

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023027.D
 Acq On : 26 Oct 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Oct 27 01:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133242	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51537	4.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.565	69	35397	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.105	63	68248	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.905	46	94755	50.734	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.346	84	98672	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.031	65	47485	5.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.047	84	204950	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.069	67	61682	5.287	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.314	98	195582	5.746	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	7.622	79	23886	5.844	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.800%
46) 2-Hexanone-d5	8.092	63	98255	64.930	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47245	5.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	69740	5.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42204	4.993	ug/L	98
3) Chloromethane	1.240	50	46562	5.096	ug/L	97
5) Vinyl chloride	1.307	62	46690	4.948	ug/L	100
6) Bromomethane	1.520	94	24584	5.156	ug/L	95
8) Chloroethane	1.584	64	25182	5.103	ug/L	100
9) Trichlorofluoromethane	1.751	101	65743	5.162	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	32273	4.444	ug/L	97
12) 1,1-Dichloroethene	2.114	96	28419	4.166	ug/L	99
13) Acetone	2.192	43	35565	38.812	ug/L	98
14) Carbon disulfide	2.288	76	83044	4.470	ug/L	100
15) Methyl Acetate	2.436	43	14795	4.244	ug/L #	88
16) Methylene chloride	2.500	84	37615	5.020	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	99865	6.132	ug/L	94
18) trans-1,2-Dichloroethene	2.751	96	46999	6.453	ug/L	97
19) 1,1-Dichloroethane	3.185	63	86386	6.456	ug/L	99
21) 2-Butanone	3.995	43	82488	45.983	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	48001	5.813	ug/L #	93
23) Bromochloromethane	4.243	128	21921	5.848	ug/L	90
25) Chloroform	4.372	83	94908	5.368	ug/L	98

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Quant Time: Oct 27 01:22:44 2021
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 Response via : Initial Calibration

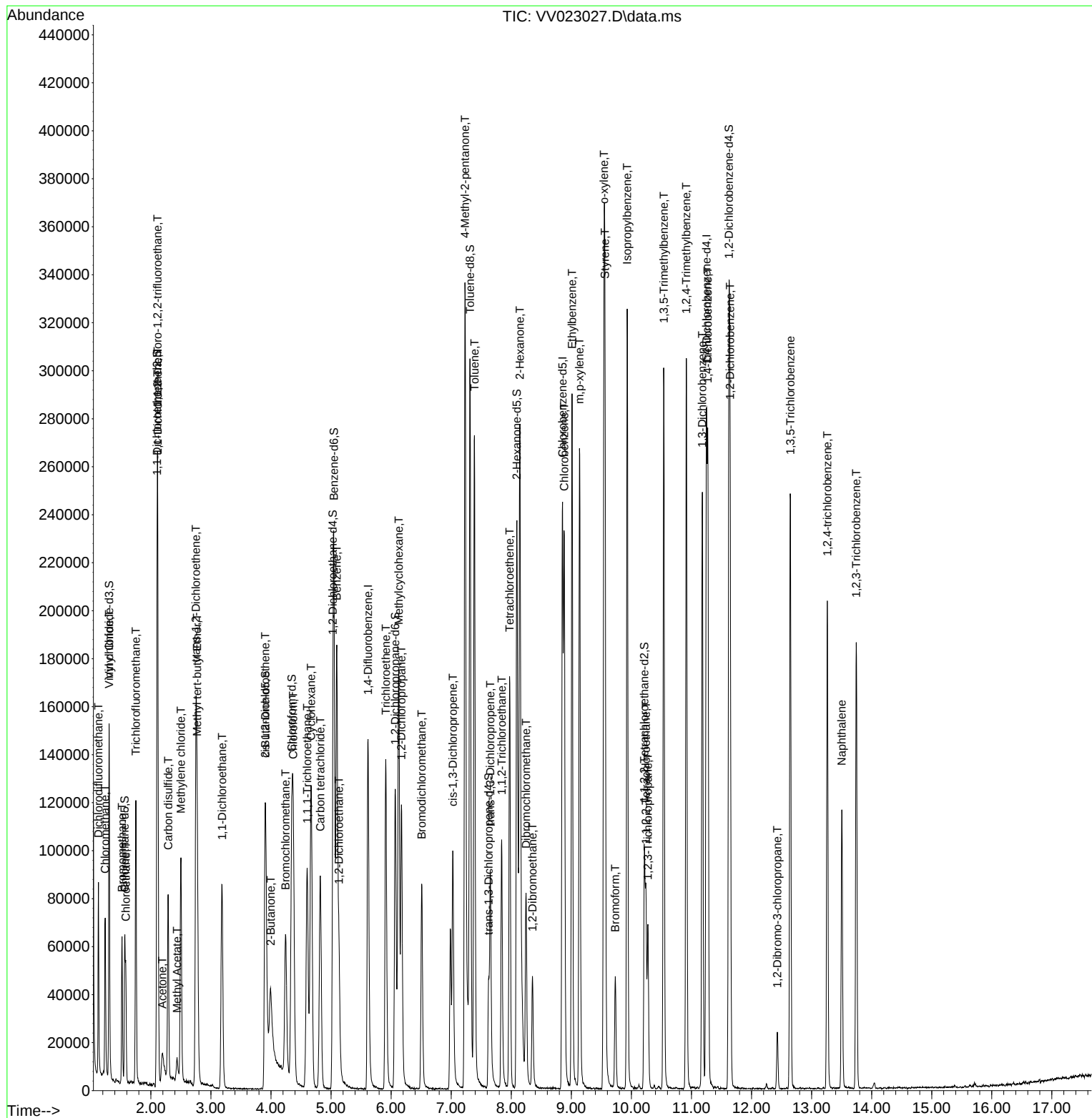
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42638	4.573	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	74247	5.062	ug/L	99
30) Cyclohexane	4.667	56	65999	5.154	ug/L	100
31) Carbon tetrachloride	4.822	117	66018	5.231	ug/L	98
33) Benzene	5.095	78	183433	5.251	ug/L	100
34) Trichloroethene	5.912	95	48429	5.519	ug/L	98
35) Methylcyclohexane	6.127	83	69023	5.493	ug/L	97
37) 1,2-Dichloropropane	6.172	63	45479	5.166	ug/L	99
38) Bromodichloromethane	6.510	83	57909	5.332	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	62885	5.736	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	259461	62.600	ug/L	98
42) Toluene	7.387	91	200417	5.662	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	52324	5.769	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33393	5.422	ug/L	98
47) Tetrachloroethene	7.973	164	40312	5.438	ug/L	96
48) 2-Hexanone	8.143	43	198118	64.392	ug/L	99
49) Dibromochloromethane	8.246	129	41109	5.610	ug/L	98
50) 1,2-Dibromoethane	8.352	107	31070	5.603	ug/L	99
51) Chlorobenzene	8.883	112	128151	5.511	ug/L	98
52) Ethylbenzene	9.011	91	195860	5.575	ug/L	99
53) m,p-xylene	9.137	106	77963	5.533	ug/L	100
54) o-xylene	9.545	106	73578	5.547	ug/L	97
55) Styrene	9.561	104	130910	5.715	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	37944	5.512	ug/L	97
59) Bromoform	9.731	173	21983	5.403	ug/L	98
60) Isopropylbenzene	9.931	105	200643	5.682	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	28583	5.816	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	154110	5.434	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	161240	5.696	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	102518	5.518	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	104422	5.532	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	98023	5.667	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5402	5.571	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.648	180	79279	5.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	61891	5.845	ug/L	99
71) Naphthalene	13.503	128	93583	5.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	57571	5.857	ug/L	99

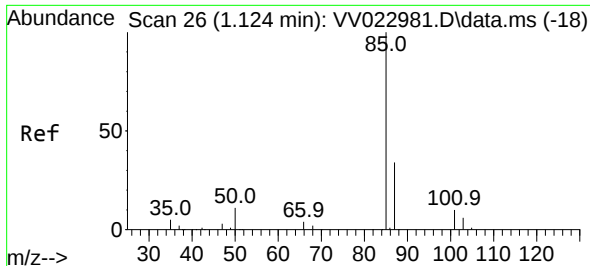
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 Data File : VV023027.D
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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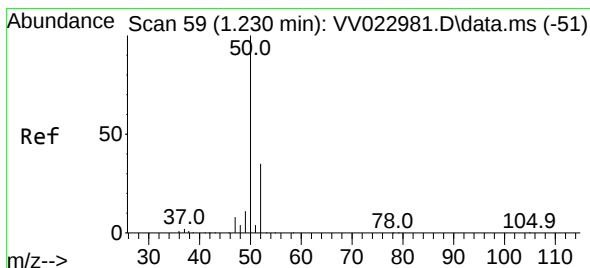
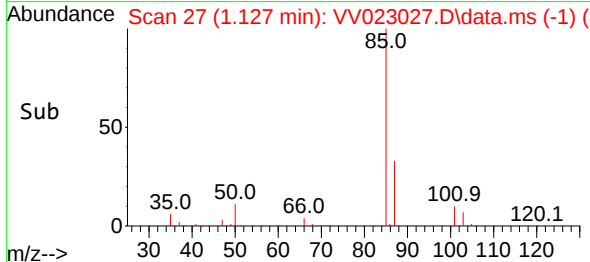
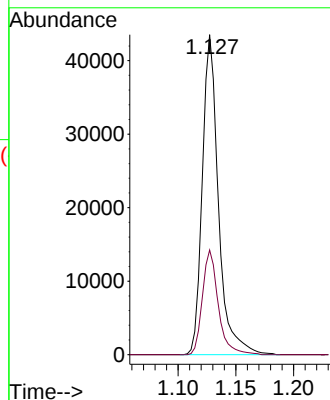
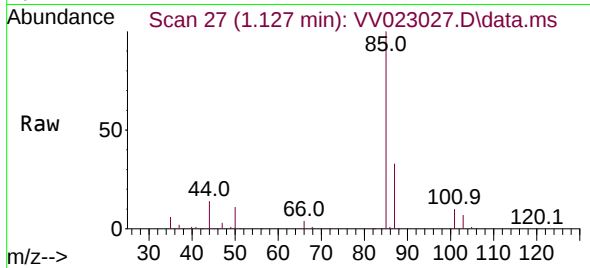




#2
 Dichlorodifluoromethane
 Concen: 4.993 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

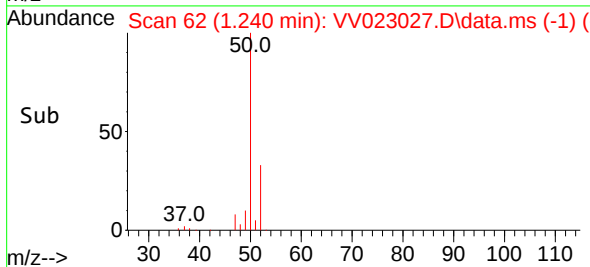
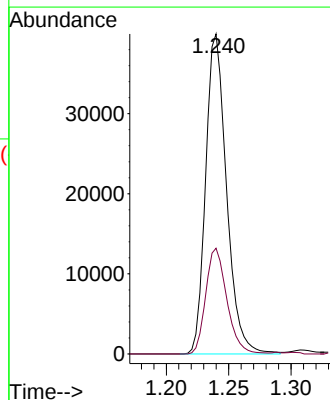
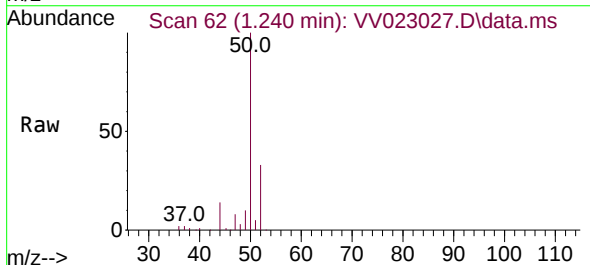
Instrument :
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 ClientSampleId :
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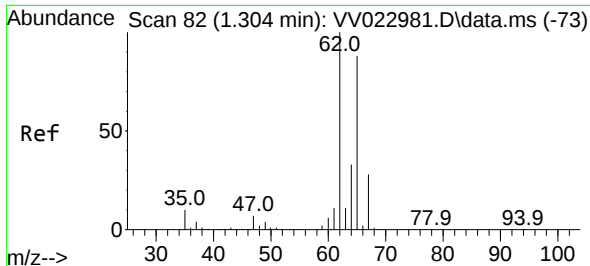
Tgt Ion: 85 Resp: 42204
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 39.8



#3
 Chloromethane
 Concen: 5.096 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

Tgt Ion: 50 Resp: 46562
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.3 45.1

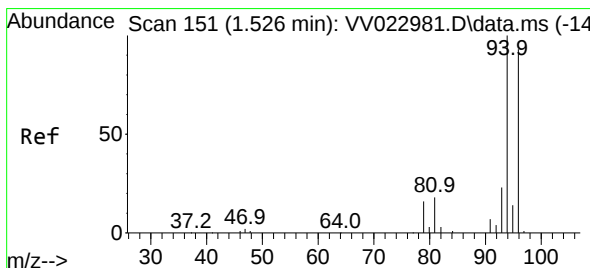
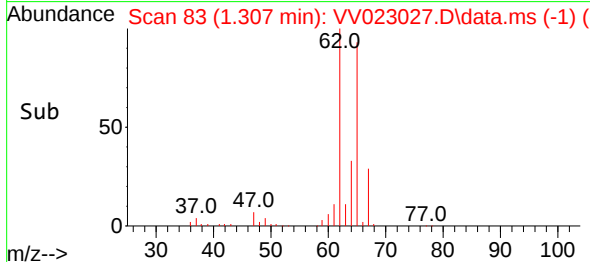
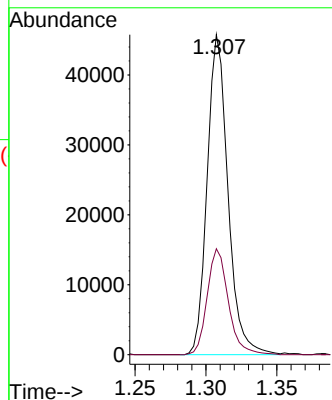
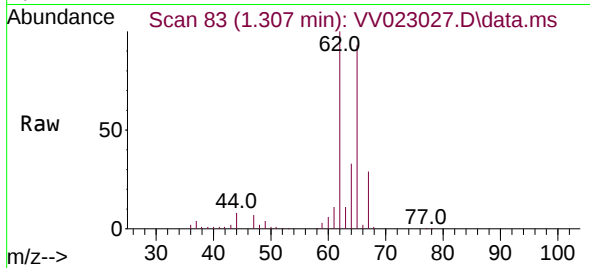




#5
 Vinyl chloride
 Concen: 4.948 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

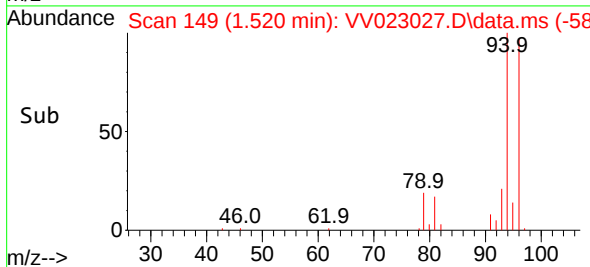
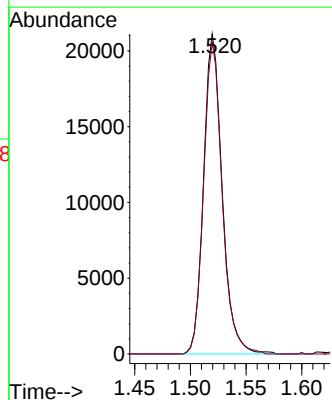
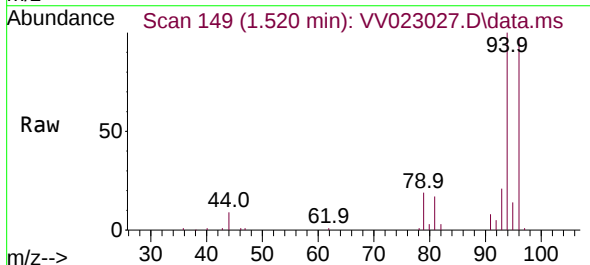
Instrument :
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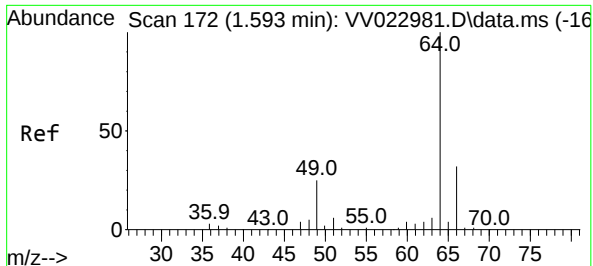
Tgt Ion: 62 Resp: 46690
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 5.156 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

Tgt Ion: 94 Resp: 24584
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.0 120.8

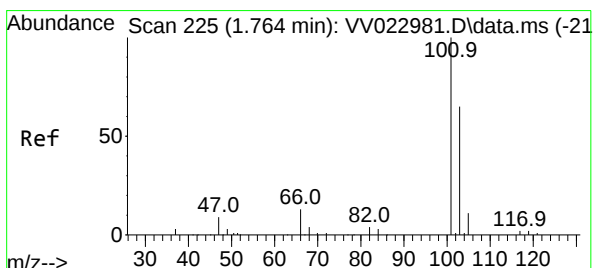
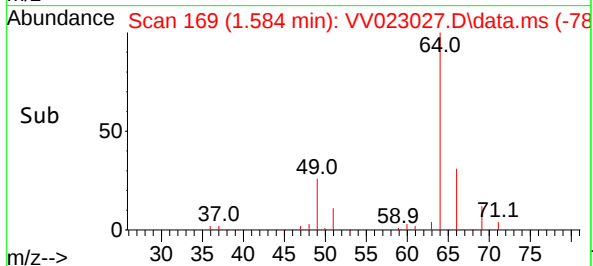
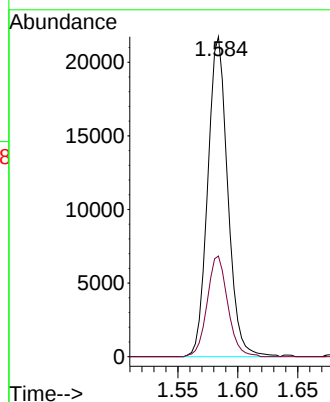
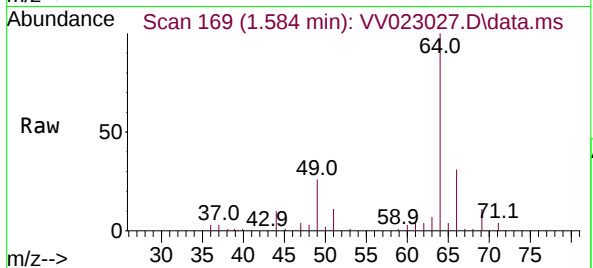




#8
Chloroethane
Concen: 5.103 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

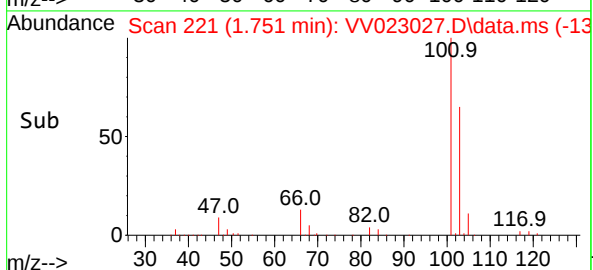
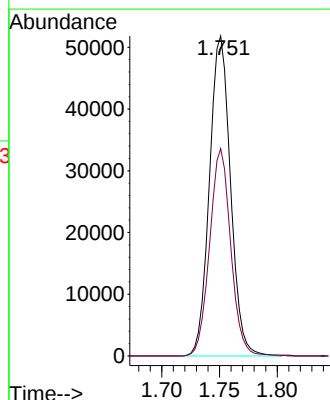
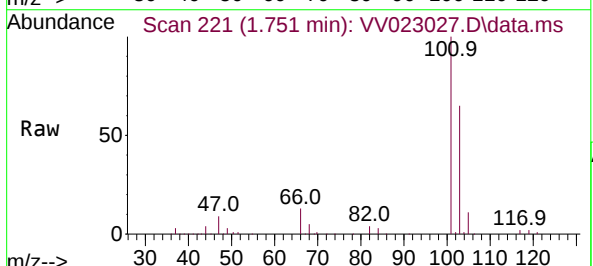
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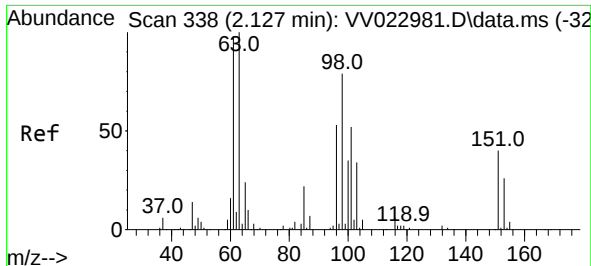
Tgt Ion: 64 Resp: 25182
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.162 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:101 Resp: 65743
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

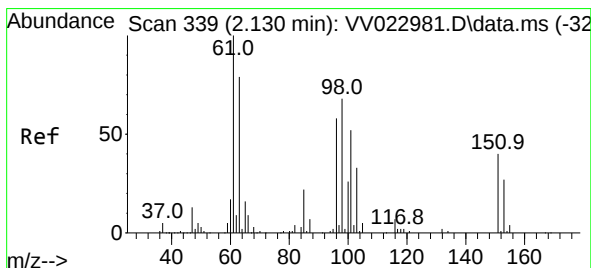
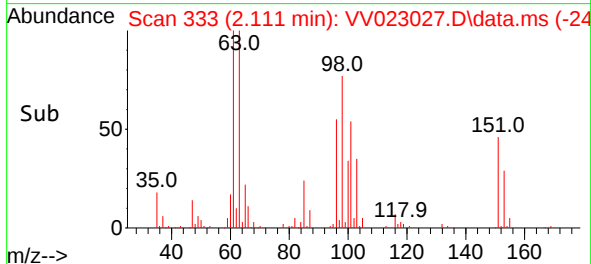
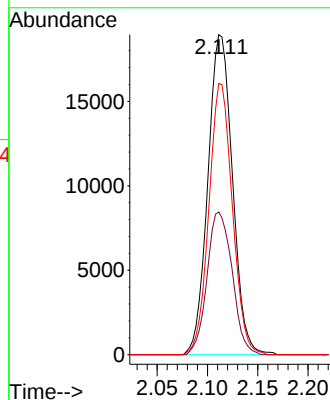
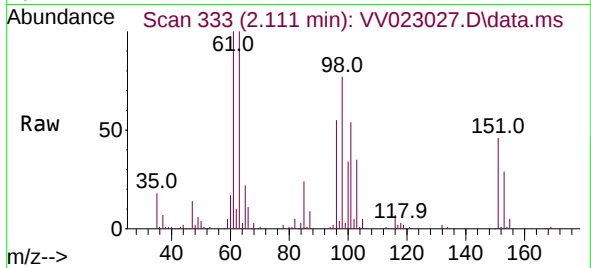




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.444 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

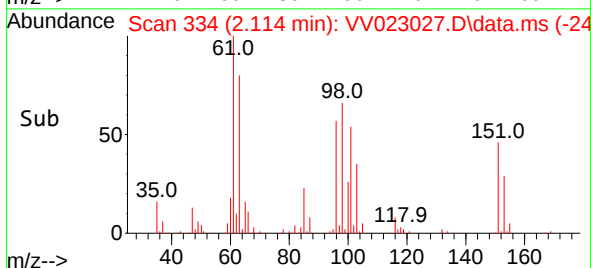
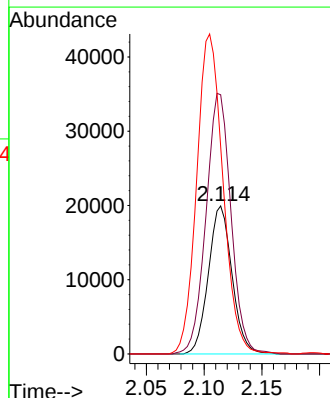
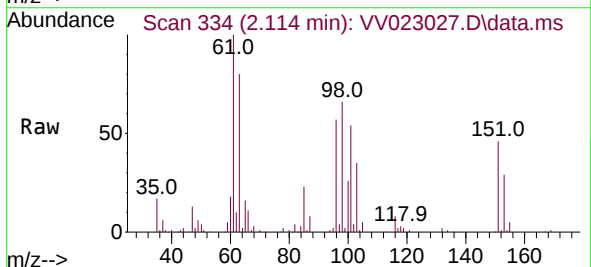
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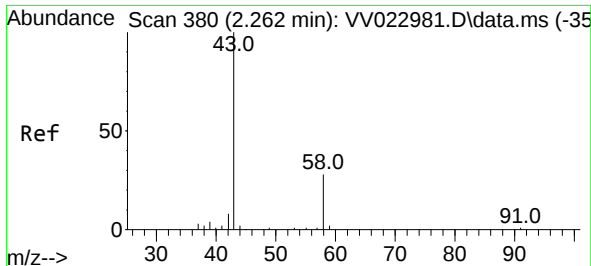
Tgt Ion:101 Resp: 32273
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 80.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.166 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 96 Resp: 28419
Ion Ratio Lower Upper
96 100
61 175.2 121.5 225.7
63 140.1 99.6 185.0

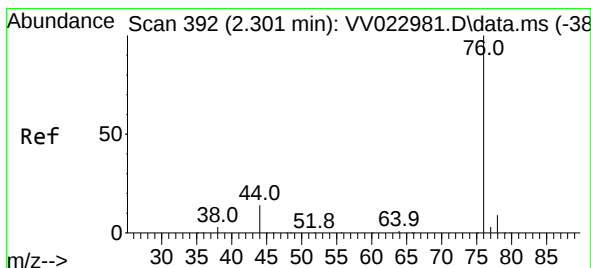
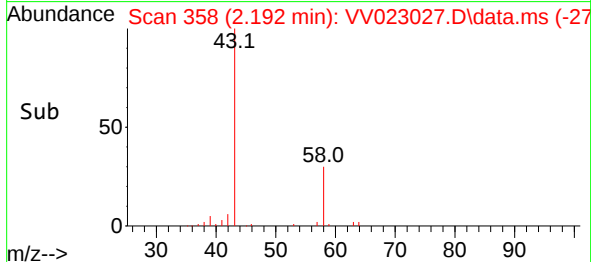
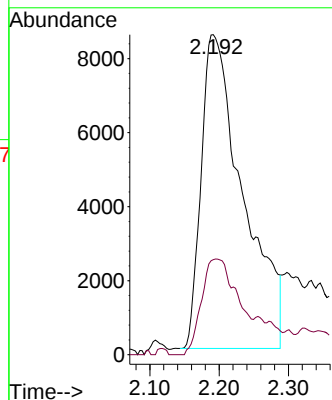
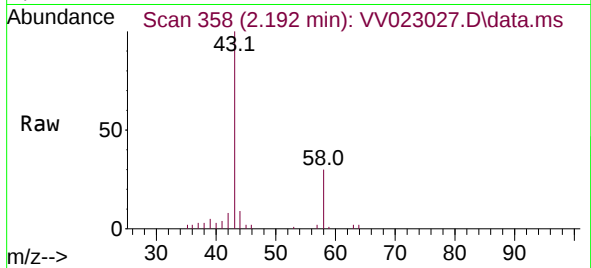




#13
Acetone
Concen: 38.812 ug/L
RT: 2.192 min Scan# 31
Delta R.T. -0.035 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

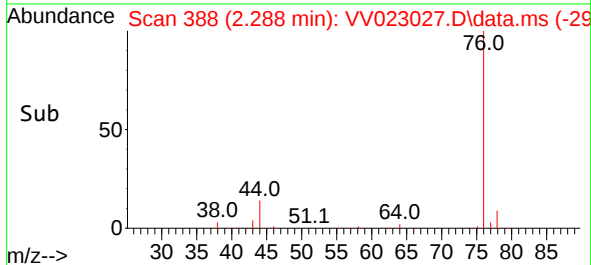
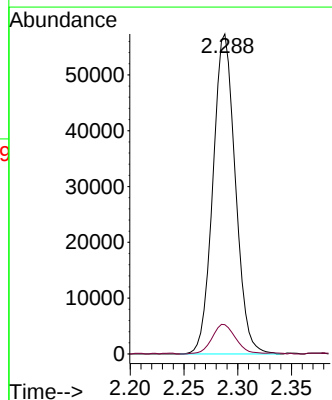
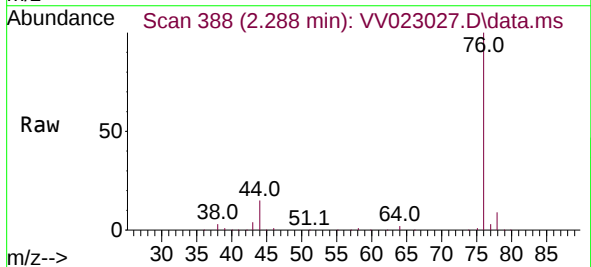
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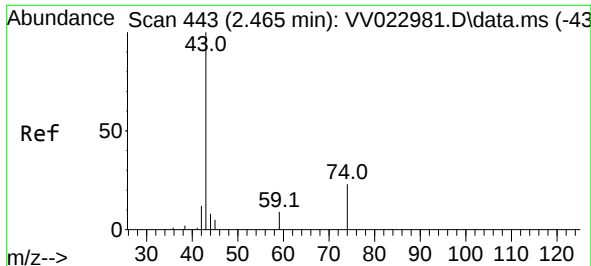
Tgt Ion: 43 Resp: 35565
Ion Ratio Lower Upper
43 100
58 26.6 0.0 55.4



#14
Carbon disulfide
Concen: 4.470 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 76 Resp: 83044
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 4.244 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.022 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

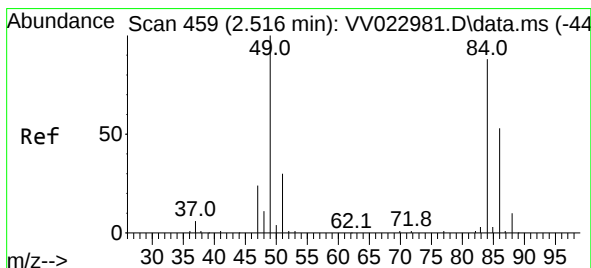
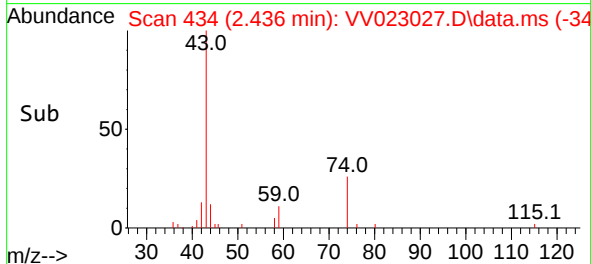
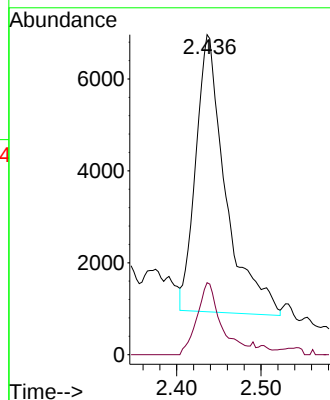
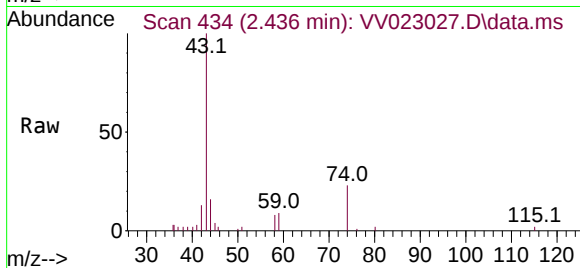
VSTD005324

Tgt Ion: 43 Resp: 14795

Ion Ratio Lower Upper

43 100

74 21.2 22.2 33.2#



#16

Methylene chloride

Concen: 5.020 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.009 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

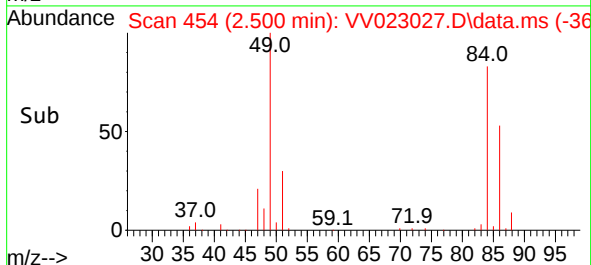
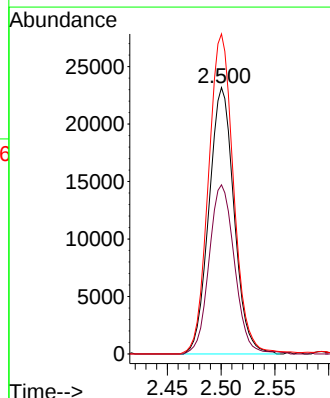
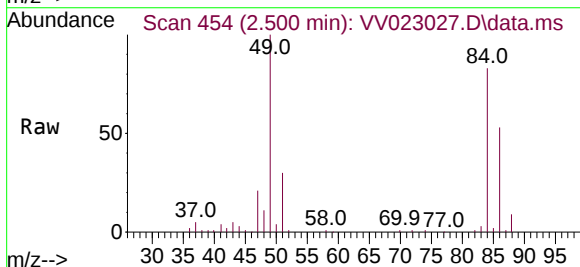
Tgt Ion: 84 Resp: 37615

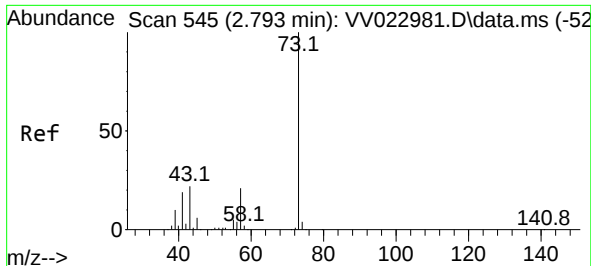
Ion Ratio Lower Upper

84 100

86 63.5 42.3 78.5

49 120.1 79.7 148.1

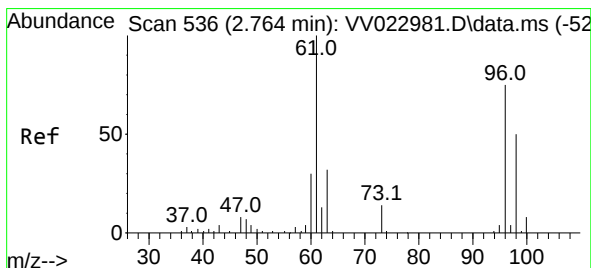
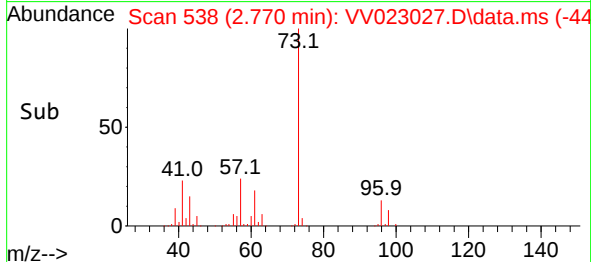
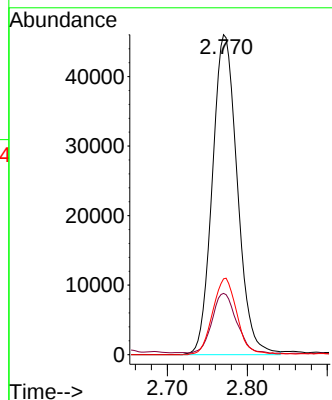
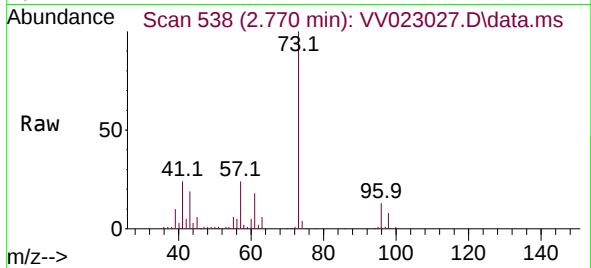




#17
Methyl tert-butyl Ether
Concen: 6.132 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

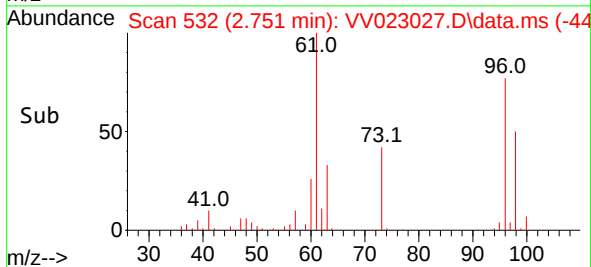
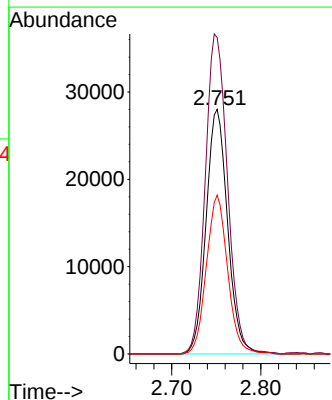
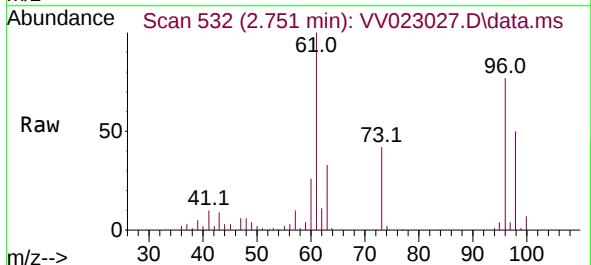
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

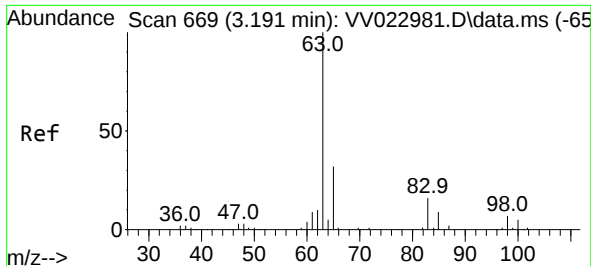
Tgt Ion: 73 Resp: 99865
Ion Ratio Lower Upper
73 100
43 18.4 17.4 26.0
57 23.1 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 6.453 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 96 Resp: 46999
Ion Ratio Lower Upper
96 100
61 129.4 93.2 173.2
98 64.9 47.0 87.2





#19

1,1-Dichloroethane

Concen: 6.456 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

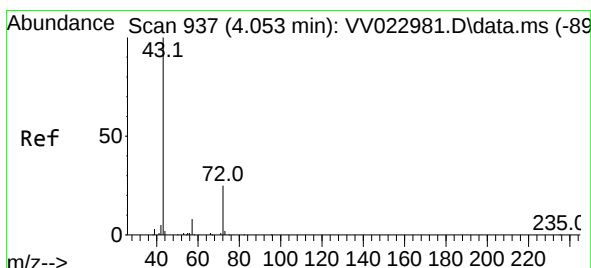
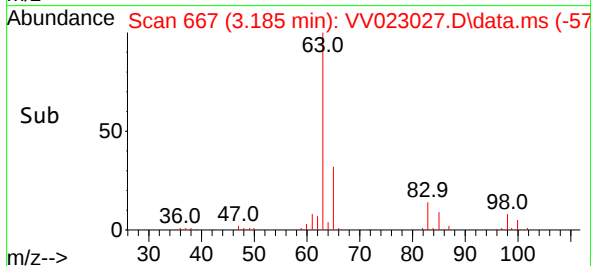
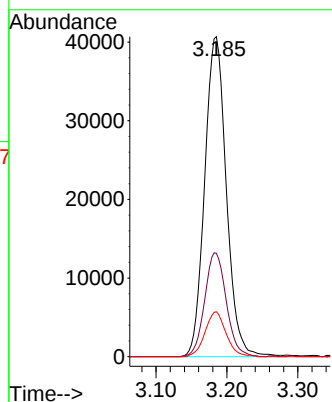
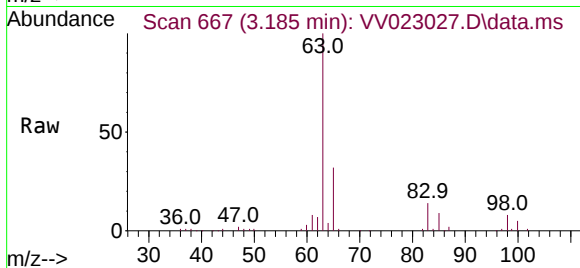
Tgt Ion: 63 Resp: 86386

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 14.1 11.1 20.7



#21

2-Butanone

Concen: 45.983 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.038 min

Lab File: VV023027.D

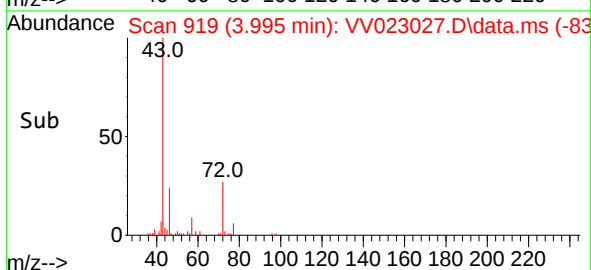
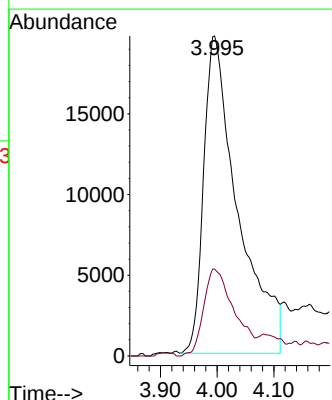
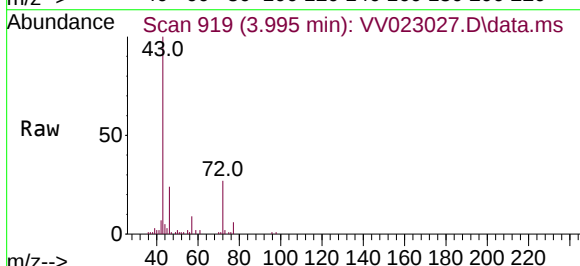
Acq: 26 Oct 2021 09:46

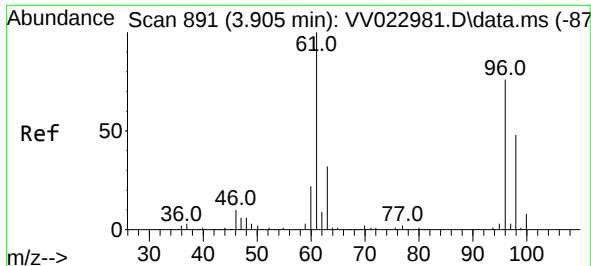
Tgt Ion: 43 Resp: 82488

Ion Ratio Lower Upper

43 100

72 24.8 11.9 35.9

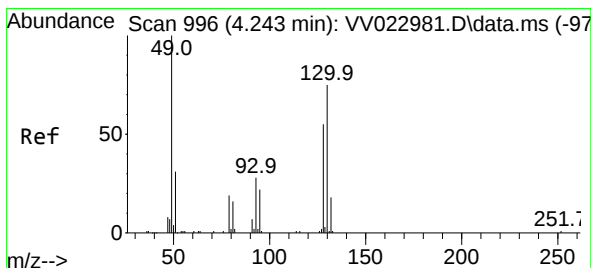
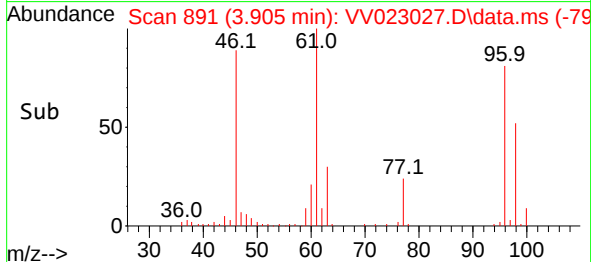
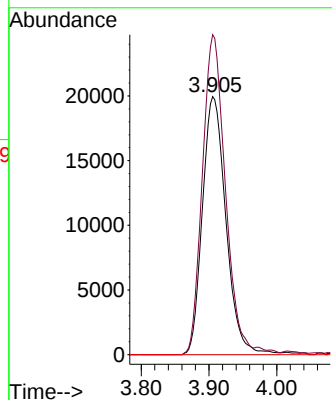
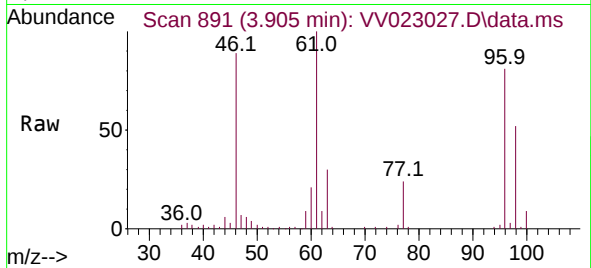




#22
 cis-1,2-Dichloroethene
 Concen: 5.813 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

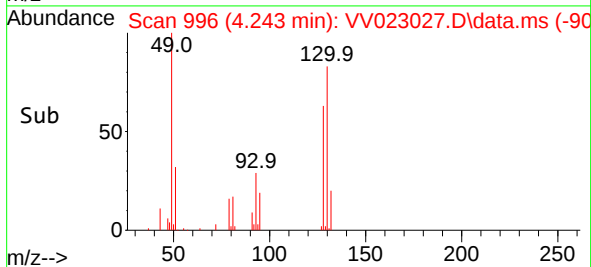
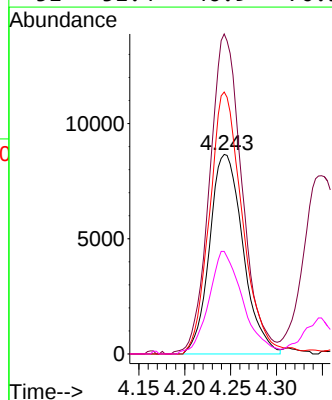
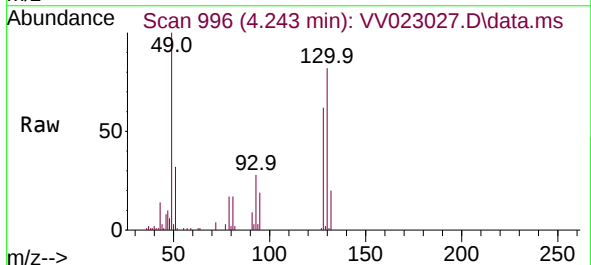
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

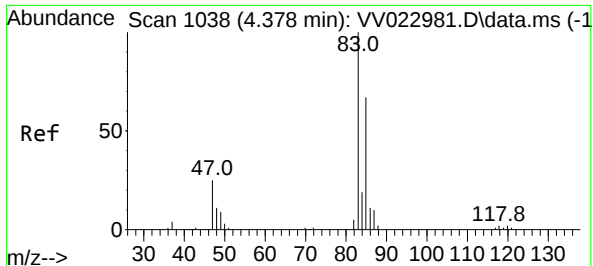
Tgt Ion: 96 Resp: 48001
 Ion Ratio Lower Upper
 96 100
 61 124.0 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.848 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

Tgt Ion: 128 Resp: 21921
 Ion Ratio Lower Upper
 128 100
 49 160.4 126.1 234.3
 130 131.3 95.2 176.8
 51 51.4 46.9 70.3





#25

Chloroform

Concen: 5.368 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

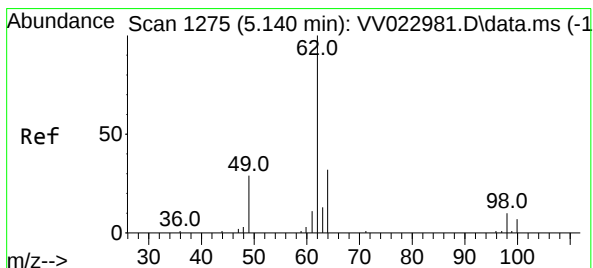
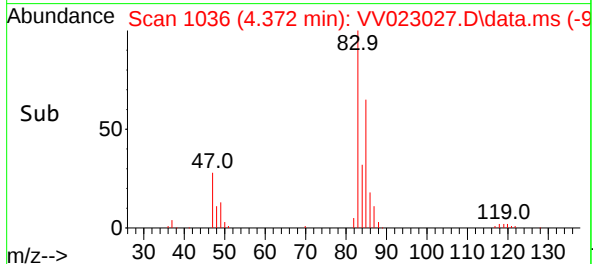
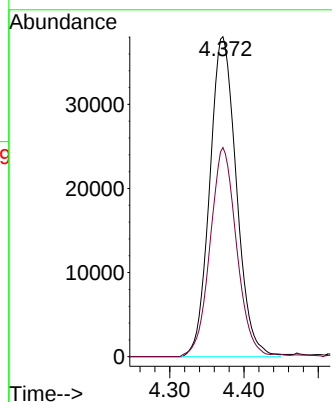
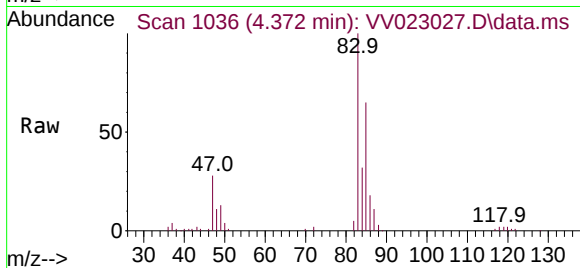
VSTD005324

Tgt Ion: 83 Resp: 94908

Ion Ratio Lower Upper

83 100

85 65.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.573 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VV023027.D

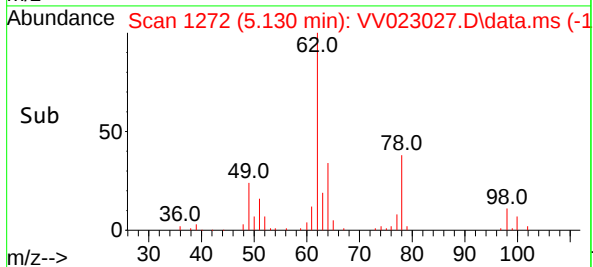
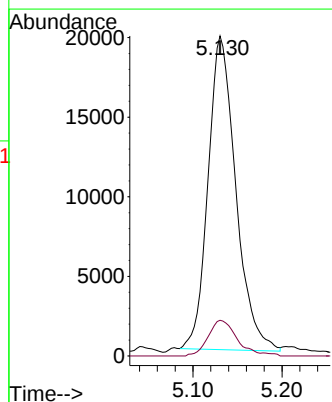
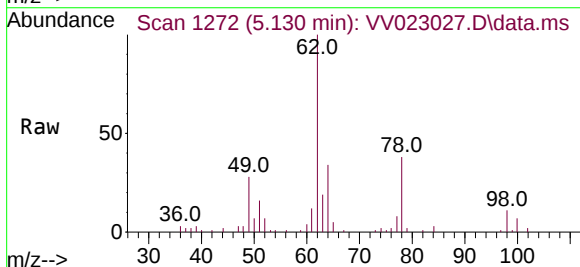
Acq: 26 Oct 2021 09:46

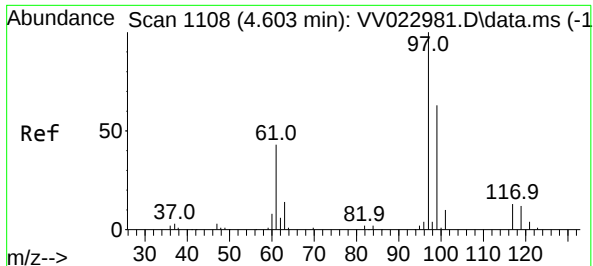
Tgt Ion: 62 Resp: 42638

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.062 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

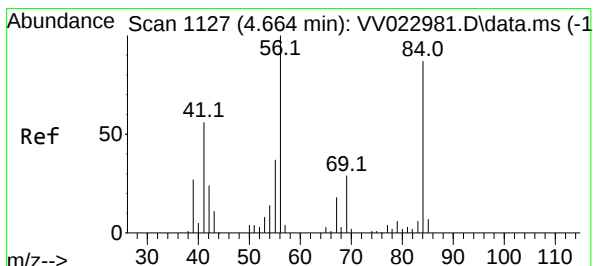
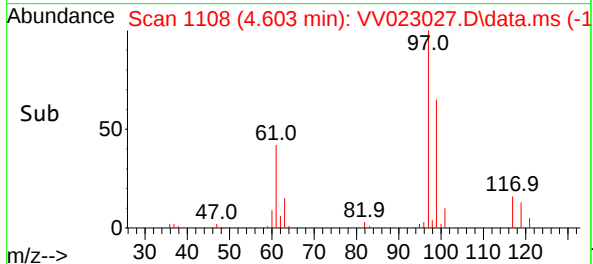
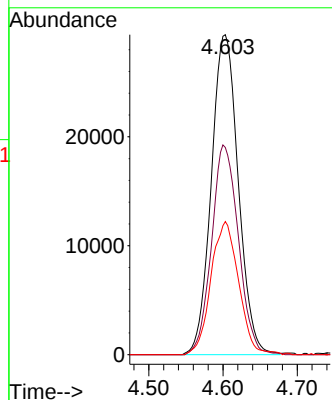
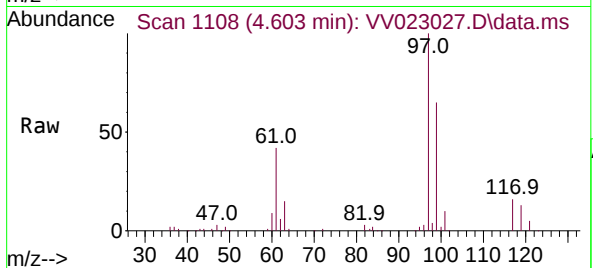
Tgt Ion: 97 Resp: 74247

Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 42.7 34.1 51.1



#30

Cyclohexane

Concen: 5.154 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

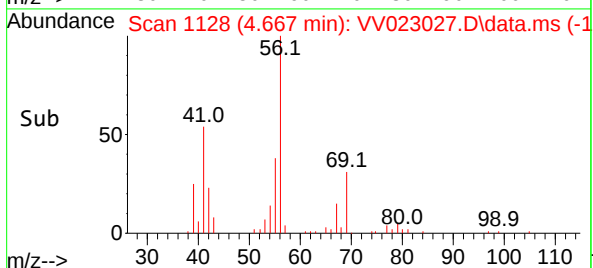
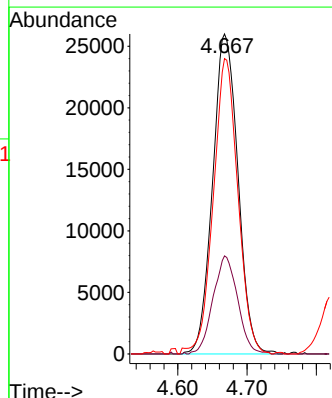
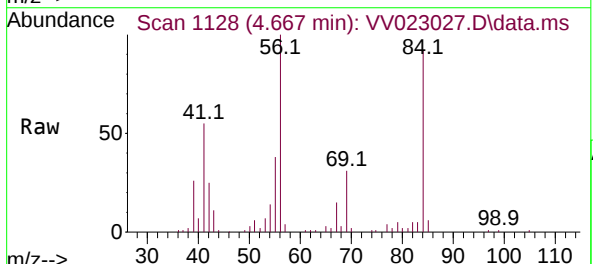
Tgt Ion: 56 Resp: 65999

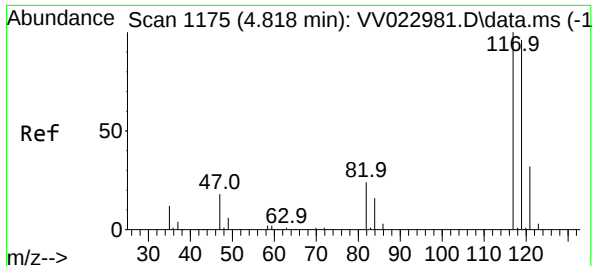
Ion Ratio Lower Upper

56 100

69 29.8 23.5 35.3

84 89.6 71.6 107.4

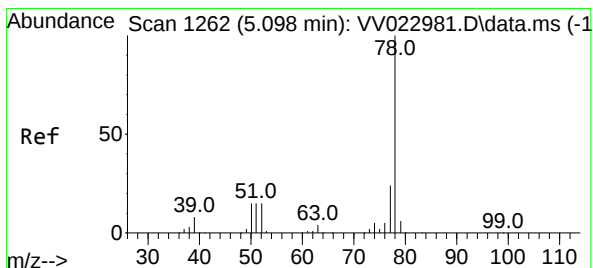
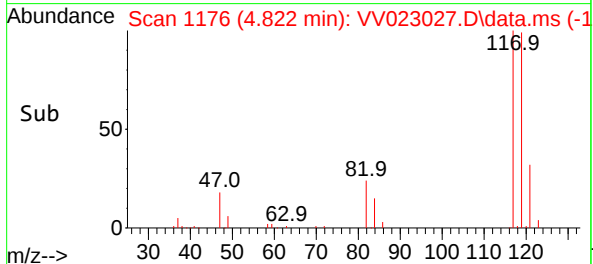
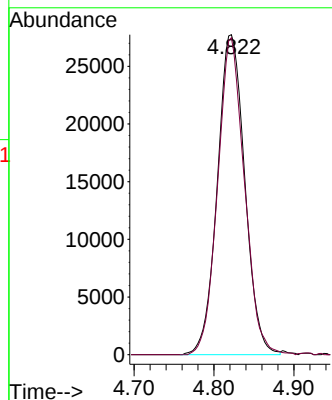
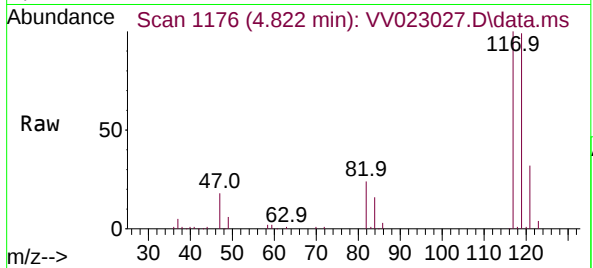




#31
Carbon tetrachloride
Concen: 5.231 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

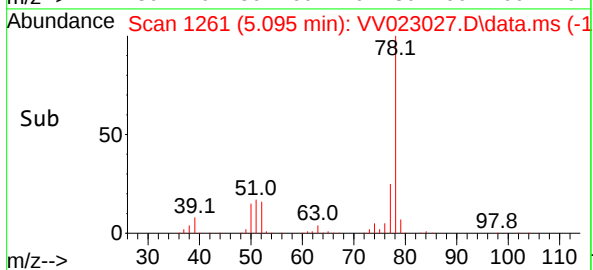
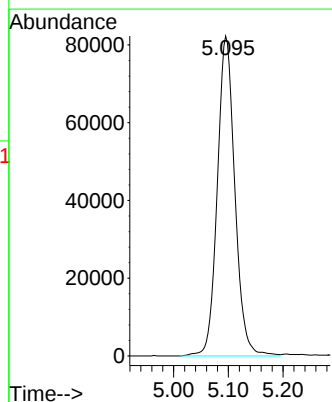
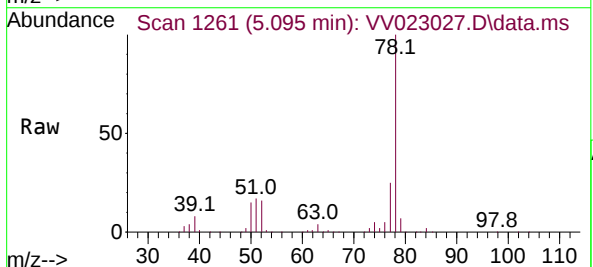
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

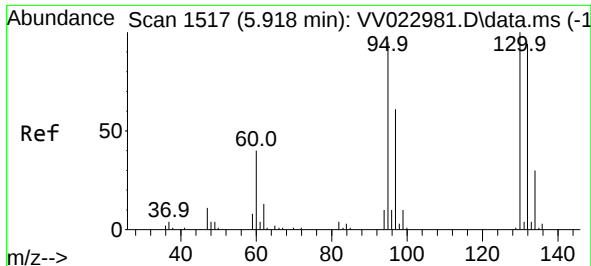
Tgt Ion:117 Resp: 66018
Ion Ratio Lower Upper
117 100
119 96.6 78.8 118.2



#33
Benzene
Concen: 5.251 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 78 Resp: 183433

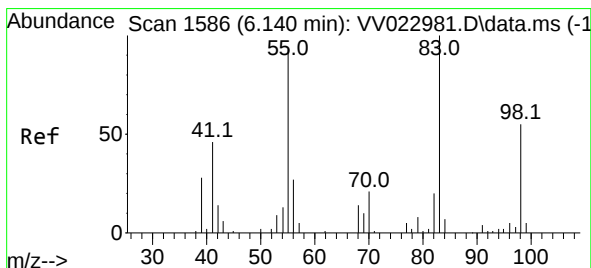
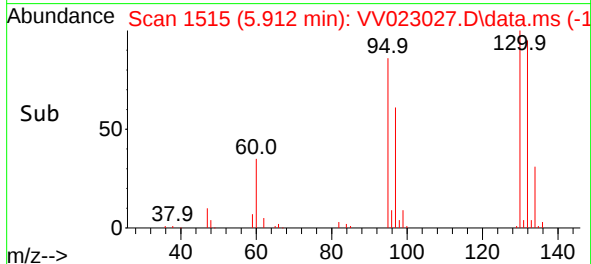
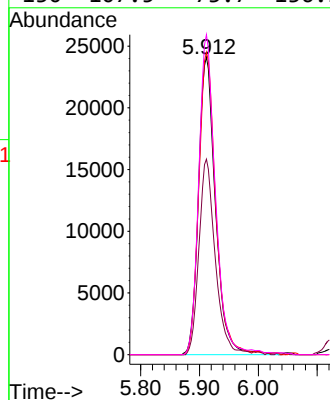
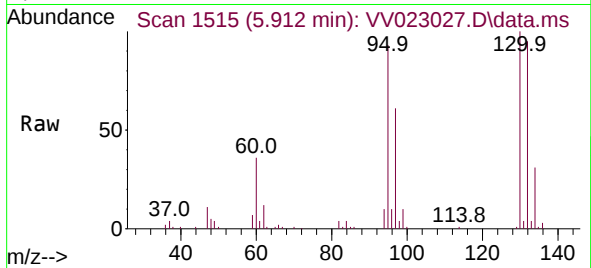




#34
Trichloroethene
Concen: 5.519 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

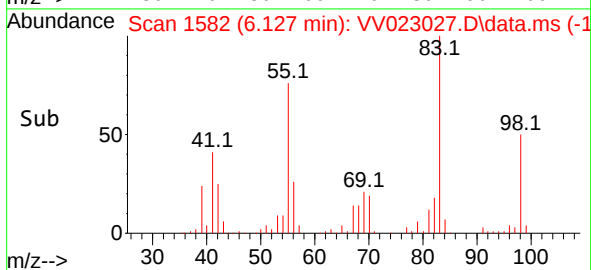
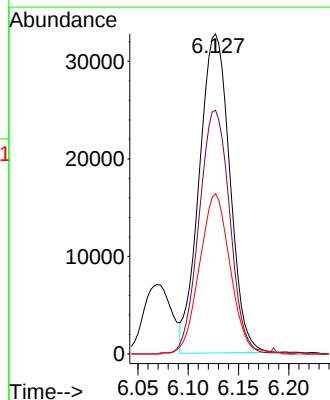
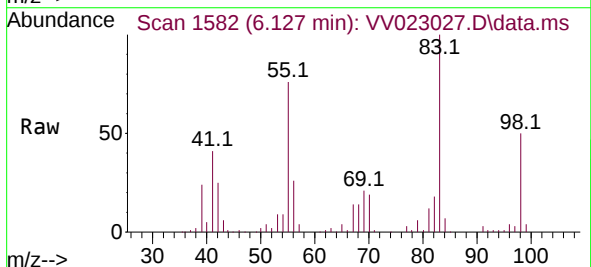
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

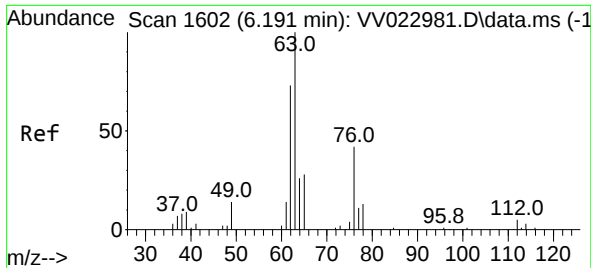
Tgt Ion: 95 Resp: 48429
Ion Ratio Lower Upper
95 100
97 65.7 45.0 83.6
132 101.7 69.7 129.4
130 107.5 73.7 136.9



#35
Methylcyclohexane
Concen: 5.493 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.013 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 83 Resp: 69023
Ion Ratio Lower Upper
83 100
55 76.9 62.8 94.2
98 50.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.166 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.022 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

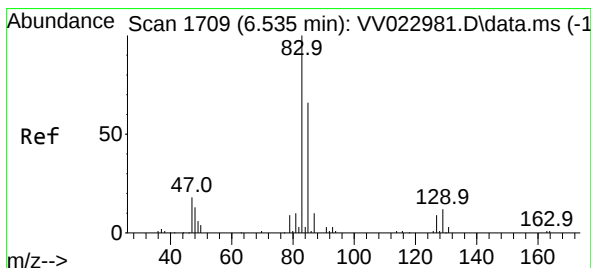
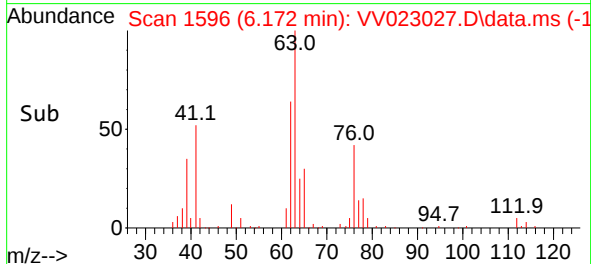
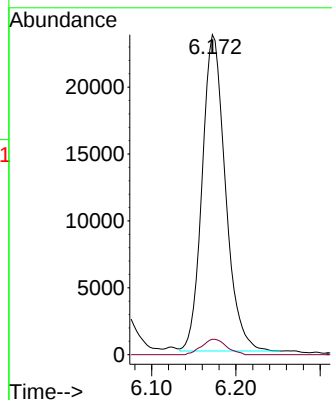
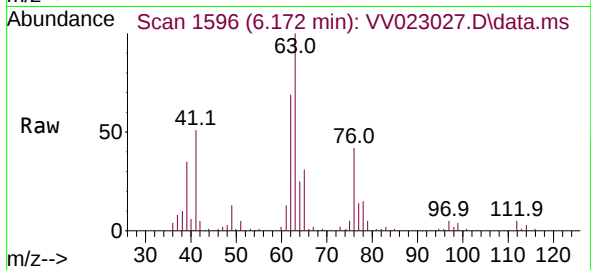
VSTD005324

Tgt Ion: 63 Resp: 45479

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.332 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.016 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

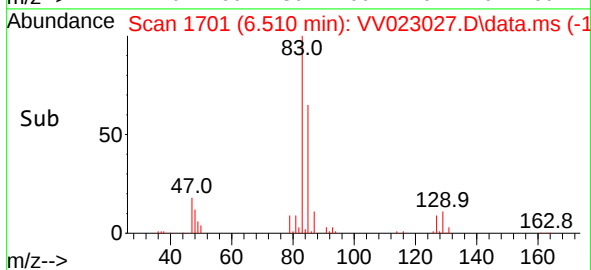
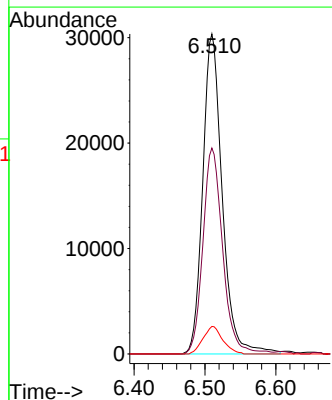
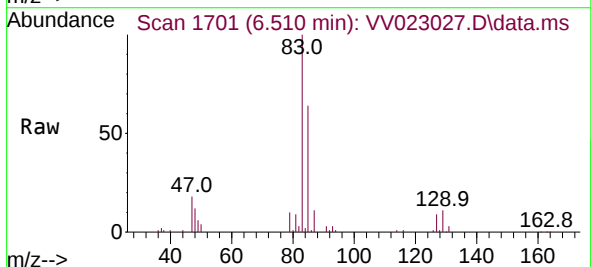
Tgt Ion: 83 Resp: 57909

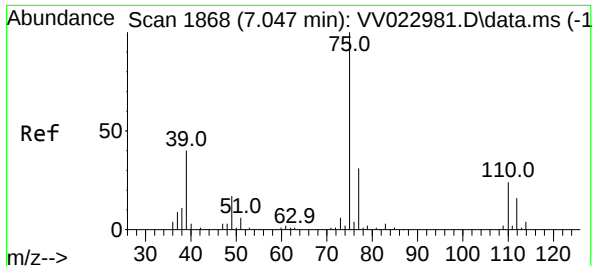
Ion Ratio Lower Upper

83 100

85 64.3 46.1 85.7

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.736 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.013 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

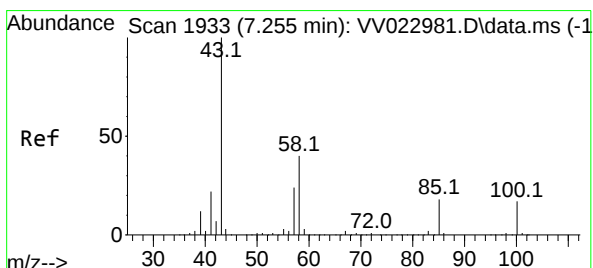
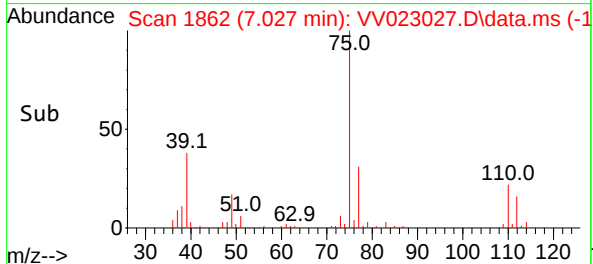
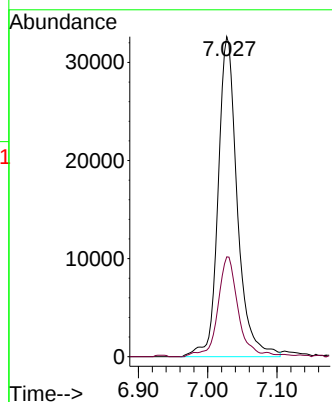
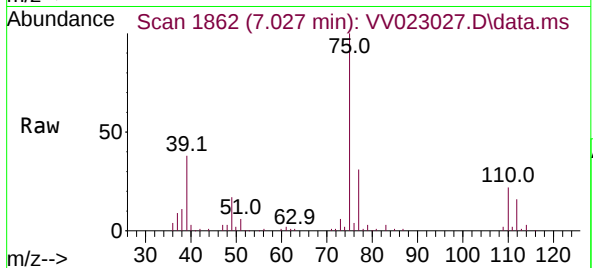
VSTD005324

Tgt Ion: 75 Resp: 62885

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 62.600 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.019 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

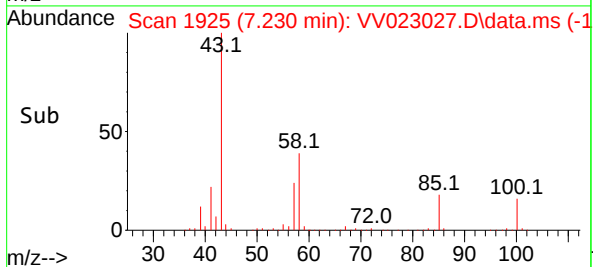
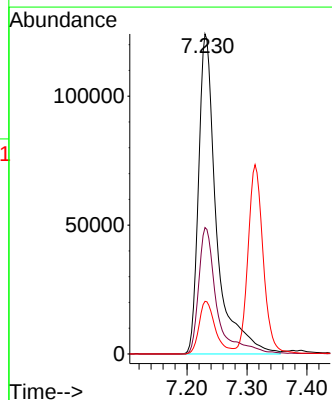
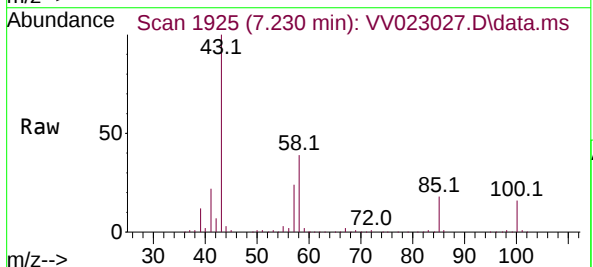
Tgt Ion: 43 Resp: 259461

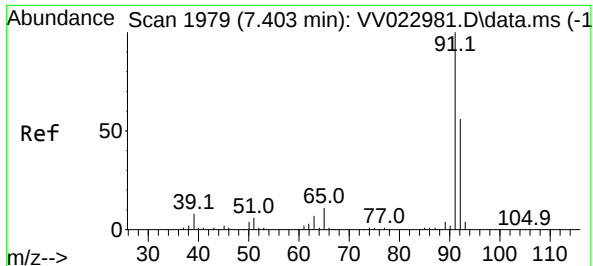
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 15.0 12.6 19.0

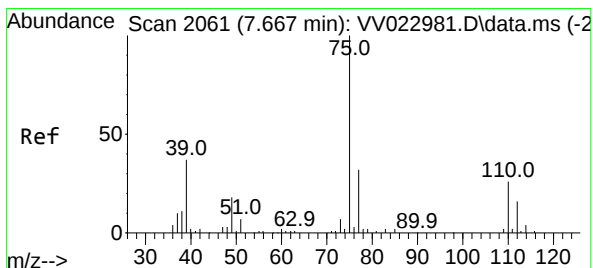
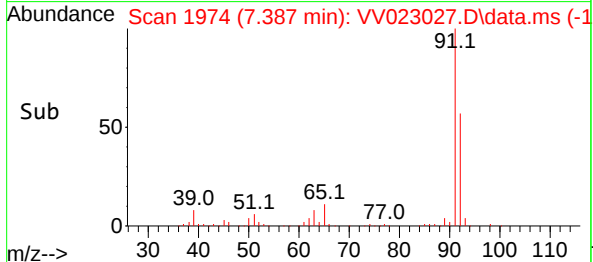
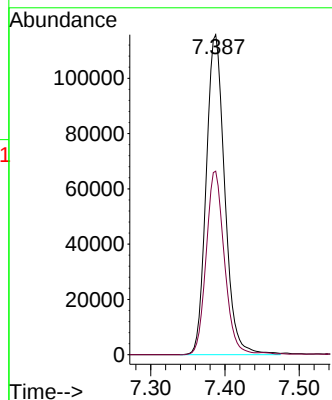
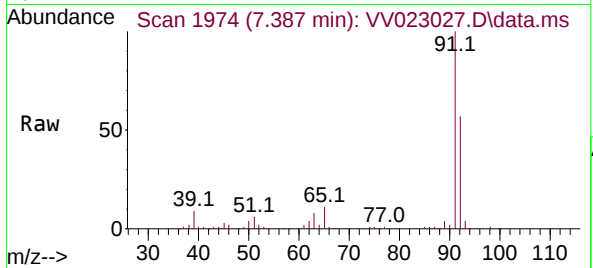




#42
Toluene
Concen: 5.662 ug/L
RT: 7.387 min Scan# 1979
Delta R.T. -0.009 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

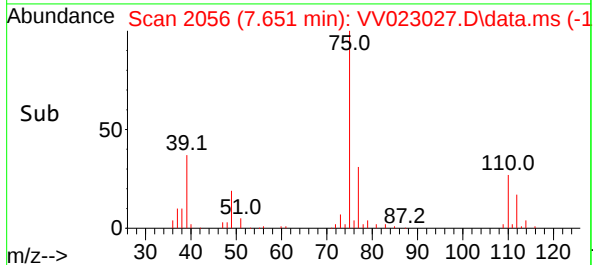
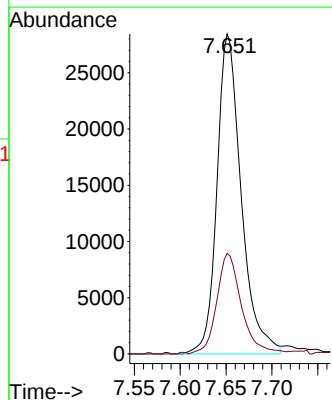
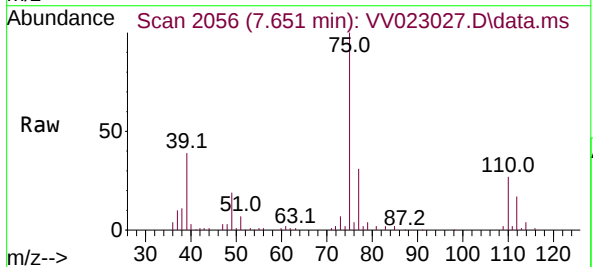
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

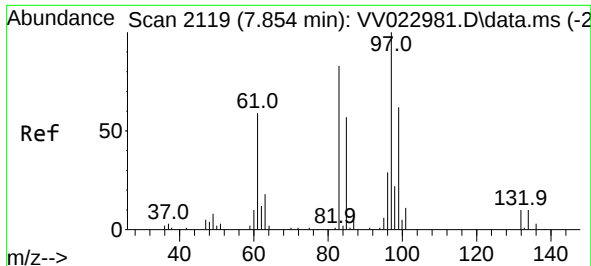
Tgt Ion: 91 Resp: 200417
Ion Ratio Lower Upper
91 100
92 57.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.769 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.009 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 75 Resp: 52324
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.7

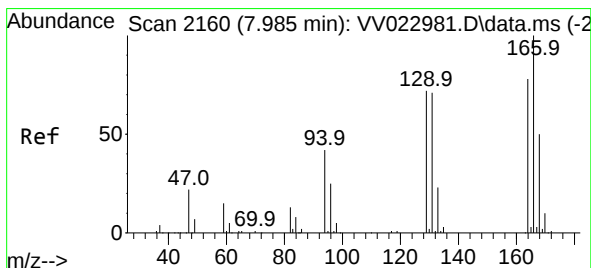
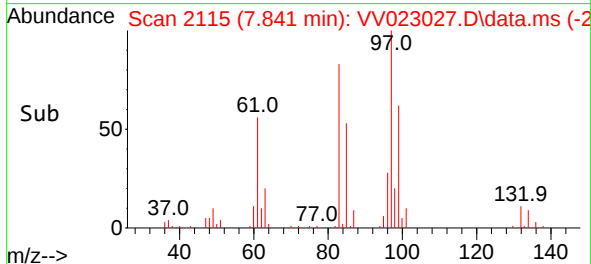
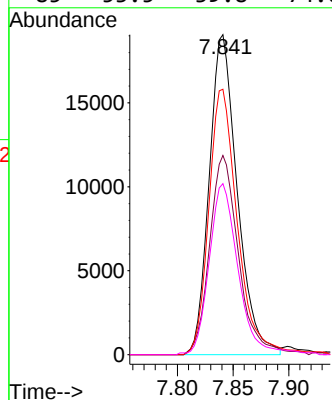
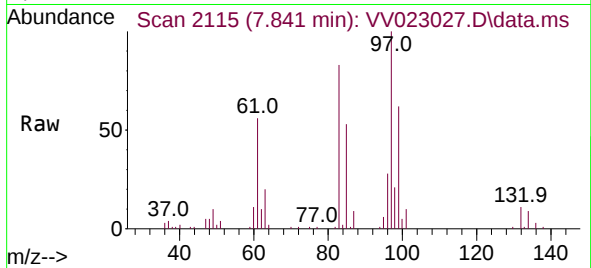




#45
1,1,2-Trichloroethane
Concen: 5.422 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.009 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

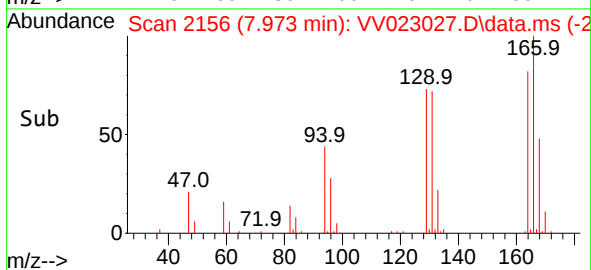
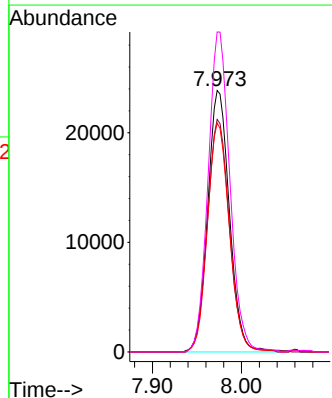
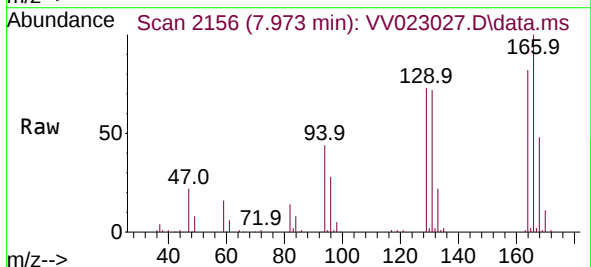
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

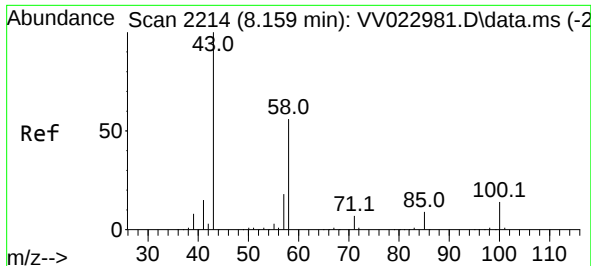
Tgt Ion:	97	Resp:	33393
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	82.9	58.4	108.4
85	53.5	39.8	74.0



#47
Tetrachloroethene
Concen: 5.438 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.009 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:	164	Resp:	40312
Ion	Ratio	Lower	Upper
164	100		
129	88.9	64.0	119.0
131	87.5	63.4	117.8
166	122.4	89.3	165.9



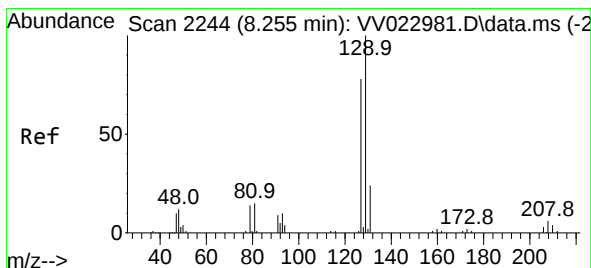
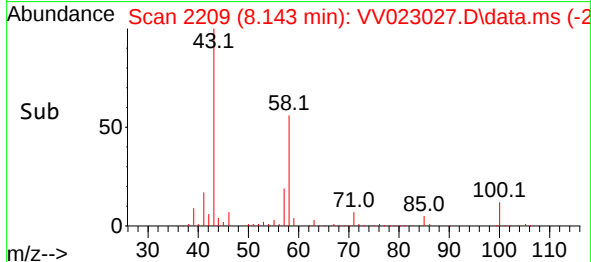
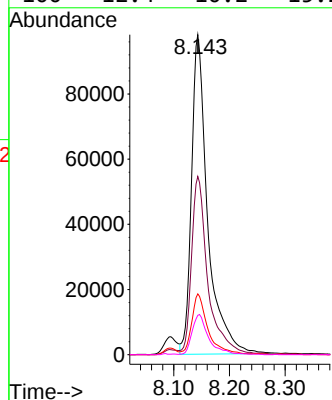
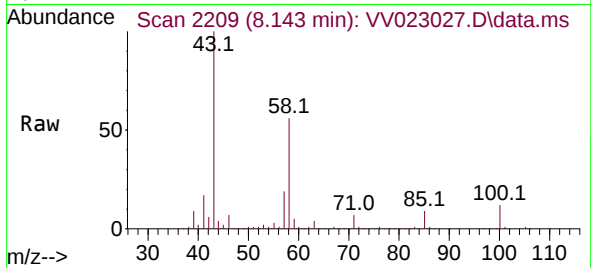


#48
2-Hexanone
Concen: 64.392 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Tgt Ion: 43 Resp: 198118

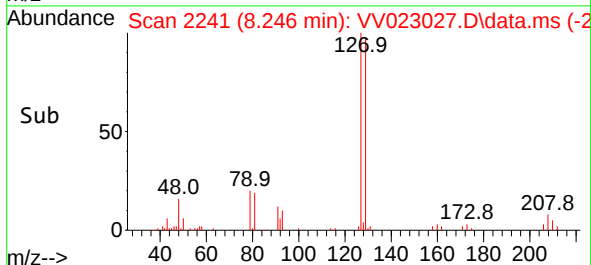
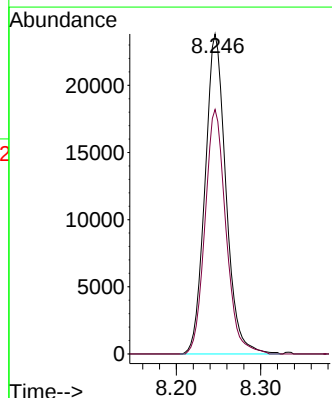
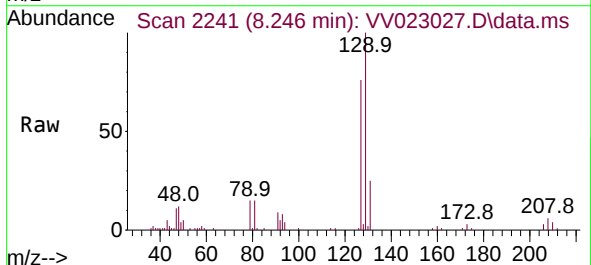
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.7	65.5
57	18.5	14.1	21.1
100	12.4	10.2	15.2

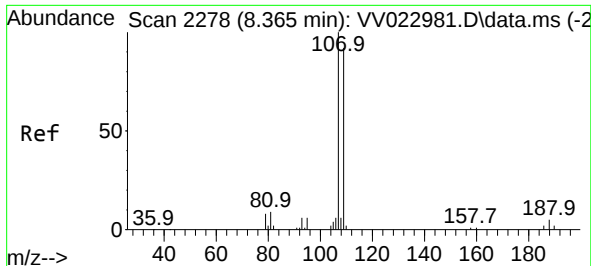


#49
Dibromochloromethane
Concen: 5.610 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.009 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 129 Resp: 41109

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.603 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.009 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

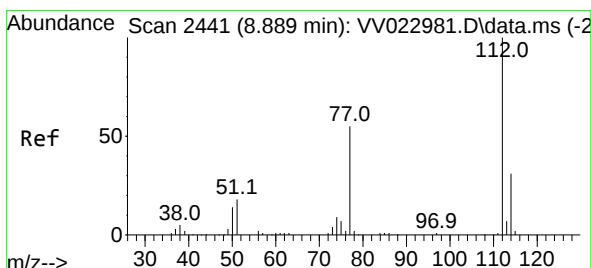
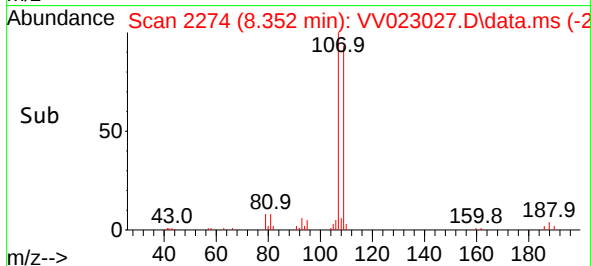
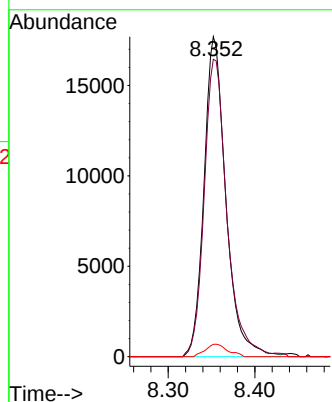
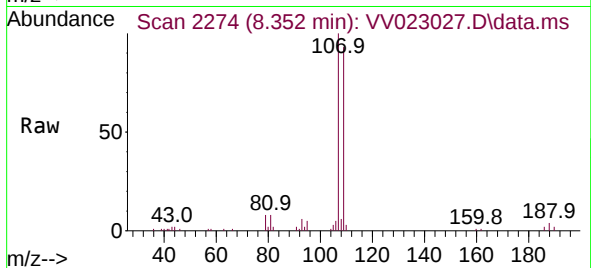
Tgt Ion:107 Resp: 31070

Ion Ratio Lower Upper

107 100

109 92.9 64.7 120.1

188 3.9 3.6 5.4



#51

Chlorobenzene

Concen: 5.511 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. -0.003 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

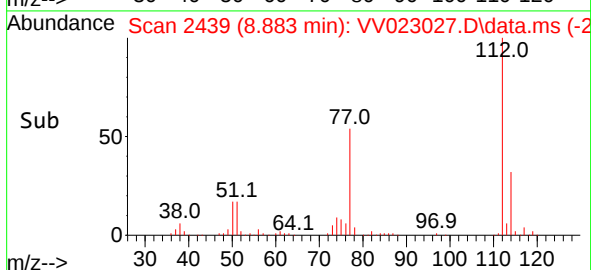
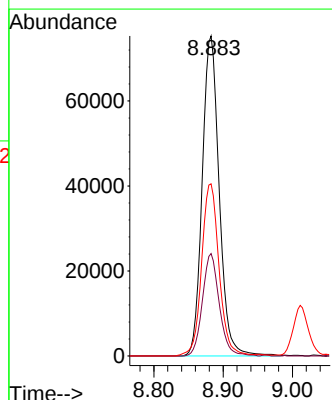
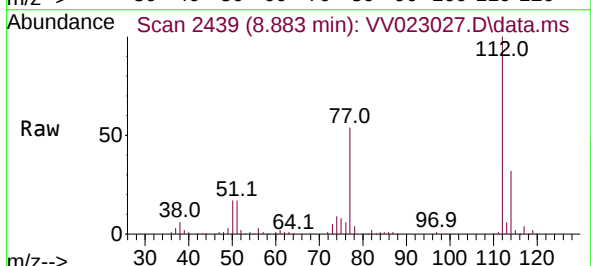
Tgt Ion:112 Resp: 128151

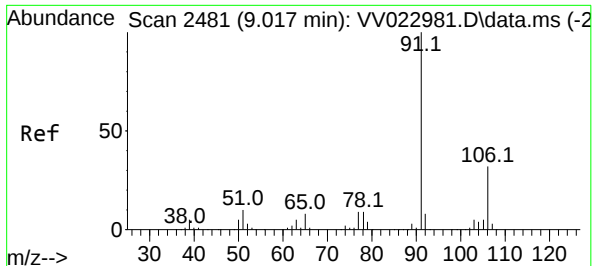
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 53.8 44.4 66.6





#52

Ethylbenzene

Concen: 5.575 ug/L

RT: 9.011 min Scan# 2481

Delta R.T. -0.006 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

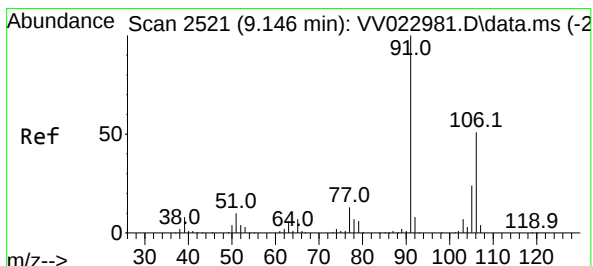
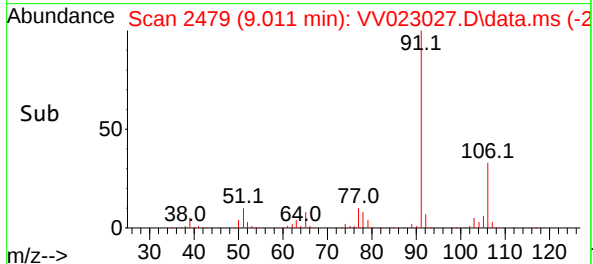
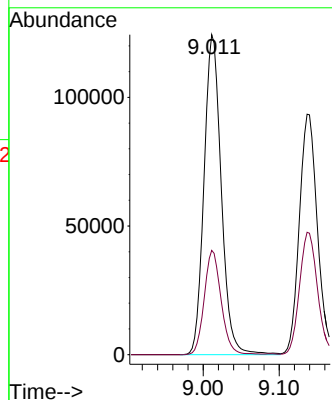
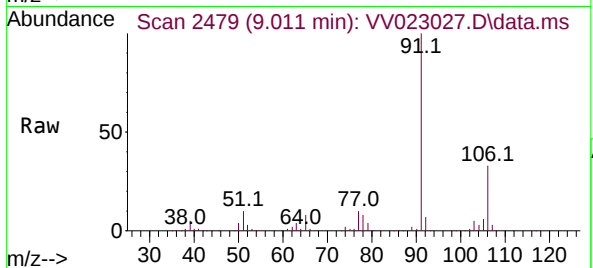
VSTD005324

Tgt Ion: 91 Resp: 195860

Ion Ratio Lower Upper

91 100

106 32.6 22.5 41.9



#53

m,p-xylene

Concen: 5.533 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.006 min

Lab File: VV023027.D

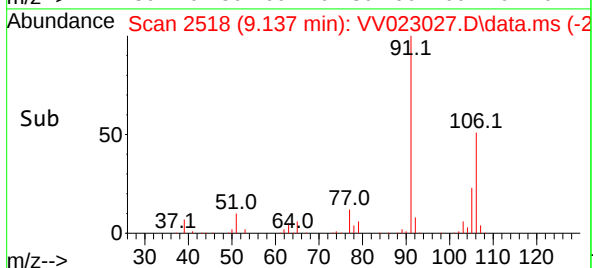
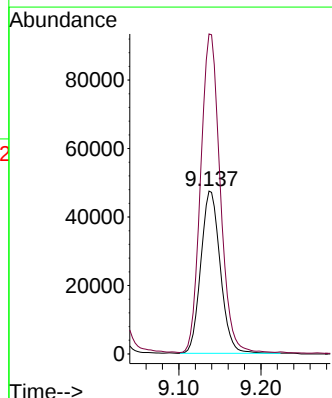
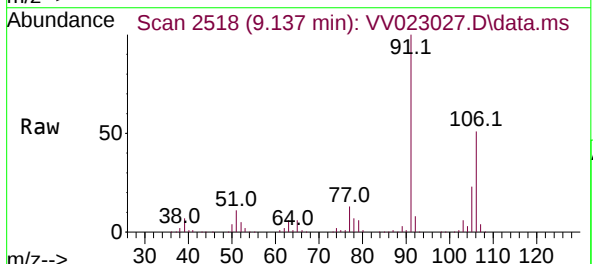
Acq: 26 Oct 2021 09:46

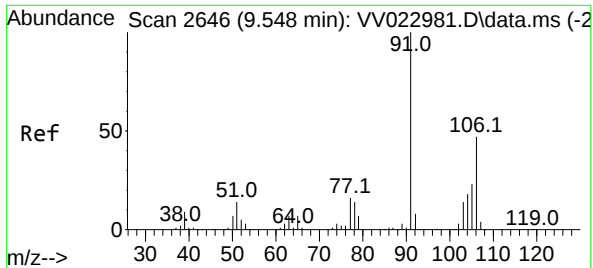
Tgt Ion: 106 Resp: 77963

Ion Ratio Lower Upper

106 100

91 196.5 137.2 254.8

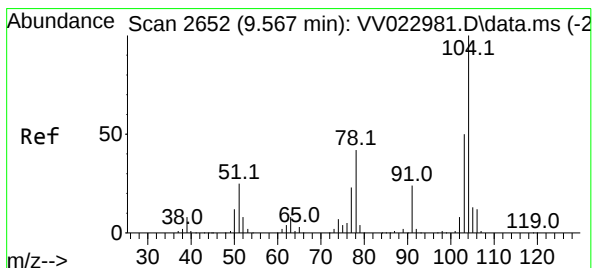
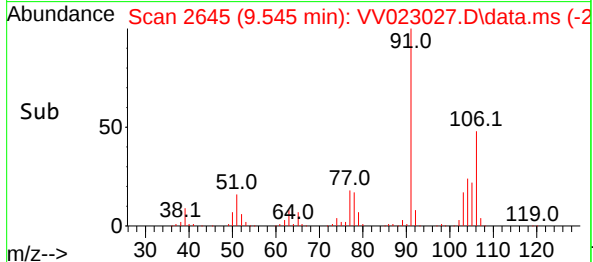
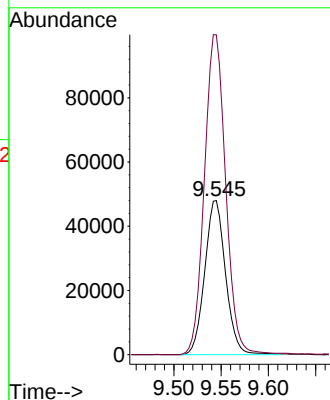
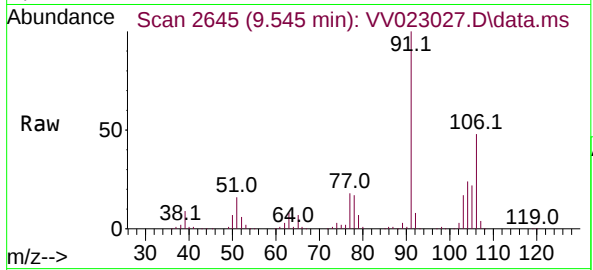




#54
o-xylene
Concen: 5.547 ug/L
RT: 9.545 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

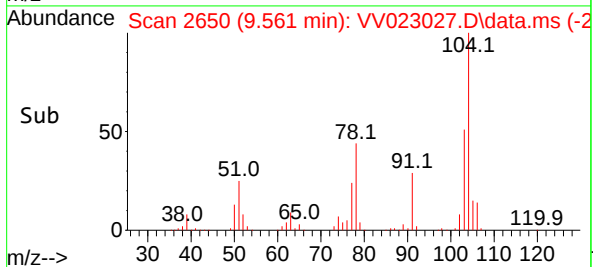
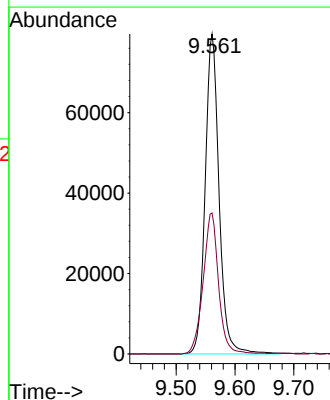
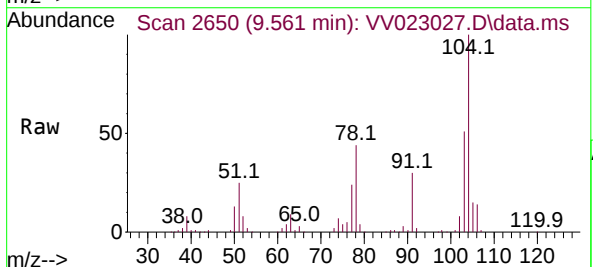
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

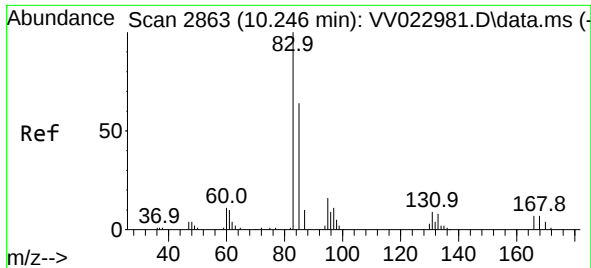
Tgt Ion:106 Resp: 73578
Ion Ratio Lower Upper
106 100
91 207.6 148.3 275.5



#55
Styrene
Concen: 5.715 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:104 Resp: 130910
Ion Ratio Lower Upper
104 100
78 44.0 29.3 54.3

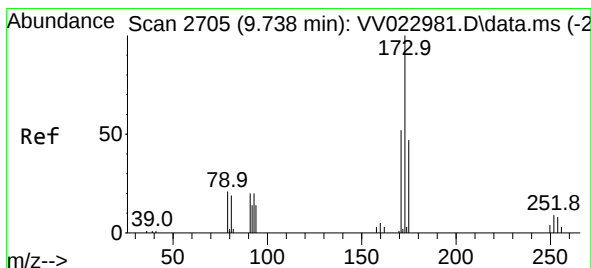
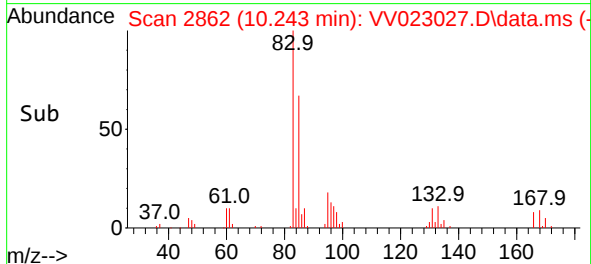
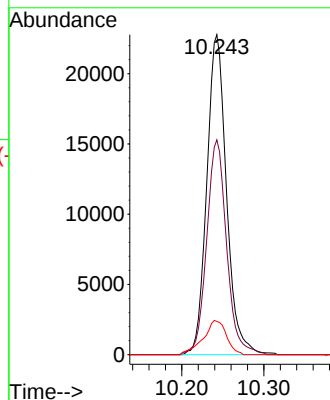
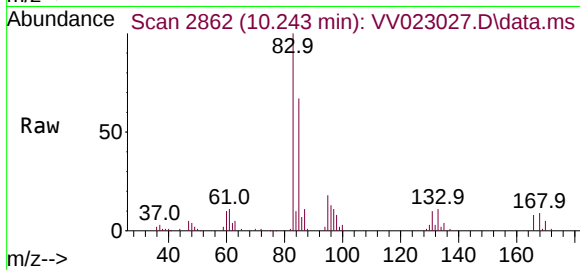




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.512 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. -0.003 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

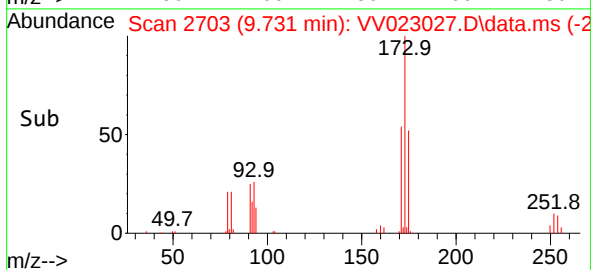
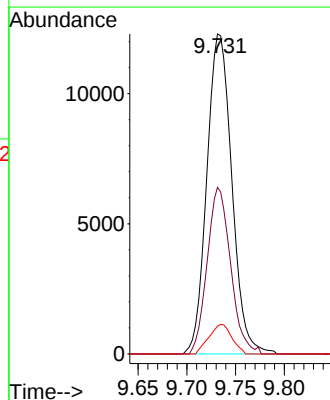
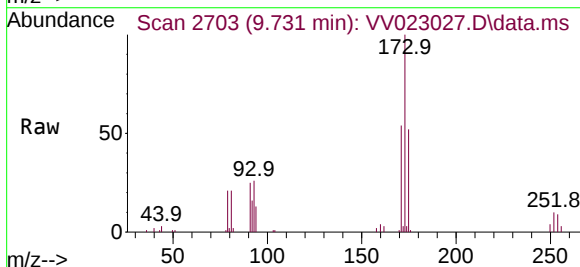
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

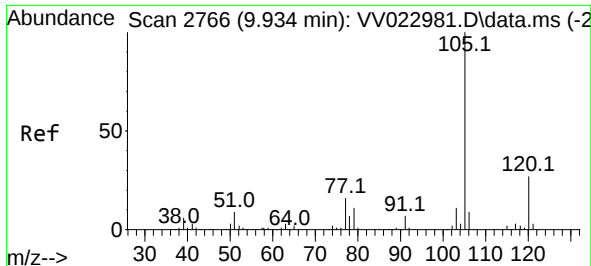
Tgt Ion: 83 Resp: 37944
 Ion Ratio Lower Upper
 83 100
 85 67.2 45.1 83.9
 131 10.4 7.8 11.6



#59
 Bromoform
 Concen: 5.403 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV023027.D
 Acq: 26 Oct 2021 09:46

Tgt Ion: 173 Resp: 21983
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.2 57.2
 254 8.4 6.2 9.2

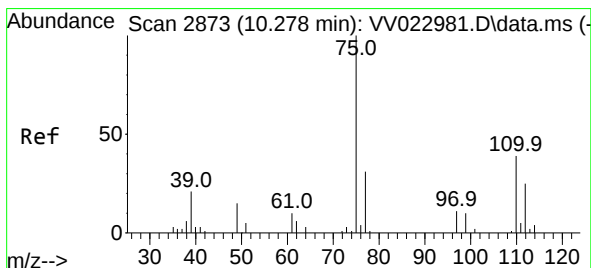
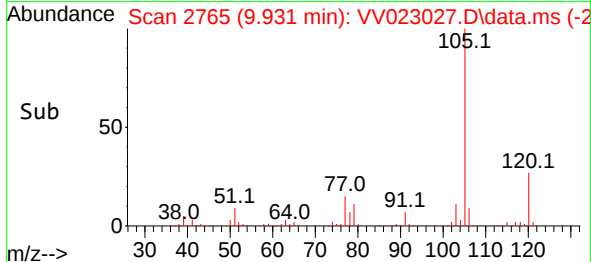
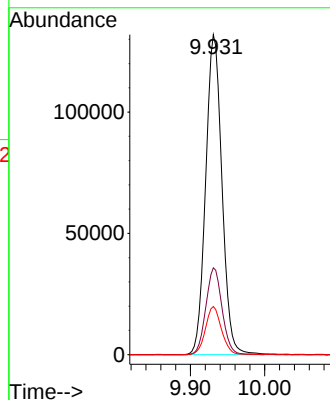
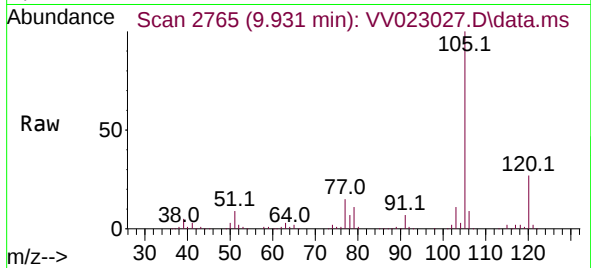




#60
Isopropylbenzene
Concen: 5.682 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

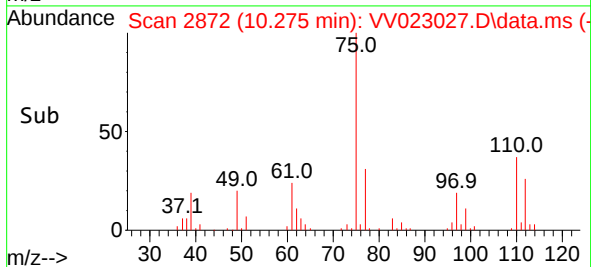
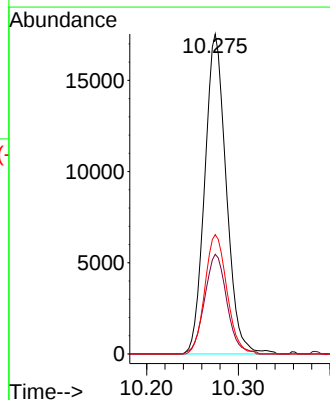
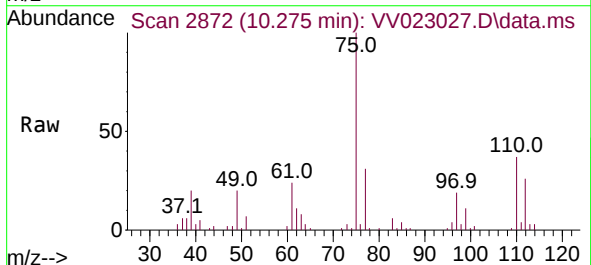
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

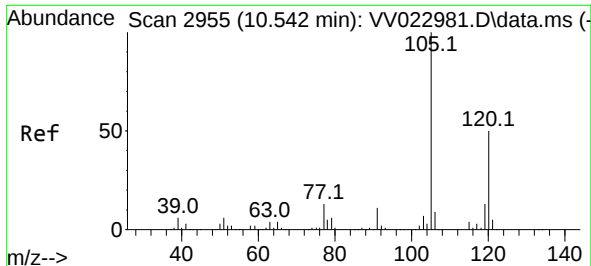
Tgt Ion:105 Resp: 200643
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 14.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.816 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 75 Resp: 28583
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 38.1 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.434 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV023027.D

Acq: 26 Oct 2021 09:46

Instrument :

MSVOA_V

ClientSampleId :

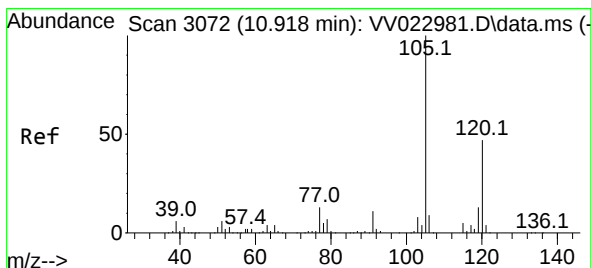
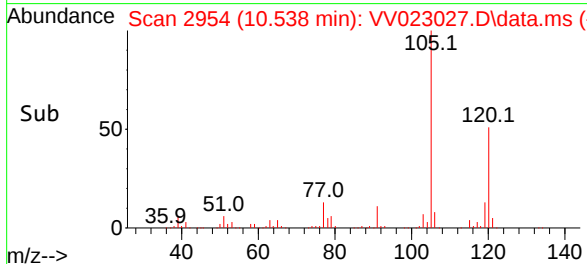
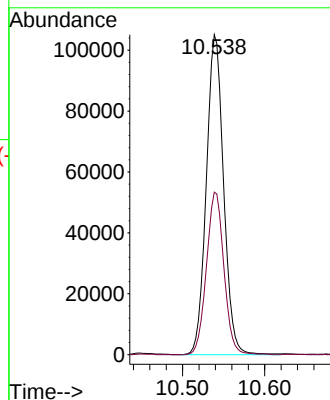
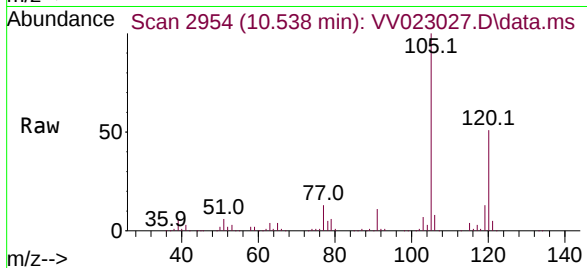
VSTD005324

Tgt Ion:105 Resp: 154110

Ion Ratio Lower Upper

105 100

120 51.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.696 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023027.D

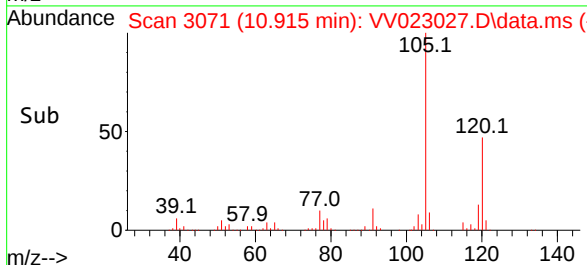
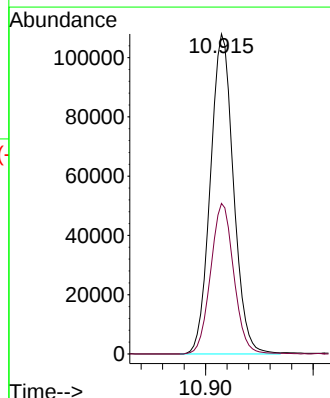
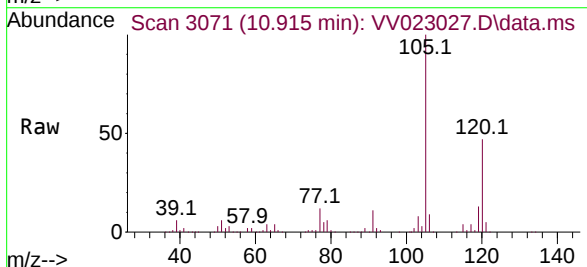
Acq: 26 Oct 2021 09:46

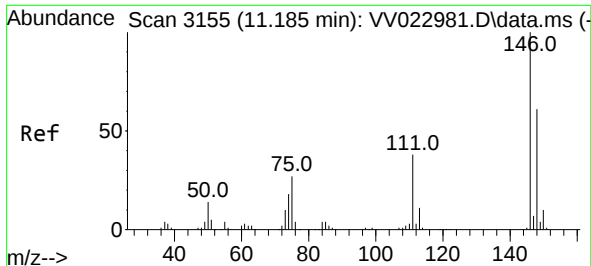
Tgt Ion:105 Resp: 161240

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.2

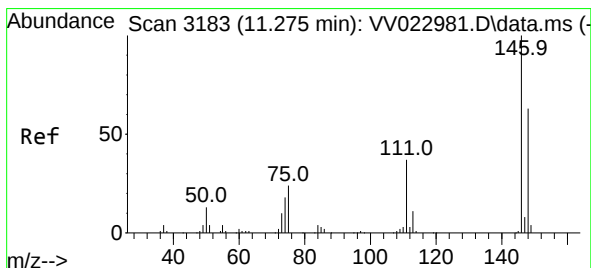
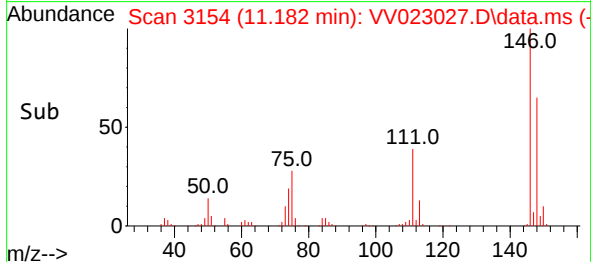
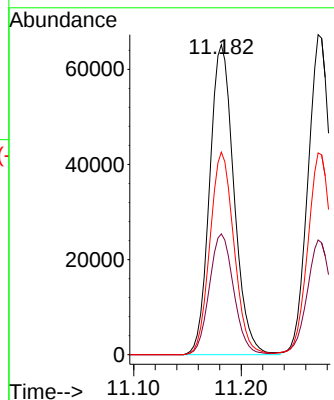
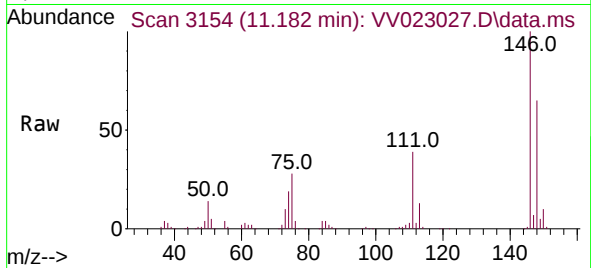




#64
1,3-Dichlorobenzene
Concen: 5.518 ug/L
RT: 11.182 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

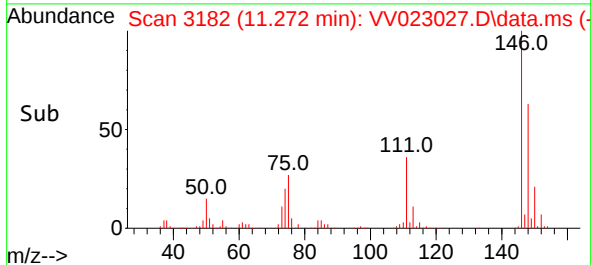
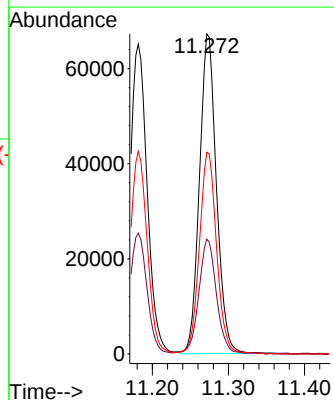
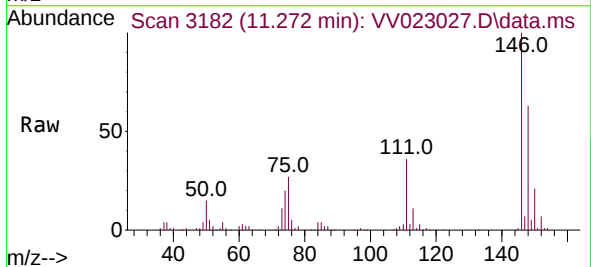
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

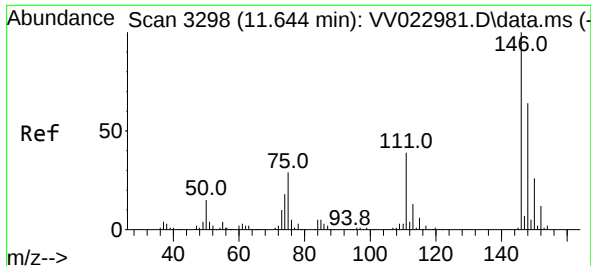
Tgt Ion:146 Resp: 102518
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 65.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.532 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:146 Resp: 104422
Ion Ratio Lower Upper
146 100
111 35.8 26.2 48.8
148 63.0 44.4 82.5

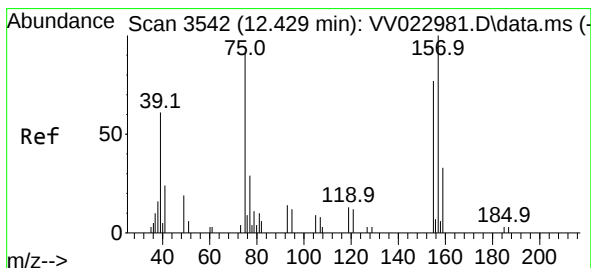
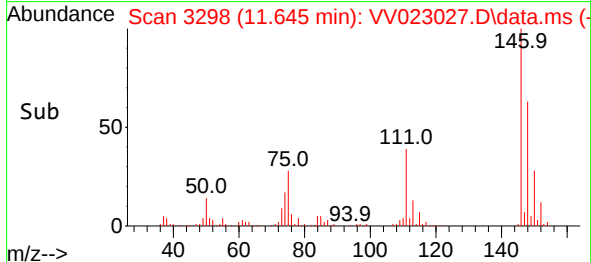
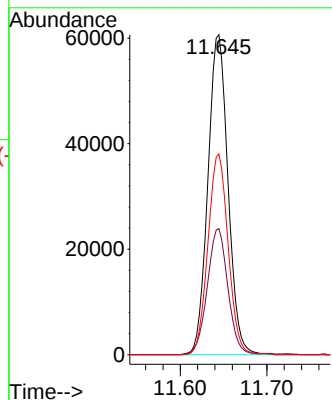
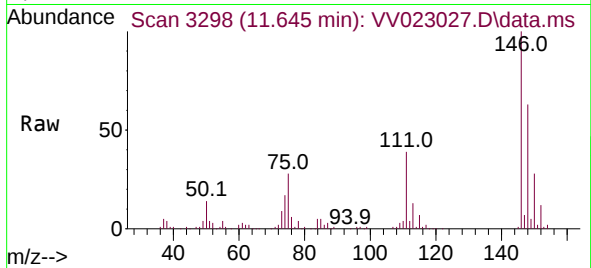




#67
1,2-Dichlorobenzene
Concen: 5.667 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

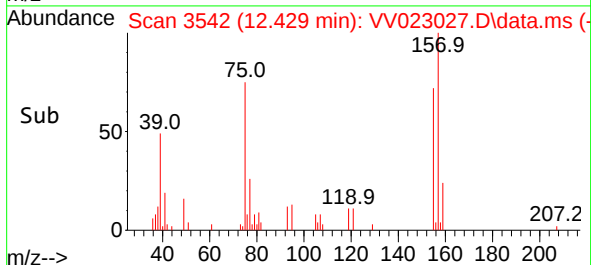
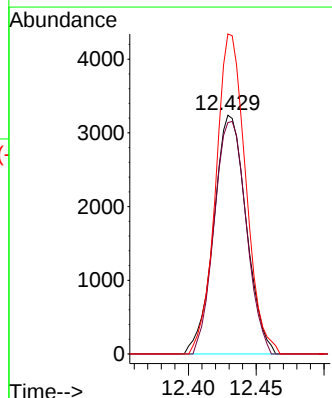
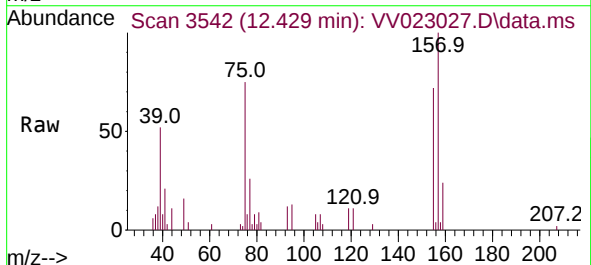
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

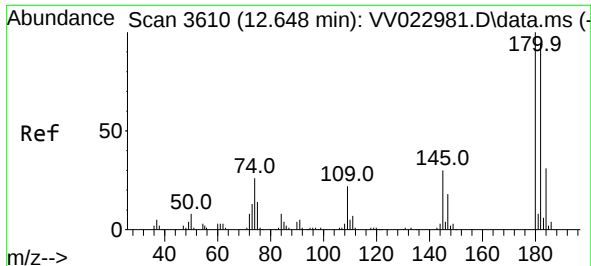
Tgt Ion:146 Resp: 98023
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 62.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.571 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion: 75 Resp: 5402
Ion Ratio Lower Upper
75 100
155 96.9 67.7 101.5
157 134.0 87.9 131.9#

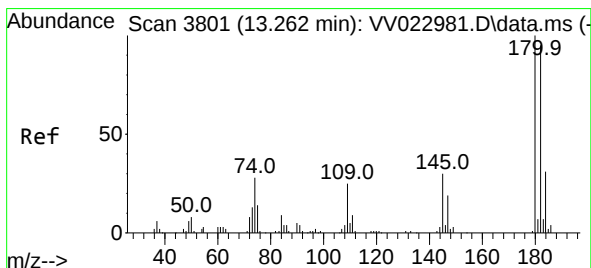
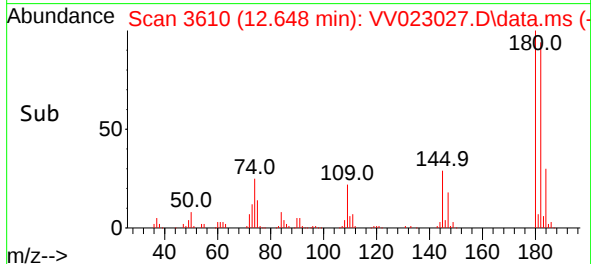
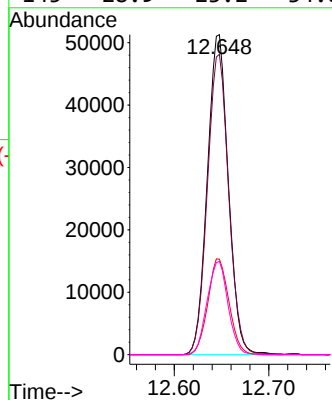
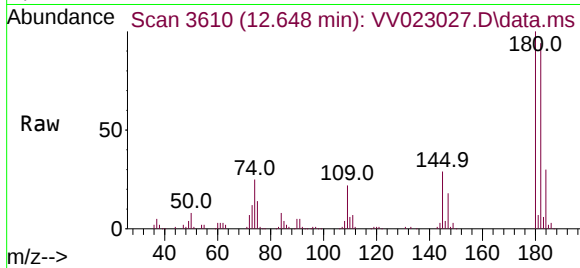




#69
1,3,5-Trichlorobenzene
Concen: 5.603 ug/L
RT: 12.648 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

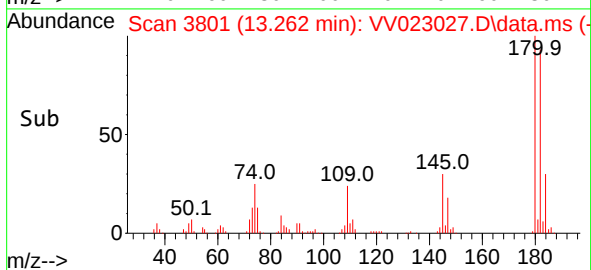
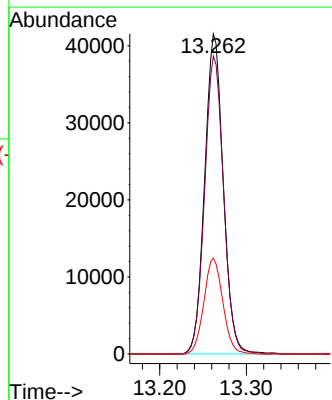
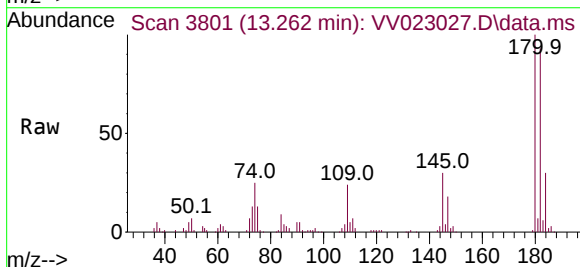
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

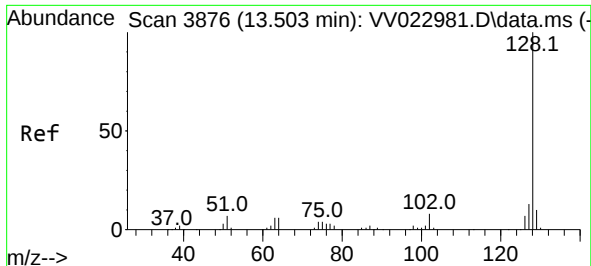
Tgt Ion:180 Resp: 79279
Ion Ratio Lower Upper
180 100
182 95.2 74.9 112.3
184 30.0 23.8 35.8
145 28.9 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.845 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:180 Resp: 61891
Ion Ratio Lower Upper
180 100
182 95.1 76.9 115.3
145 30.5 24.4 36.6

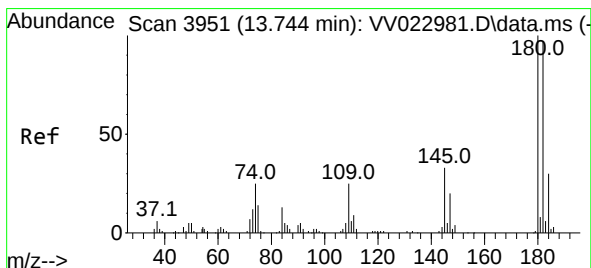
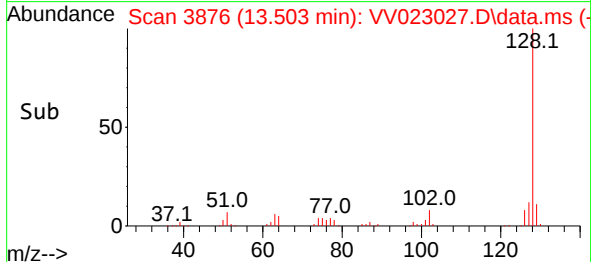
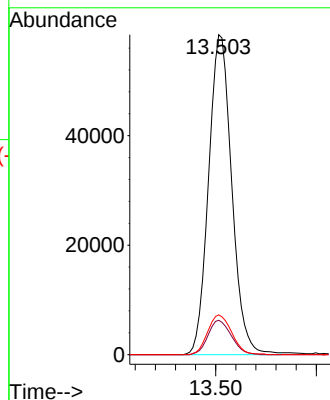
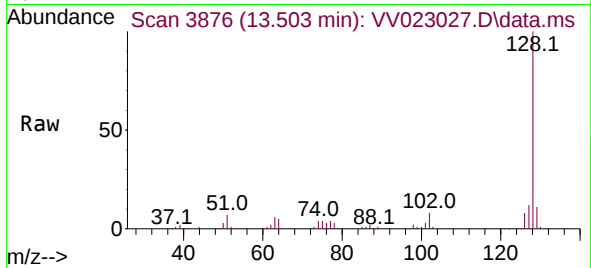




#71
Naphthalene
Concen: 5.813 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Tgt Ion:128	Resp:	93583
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.6 13.0
127	12.9	10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.857 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023027.D
Acq: 26 Oct 2021 09:46

Tgt Ion:180	Resp:	57571
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.7 115.1
145	30.7	25.7 38.5

