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 Data File : VV029056.D
 Acq On : 17 Nov 2022 11:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Nov 18 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 07:04:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	283201	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69644	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	57888	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.108	63	130252	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.899	46	95045	32.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.780%
24) Chloroform-d	4.339	84	164907	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	70408	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.043	84	333903	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.063	67	92734	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.307	98	324167	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.619	79	34375	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	144981	47.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.240%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70617	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	121858	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	113145	4.793	ug/L	98
3) Chloromethane	1.240	50	84001	4.287	ug/L	100
5) Vinyl chloride	1.310	62	98522	4.408	ug/L	97
6) Bromomethane	1.523	94	61153	4.578	ug/L	98
8) Chloroethane	1.584	64	59088	4.499	ug/L	95
9) Trichlorofluoromethane	1.751	101	152435	5.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86114	5.047	ug/L	93
12) 1,1-Dichloroethene	2.117	96	86012	5.017	ug/L	86
13) Acetone	2.191	43	48237	25.946	ug/L	73
14) Carbon disulfide	2.291	76	266595	4.379	ug/L	100
15) Methyl Acetate	2.436	43	18191	4.032	ug/L	96
16) Methylene chloride	2.503	84	122858	5.542	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	180959	4.923	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	98494	4.953	ug/L	96
19) 1,1-Dichloroethane	3.182	63	160199	4.928	ug/L	99
21) 2-Butanone	3.979	43	89126	30.964	ug/L	81
22) cis-1,2-Dichloroethene	3.905	96	105234	5.206	ug/L	95
23) Bromochloromethane	4.243	128	44009	5.148	ug/L	94
25) Chloroform	4.368	83	172400	5.059	ug/L	96

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 ALS Vial : 2 Sample Multiplier: 1

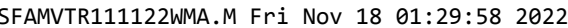
Instrument :
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 ClientSampleId :
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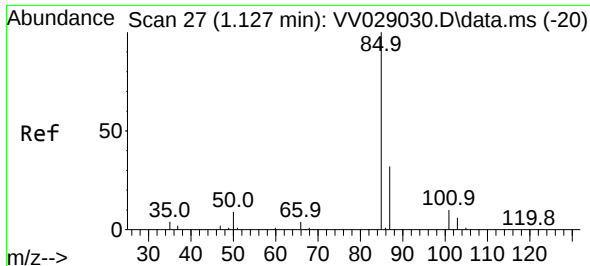
Quant Time: Nov 18 01:29:49 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 07:04:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	87383	4.979	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	151041	4.905	ug/L	97
30) Cyclohexane	4.670	56	145773	4.658	ug/L	98
31) Carbon tetrachloride	4.821	117	129002	4.865	ug/L	99
33) Benzene	5.091	78	390495	4.870	ug/L	100
34) Trichloroethene	5.908	95	102642	5.000	ug/L	97
35) Methylcyclohexane	6.124	83	174757	4.844	ug/L	98
37) 1,2-Dichloropropane	6.165	63	86425	4.674	ug/L	99
38) Bromodichloromethane	6.503	83	110226	4.707	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	123912	4.800	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	386494	48.581	ug/L	94
42) Toluene	7.381	91	436300	5.037	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	94659	4.723	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	65189	5.386	ug/L	98
47) Tetrachloroethene	7.969	164	90127	5.483	ug/L	97
48) 2-Hexanone	8.136	43	280947	50.414	ug/L	98
49) Dibromochloromethane	8.239	129	75494	5.159	ug/L	98
50) 1,2-Dibromoethane	8.345	107	60363	5.368	ug/L #	97
51) Chlorobenzene	8.876	112	285043	5.322	ug/L	96
52) Ethylbenzene	9.005	91	465519	5.162	ug/L	99
53) m,p-Xylene	9.130	106	185297	5.166	ug/L	100
54) o-Xylene	9.535	106	178467	5.234	ug/L	96
55) Styrene	9.554	104	297613	5.204	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	71102	5.040	ug/L	97
59) Bromoform	9.725	173	38894	5.193	ug/L	99
60) Isopropylbenzene	9.921	105	462439	5.185	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	47407	5.049	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	390082	5.163	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	387149	5.116	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	221160	5.278	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	218988	5.198	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	200367	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7940	4.298	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.635	180	172876	5.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	128734	5.265	ug/L	97
71) Naphthalene	13.493	128	161471	5.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111882	5.402	ug/L	99

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

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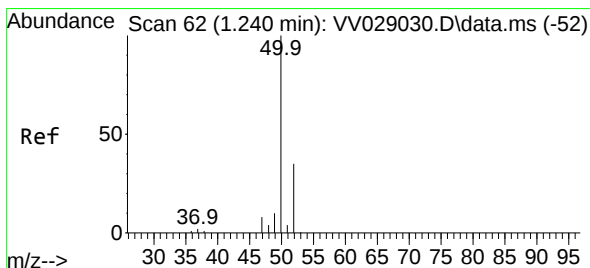
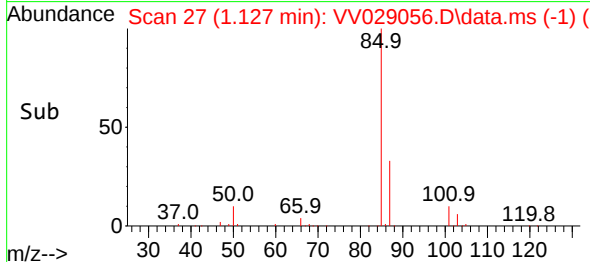
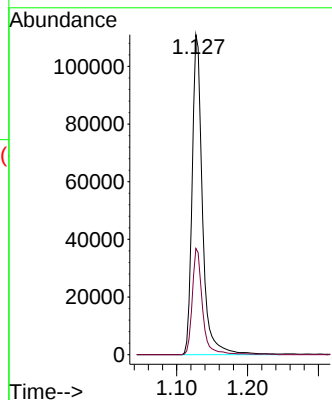
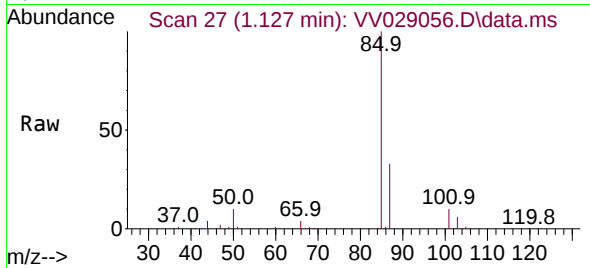




#2
 Dichlorodifluoromethane
 Concen: 4.793 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029056.D
 Acq: 17 Nov 2022 11:47

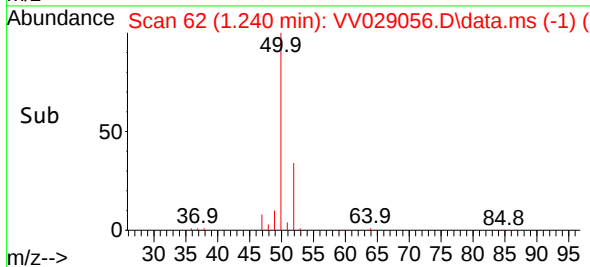
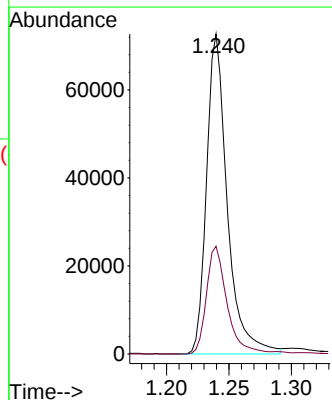
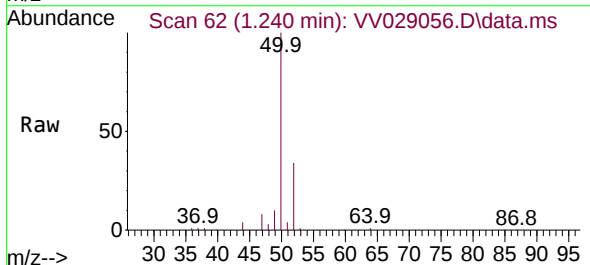
Instrument :
 MSVOA_V
 ClientSampleId :
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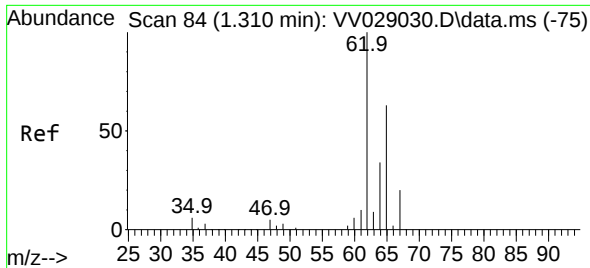
Tgt Ion: 85 Resp: 113145
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4



#3
 Chloromethane
 Concen: 4.287 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029056.D
 Acq: 17 Nov 2022 11:47

Tgt Ion: 50 Resp: 84001
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9

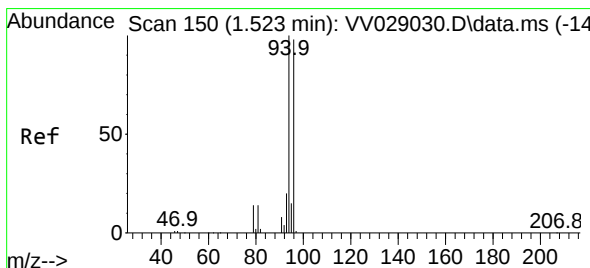
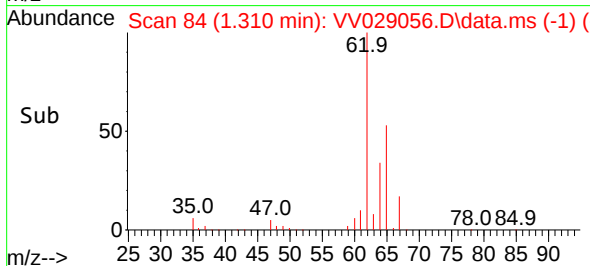
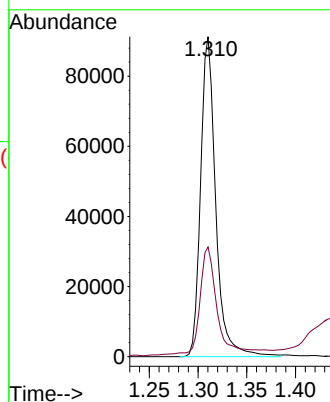
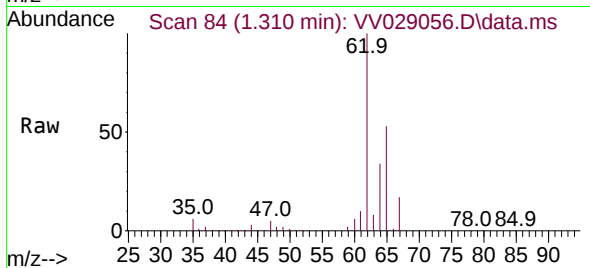




#5
 Vinyl chloride
 Concen: 4.408 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029056.D
 Acq: 17 Nov 2022 11:47

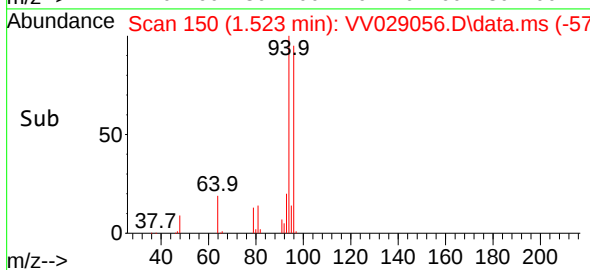
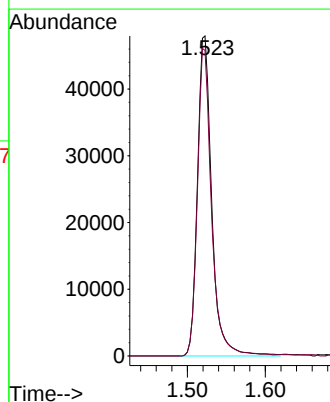
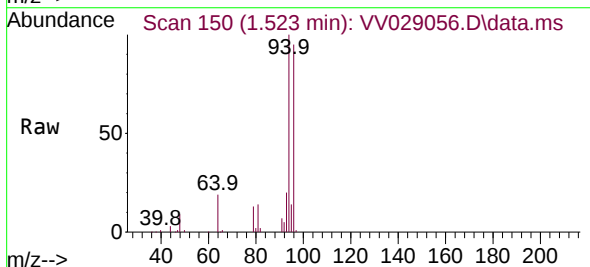
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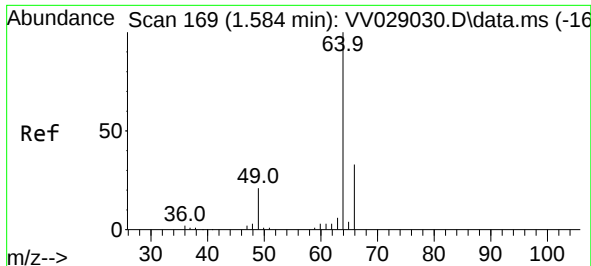
Tgt Ion: 62 Resp: 98522
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.578 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029056.D
 Acq: 17 Nov 2022 11:47

Tgt Ion: 94 Resp: 61153
 Ion Ratio Lower Upper
 94 100
 96 95.5 68.5 127.3

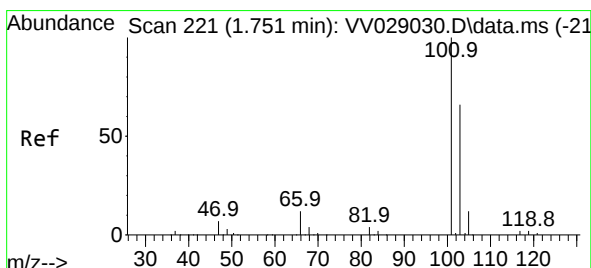
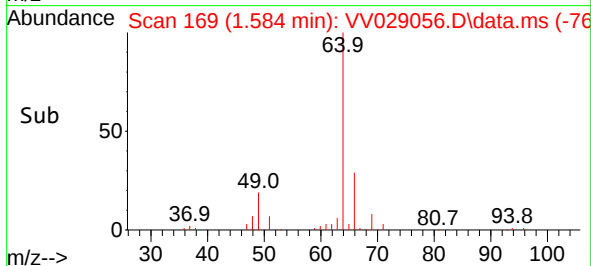
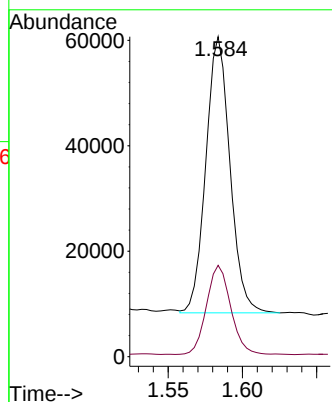
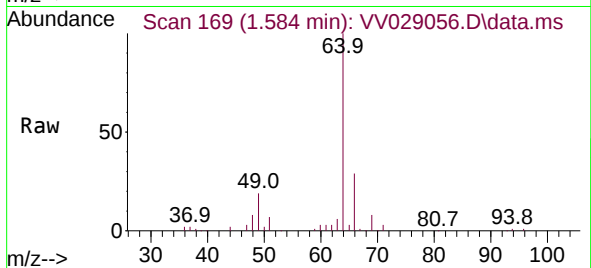




#8
Chloroethane
Concen: 4.499 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

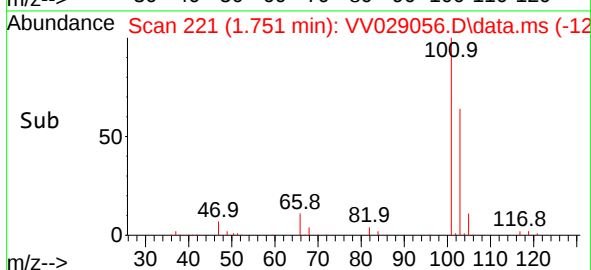
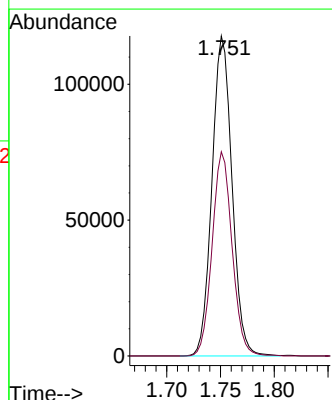
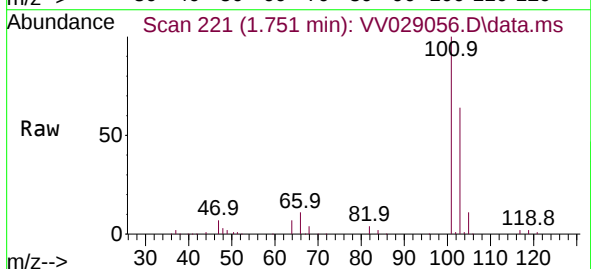
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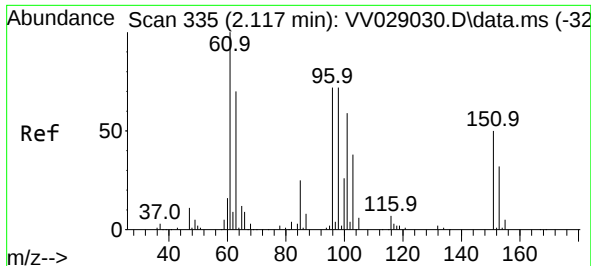
Tgt Ion: 64 Resp: 59088
Ion Ratio Lower Upper
64 100
66 28.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.059 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:101 Resp: 152435
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9

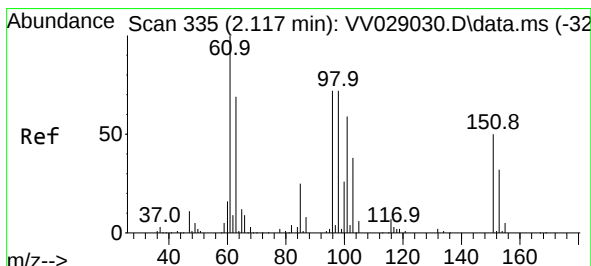
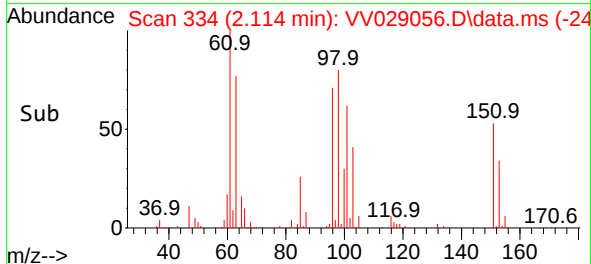
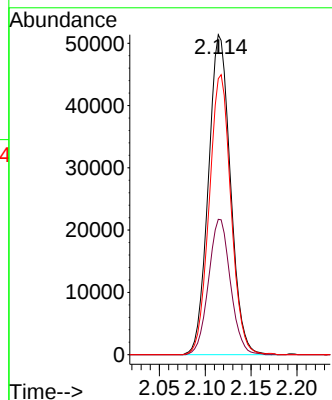
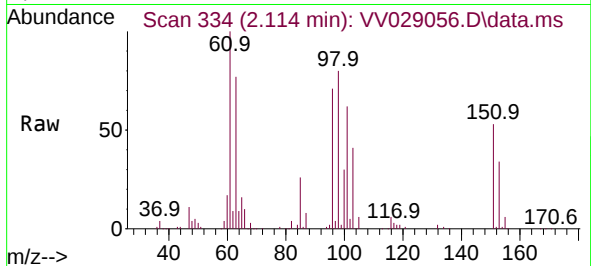




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.047 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV029056.D
 Acq: 17 Nov 2022 11:47

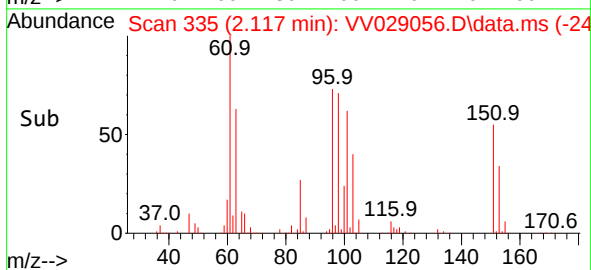
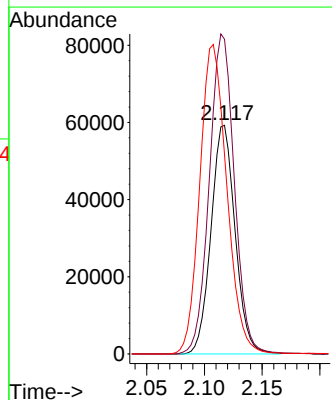
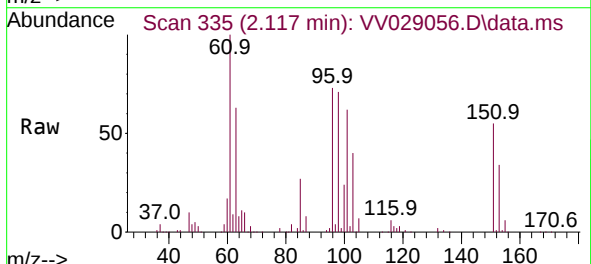
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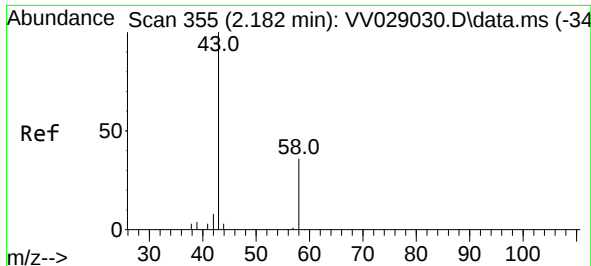
Tgt Ion:101 Resp: 86114
 Ion Ratio Lower Upper
 101 100
 85 41.9 32.9 49.3
 151 86.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.017 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029056.D
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Tgt Ion: 96 Resp: 86012
 Ion Ratio Lower Upper
 96 100
 61 137.6 104.2 193.4
 63 87.2 75.9 140.9

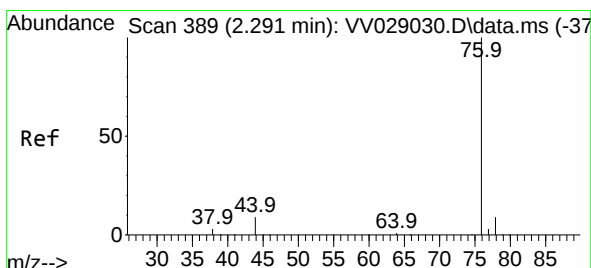
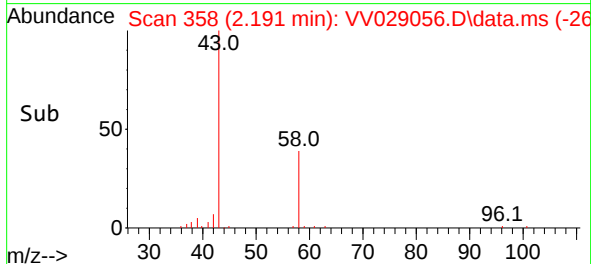
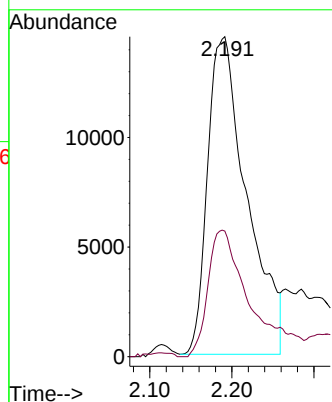
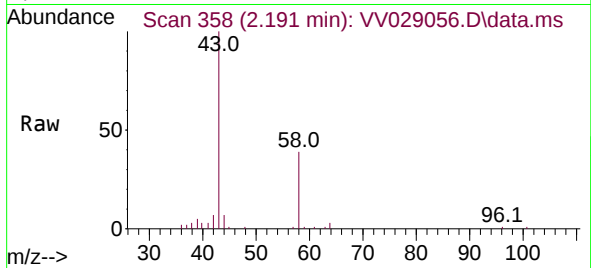




#13
Acetone
Concen: 25.946 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

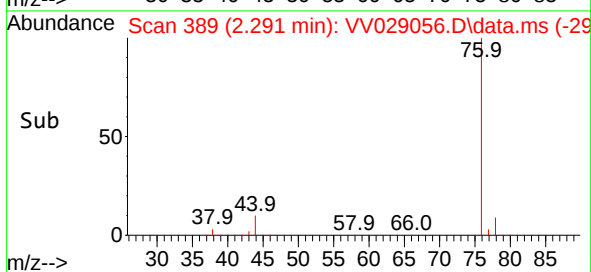
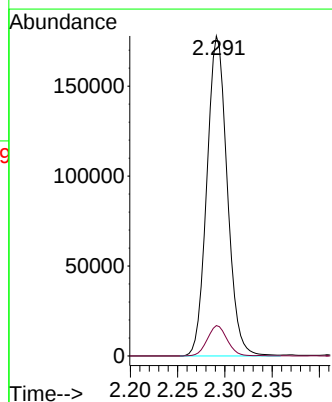
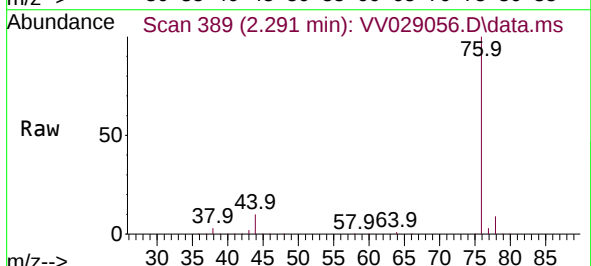
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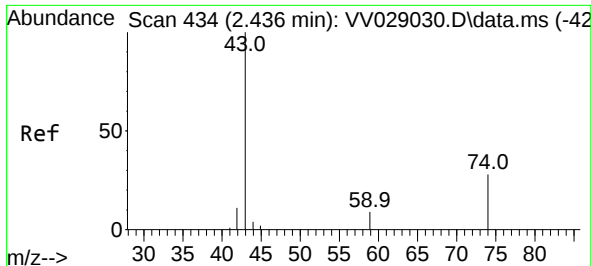
Tgt Ion: 43 Resp: 48237
Ion Ratio Lower Upper
43 100
58 42.8 0.0 56.6



#14
Carbon disulfide
Concen: 4.379 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 266595
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

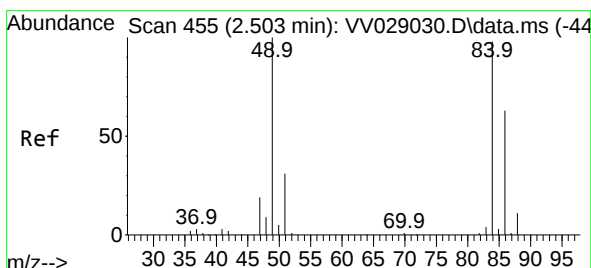
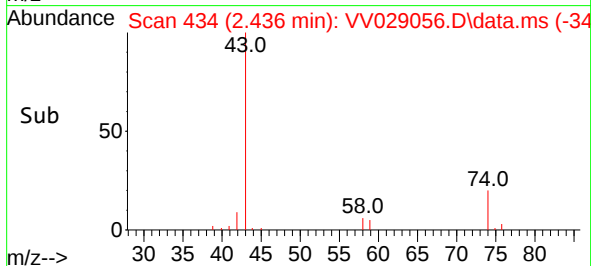
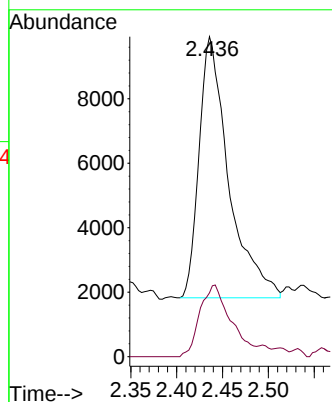
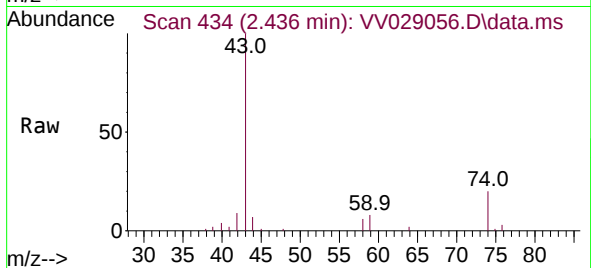




#15
Methyl Acetate
Concen: 4.032 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

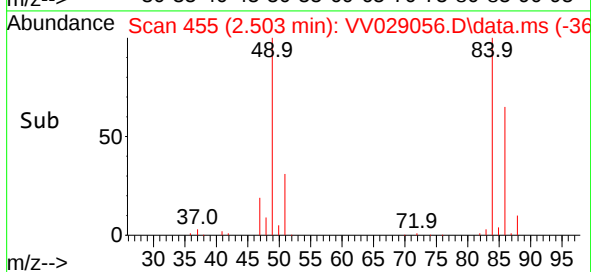
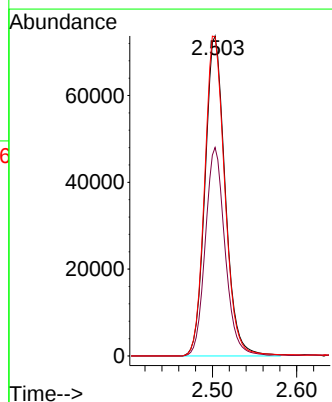
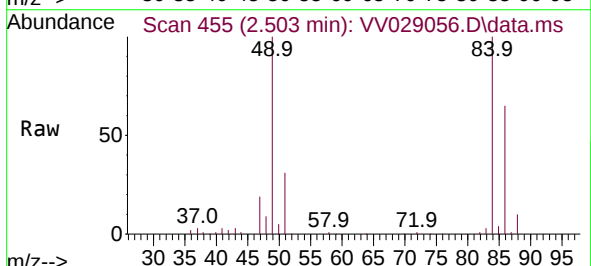
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

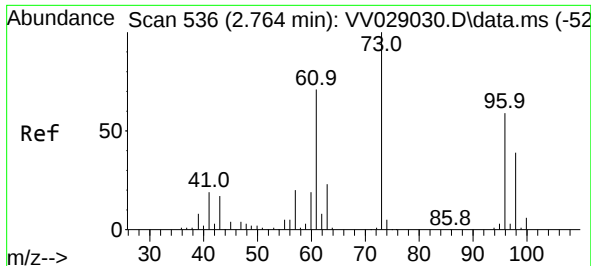
Tgt Ion: 43 Resp: 18191
Ion Ratio Lower Upper
43 100
74 28.9 24.6 37.0



#16
Methylene chloride
Concen: 5.542 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 84 Resp: 122858
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.0
49 99.7 75.5 140.1

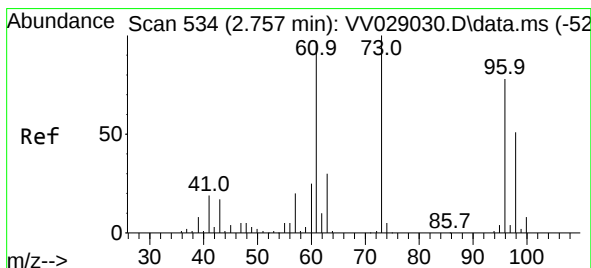
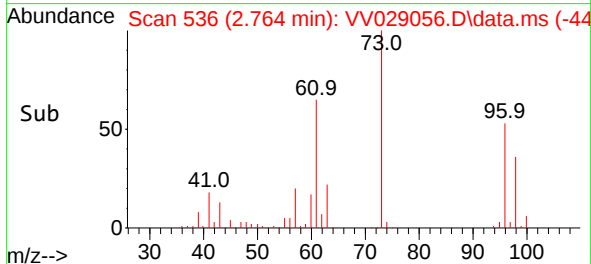
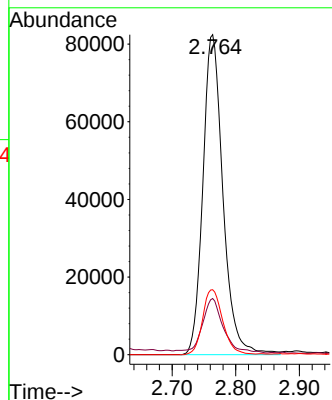
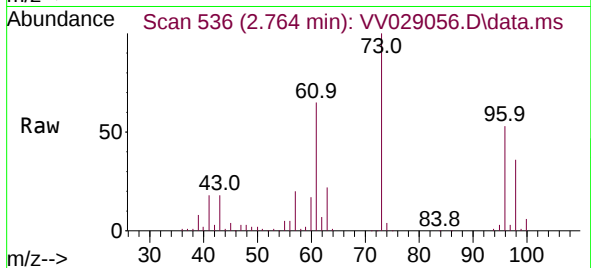




#17
Methyl tert-butyl Ether
Concen: 4.923 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

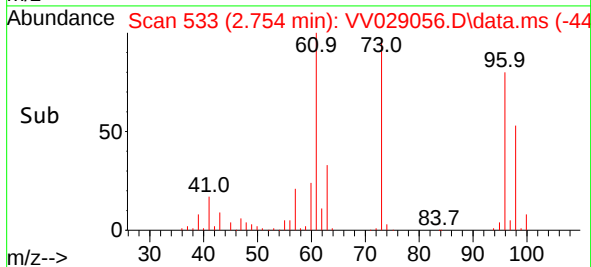
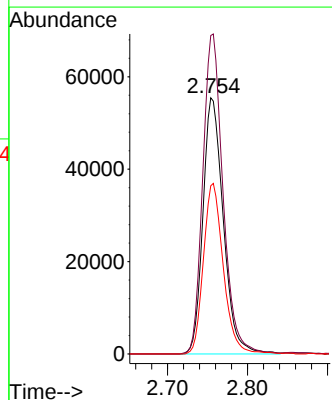
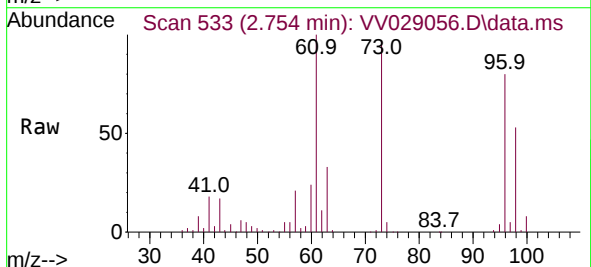
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

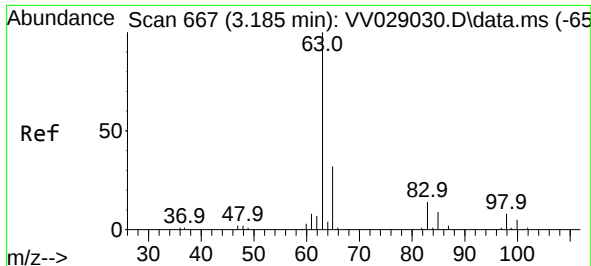
Tgt Ion: 73 Resp: 180959
Ion Ratio Lower Upper
73 100
43 17.9 13.0 19.4
57 20.4 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.953 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 96 Resp: 98494
Ion Ratio Lower Upper
96 100
61 124.3 91.8 170.6
98 65.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 4.928 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

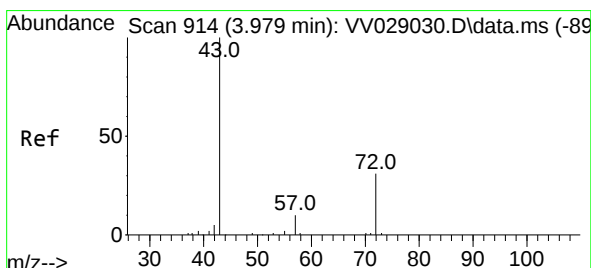
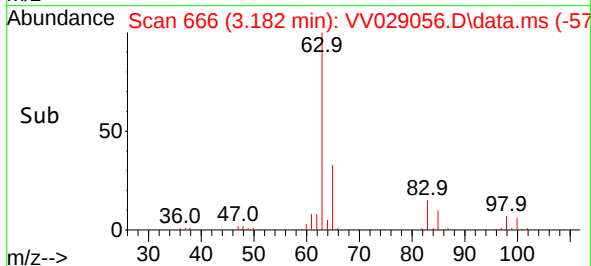
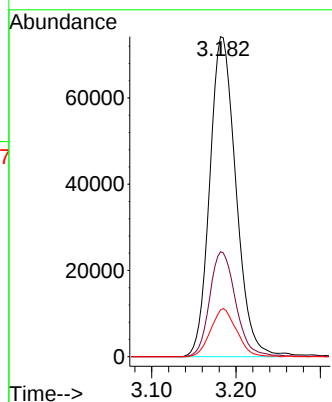
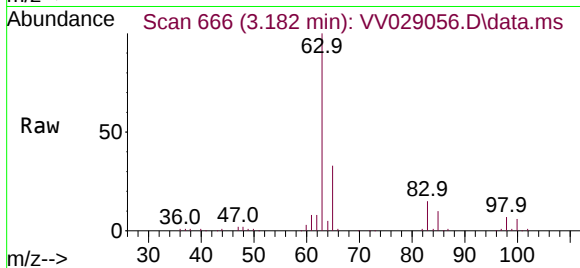
Tgt Ion: 63 Resp: 160199

Ion Ratio Lower Upper

63 100

65 32.8 23.0 42.6

83 14.6 9.4 17.6



#21

2-Butanone

Concen: 30.964 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.010 min

Lab File: VV029056.D

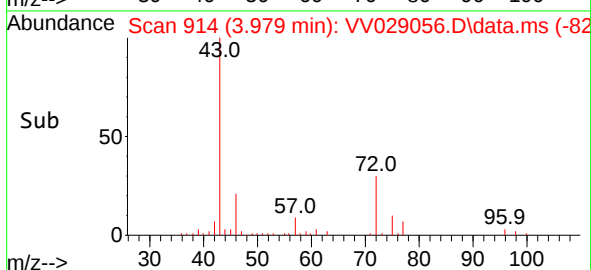
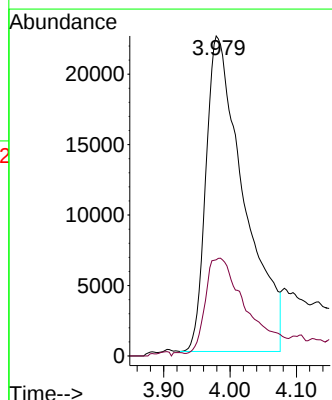
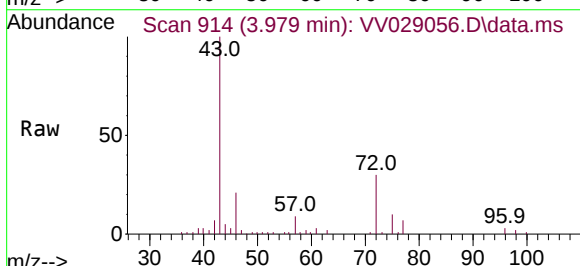
Acq: 17 Nov 2022 11:47

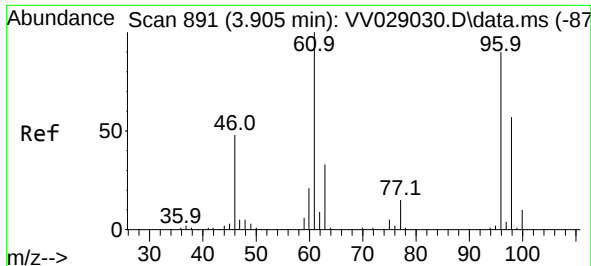
Tgt Ion: 43 Resp: 89126

Ion Ratio Lower Upper

43 100

72 33.2 11.9 35.9

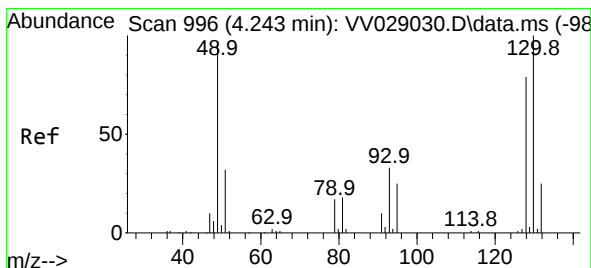
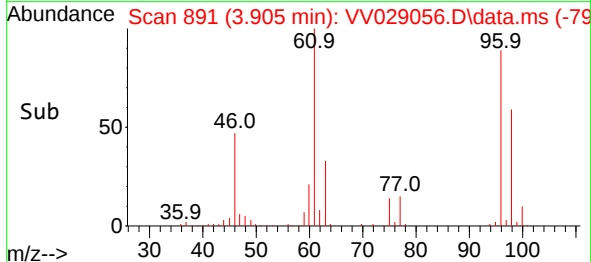
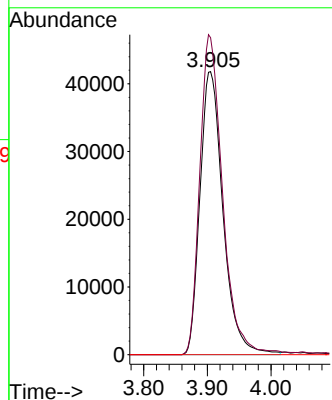
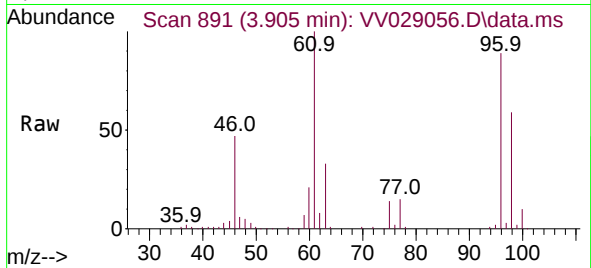




#22
cis-1,2-Dichloroethene
Concen: 5.206 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

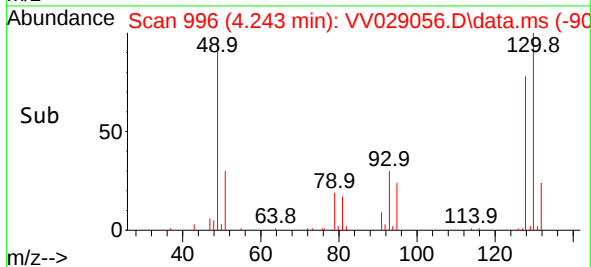
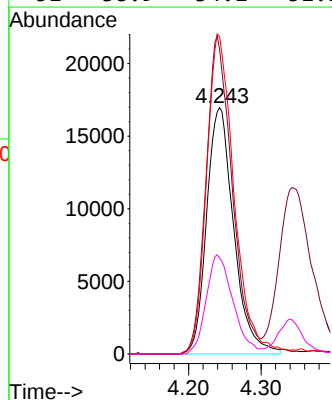
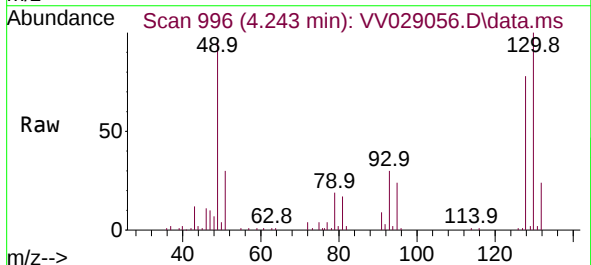
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

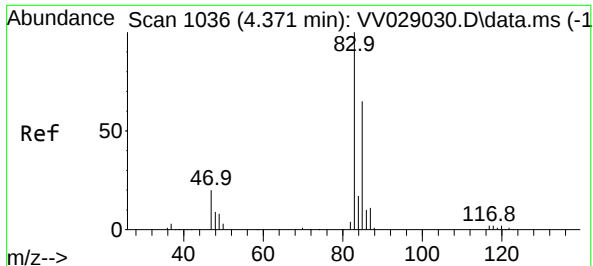
Tgt Ion: 96 Resp: 105234
Ion Ratio Lower Upper
96 100
61 112.0 82.3 152.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.148 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 128 Resp: 44009
Ion Ratio Lower Upper
128 100
49 123.7 89.5 166.1
130 128.9 84.4 156.8
51 38.9 34.1 51.1





#25

Chloroform

Concen: 5.059 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

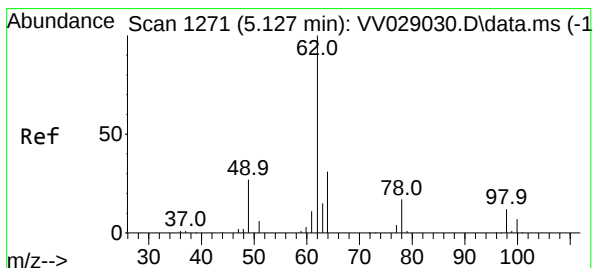
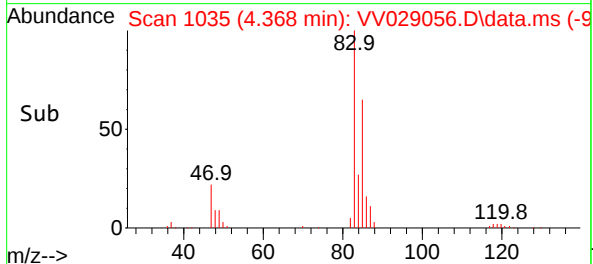
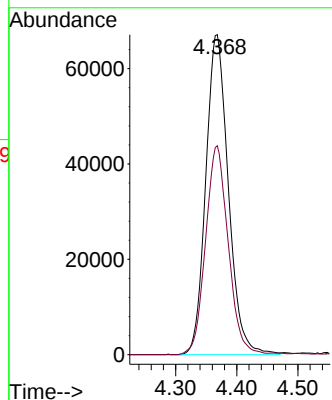
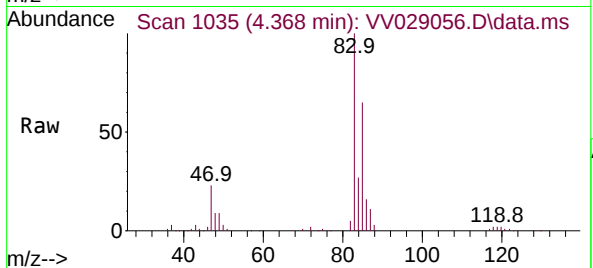
VSTD005352

Tgt Ion: 83 Resp: 172400

Ion Ratio Lower Upper

83 100

85 65.3 43.7 81.1



#27

1,2-Dichloroethane

Concen: 4.979 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV029056.D

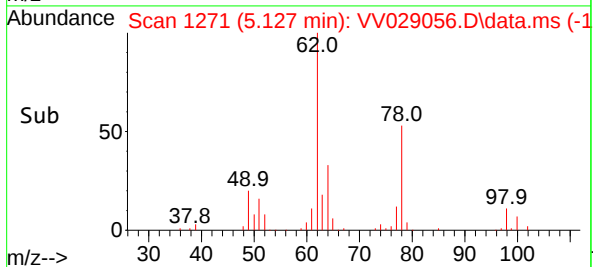
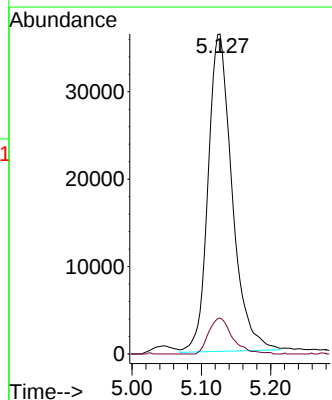
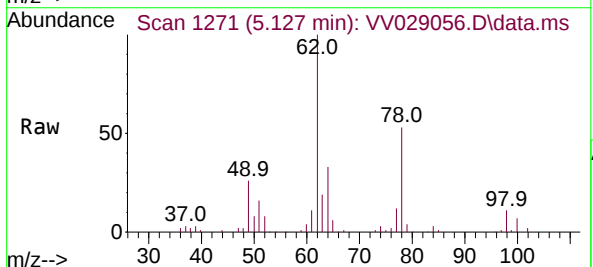
Acq: 17 Nov 2022 11:47

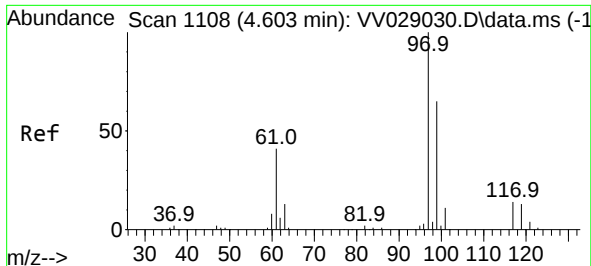
Tgt Ion: 62 Resp: 87383

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.905 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

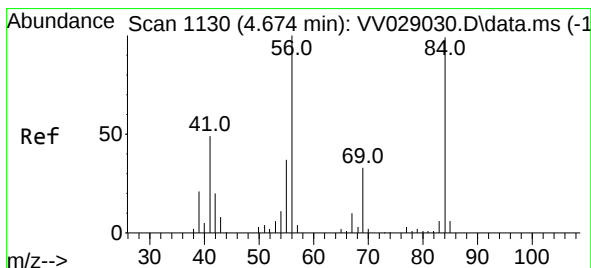
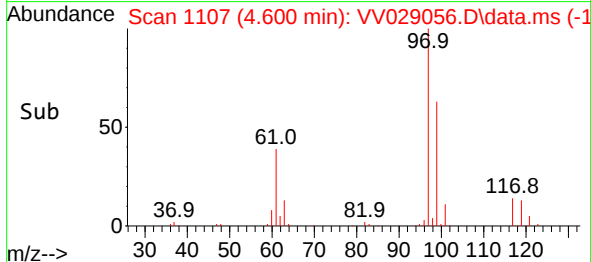
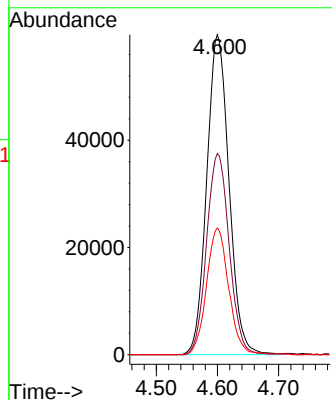
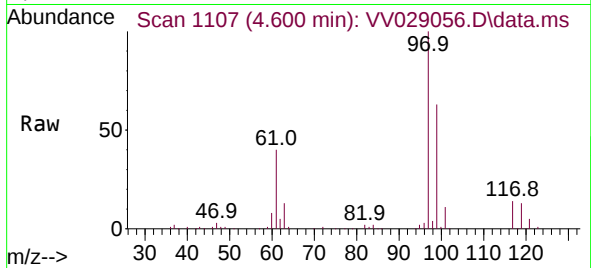
Tgt Ion: 97 Resp: 151041

Ion Ratio Lower Upper

97 100

99 63.8 52.7 79.1

61 39.5 33.8 50.6



#30

Cyclohexane

Concen: 4.658 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

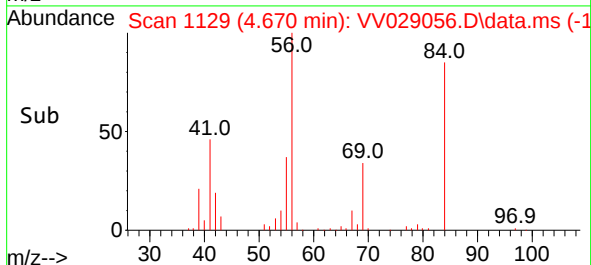
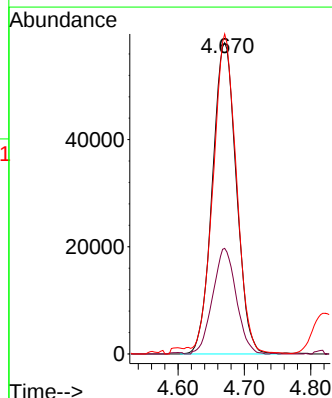
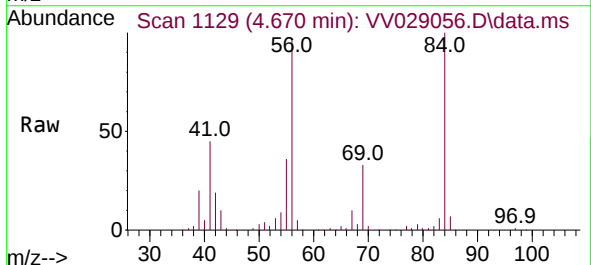
Tgt Ion: 56 Resp: 145773

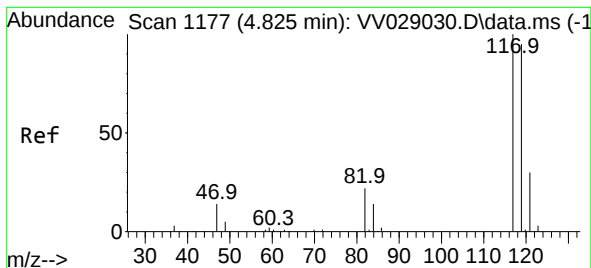
Ion Ratio Lower Upper

56 100

69 33.4 26.1 39.1

84 100.1 77.9 116.9





#31

Carbon tetrachloride

Concen: 4.865 ug/L

RT: 4.821 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

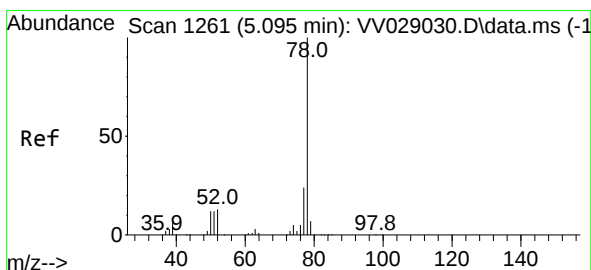
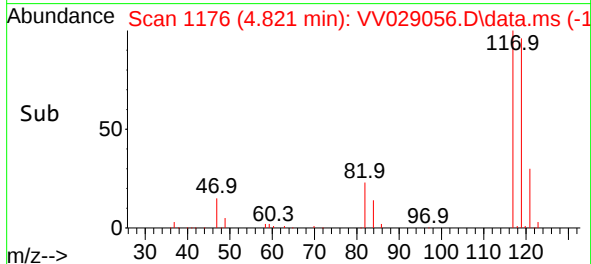
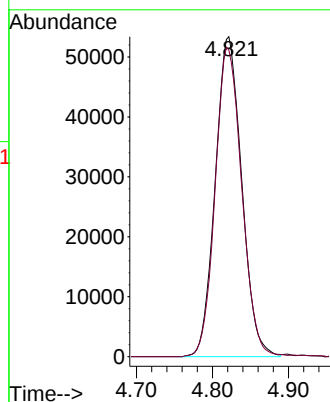
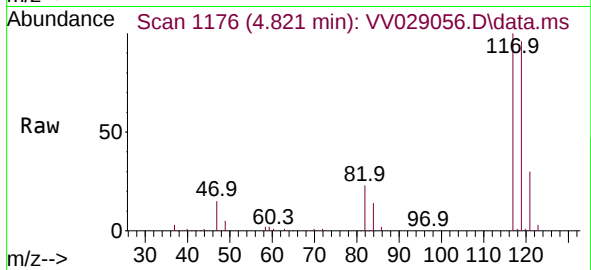
VSTD005352

Tgt Ion:117 Resp: 129002

Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.6



#33

Benzene

Concen: 4.870 ug/L

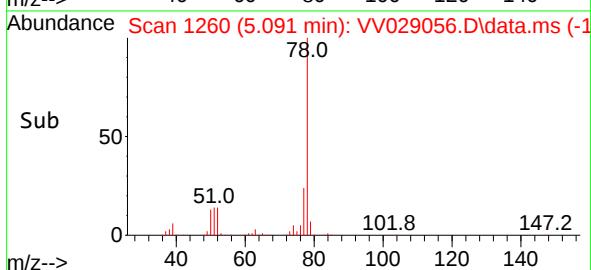
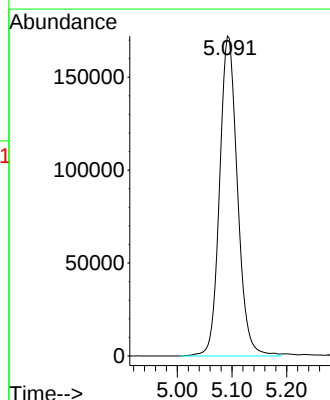
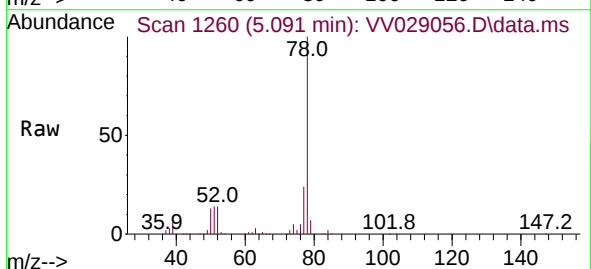
RT: 5.091 min Scan# 1260

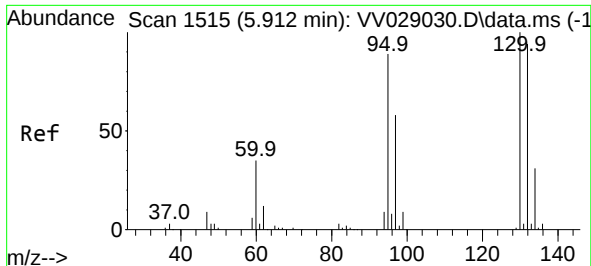
Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Tgt Ion: 78 Resp: 390495

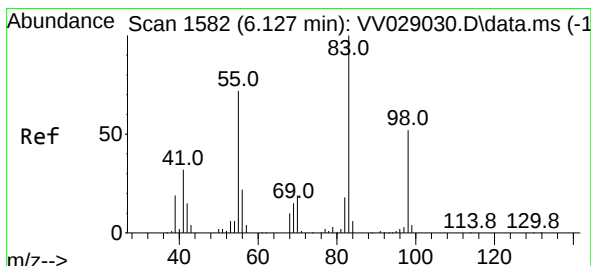
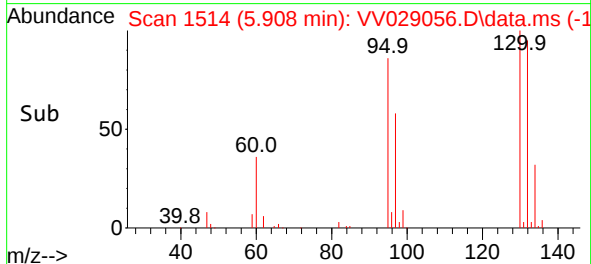
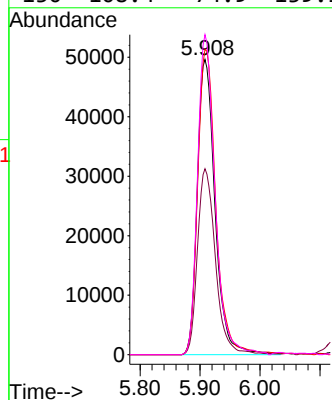
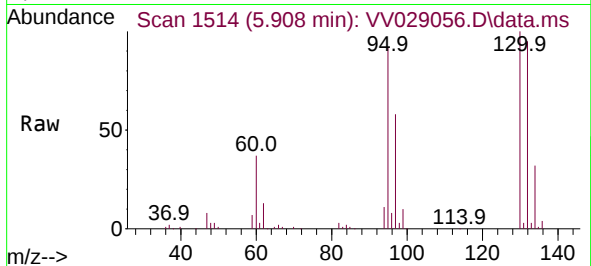




#34
Trichloroethene
Concen: 5.000 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

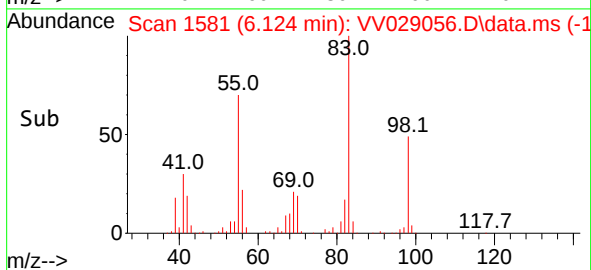
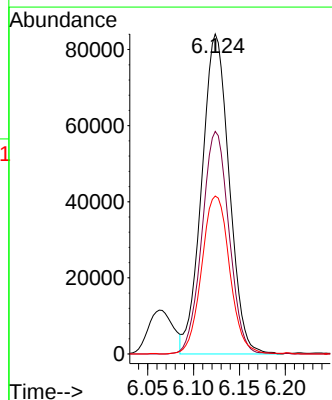
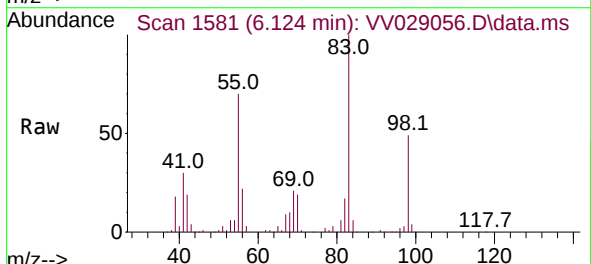
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

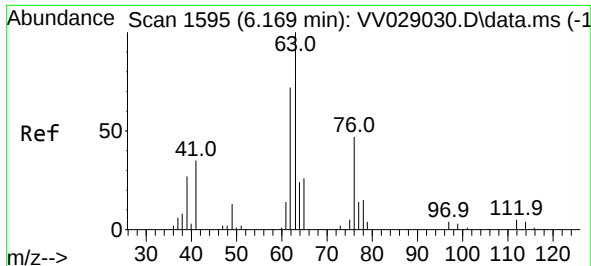
Tgt Ion: 95 Resp: 102642
Ion Ratio Lower Upper
95 100
97 63.0 45.6 84.8
132 103.5 69.1 128.3
130 108.4 74.9 139.1



#35
Methylcyclohexane
Concen: 4.844 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 83 Resp: 174757
Ion Ratio Lower Upper
83 100
55 68.6 55.8 83.6
98 50.4 38.2 57.2





#37

1,2-Dichloropropane

Concen: 4.674 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

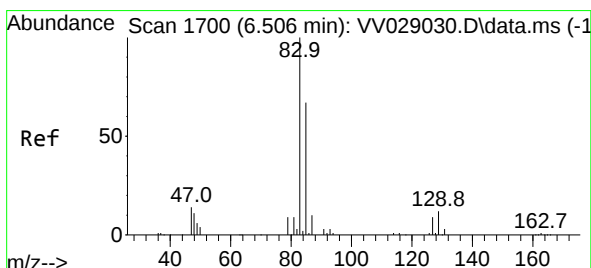
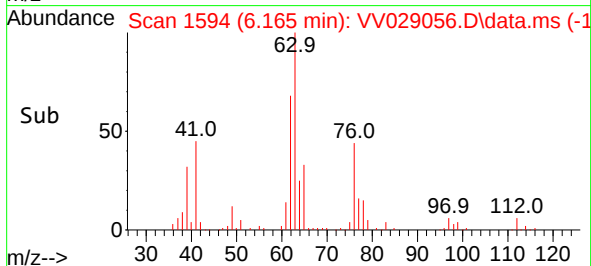
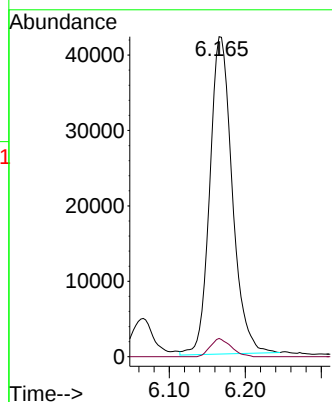
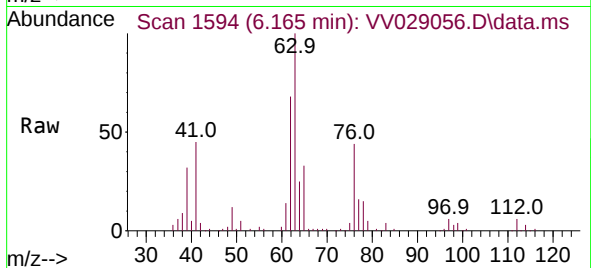
VSTD005352

Tgt Ion: 63 Resp: 86425

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 4.707 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

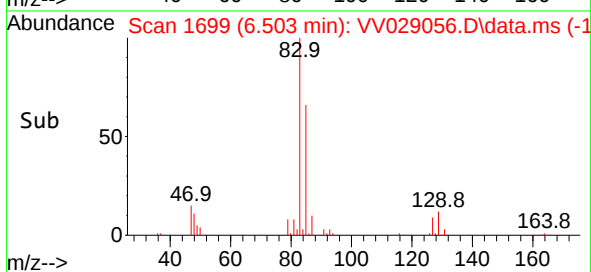
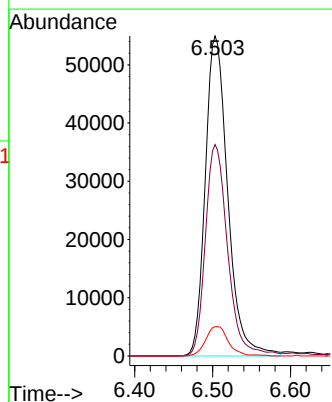
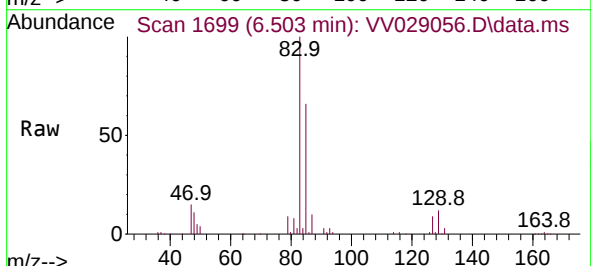
Tgt Ion: 83 Resp: 110226

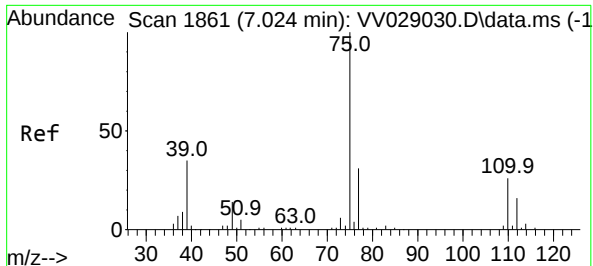
Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.5

127 9.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.800 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

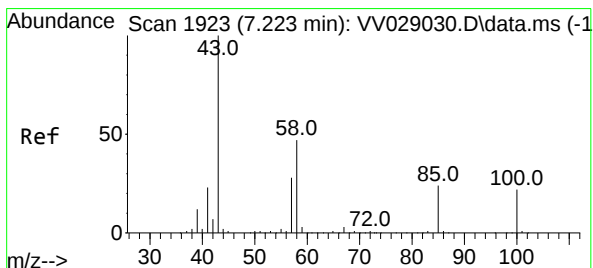
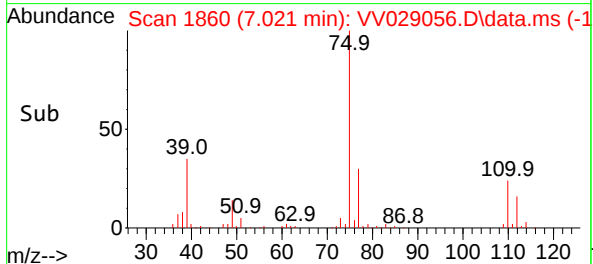
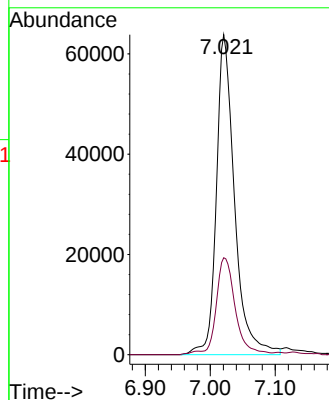
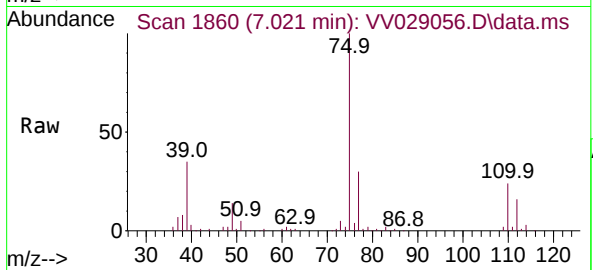
VSTD005352

Tgt Ion: 75 Resp: 123912

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.581 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

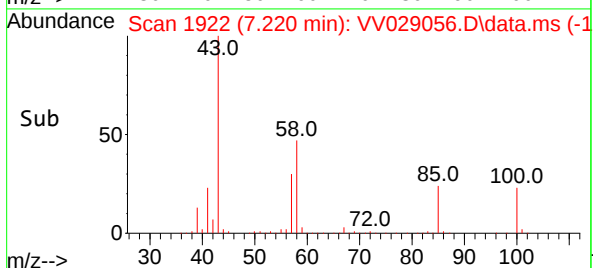
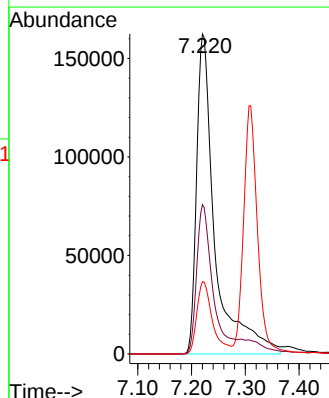
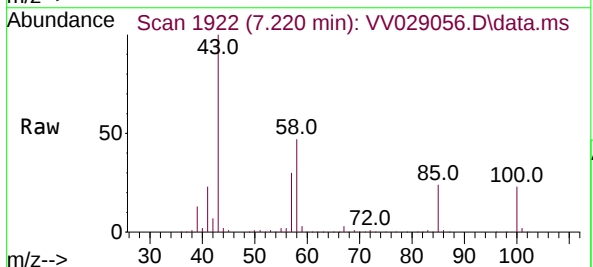
Tgt Ion: 43 Resp: 386494

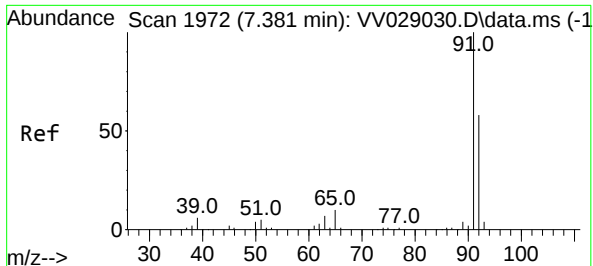
Ion Ratio Lower Upper

43 100

58 40.7 36.6 55.0

100 19.3 14.5 21.7





#42

Toluene

Concen: 5.037 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

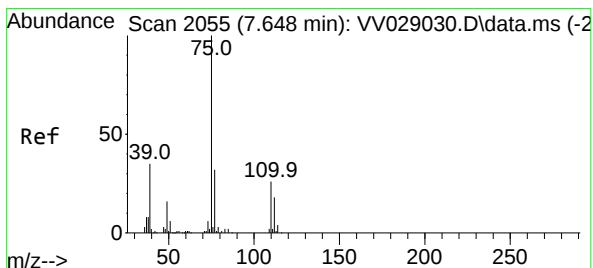
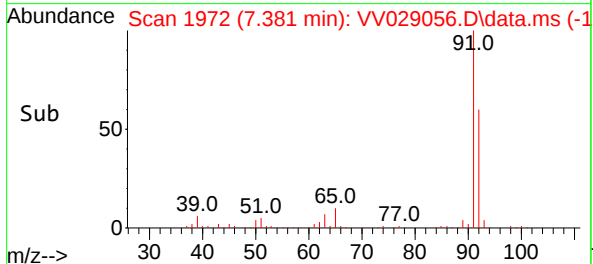
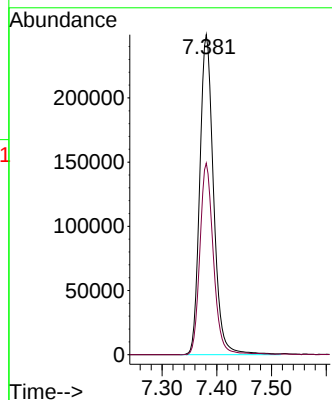
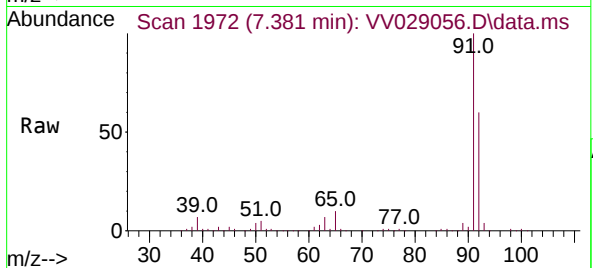
VSTD005352

Tgt Ion: 91 Resp: 436300

Ion Ratio Lower Upper

91 100

92 59.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.723 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV029056.D

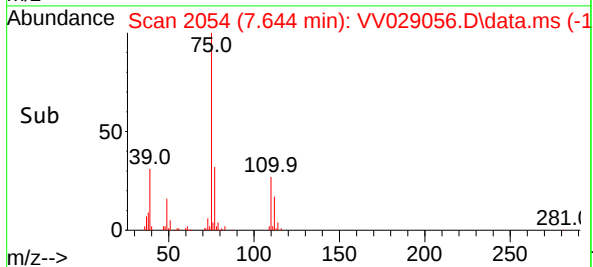
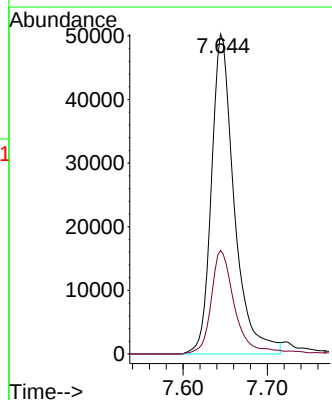
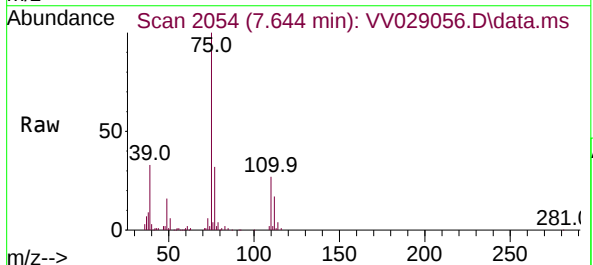
Acq: 17 Nov 2022 11:47

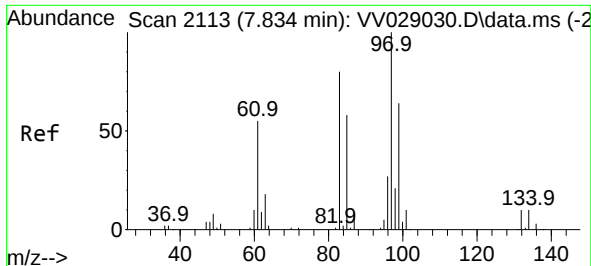
Tgt Ion: 75 Resp: 94659

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2

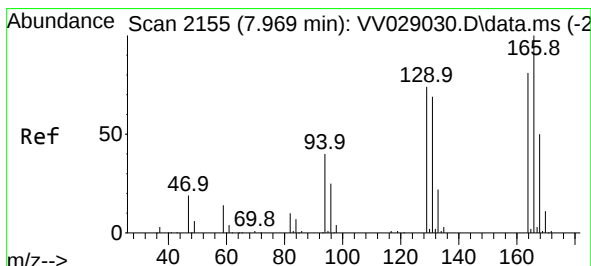
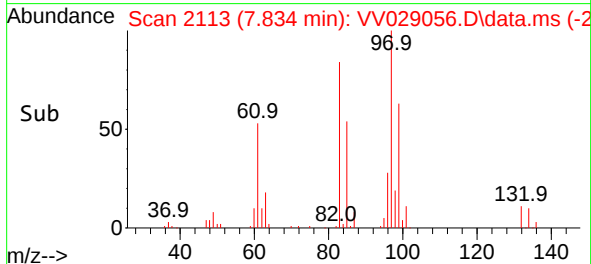
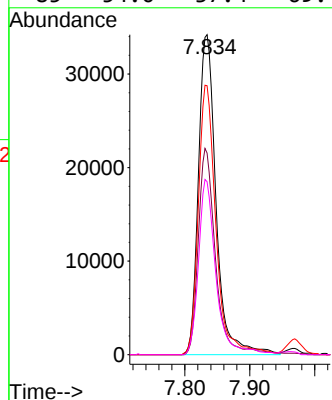
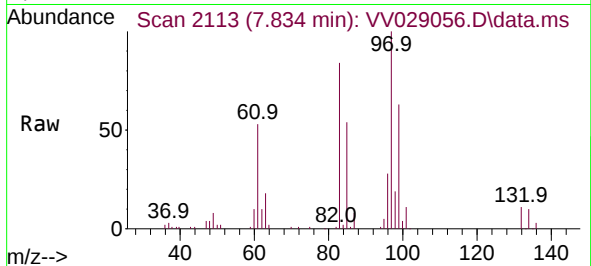




#45
1,1,2-Trichloroethane
Concen: 5.386 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

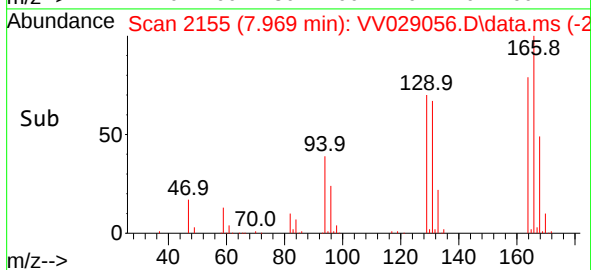
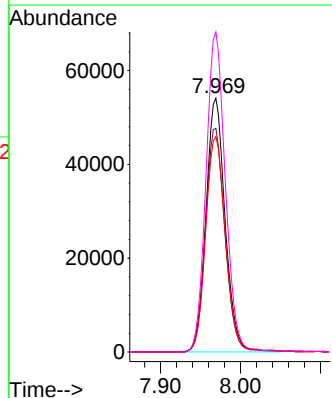
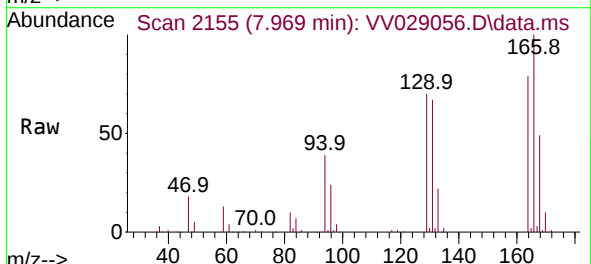
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

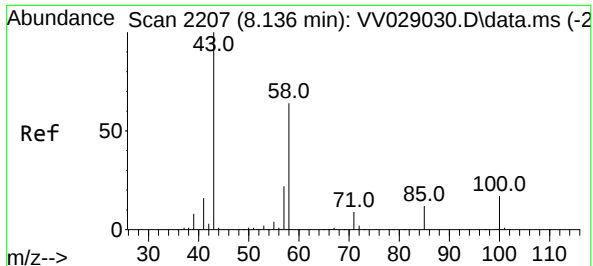
Tgt Ion:	97	Resp:	65189
Ion	Ratio	Lower	Upper
97	100		
99	63.0	41.5	77.1
83	84.1	60.0	111.4
85	54.0	37.4	69.4



#47
Tetrachloroethene
Concen: 5.483 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:	164	Resp:	90127
Ion	Ratio	Lower	Upper
164	100		
129	88.2	63.9	118.7
131	84.9	61.8	114.8
166	126.1	90.2	167.4



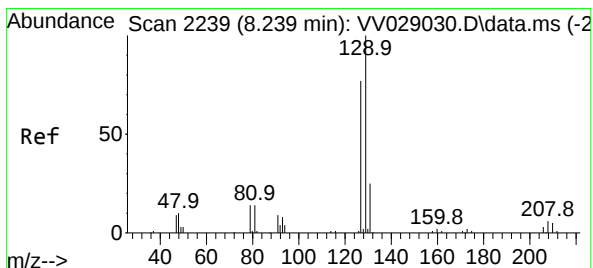
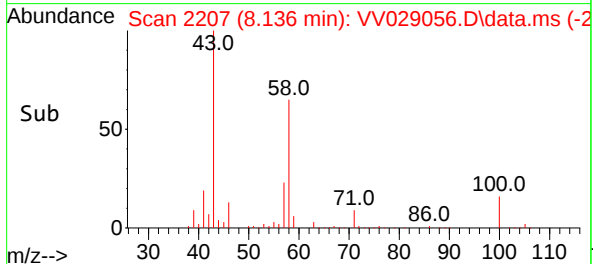
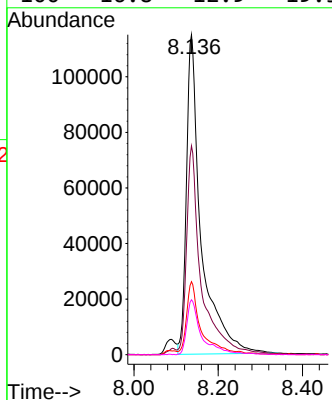
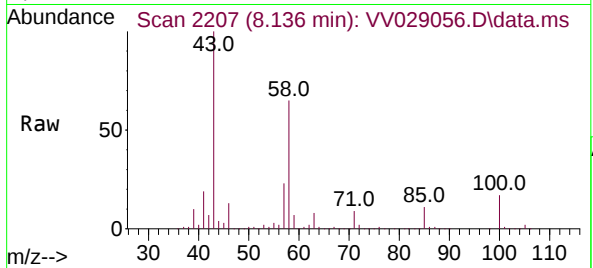


#48
2-Hexanone
Concen: 50.414 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

Tgt Ion: 43 Resp: 280947

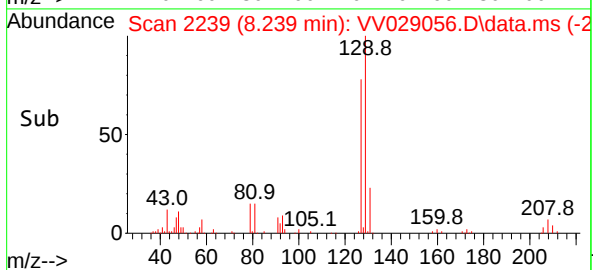
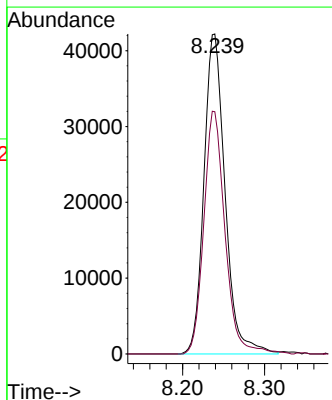
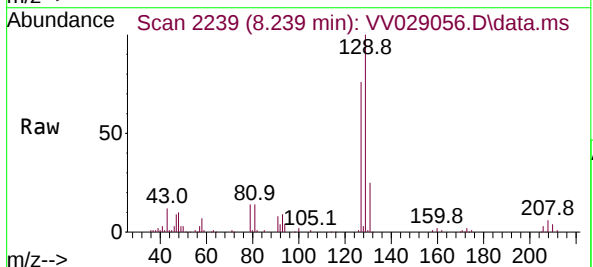
Ion	Ratio	Lower	Upper
43	100		
58	63.6	50.2	75.4
57	20.0	17.8	26.8
100	16.8	12.9	19.3

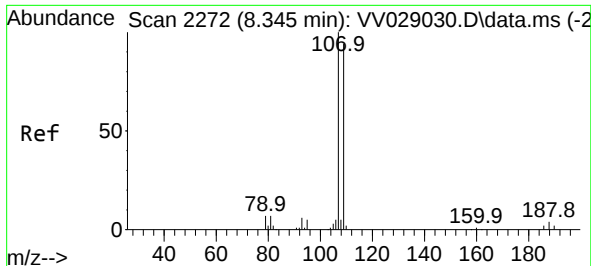


#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 129 Resp: 75494

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.368 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

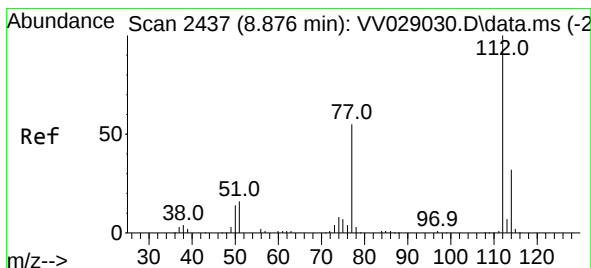
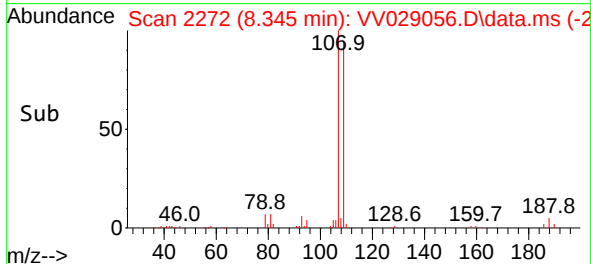
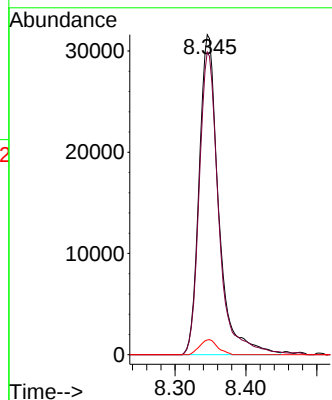
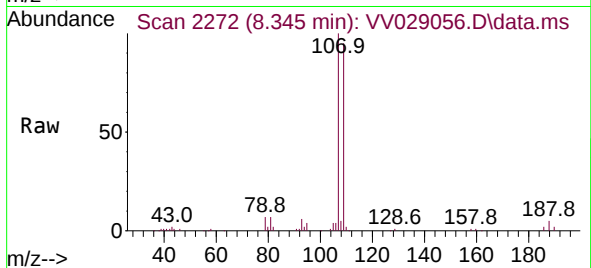
Tgt Ion:107 Resp: 60363

Ion Ratio Lower Upper

107 100

109 94.6 64.4 119.6

188 4.6 2.9 4.3#



#51

Chlorobenzene

Concen: 5.322 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

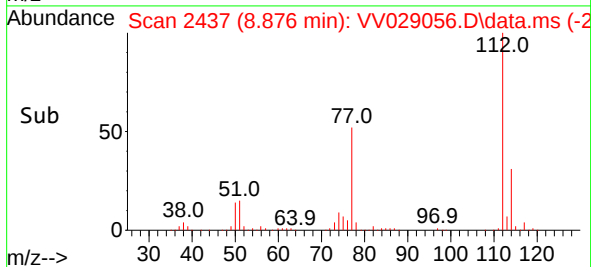
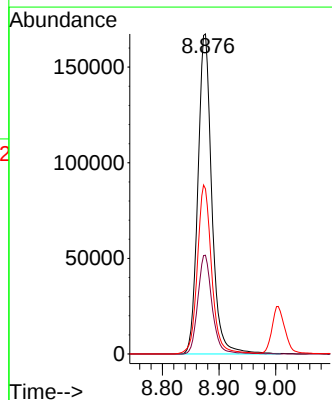
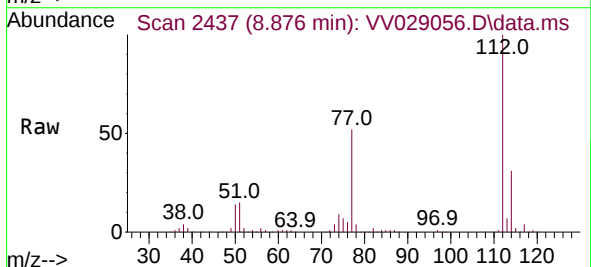
Tgt Ion:112 Resp: 285043

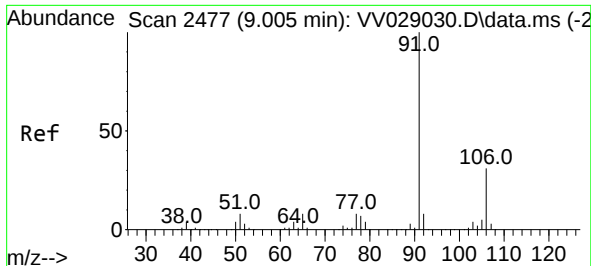
Ion Ratio Lower Upper

112 100

114 30.8 22.4 41.6

77 51.6 44.4 66.6





#52

Ethylbenzene

Concen: 5.162 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

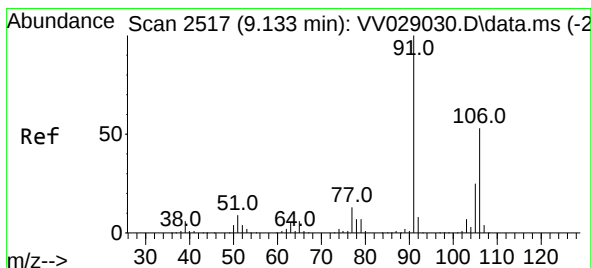
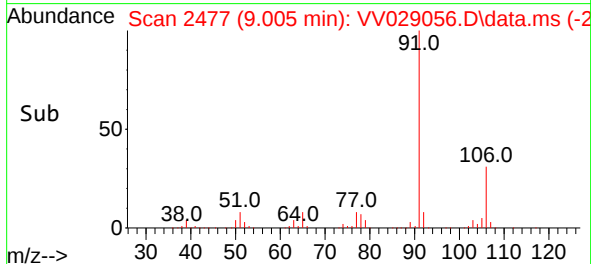
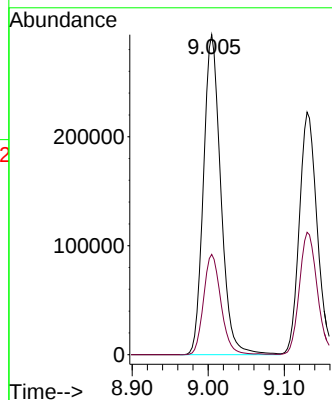
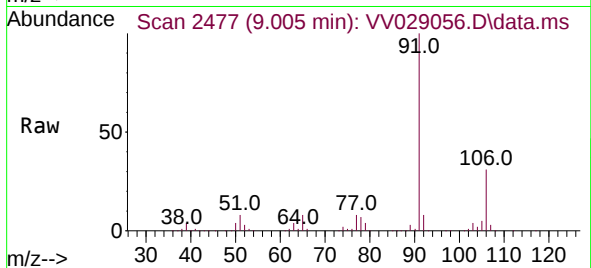
VSTD005352

Tgt Ion: 91 Resp: 465519

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.2



#53

m,p-Xylene

Concen: 5.166 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029056.D

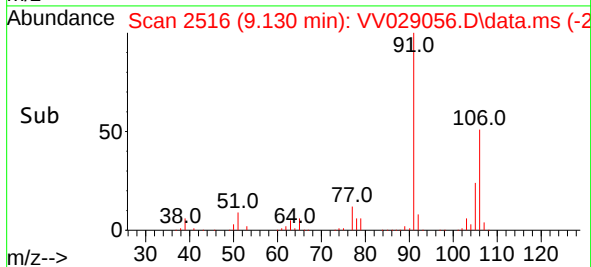
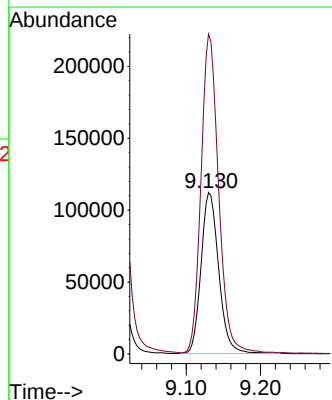
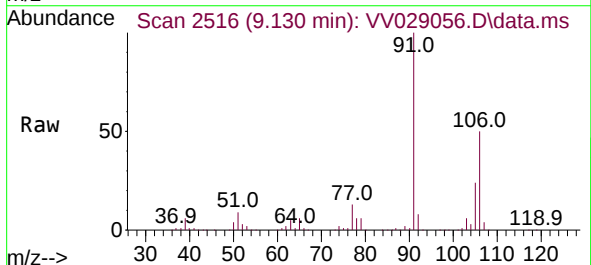
Acq: 17 Nov 2022 11:47

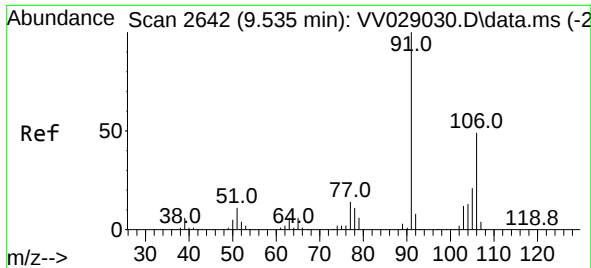
Tgt Ion: 106 Resp: 185297

Ion Ratio Lower Upper

106 100

91 198.1 139.1 258.3

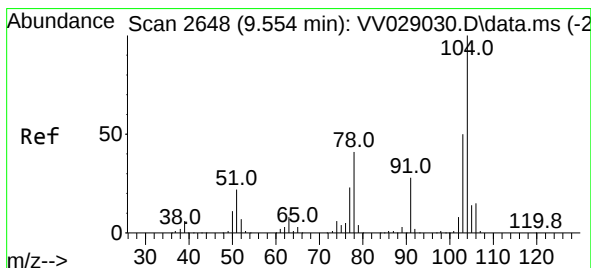
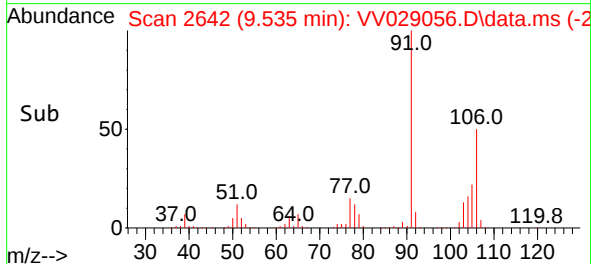
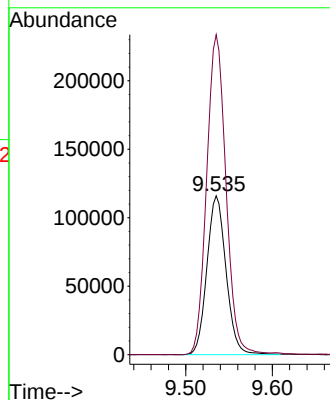
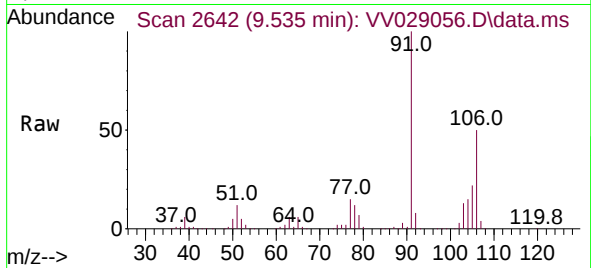




#54
o-Xylene
Concen: 5.234 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

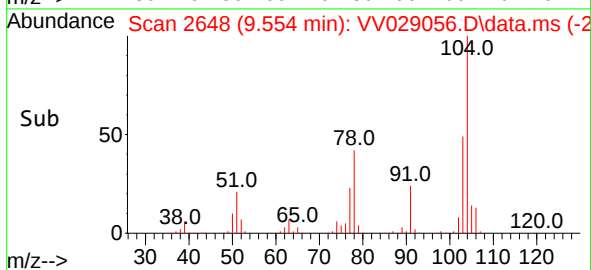
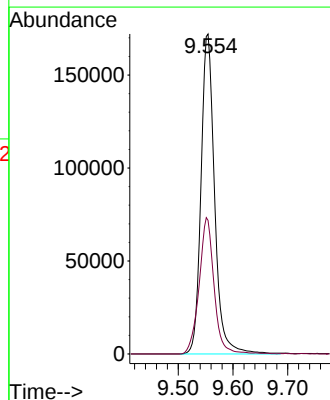
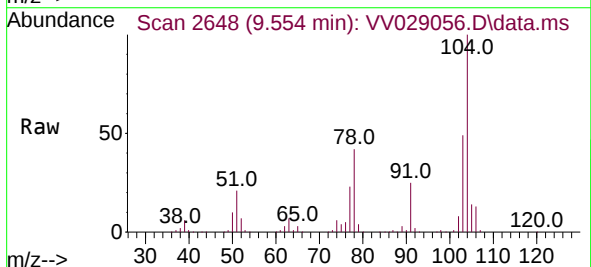
Instrument : MSVOA_V
ClientSampleId : VSTD005352

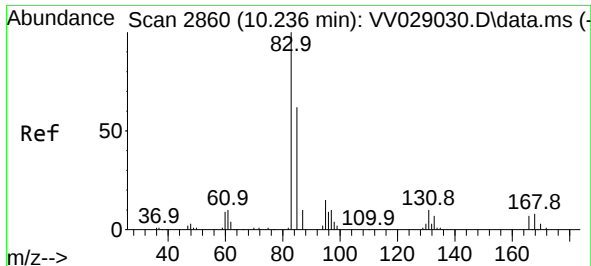
Tgt Ion:106 Resp: 178467
Ion Ratio Lower Upper
106 100
91 201.4 145.7 270.7



#55
Styrene
Concen: 5.204 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:104 Resp: 297613
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.040 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

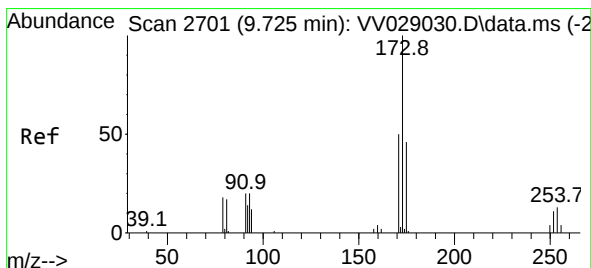
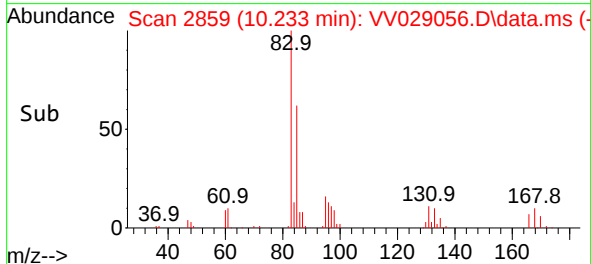
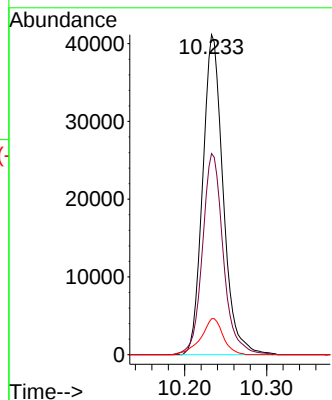
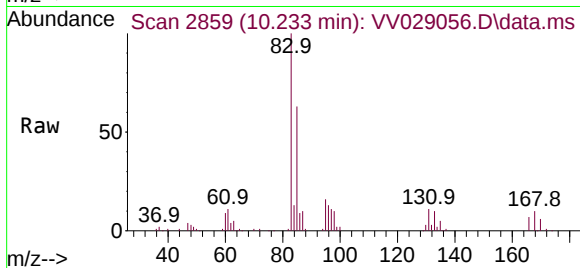
Tgt Ion: 83 Resp: 71102

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

131 11.2 7.5 11.3



#59

Bromoform

Concen: 5.193 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.000 min

Lab File: VV029056.D

Acq: 17 Nov 2022 11:47

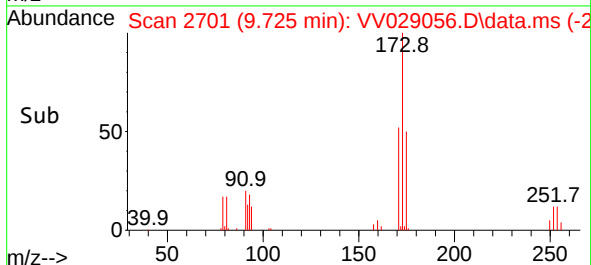
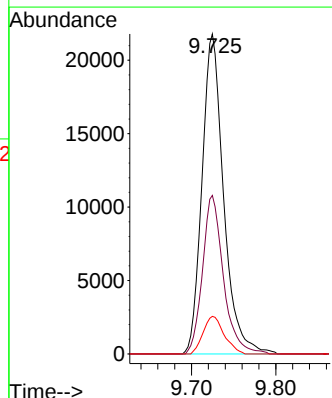
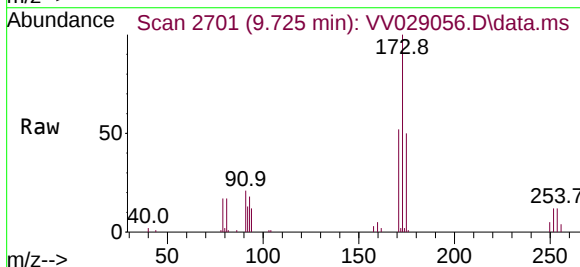
Tgt Ion: 173 Resp: 38894

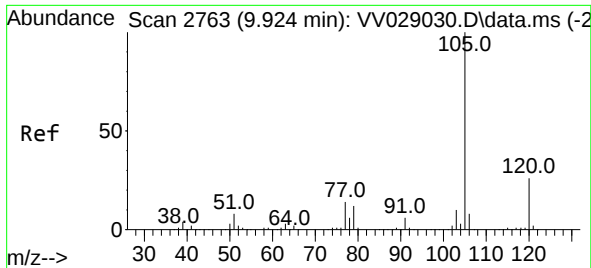
Ion Ratio Lower Upper

173 100

175 47.9 38.2 57.4

254 11.4 8.5 12.7

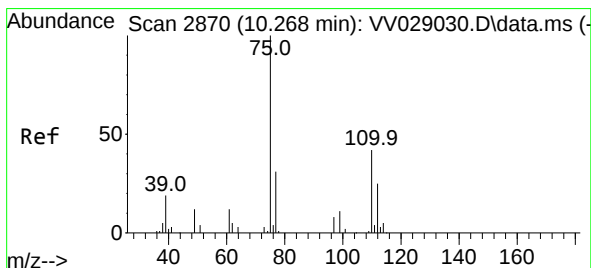
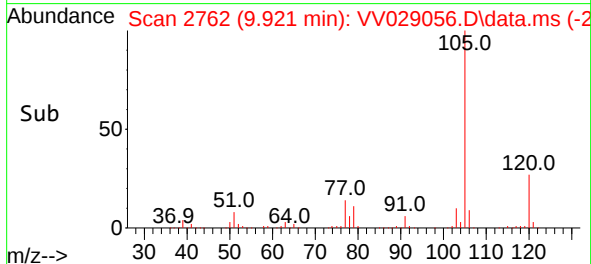
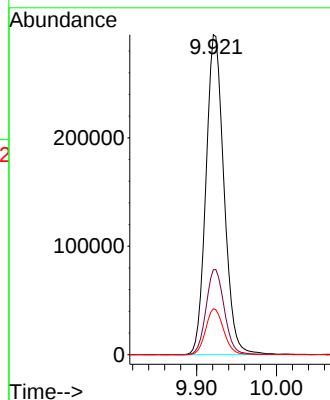
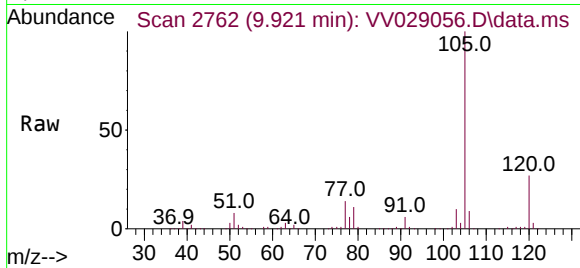




#60
Isopropylbenzene
Concen: 5.185 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

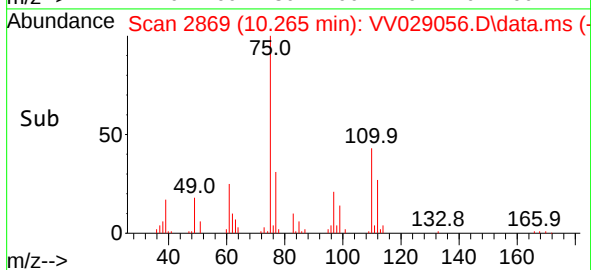
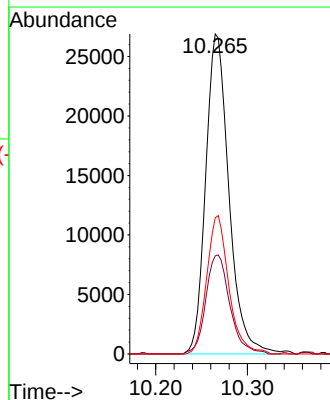
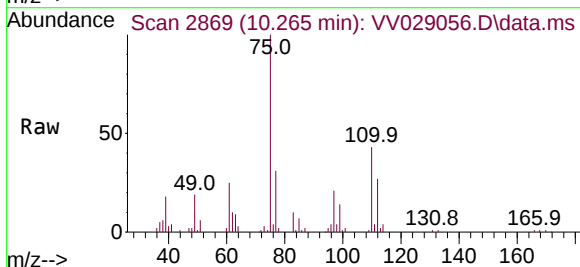
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

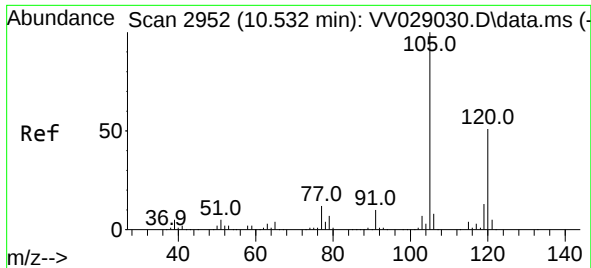
Tgt Ion:105 Resp: 462439
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.049 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion: 75 Resp: 47407
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 41.2 32.6 48.8

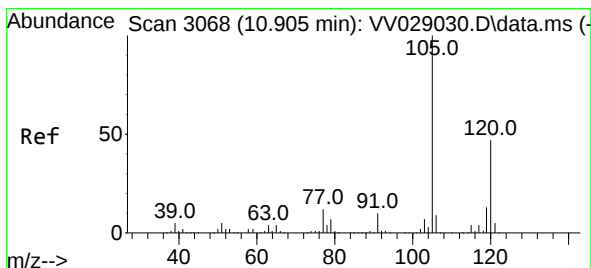
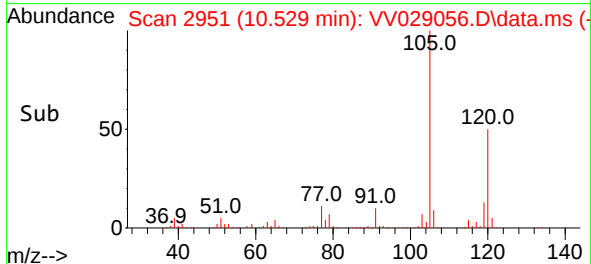
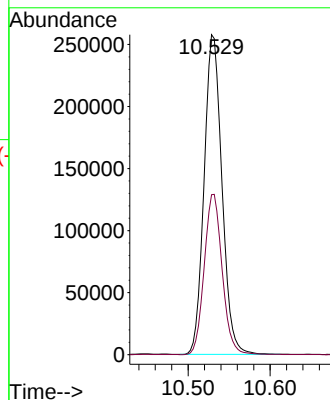
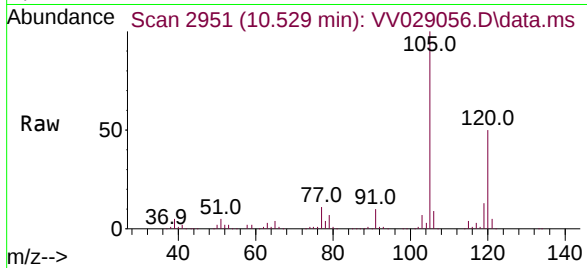




#62
1,3,5-Trimethylbenzene
Concen: 5.163 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

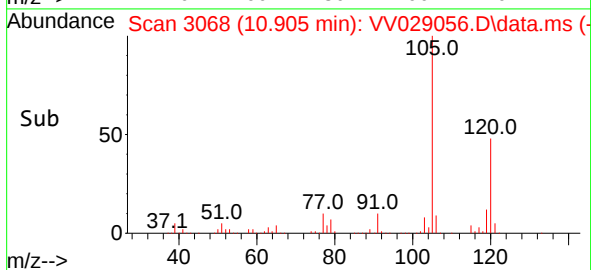
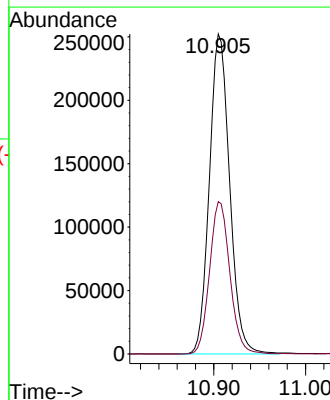
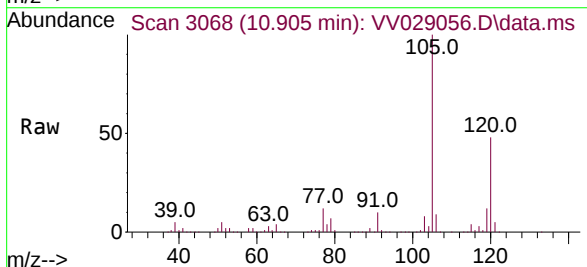
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

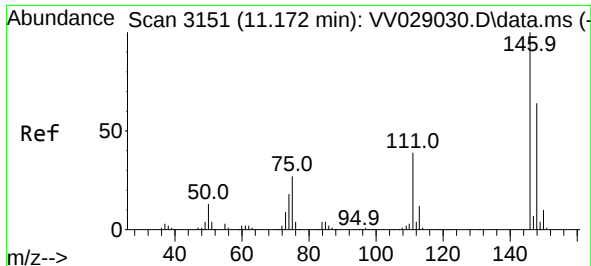
Tgt Ion:105 Resp: 390082
Ion Ratio Lower Upper
105 100
120 50.6 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.116 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:105 Resp: 387149
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.8

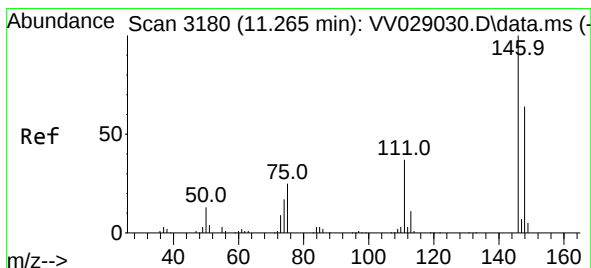
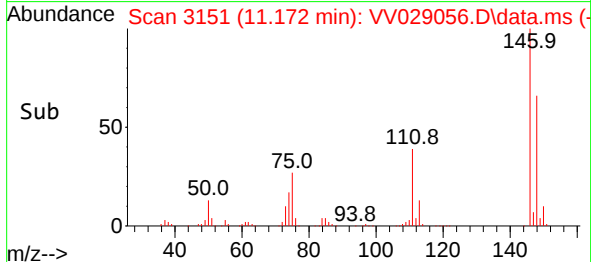
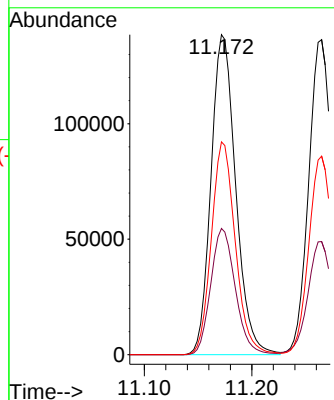
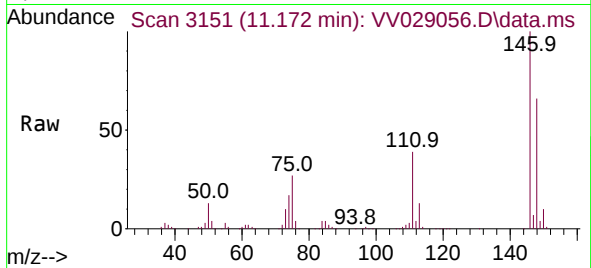




#64
1,3-Dichlorobenzene
Concen: 5.278 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

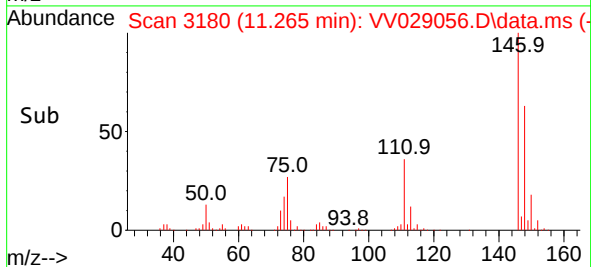
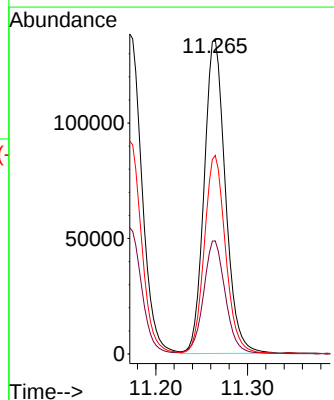
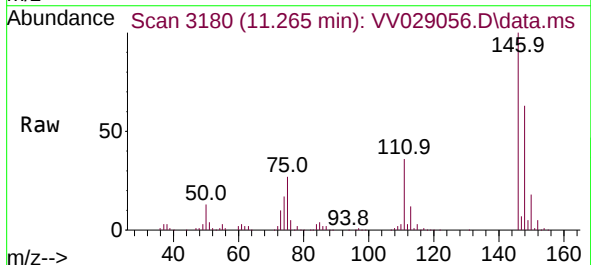
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

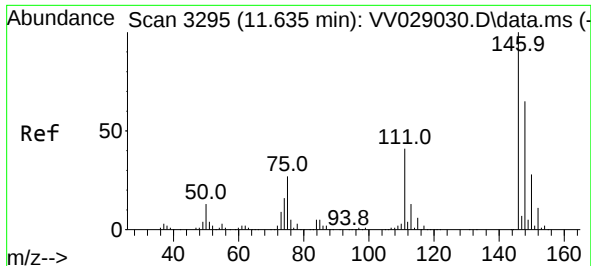
Tgt Ion:146 Resp: 221160
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 66.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:146 Resp: 218988
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.3
148 63.1 44.5 82.7

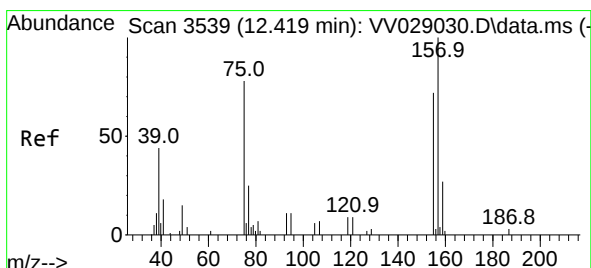
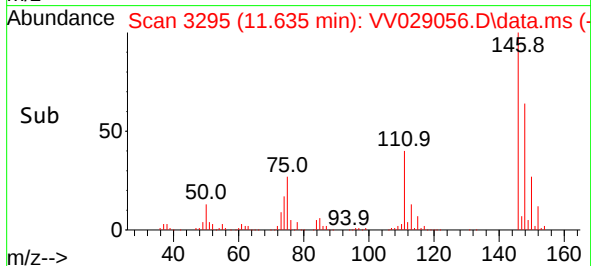
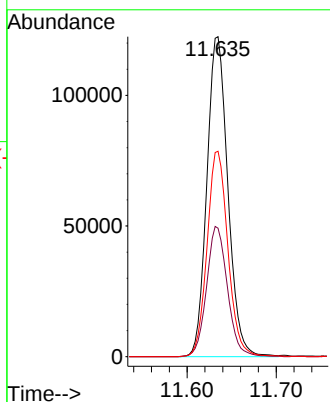
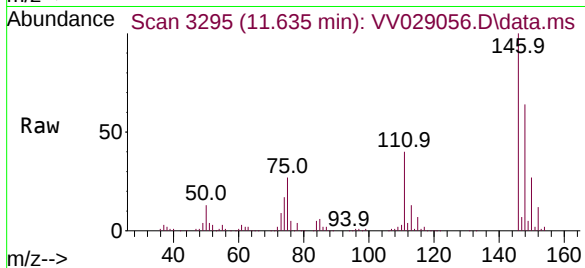




#67
1,2-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.635 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

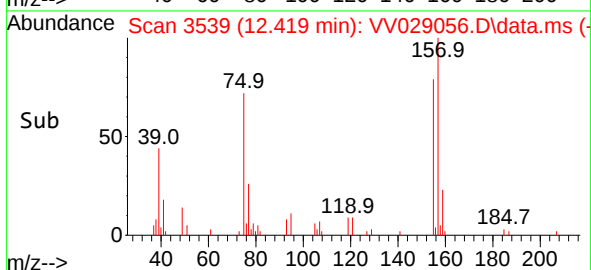
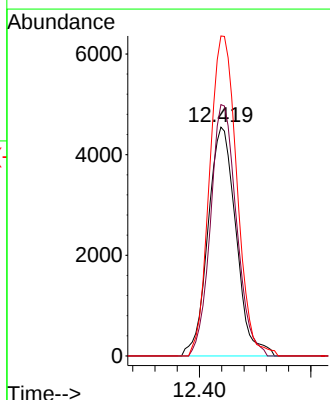
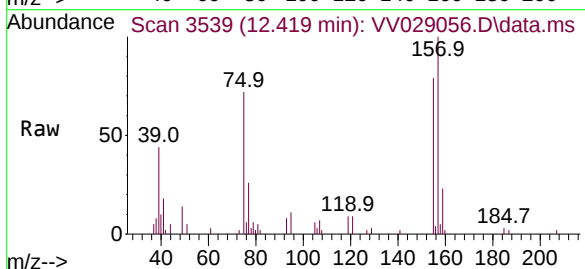
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

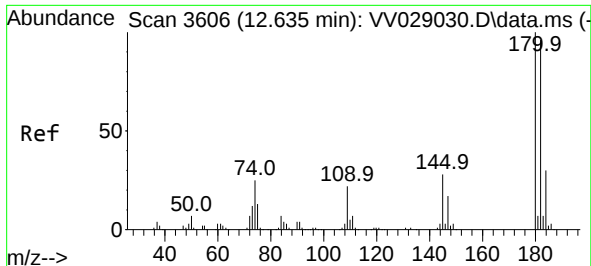
Tgt Ion:146 Resp: 200367
Ion Ratio Lower Upper
146 100
111 40.2 32.4 48.6
148 64.2 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.298 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

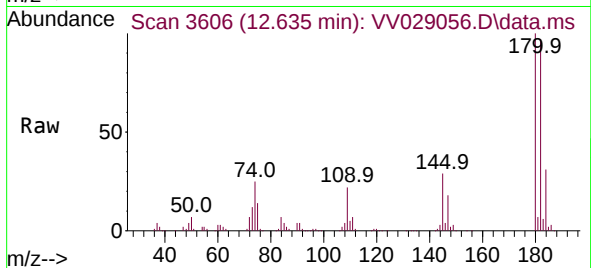
Tgt Ion: 75 Resp: 7940
Ion Ratio Lower Upper
75 100
155 109.9 64.8 97.2#
157 139.9 86.3 129.5#



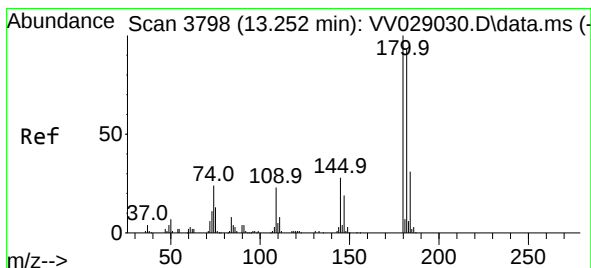
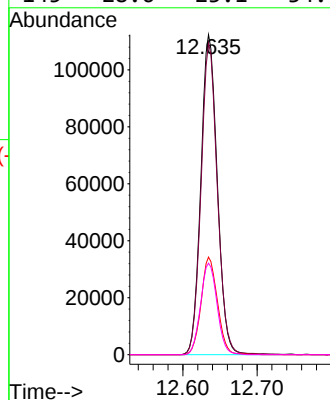
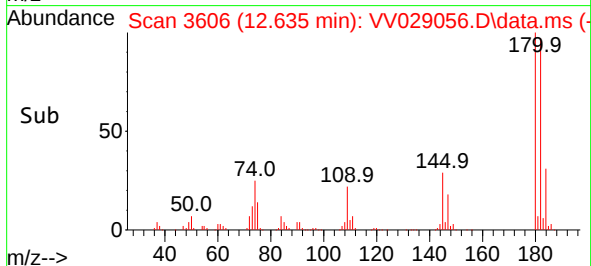


#69
1,3,5-Trichlorobenzene
Concen: 5.348 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

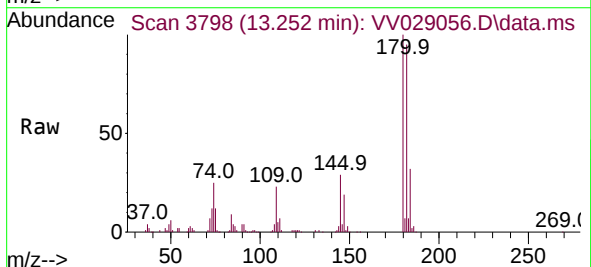
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352



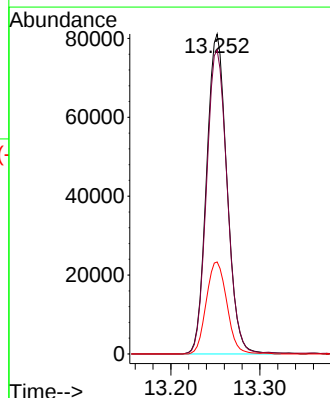
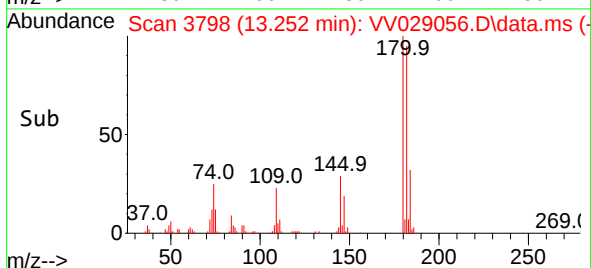
Tgt Ion:180 Resp: 172876
Ion Ratio Lower Upper
180 100
182 96.7 76.7 115.1
184 30.3 24.0 36.0
145 28.6 23.1 34.7

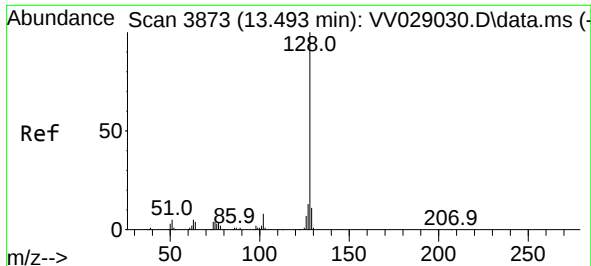


#70
1,2,4-trichlorobenzene
Concen: 5.265 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47



Tgt Ion:180 Resp: 128734
Ion Ratio Lower Upper
180 100
182 96.0 74.3 111.5
145 29.0 23.7 35.5

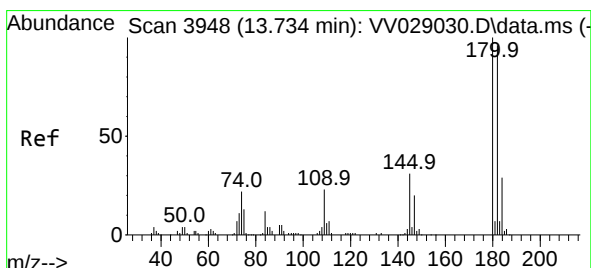
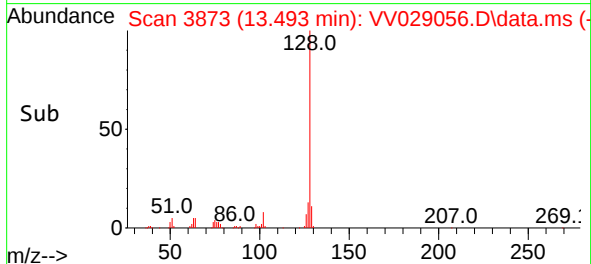
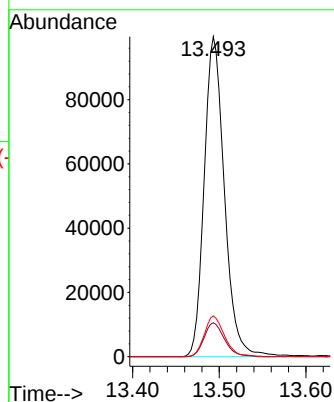
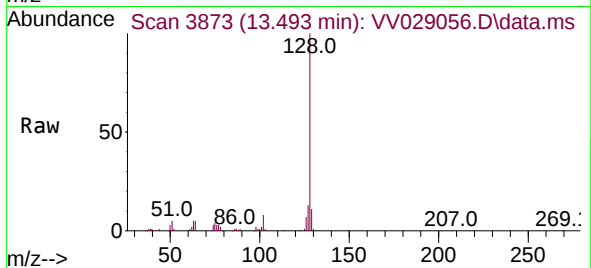




#71
Naphthalene
Concen: 5.118 ug/L
RT: 13.493 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

Tgt Ion:128 Resp: 161471
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.402 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029056.D
Acq: 17 Nov 2022 11:47

Tgt Ion:180 Resp: 111882
Ion Ratio Lower Upper
180 100
182 96.0 75.4 113.2
145 31.4 24.9 37.3

