

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027933.D
 Acq On : 19 Sep 2022 17:45
 Operator : SY/MD
 Sample : VSTD02044
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020244

Quant Time: Sep 20 01:27:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	125658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	202269	23.367	ug/L	0.00
7) Chloroethane-d5	1.561	69	180284	24.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	320930	18.708	ug/L	0.00
20) 2-Butanone-d5	3.873	46	389860	218.220	ug/L	0.00
24) Chloroform-d	4.339	84	348393	20.643	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	148601	17.133	ug/L	0.00
32) Benzene-d6	5.040	84	682125	19.487	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	213476	21.016	ug/L	0.00
41) Toluene-d8	7.310	98	626528	21.229	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	80075	22.818	ug/L	0.00
46) 2-Hexanone-d5	8.082	63	397230	287.929	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	171035	24.529	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	249917	20.085	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	184395	15.580	ug/L	98
3) Chloromethane	1.233	50	177376	16.184	ug/L	99
5) Vinyl chloride	1.304	62	204308	18.379	ug/L	100
6) Bromomethane	1.513	94	136551	21.302	ug/L	97
8) Chloroethane	1.577	64	139669	21.278	ug/L	96
9) Trichlorofluoromethane	1.744	101	320723	17.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	190944	20.939	ug/L	97
12) 1,1-Dichloroethene	2.108	96	170031	20.143	ug/L	95
13) Acetone	2.172	43	202204	153.416	ug/L	98
14) Carbon disulfide	2.285	76	345183	14.671	ug/L	100
15) Methyl Acetate	2.426	43	54441	16.035	ug/L	95
16) Methylene chloride	2.497	84	177020	16.145	ug/L	94
17) Methyl tert-butyl Ether	2.761	73	355756	18.696	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	166645	19.033	ug/L	94
19) 1,1-Dichloroethane	3.178	63	316442	19.190	ug/L	99
21) 2-Butanone	3.960	43	347529	187.568	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	198059	20.793	ug/L	94
23) Bromochloromethane	4.236	128	85876	21.087	ug/L	97
25) Chloroform	4.365	83	337138	18.769	ug/L	96
27) 1,2-Dichloroethane	5.121	62	169604	16.210	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	280961	15.656	ug/L	99
30) Cyclohexane	4.667	56	229737	15.877	ug/L	99
31) Carbon tetrachloride	4.818	117	249252	16.222	ug/L	96
33) Benzene	5.092	78	711100	17.909	ug/L	100
34) Trichloroethene	5.905	95	181786	18.552	ug/L	96
35) Methylcyclohexane	6.124	83	276724	18.619	ug/L	100
37) 1,2-Dichloropropane	6.165	63	187967	19.844	ug/L	99
38) Bromodichloromethane	6.503	83	241046	19.252	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	266439	21.683	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	891309	205.697	ug/L	98
42) Toluene	7.384	91	795641	20.407	ug/L	96
44) trans-1,3-Dichloropropene	7.645	75	218966	21.308	ug/L	96

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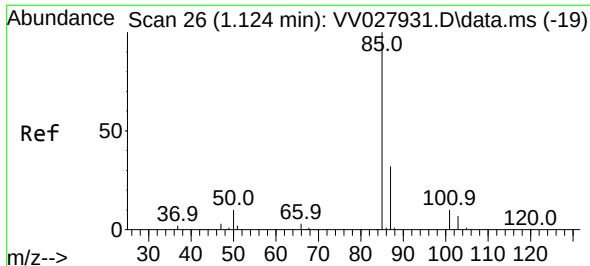
Quant Time: Sep 20 01:27:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	136249	21.443	ug/L	97
47) Tetrachloroethene	7.973	164	155294	19.079	ug/L	94
48) 2-Hexanone	8.133	43	618185	199.510	ug/L	98
49) Dibromochloromethane	8.243	129	173109	21.481	ug/L	98
50) 1,2-Dibromoethane	8.349	107	122744	21.247	ug/L	93
51) Chlorobenzene	8.876	112	533634	20.792	ug/L	99
52) Ethylbenzene	9.008	91	874448	21.446	ug/L	99
53) m,p-Xylene	9.133	106	346779	21.643	ug/L	98
54) o-Xylene	9.542	106	346253	22.587	ug/L	97
55) Styrene	9.558	104	605800	22.768	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	168622	23.130	ug/L	96
59) Bromoform	9.728	173	97148	20.859	ug/L	98
60) Isopropylbenzene	9.927	105	930326	20.101	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	110410	18.447	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	255575	19.679	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	775177	20.786	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	461772	19.298	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	462316	19.161	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	423677	19.424	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	23559	18.139	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.644	180	367738	19.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	308023	20.779	ug/L	99
71) Naphthalene	13.500	128	495465	21.050	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	274562	20.740	ug/L	99

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

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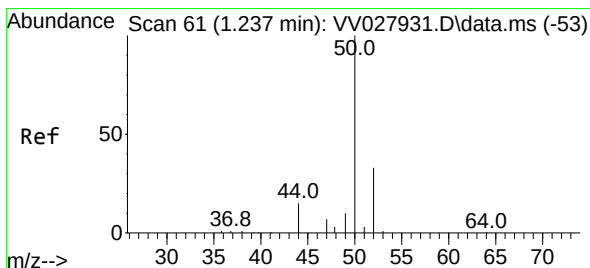
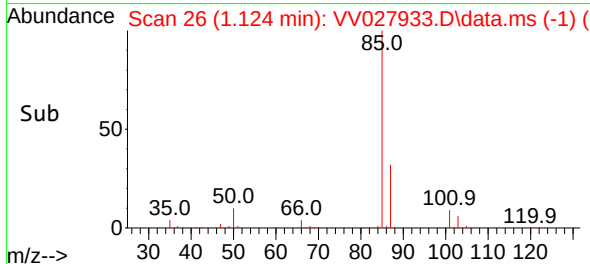
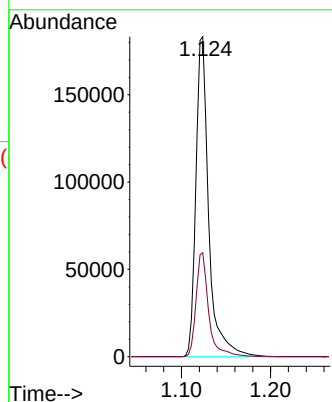
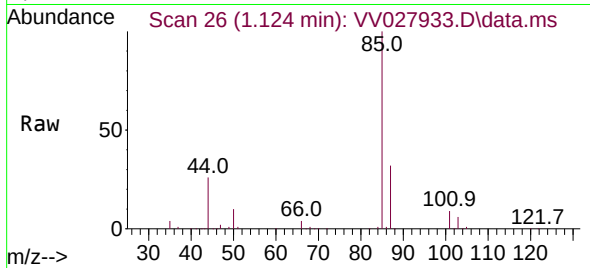




#2
 Dichlorodifluoromethane
 Concen: 15.580 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

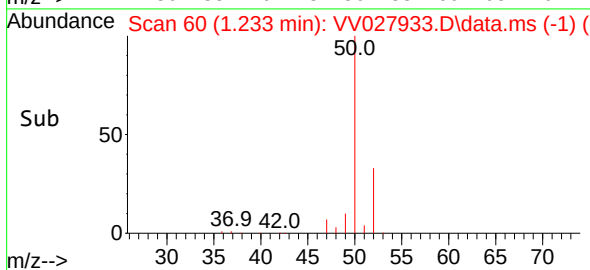
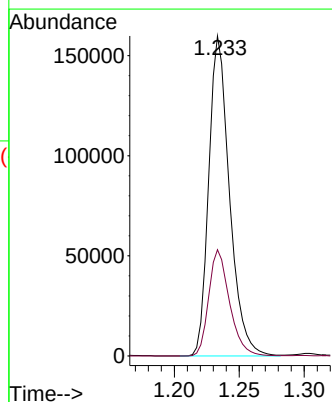
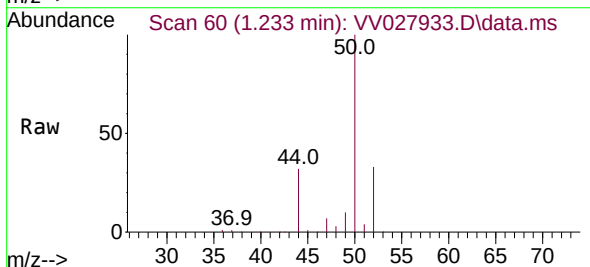
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020244

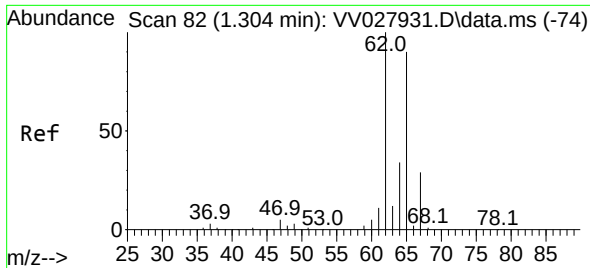
Tgt Ion: 85 Resp: 184395
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.5 39.7



#3
 Chloromethane
 Concen: 16.184 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

Tgt Ion: 50 Resp: 177376
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

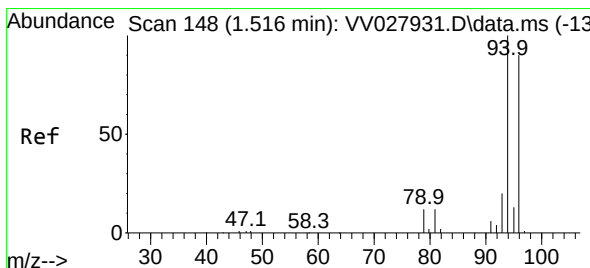
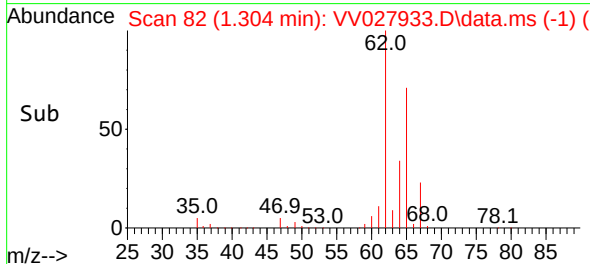
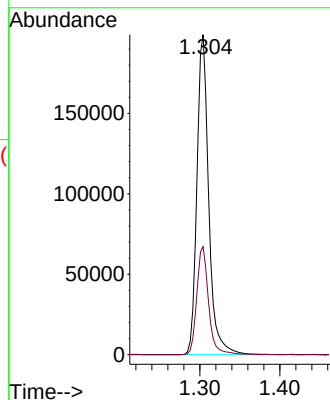
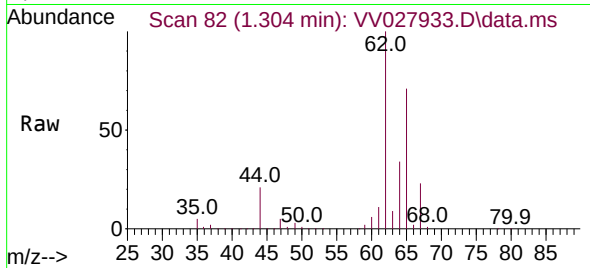




#5
 Vinyl chloride
 Concen: 18.379 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

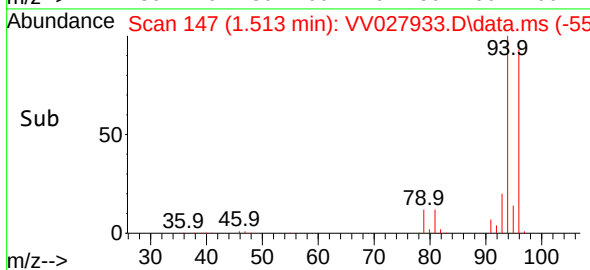
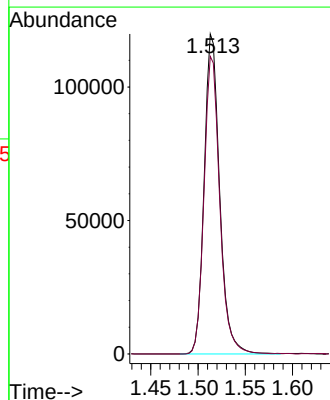
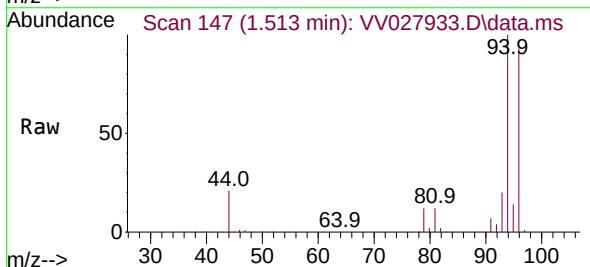
Instrument :
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 ClientSampleId :
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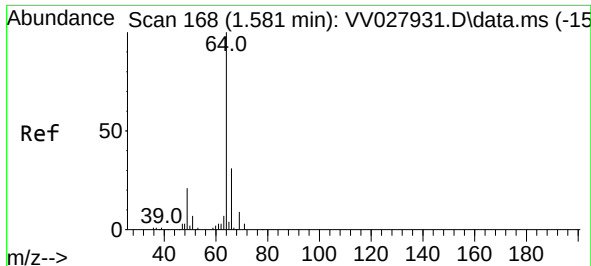
Tgt Ion: 62 Resp: 204308
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.6



#6
 Bromomethane
 Concen: 21.302 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

Tgt Ion: 94 Resp: 136551
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.1 117.3

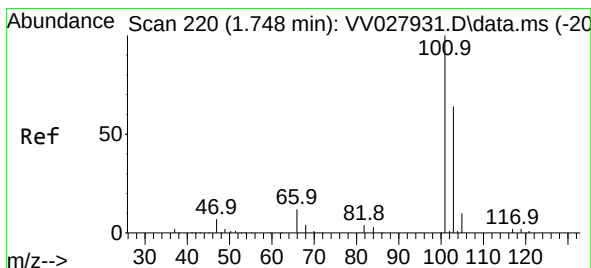
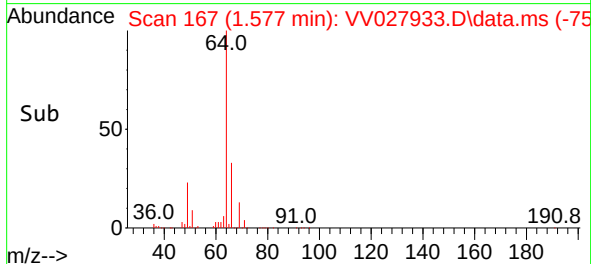
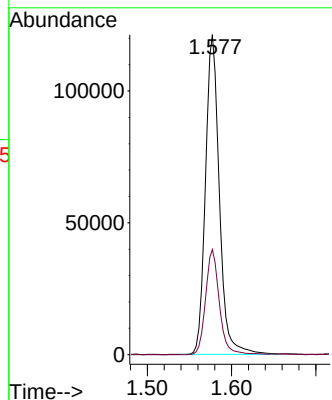
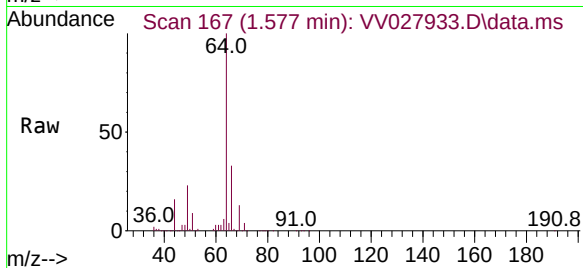




#8
Chloroethane
Concen: 21.278 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

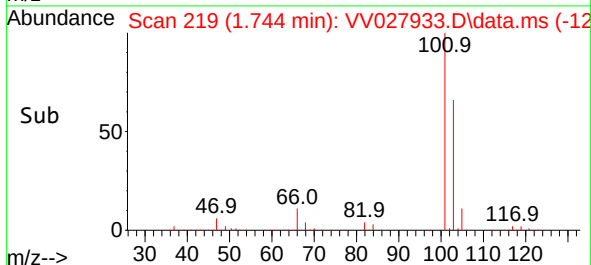
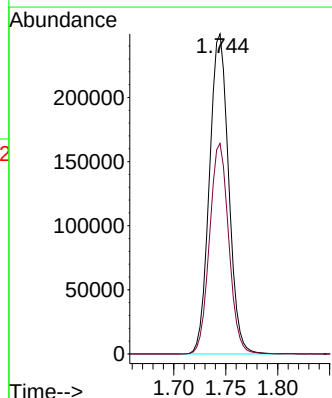
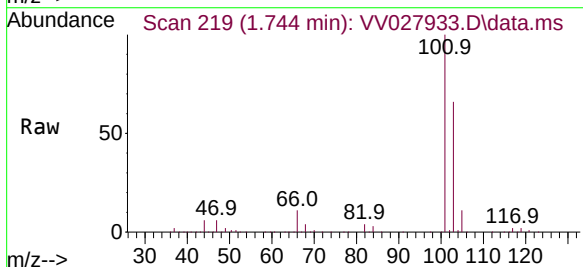
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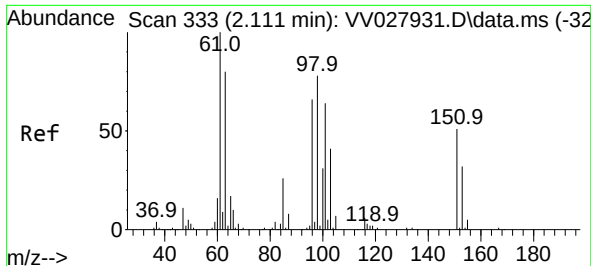
Tgt Ion: 64 Resp: 139669
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 17.947 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion:101 Resp: 320723
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5





#10

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

Concen: 20.939 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

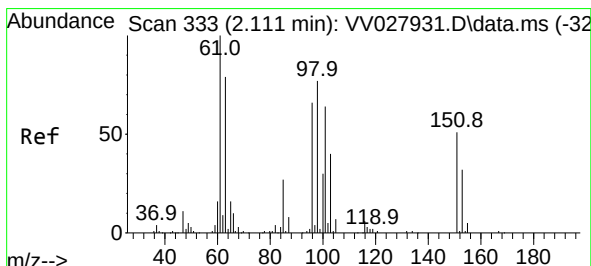
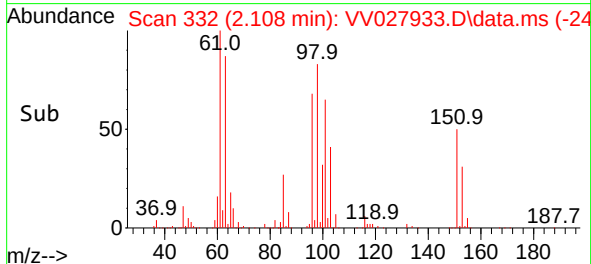
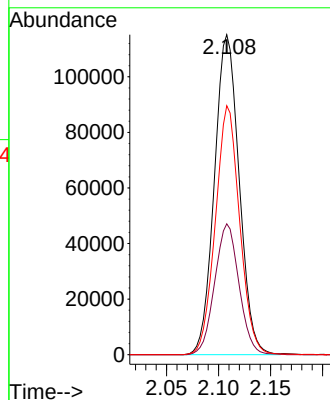
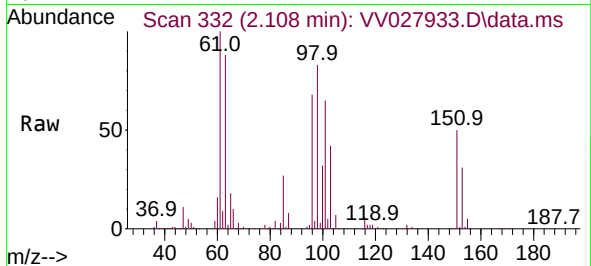
Tgt Ion:101 Resp: 190944

Ion Ratio Lower Upper

101 100

85 40.2 33.6 50.4

151 76.3 62.9 94.3



#12

1,1-Dichloroethene

Concen: 20.143 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

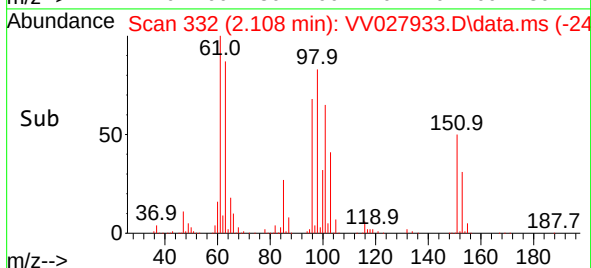
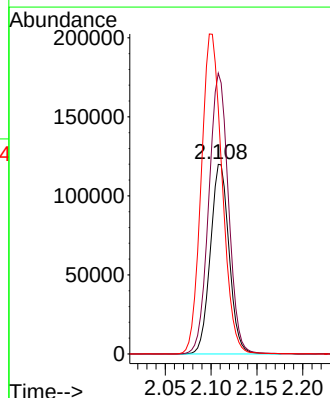
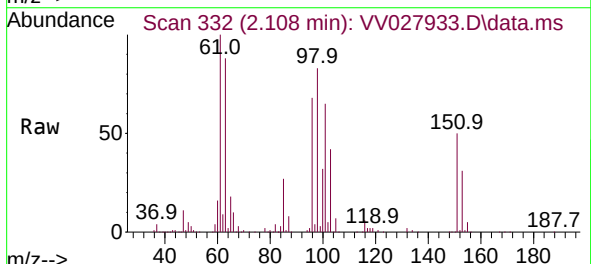
Tgt Ion: 96 Resp: 170031

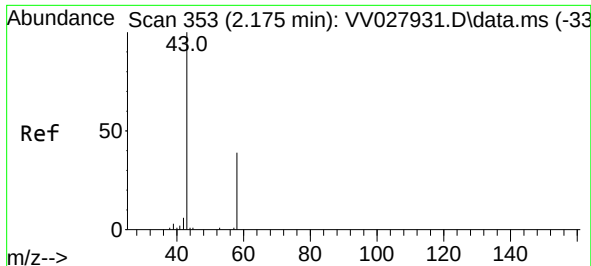
Ion Ratio Lower Upper

96 100

61 148.1 106.2 197.2

63 129.6 85.0 158.0





#13

Acetone

Concen: 153.416 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV027933.D

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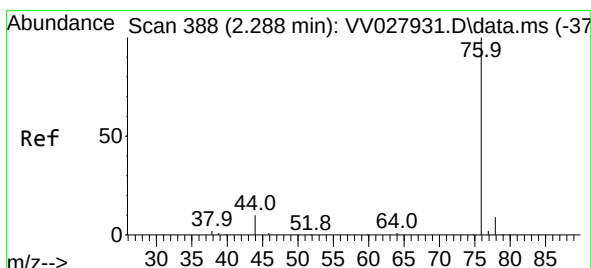
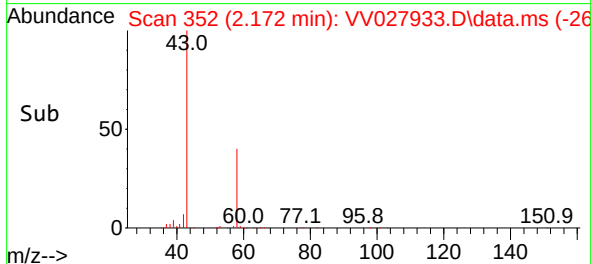
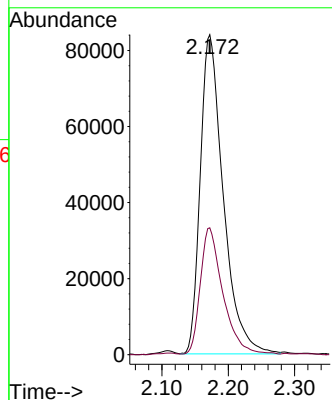
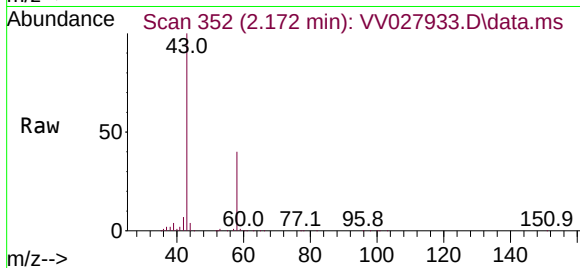
VSTD020244

Tgt Ion: 43 Resp: 202204

Ion Ratio Lower Upper

43 100

58 38.5 0.0 79.8



#14

Carbon disulfide

Concen: 14.671 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027933.D

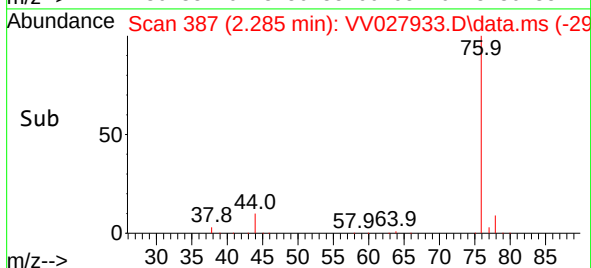
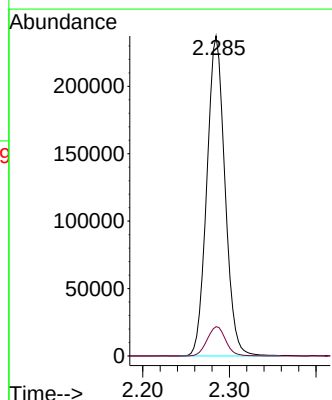
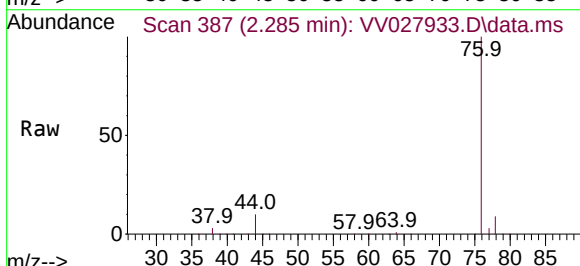
Acq: 19 Sep 2022 17:45

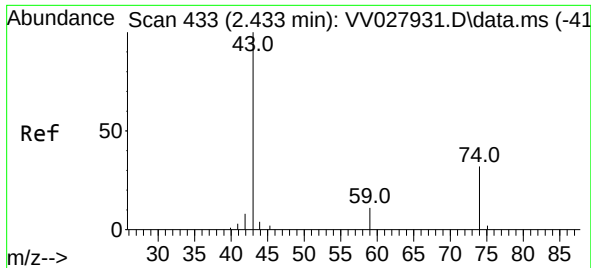
Tgt Ion: 76 Resp: 345183

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

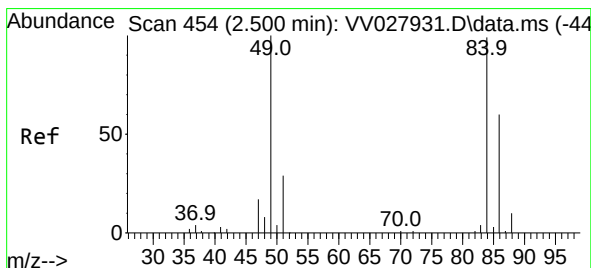
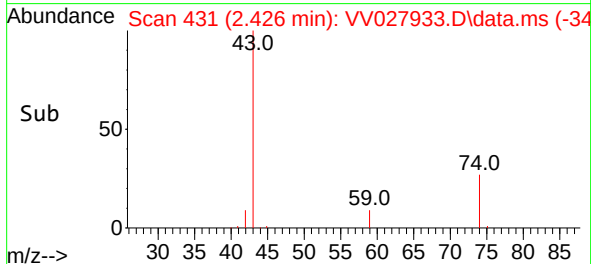
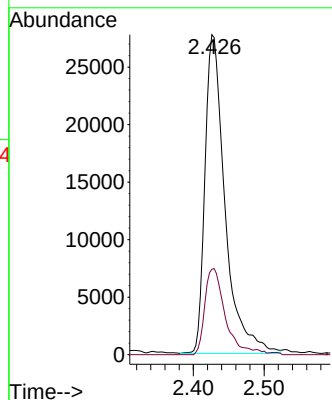
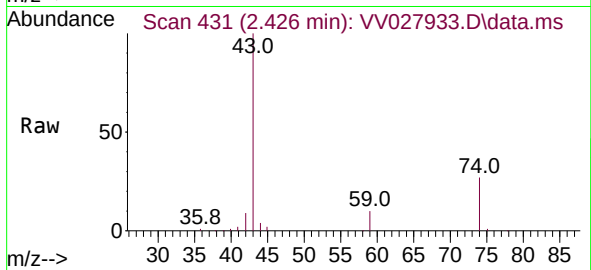




#15
Methyl Acetate
Concen: 16.035 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

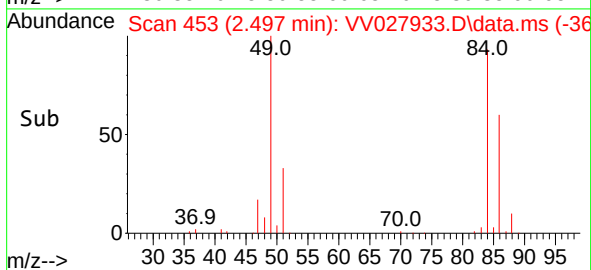
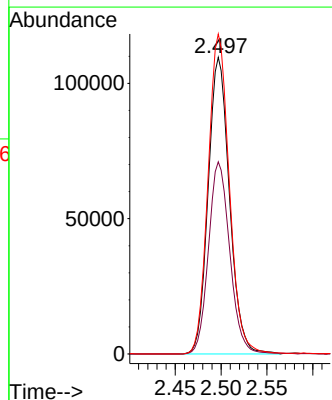
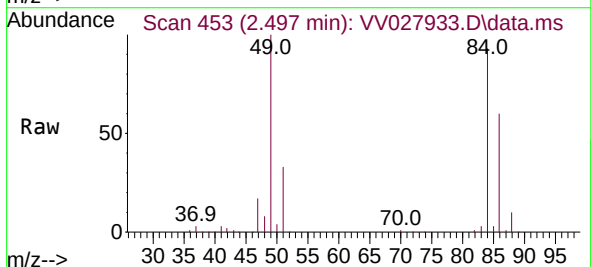
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

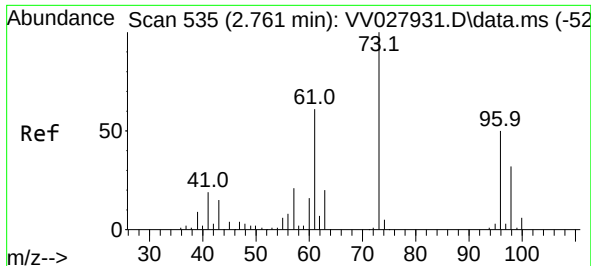
Tgt Ion: 43 Resp: 54441
Ion Ratio Lower Upper
43 100
74 27.7 24.2 36.4



#16
Methylene chloride
Concen: 16.145 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion: 84 Resp: 177020
Ion Ratio Lower Upper
84 100
86 64.8 42.4 78.6
49 107.9 70.7 131.3





#17

Methyl tert-butyl Ether

Concen: 18.696 ug/L

RT: 2.761 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

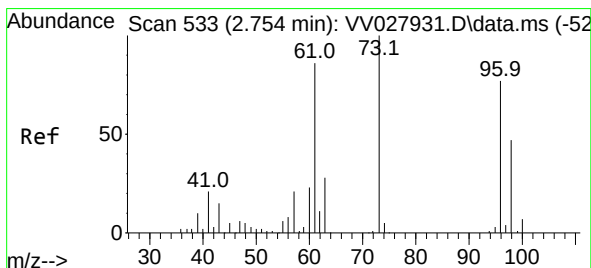
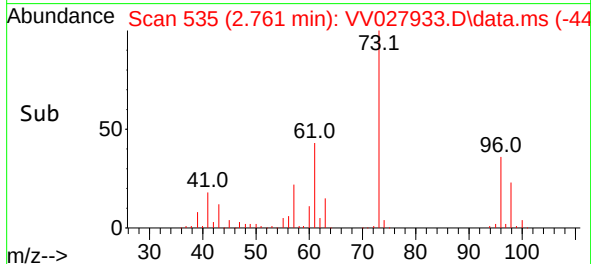
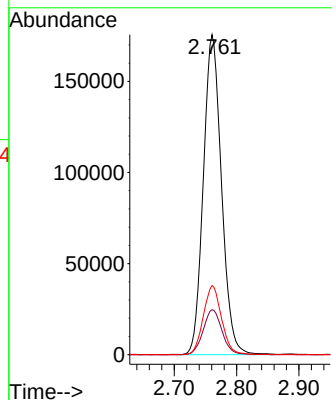
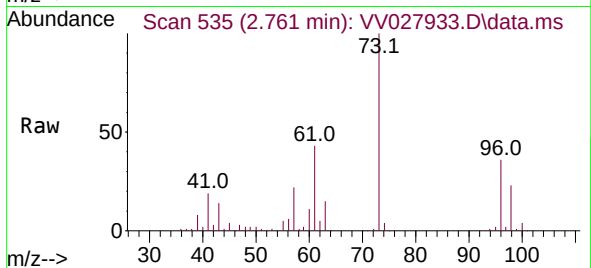
MSVOA_V

ClientSampleId :

VSTD020244

Tgt Ion: 73 Resp: 355756

Ion	Ratio	Lower	Upper
73	100		
43	14.4	12.4	18.6
57	21.7	16.6	25.0



#18

trans-1,2-Dichloroethene

Concen: 19.033 ug/L

RT: 2.751 min Scan# 532

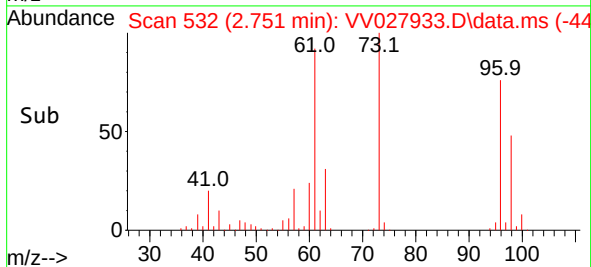
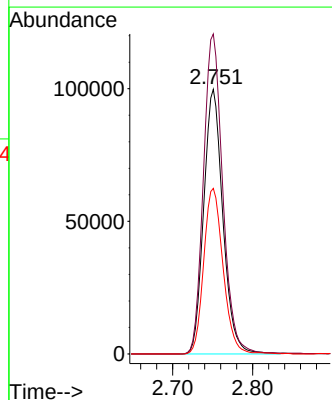
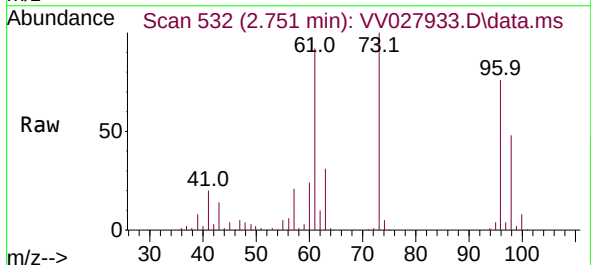
Delta R.T. -0.003 min

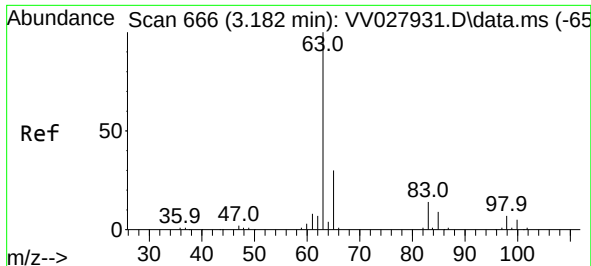
Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Tgt Ion: 96 Resp: 166645

Ion	Ratio	Lower	Upper
96	100		
61	120.9	78.3	145.5
98	62.6	42.4	78.6





#19

1,1-Dichloroethane

Concen: 19.190 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

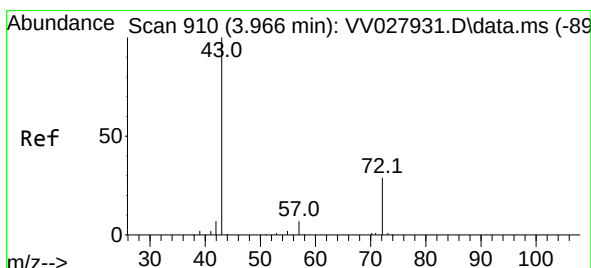
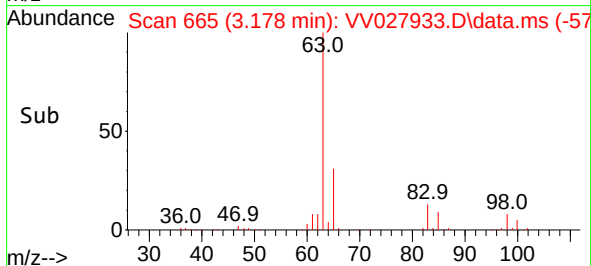
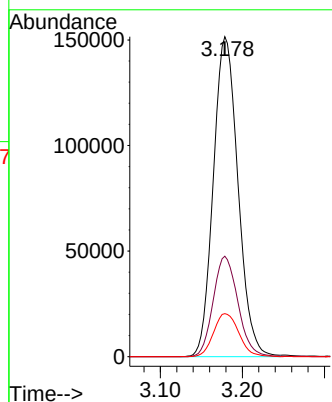
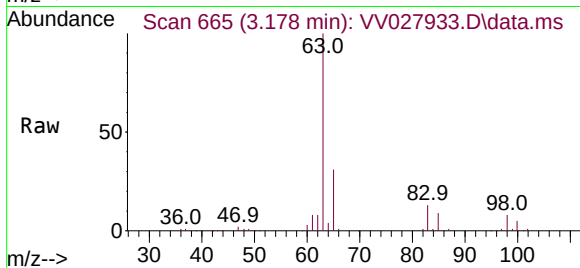
Tgt Ion: 63 Resp: 316442

Ion Ratio Lower Upper

63 100

65 31.4 21.3 39.6

83 13.4 9.7 18.1



#21

2-Butanone

Concen: 187.568 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.007 min

Lab File: VV027933.D

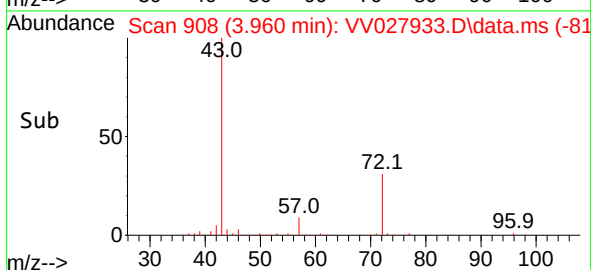
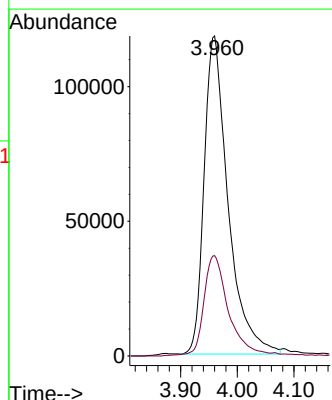
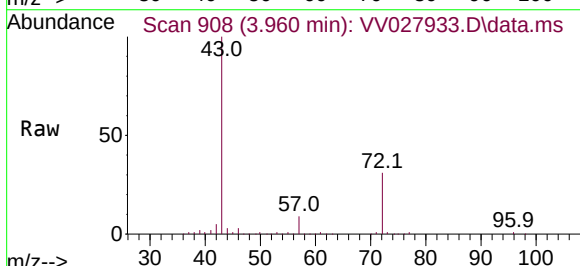
Acq: 19 Sep 2022 17:45

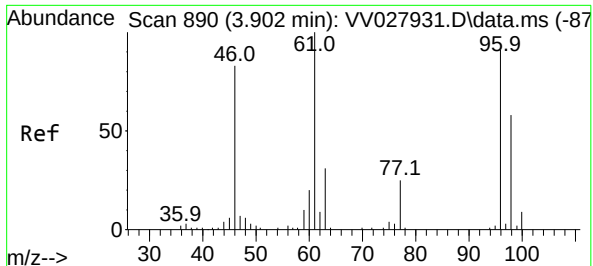
Tgt Ion: 43 Resp: 347529

Ion Ratio Lower Upper

43 100

72 32.3 14.9 44.9





#22

cis-1,2-Dichloroethene

Concen: 20.793 ug/L

RT: 3.899 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

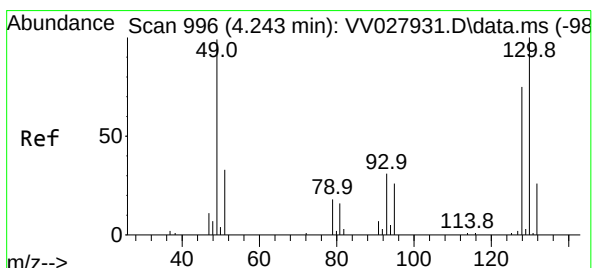
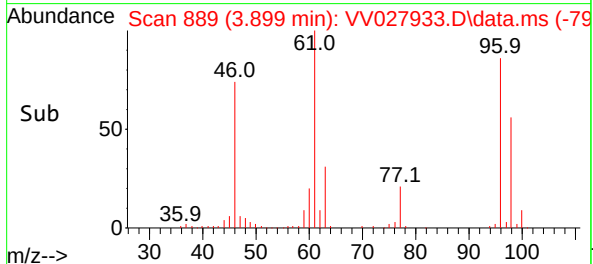
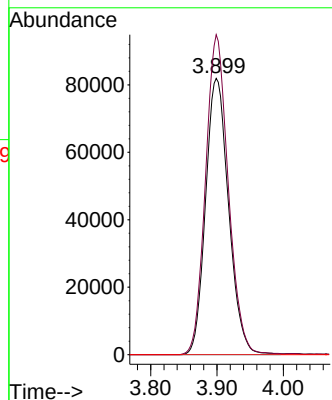
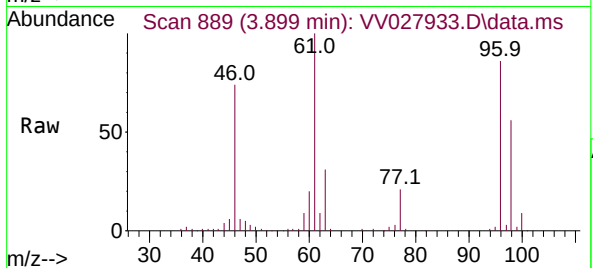
Tgt Ion: 96 Resp: 198059

Ion Ratio Lower Upper

96 100

61 115.8 76.6 142.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 21.087 ug/L

RT: 4.236 min Scan# 994

Delta R.T. -0.007 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Tgt Ion: 128 Resp: 85876

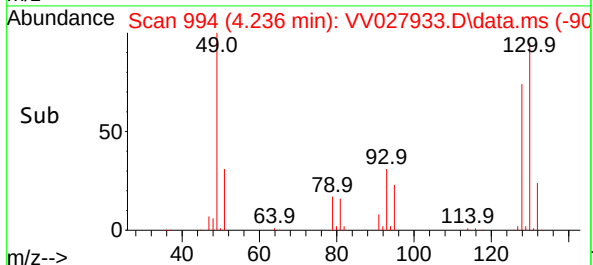
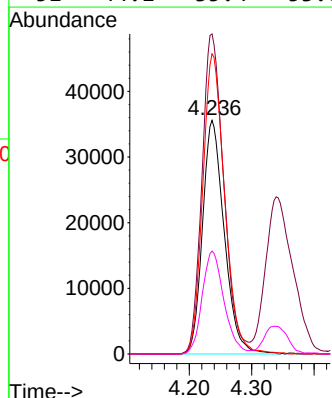
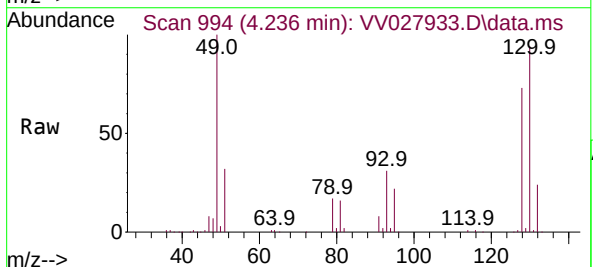
Ion Ratio Lower Upper

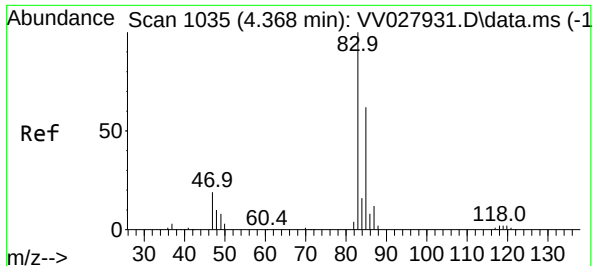
128 100

49 137.0 93.4 173.6

130 128.5 93.9 174.5

51 44.1 35.4 53.0





#25

Chloroform

Concen: 18.769 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

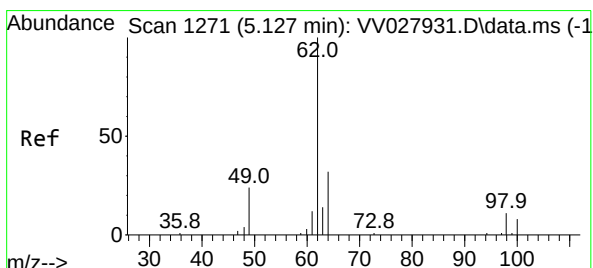
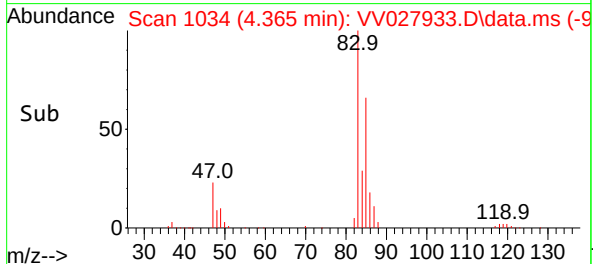
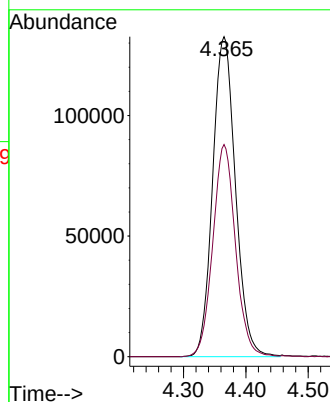
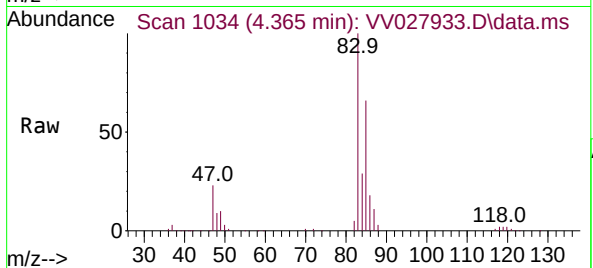
VSTD020244

Tgt Ion: 83 Resp: 337138

Ion Ratio Lower Upper

83 100

85 66.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 16.210 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.007 min

Lab File: VV027933.D

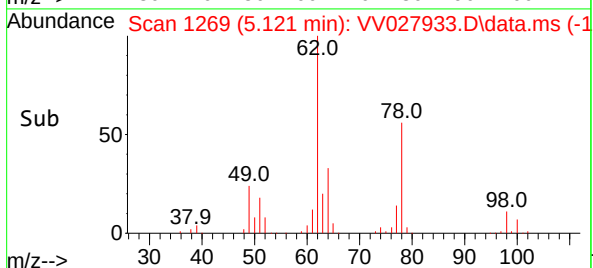
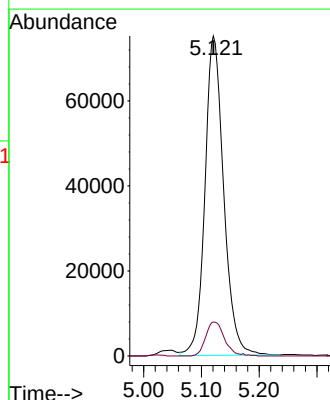
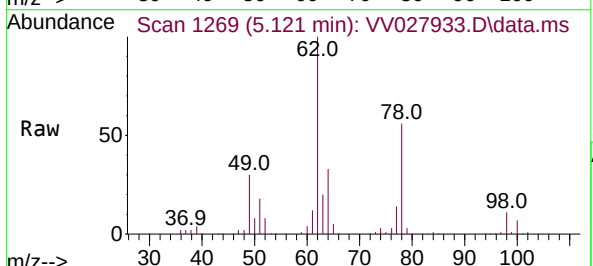
Acq: 19 Sep 2022 17:45

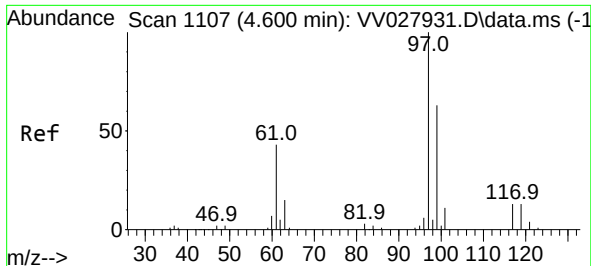
Tgt Ion: 62 Resp: 169604

Ion Ratio Lower Upper

62 100

98 10.6 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 15.656 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

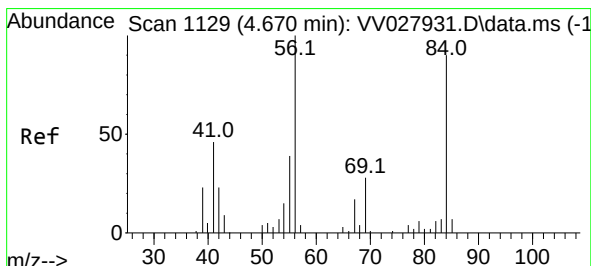
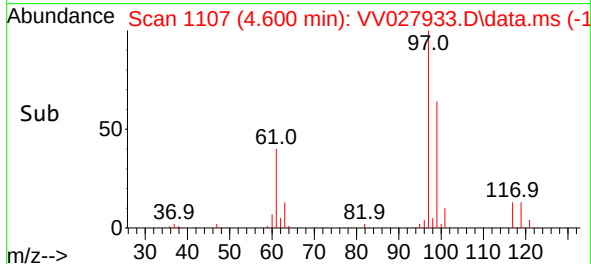
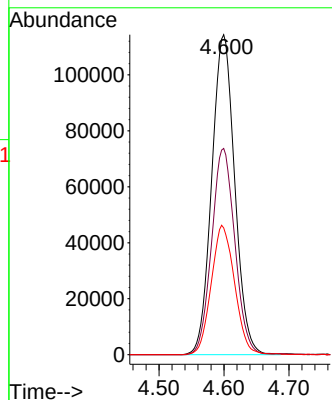
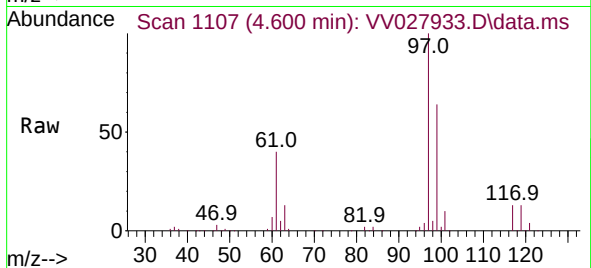
Tgt Ion: 97 Resp: 280961

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 41.0 33.6 50.4



#30

Cyclohexane

Concen: 15.877 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

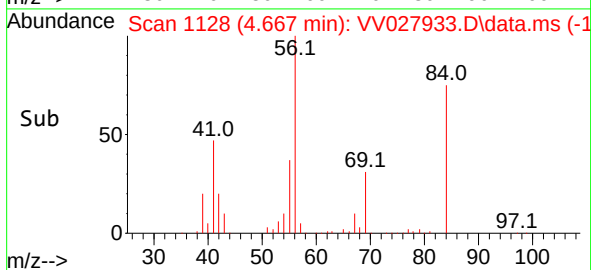
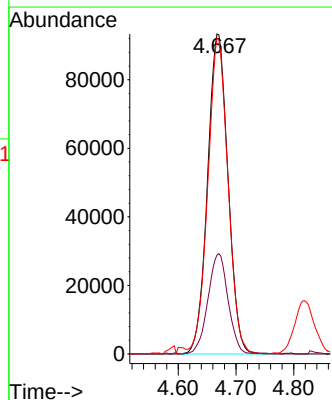
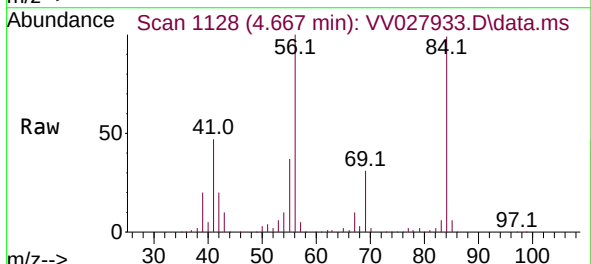
Tgt Ion: 56 Resp: 229737

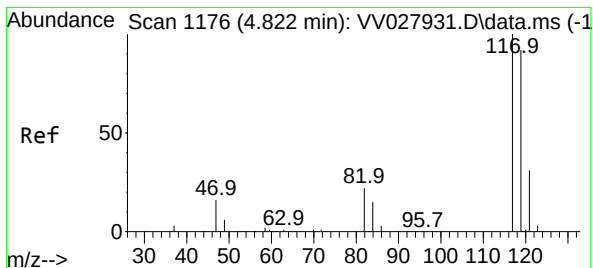
Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 96.7 76.9 115.3





#31

Carbon tetrachloride

Concen: 16.222 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

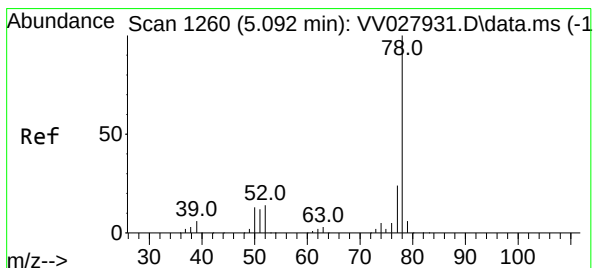
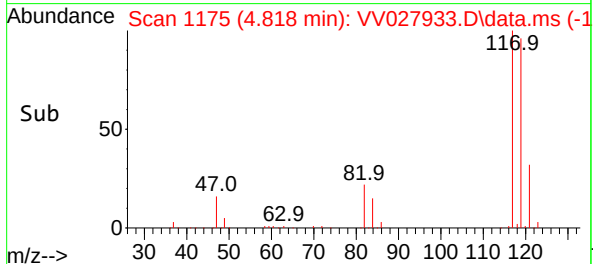
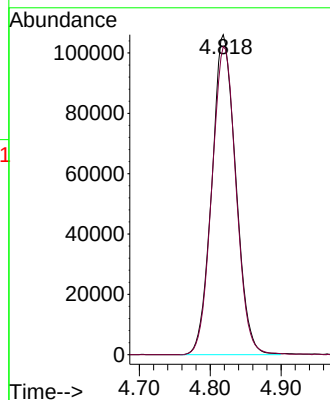
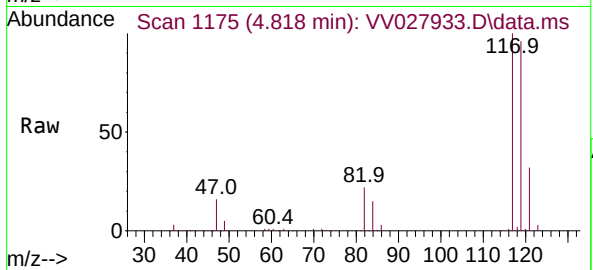
VSTD020244

Tgt Ion:117 Resp: 249252

Ion Ratio Lower Upper

117 100

119 97.1 74.2 111.4



#33

Benzene

Concen: 17.909 ug/L

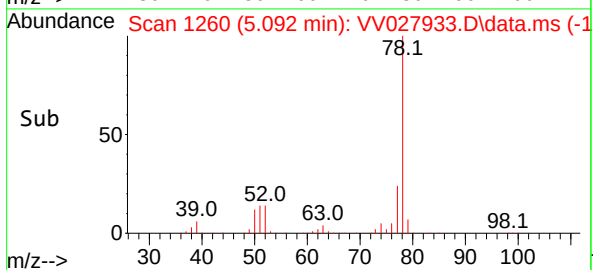
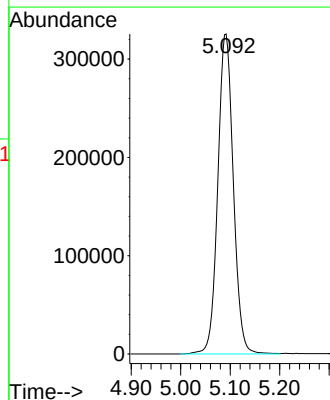
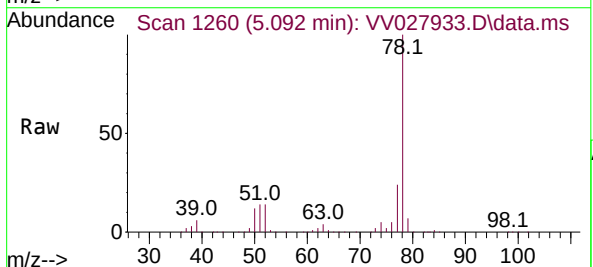
RT: 5.092 min Scan# 1260

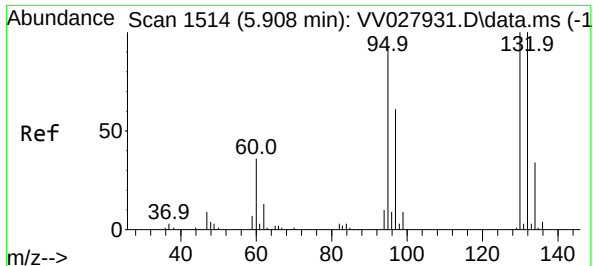
Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

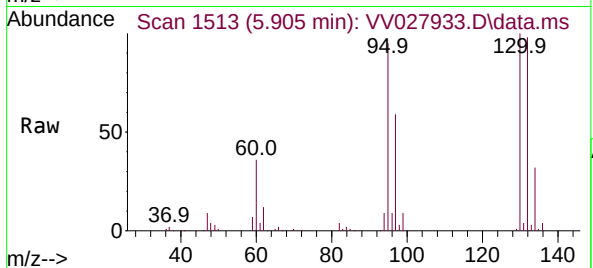
Tgt Ion: 78 Resp: 711100





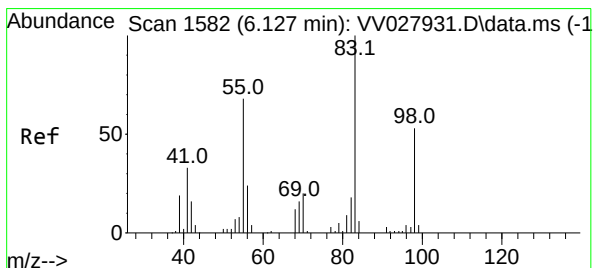
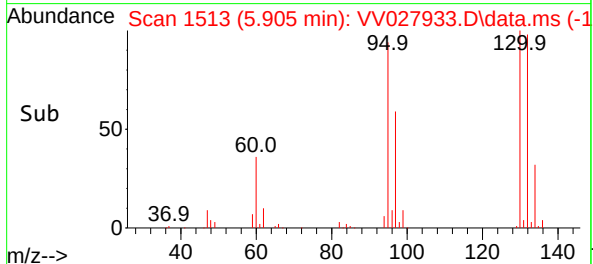
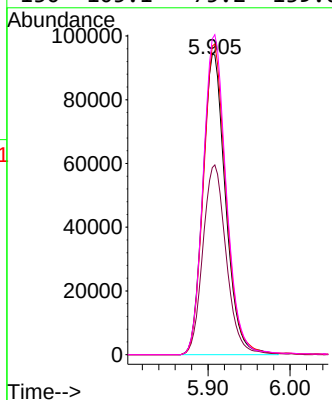
#34
Trichloroethene
Concen: 18.552 ug/L
RT: 5.905 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD020244



Tgt Ion: 95 Resp: 181786

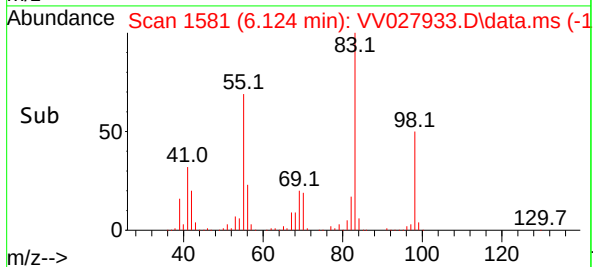
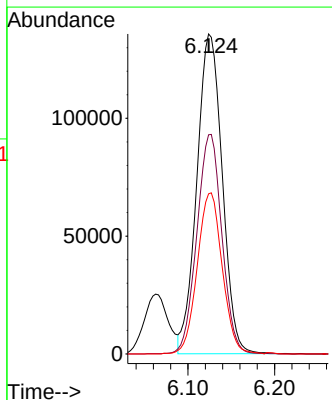
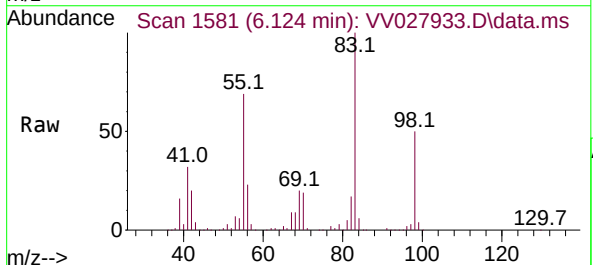
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.1	85.7
132	102.7	75.2	139.6
130	105.1	75.2	139.6

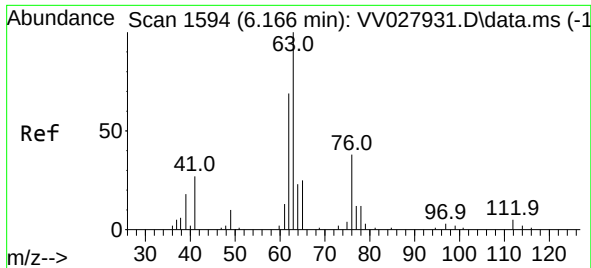


#35
Methylcyclohexane
Concen: 18.619 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion: 83 Resp: 276724

Ion	Ratio	Lower	Upper
83	100		
55	67.8	54.5	81.7
98	49.5	39.6	59.4





#37

1,2-Dichloropropane

Concen: 19.844 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

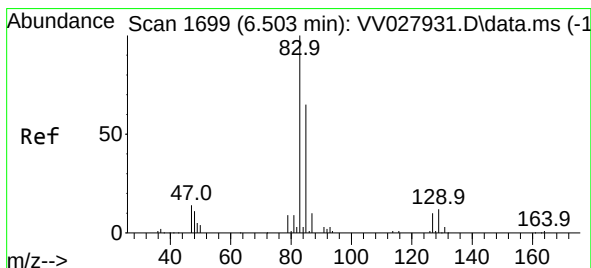
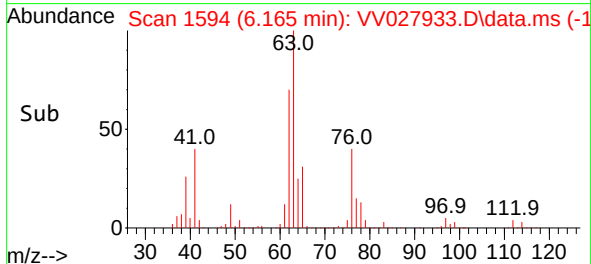
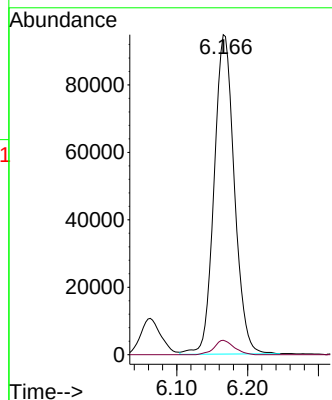
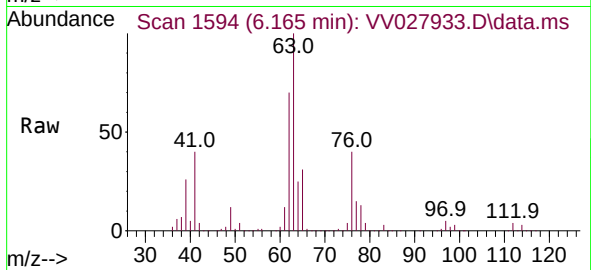
VSTD020244

Tgt Ion: 63 Resp: 187967

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 19.252 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

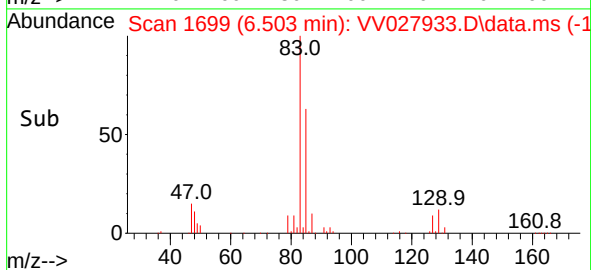
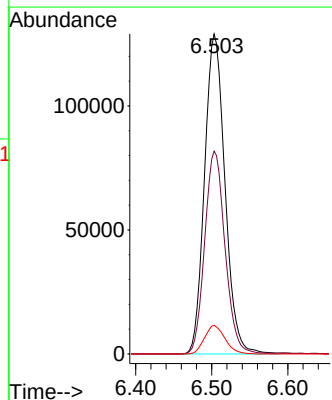
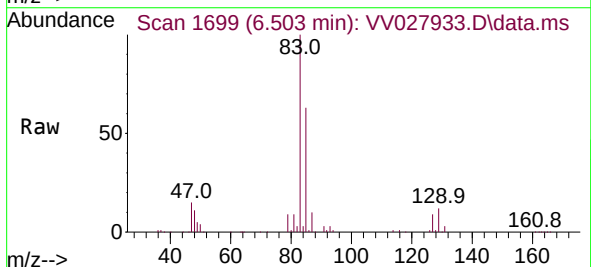
Tgt Ion: 83 Resp: 241046

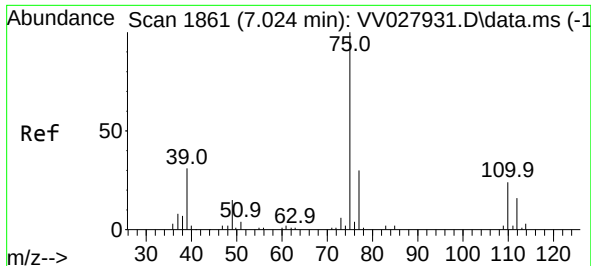
Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1

127 9.0 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 21.683 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

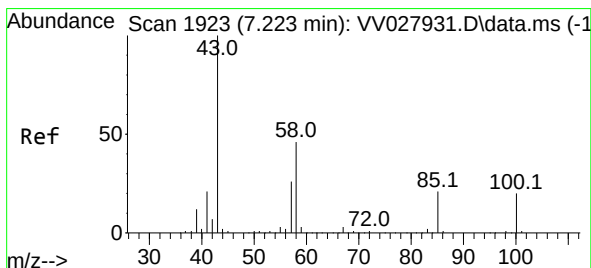
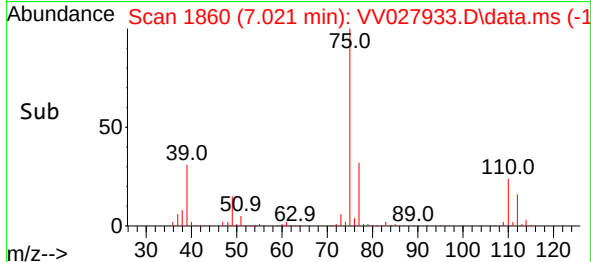
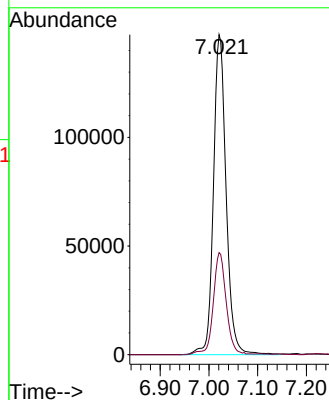
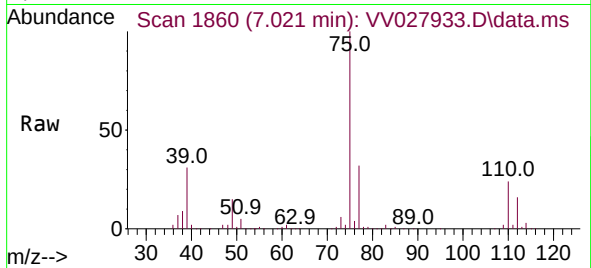
VSTD020244

Tgt Ion: 75 Resp: 266439

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 205.697 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

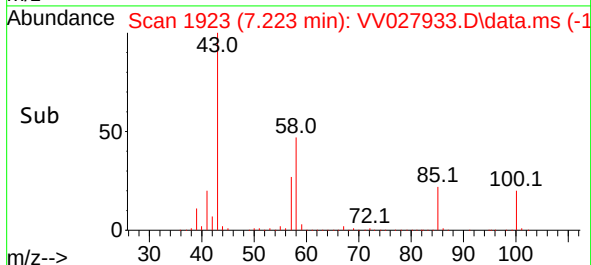
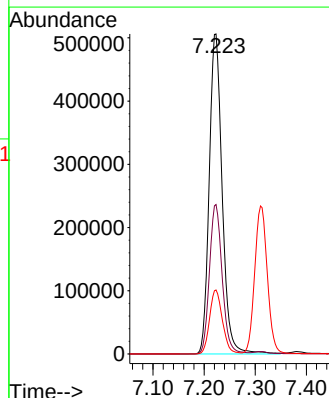
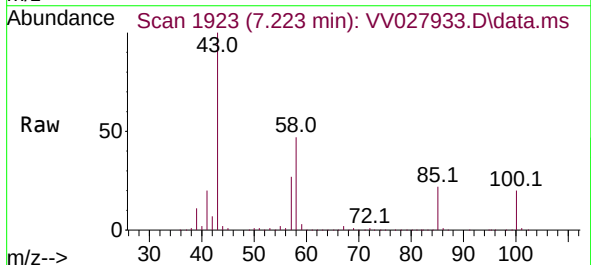
Tgt Ion: 43 Resp: 891309

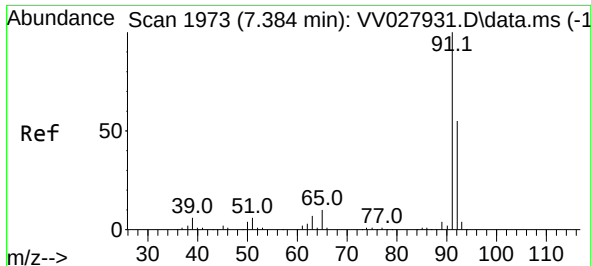
Ion Ratio Lower Upper

43 100

58 45.9 35.3 52.9

100 19.8 15.3 22.9





#42

Toluene

Concen: 20.407 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

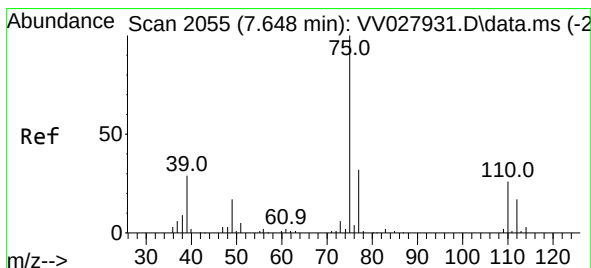
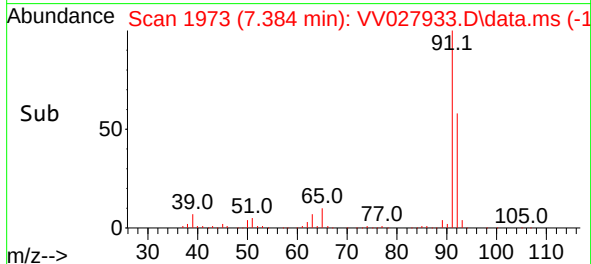
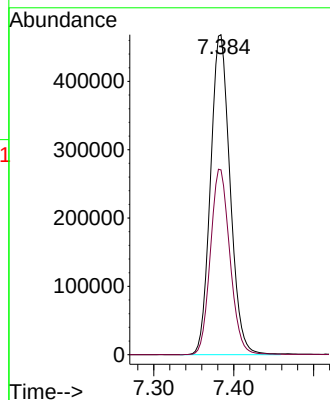
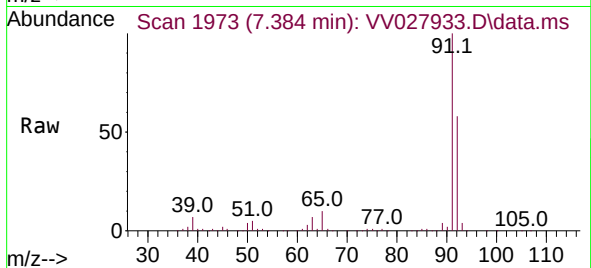
VSTD020244

Tgt Ion: 91 Resp: 795641

Ion Ratio Lower Upper

91 100

92 57.7 38.5 71.5



#44

trans-1,3-Dichloropropene

Concen: 21.308 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV027933.D

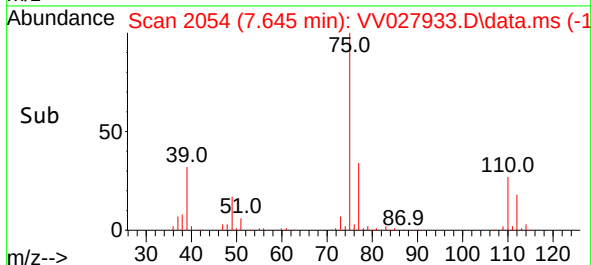
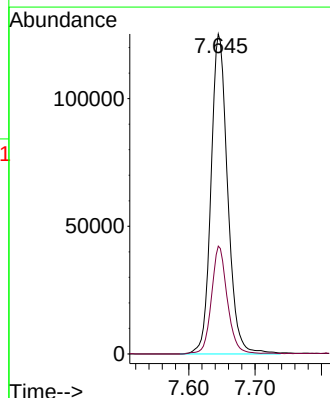
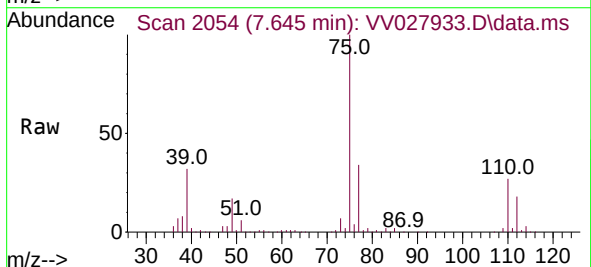
Acq: 19 Sep 2022 17:45

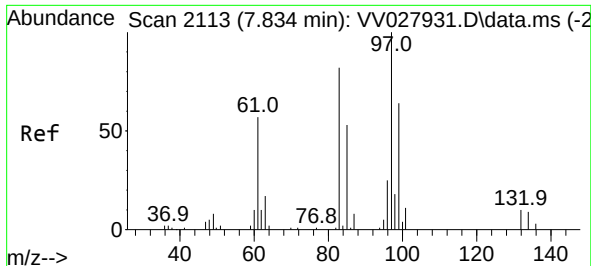
Tgt Ion: 75 Resp: 218966

Ion Ratio Lower Upper

75 100

77 33.7 22.2 41.2

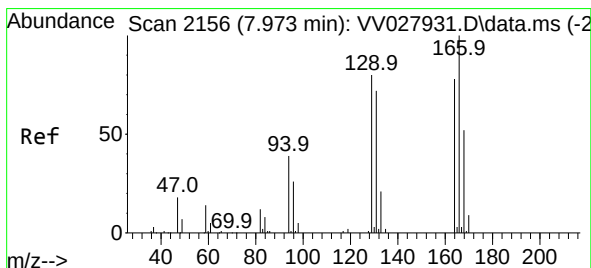
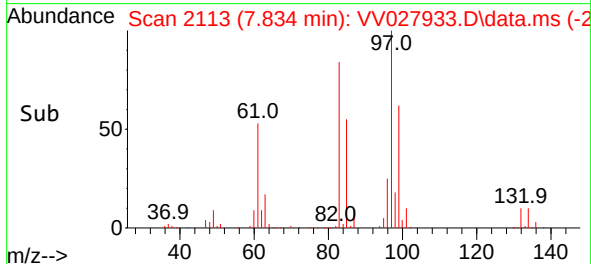
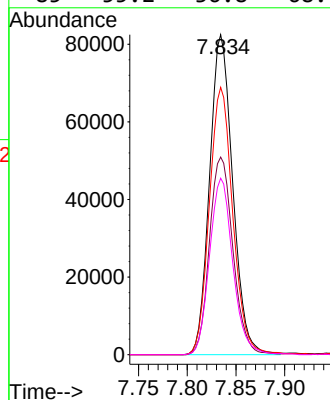
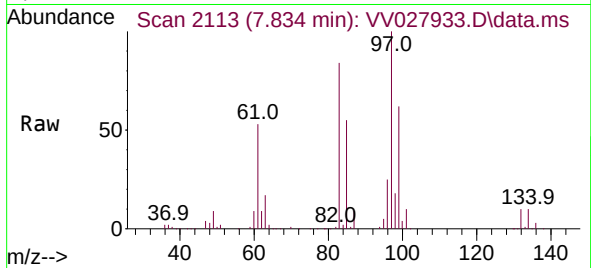




#45
1,1,2-Trichloroethane
Concen: 21.443 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

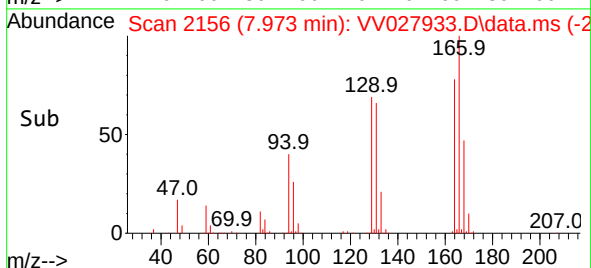
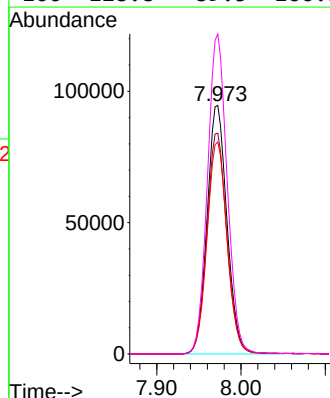
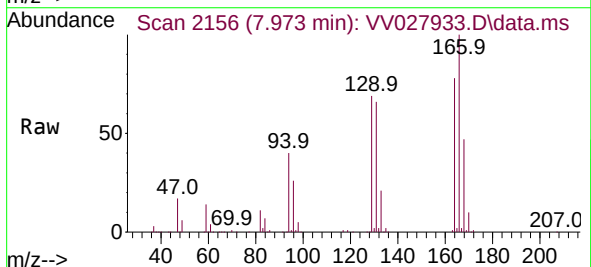
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

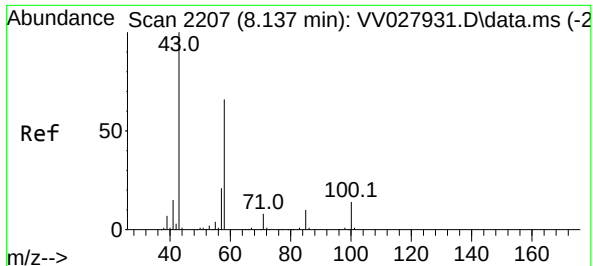
Tgt Ion:	97	Resp:	136249
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.9	83.5
83	83.6	57.3	106.3
85	55.2	36.8	68.4



#47
Tetrachloroethene
Concen: 19.079 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion:	164	Resp:	155294
Ion	Ratio	Lower	Upper
164	100		
129	88.9	71.3	132.3
131	85.4	64.5	119.7
166	128.8	89.5	166.1



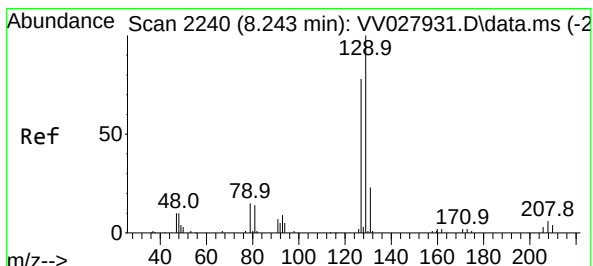
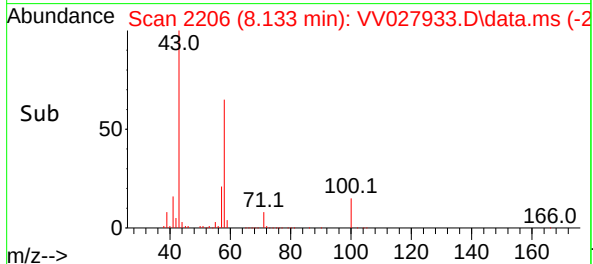
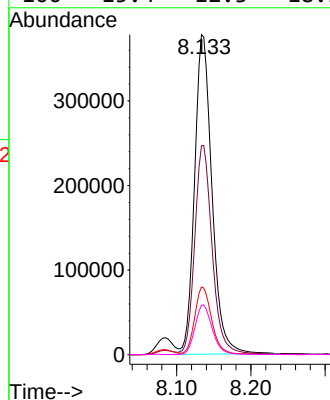
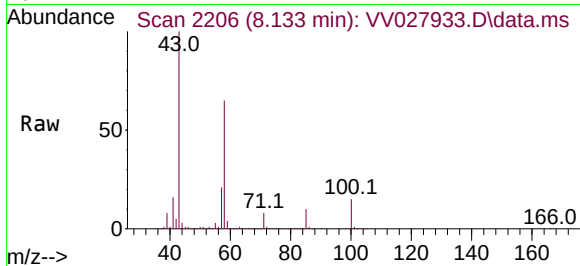


#48
2-Hexanone
Concen: 199.510 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

Tgt Ion: 43 Resp: 618185

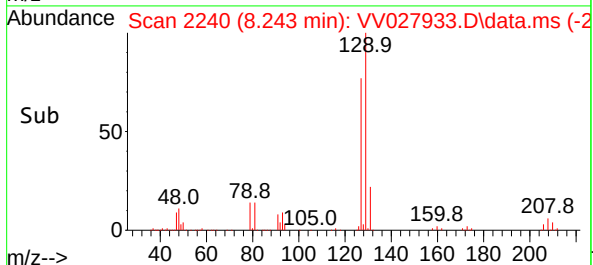
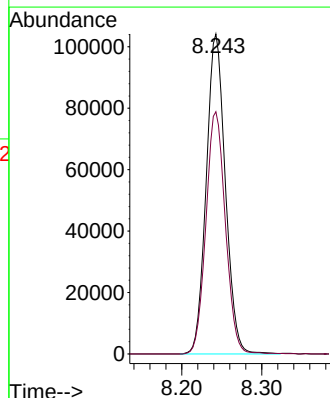
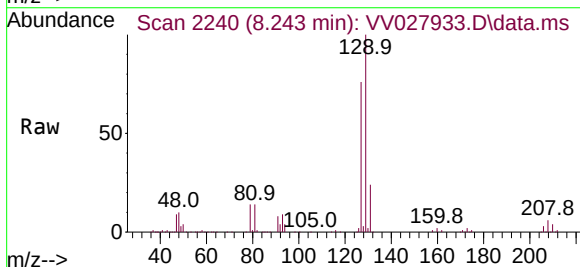
Ion	Ratio	Lower	Upper
43	100		
58	65.6	50.6	76.0
57	20.8	16.2	24.4
100	15.4	12.3	18.5

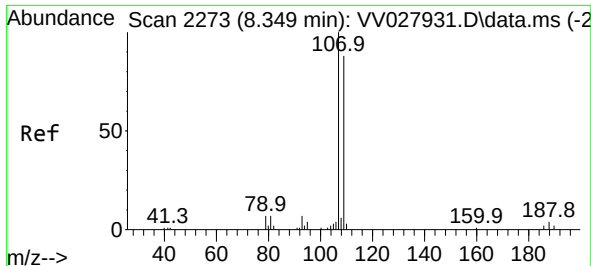


#49
Dibromochloromethane
Concen: 21.481 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion: 129 Resp: 173109

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.3	100.9

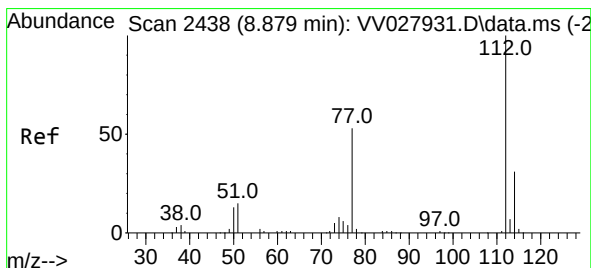
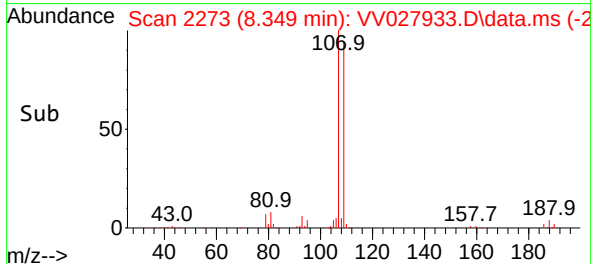
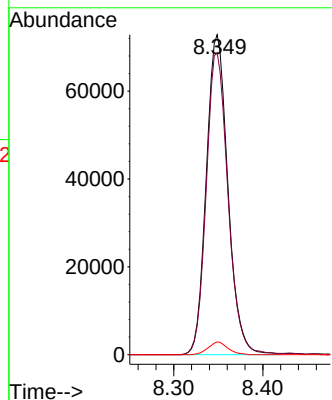
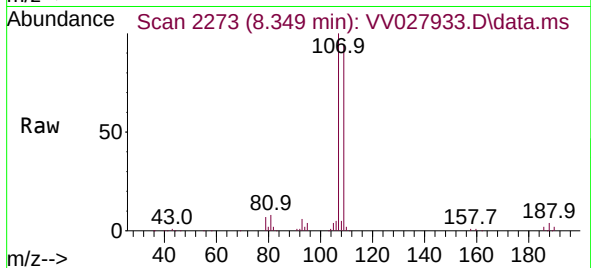




#50
1,2-Dibromoethane
Concen: 21.247 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

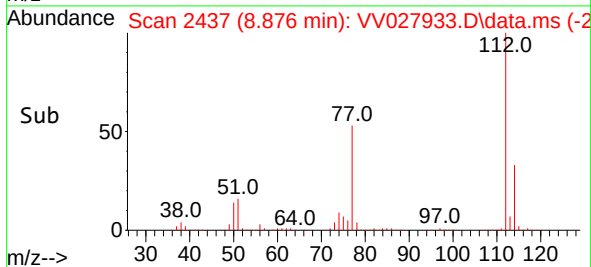
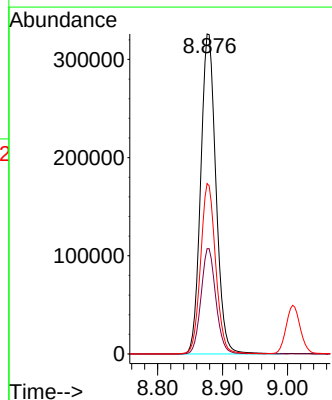
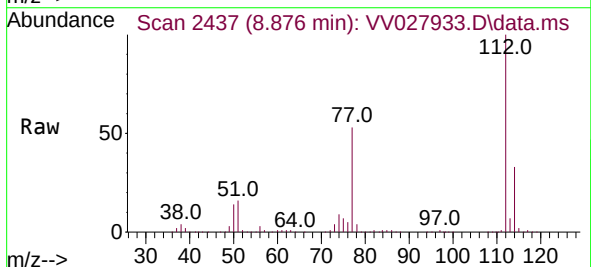
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

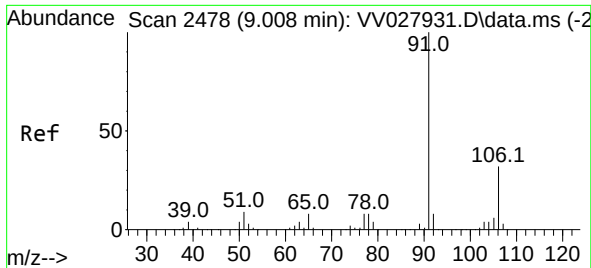
Tgt Ion:107 Resp: 122744
Ion Ratio Lower Upper
107 100
109 94.4 61.4 114.0
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 20.792 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion:112 Resp: 533634
Ion Ratio Lower Upper
112 100
114 32.9 22.0 40.8
77 53.3 42.7 64.1

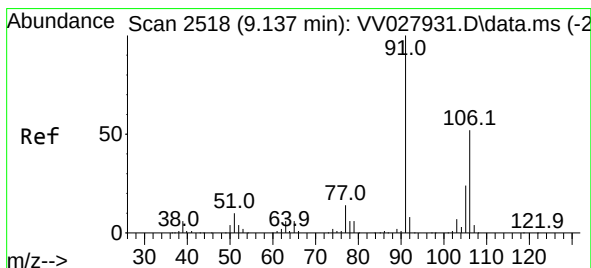
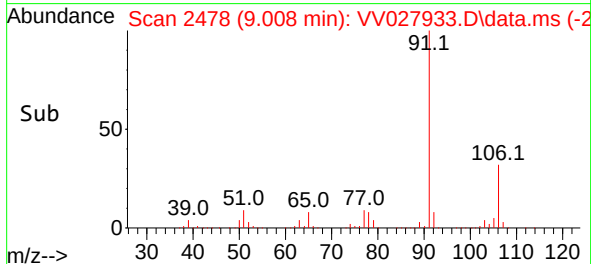
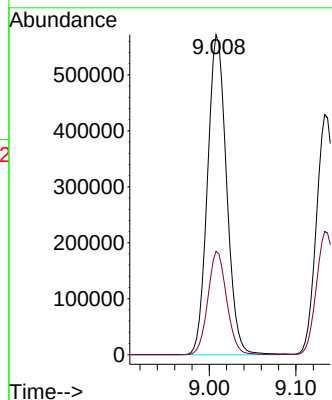
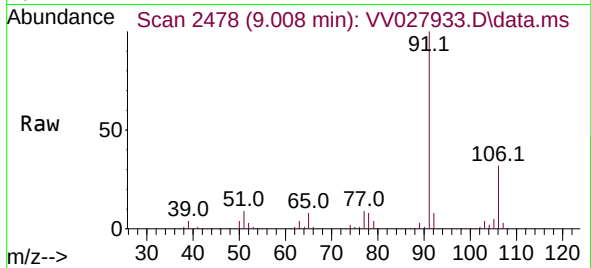




#52
Ethylbenzene
Concen: 21.446 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

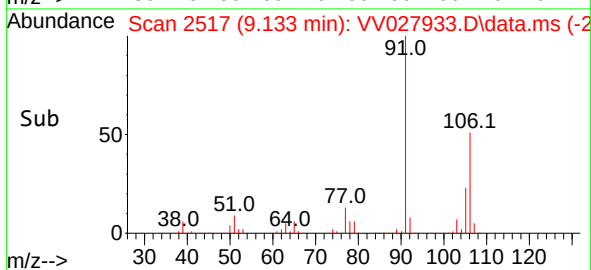
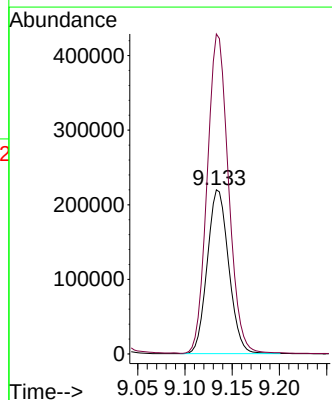
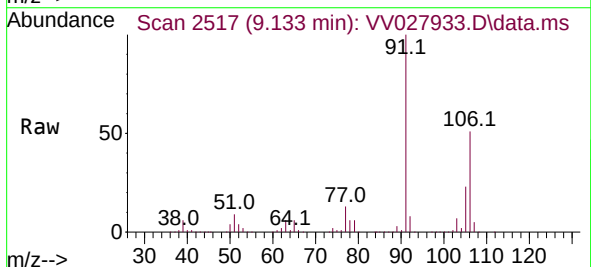
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

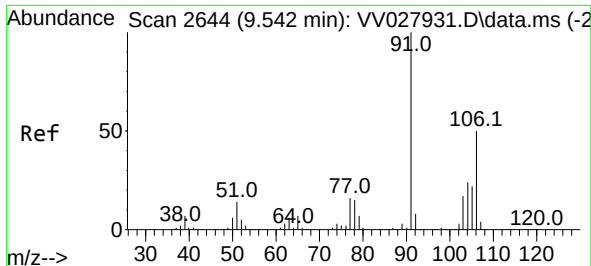
Tgt Ion: 91 Resp: 874448
Ion Ratio Lower Upper
91 100
106 32.3 22.2 41.2



#53
m,p-Xylene
Concen: 21.643 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion: 106 Resp: 346779
Ion Ratio Lower Upper
106 100
91 195.0 134.7 250.1

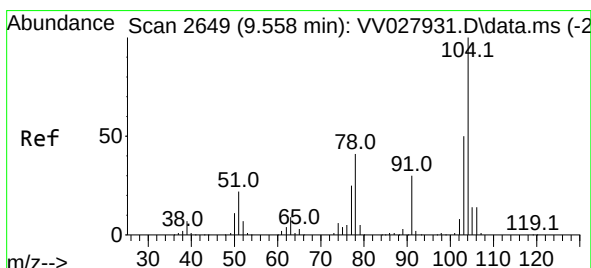
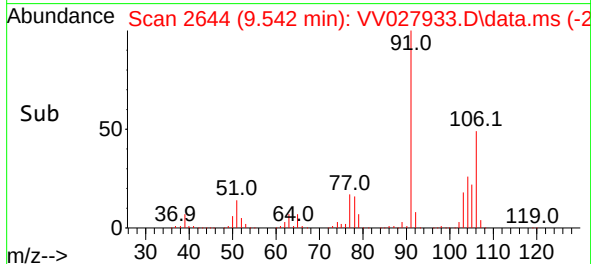
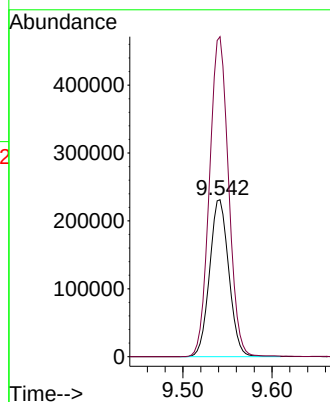
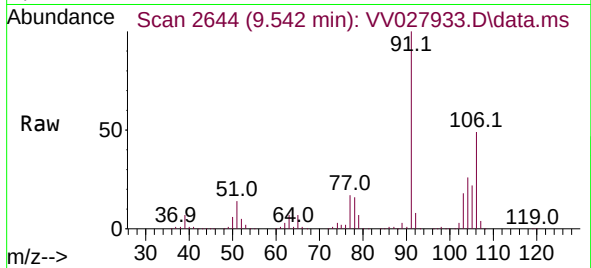




#54
o-Xylene
Concen: 22.587 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

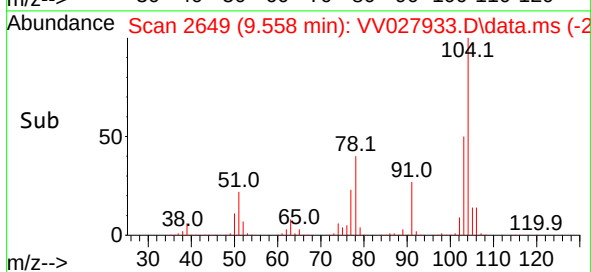
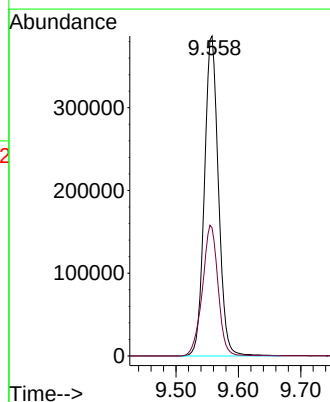
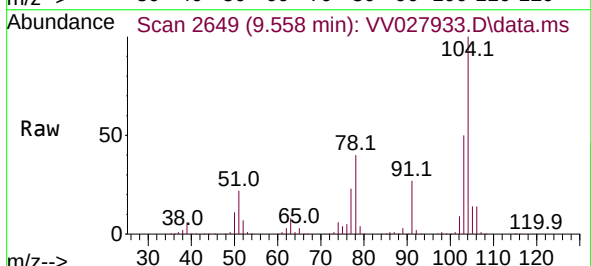
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

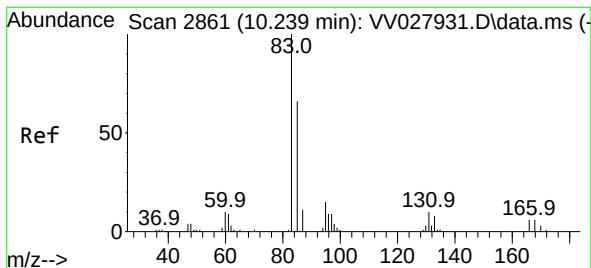
Tgt Ion:106 Resp: 346253
Ion Ratio Lower Upper
106 100
91 203.8 139.4 259.0



#55
Styrene
Concen: 22.768 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion:104 Resp: 605800
Ion Ratio Lower Upper
104 100
78 40.1 28.4 52.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.130 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

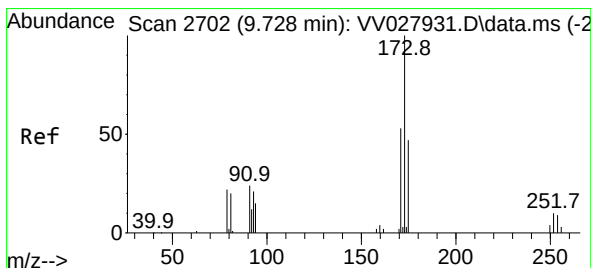
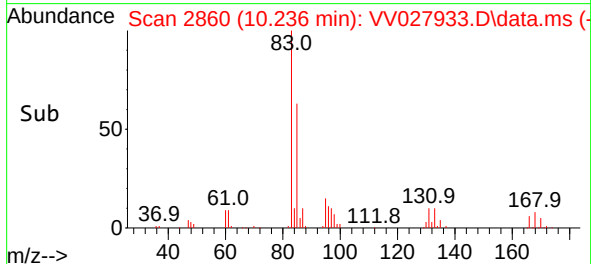
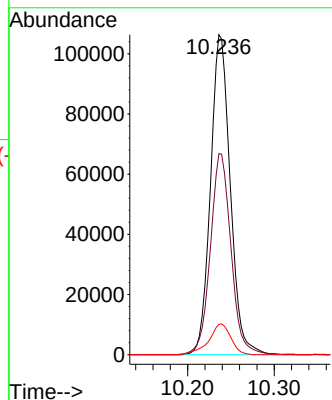
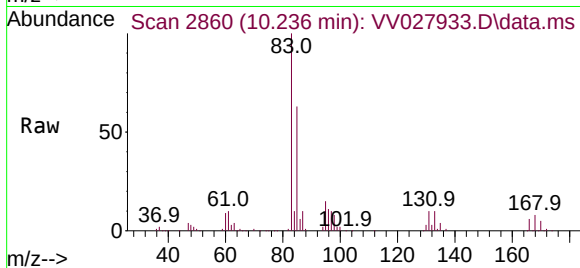
Tgt Ion: 83 Resp: 168622

Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.3

131 9.5 8.3 12.5



#59

Bromoform

Concen: 20.859 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

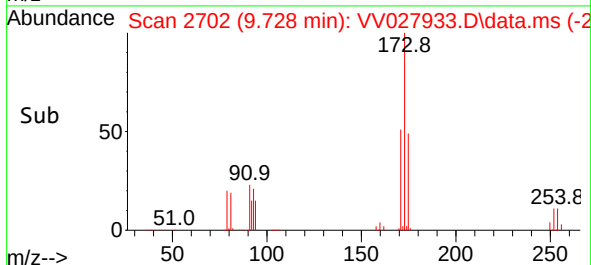
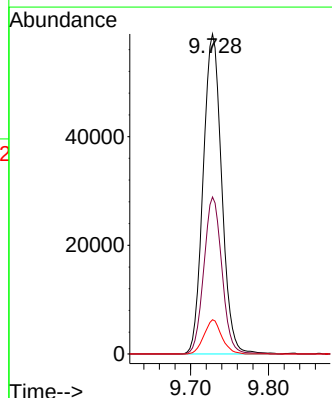
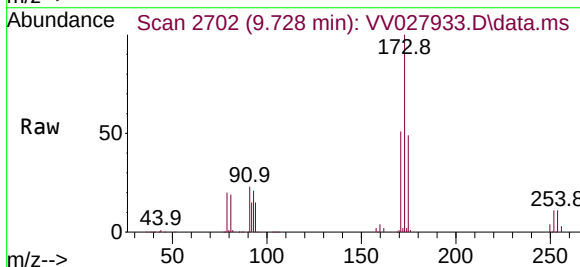
Tgt Ion: 173 Resp: 97148

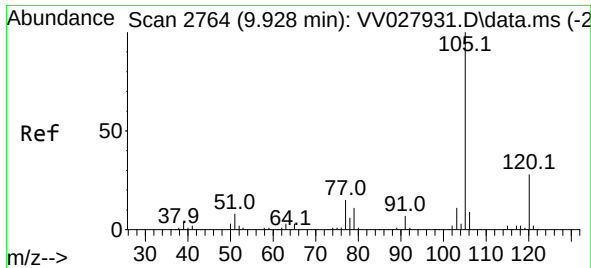
Ion Ratio Lower Upper

173 100

175 47.9 37.5 56.3

254 10.2 7.3 10.9

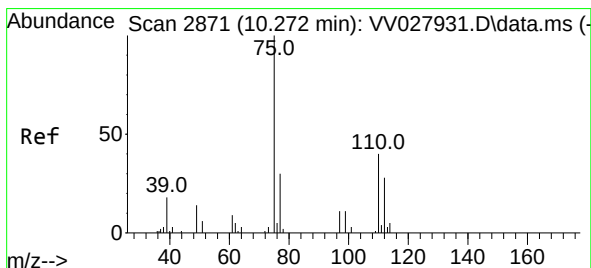
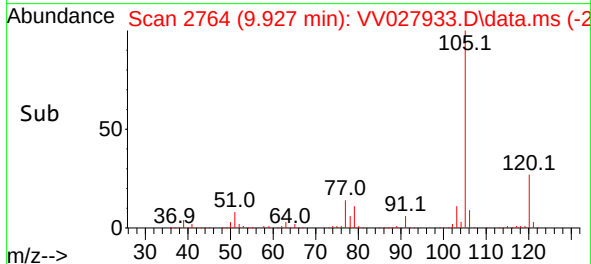
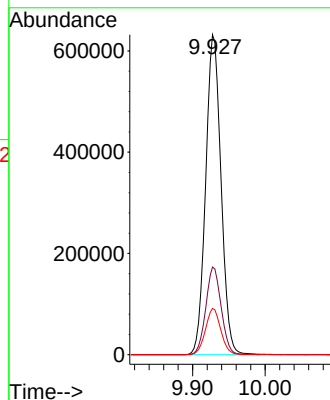
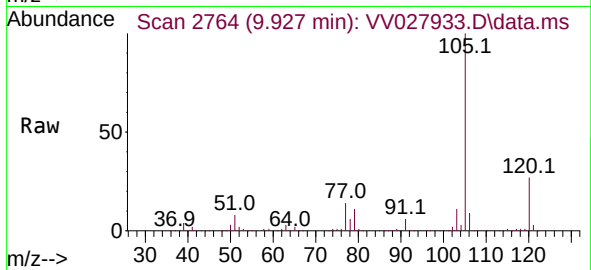




#60
Isopropylbenzene
Concen: 20.101 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

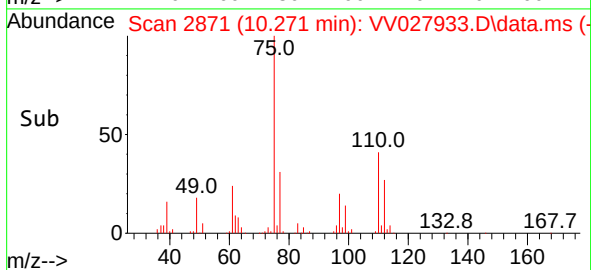
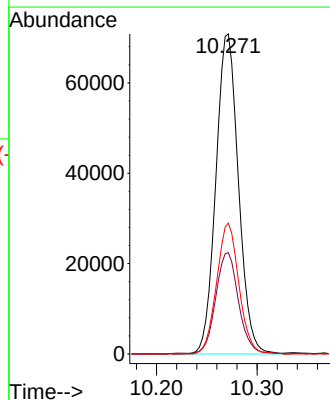
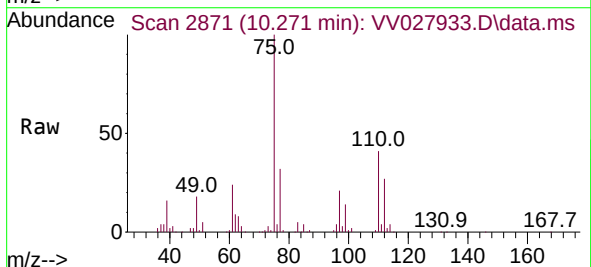
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

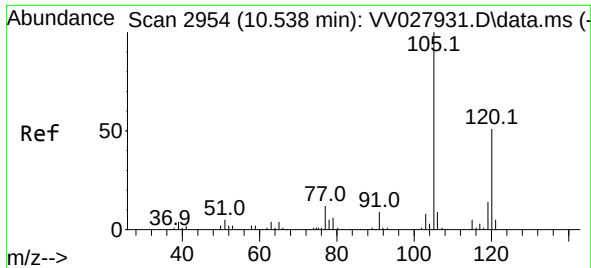
Tgt Ion:105 Resp: 930326
Ion Ratio Lower Upper
105 100
120 27.3 22.3 33.5
77 14.4 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 18.447 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion: 75 Resp: 110410
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 40.4 31.3 46.9

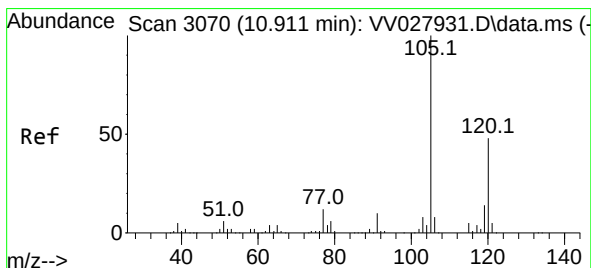
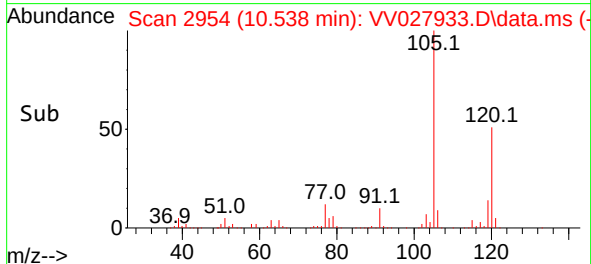
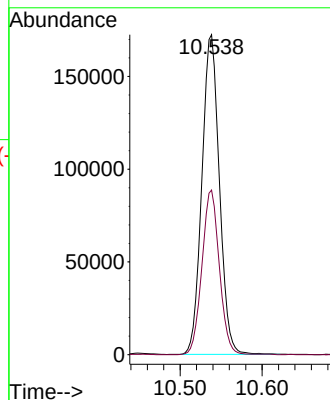
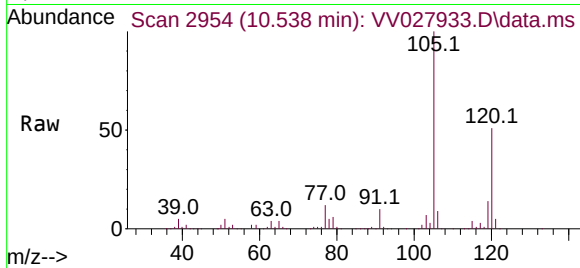




#62
1,3,5-Trimethylbenzene
Concen: 19.679 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

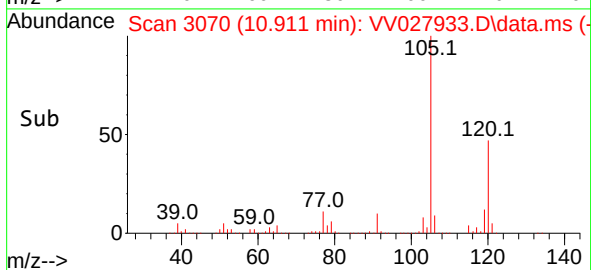
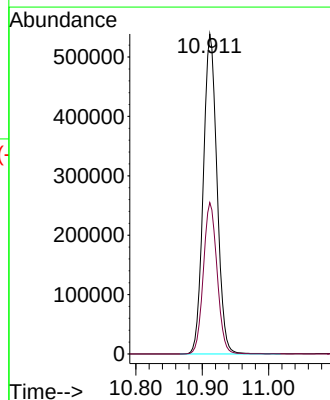
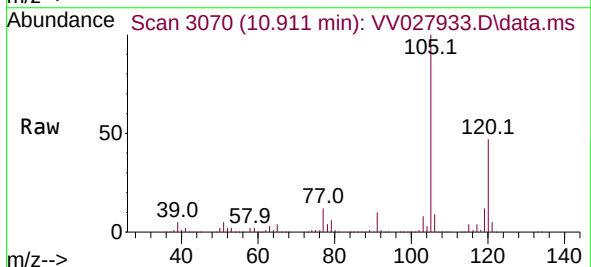
Instrument :
MSVOA_V
ClientSampleId :
VSTD020244

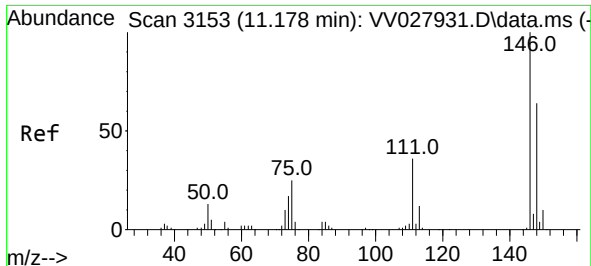
Tgt Ion:105 Resp: 255575
Ion Ratio Lower Upper
105 100
120 51.1 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 20.786 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027933.D
Acq: 19 Sep 2022 17:45

Tgt Ion:105 Resp: 775177
Ion Ratio Lower Upper
105 100
120 47.3 37.9 56.9

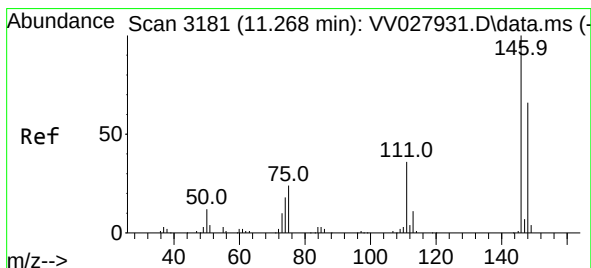
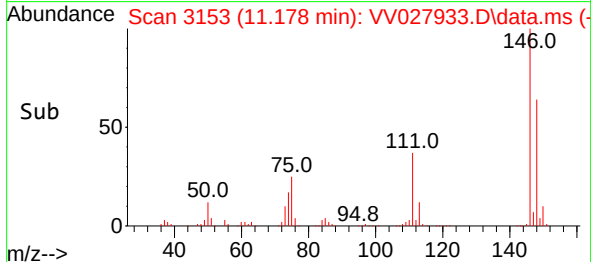
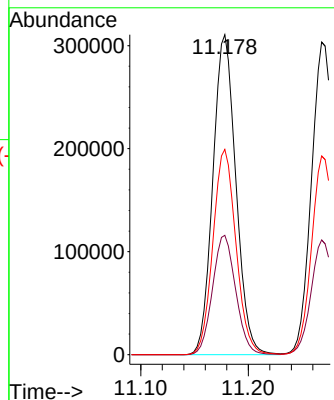
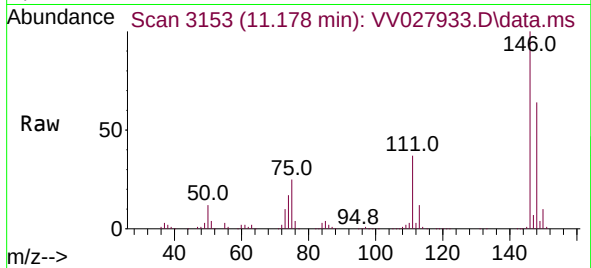




#64
 1,3-Dichlorobenzene
 Concen: 19.298 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

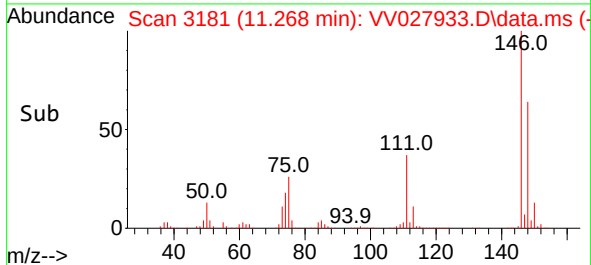
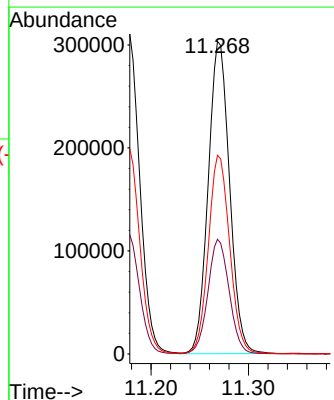
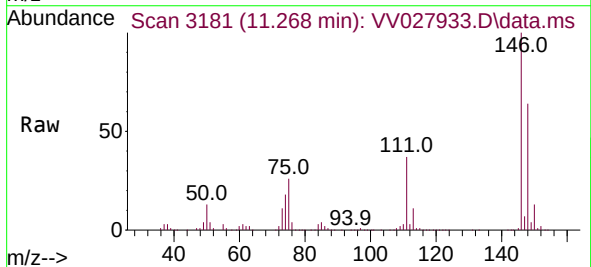
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020244

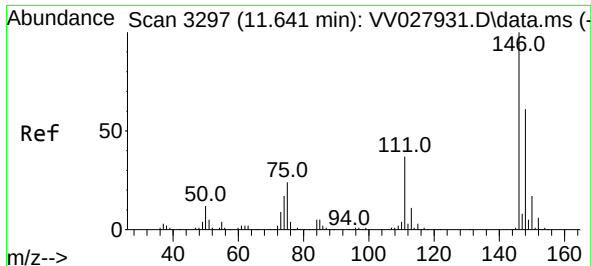
Tgt Ion:146 Resp: 461772
 Ion Ratio Lower Upper
 146 100
 111 37.3 25.3 46.9
 148 64.2 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 19.161 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

Tgt Ion:146 Resp: 462316
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.2 46.8
 148 63.6 46.2 85.8





#67

1,2-Dichlorobenzene

Concen: 19.424 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

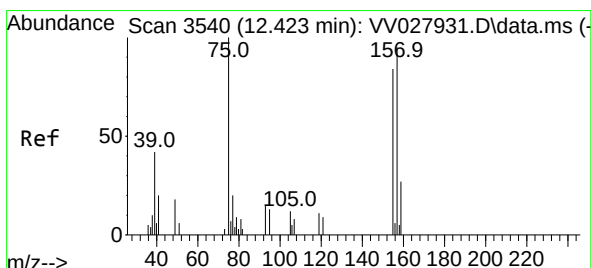
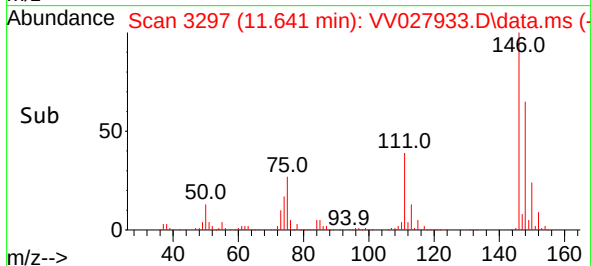
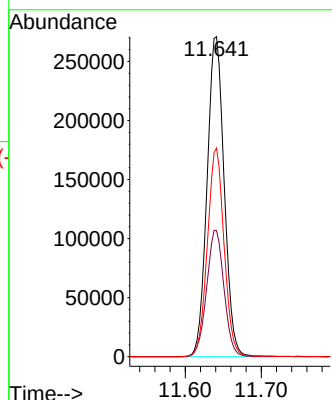
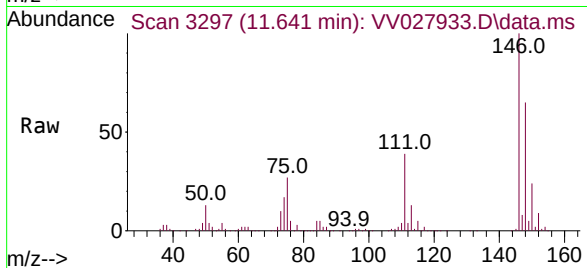
Tgt Ion:146 Resp: 423677

Ion Ratio Lower Upper

146 100

111 39.4 29.7 44.5

148 65.2 48.7 73.1



#68

1,2-Dibromo-3-chloropropane

Concen: 18.139 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

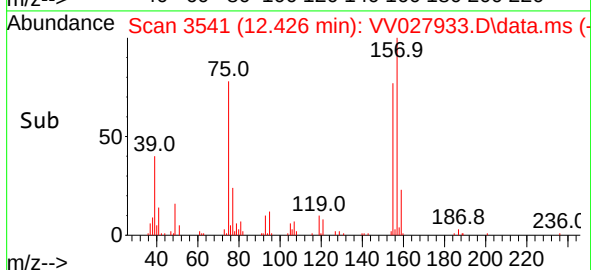
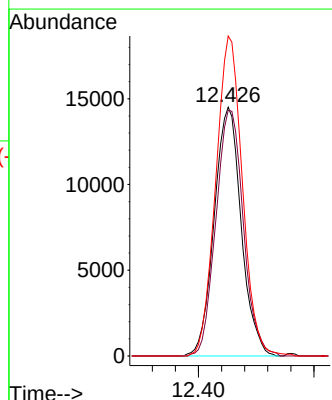
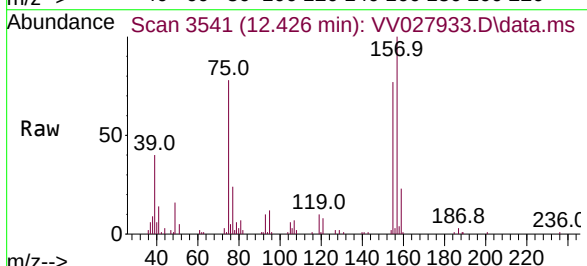
Tgt Ion: 75 Resp: 23559

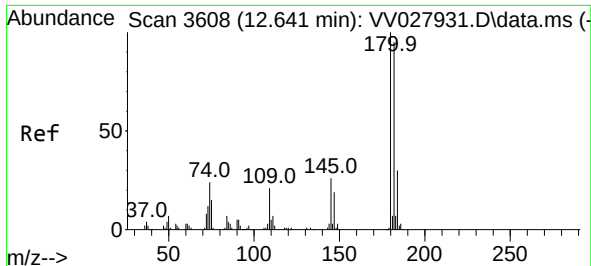
Ion Ratio Lower Upper

75 100

155 98.8 67.6 101.4

157 128.6 75.9 113.9#

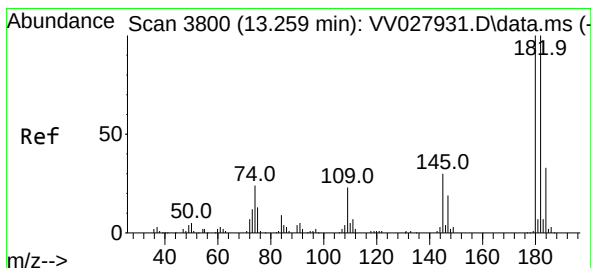
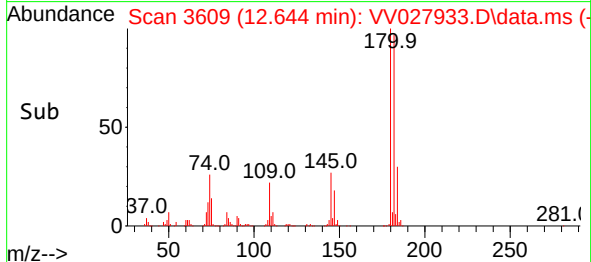
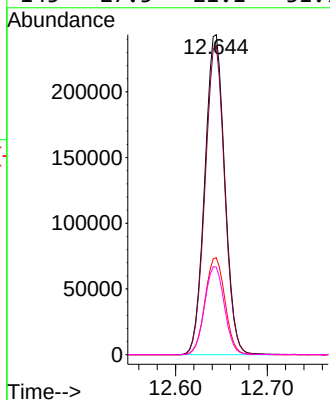
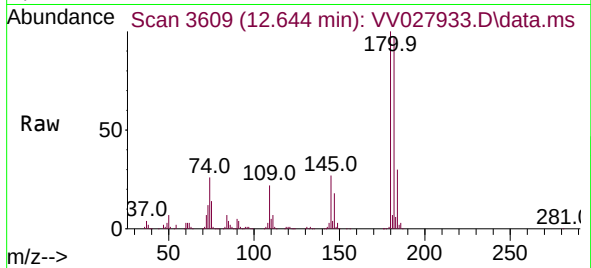




#69
 1,3,5-Trichlorobenzene
 Concen: 19.931 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

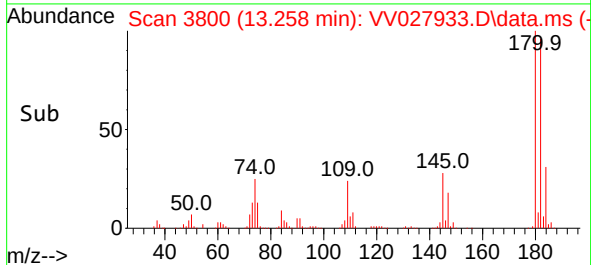
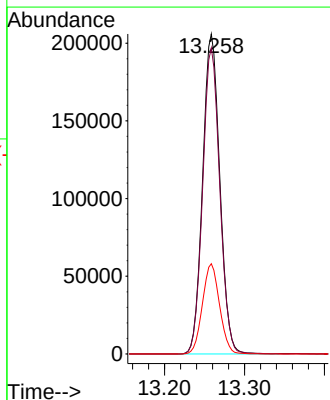
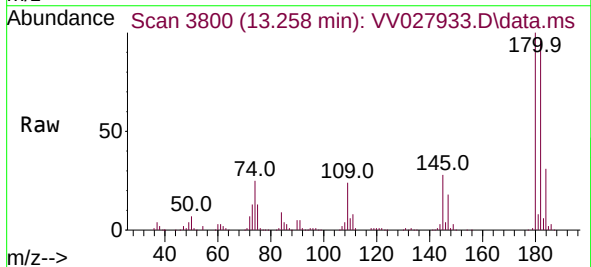
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020244

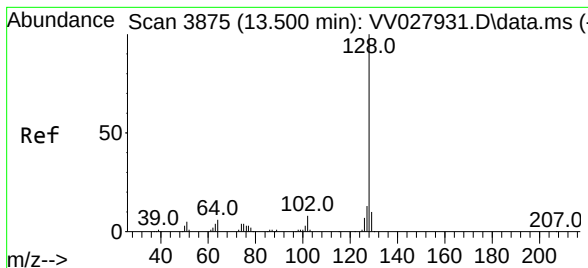
Tgt Ion:180	Resp:	367738	
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
184	30.4	24.6	37.0
145	27.5	21.1	31.7



#70
 1,2,4-trichlorobenzene
 Concen: 20.779 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027933.D
 Acq: 19 Sep 2022 17:45

Tgt Ion:180	Resp:	308023	
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.7	115.1
145	28.1	23.0	34.4





#71

Naphthalene

Concen: 21.050 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD020244

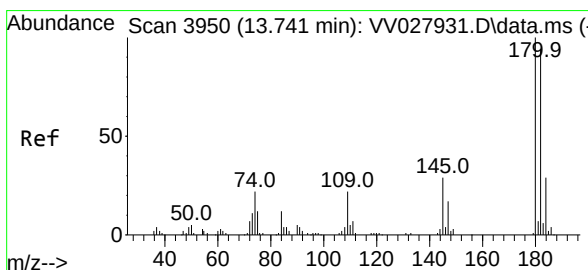
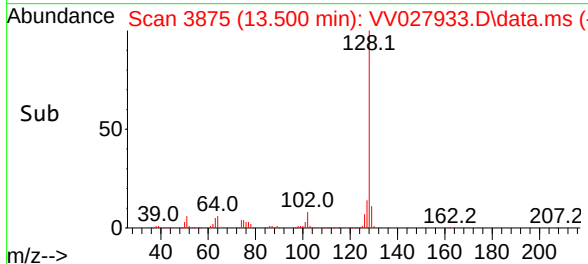
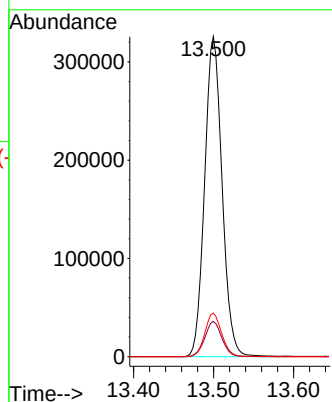
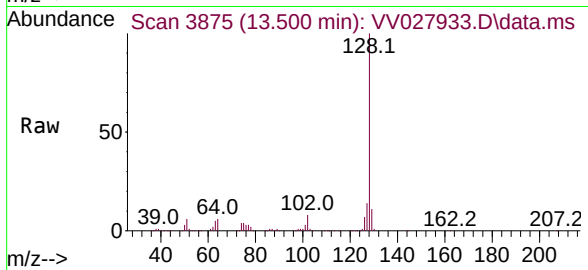
Tgt Ion:128 Resp: 495465

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.2

127 13.1 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 20.740 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027933.D

Acq: 19 Sep 2022 17:45

Tgt Ion:180 Resp: 274562

Ion Ratio Lower Upper

180 100

182 94.5 74.2 111.2

145 29.8 23.9 35.9

