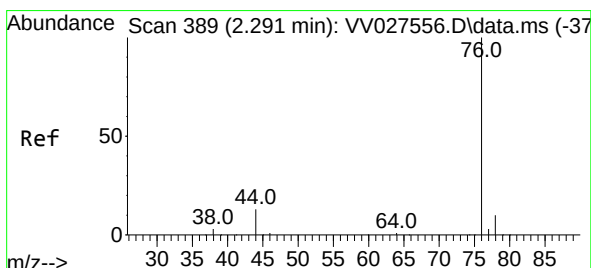
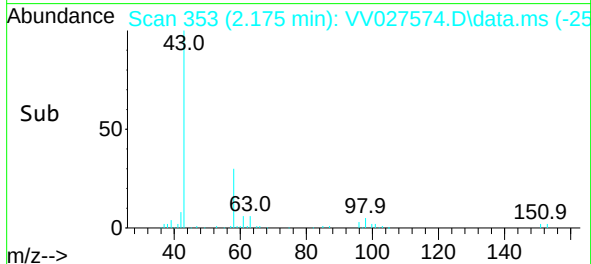
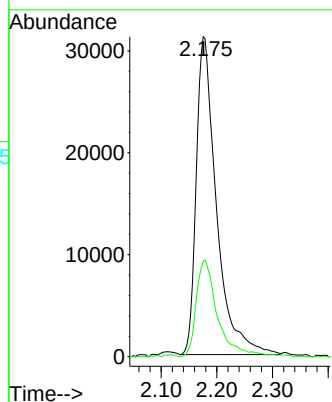
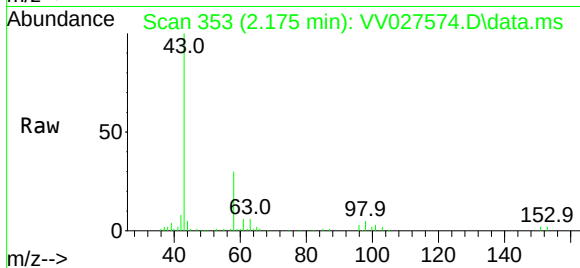
DBVA8MS

Tgt Ion: 43 Resp: 78647

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.2



#14

Carbon disulfide

Concen: 3.394 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027574.D

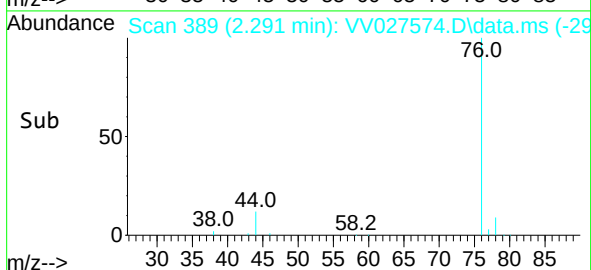
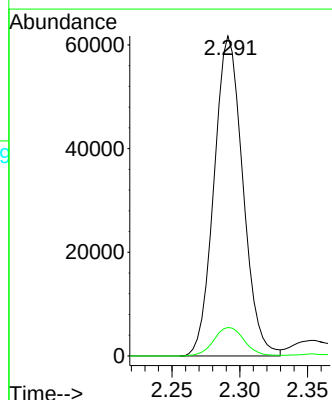
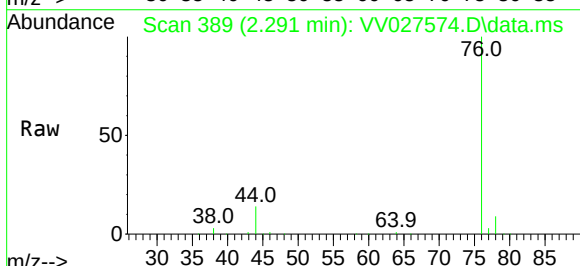
Acq: 29 Aug 2022 20:02

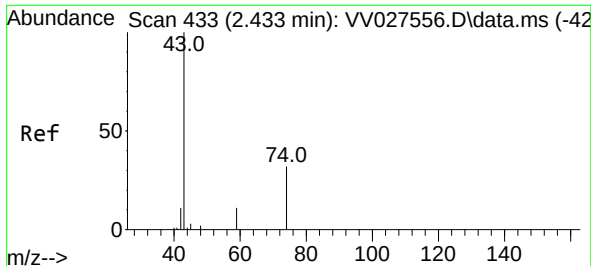
Tgt Ion: 76 Resp: 91256

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

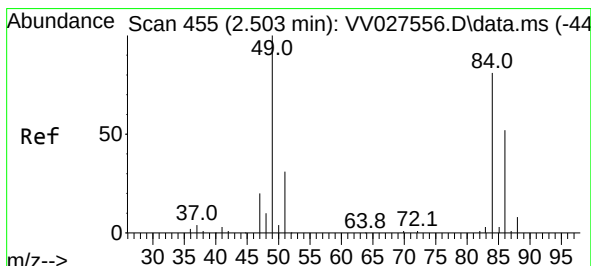
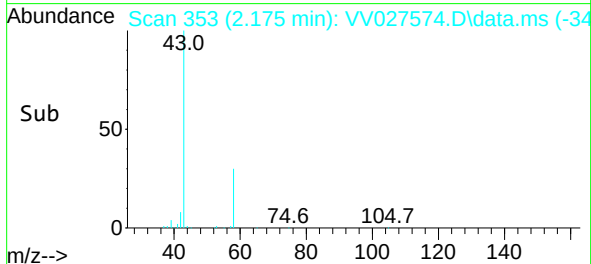
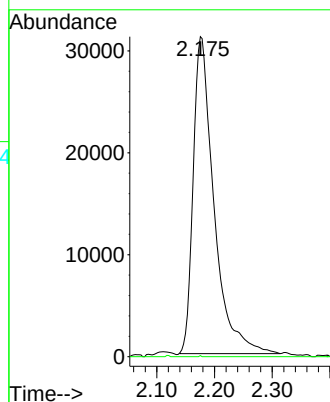
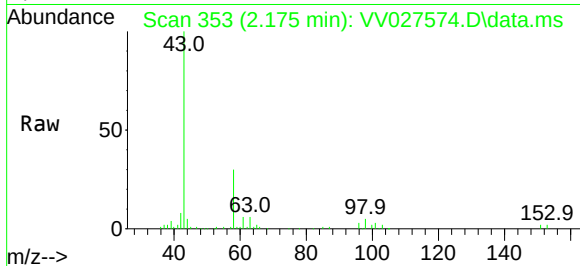




#15
Methyl Acetate
Concen: 25.571 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

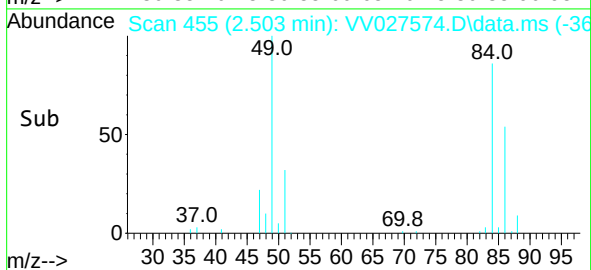
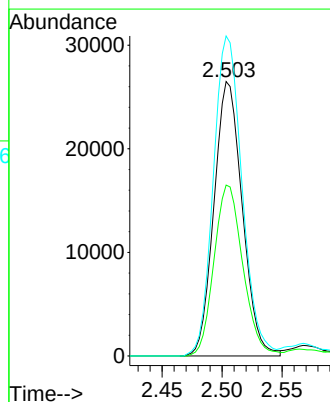
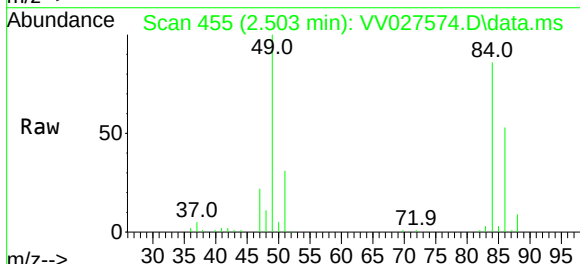
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

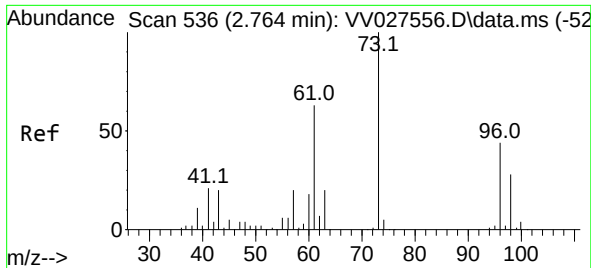
Tgt Ion: 43 Resp: 77567
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#16
Methylene chloride
Concen: 2.941 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 84 Resp: 43442
Ion Ratio Lower Upper
84 100
86 62.3 44.0 81.6
49 116.6 89.4 166.0

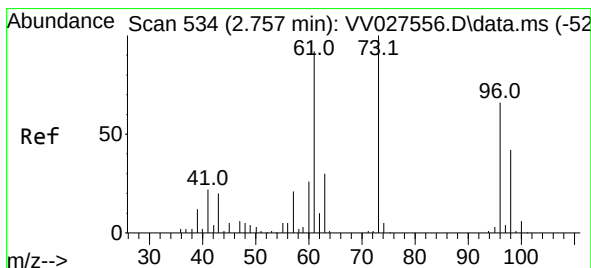
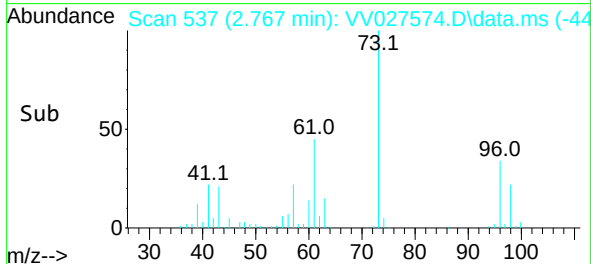
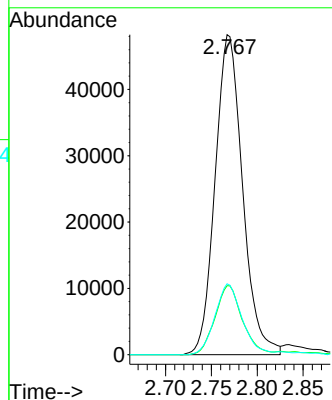
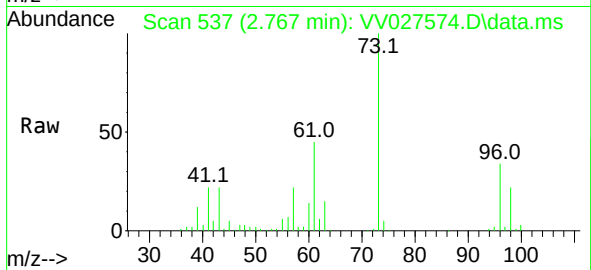




#17
Methyl tert-butyl Ether
Concen: 4.961 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

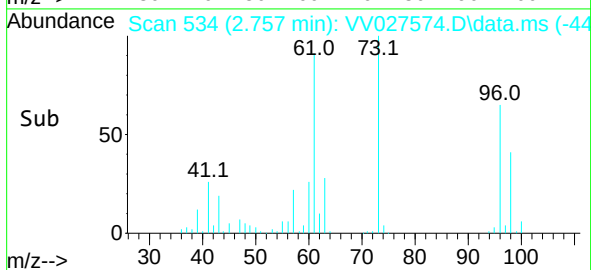
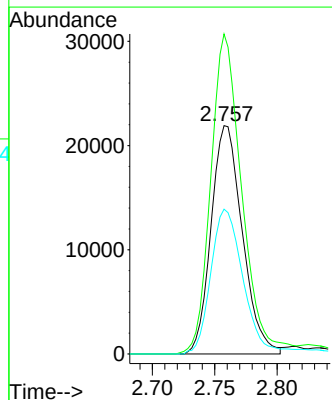
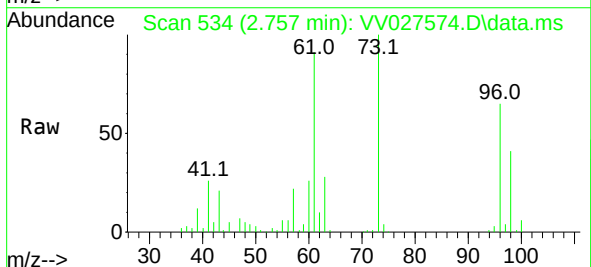
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

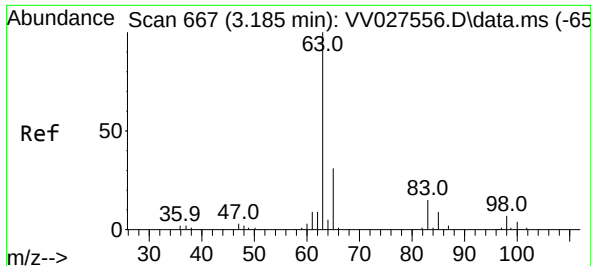
Tgt Ion: 73 Resp: 100575
Ion Ratio Lower Upper
73 100
43 21.4 15.6 23.4
57 21.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 3.789 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 96 Resp: 38251
Ion Ratio Lower Upper
96 100
61 140.2 97.6 181.4
98 63.4 45.9 85.3





#19

1,1-Dichloroethane

Concen: 3.932 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MS

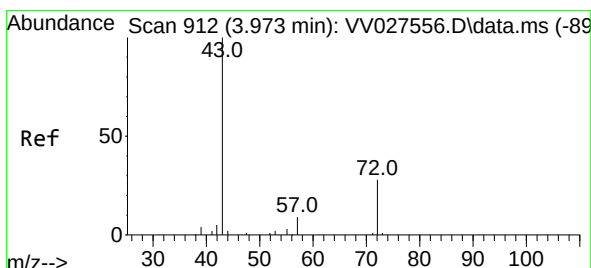
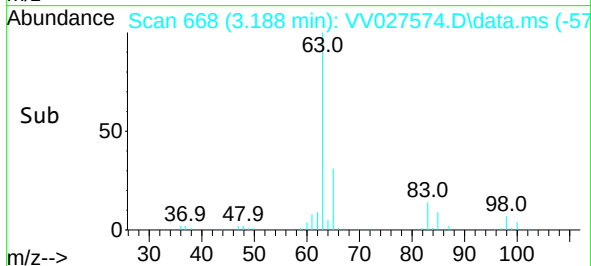
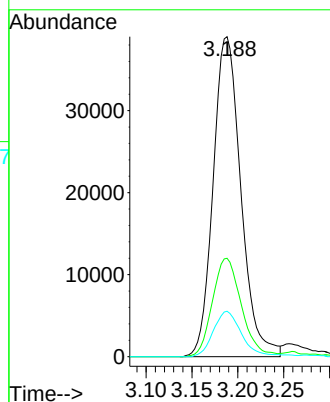
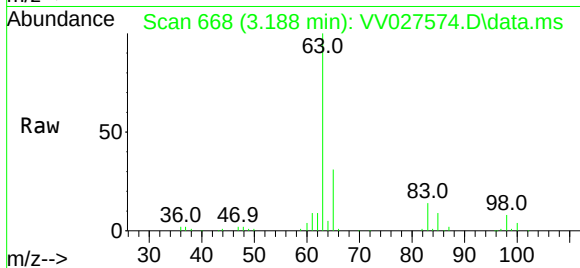
Tgt Ion: 63 Resp: 82167

Ion Ratio Lower Upper

63 100

65 30.8 22.1 41.1

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 53.023 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.007 min

Lab File: VV027574.D

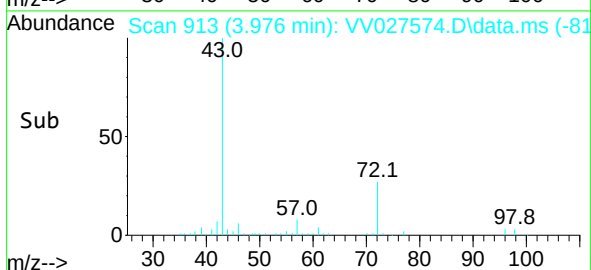
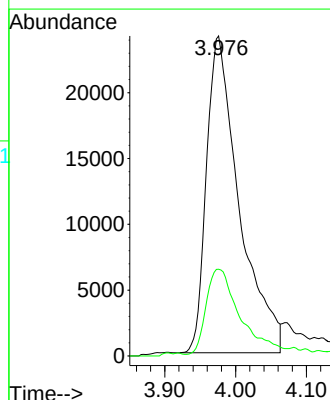
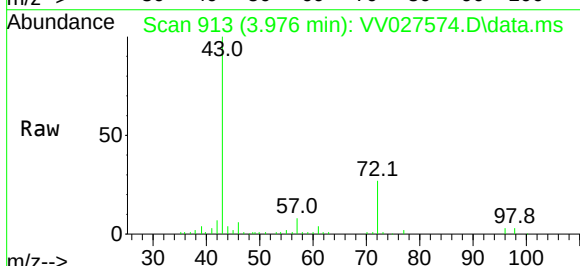
Acq: 29 Aug 2022 20:02

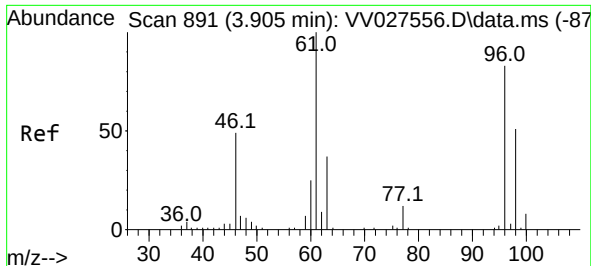
Tgt Ion: 43 Resp: 77292

Ion Ratio Lower Upper

43 100

72 27.9 12.0 36.1

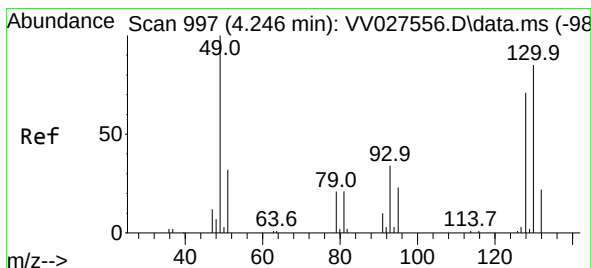
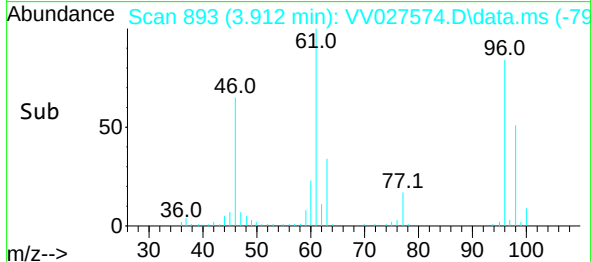
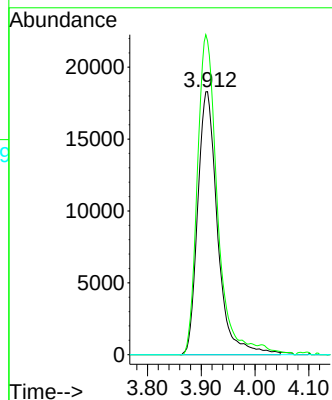
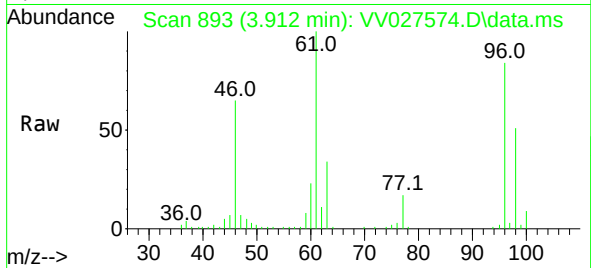




#22
 cis-1,2-Dichloroethene
 Concen: 4.368 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

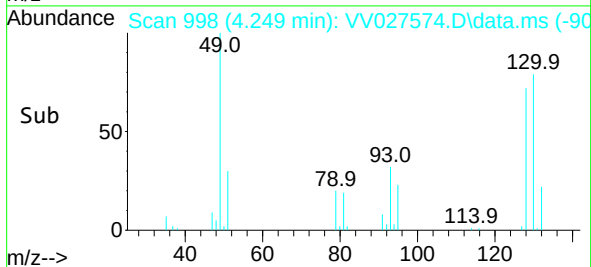
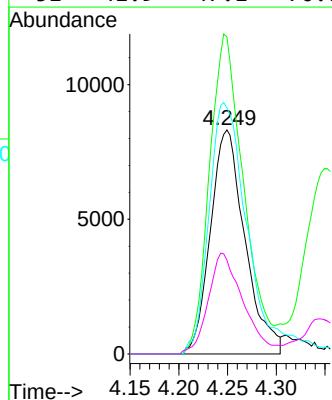
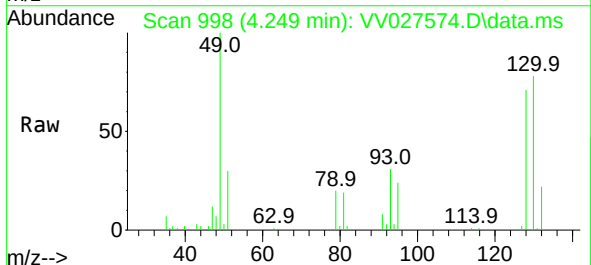
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

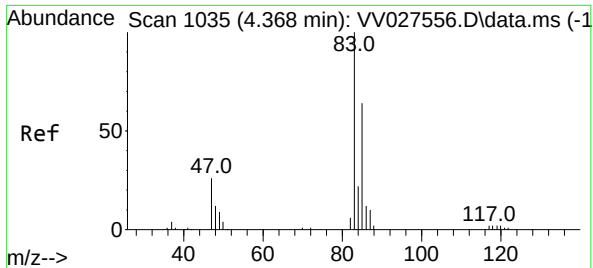
Tgt Ion: 96 Resp: 46989
 Ion Ratio Lower Upper
 96 100
 61 119.3 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.325 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion: 128 Resp: 20515
 Ion Ratio Lower Upper
 128 100
 49 141.5 127.5 236.7
 130 109.9 97.0 180.2
 51 41.9 47.1 70.7#

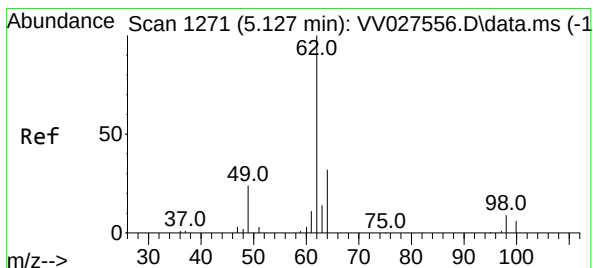
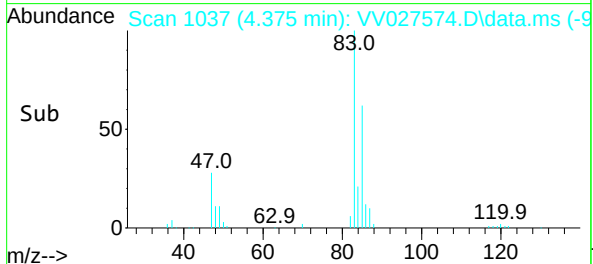
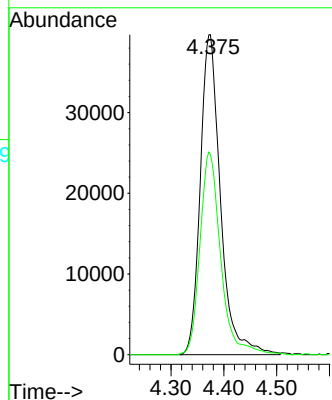
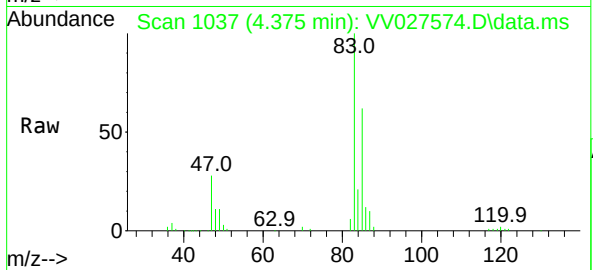




#25
Chloroform
Concen: 4.636 ug/L
RT: 4.375 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

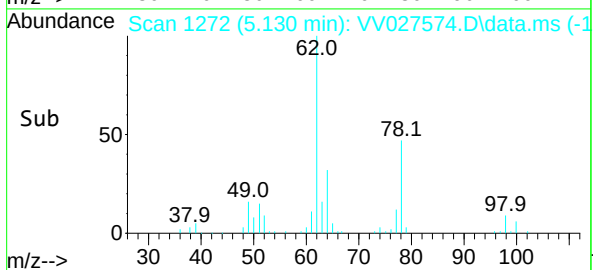
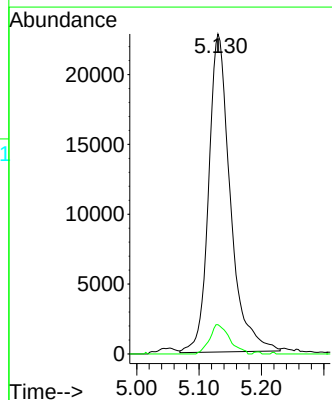
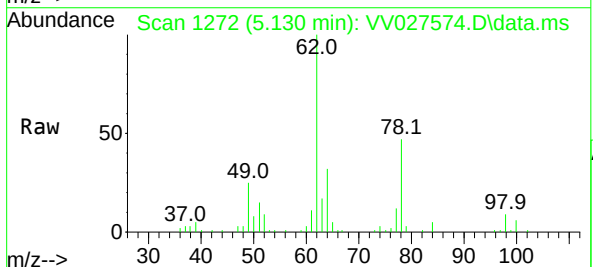
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

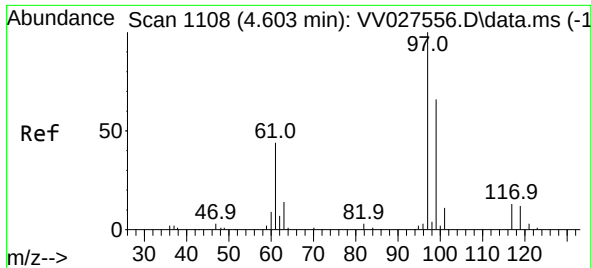
Tgt Ion: 83 Resp: 105337
Ion Ratio Lower Upper
83 100
85 62.5 43.3 80.5



#27
1,2-Dichloroethane
Concen: 4.776 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.007 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 62 Resp: 55136
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 3.681 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MS

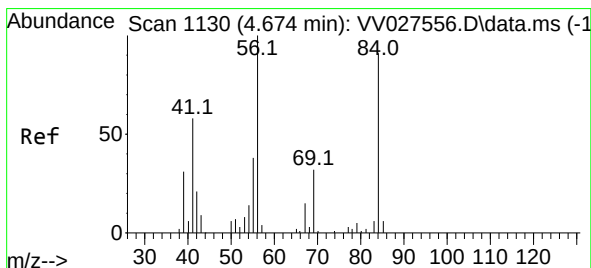
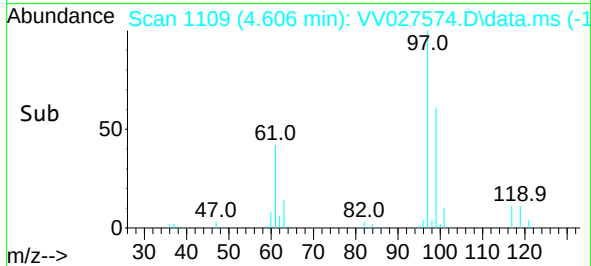
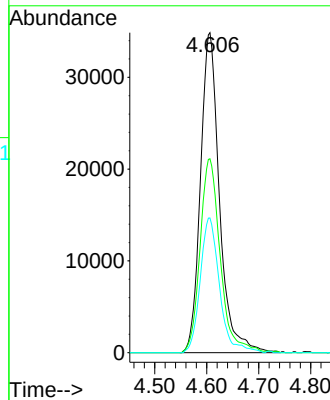
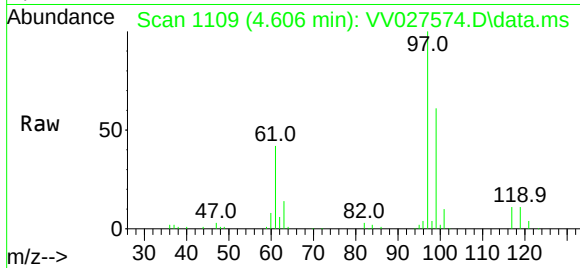
Tgt Ion: 97 Resp: 88658

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 42.8 35.9 53.9



#30

Cyclohexane

Concen: 3.085 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

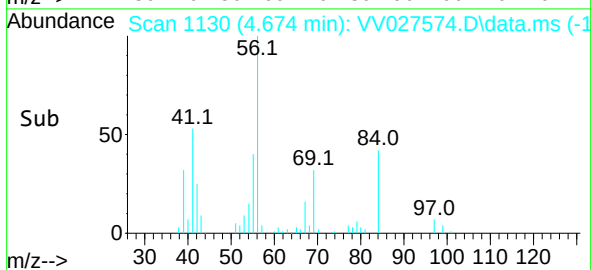
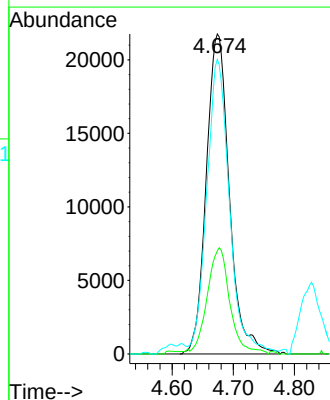
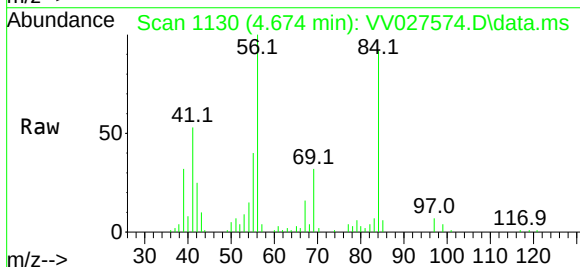
Tgt Ion: 56 Resp: 57045

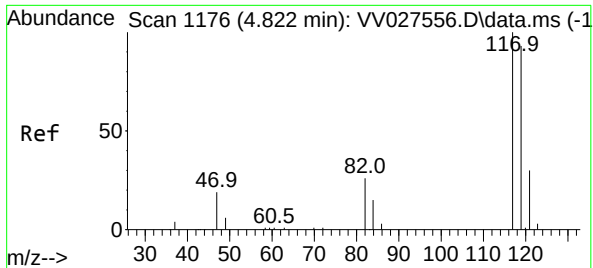
Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.0

84 88.0 69.7 104.5

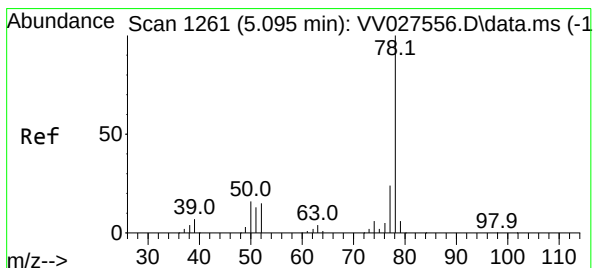
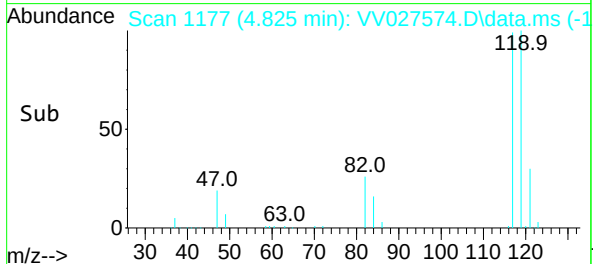
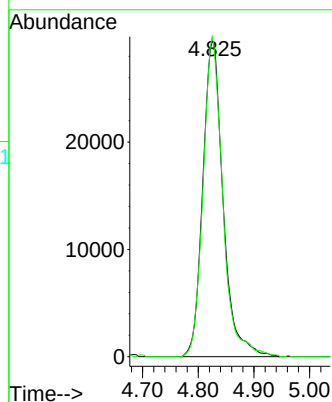
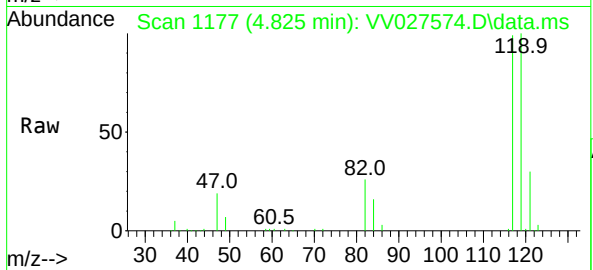




#31
Carbon tetrachloride
Concen: 3.563 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

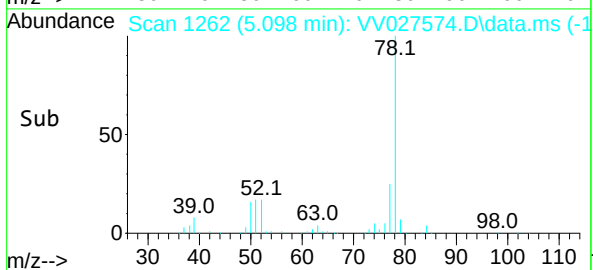
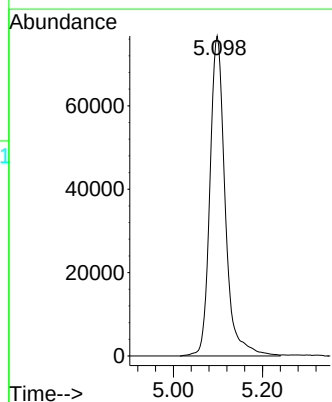
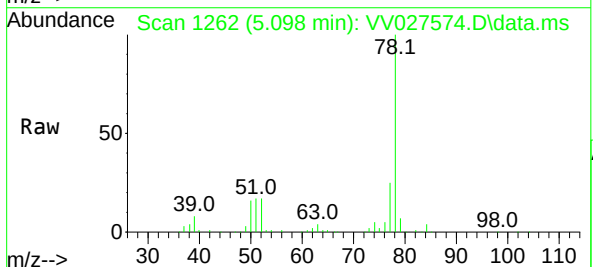
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

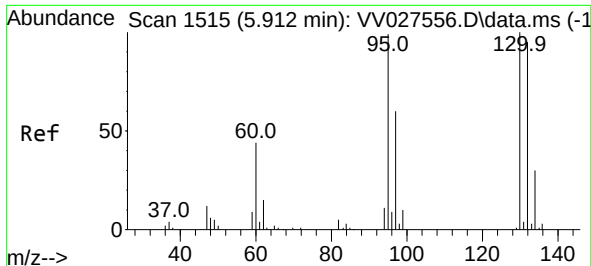
Tgt Ion:117 Resp: 74632
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1



#33
Benzene
Concen: 3.486 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.007 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 78 Resp: 181876

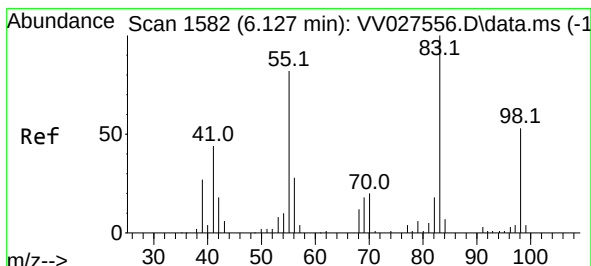
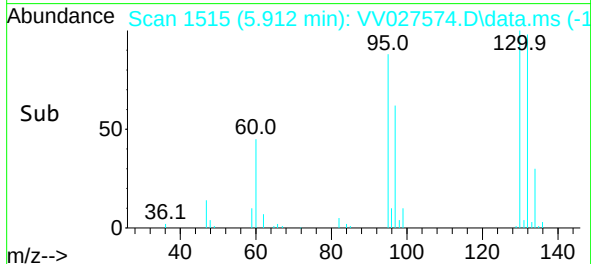
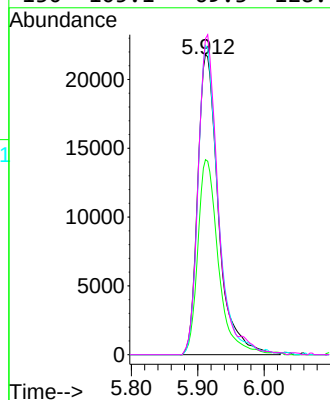
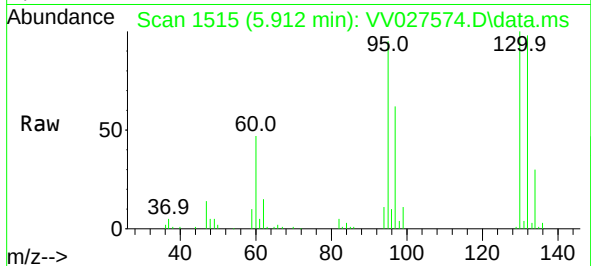




#34
Trichloroethene
Concen: 3.448 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

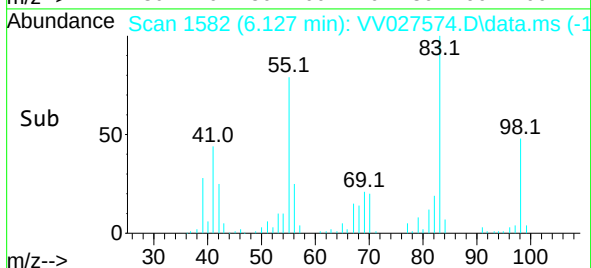
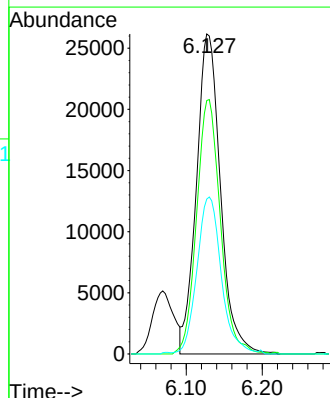
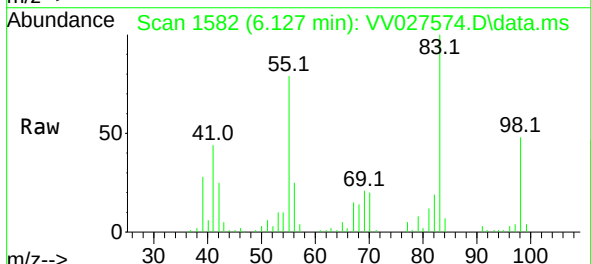
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

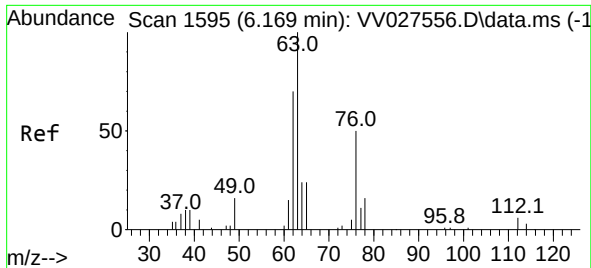
Tgt Ion: 95 Resp: 47343
Ion Ratio Lower Upper
95 100
97 64.9 45.0 83.6
132 102.9 65.7 121.9
130 105.1 69.3 128.7



#35
Methylcyclohexane
Concen: 2.984 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 83 Resp: 57625
Ion Ratio Lower Upper
83 100
55 78.3 68.2 102.4
98 49.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 3.367 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

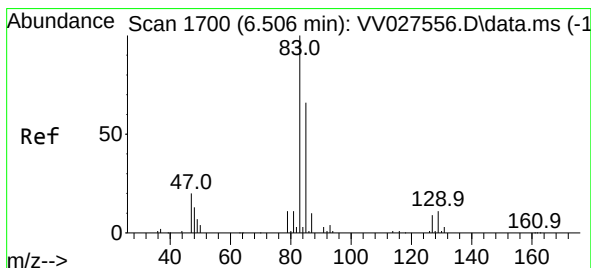
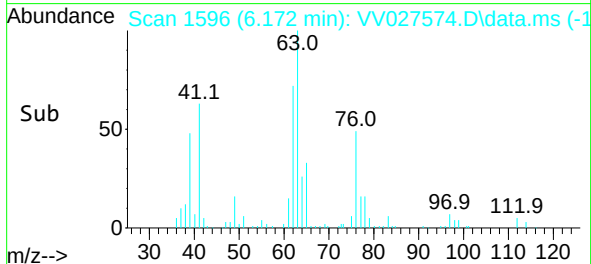
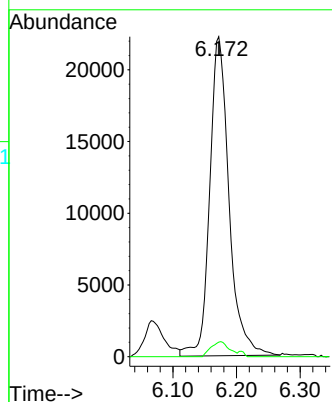
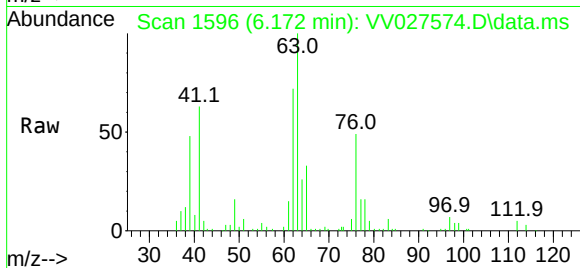
DBVA8MS

Tgt Ion: 63 Resp: 46833

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 4.727 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

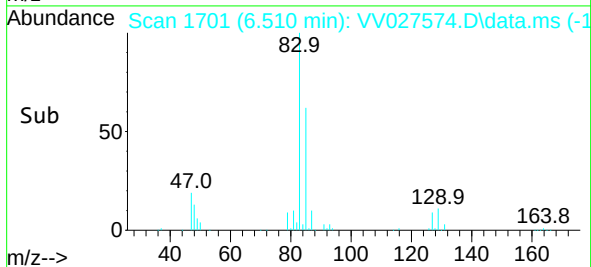
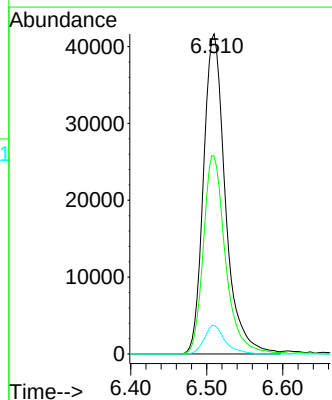
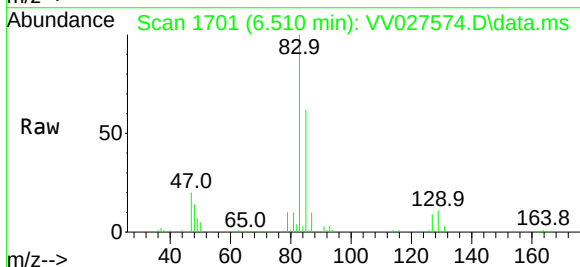
Tgt Ion: 83 Resp: 83372

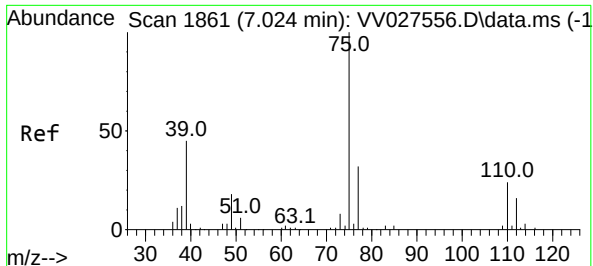
Ion Ratio Lower Upper

83 100

85 61.8 45.3 84.1

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 2.779 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

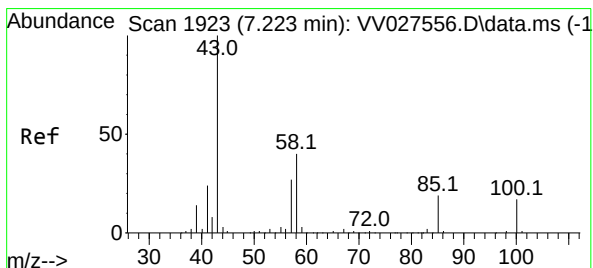
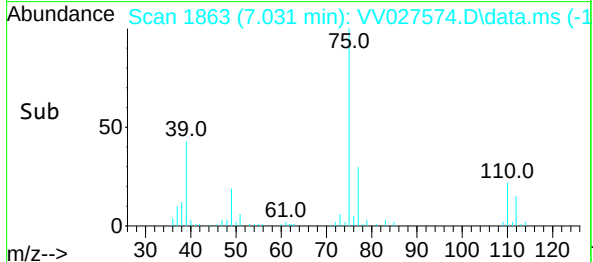
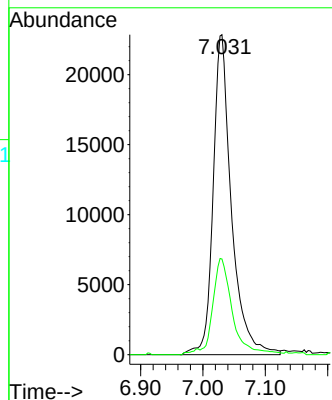
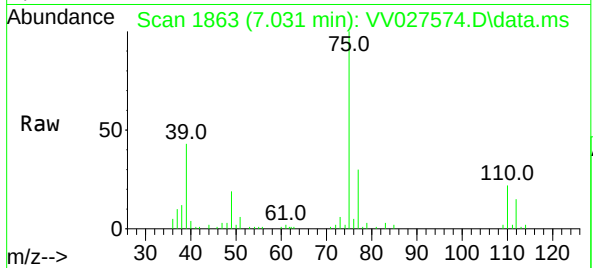
DBVA8MS

Tgt Ion: 75 Resp: 46607

Ion Ratio Lower Upper

75 100

77 29.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.146 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

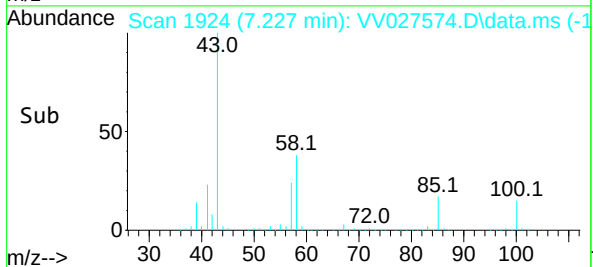
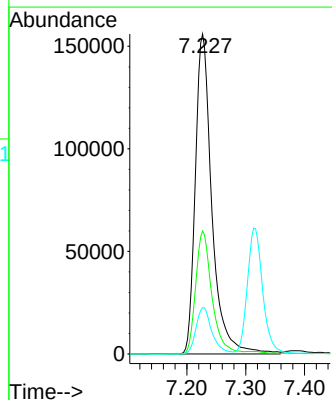
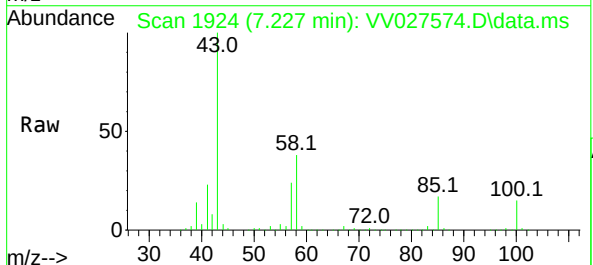
Tgt Ion: 43 Resp: 305442

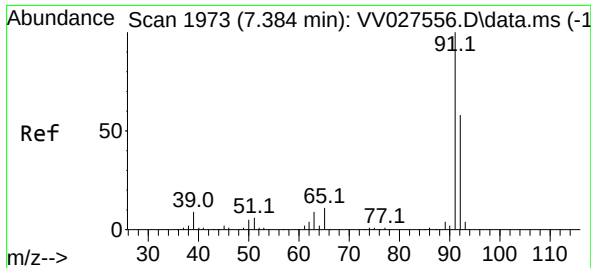
Ion Ratio Lower Upper

43 100

58 37.6 30.6 45.8

100 13.9 11.0 16.4





#42

Toluene

Concen: 4.690 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

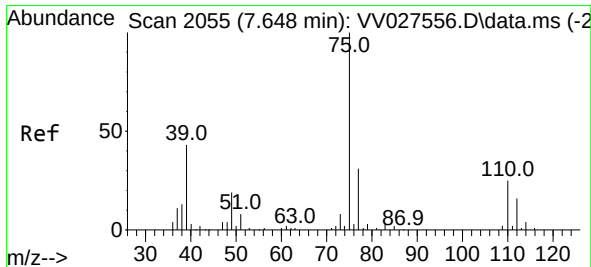
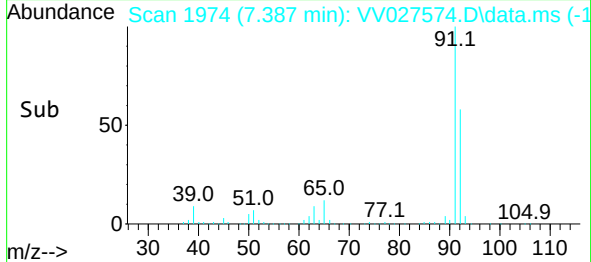
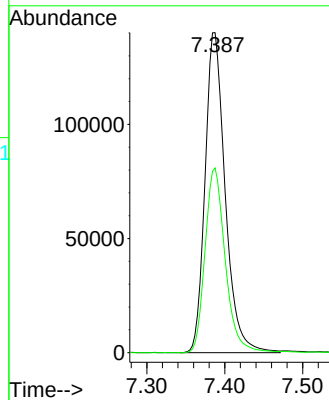
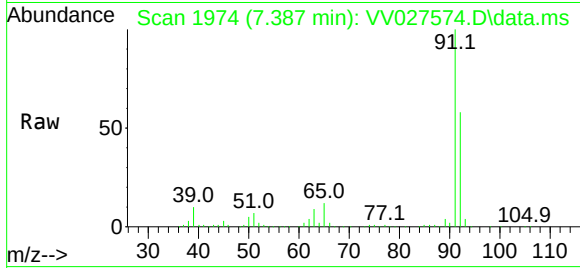
DBVA8MS

Tgt Ion: 91 Resp: 252563

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 2.796 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV027574.D

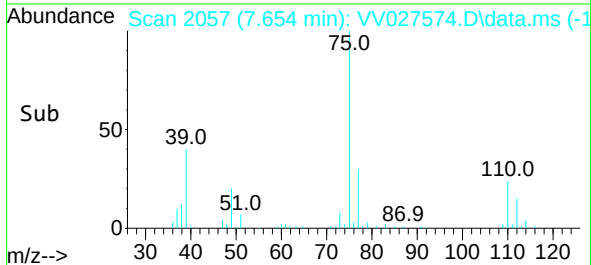
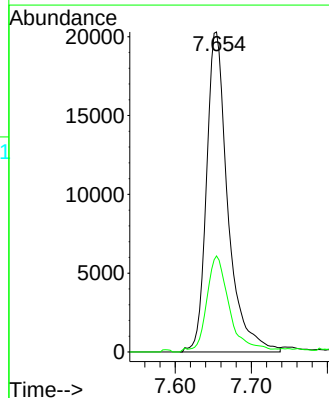
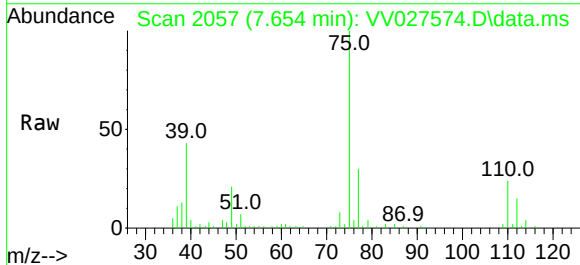
Acq: 29 Aug 2022 20:02

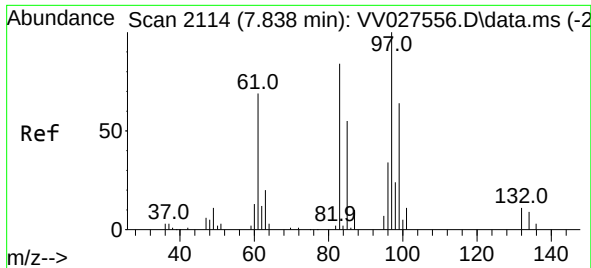
Tgt Ion: 75 Resp: 39641

Ion Ratio Lower Upper

75 100

77 30.0 22.3 41.5

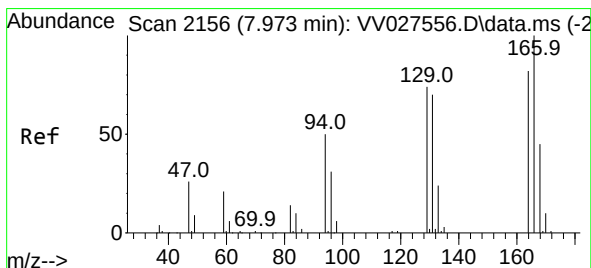
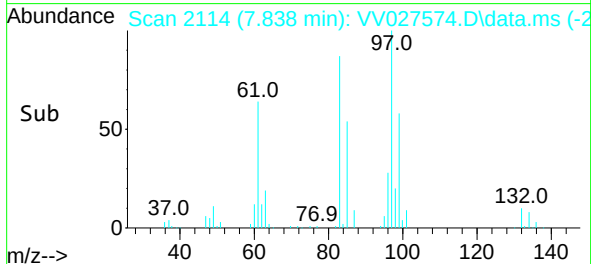
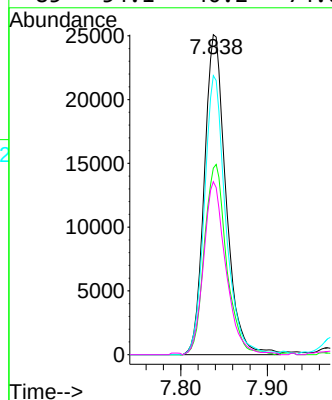
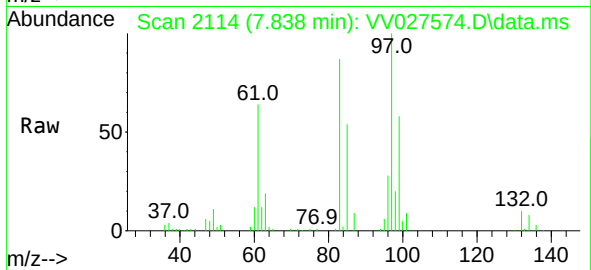




#45
1,1,2-Trichloroethane
Concen: 4.904 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

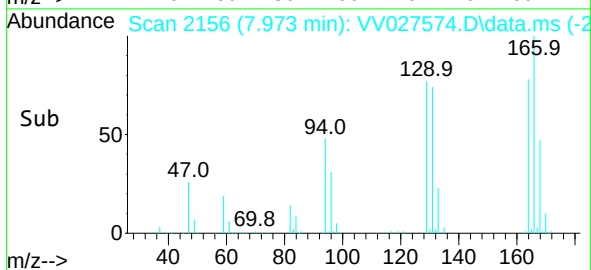
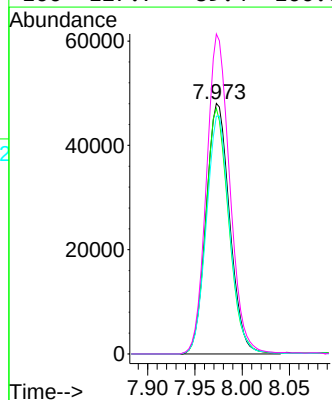
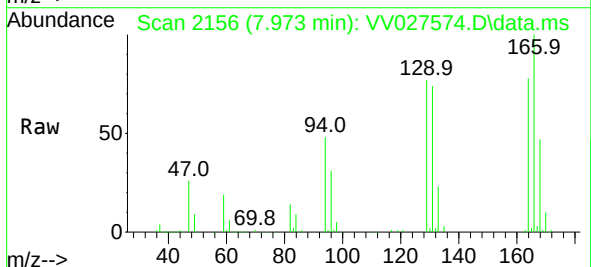
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

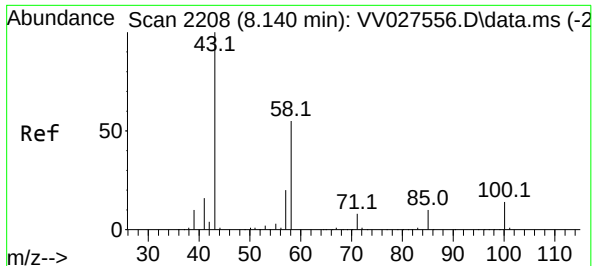
Tgt Ion:	97	Resp:	43607
Ion	Ratio	Lower	Upper
97	100		
99	58.3	46.1	85.7
83	87.2	63.0	117.0
85	54.1	40.2	74.6



#47
Tetrachloroethene
Concen: 7.815 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion:	164	Resp:	83598
Ion	Ratio	Lower	Upper
164	100		
129	98.1	71.1	132.1
131	94.9	64.5	119.9
166	127.7	89.4	166.0

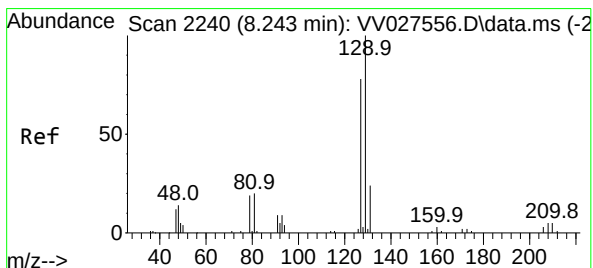
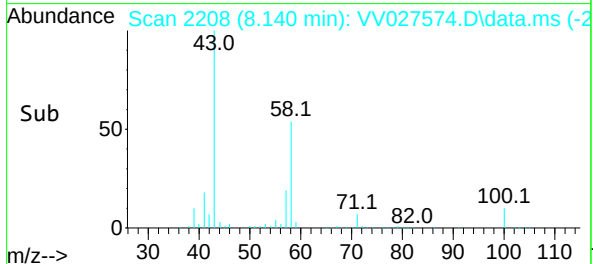
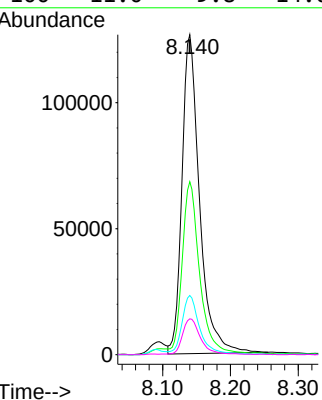
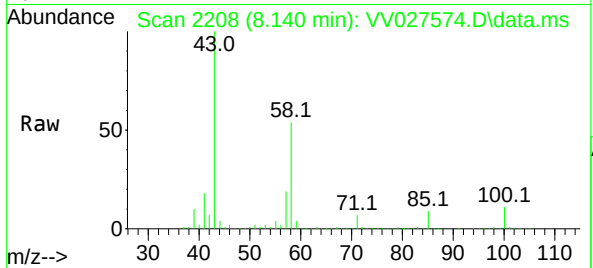




#48
2-Hexanone
Concen: 50.883 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

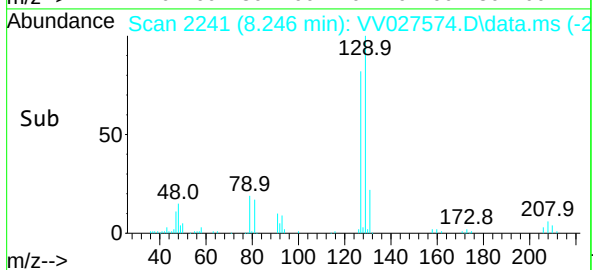
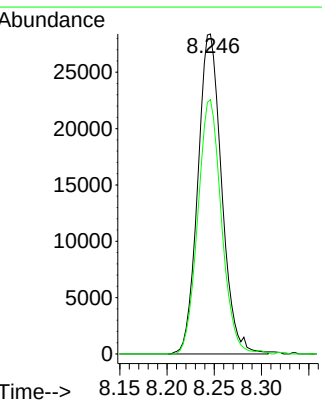
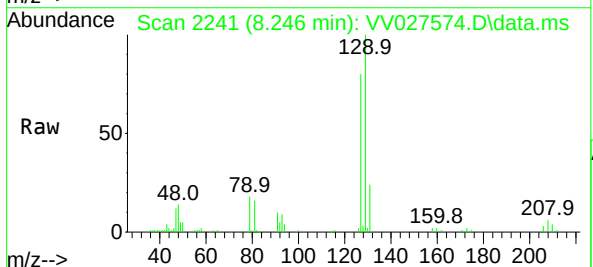
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

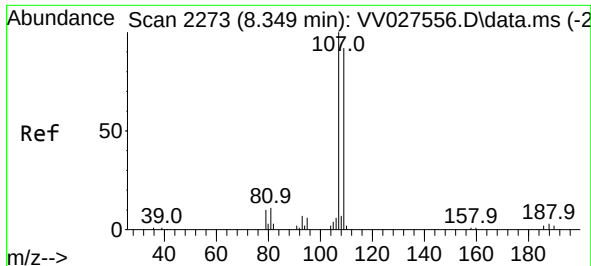
Tgt Ion: 43 Resp: 227873
Ion Ratio Lower Upper
43 100
58 52.8 41.3 61.9
57 18.5 14.9 22.3
100 11.0 9.8 14.6



#49
Dibromochloromethane
Concen: 4.551 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 129 Resp: 49774
Ion Ratio Lower Upper
129 100
127 79.5 55.9 103.7





#50

1,2-Dibromoethane

Concen: 4.725 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

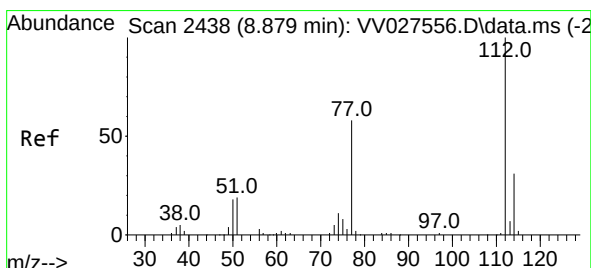
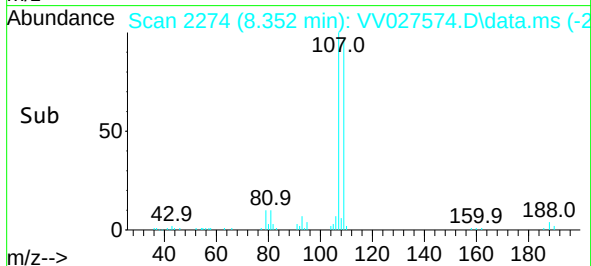
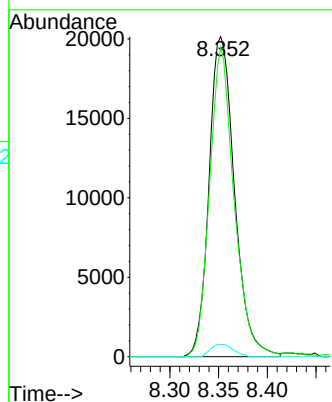
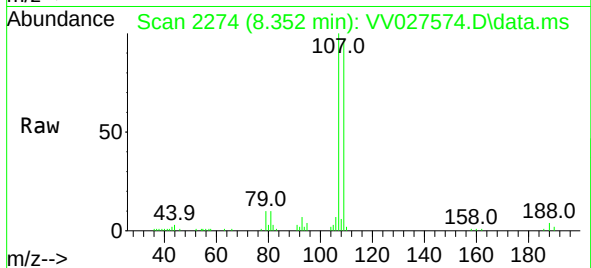
Instrument :

MSVOA_V

ClientSampleId :

DBVA8MS

Tgt Ion:	107	Resp:	36675
Ion	Ratio	Lower	Upper
107	100		
109	96.6	67.8	125.8
188	3.8	3.5	5.3



#51

Chlorobenzene

Concen: 4.358 ug/L

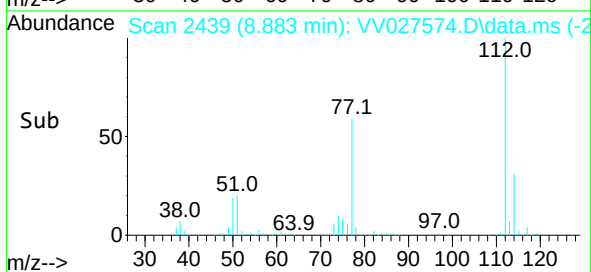
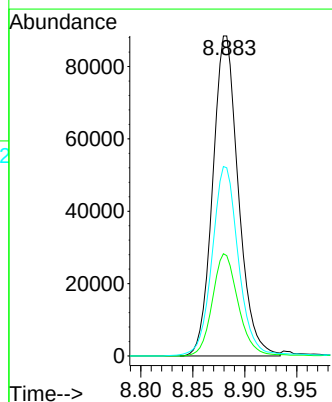
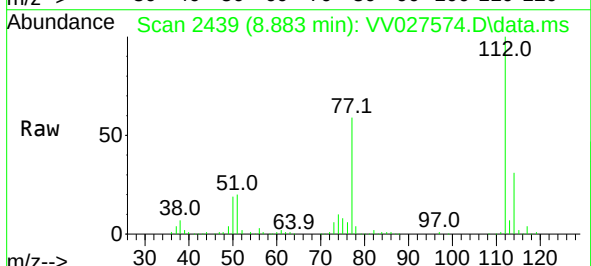
RT: 8.883 min Scan# 2439

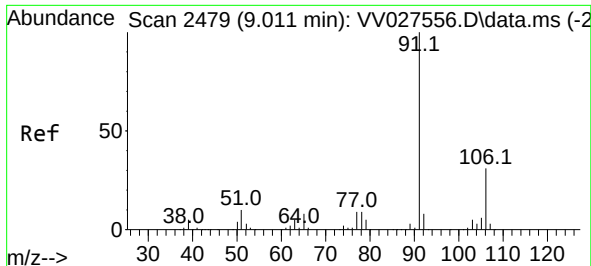
Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Tgt Ion:	112	Resp:	151884
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.1
77	58.8	46.2	69.4





#52

Ethylbenzene

Concen: 4.289 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

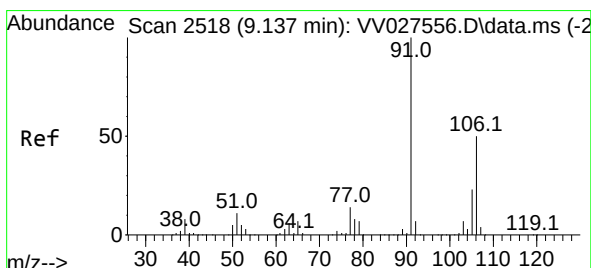
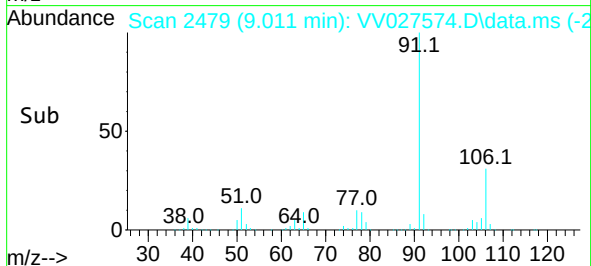
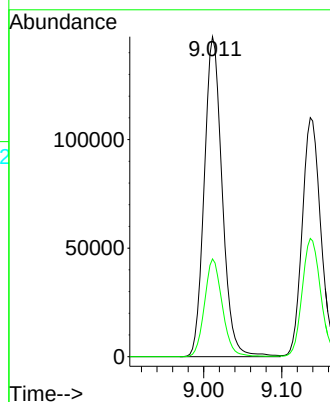
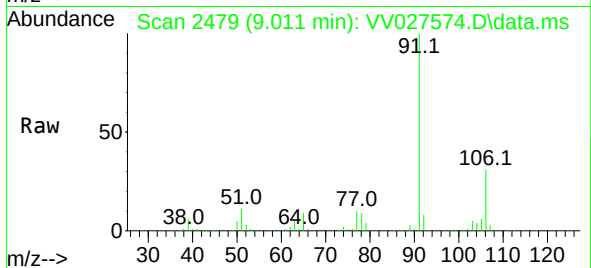
DBVA8MS

Tgt Ion: 91 Resp: 235743

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 4.326 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027574.D

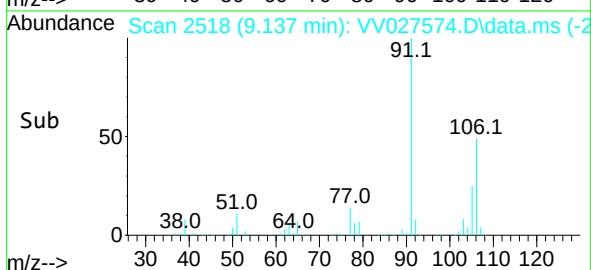
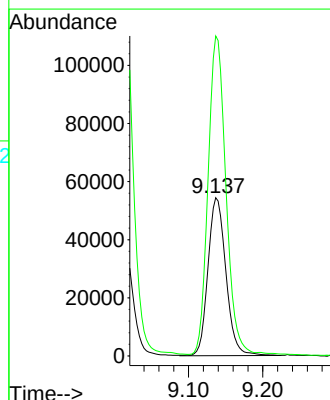
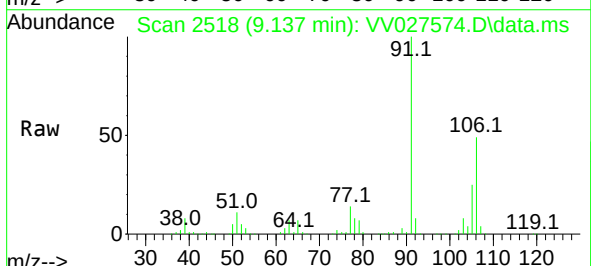
Acq: 29 Aug 2022 20:02

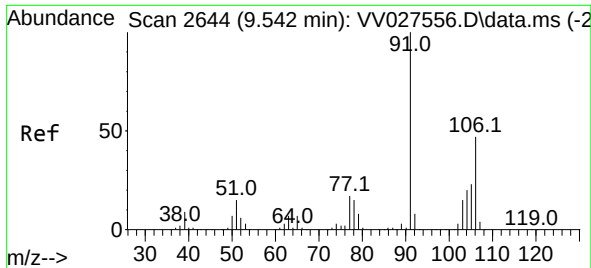
Tgt Ion: 106 Resp: 91012

Ion Ratio Lower Upper

106 100

91 202.3 143.8 267.0

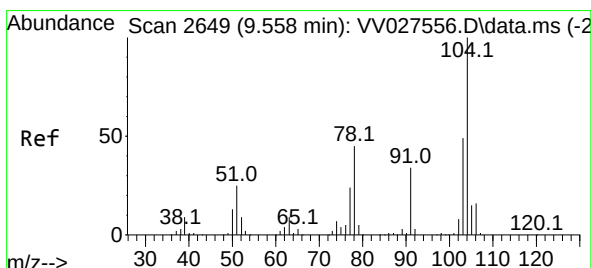
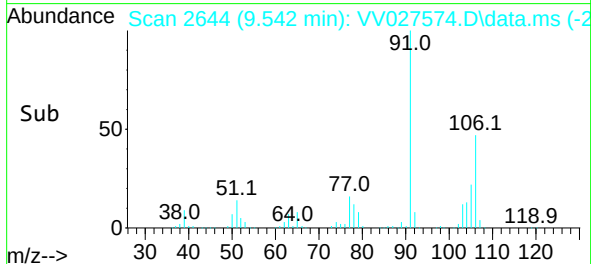
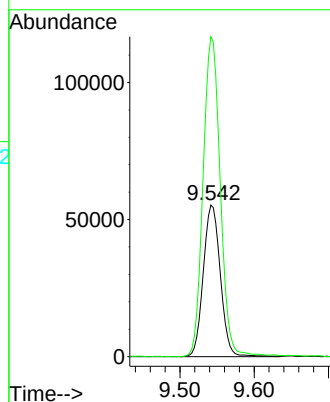
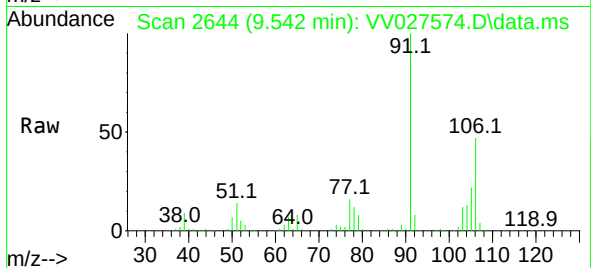




#54
o-Xylene
Concen: 4.323 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

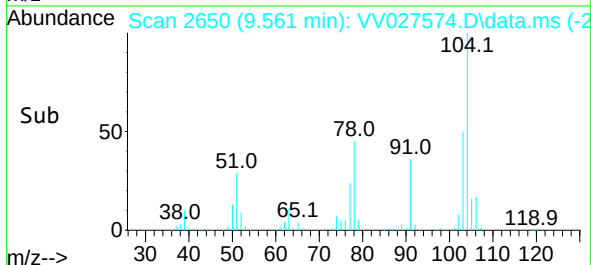
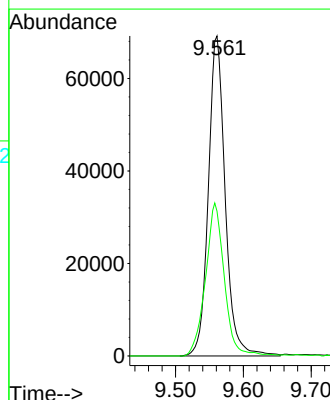
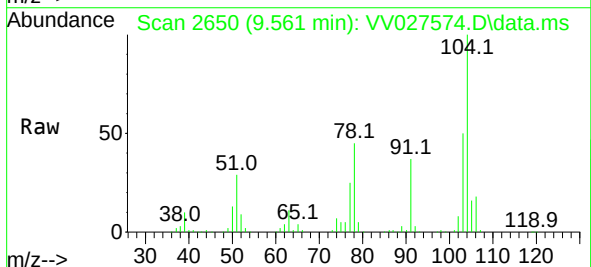
Instrument : MSVOA_V
ClientSampleId : DBVA8MS

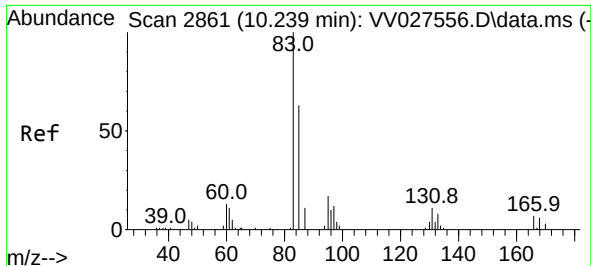
Tgt Ion:106 Resp: 88206
Ion Ratio Lower Upper
106 100
91 211.1 151.6 281.6



#55
Styrene
Concen: 3.446 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion:104 Resp: 119622
Ion Ratio Lower Upper
104 100
78 45.3 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.537 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MS

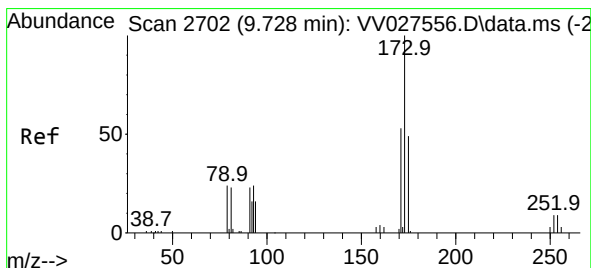
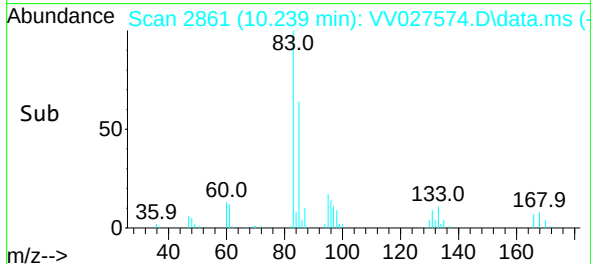
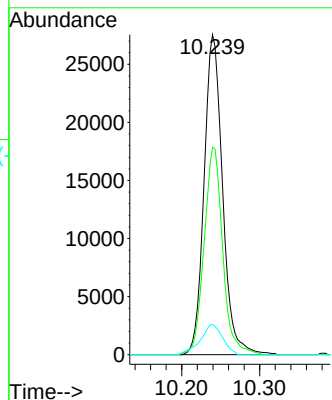
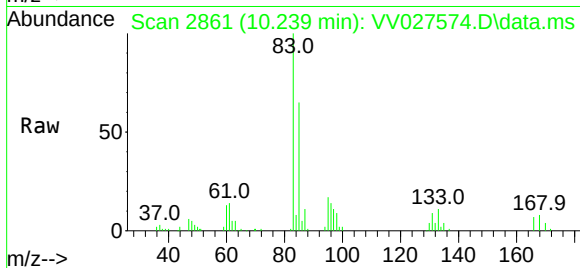
Tgt Ion: 83 Resp: 45447

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

131 9.4 7.3 10.9



#59

Bromoform

Concen: 5.048 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV027574.D

Acq: 29 Aug 2022 20:02

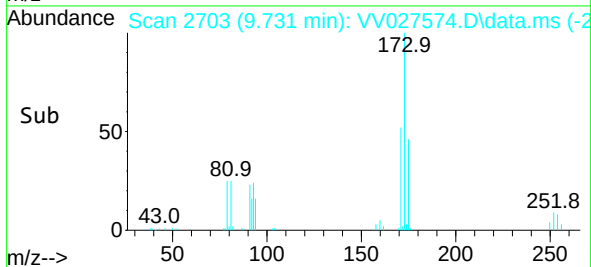
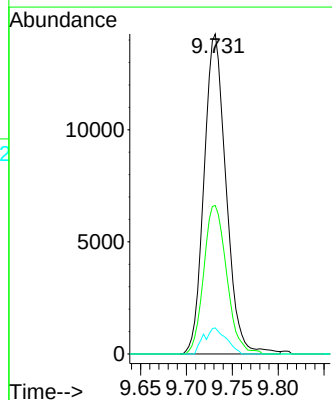
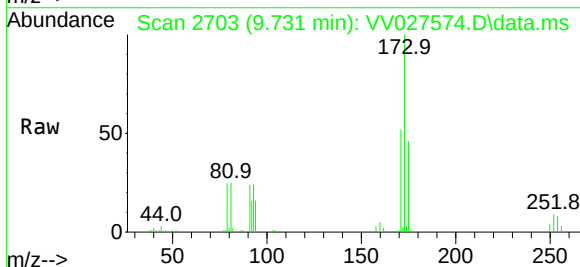
Tgt Ion: 173 Resp: 23860

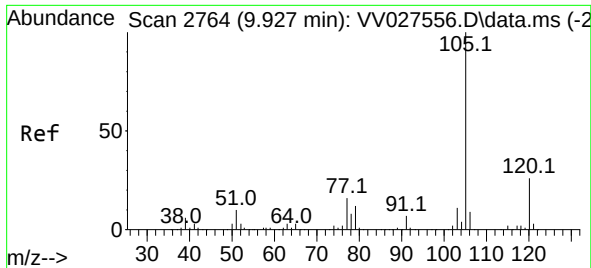
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.6

254 8.2 7.1 10.7

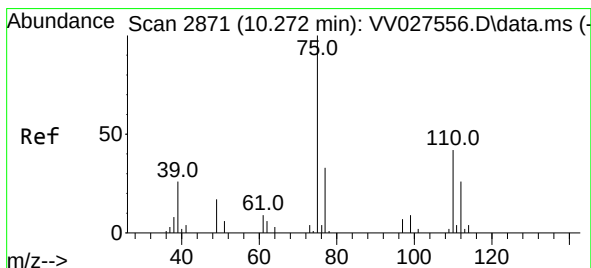
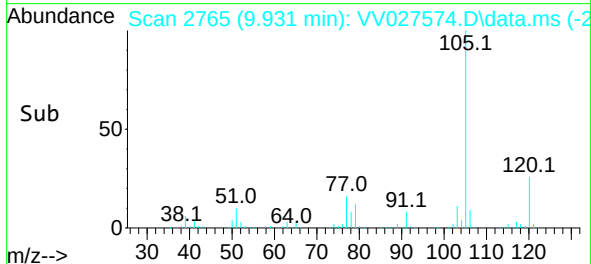
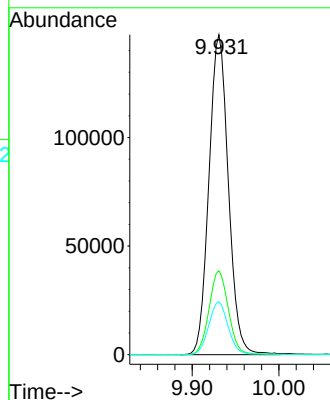
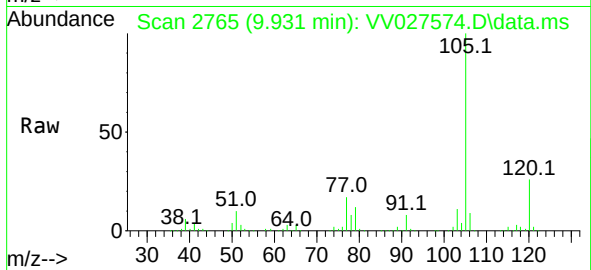




#60
Isopropylbenzene
Concen: 4.947 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

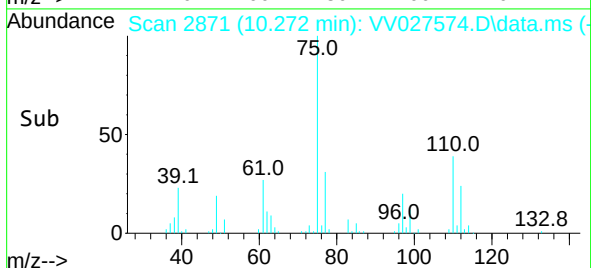
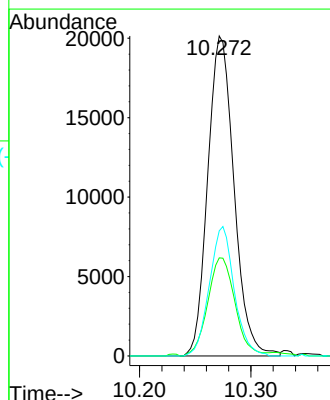
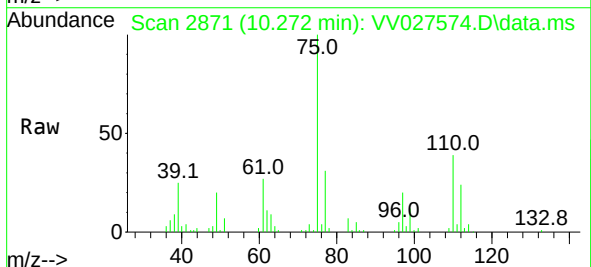
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

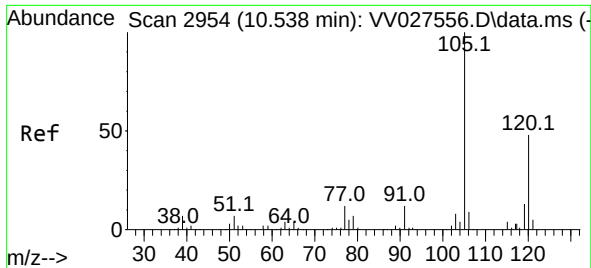
Tgt Ion:105 Resp: 229567
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.337 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion: 75 Resp: 33021
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 38.3 29.9 44.9

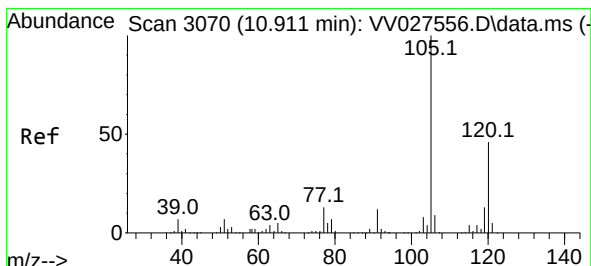
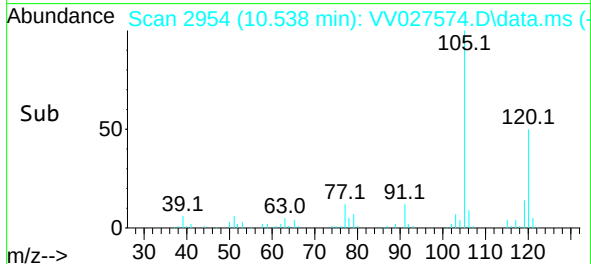
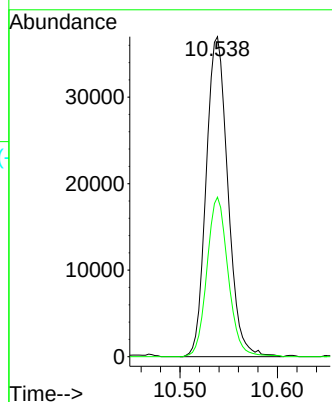
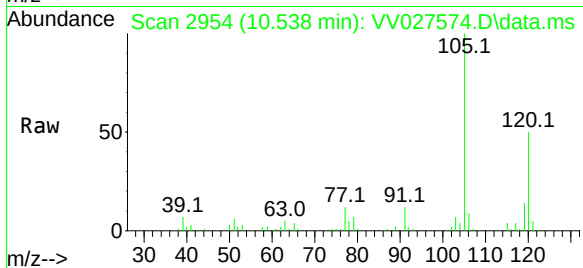




#62
 1,3,5-Trimethylbenzene
 Concen: 4.453 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

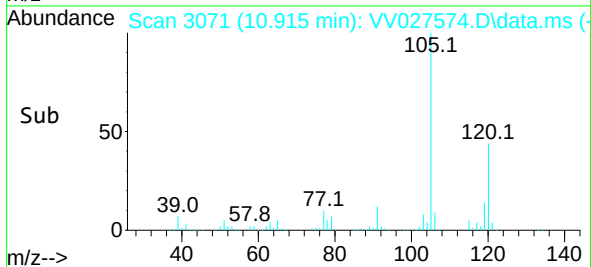
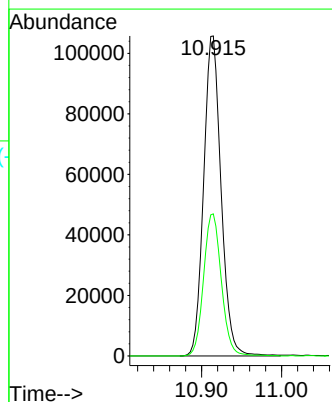
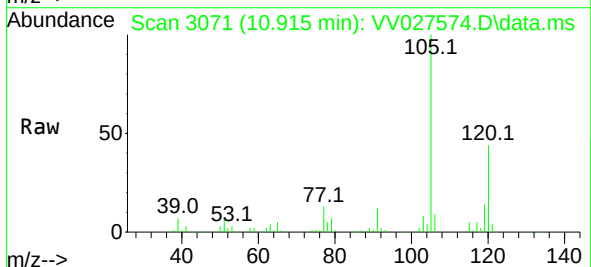
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

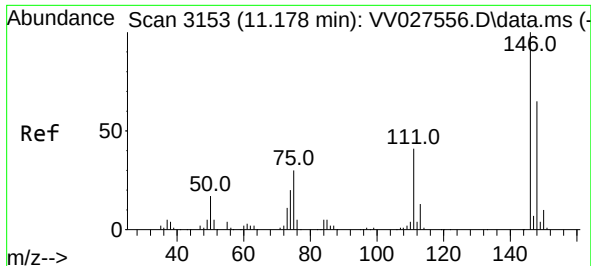
Tgt Ion:105 Resp: 57297
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.426 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion:105 Resp: 160436
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6

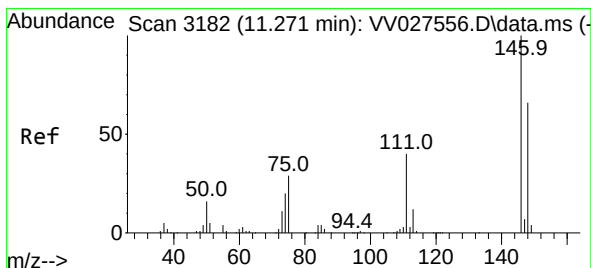
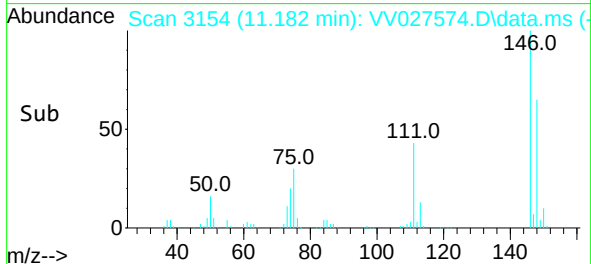
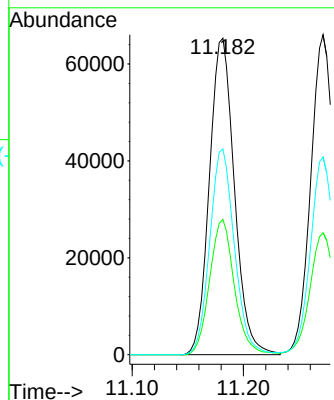
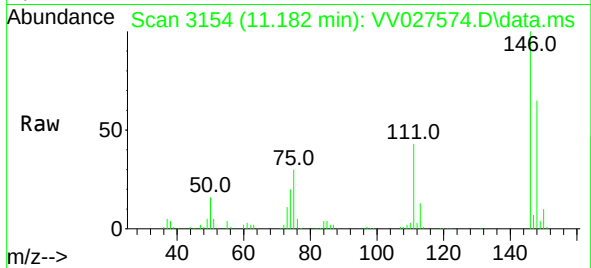




#64
1,3-Dichlorobenzene
Concen: 4.460 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

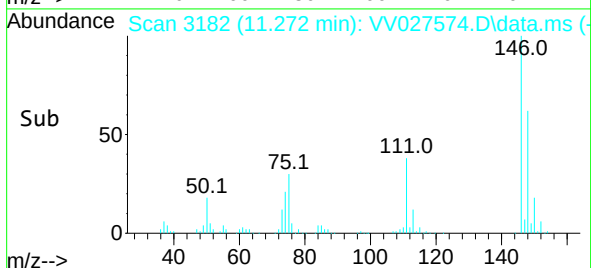
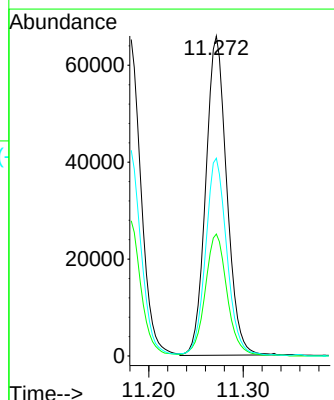
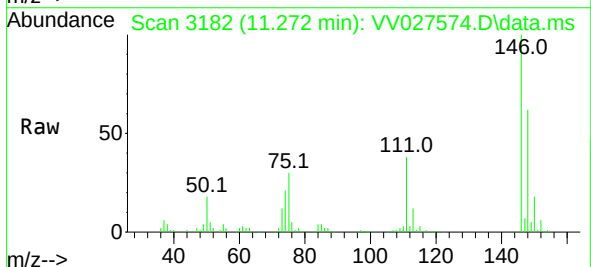
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

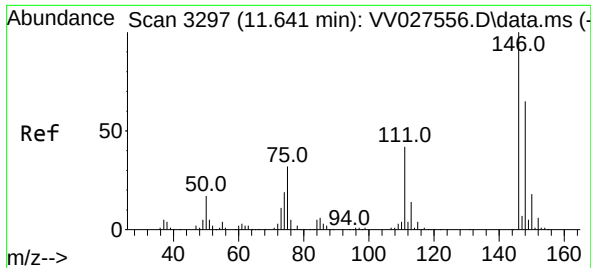
Tgt Ion:146 Resp: 101963
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 65.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.463 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion:146 Resp: 101712
Ion Ratio Lower Upper
146 100
111 38.1 26.6 49.4
148 61.8 42.6 79.0

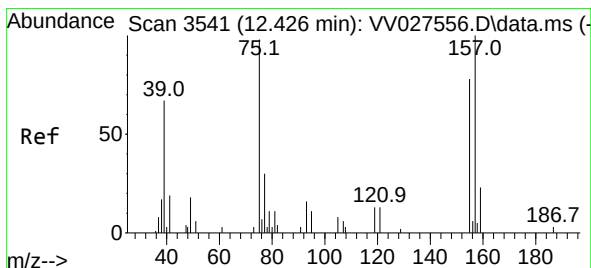
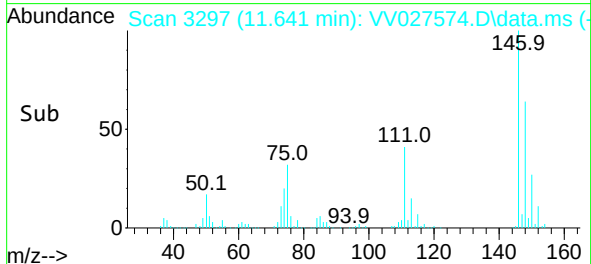
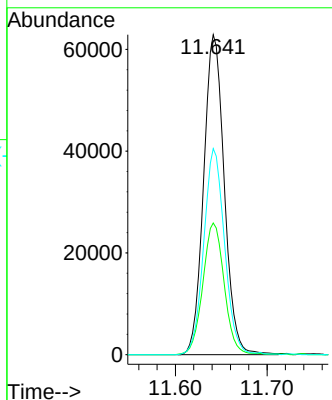
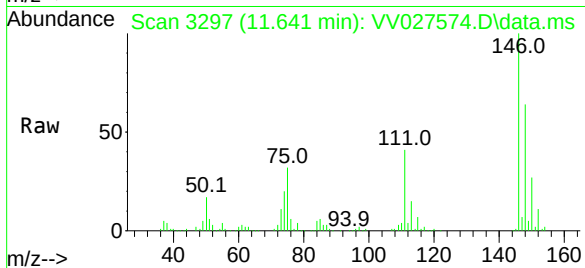




#67
 1,2-Dichlorobenzene
 Concen: 4.751 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

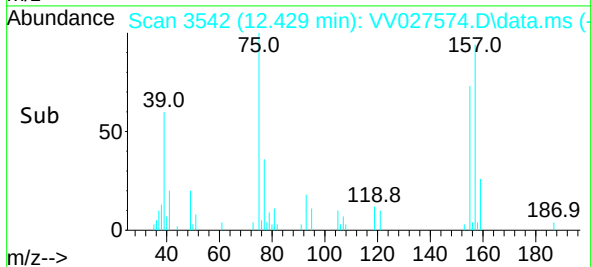
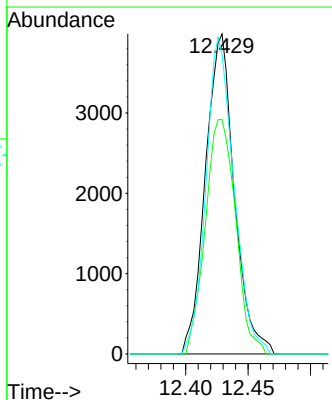
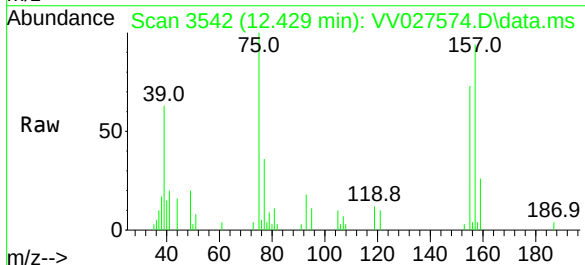
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

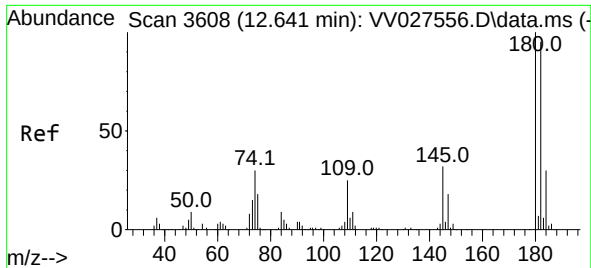
Tgt Ion:146 Resp: 98472
 Ion Ratio Lower Upper
 146 100
 111 41.1 34.5 51.7
 148 64.4 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.685 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion: 75 Resp: 6440
 Ion Ratio Lower Upper
 75 100
 155 73.2 63.1 94.7
 157 93.7 81.8 122.8

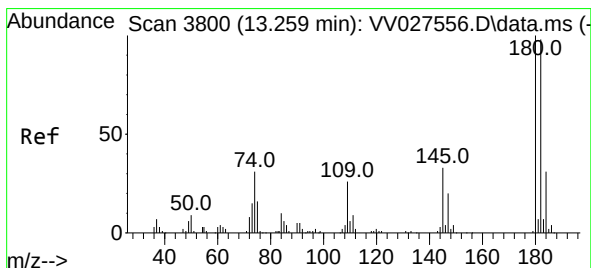
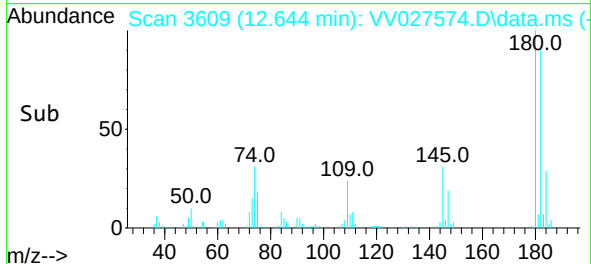
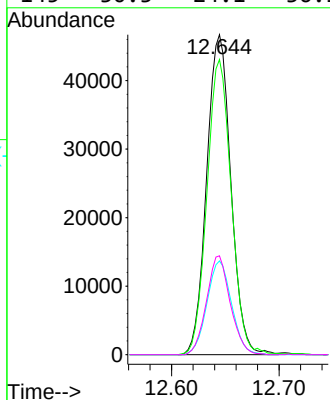
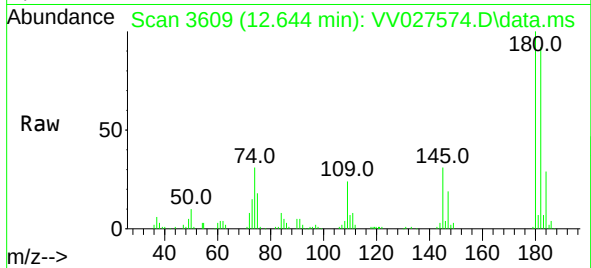




#69
 1,3,5-Trichlorobenzene
 Concen: 4.285 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

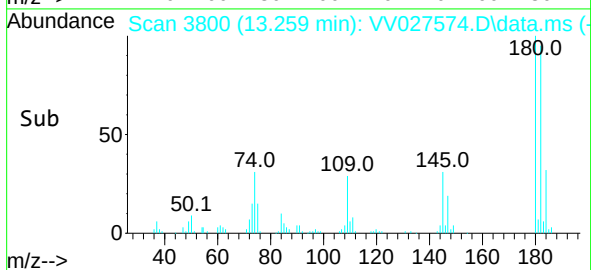
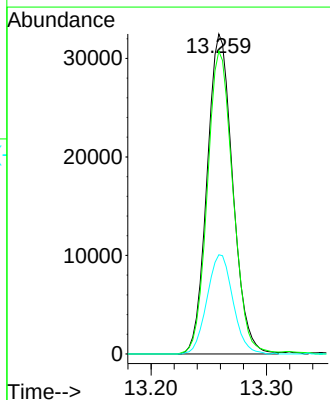
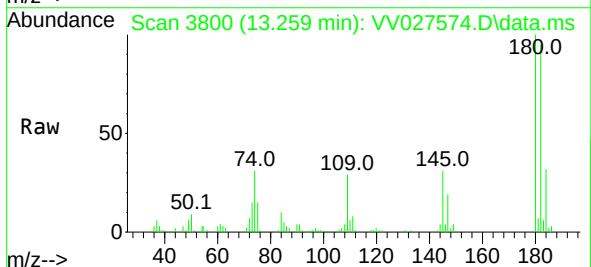
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MS

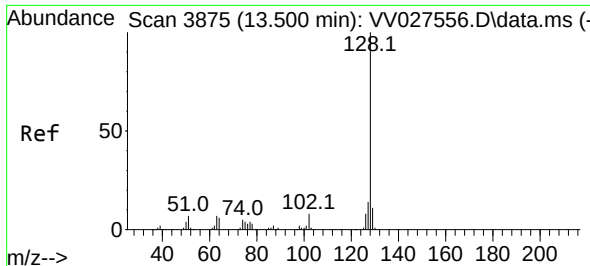
Tgt Ion:180	Resp:	73119
Ion	Ratio	Lower Upper
180	100	
182	92.5	74.1 111.1
184	29.7	23.2 34.8
145	30.3	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.044 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027574.D
 Acq: 29 Aug 2022 20:02

Tgt Ion:180	Resp:	50150
Ion	Ratio	Lower Upper
180	100	
182	94.2	76.0 114.0
145	31.3	24.9 37.3

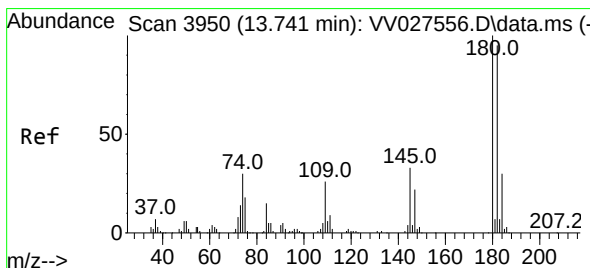
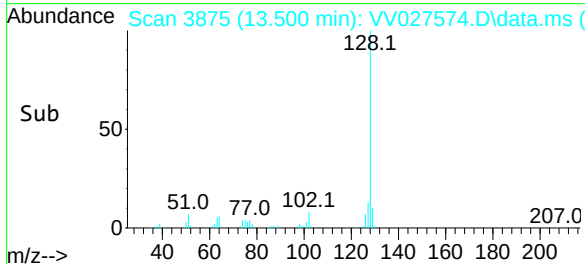
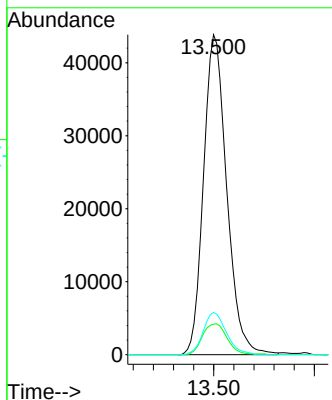
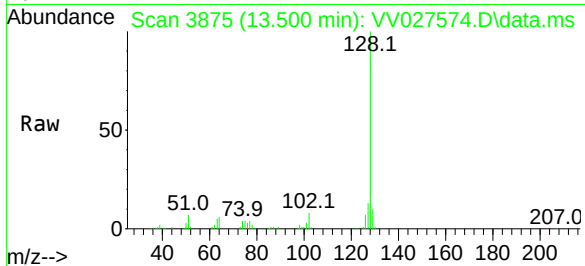




#71
Naphthalene
Concen: 4.105 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Instrument :
MSVOA_V
ClientSampleId :
DBVA8MS

Tgt Ion:	128	Resp:	70277
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.7	13.1
127	13.2	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.156 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027574.D
Acq: 29 Aug 2022 20:02

Tgt Ion:	180	Resp:	45777
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.3	112.9
145	32.8	26.6	39.8

