

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027899.D
 Acq On : 17 Sep 2022 14:17
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	195235	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	195769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16992	1.090	ug/L	0.01
7) Chloroethane-d5	1.568	69	11785	1.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	27533	1.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	22.400%#
20) 2-Butanone-d5	3.911	46	22322	9.032	ug/L	-0.03
24) Chloroform-d	4.346	84	30089	1.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14627	1.015	ug/L	0.01
32) Benzene-d6	5.050	84	54731	1.014	ug/L	0.02
36) 1,2-Dichloropropane-d6	6.069	67	14657	1.039	ug/L	0.02
41) Toluene-d8	7.316	98	49349	0.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	6085	1.008	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	16605	8.292	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.213	84	9070	0.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	18719	1.041	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	17939	1.145	ug/L	96
3) Chloromethane	1.240	50	13994	1.129	ug/L	99
5) Vinyl chloride	1.310	62	15317	1.093	ug/L	98
6) Bromomethane	1.523	94	8589	1.138	ug/L	99
8) Chloroethane	1.584	64	9398	1.176	ug/L	99
9) Trichlorofluoromethane	1.751	101	27175	1.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12950	1.155	ug/L	92
12) 1,1-Dichloroethene	2.117	96	12904	1.206	ug/L	89
13) Acetone	2.191	43	18173	11.012	ug/L	92
14) Carbon disulfide	2.294	76	31099	1.204	ug/L	98
15) Methyl Acetate	2.442	43	3917	1.047	ug/L	94
16) Methylene chloride	2.506	84	18223	1.317	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	28841	1.047	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	13809	1.145	ug/L	85
19) 1,1-Dichloroethane	3.188	63	24623	1.091	ug/L	97
21) 2-Butanone	3.995	43	18256	8.205	ug/L	100
22) cis-1,2-Dichloroethene	3.911	96	14137	1.042	ug/L #	94
23) Bromochloromethane	4.249	128	6890	1.112	ug/L #	76
25) Chloroform	4.374	83	30295	1.119	ug/L	94
27) 1,2-Dichloroethane	5.133	62	16804	1.097	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	27044	1.057	ug/L	97
30) Cyclohexane	4.667	56	15965	1.017	ug/L	91
31) Carbon tetrachloride	4.825	117	24078	1.062	ug/L	97
33) Benzene	5.098	78	54585	1.070	ug/L	100
34) Trichloroethene	5.915	95	15487	1.123	ug/L	92
35) Methylcyclohexane	6.127	83	19414	1.017	ug/L	93
37) 1,2-Dichloropropane	6.172	63	11598	1.009	ug/L #	97
38) Bromodichloromethane	6.509	83	19272	1.075	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	16735	0.968	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	54376	9.738	ug/L	93
42) Toluene	7.387	91	59543	1.063	ug/L	100

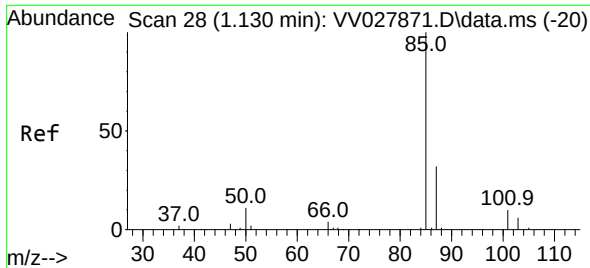
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027899.D
 Acq On : 17 Sep 2022 14:17
 Operator : SY/MD
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Quant Time: Sep 19 02:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.654	75	14909	0.976	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	9782	1.096	ug/L	99
47) Tetrachloroethene	7.972	164	12191	1.058	ug/L	97
48) 2-Hexanone	8.143	43	38007	9.485	ug/L #	96
49) Dibromochloromethane	8.246	129	12580	1.075	ug/L	98
50) 1,2-Dibromoethane	8.352	107	8669	1.083	ug/L	96
51) Chlorobenzene	8.882	112	41788	1.090	ug/L	97
52) Ethylbenzene	9.011	91	61232	1.004	ug/L	98
53) m,p-Xylene	9.136	106	24213	1.002	ug/L	91
54) o-Xylene	9.541	106	23388	0.996	ug/L	98
55) Styrene	9.561	104	39991	0.986	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	9448	1.031	ug/L #	94
59) Bromoform	9.731	173	7029	1.155	ug/L	98
60) Isopropylbenzene	9.931	105	63475	1.059	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7871	1.116	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	18709	1.066	ug/L	94
63) 1,2,4-Trimethylbenzene	10.911	105	49520	1.004	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	33326	1.095	ug/L	93
65) 1,4-Dichlorobenzene	11.271	146	33622	1.090	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	31023	1.107	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	1497	0.995	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	27249	1.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	20031	1.032	ug/L	96
71) Naphthalene	13.503	128	28767	1.066	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	16277	0.985	ug/L	96

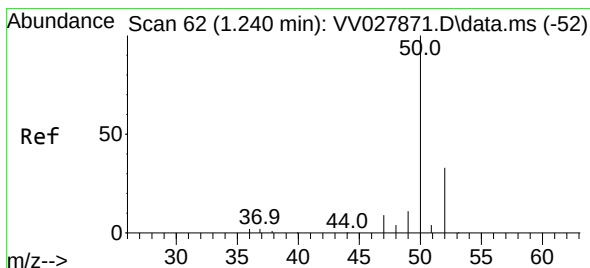
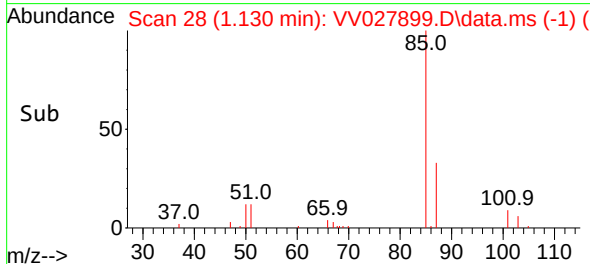
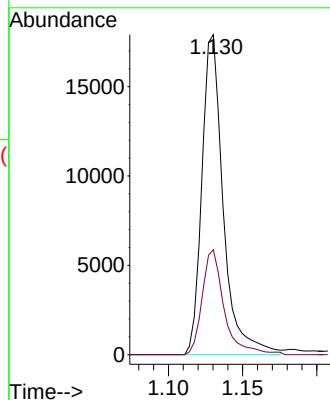
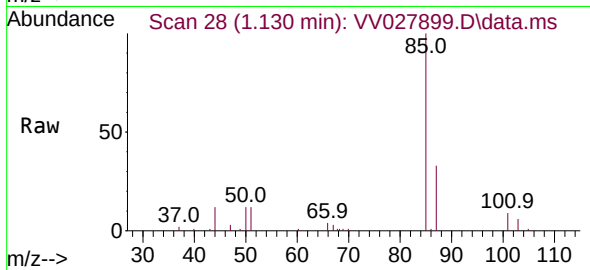
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.145 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.006 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

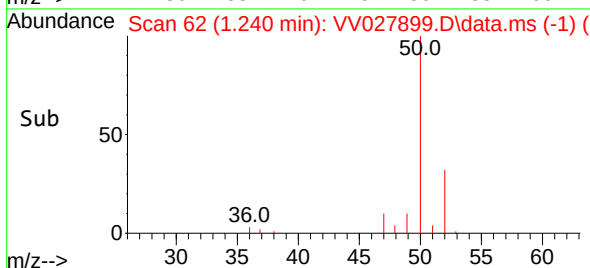
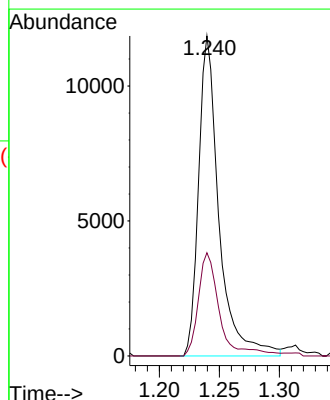
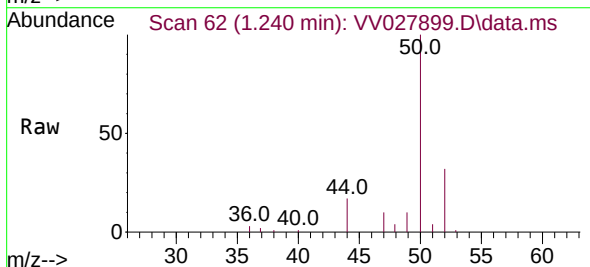
Instrument :
 MSVOA_V
 ClientSampleId :

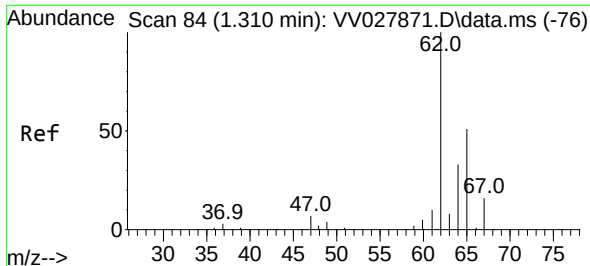
Tgt Ion: 85 Resp: 17939
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.4 38.0



#3
 Chloromethane
 Concen: 1.129 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

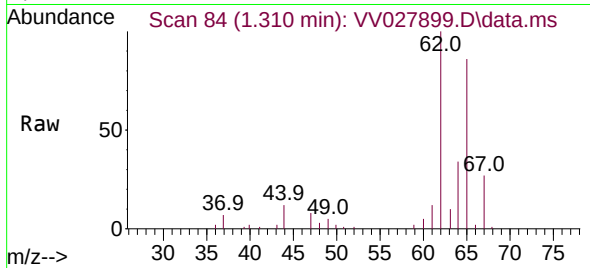
Tgt Ion: 50 Resp: 13994
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1



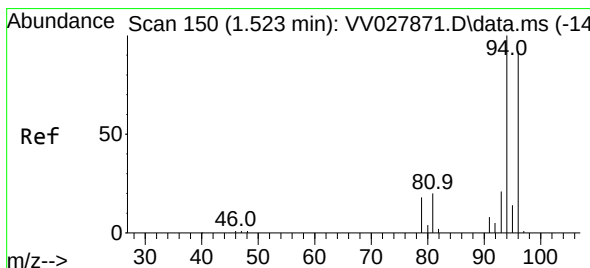
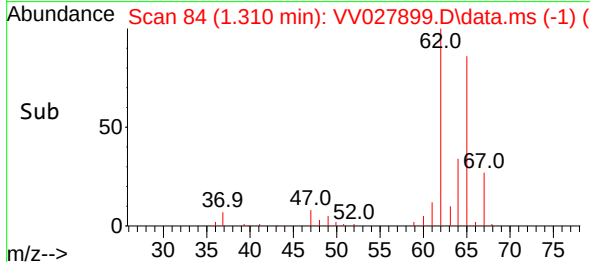
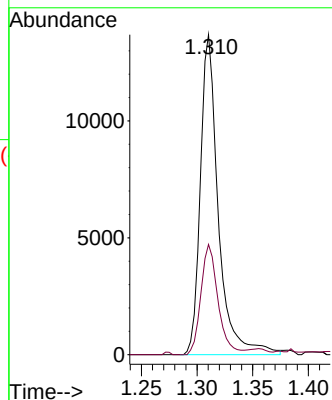


#5
 Vinyl chloride
 Concen: 1.093 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

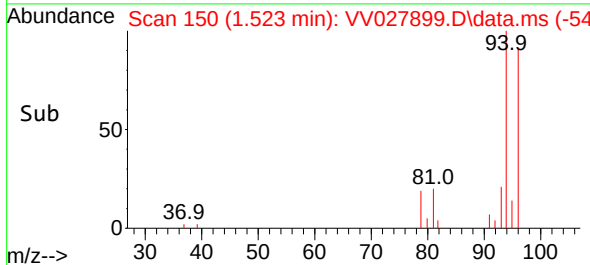
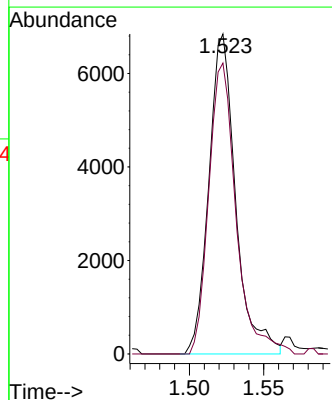
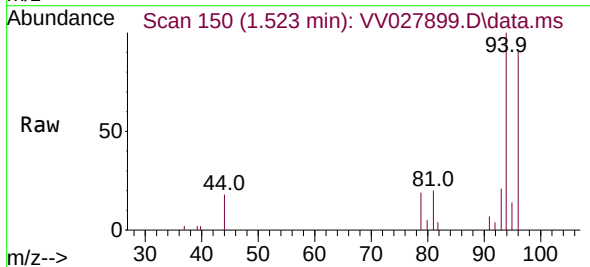


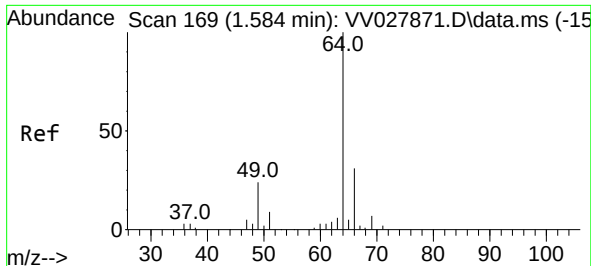
Tgt Ion: 62 Resp: 15317
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.2



#6
 Bromomethane
 Concen: 1.138 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.010 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

Tgt Ion: 94 Resp: 8589
 Ion Ratio Lower Upper
 94 100
 96 90.9 64.2 119.2

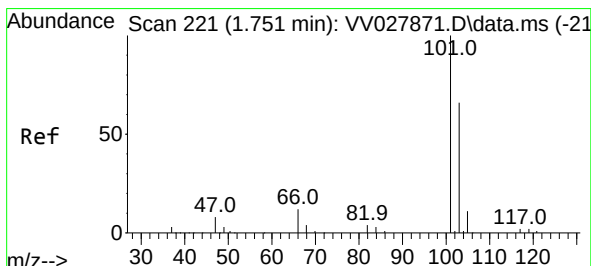
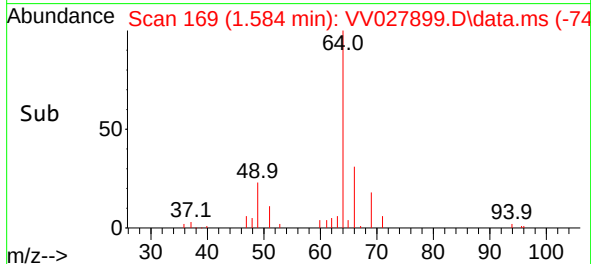
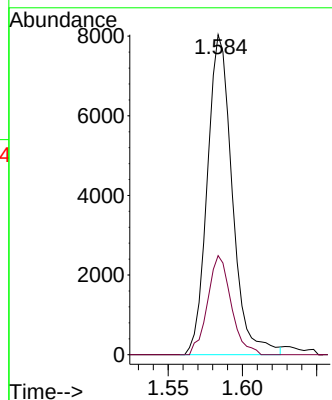
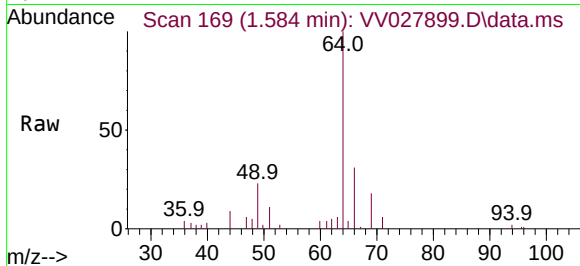




#8
Chloroethane
Concen: 1.176 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

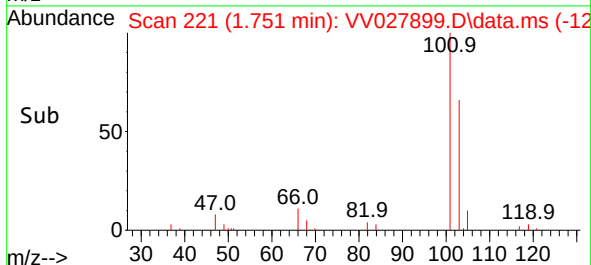
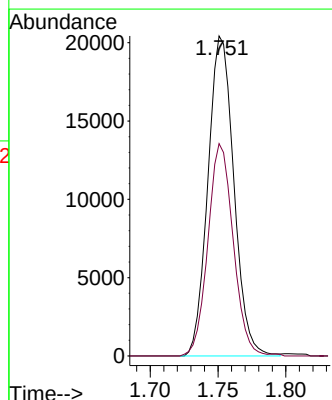
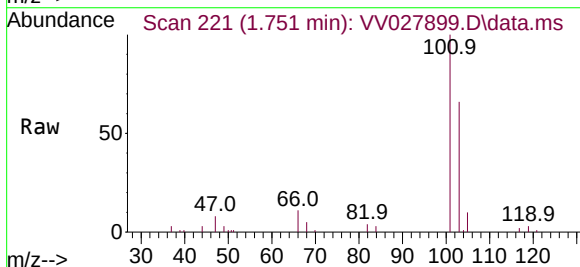
Instrument :
MSVOA_V
ClientSampleId :

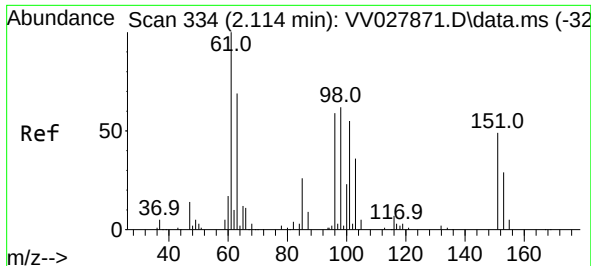
Tgt Ion: 64 Resp: 9398
Ion Ratio Lower Upper
64 100
66 31.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 1.165 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion:101 Resp: 27175
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5





#10

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

Concen: 1.155 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.013 min

Lab File: VV027899.D

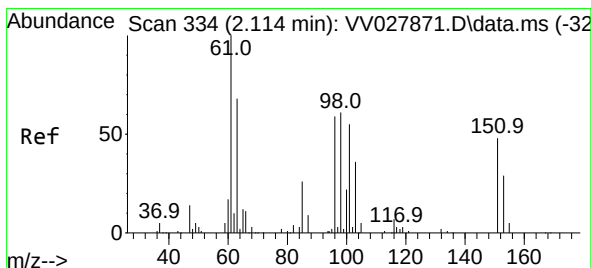
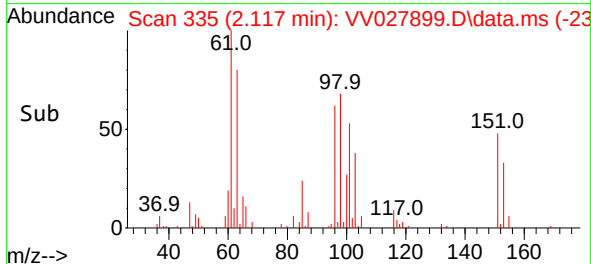
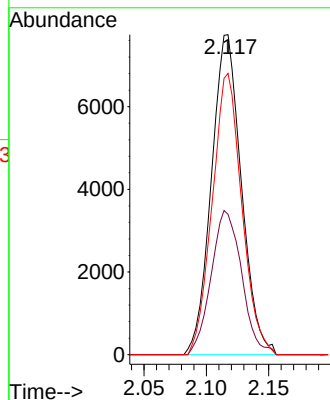
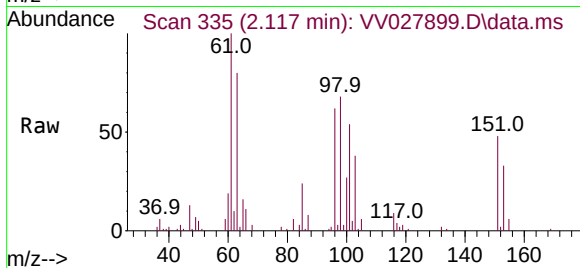
Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	12950
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.8	53.8
151	86.6	61.2	91.8



#12

1,1-Dichloroethene

Concen: 1.206 ug/L

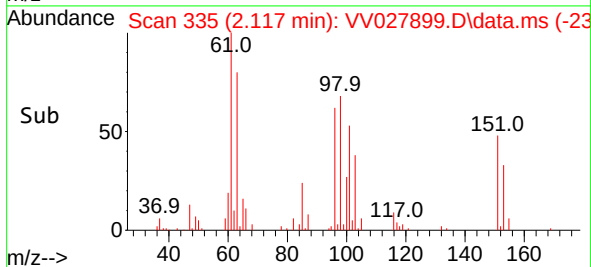
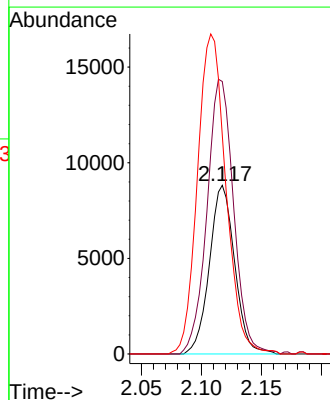
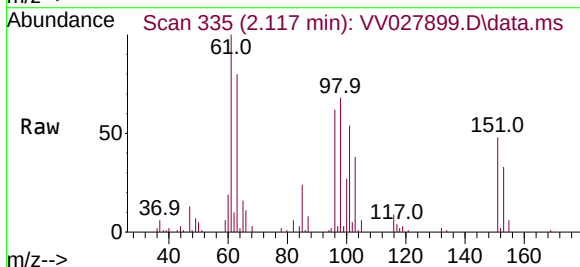
RT: 2.117 min Scan# 335

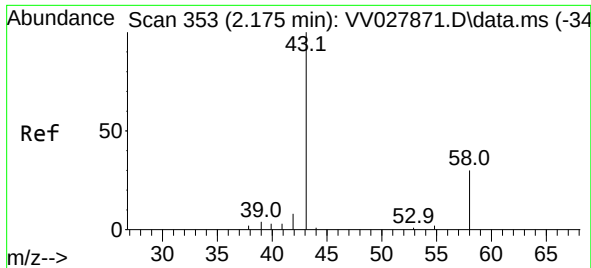
Delta R.T. 0.010 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Tgt Ion:	96	Resp:	12904
Ion	Ratio	Lower	Upper
96	100		
61	161.6	129.9	241.3
63	129.8	94.6	175.8





#13

Acetone

Concen: 11.012 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

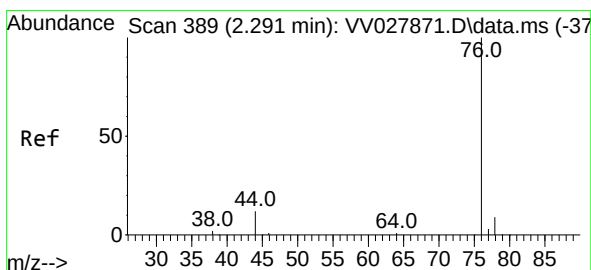
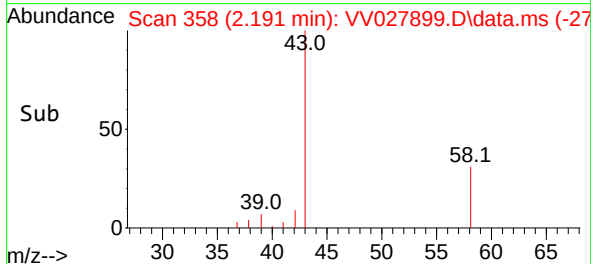
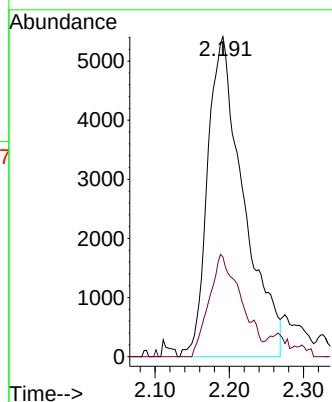
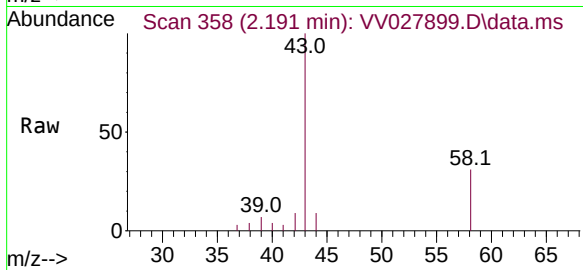
ClientSampleId :

Tgt Ion: 43 Resp: 18173

Ion Ratio Lower Upper

43 100

58 28.8 0.0 49.4



#14

Carbon disulfide

Concen: 1.204 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.013 min

Lab File: VV027899.D

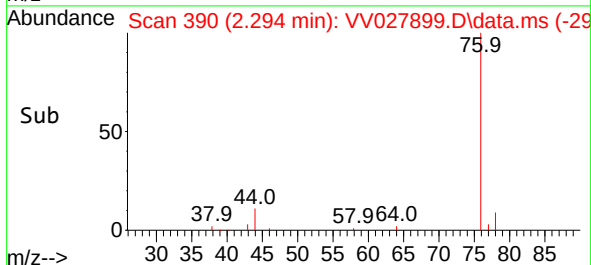
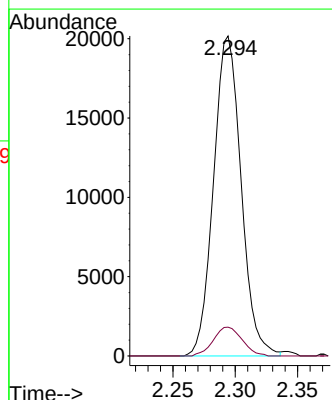
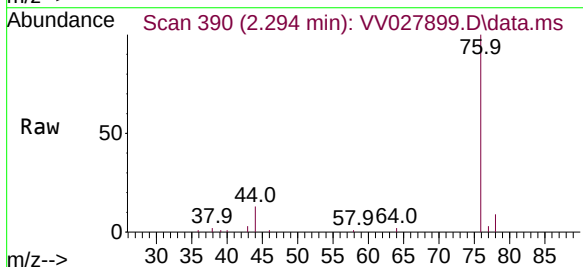
Acq: 17 Sep 2022 14:17

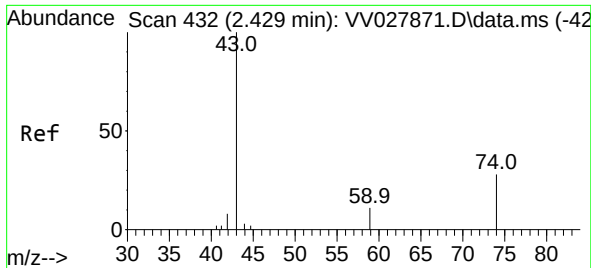
Tgt Ion: 76 Resp: 31099

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

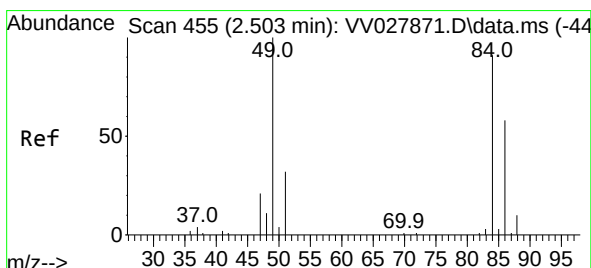
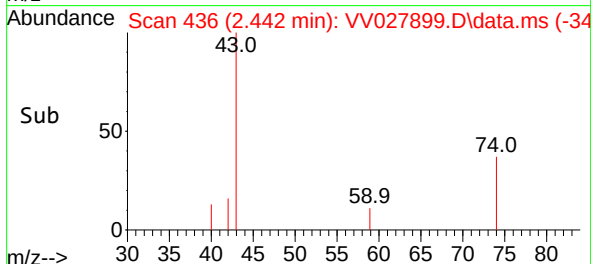
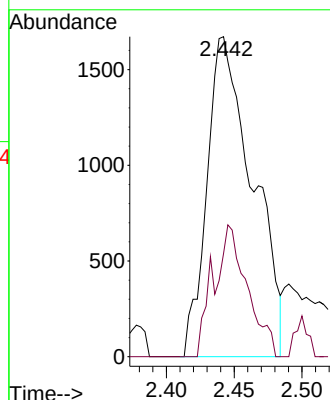
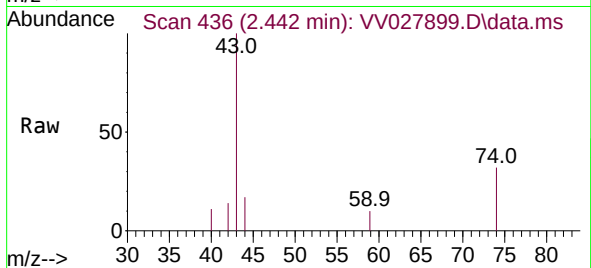




#15
Methyl Acetate
Concen: 1.047 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

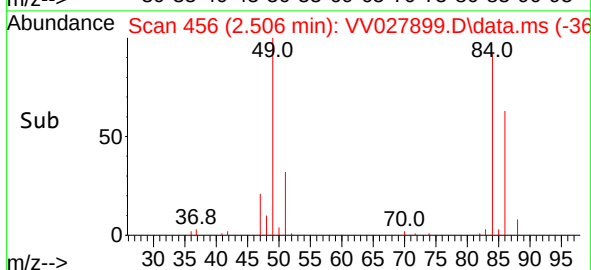
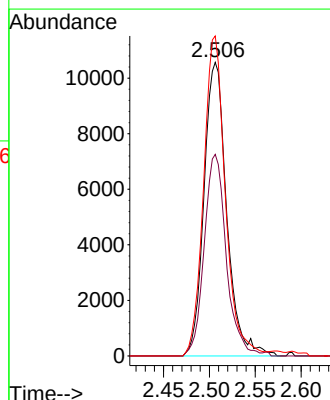
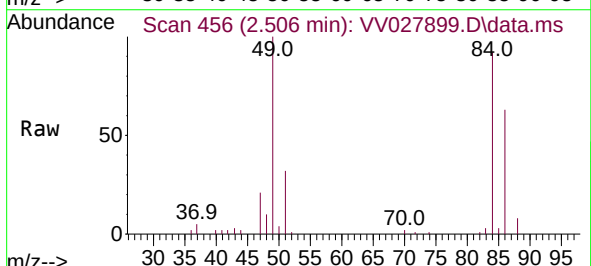
Instrument :
MSVOA_V
ClientSampleId :

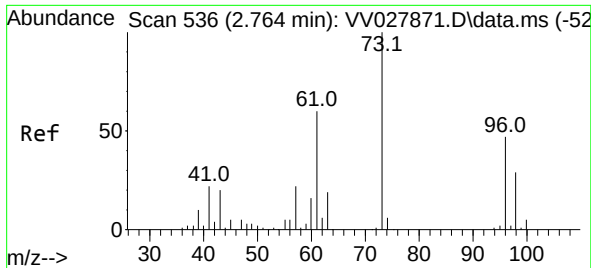
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
74 23.8 16.6 25.0



#16
Methylene chloride
Concen: 1.317 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 84 Resp: 18223
Ion Ratio Lower Upper
84 100
86 68.7 44.9 83.3
49 109.0 90.1 167.3

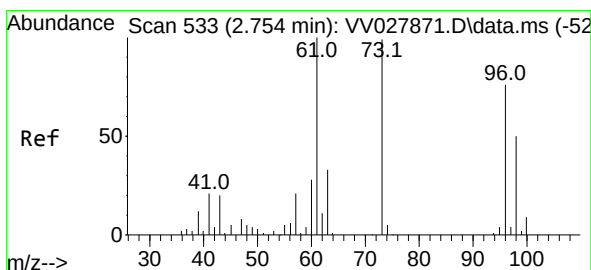
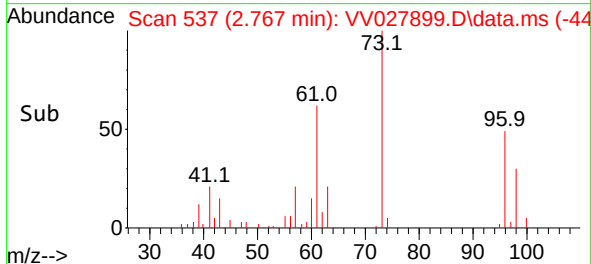
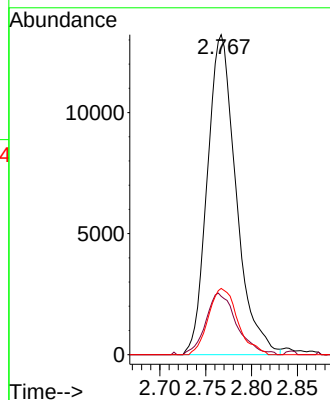
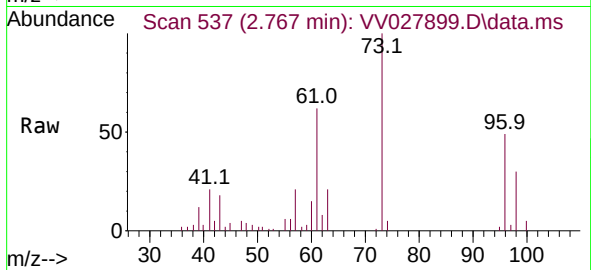




#17
Methyl tert-butyl Ether
Concen: 1.047 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

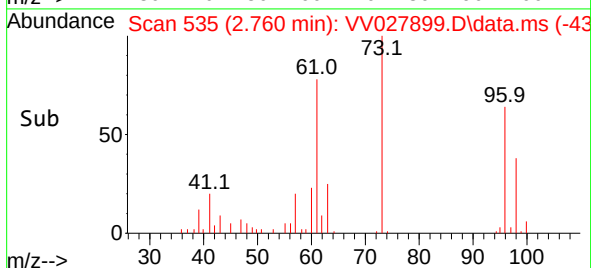
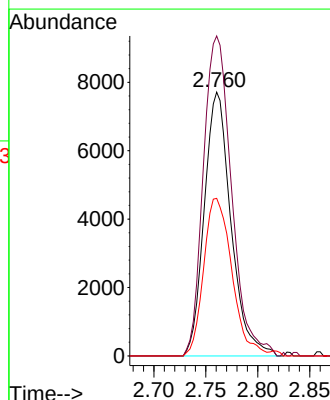
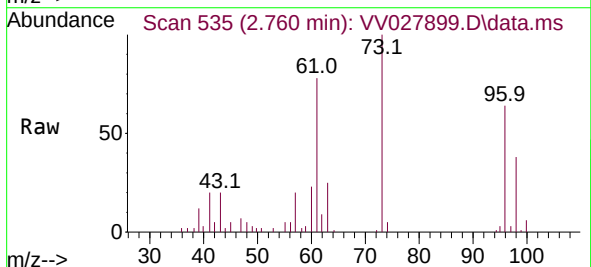
Instrument :
MSVOA_V
ClientSampleId :

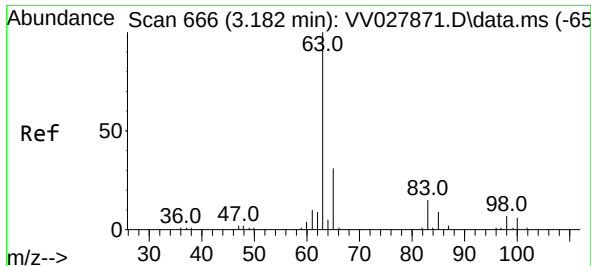
Tgt Ion: 73 Resp: 28841
Ion Ratio Lower Upper
73 100
43 20.6 17.5 26.3
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 1.145 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.009 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 96 Resp: 13809
Ion Ratio Lower Upper
96 100
61 121.3 102.6 190.5
98 59.7 44.0 81.8





#19

1,1-Dichloroethane

Concen: 1.091 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

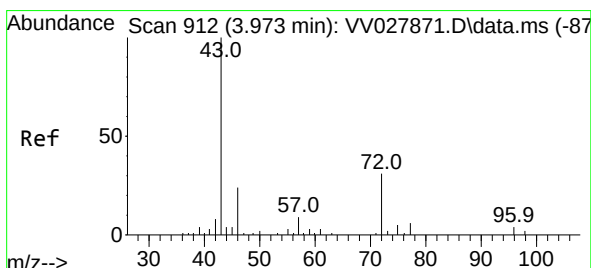
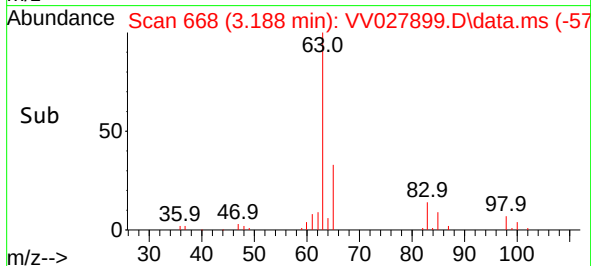
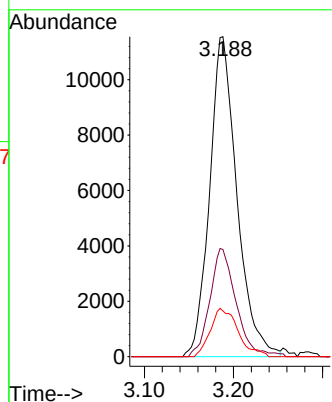
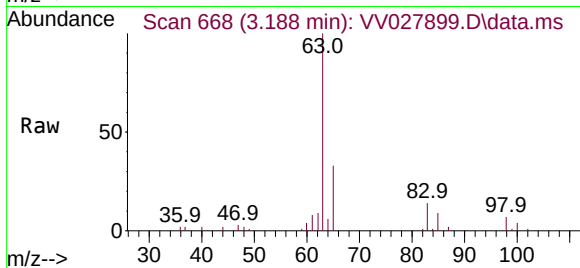
Tgt Ion: 63 Resp: 24623

Ion Ratio Lower Upper

63 100

65 33.5 22.0 41.0

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 8.205 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.035 min

Lab File: VV027899.D

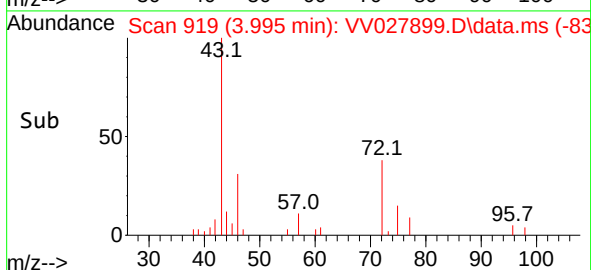
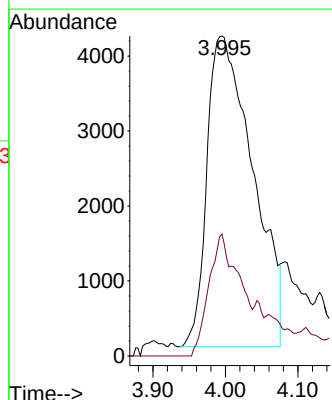
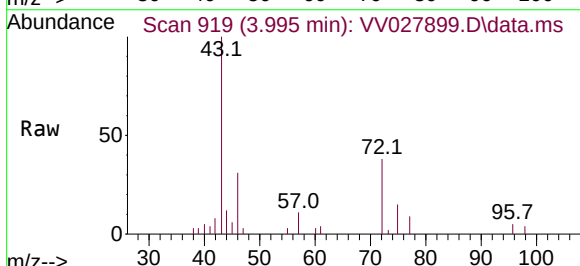
Acq: 17 Sep 2022 14:17

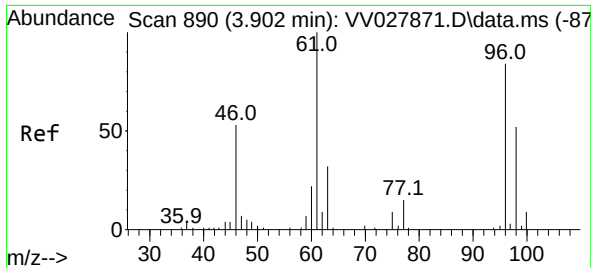
Tgt Ion: 43 Resp: 18256

Ion Ratio Lower Upper

43 100

72 26.2 13.0 39.0

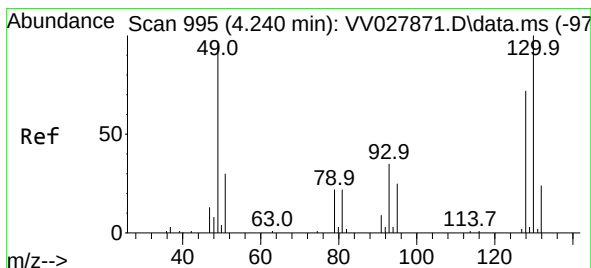
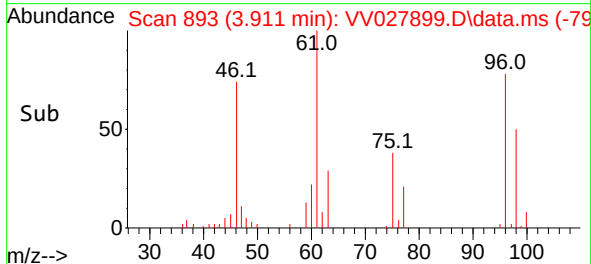
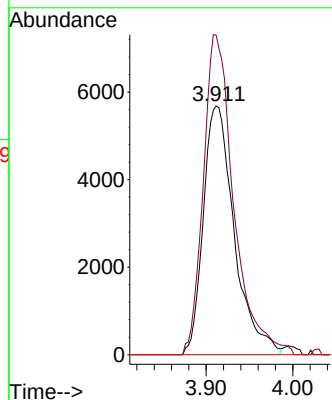
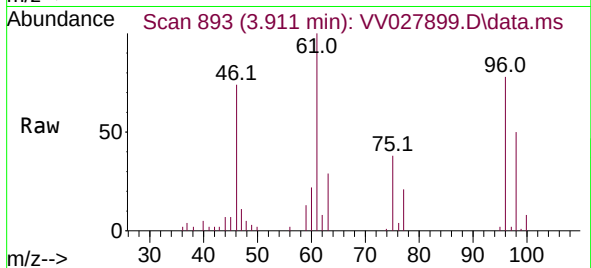




#22
 cis-1,2-Dichloroethene
 Concen: 1.042 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

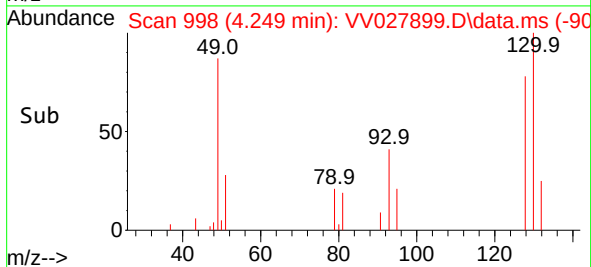
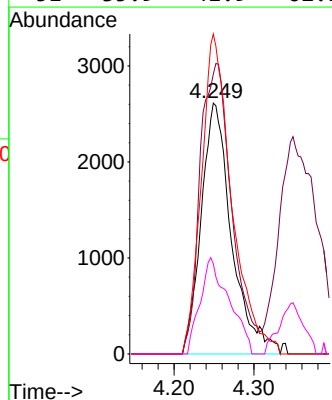
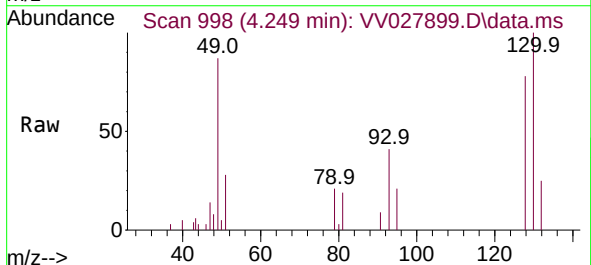
Instrument :
 MSVOA_V
 ClientSampleId :

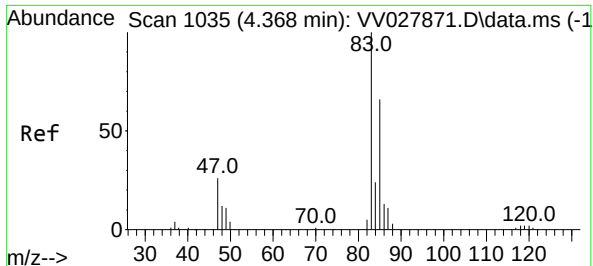
Tgt Ion: 96 Resp: 14137
 Ion Ratio Lower Upper
 96 100
 61 128.4 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 1.112 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027899.D
 Acq: 17 Sep 2022 14:17

Tgt Ion: 128 Resp: 6890
 Ion Ratio Lower Upper
 128 100
 49 111.6 118.4 219.8#
 130 127.6 89.2 165.6
 51 35.9 41.9 62.9#





#25

Chloroform

Concen: 1.119 ug/L

RT: 4.374 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

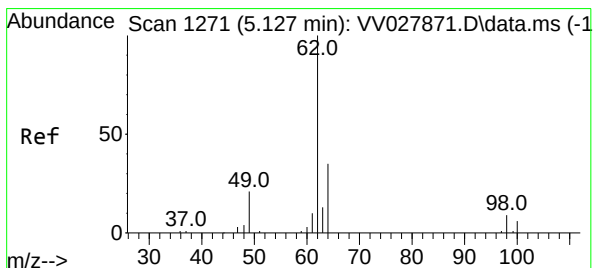
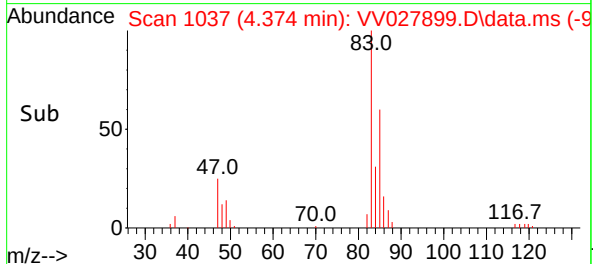
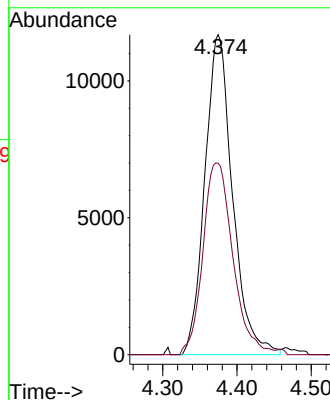
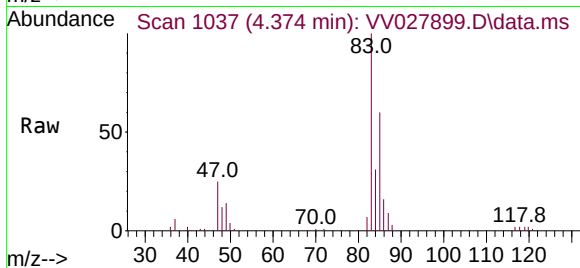
ClientSampleId :

Tgt Ion: 83 Resp: 30295

Ion Ratio Lower Upper

83 100

85 59.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 1.097 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.013 min

Lab File: VV027899.D

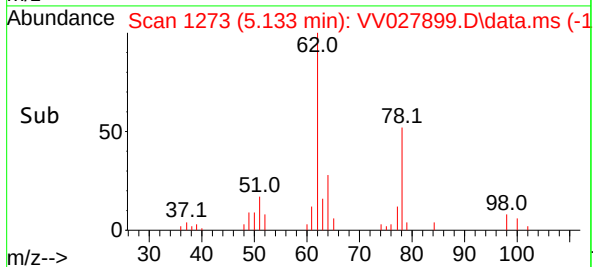
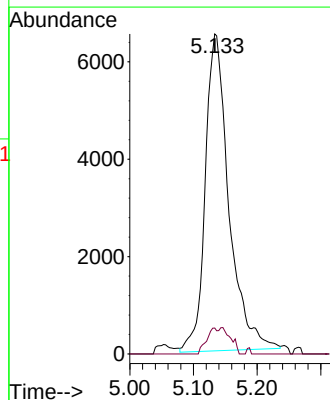
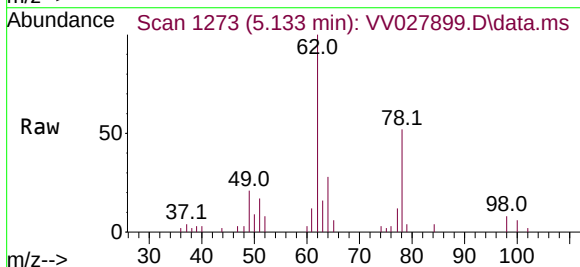
Acq: 17 Sep 2022 14:17

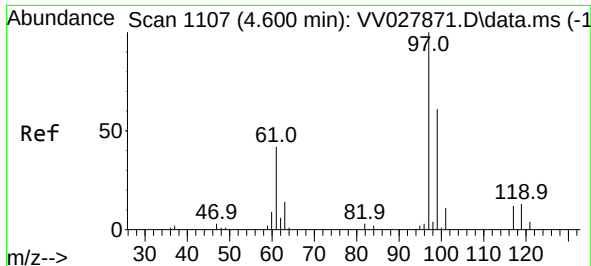
Tgt Ion: 62 Resp: 16804

Ion Ratio Lower Upper

62 100

98 8.1 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 1.057 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

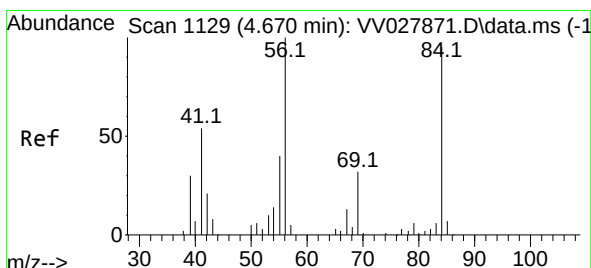
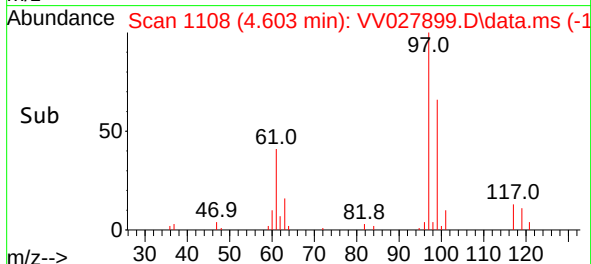
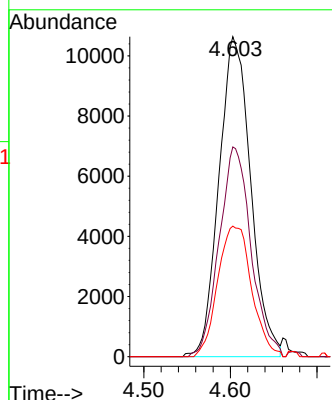
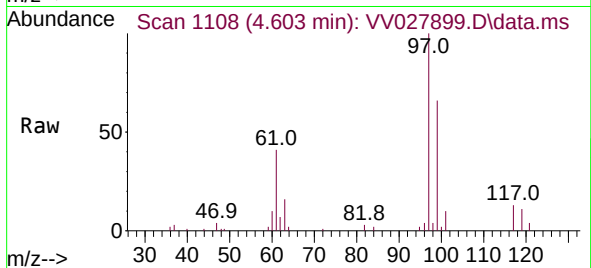
Tgt Ion: 97 Resp: 27044

Ion Ratio Lower Upper

97 100

99 65.8 50.8 76.2

61 43.5 36.2 54.4



#30

Cyclohexane

Concen: 1.017 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.016 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

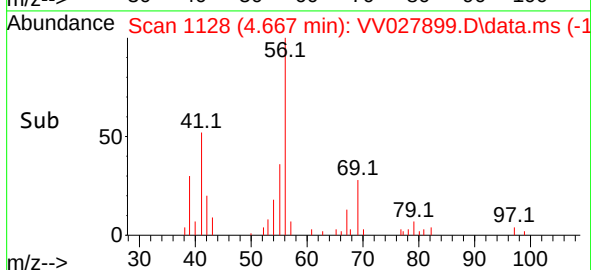
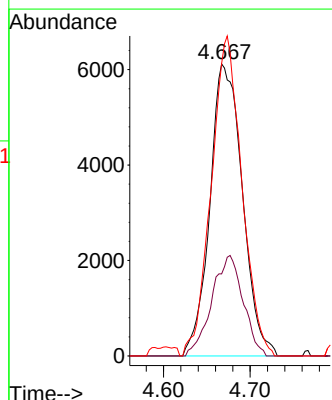
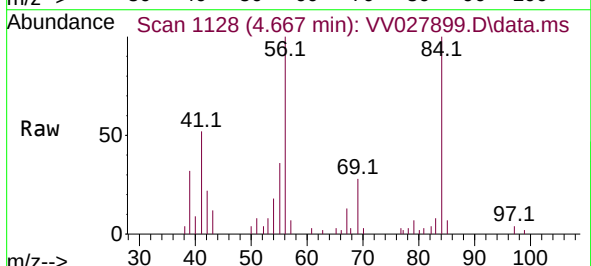
Tgt Ion: 56 Resp: 15965

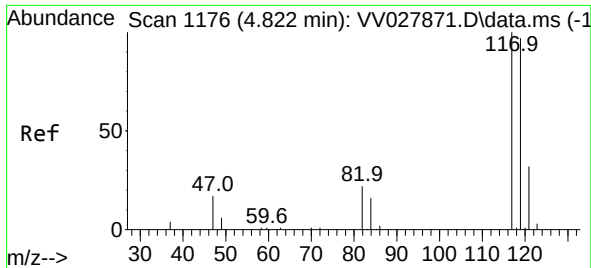
Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 103.0 73.8 110.8

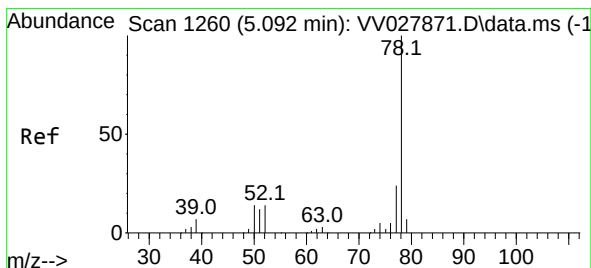
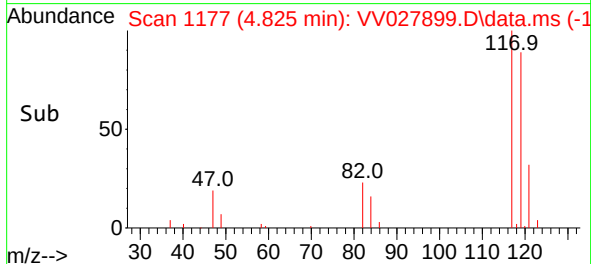
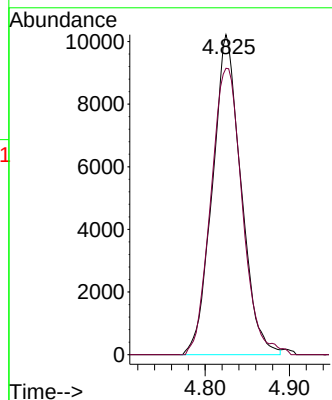
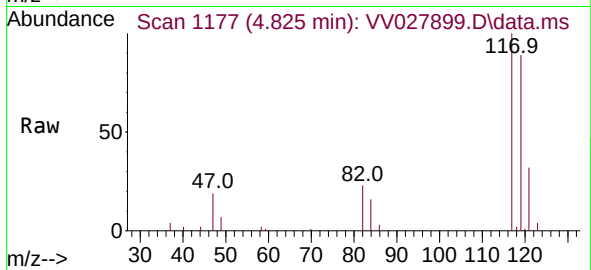




#31
Carbon tetrachloride
Concen: 1.062 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

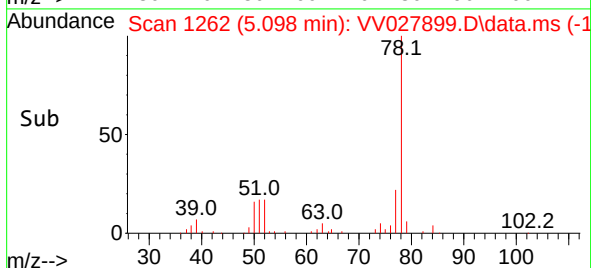
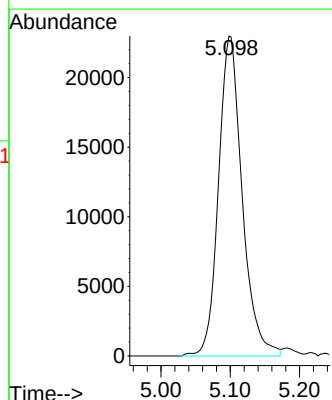
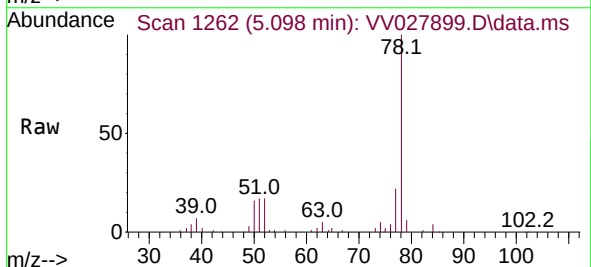
Instrument :
MSVOA_V
ClientSampleId :

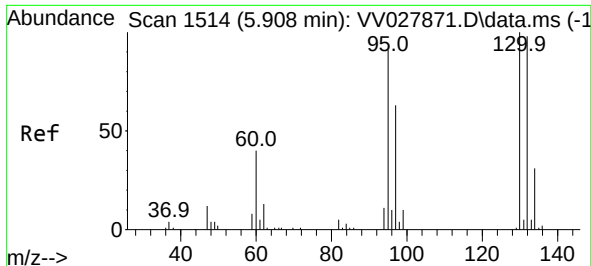
Tgt Ion:117 Resp: 24078
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8



#33
Benzene
Concen: 1.070 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.019 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 78 Resp: 54585

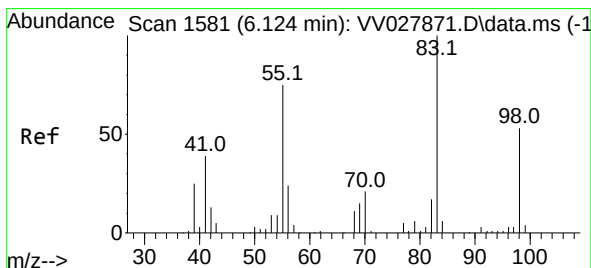
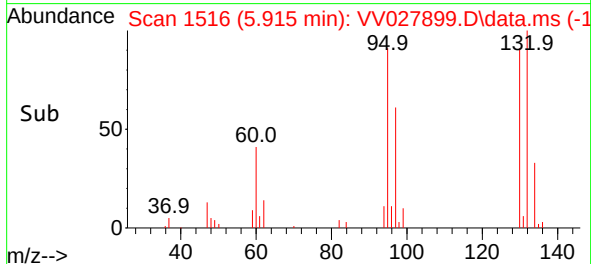
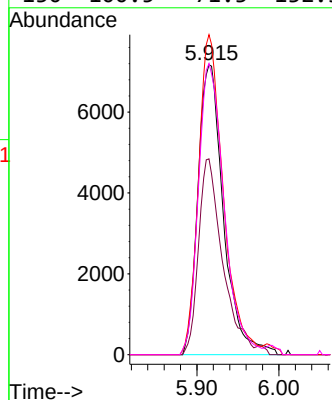
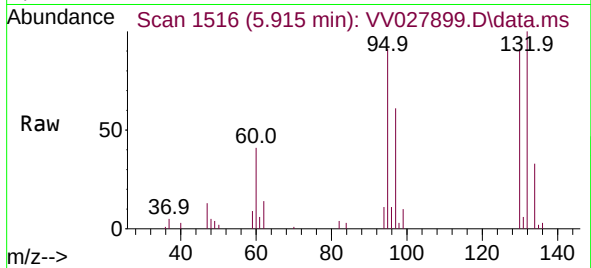




#34
Trichloroethene
Concen: 1.123 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.035 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

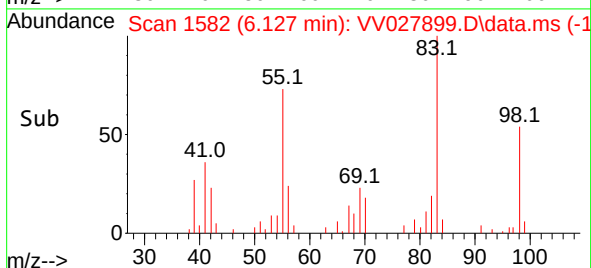
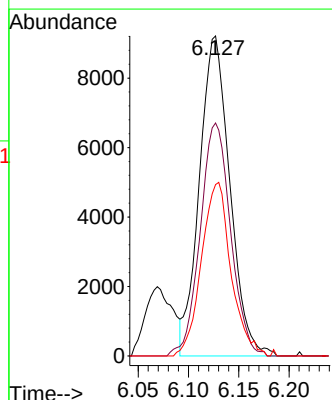
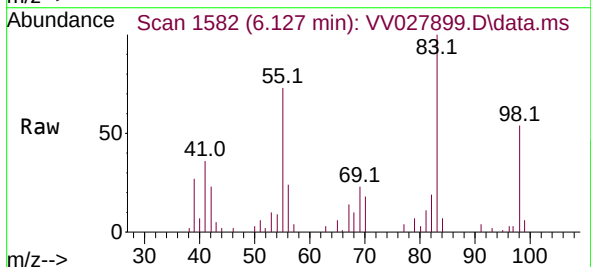
Instrument :
MSVOA_V
ClientSampleId :

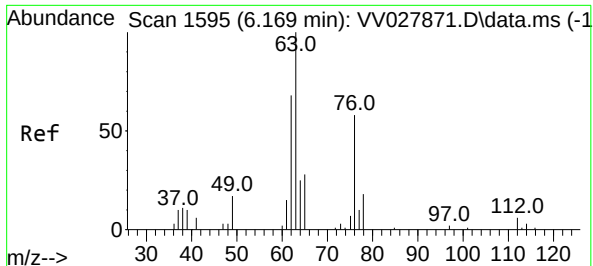
Tgt Ion: 95 Resp: 15487
Ion Ratio Lower Upper
95 100
97 67.5 42.9 79.7
132 110.4 67.9 126.1
130 100.5 71.3 132.3



#35
Methylcyclohexane
Concen: 1.017 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.039 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 83 Resp: 19414
Ion Ratio Lower Upper
83 100
55 72.7 61.9 92.9
98 52.6 37.5 56.3





#37

1,2-Dichloropropane

Concen: 1.009 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

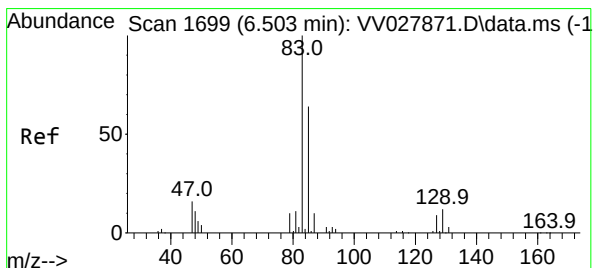
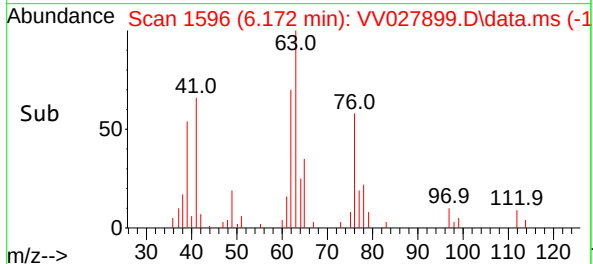
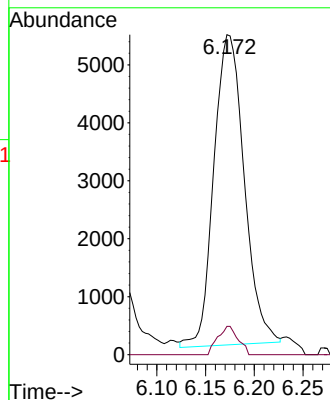
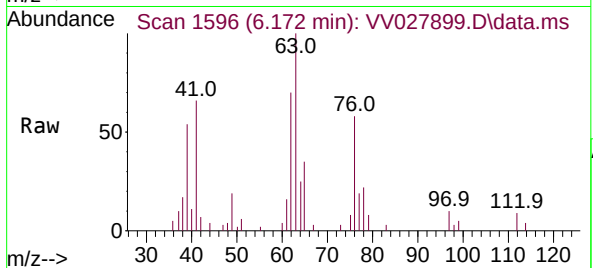
ClientSampleId :

Tgt Ion: 63 Resp: 11598

Ion Ratio Lower Upper

63 100

112 6.1 4.0 6.0#



#38

Bromodichloromethane

Concen: 1.075 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.016 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

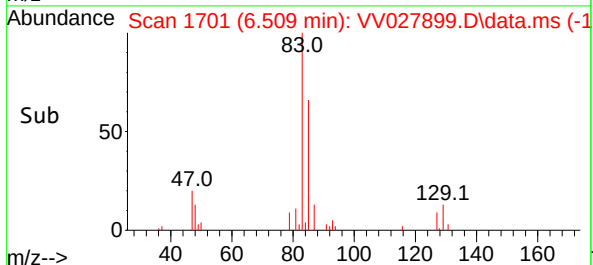
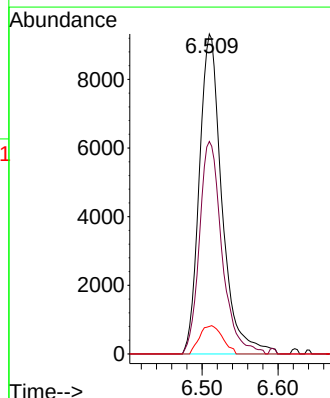
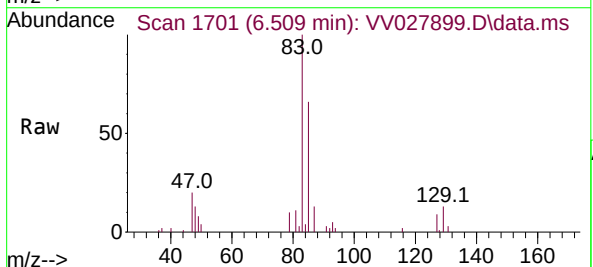
Tgt Ion: 83 Resp: 19272

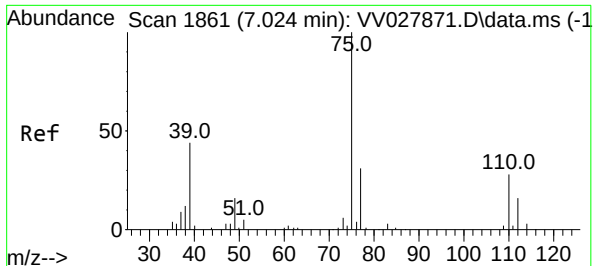
Ion Ratio Lower Upper

83 100

85 66.4 43.3 80.3

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.968 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. -0.010 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

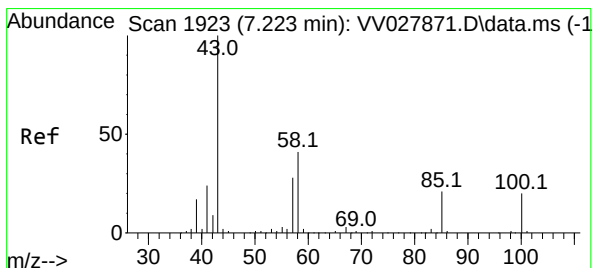
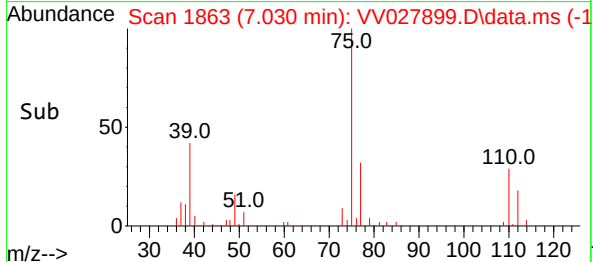
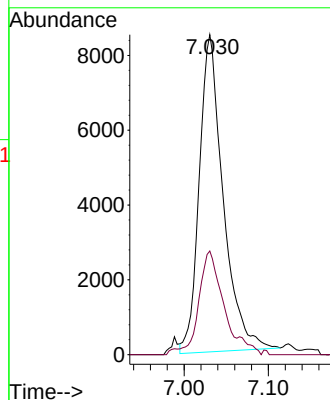
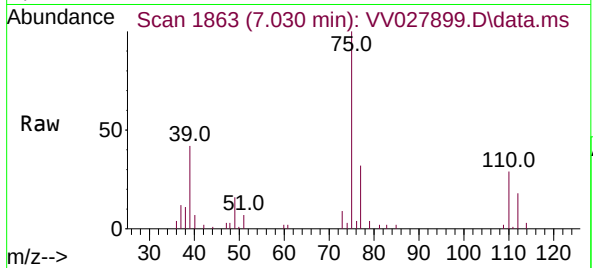
ClientSampleId :

Tgt Ion: 75 Resp: 16735

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 9.738 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.039 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

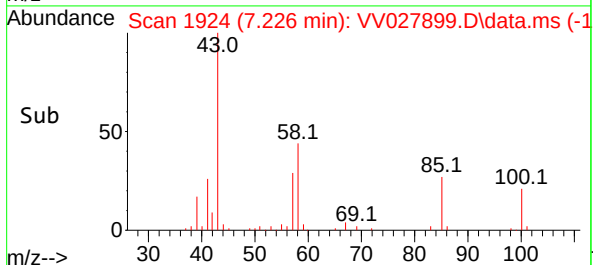
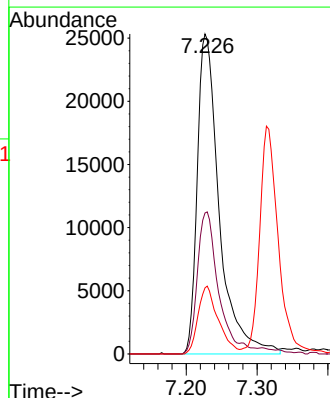
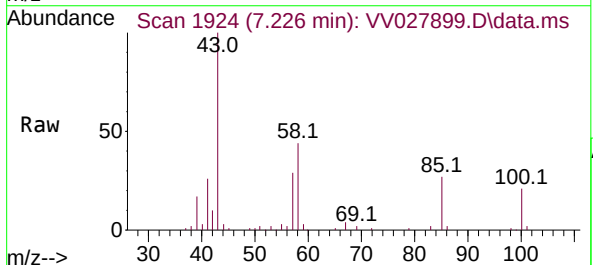
Tgt Ion: 43 Resp: 54376

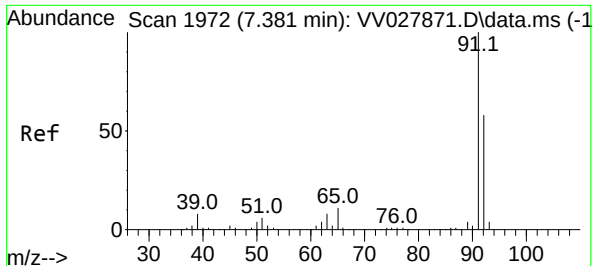
Ion Ratio Lower Upper

43 100

58 42.9 30.9 46.3

100 19.5 13.4 20.0





#42

Toluene

Concen: 1.063 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. -0.006 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

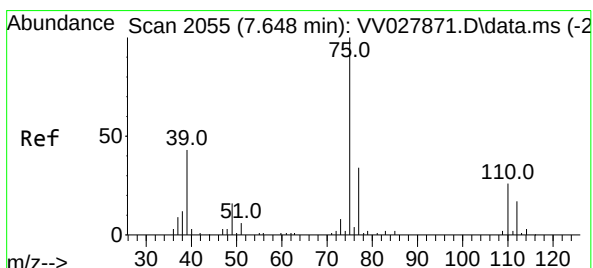
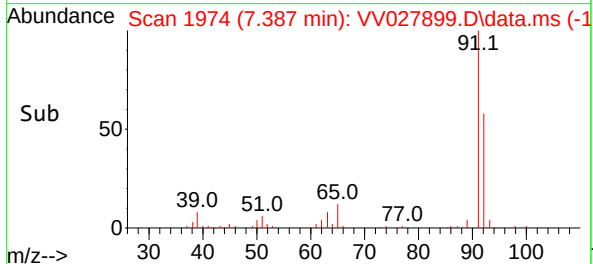
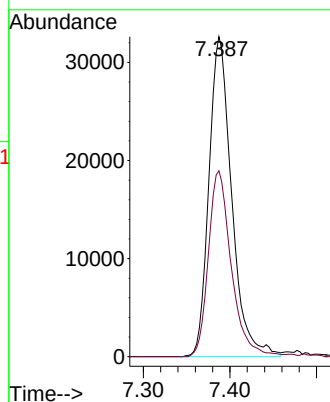
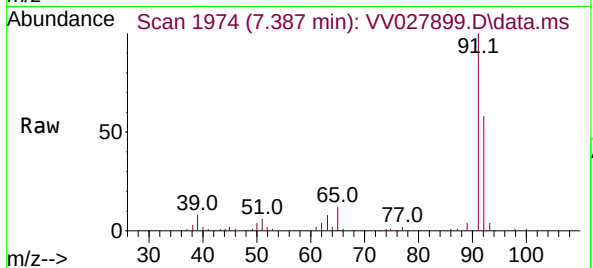
ClientSampleId :

Tgt Ion: 91 Resp: 59543

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.010 min

Lab File: VV027899.D

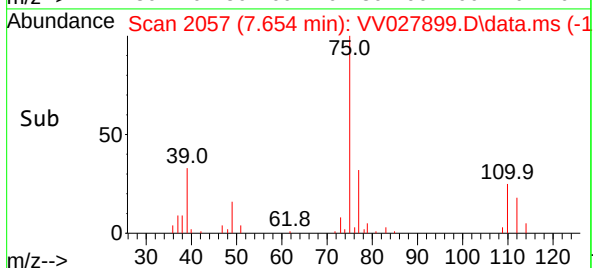
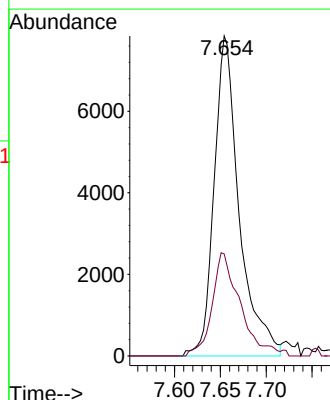
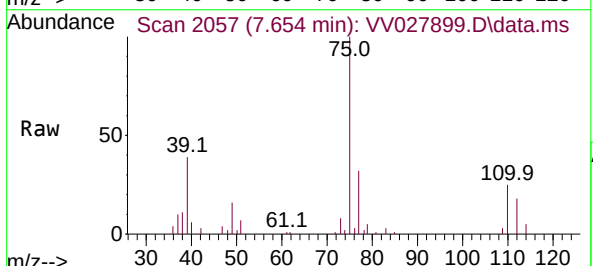
Acq: 17 Sep 2022 14:17

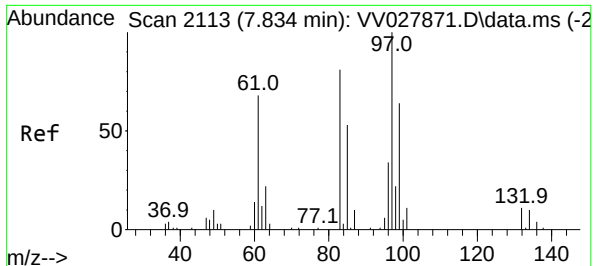
Tgt Ion: 75 Resp: 14909

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 1.096 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. -0.013 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 9782

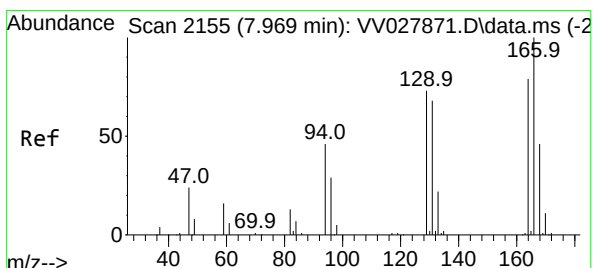
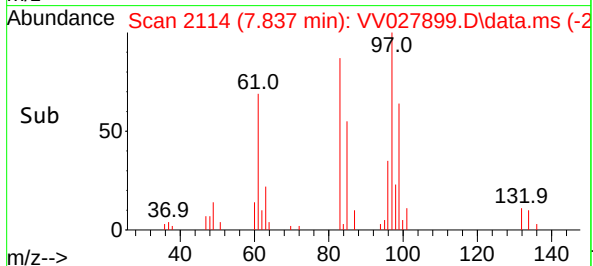
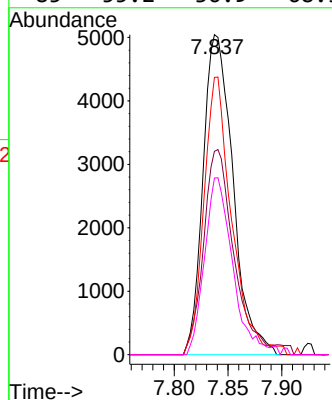
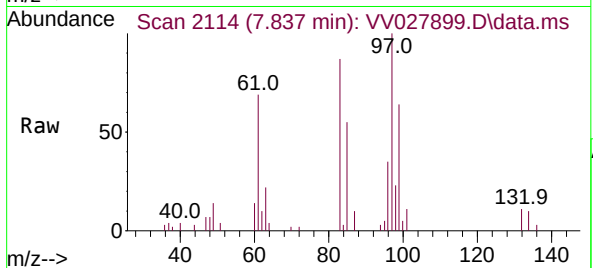
Ion Ratio Lower Upper

97 100

99 63.5 44.2 82.0

83 86.7 60.3 112.1

85 55.2 36.9 68.5



#47

Tetrachloroethene

Concen: 1.058 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Tgt Ion: 164 Resp: 12191

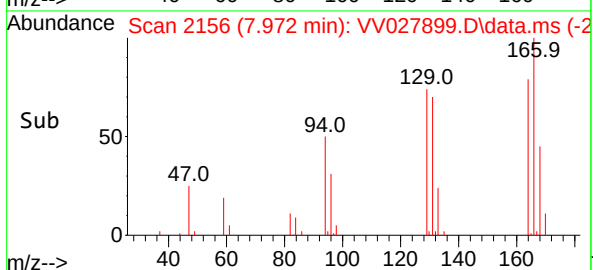
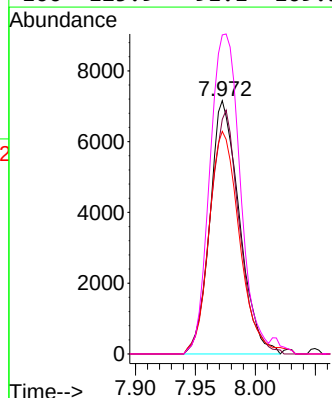
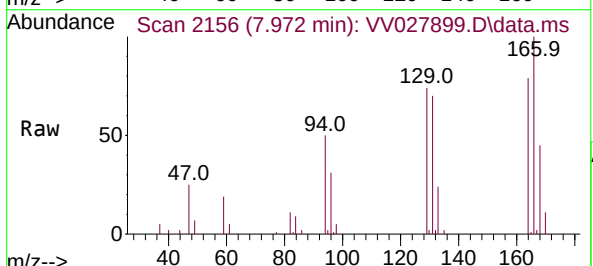
Ion Ratio Lower Upper

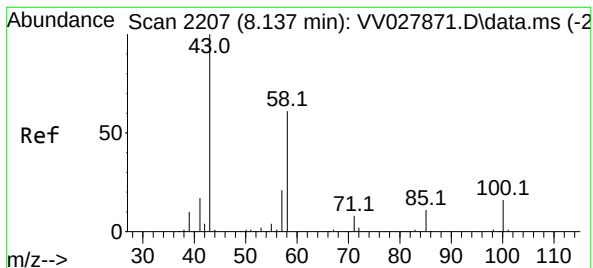
164 100

129 92.6 67.2 124.8

131 87.8 61.5 114.3

166 125.9 91.1 169.3





#48

2-Hexanone

Concen: 9.485 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.023 min

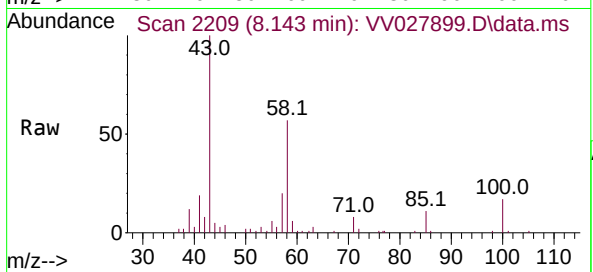
Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 38007

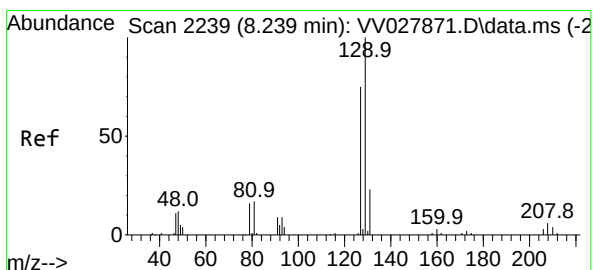
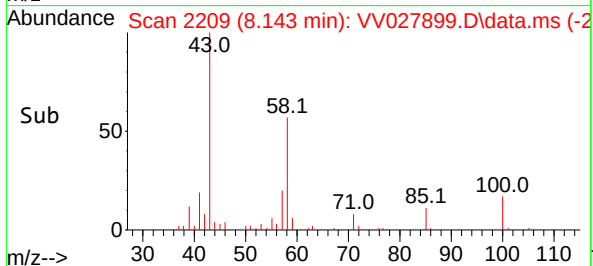
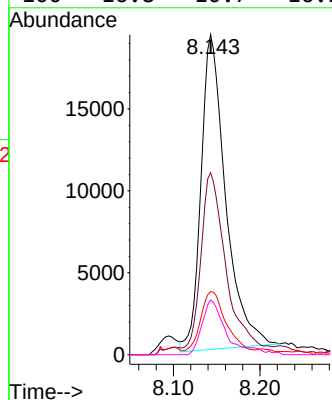
Ion Ratio Lower Upper

43 100

58 56.4 43.2 64.8

57 20.4 15.6 23.4

100 16.8 10.7 16.1#



#49

Dibromochloromethane

Concen: 1.075 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.010 min

Lab File: VV027899.D

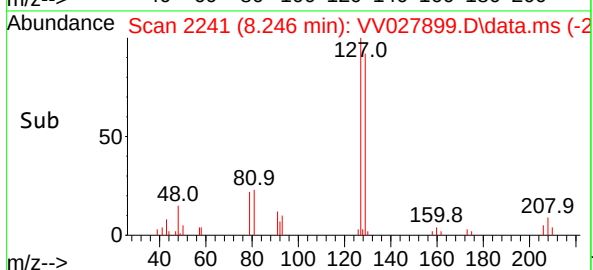
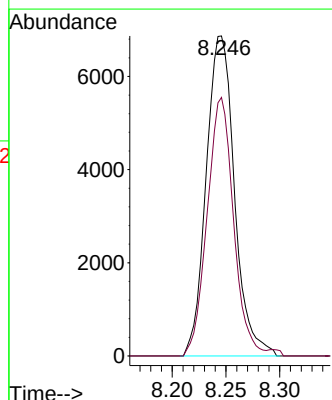
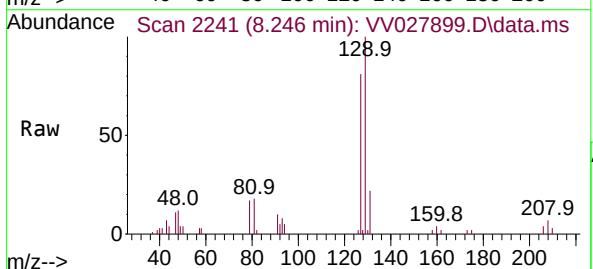
Acq: 17 Sep 2022 14:17

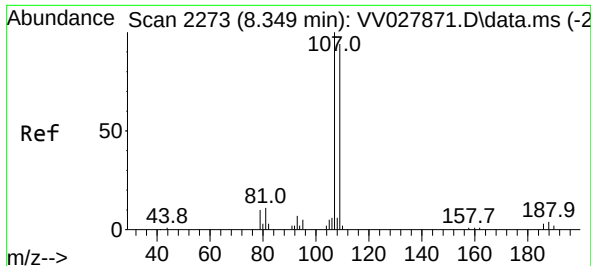
Tgt Ion:129 Resp: 12580

Ion Ratio Lower Upper

129 100

127 80.8 55.2 102.6





#50

1,2-Dibromoethane

Concen: 1.083 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV027899.D

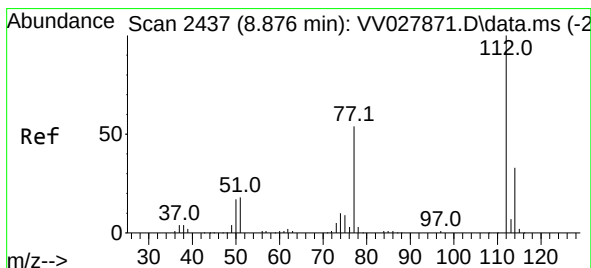
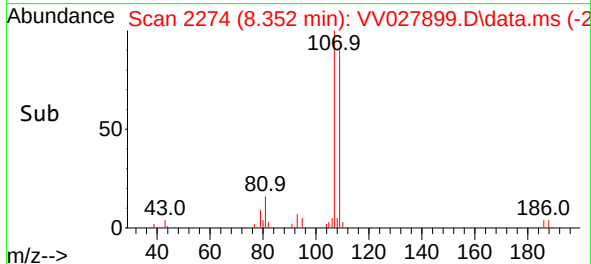
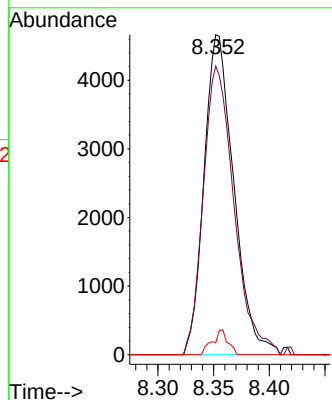
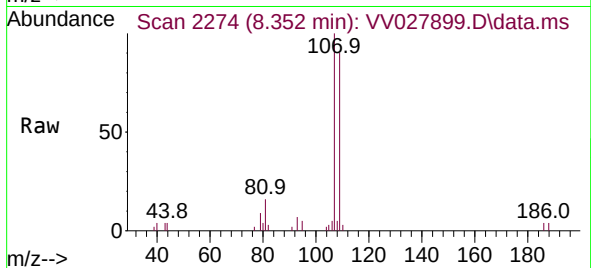
Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	8669
Ion Ratio	Lower	Upper
107	100	
109	90.2	65.9 122.5
188	3.8	3.1 4.7



#51

Chlorobenzene

Concen: 1.090 ug/L

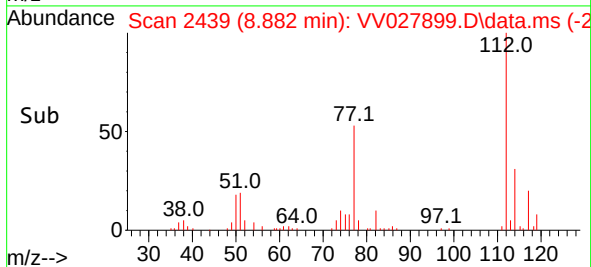
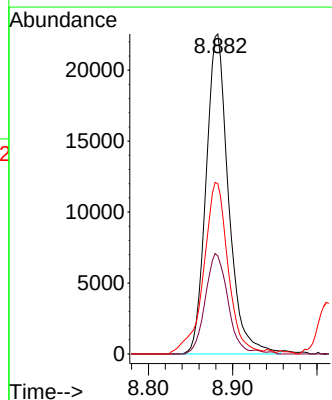
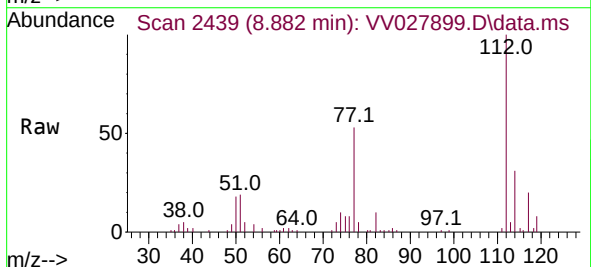
RT: 8.882 min Scan# 2439

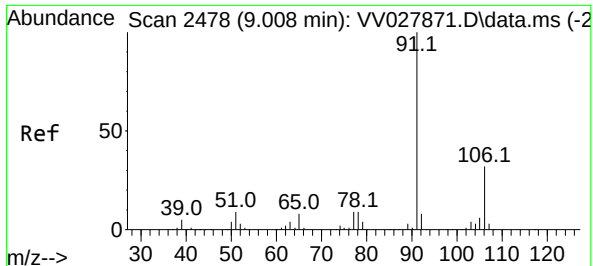
Delta R.T. -0.003 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Tgt Ion:112	Resp:	41788
Ion Ratio	Lower	Upper
112	100	
114	30.6	21.7 40.3
77	53.3	45.3 67.9





#52

Ethylbenzene

Concen: 1.004 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. -0.003 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

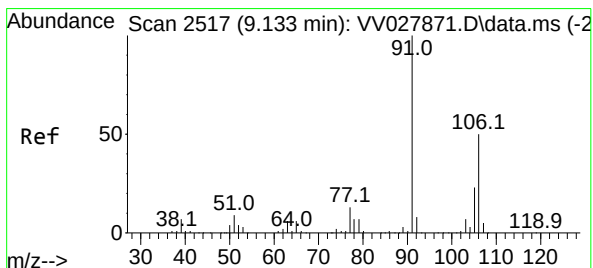
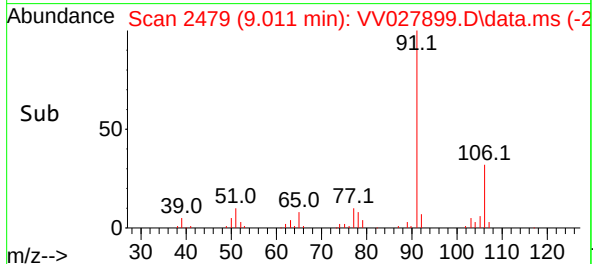
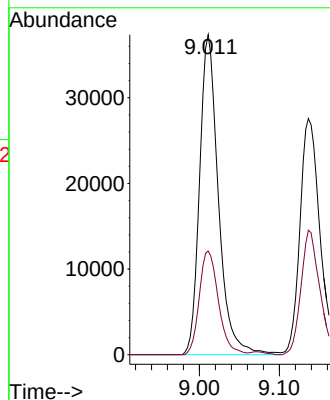
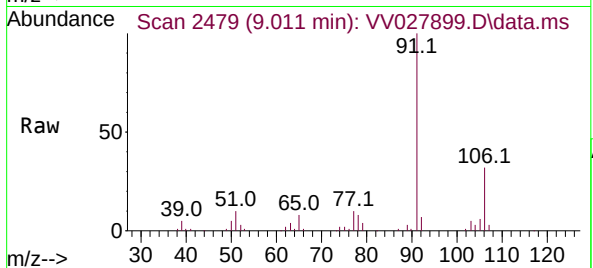
ClientSampleId :

Tgt Ion: 91 Resp: 61232

Ion Ratio Lower Upper

91 100

106 32.4 22.0 40.8



#53

m,p-Xylene

Concen: 1.002 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.006 min

Lab File: VV027899.D

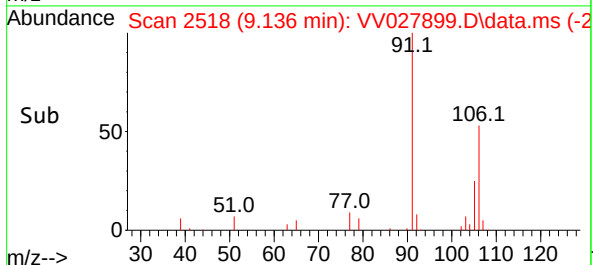
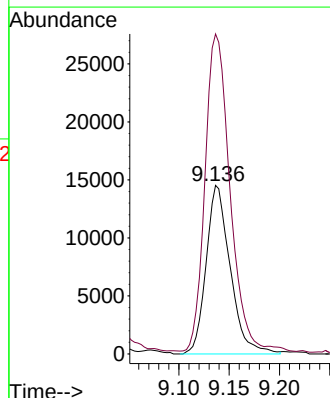
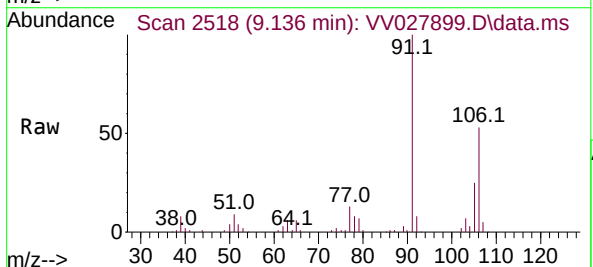
Acq: 17 Sep 2022 14:17

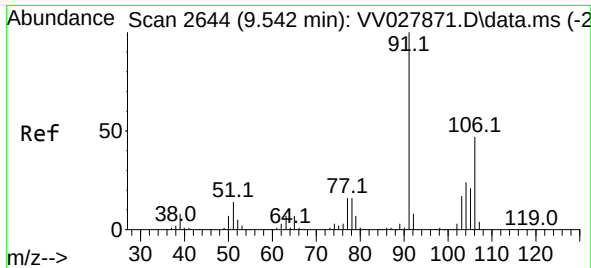
Tgt Ion: 106 Resp: 24213

Ion Ratio Lower Upper

106 100

91 189.8 142.4 264.4

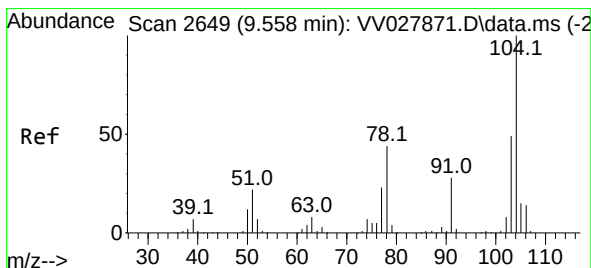
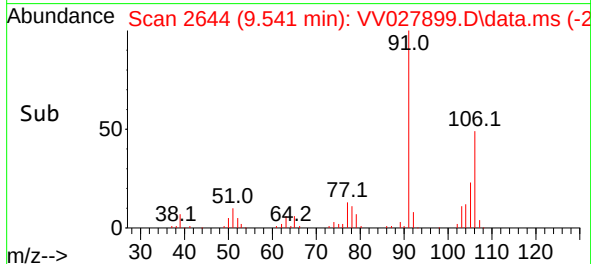
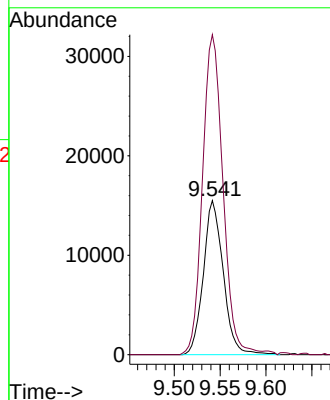
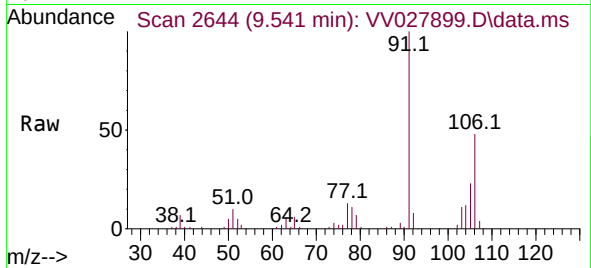




#54
o-Xylene
Concen: 0.996 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

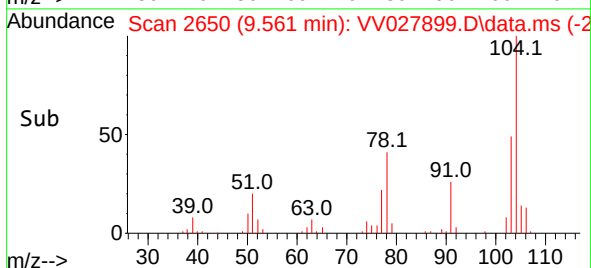
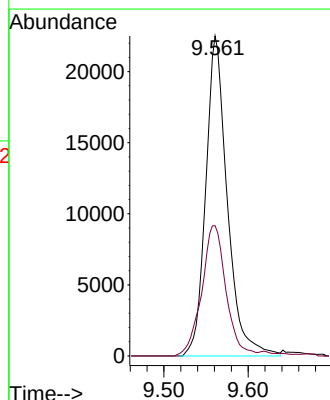
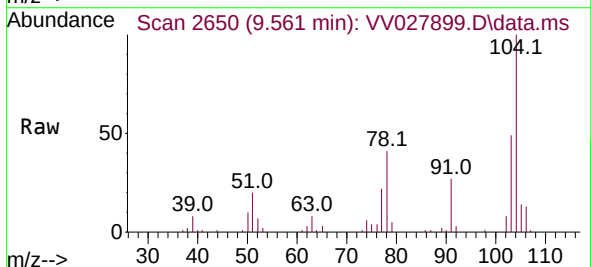
Instrument :
MSVOA_V
ClientSampleId :

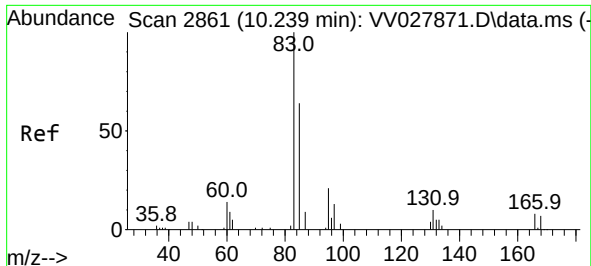
Tgt Ion:106 Resp: 23388
Ion Ratio Lower Upper
106 100
91 207.6 147.5 273.9



#55
Styrene
Concen: 0.986 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion:104 Resp: 39991
Ion Ratio Lower Upper
104 100
78 40.7 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 1.031 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV027899.D

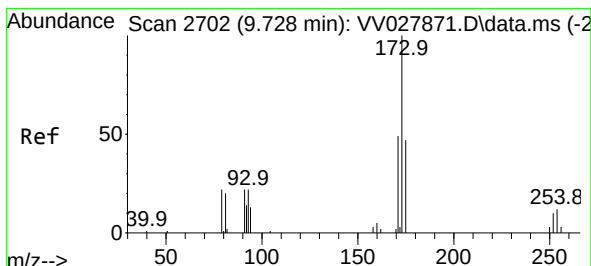
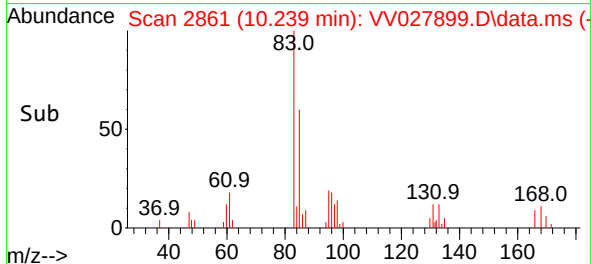
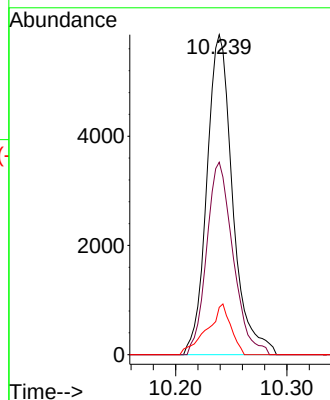
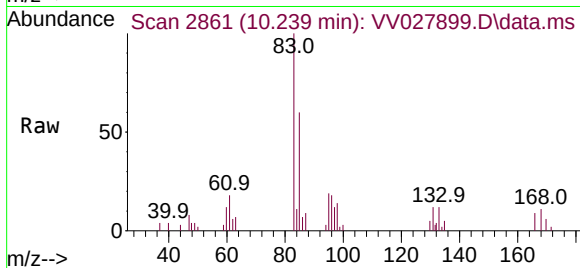
Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9448
Ion Ratio	Lower Upper
83 100	
85 60.2	44.7 83.1
131 14.8	8.5 12.7#



#59

Bromoform

Concen: 1.155 ug/L

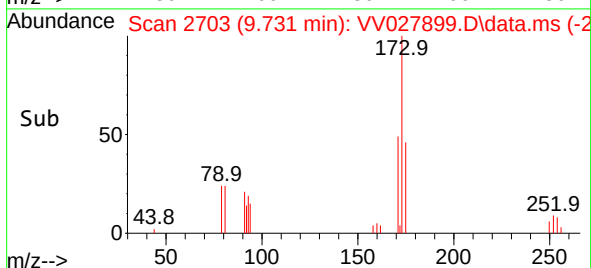
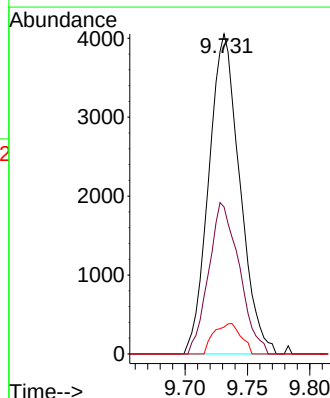
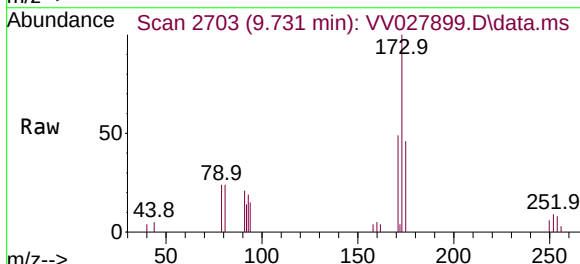
RT: 9.731 min Scan# 2703

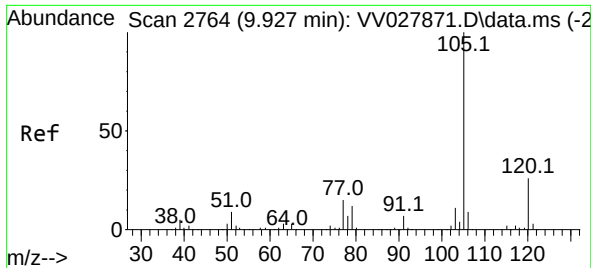
Delta R.T. -0.003 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Tgt Ion: 173	Resp: 7029
Ion Ratio	Lower Upper
173 100	
175 46.6	38.4 57.6
254 8.3	6.8 10.2

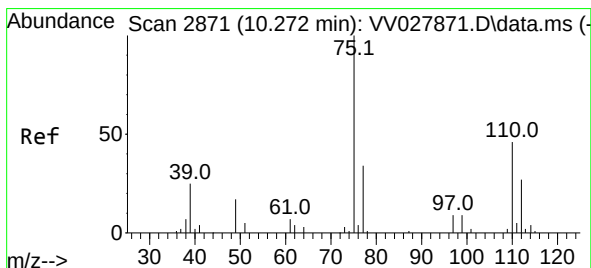
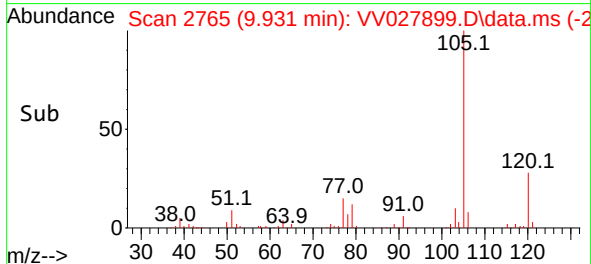
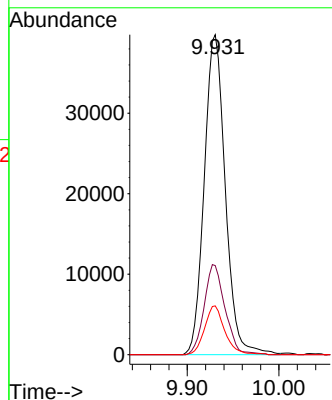
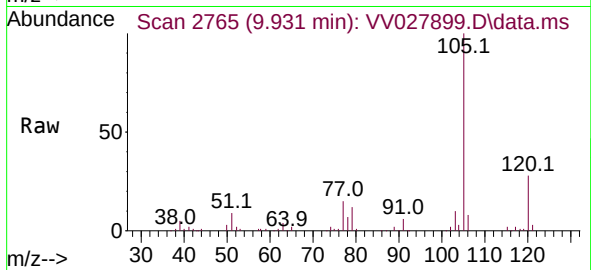




#60
Isopropylbenzene
Concen: 1.059 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

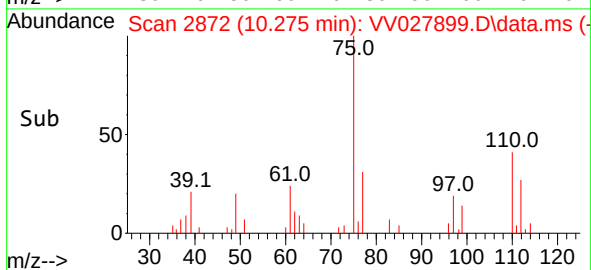
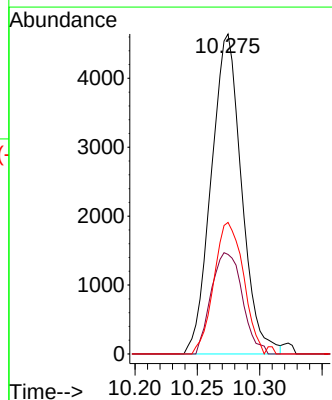
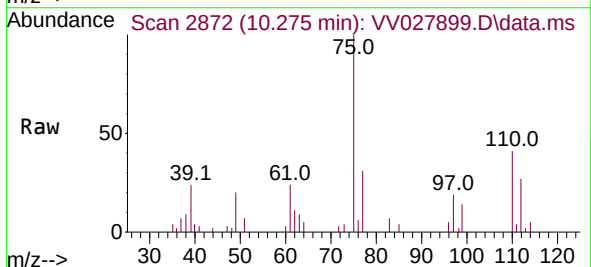
Instrument :
MSVOA_V
ClientSampleId :

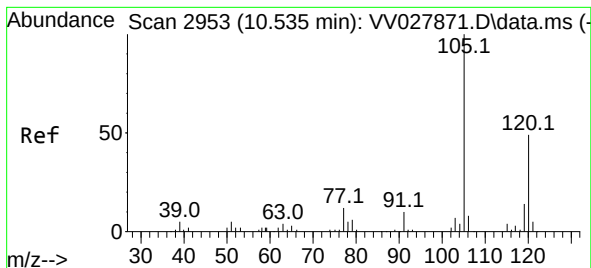
Tgt Ion:105 Resp: 63475
Ion Ratio Lower Upper
105 100
120 27.9 21.3 31.9
77 14.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 1.116 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 75 Resp: 7871
Ion Ratio Lower Upper
75 100
77 32.4 27.6 41.4
110 40.1 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 1.066 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

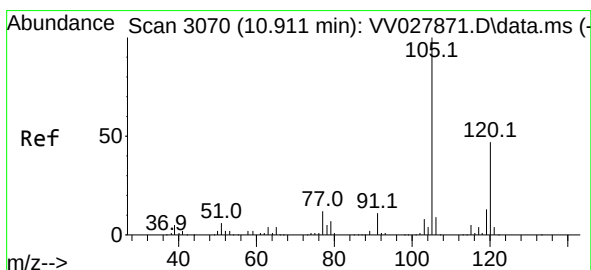
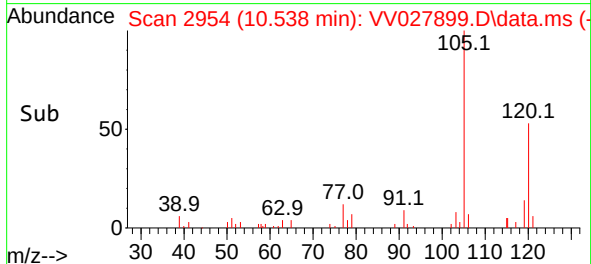
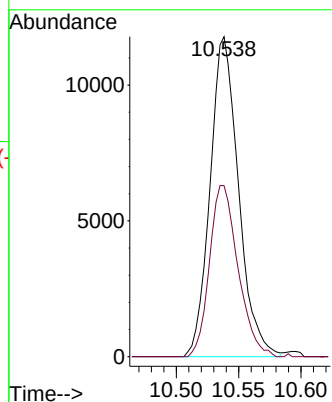
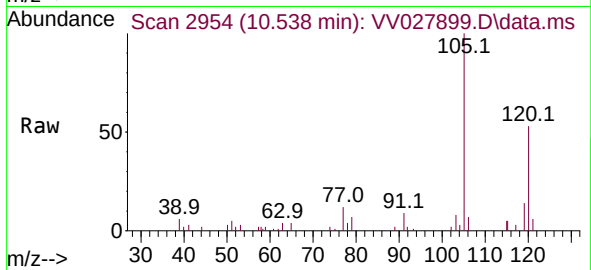
ClientSampleId :

Tgt Ion:105 Resp: 18709

Ion Ratio Lower Upper

105 100

120 53.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 1.004 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027899.D

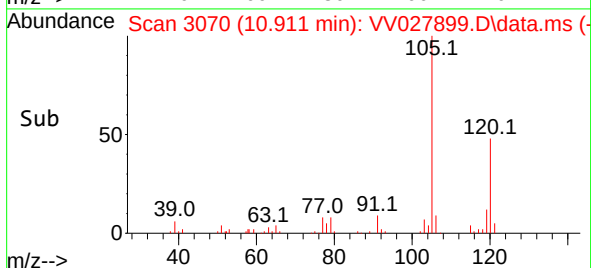
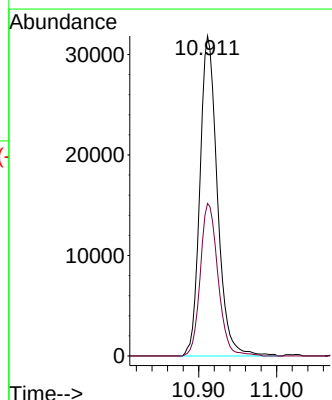
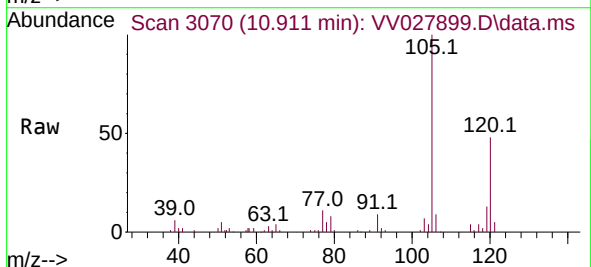
Acq: 17 Sep 2022 14:17

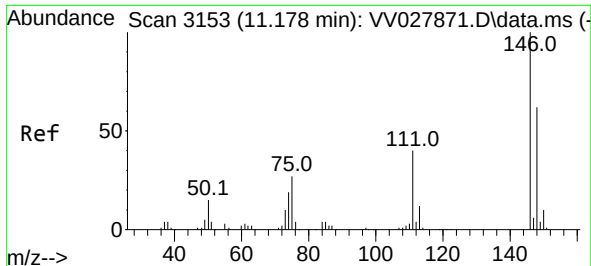
Tgt Ion:105 Resp: 49520

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 1.095 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

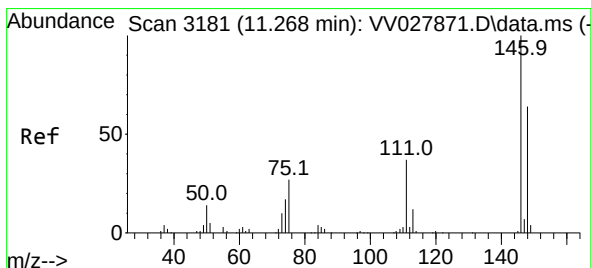
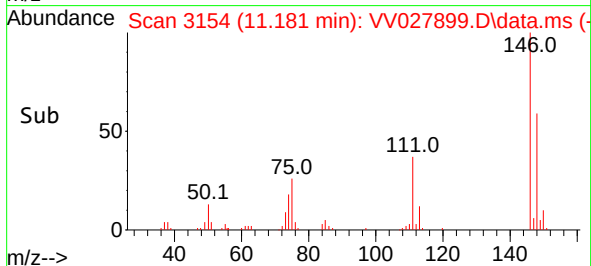
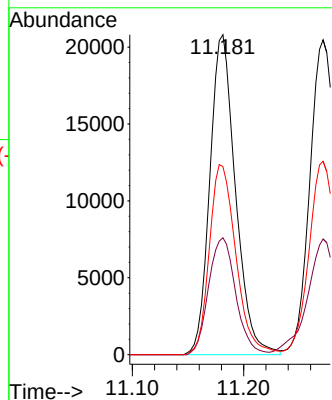
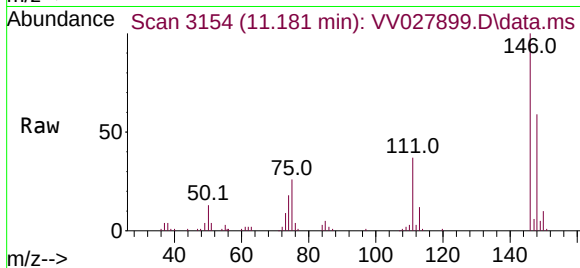
Tgt Ion:146 Resp: 33326

Ion Ratio Lower Upper

146 100

111 36.5 27.9 51.9

148 58.8 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 1.090 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

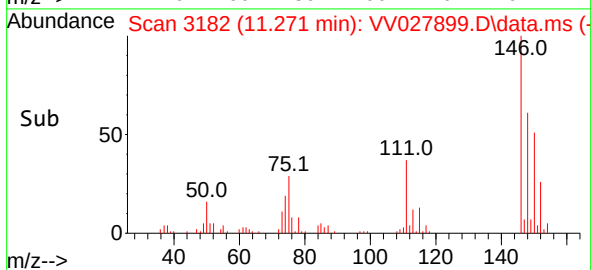
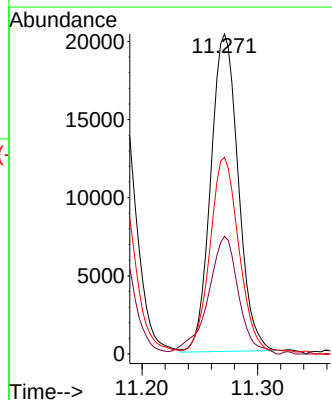
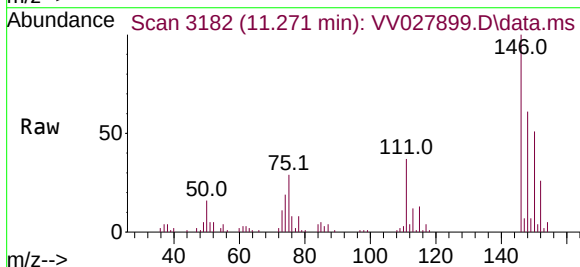
Tgt Ion:146 Resp: 33622

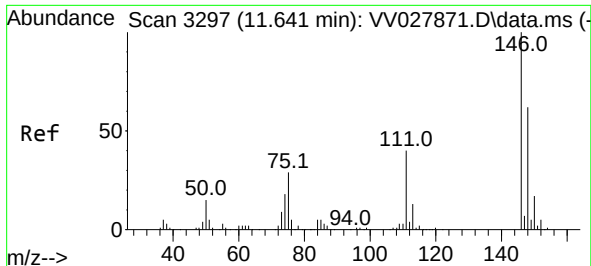
Ion Ratio Lower Upper

146 100

111 36.7 26.5 49.3

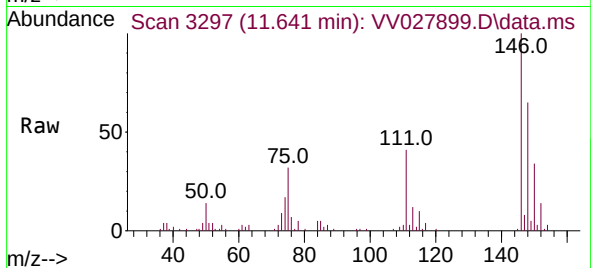
148 61.4 42.8 79.4



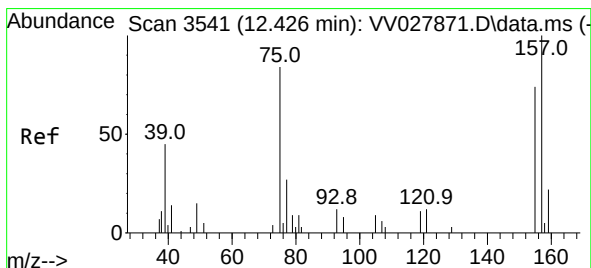
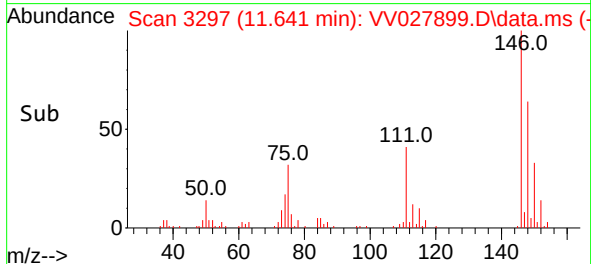
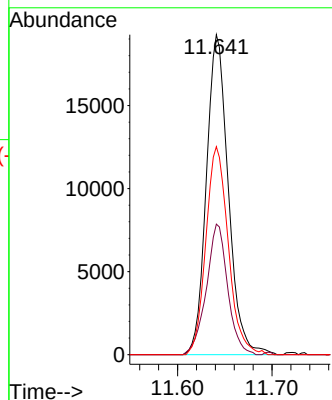


#67
1,2-Dichlorobenzene
Concen: 1.107 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :

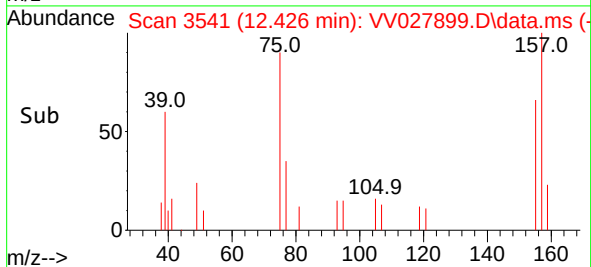
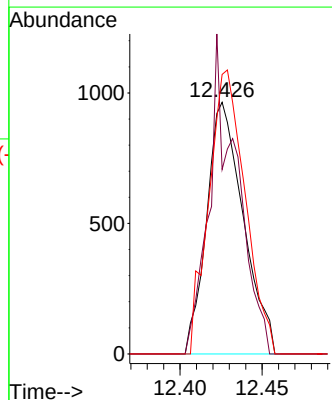
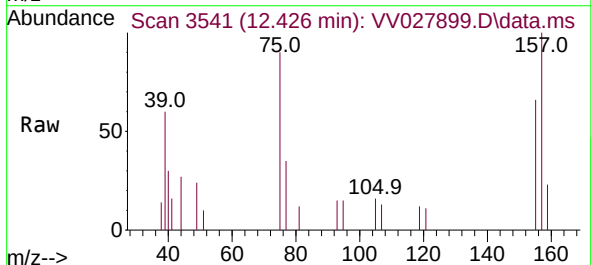


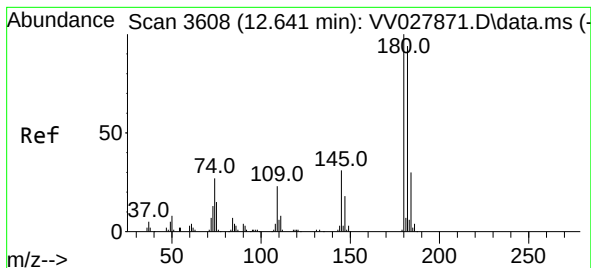
Tgt Ion:146 Resp: 31023
Ion Ratio Lower Upper
146 100
111 40.8 33.1 49.7
148 65.0 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.995 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion: 75 Resp: 1497
Ion Ratio Lower Upper
75 100
155 73.3 71.9 107.9
157 111.1 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 1.105 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 27249

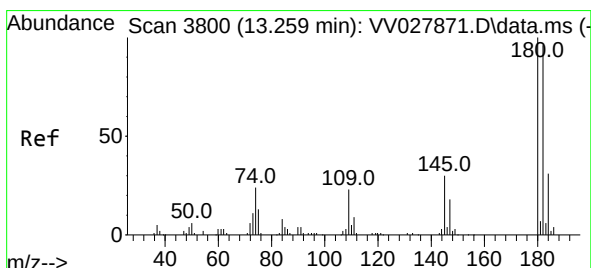
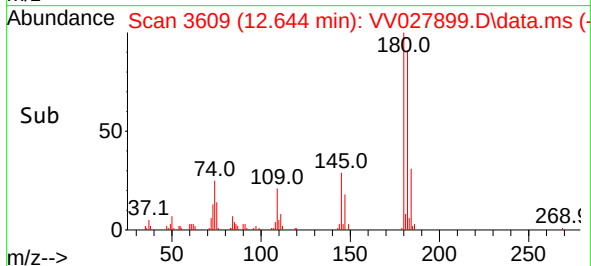
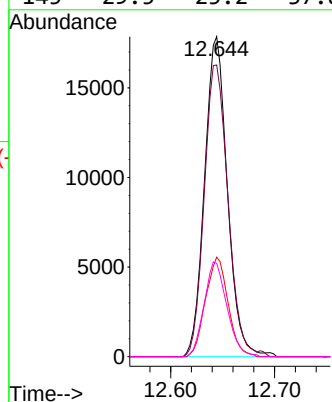
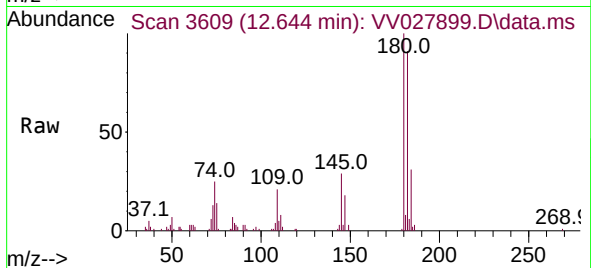
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

184 30.7 23.8 35.6

145 29.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 1.032 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027899.D

Acq: 17 Sep 2022 14:17

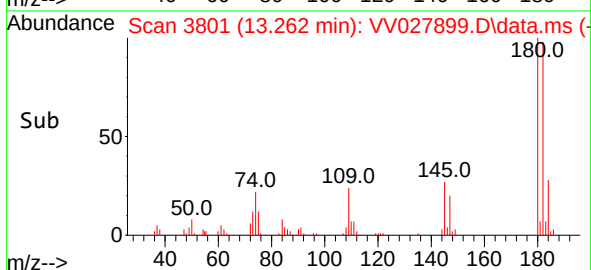
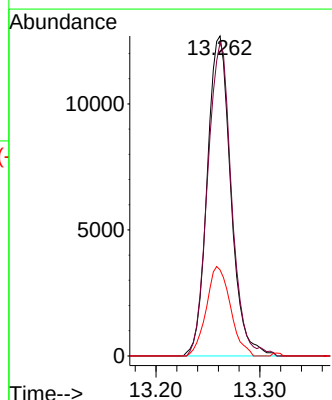
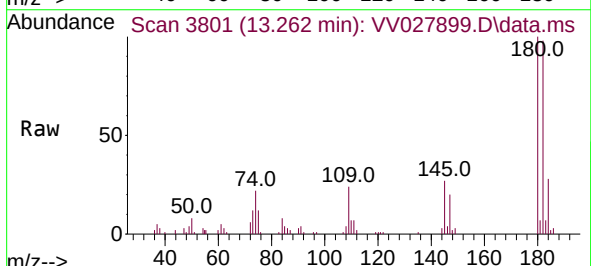
Tgt Ion:180 Resp: 20031

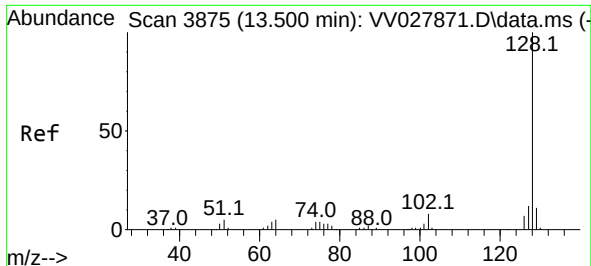
Ion Ratio Lower Upper

180 100

182 99.1 76.6 114.8

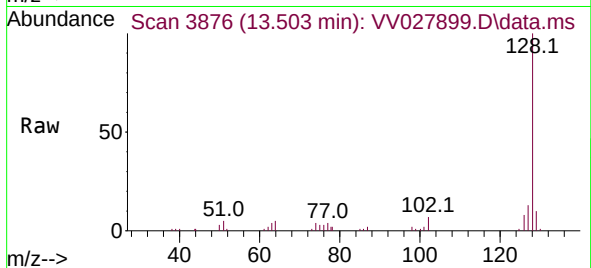
145 28.6 24.6 37.0



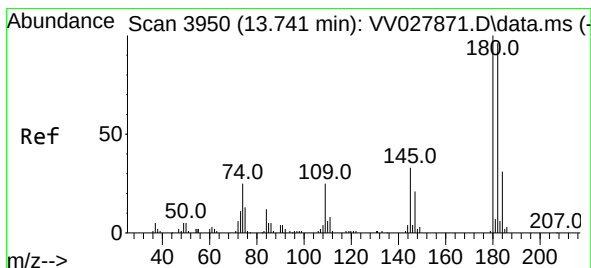
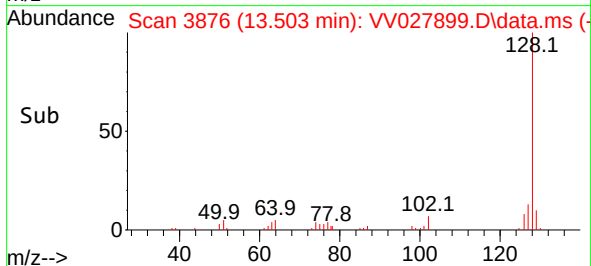
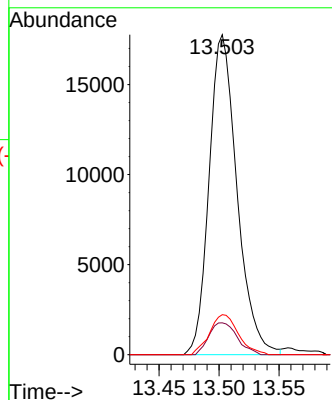


#71
Naphthalene
Concen: 1.066 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	28767
Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.2	13.8
127	12.9	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.985 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027899.D
Acq: 17 Sep 2022 14:17

Tgt Ion:	180	Resp:	16277
Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.5	114.7
145	33.0	26.5	39.7

