

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027986.D
 Acq On : 21 Sep 2022 01:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Quant Time: Sep 21 05:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:52:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	356588	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	358358	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	195207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	144616	46.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.400%
7) Chloroethane-d5	1.558	69	121999	48.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.580%
11) 1,1-Dichloroethene-d2	2.101	63	264337	47.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
21) 2-Butanone-d5	3.873	46	209719	112.662	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	4.342	84	262463	49.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.027	65	166337	48.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.043	84	502960	48.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	6.063	67	150738	47.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	7.310	98	464316	49.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
43) trans-1,3-Dichloroprop...	7.616	79	78542	49.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.480%
47) 2-Hexanone-d5	8.085	63	183947	117.726	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.730%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	252563	53.799	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	188380	49.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	126685	46.978	ug/L	99
3) Chloromethane	1.236	50	152586	48.441	ug/L	99
5) Vinyl chloride	1.304	62	159319	49.745	ug/L	97
6) Bromomethane	1.516	94	108456	51.873	ug/L	99
8) Chloroethane	1.577	64	104899	51.717	ug/L	98
9) Trichlorofluoromethane	1.744	101	237465	50.333	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	126800	48.991	ug/L	98
12) 1,1-Dichloroethene	2.111	96	126597	48.931	ug/L	90
13) Acetone	2.166	43	166487	100.357	ug/L	99
14) Carbon disulfide	2.285	76	332316	48.541	ug/L	98
15) Methyl Acetate	2.426	43	159090	55.516	ug/L	98
16) Methylene chloride	2.500	84	142983	47.135	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	121978	49.537	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	404113	52.281	ug/L	99
19) 1,1-Dichloroethane	3.182	63	236533	49.726	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	137844	50.192	ug/L	98
22) 2-Butanone	3.957	43	213526	108.123	ug/L	98
23) Bromochloromethane	4.240	128	75065	50.646	ug/L	97
25) Chloroform	4.365	83	249232	49.077	ug/L	98

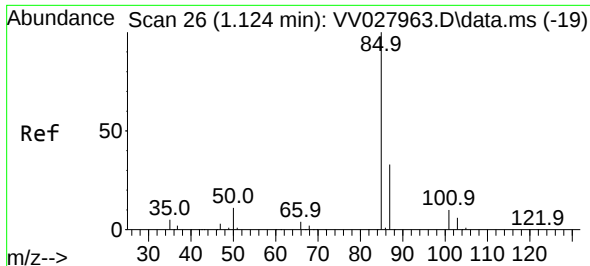
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
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 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:52:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	195883	49.735	ug/L	99
29) Cyclohexane	4.670	56	183818	46.988	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	220152	49.904	ug/L	99
31) Carbon tetrachloride	4.822	117	188534	48.124	ug/L	97
33) Benzene	5.092	78	527001	49.292	ug/L	100
34) Trichloroethene	5.908	95	129038	48.705	ug/L	99
35) Methylcyclohexane	6.127	83	198318	46.378	ug/L	96
37) 1,2-Dichloropropane	6.169	63	131910	47.034	ug/L	98
38) Bromodichloromethane	6.503	83	183029	46.737	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	191737	45.147	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	417344	104.336	ug/L	99
42) Toluene	7.384	91	572111	50.497	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	212594	50.178	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	145686	51.492	ug/L	97
46) Tetrachloroethene	7.973	164	106678	48.396	ug/L	99
48) 2-Hexanone	8.137	43	386449	119.084	ug/L	98
49) Dibromochloromethane	8.243	129	155421	49.761	ug/L	97
50) 1,2-Dibromoethane	8.349	107	148521	51.187	ug/L	97
51) Chlorobenzene	8.876	112	372996	49.317	ug/L	100
52) Ethylbenzene	9.008	91	619351	50.638	ug/L	99
53) m,p-Xylene	9.136	106	241516	51.501	ug/L	100
54) o-Xylene	9.542	106	235219	51.984	ug/L	98
55) Styrene	9.558	104	425317	52.972	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	249002	52.471	ug/L	100
59) Bromoform	9.728	173	115946	51.328	ug/L	98
60) Isopropylbenzene	9.927	105	615281	53.294	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	202583	55.286	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	517609	52.428	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	518099	52.621	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	291272	49.500	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	294260	48.810	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	298344	49.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	59556	52.892	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	216303	46.877	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	185986	44.978	ug/L	99
71) Naphthalene	13.500	128	668972	50.392	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	208357	48.787	ug/L	99

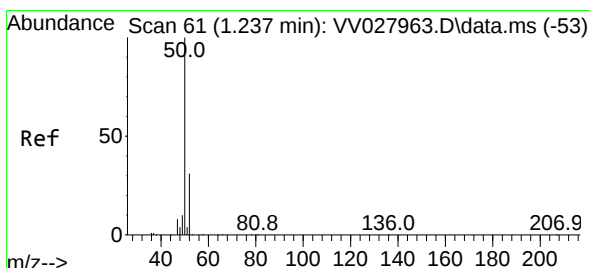
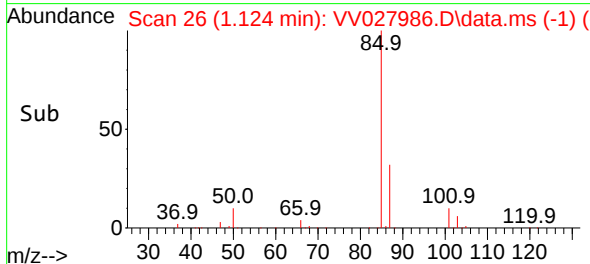
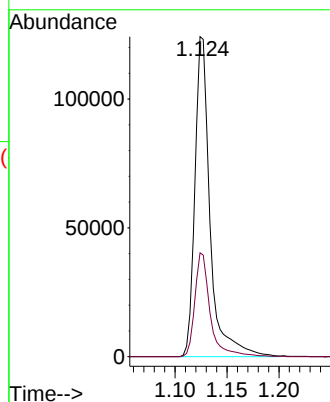
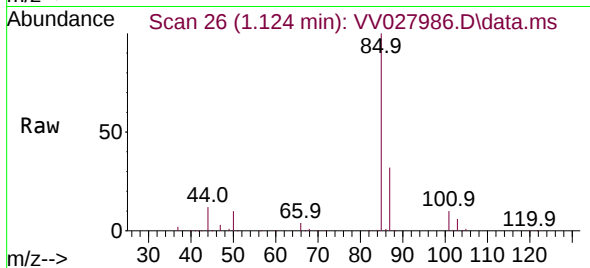
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.978 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

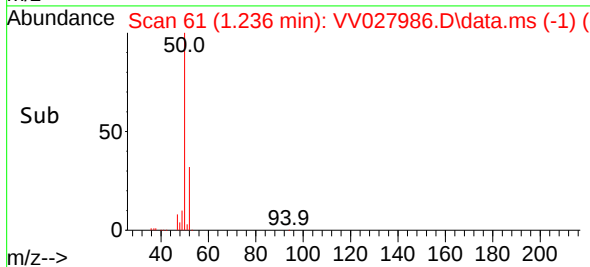
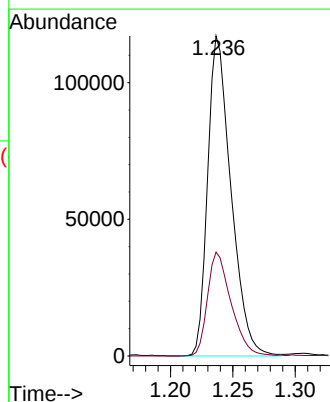
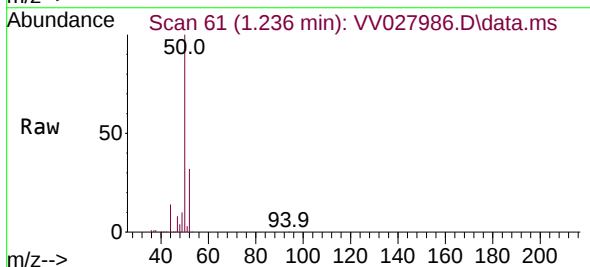
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

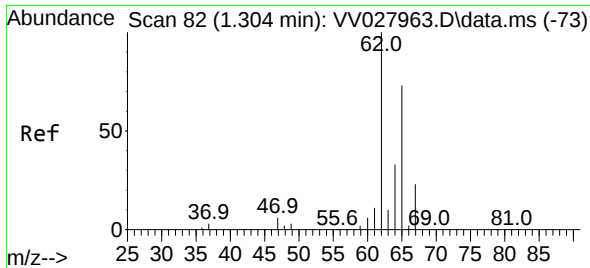
Tgt Ion: 85 Resp: 126685
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 48.441 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 50 Resp: 152586
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.0

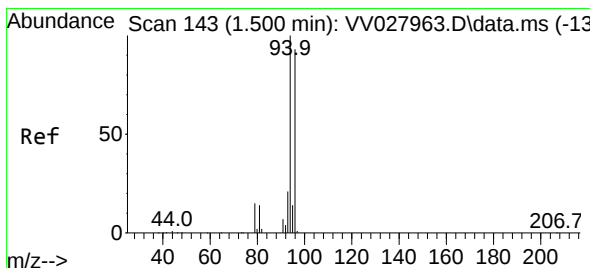
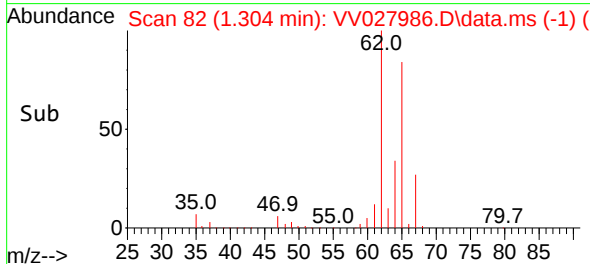
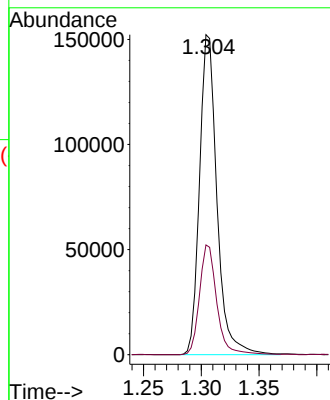
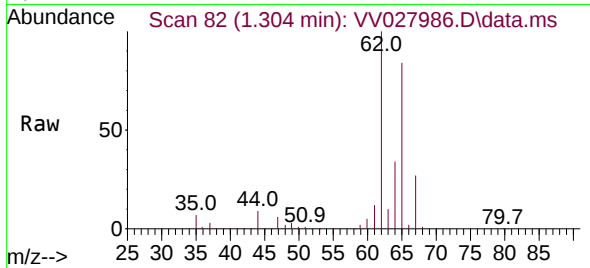




#5
 Vinyl chloride
 Concen: 49.745 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

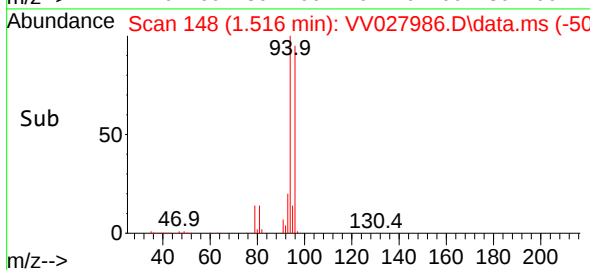
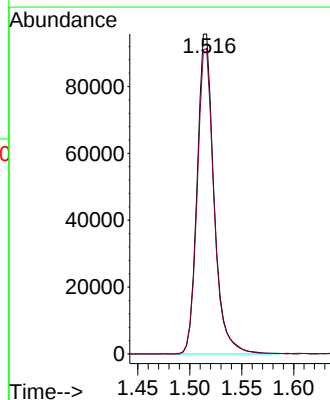
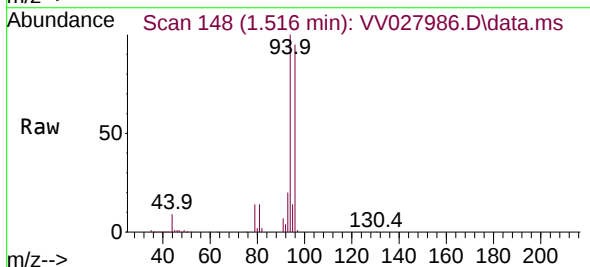
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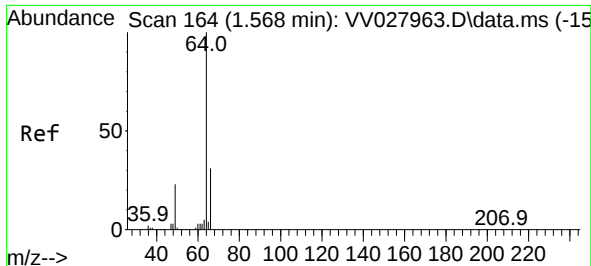
Tgt Ion: 62 Resp: 159319
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.3



#6
 Bromomethane
 Concen: 51.873 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

Tgt Ion: 94 Resp: 108456
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.4 123.2





#8

Chloroethane

Concen: 51.717 ug/L

RT: 1.577 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

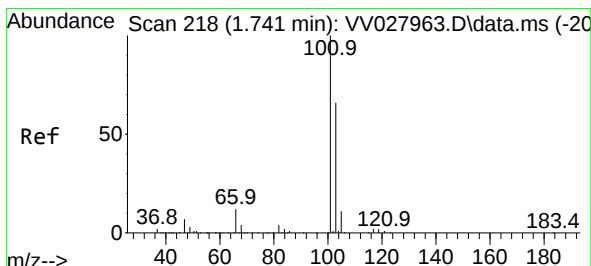
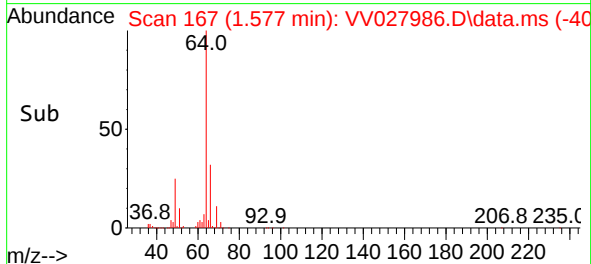
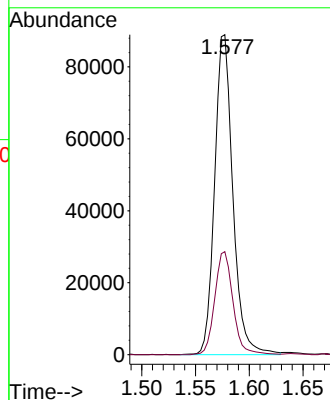
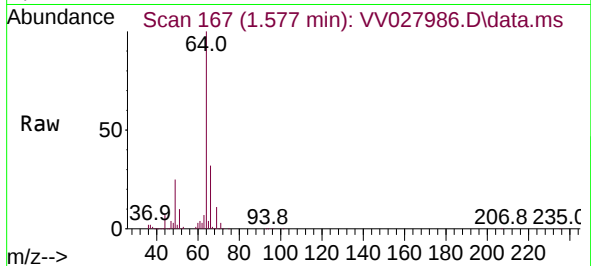
VSTD050343

Tgt Ion: 64 Resp: 104899

Ion Ratio Lower Upper

64 100

66 32.2 23.2 43.2



#9

Trichlorofluoromethane

Concen: 50.333 ug/L

RT: 1.744 min Scan# 219

Delta R.T. 0.003 min

Lab File: VV027986.D

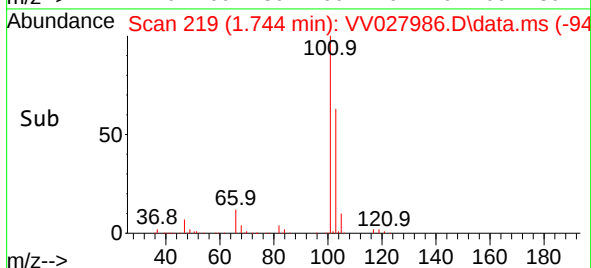
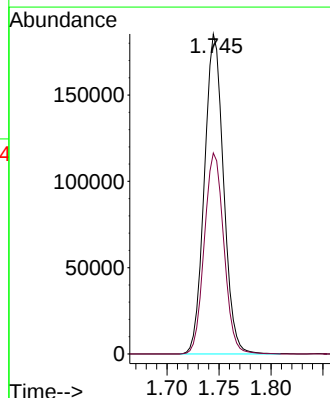
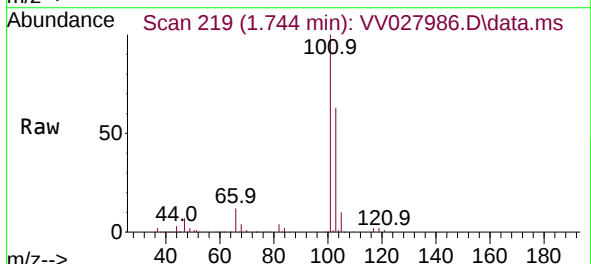
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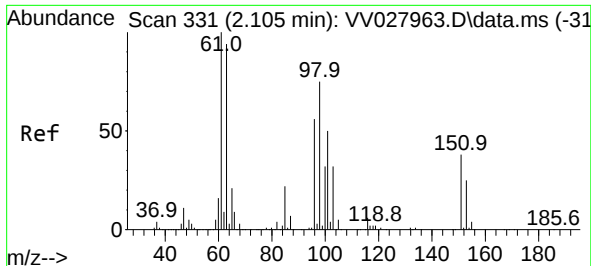
Tgt Ion:101 Resp: 237465

Ion Ratio Lower Upper

101 100

103 64.0 51.3 76.9

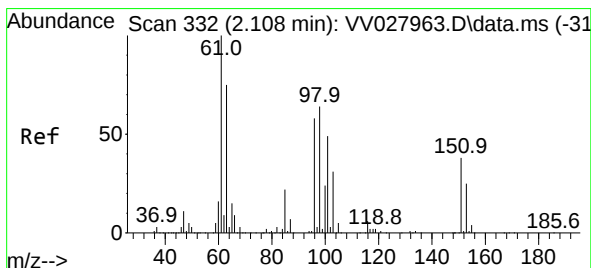
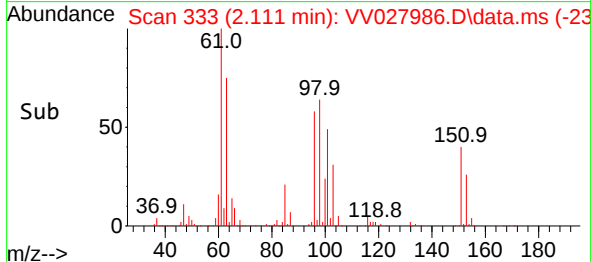
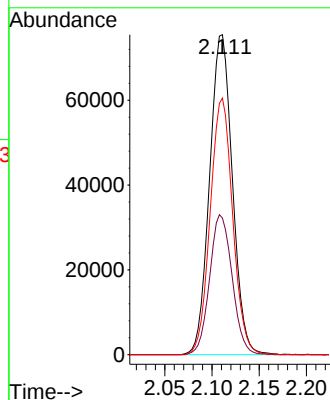
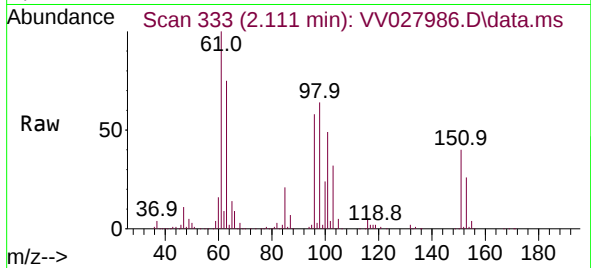




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.991 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

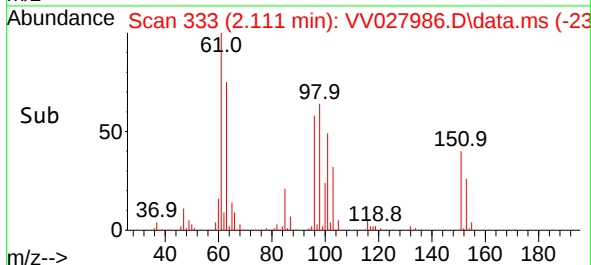
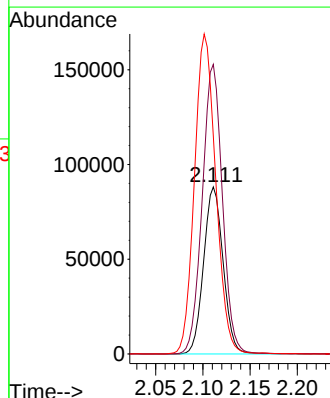
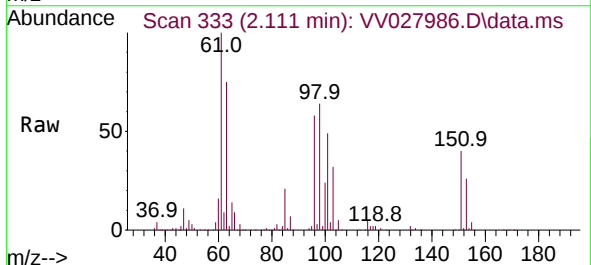
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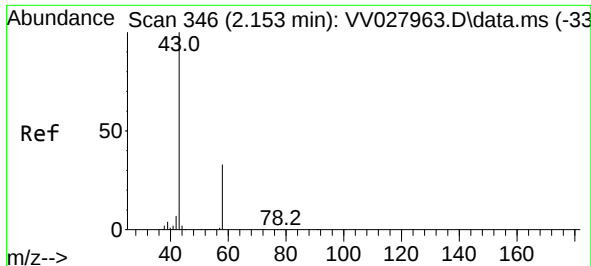
Tgt Ion:101 Resp: 126800
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.6 53.4
 151 78.9 62.2 93.4



#12
 1,1-Dichloroethene
 Concen: 48.931 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

Tgt Ion: 96 Resp: 126597
 Ion Ratio Lower Upper
 96 100
 61 173.4 123.7 229.7
 63 130.5 108.6 201.6





#13

Acetone

Concen: 100.357 ug/L

RT: 2.166 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

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MSVOA_V

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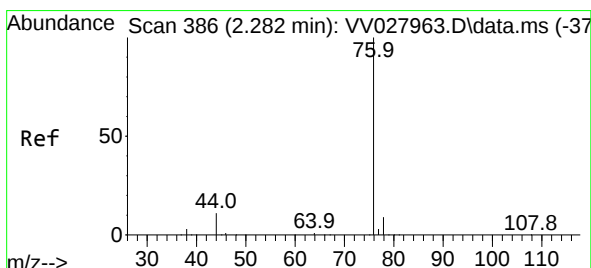
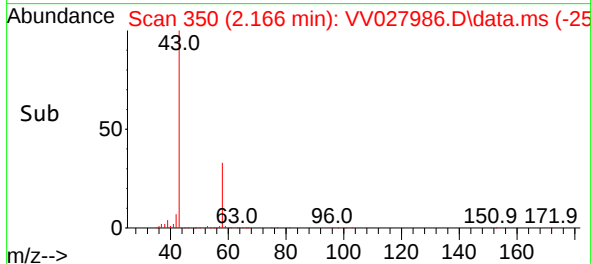
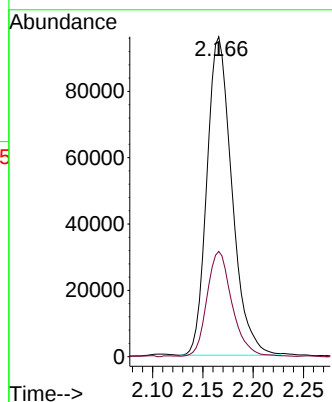
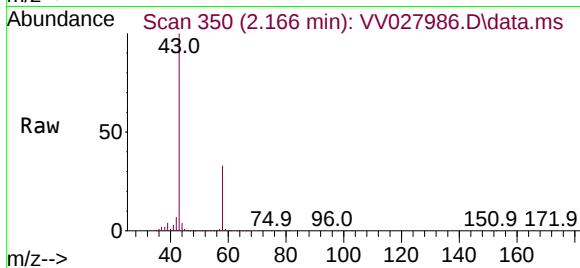
VSTD050343

Tgt Ion: 43 Resp: 166487

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.2



#14

Carbon disulfide

Concen: 48.541 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.003 min

Lab File: VV027986.D

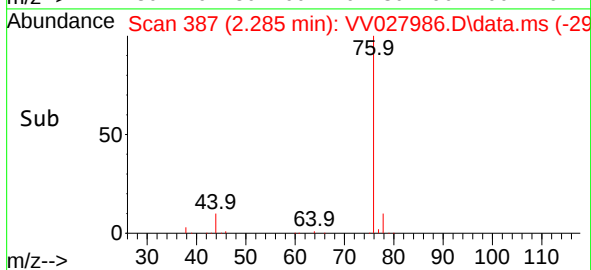
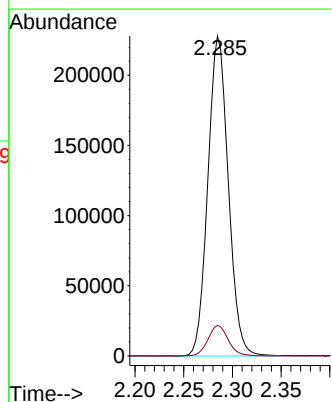
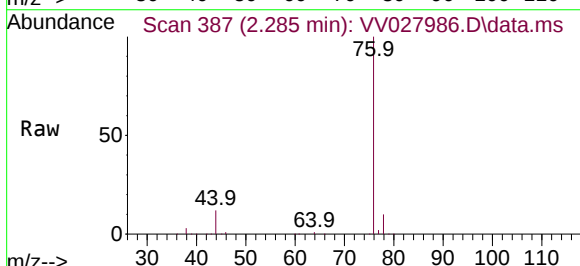
Acq: 21 Sep 2022 01:01

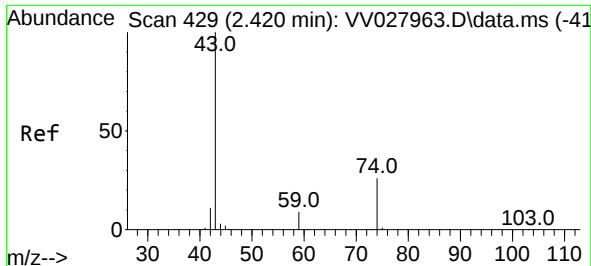
Tgt Ion: 76 Resp: 332316

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

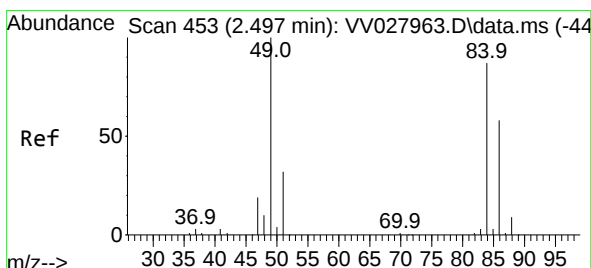
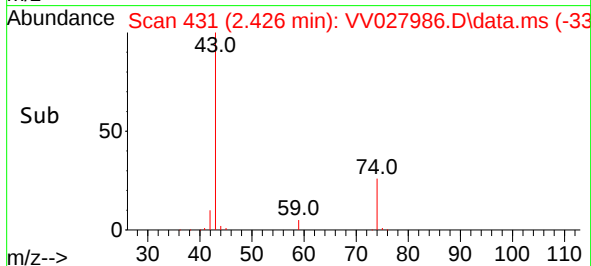
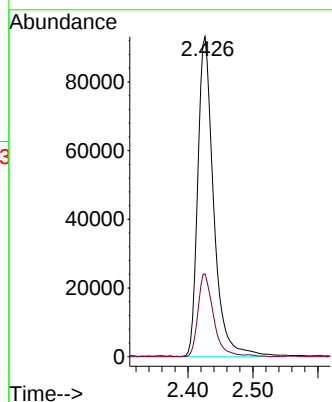
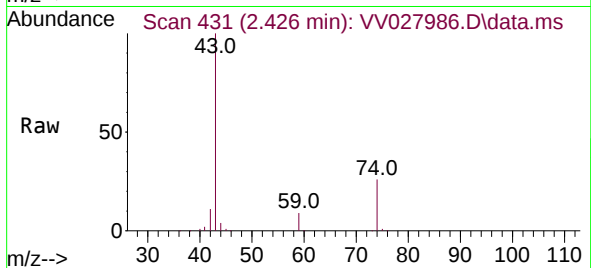




#15
Methyl Acetate
Concen: 55.516 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

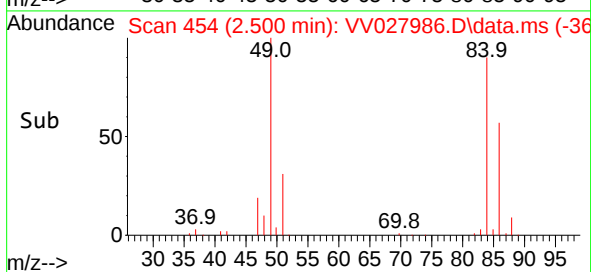
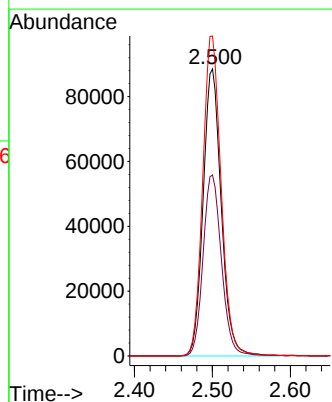
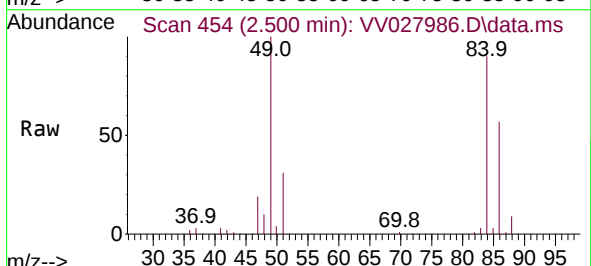
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

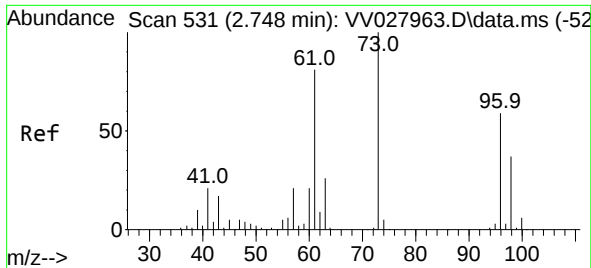
Tgt Ion: 43 Resp: 159090
Ion Ratio Lower Upper
43 100
74 25.1 20.9 31.3



#16
Methylene chloride
Concen: 47.135 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 84 Resp: 142983
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.2
49 111.5 80.8 150.0

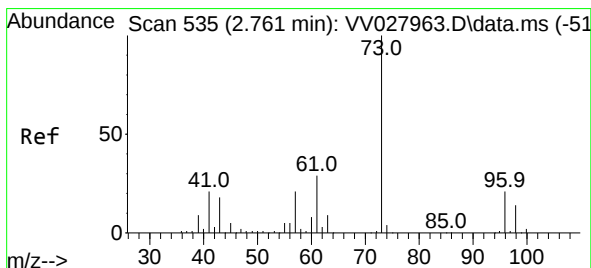
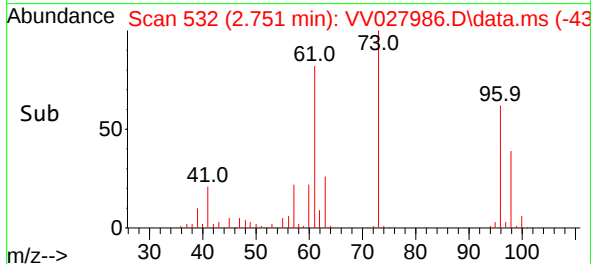
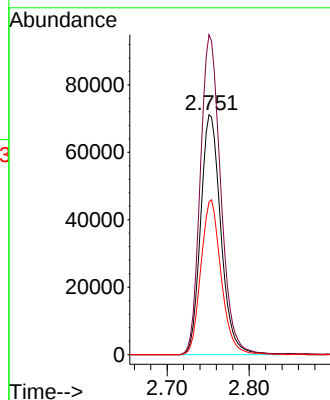
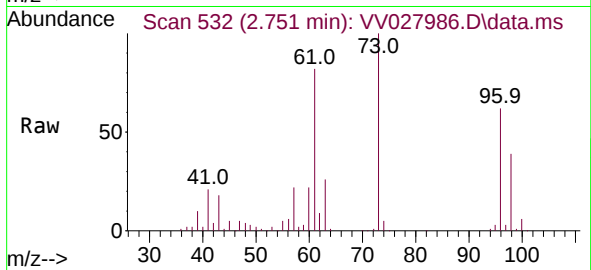




#17
trans-1,2-Dichloroethene
Concen: 49.537 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

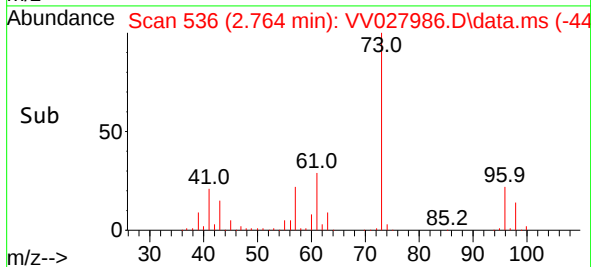
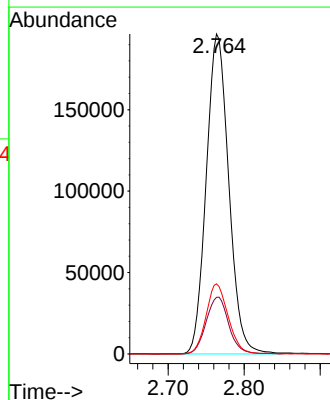
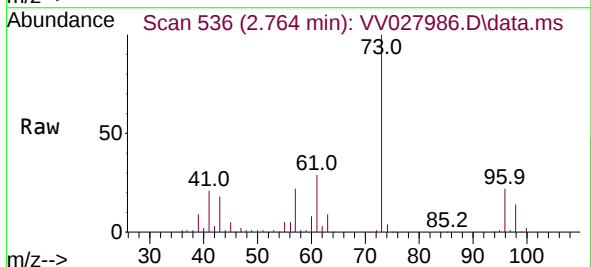
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

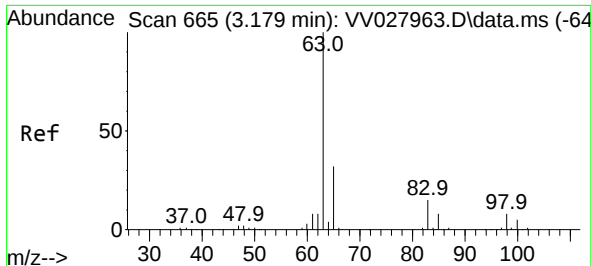
Tgt Ion: 96 Resp: 121978
Ion Ratio Lower Upper
96 100
61 133.3 92.3 171.5
98 63.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.281 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 73 Resp: 404113
Ion Ratio Lower Upper
73 100
43 17.7 14.5 21.7
57 21.5 17.4 26.0

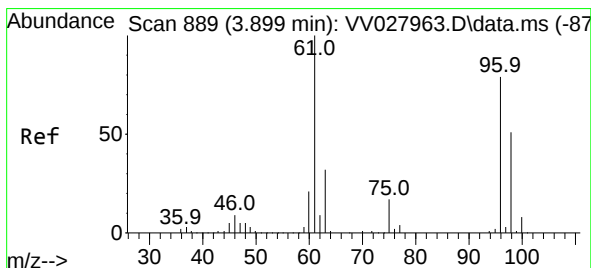
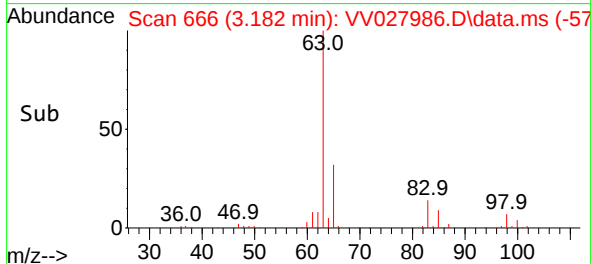
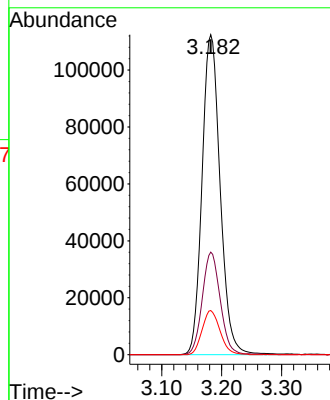
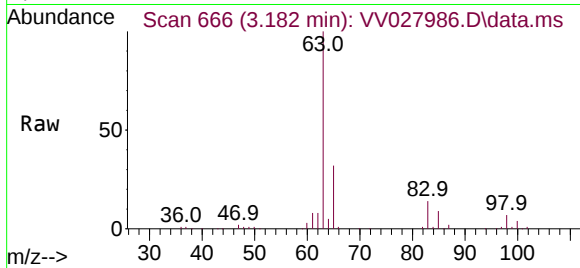




#19
1,1-Dichloroethane
Concen: 49.726 ug/L
RT: 3.182 min Scan# 665
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

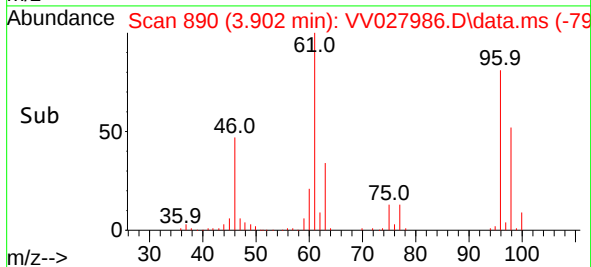
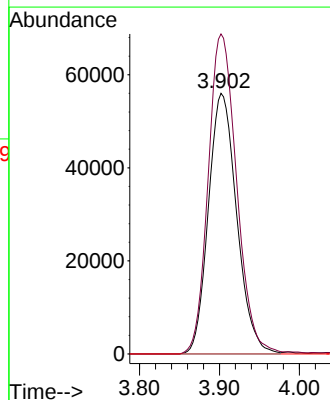
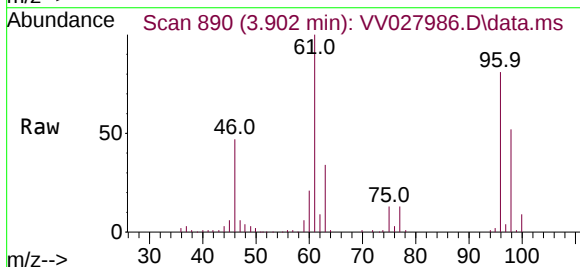
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

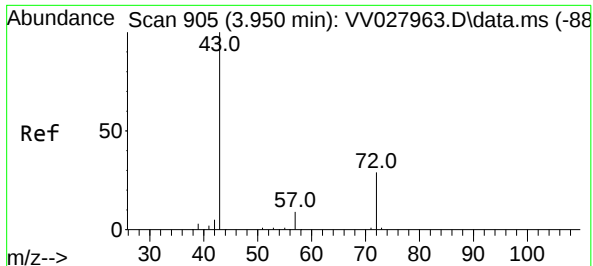
Tgt Ion: 63 Resp: 236533
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 13.8 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 50.192 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 96 Resp: 137844
Ion Ratio Lower Upper
96 100
61 122.8 84.4 156.8
68 0.0 0.0 0.0

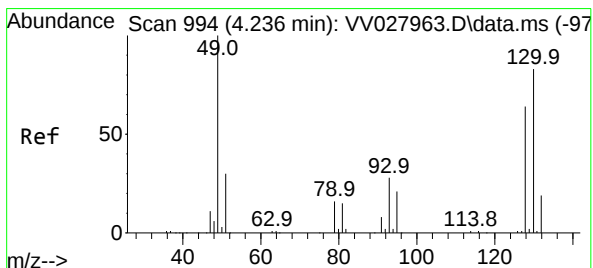
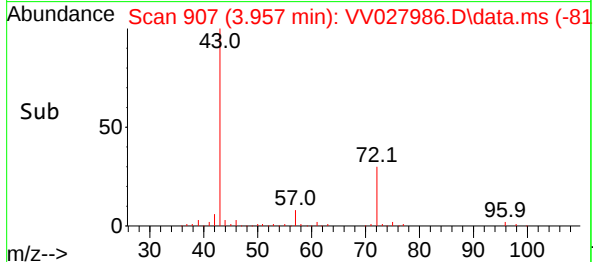
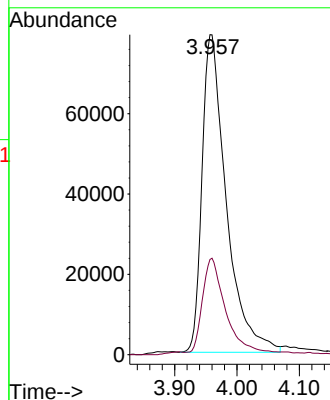
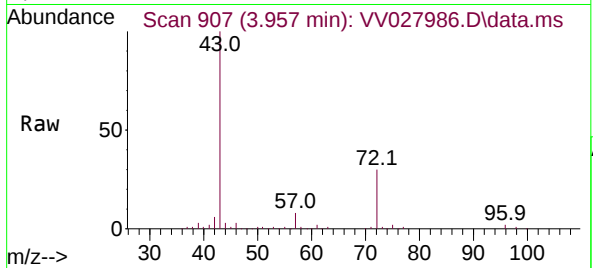




#22
2-Butanone
Concen: 108.123 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.006 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

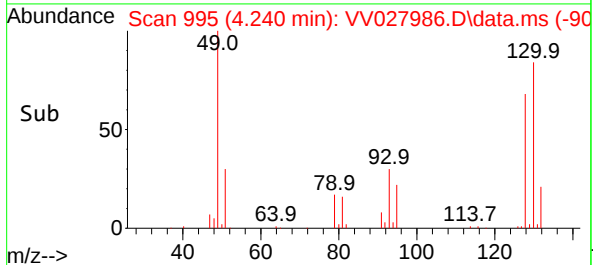
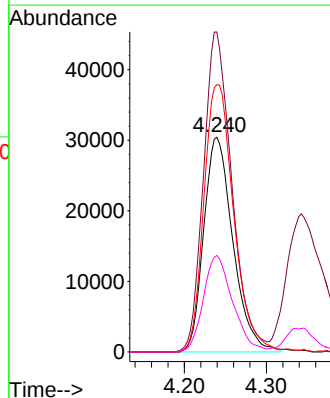
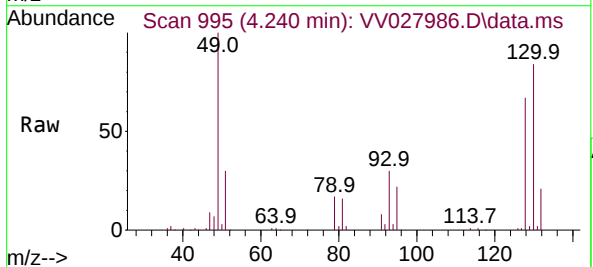
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

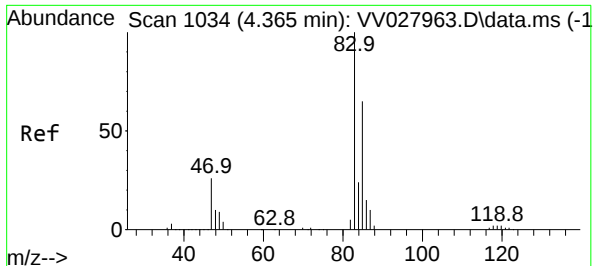
Tgt Ion: 43 Resp: 213526
Ion Ratio Lower Upper
43 100
72 28.0 13.5 40.4



#23
Bromochloromethane
Concen: 50.646 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 128 Resp: 75065
Ion Ratio Lower Upper
128 100
49 149.1 107.0 198.6
130 124.6 88.3 164.1
51 44.9 40.8 61.2





#25

Chloroform

Concen: 49.077 ug/L

RT: 4.365 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

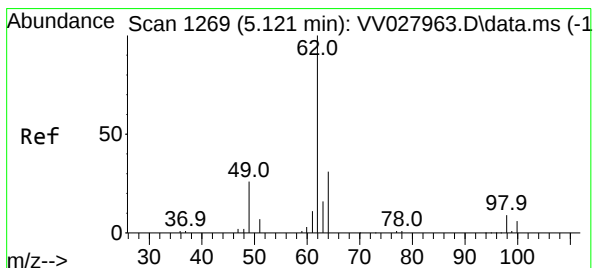
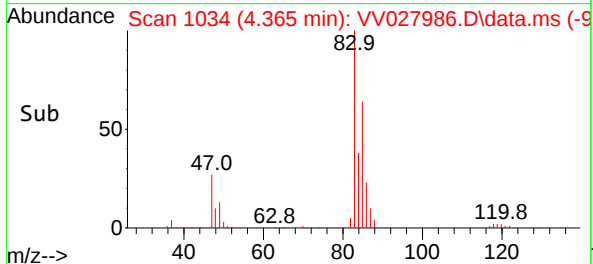
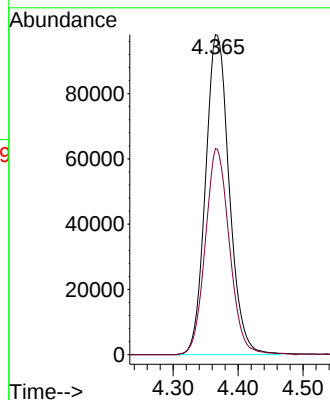
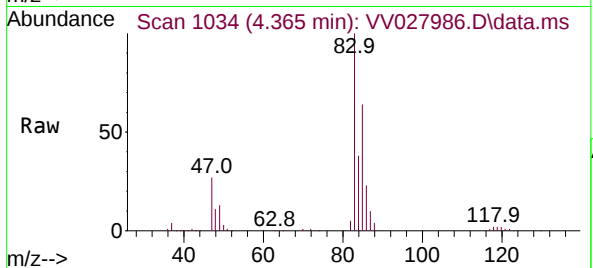
VSTD050343

Tgt Ion: 83 Resp: 249232

Ion Ratio Lower Upper

83 100

85 64.4 46.3 85.9



#27

1,2-Dichloroethane

Concen: 49.735 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027986.D

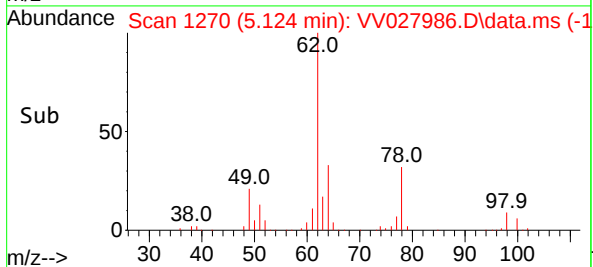
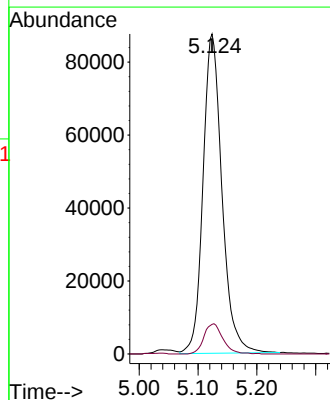
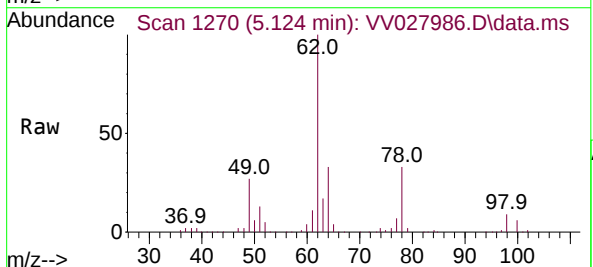
Acq: 21 Sep 2022 01:01

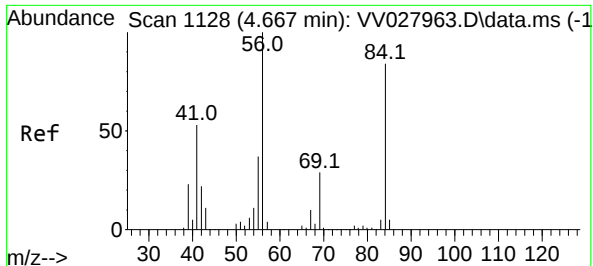
Tgt Ion: 62 Resp: 195883

Ion Ratio Lower Upper

62 100

98 9.3 7.6 11.4





#29

Cyclohexane

Concen: 46.988 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050343

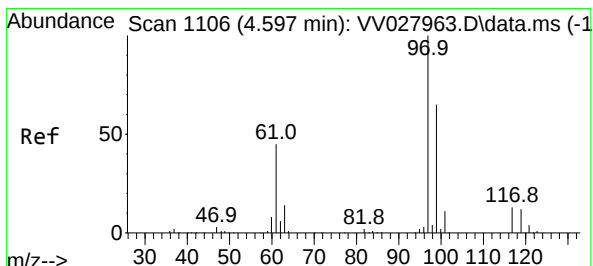
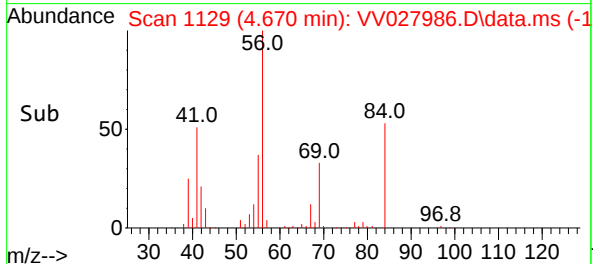
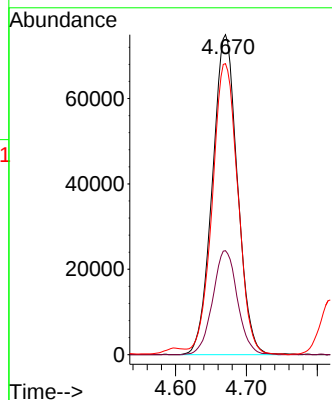
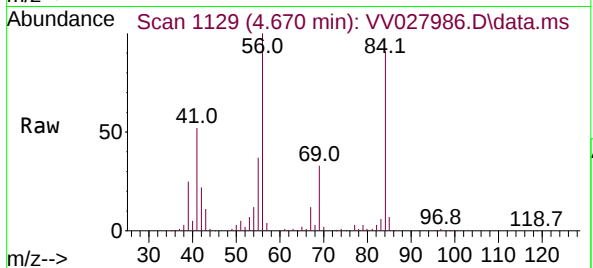
Tgt Ion: 56 Resp: 183818

Ion Ratio Lower Upper

56 100

69 32.0 24.6 36.8

84 92.3 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 49.904 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

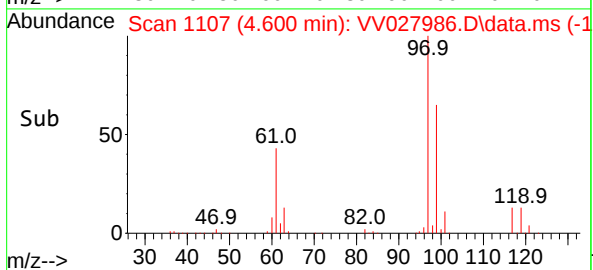
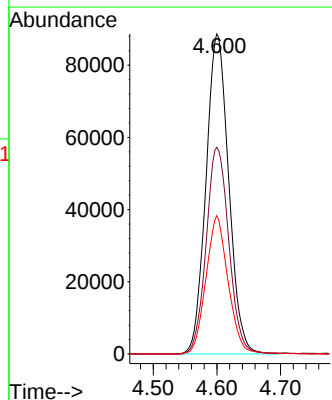
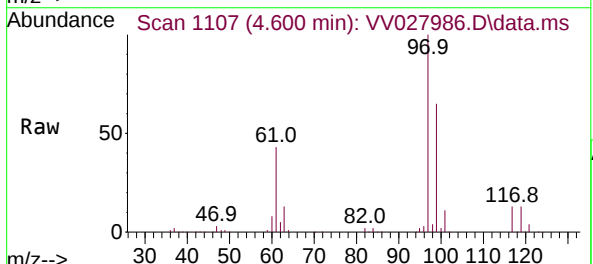
Tgt Ion: 97 Resp: 220152

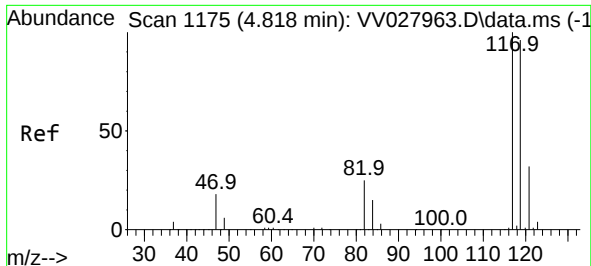
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 42.1 35.2 52.8

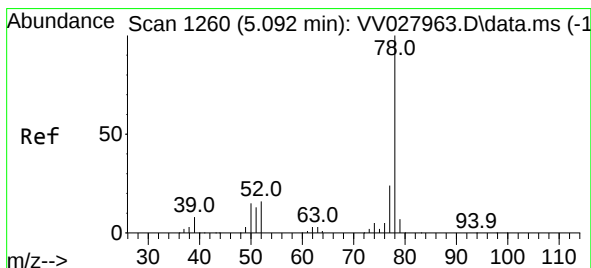
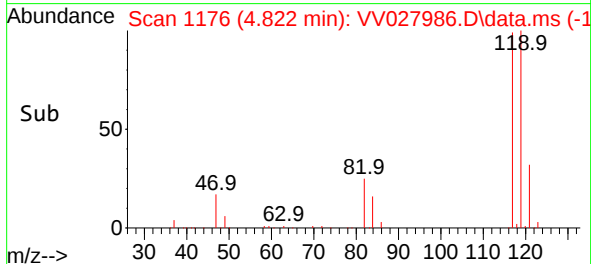
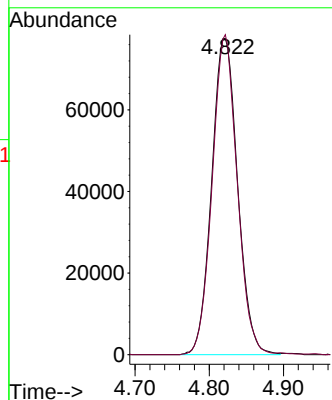
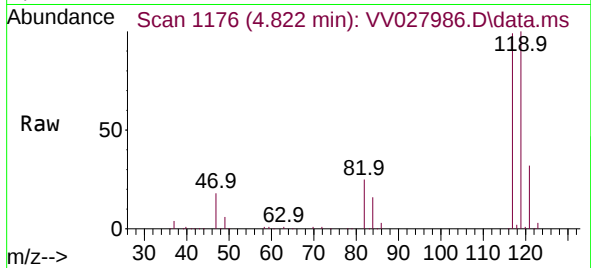




#31
Carbon tetrachloride
Concen: 48.124 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

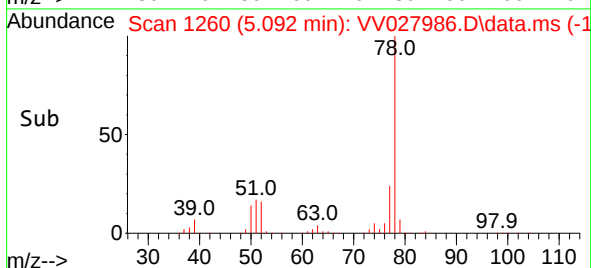
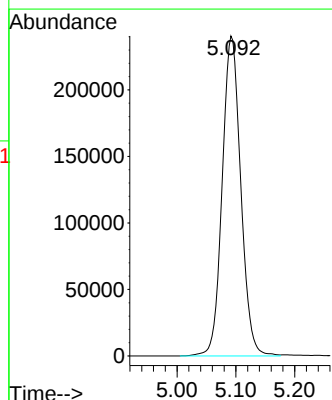
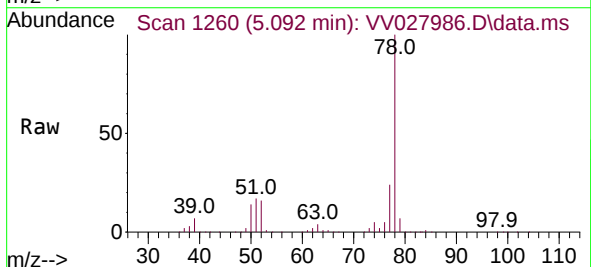
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

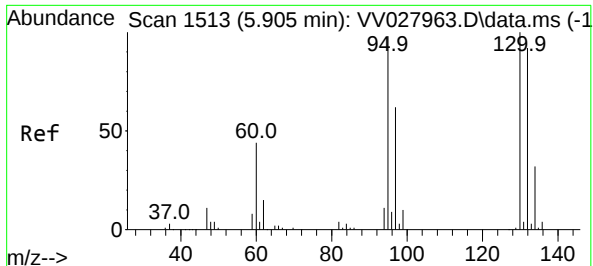
Tgt Ion:117 Resp: 188534
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4



#33
Benzene
Concen: 49.292 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 78 Resp: 527001



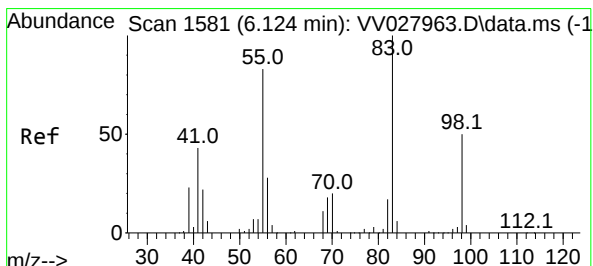
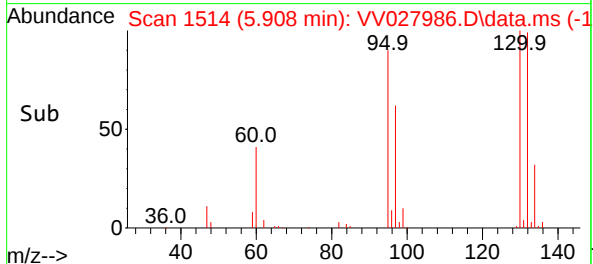
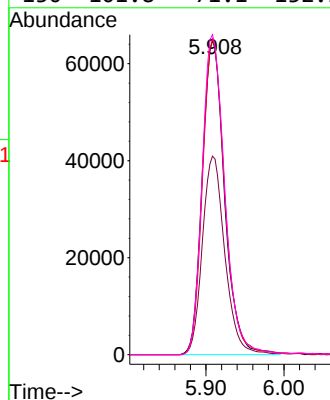
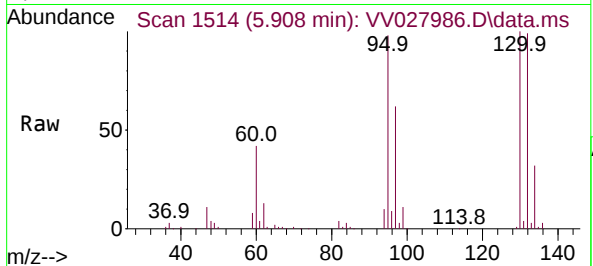


#34
Trichloroethene
Concen: 48.705 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

Tgt Ion: 95 Resp: 129038

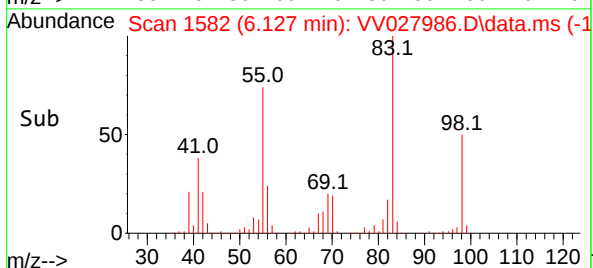
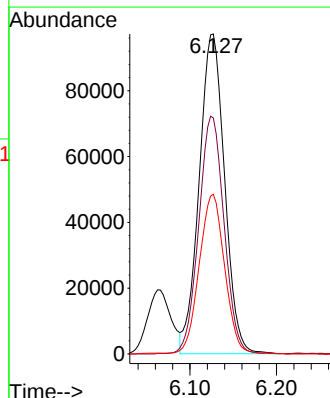
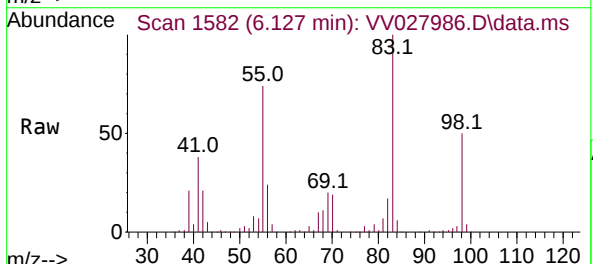
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.4	84.2
132	100.5	69.2	128.6
130	101.8	71.1	132.1

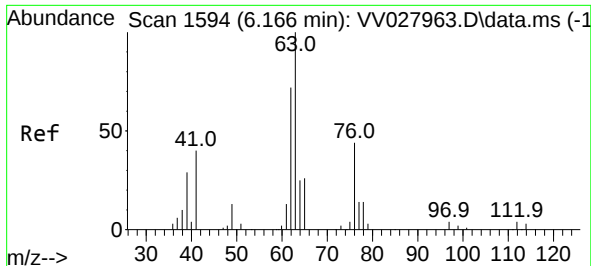


#35
Methylcyclohexane
Concen: 46.378 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 83 Resp: 198318

Ion	Ratio	Lower	Upper
83	100		
55	74.0	63.0	94.4
98	49.9	39.5	59.3





#37

1,2-Dichloropropane

Concen: 47.034 ug/L

RT: 6.169 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

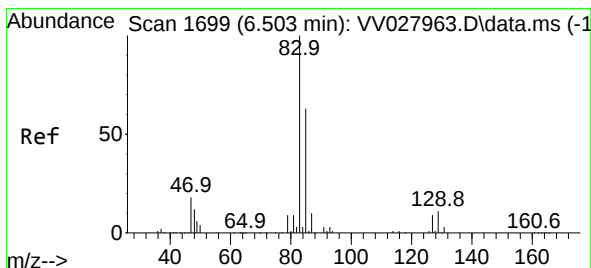
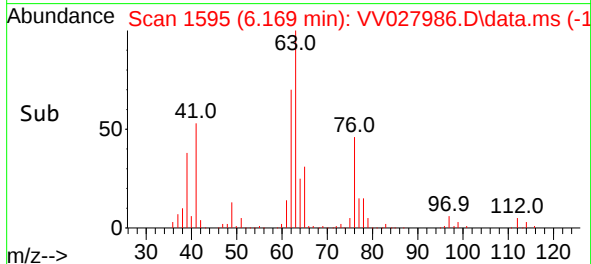
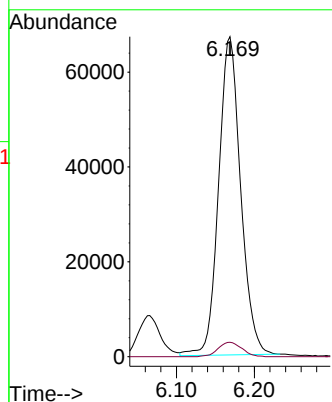
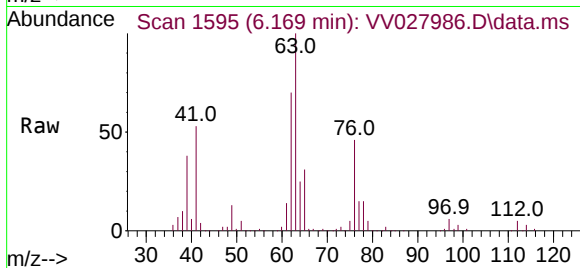
VSTD050343

Tgt Ion: 63 Resp: 131910

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.0



#38

Bromodichloromethane

Concen: 46.737 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

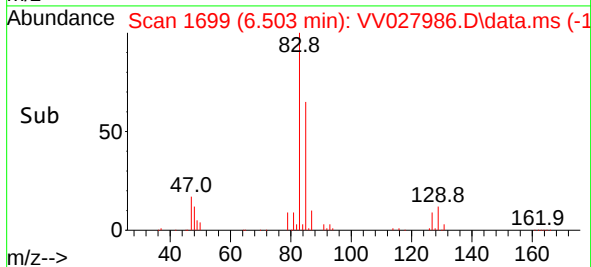
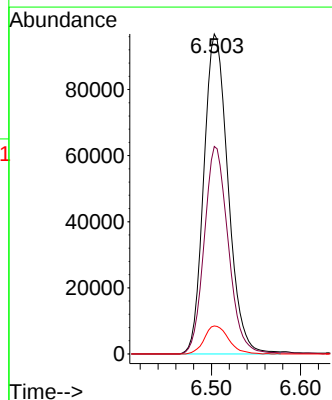
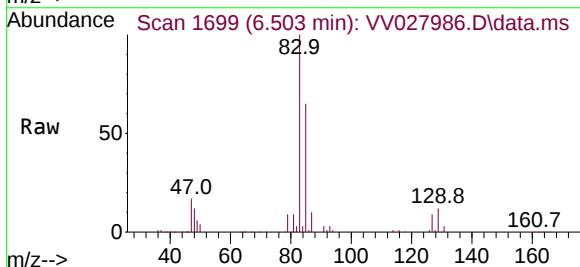
Tgt Ion: 83 Resp: 183029

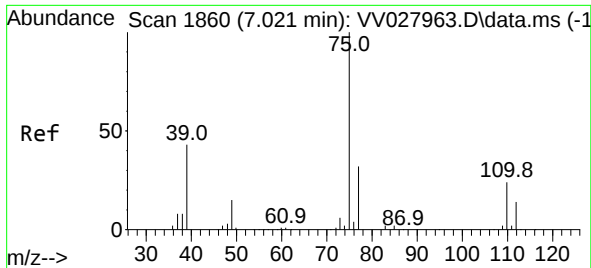
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.0

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 45.147 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

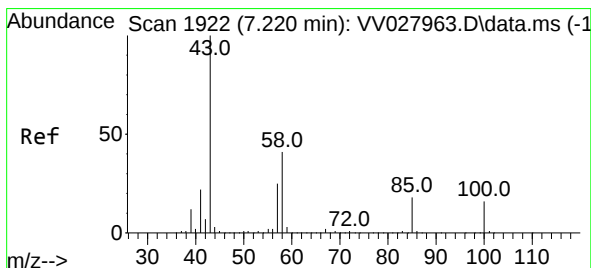
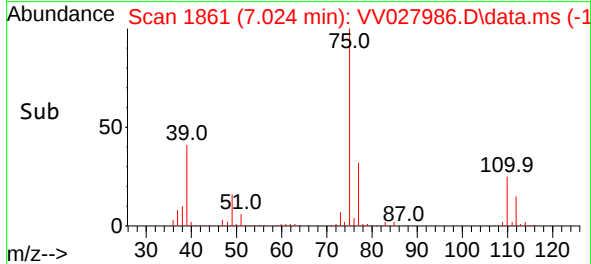
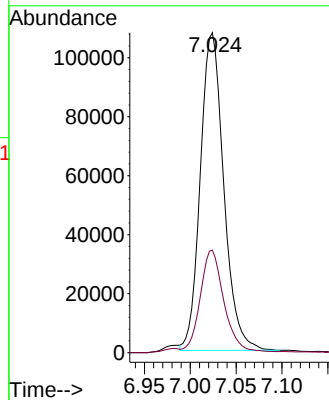
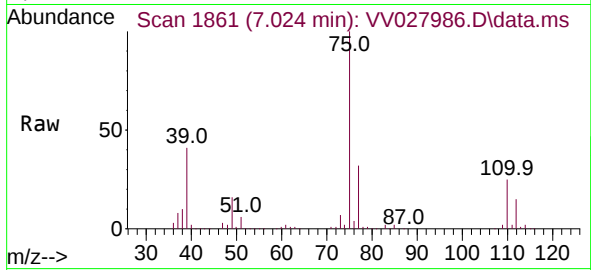
VSTD050343

Tgt Ion: 75 Resp: 191737

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 104.336 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

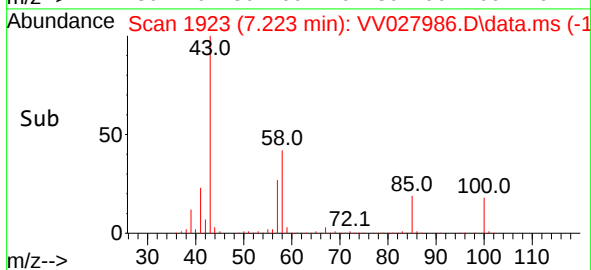
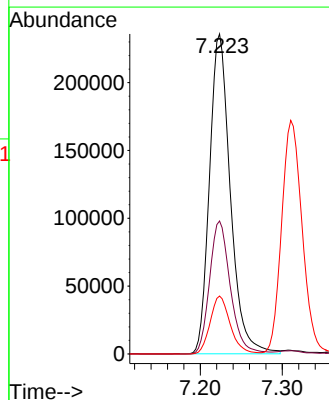
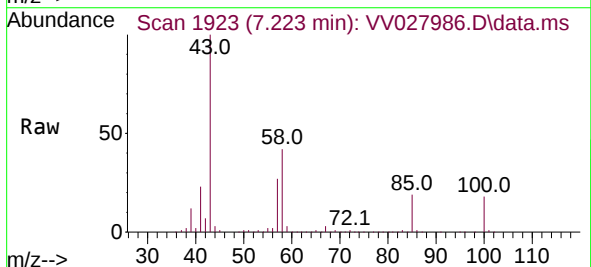
Tgt Ion: 43 Resp: 417344

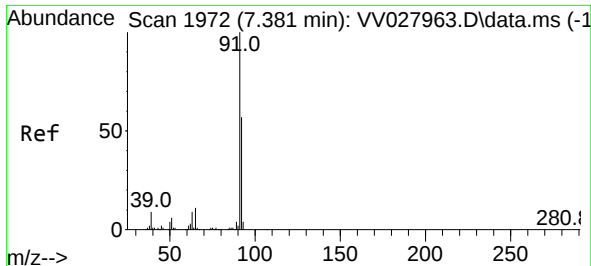
Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.4

100 17.5 13.3 19.9





#42

Toluene

Concen: 50.497 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

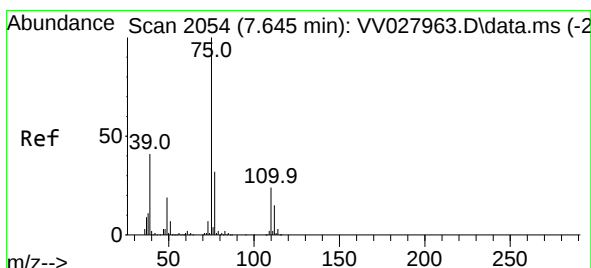
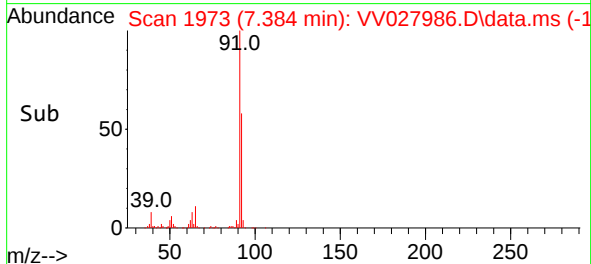
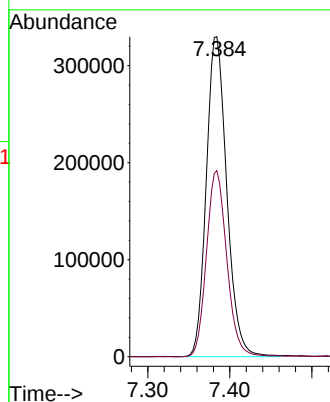
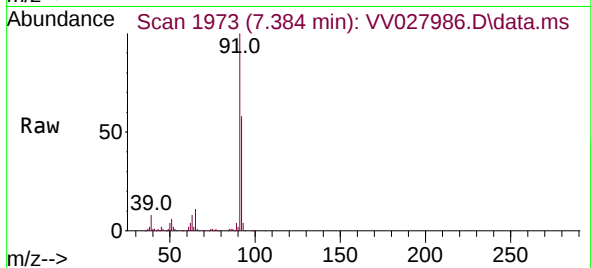
VSTD050343

Tgt Ion: 91 Resp: 572111

Ion Ratio Lower Upper

91 100

92 58.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 50.178 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV027986.D

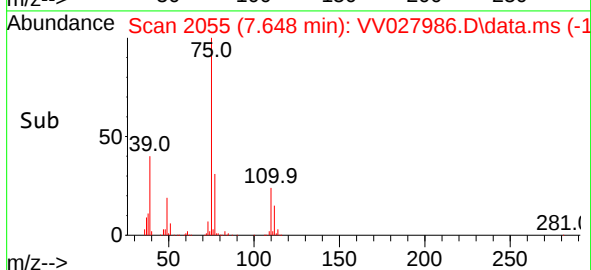
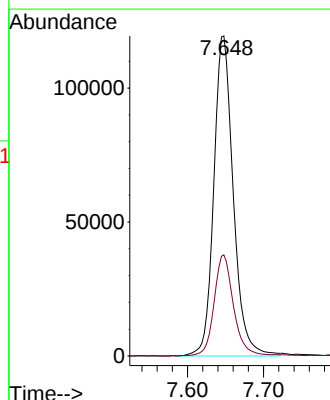
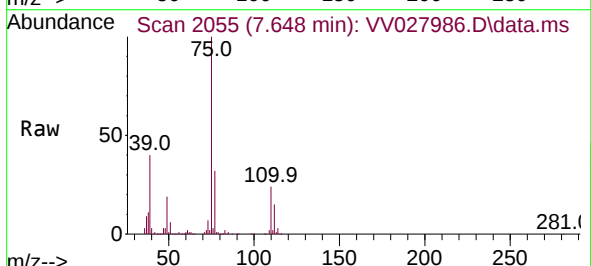
Acq: 21 Sep 2022 01:01

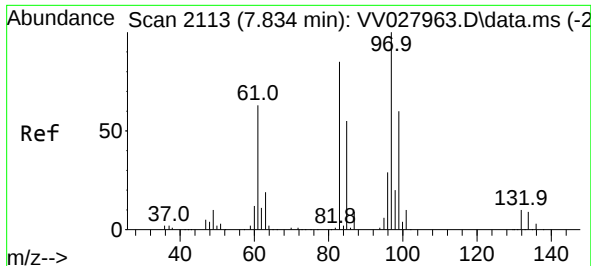
Tgt Ion: 75 Resp: 212594

Ion Ratio Lower Upper

75 100

77 31.6 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 51.492 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050343

Tgt Ion: 97 Resp: 145686

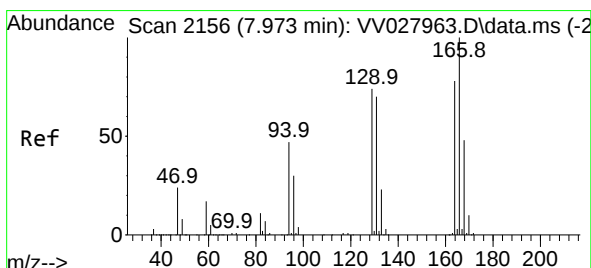
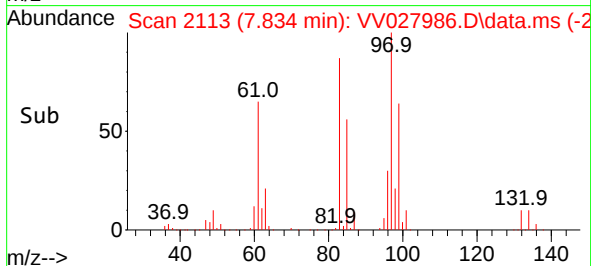
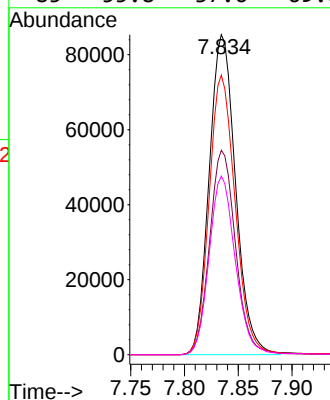
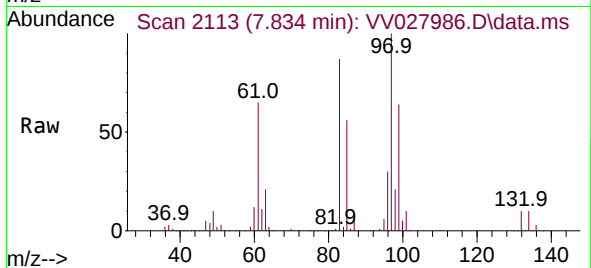
Ion Ratio Lower Upper

97 100

99 63.9 43.8 81.3

83 87.3 58.7 109.1

85 55.8 37.6 69.8



#46

Tetrachloroethene

Concen: 48.396 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Tgt Ion:164 Resp: 106678

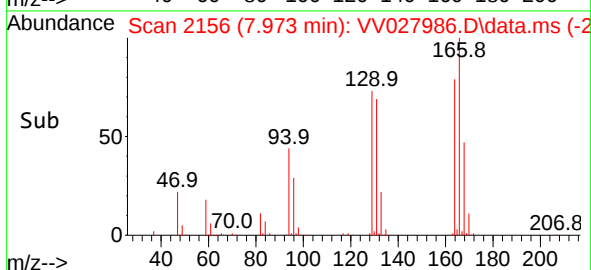
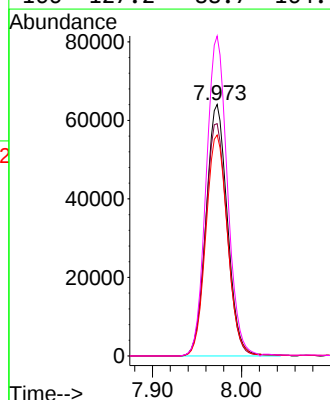
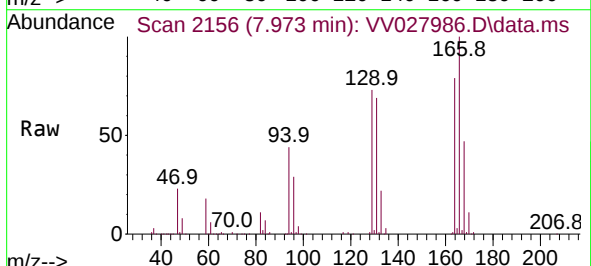
Ion Ratio Lower Upper

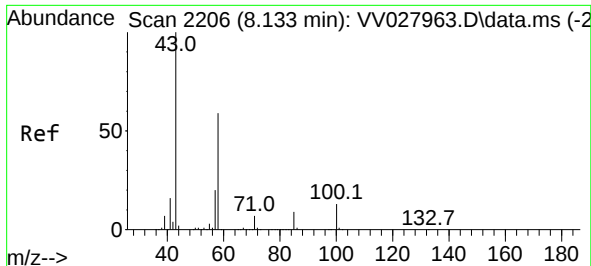
164 100

129 92.4 64.3 119.3

131 87.9 62.6 116.2

166 127.2 88.7 164.7

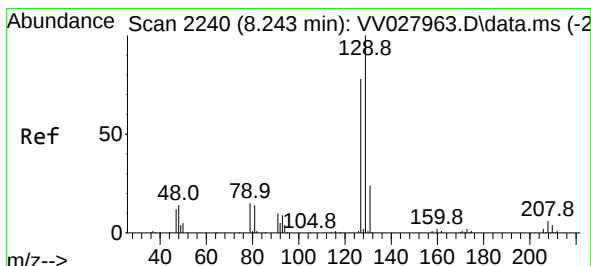
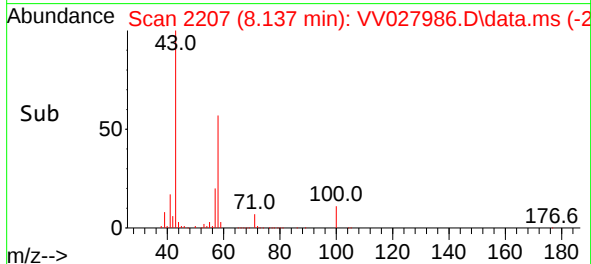
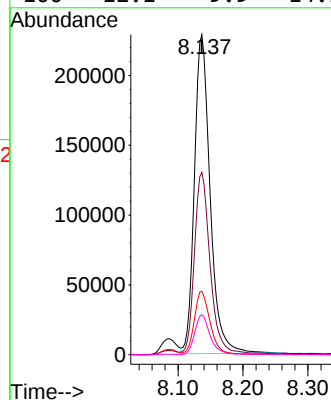
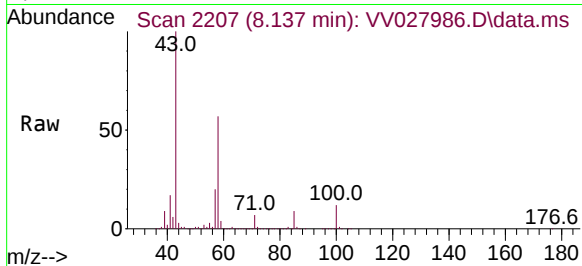




#48
2-Hexanone
Concen: 119.084 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

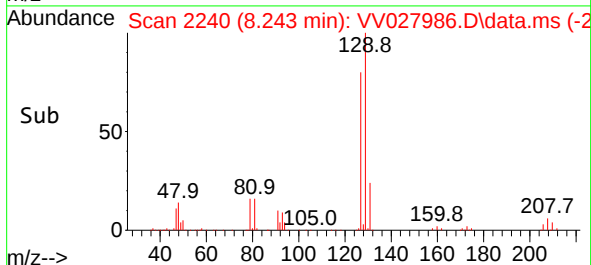
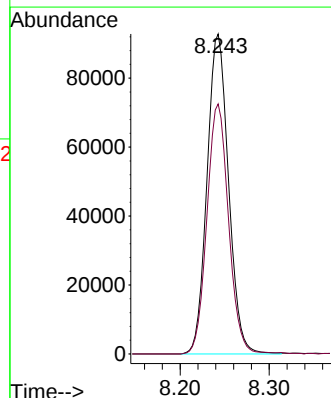
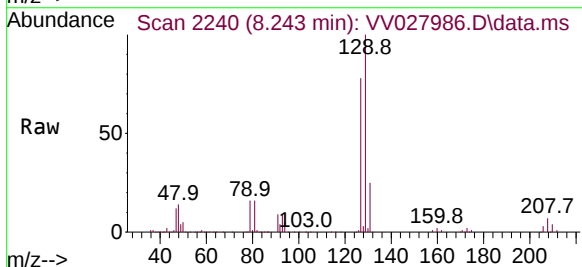
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

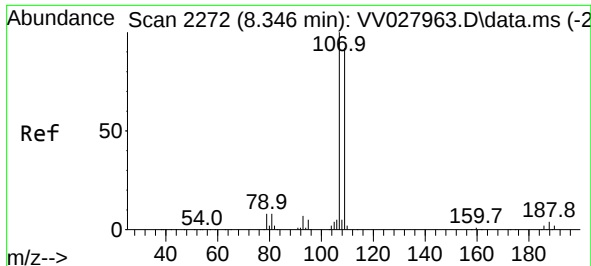
Tgt Ion: 43 Resp: 386449
Ion Ratio Lower Upper
43 100
58 56.0 45.6 68.4
57 20.2 15.0 22.6
100 12.1 9.9 14.9



#49
Dibromochloromethane
Concen: 49.761 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 129 Resp: 155421
Ion Ratio Lower Upper
129 100
127 78.2 56.3 104.5





#50

1,2-Dibromoethane

Concen: 51.187 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050343

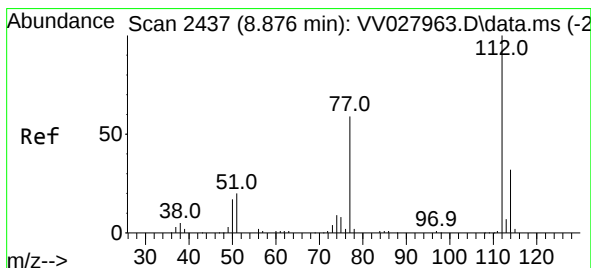
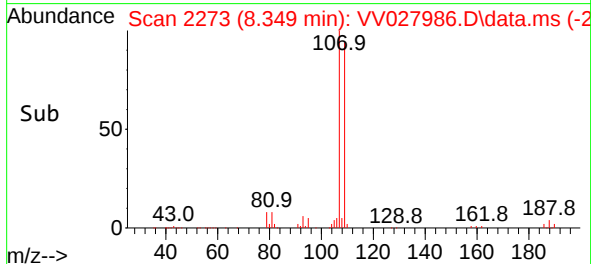
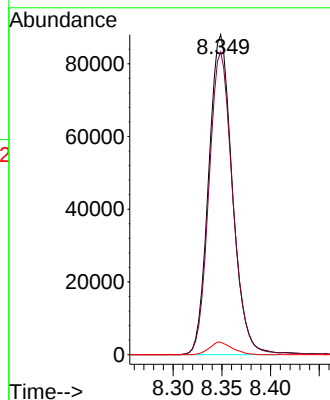
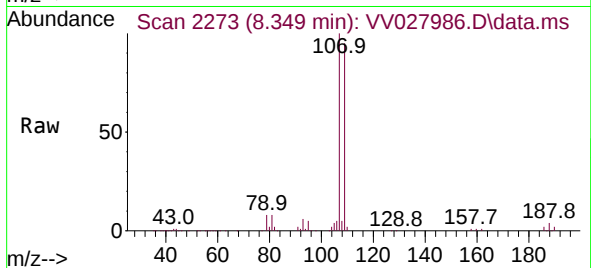
Tgt Ion:107 Resp: 148521

Ion Ratio Lower Upper

107 100

109 94.6 64.4 119.6

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 49.317 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

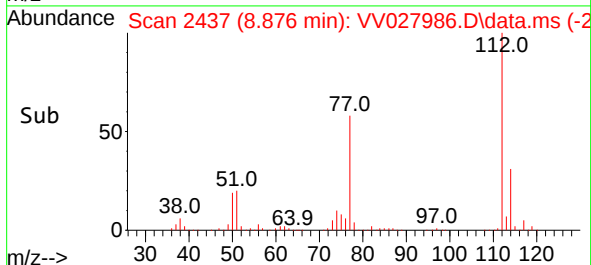
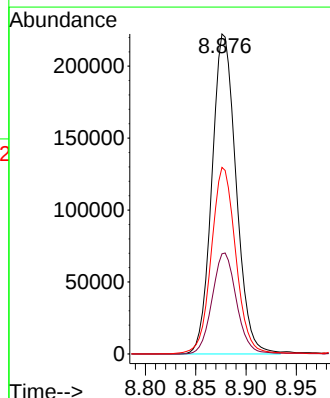
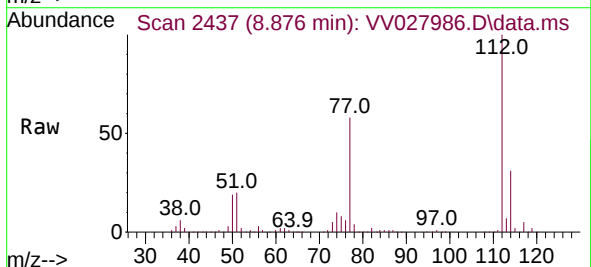
Tgt Ion:112 Resp: 372996

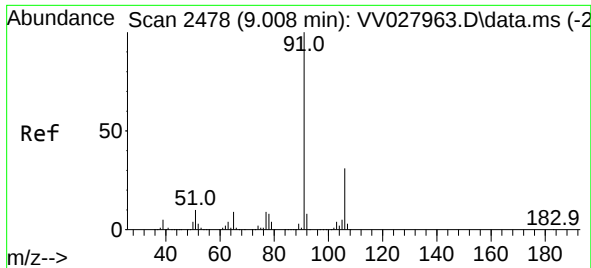
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 58.3 46.8 70.2

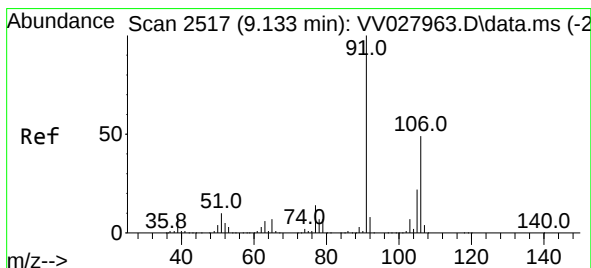
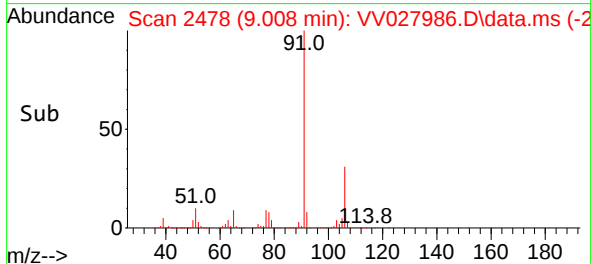
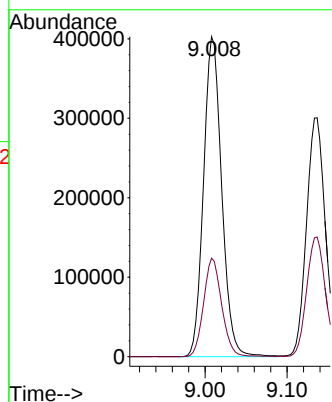
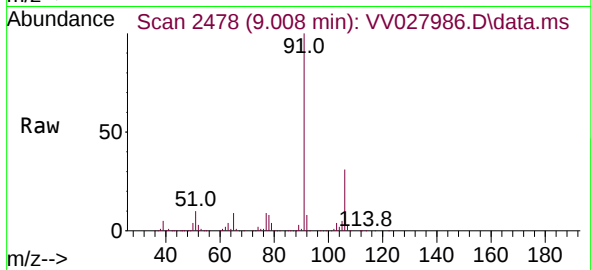




#52
Ethylbenzene
Concen: 50.638 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

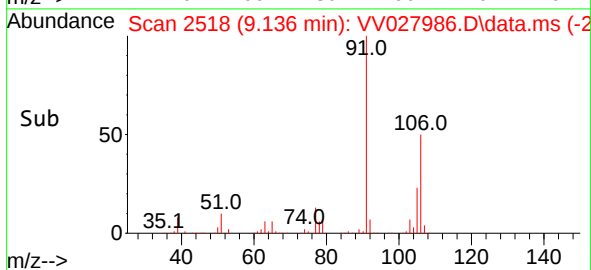
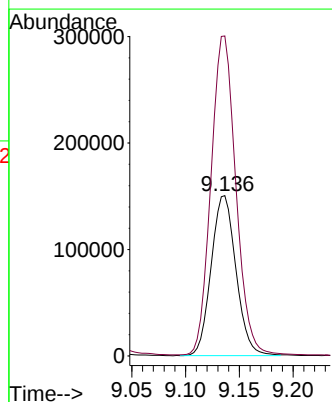
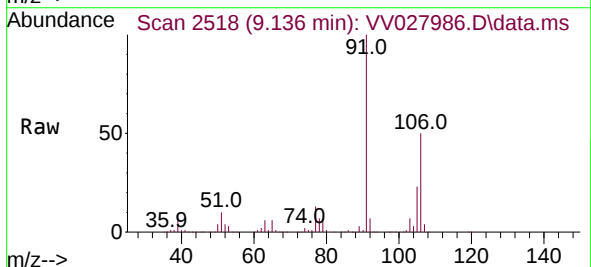
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

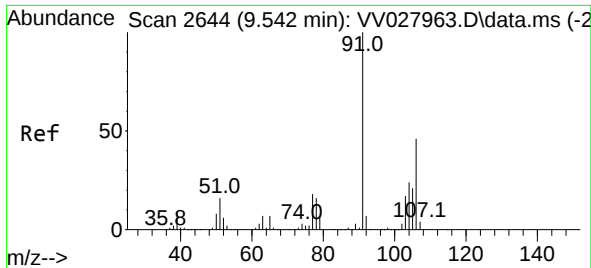
Tgt Ion: 91 Resp: 619351
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6



#53
m,p-Xylene
Concen: 51.501 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 106 Resp: 241516
Ion Ratio Lower Upper
106 100
91 199.5 139.8 259.6

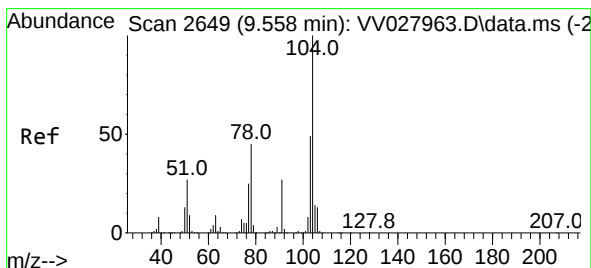
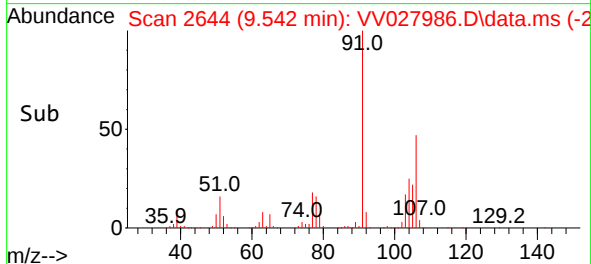
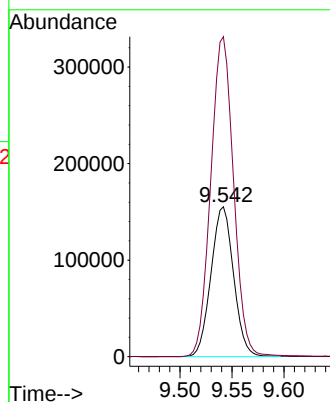
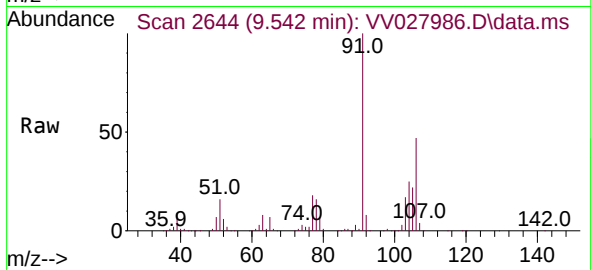




#54
o-Xylene
Concen: 51.984 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

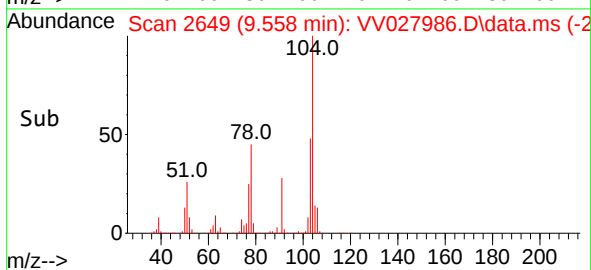
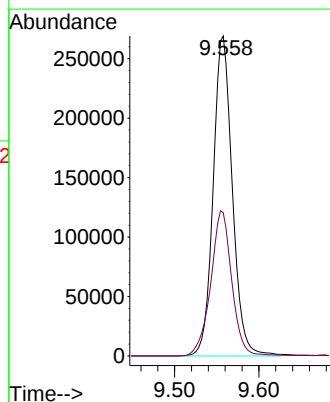
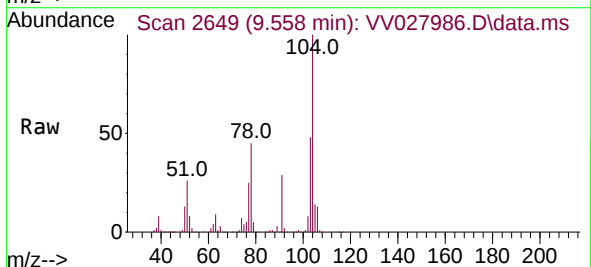
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

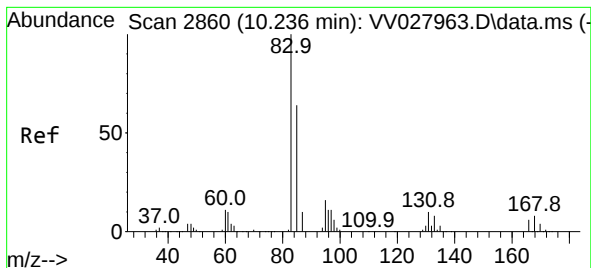
Tgt Ion:106 Resp: 235219
Ion Ratio Lower Upper
106 100
91 213.4 151.1 280.5



#55
Styrene
Concen: 52.972 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion:104 Resp: 425317
Ion Ratio Lower Upper
104 100
78 44.8 31.1 57.7

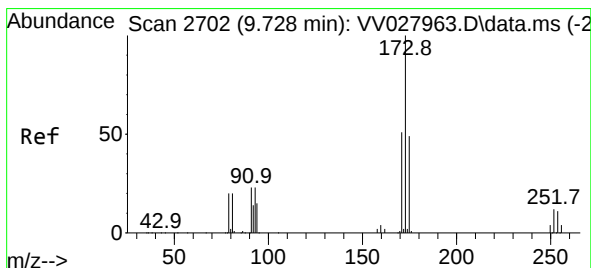
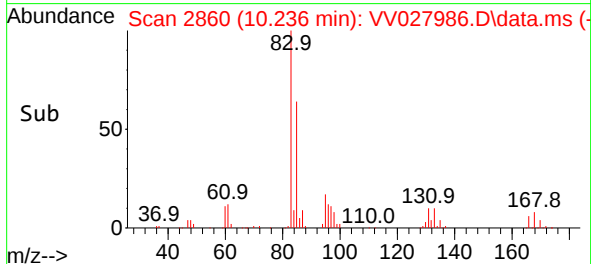
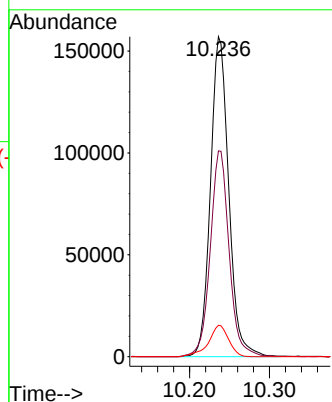
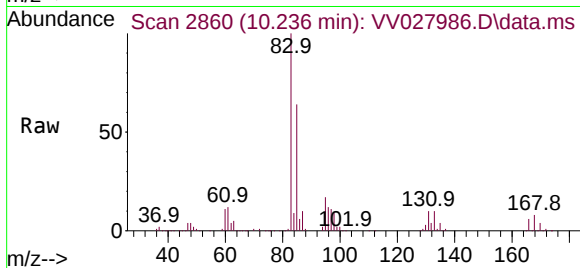




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.471 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.000 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

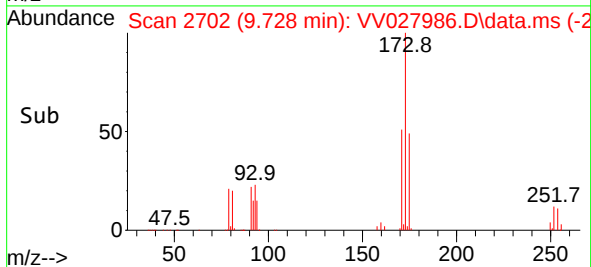
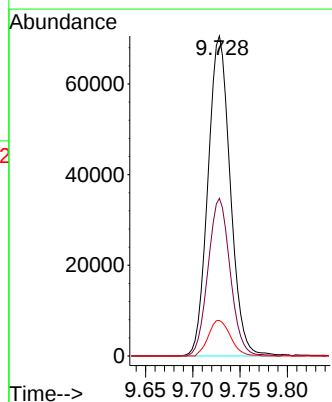
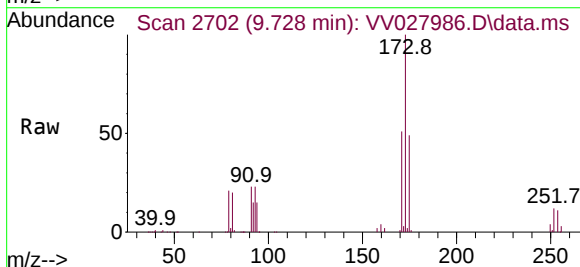
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

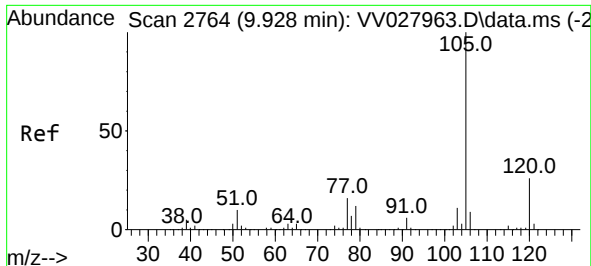
Tgt Ion: 83 Resp: 249002
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.1 83.9
 131 9.8 7.7 11.5



#59
 Bromoform
 Concen: 51.328 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027986.D
 Acq: 21 Sep 2022 01:01

Tgt Ion: 173 Resp: 115946
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.7 59.5
 254 11.0 7.4 11.2

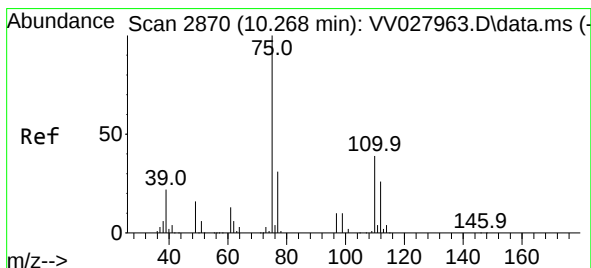
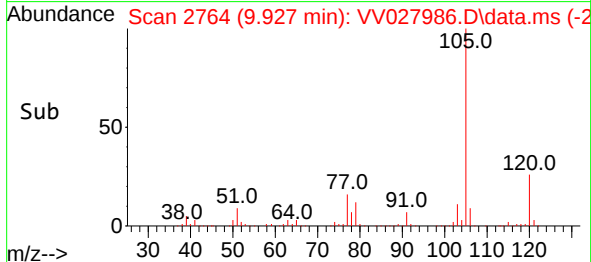
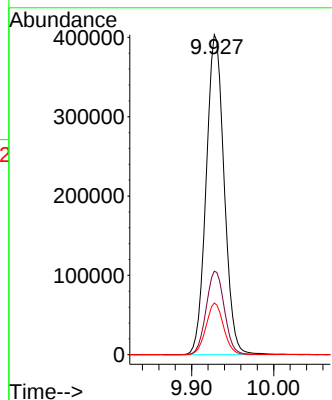
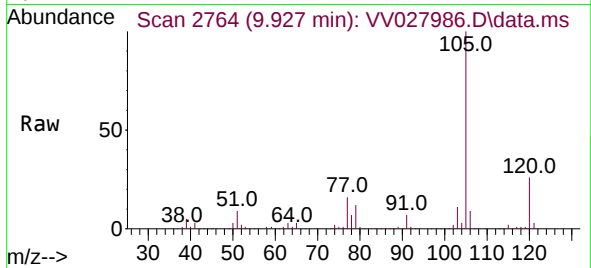




#60
Isopropylbenzene
Concen: 53.294 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

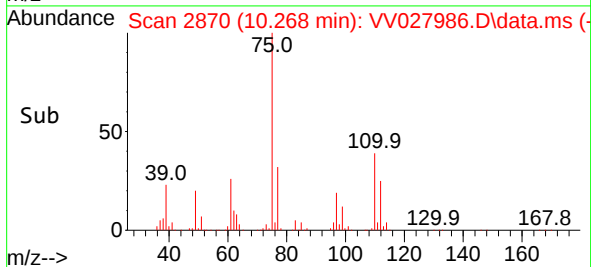
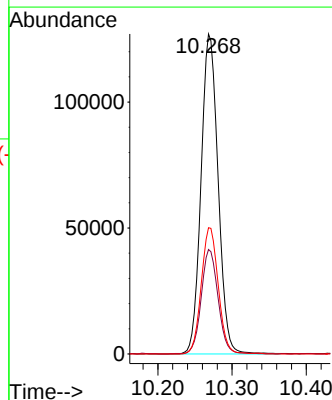
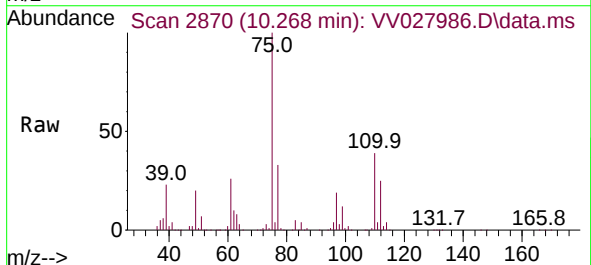
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

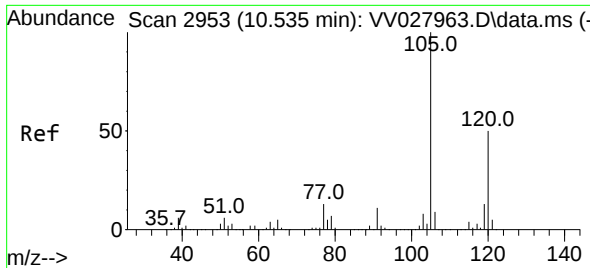
Tgt Ion:105 Resp: 615281
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 55.286 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 75 Resp: 202583
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 39.1 31.1 46.7

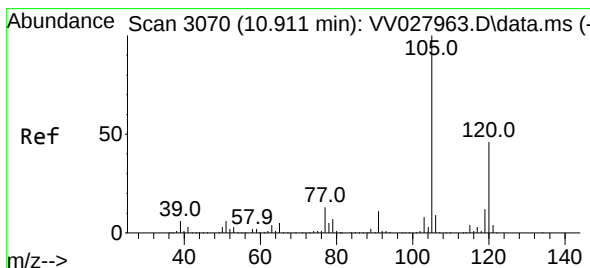
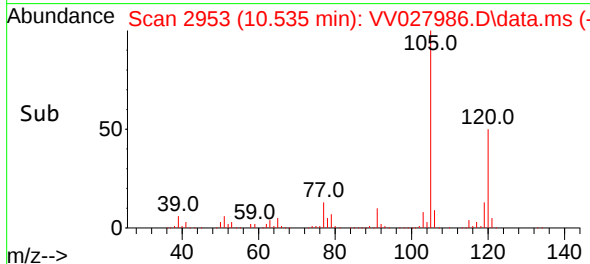
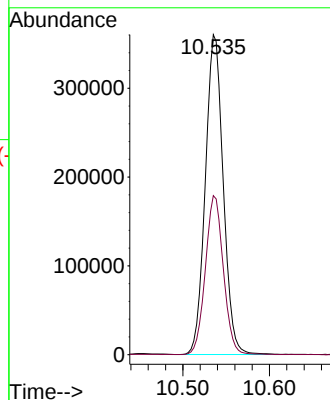
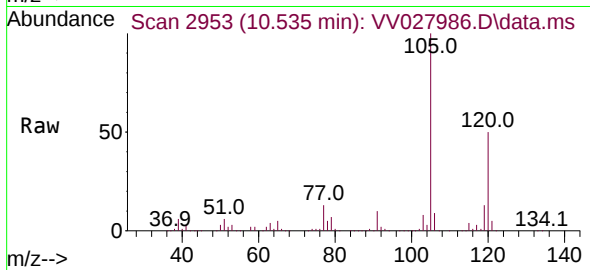




#62
1,3,5-Trimethylbenzene
Concen: 52.428 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

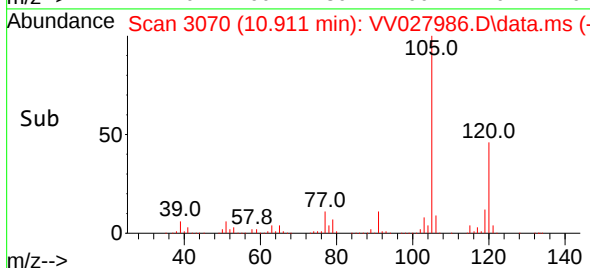
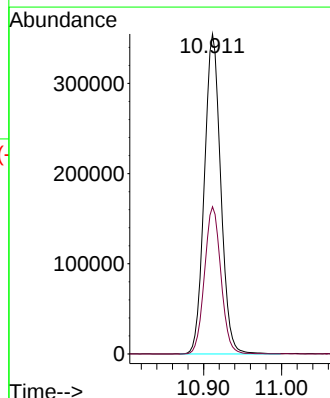
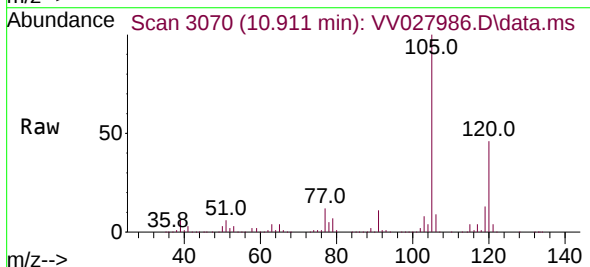
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

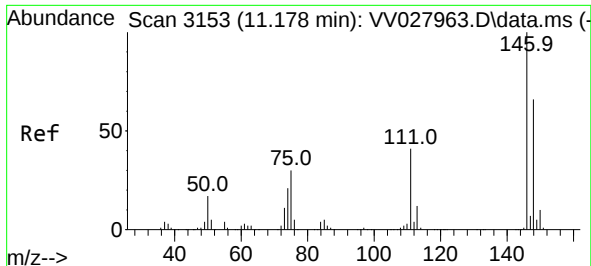
Tgt Ion:105 Resp: 517609
Ion Ratio Lower Upper
105 100
120 49.9 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 52.621 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion:105 Resp: 518099
Ion Ratio Lower Upper
105 100
120 46.2 36.3 54.5

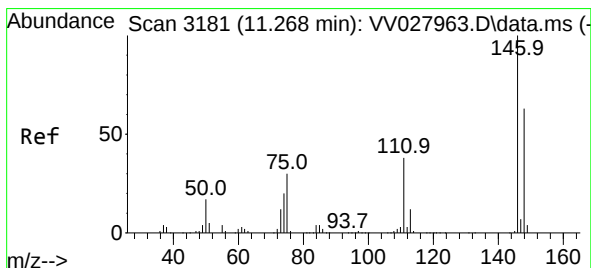
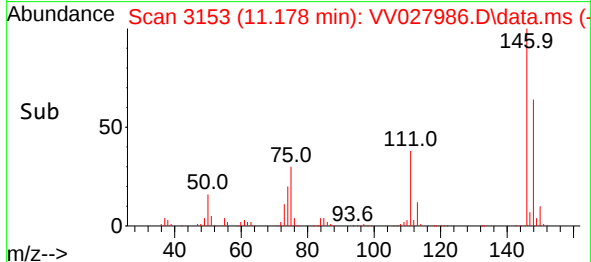
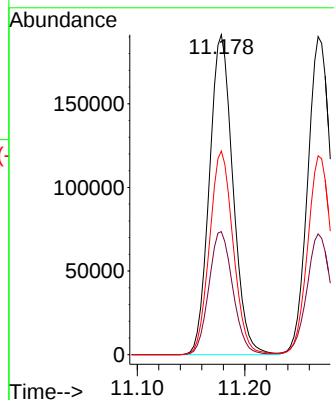
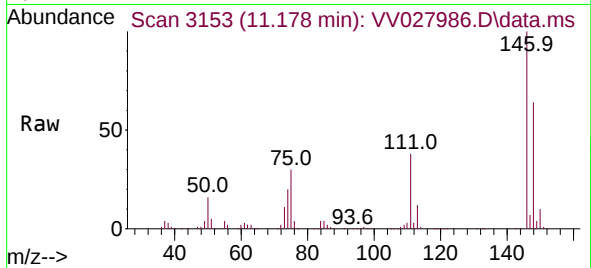




#64
1,3-Dichlorobenzene
Concen: 49.500 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

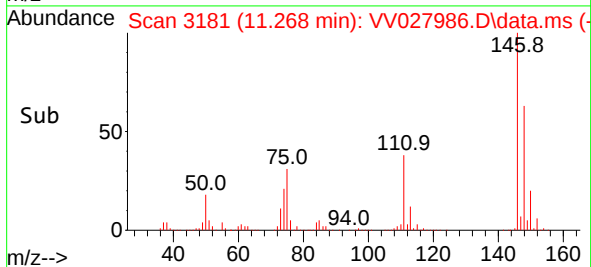
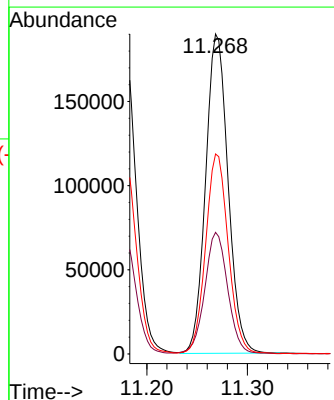
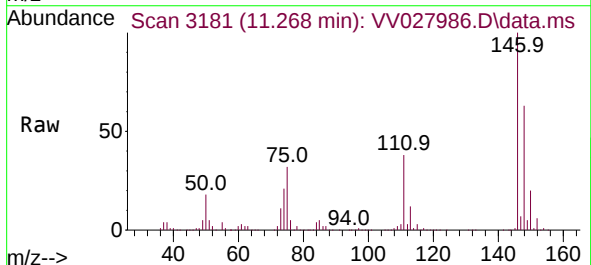
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

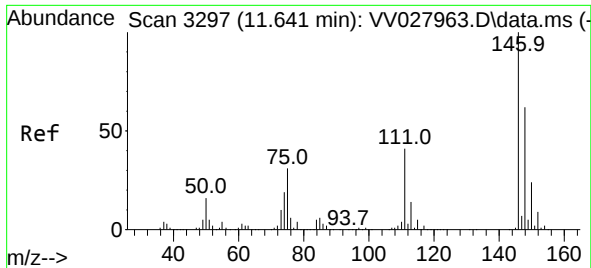
Tgt Ion:146 Resp: 291272
Ion Ratio Lower Upper
146 100
111 38.5 28.2 52.4
148 63.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 48.810 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion:146 Resp: 294260
Ion Ratio Lower Upper
146 100
111 38.0 26.0 48.2
148 62.5 43.9 81.5

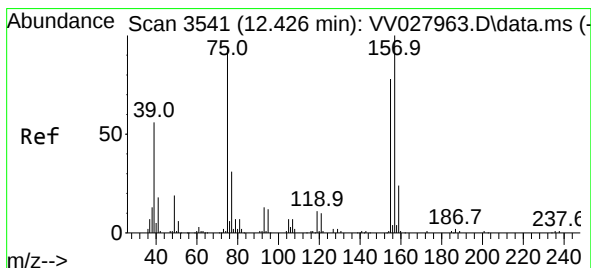
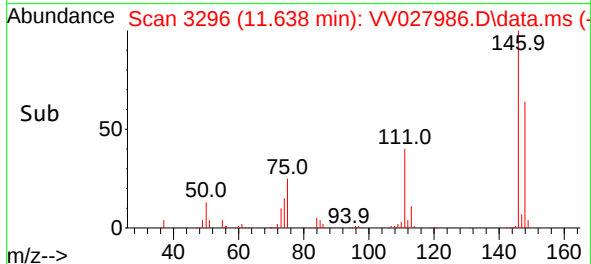
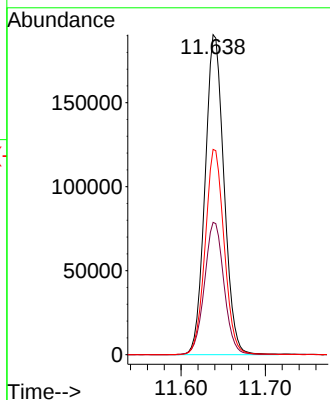
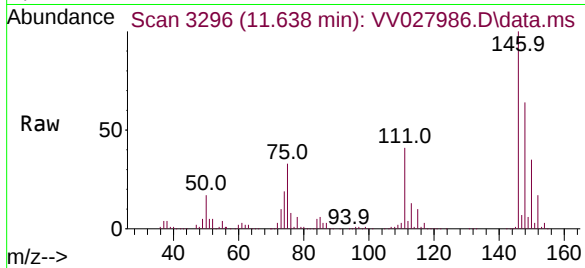




#67
1,2-Dichlorobenzene
Concen: 49.897 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

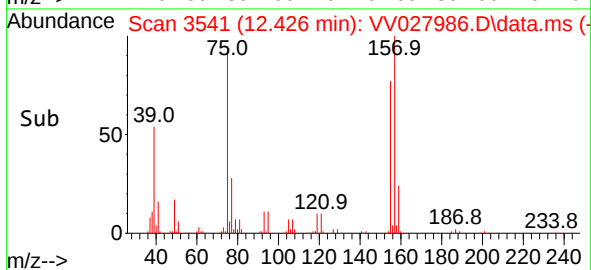
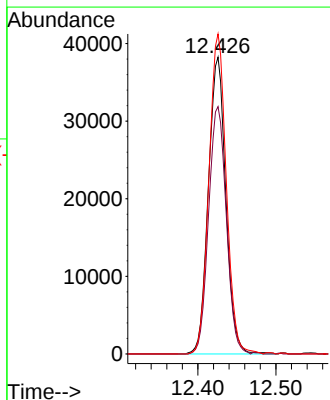
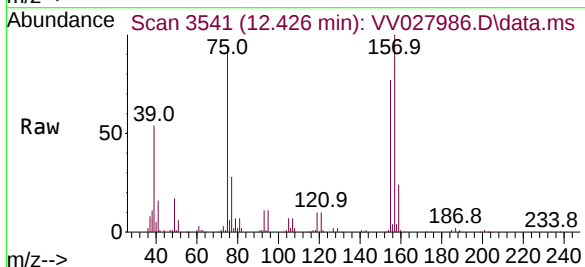
Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

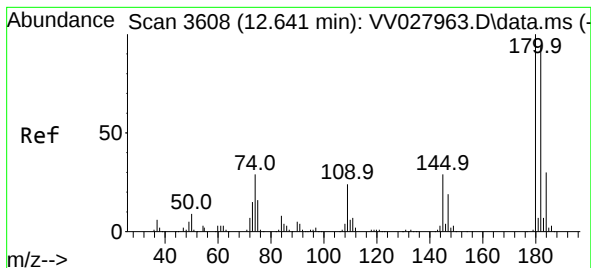
Tgt Ion:146 Resp: 298344
Ion Ratio Lower Upper
146 100
111 41.4 32.3 48.5
148 64.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 52.892 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion: 75 Resp: 59556
Ion Ratio Lower Upper
75 100
155 83.3 68.3 102.5
157 107.8 86.2 129.2





#69

1,3,5-Trichlorobenzene

Concen: 46.877 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050343

Tgt Ion:180 Resp: 216303

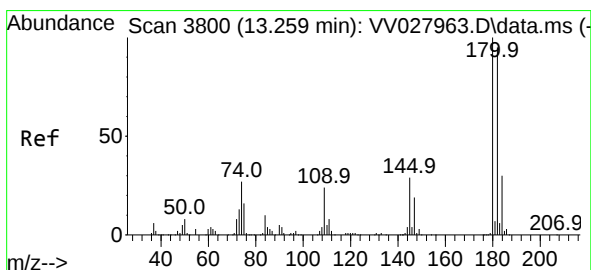
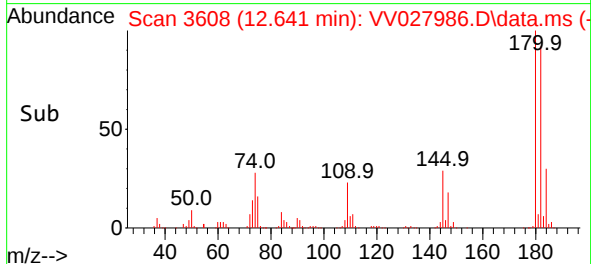
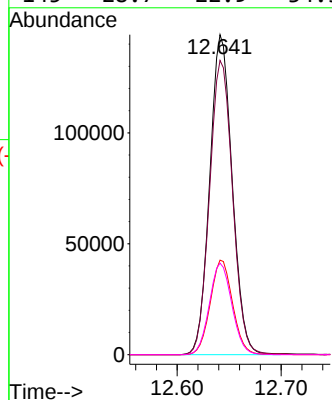
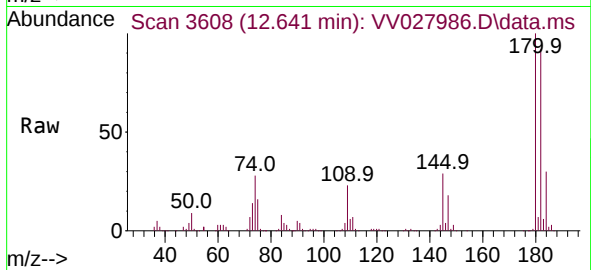
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

184 29.4 24.2 36.2

145 28.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 44.978 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027986.D

Acq: 21 Sep 2022 01:01

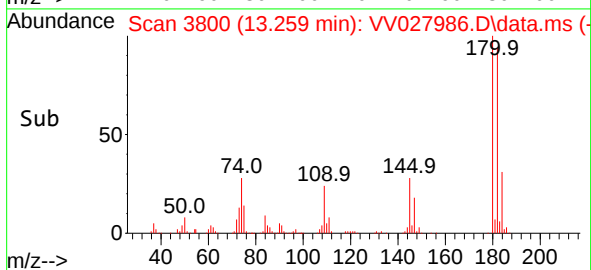
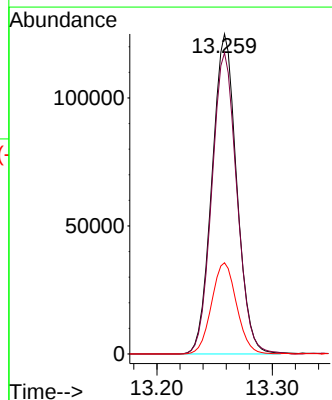
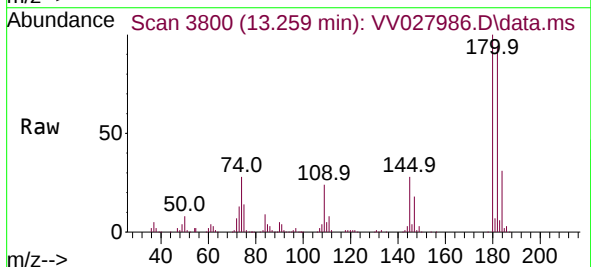
Tgt Ion:180 Resp: 185986

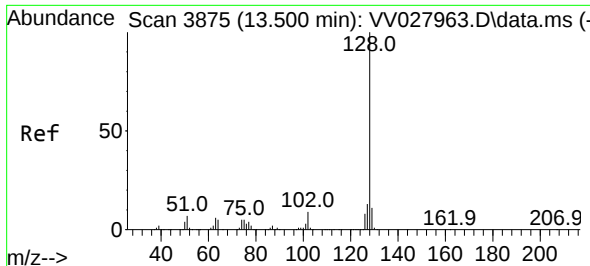
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

145 28.8 22.8 34.2

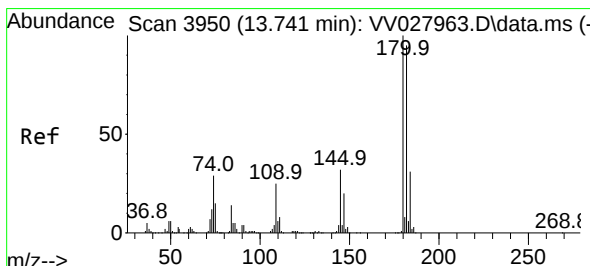
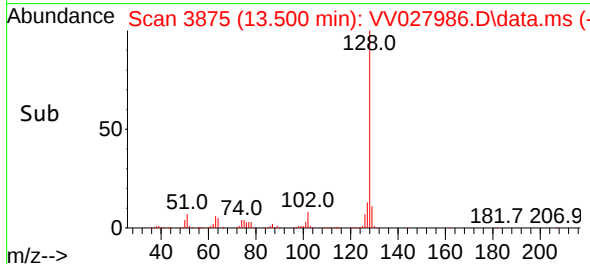
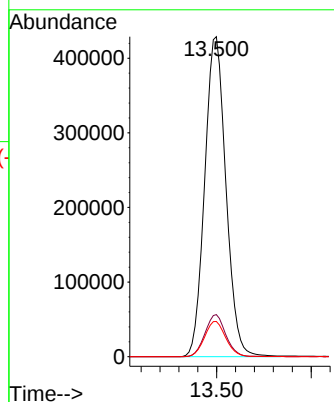
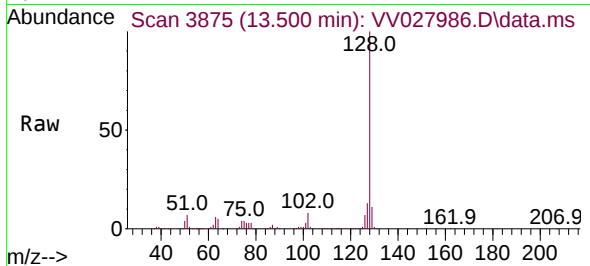




#71
Naphthalene
Concen: 50.392 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050343

Tgt Ion:128 Resp: 668972
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 48.787 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027986.D
Acq: 21 Sep 2022 01:01

Tgt Ion:180 Resp: 208357
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.4
145 31.0 25.1 37.7

