

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112922\
 Data File : VW029384.D
 Acq On : 29 Nov 2022 17:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Nov 30 00:21:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 30 00:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	302657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	274149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	149166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89881	4.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.564	69	70547	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.108	63	147076	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.889	46	188733	60.572	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.140%
24) Chloroform-d	4.339	84	173938	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.024	65	77457	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.043	84	366228	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.063	67	106635	5.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.307	98	343824	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.616	79	42173	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.082	63	166496	56.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.800%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	77536	5.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	128963	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	110457	4.891	ug/L	100
3) Chloromethane	1.240	50	124414	6.013	ug/L	100
5) Vinyl chloride	1.310	62	109857	5.328	ug/L	99
6) Bromomethane	1.519	94	50299	3.910	ug/L	99
8) Chloroethane	1.584	64	63846	5.210	ug/L	98
9) Trichlorofluoromethane	1.751	101	146725	5.084	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84926	5.278	ug/L	97
12) 1,1-Dichloroethene	2.114	96	80798	5.192	ug/L	97
13) Acetone	2.182	43	107114	47.280	ug/L	97
14) Carbon disulfide	2.291	76	226173	5.002	ug/L	100
15) Methyl Acetate	2.436	43	28731	4.413	ug/L	97
16) Methylene chloride	2.503	84	119482	5.025	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	204950	5.151	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	93590	5.240	ug/L	97
19) 1,1-Dichloroethane	3.182	63	171493	5.335	ug/L	98
21) 2-Butanone	3.969	43	188449	53.135	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	105264	5.153	ug/L	96
23) Bromochloromethane	4.240	128	43722	5.343	ug/L	97
25) Chloroform	4.365	83	173851	5.180	ug/L	98

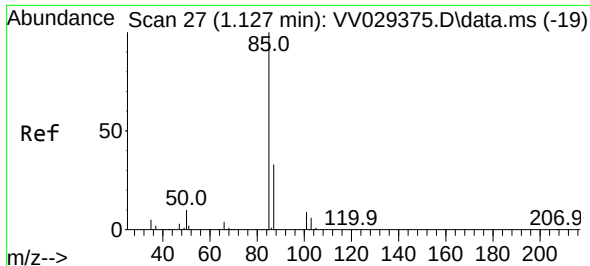
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	91545	5.034	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	151834	4.815	ug/L	99
30) Cyclohexane	4.670	56	149982	4.812	ug/L	99
31) Carbon tetrachloride	4.822	117	128460	4.817	ug/L	97
33) Benzene	5.092	78	394819	4.815	ug/L	100
34) Trichloroethene	5.908	95	100834	4.821	ug/L	99
35) Methylcyclohexane	6.124	83	171141	4.847	ug/L	97
37) 1,2-Dichloropropane	6.166	63	99016	5.126	ug/L	98
38) Bromodichloromethane	6.503	83	116829	5.053	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	139048	4.925	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	465569	51.511	ug/L	100
42) Toluene	7.381	91	429995	4.886	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	110875	4.957	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	67087	5.130	ug/L	99
47) Tetrachloroethene	7.969	164	83409	4.865	ug/L	98
48) 2-Hexanone	8.133	43	324884	51.562	ug/L	99
49) Dibromochloromethane	8.236	129	76472	5.199	ug/L	99
50) 1,2-Dibromoethane	8.345	107	61256	5.368	ug/L	98
51) Chlorobenzene	8.873	112	275916	5.016	ug/L	100
52) Ethylbenzene	9.005	91	464006	5.057	ug/L	99
53) m,p-Xylene	9.130	106	181305	5.010	ug/L	96
54) o-Xylene	9.535	106	178159	5.012	ug/L	99
55) Styrene	9.551	104	314548	5.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	76760	5.673	ug/L	100
59) Bromoform	9.722	173	41529	5.299	ug/L	99
60) Isopropylbenzene	9.921	105	481190	4.989	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	53680	5.189	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	411520	4.928	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	420409	5.005	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	229909	5.110	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	227272	5.106	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	207524	5.006	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10753	5.293	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	179412	4.840	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	142977	4.760	ug/L	100
71) Naphthalene	13.493	128	68916	2.650	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	119964	4.906	ug/L	99

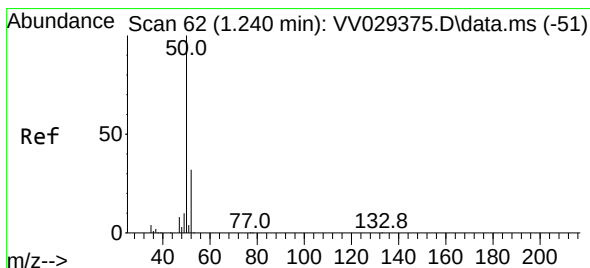
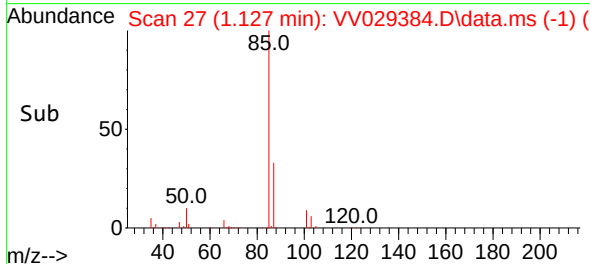
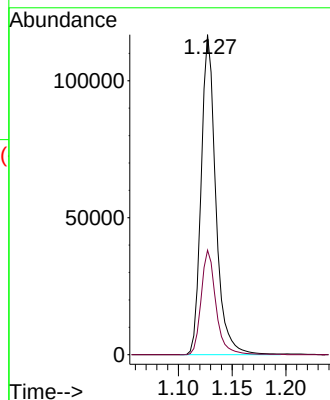
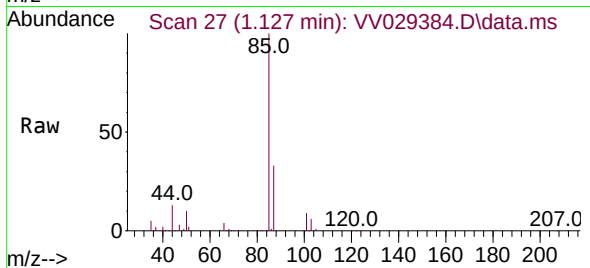
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.891 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

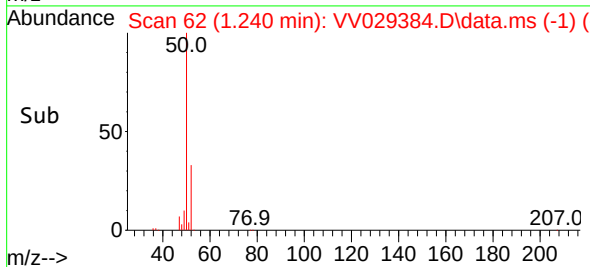
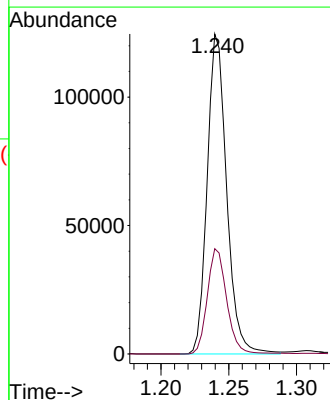
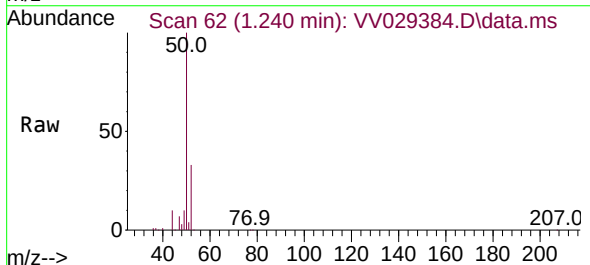
Instrument :
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 ClientSampleId :
 VSTD005373

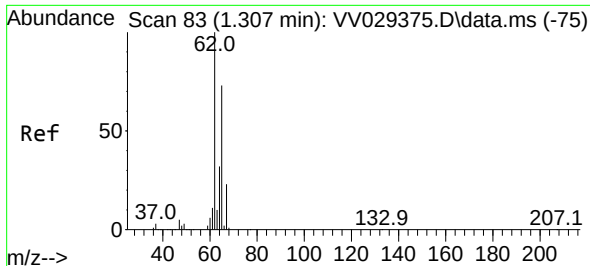
Tgt Ion: 85 Resp: 110457
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 6.013 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion: 50 Resp: 124414
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

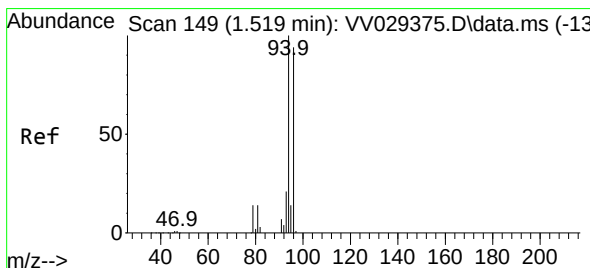
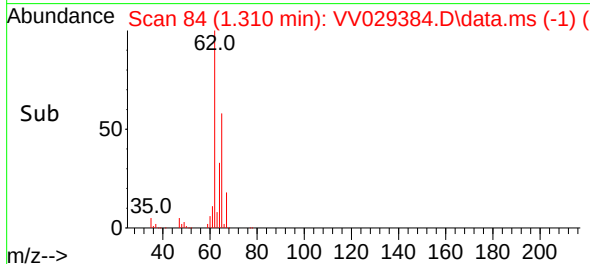
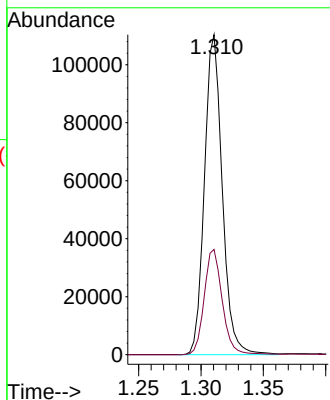
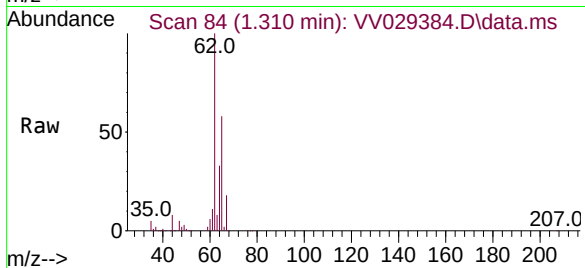




#5
 Vinyl chloride
 Concen: 5.328 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

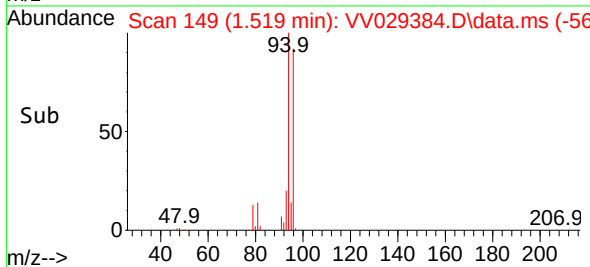
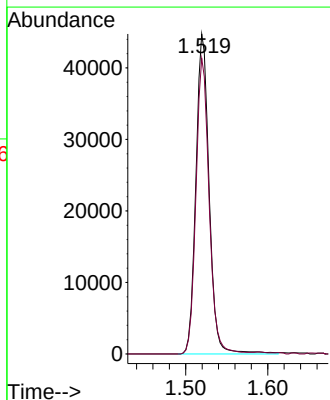
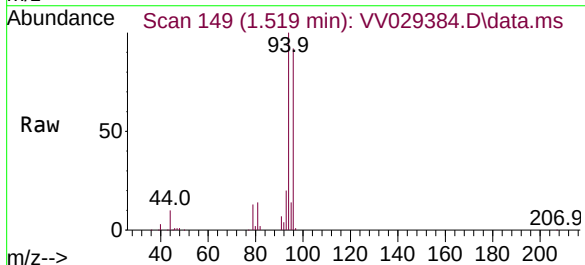
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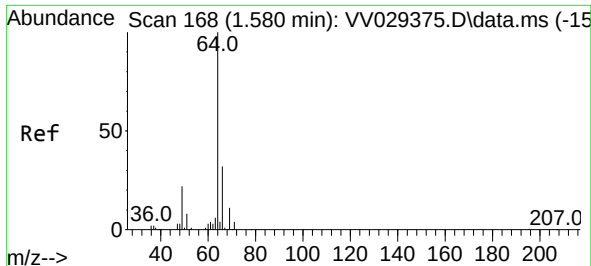
Tgt Ion: 62 Resp: 109857
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 3.910 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion: 94 Resp: 50299
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.4 121.4

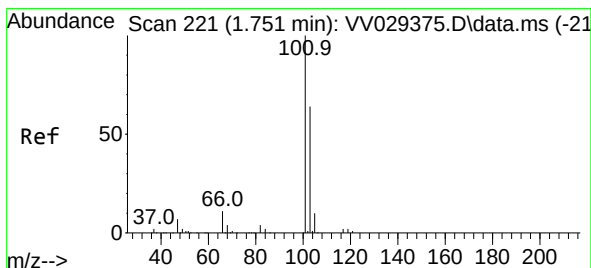
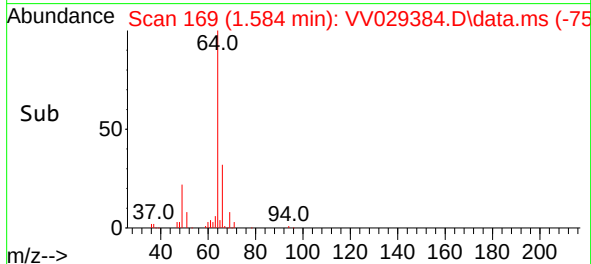
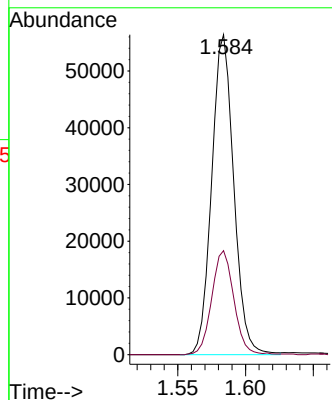
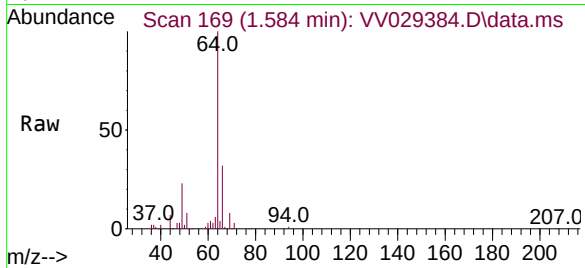




#8
Chloroethane
Concen: 5.210 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

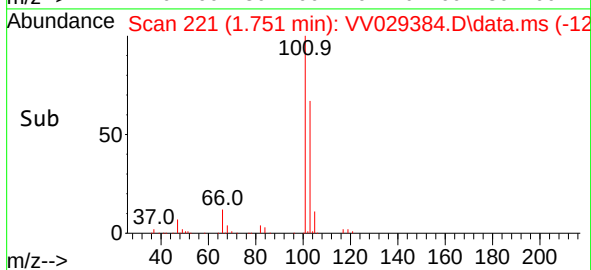
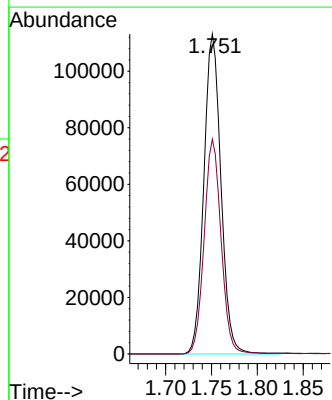
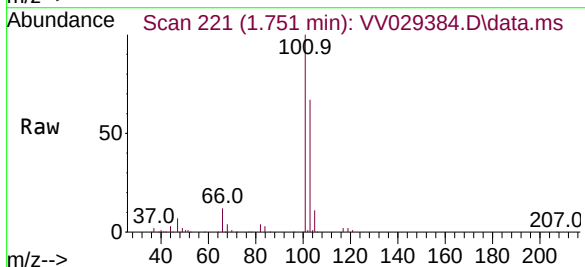
Instrument :
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ClientSampleId :
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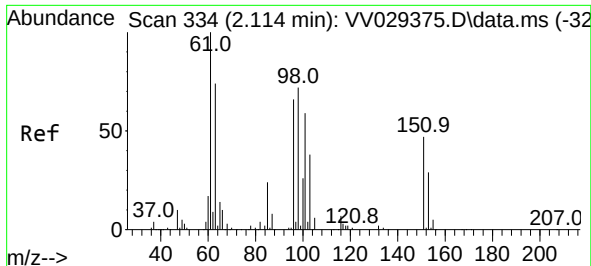
Tgt Ion: 64 Resp: 63846
Ion Ratio Lower Upper
64 100
66 32.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.084 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:101 Resp: 146725
Ion Ratio Lower Upper
101 100
103 66.3 51.8 77.8

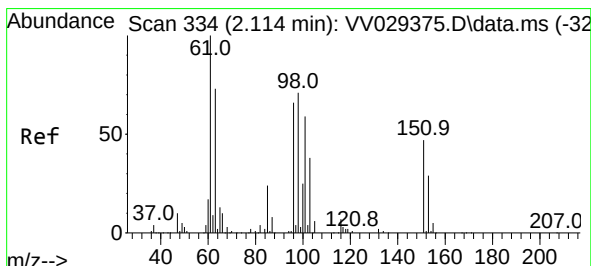
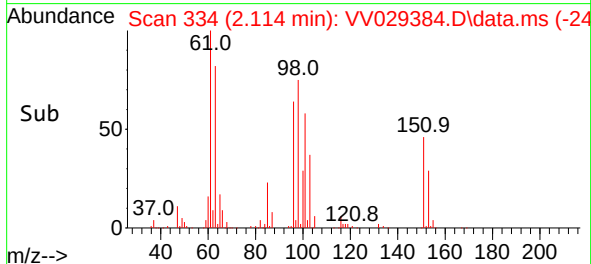
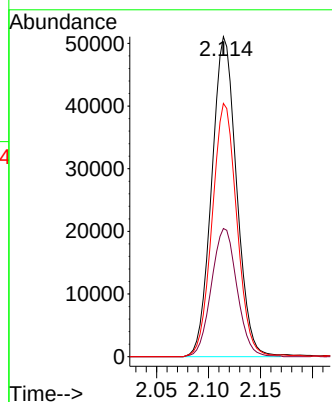
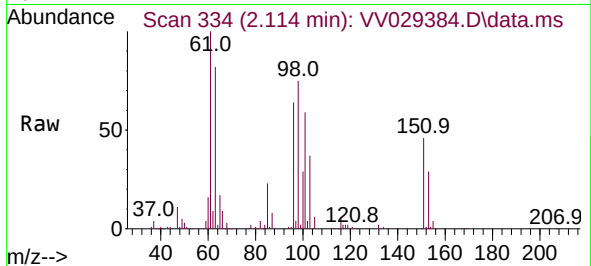




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.278 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

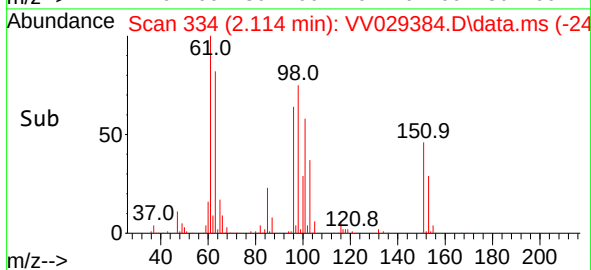
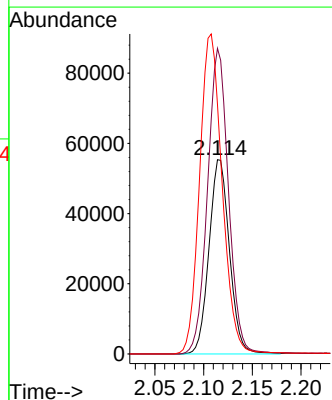
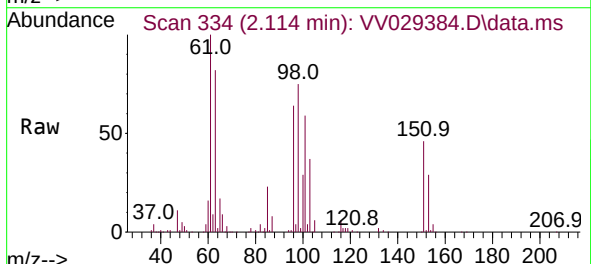
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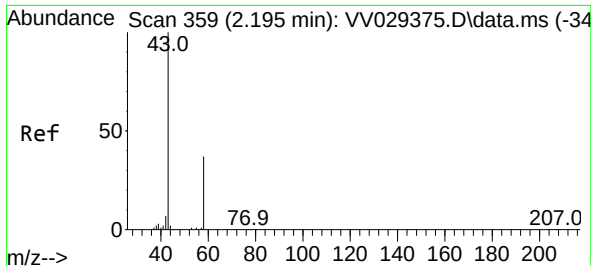
Tgt Ion:101 Resp: 84926
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.6 50.4
 151 78.7 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 5.192 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion: 96 Resp: 80798
 Ion Ratio Lower Upper
 96 100
 61 157.3 110.3 204.9
 63 128.3 84.4 156.8

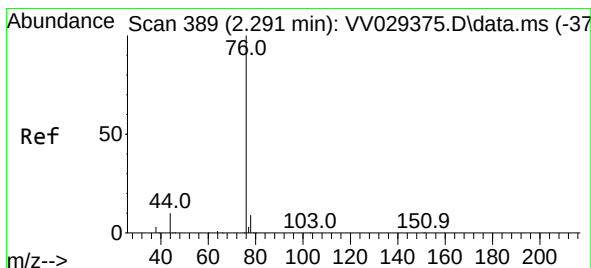
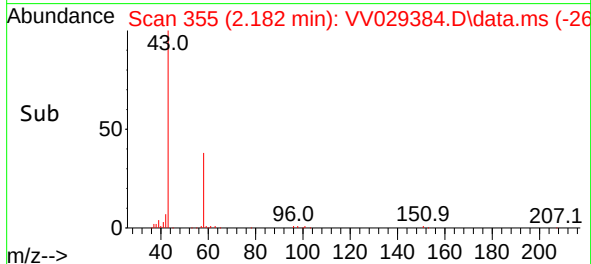
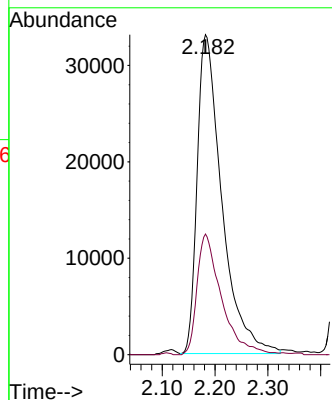
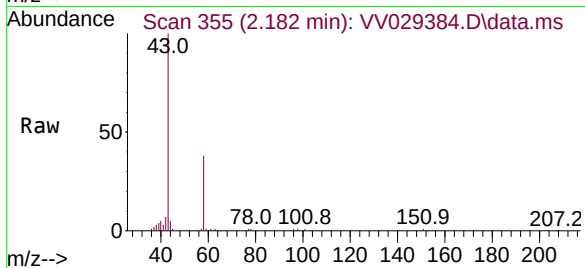




#13
Acetone
Concen: 47.280 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

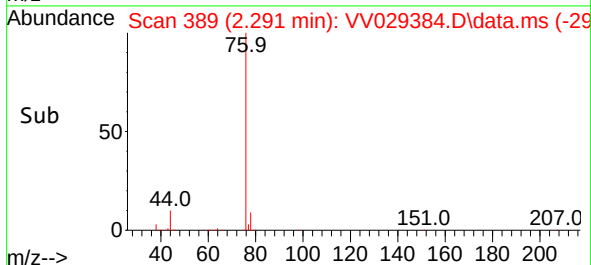
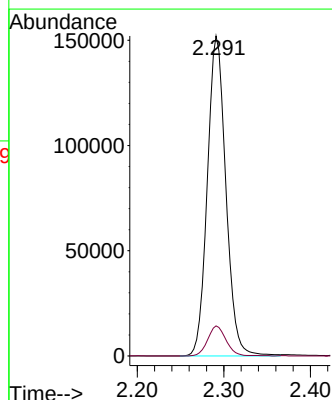
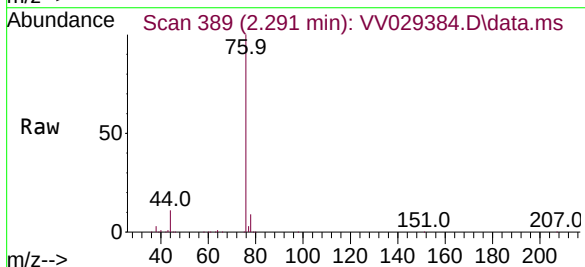
Instrument :
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VSTD005373

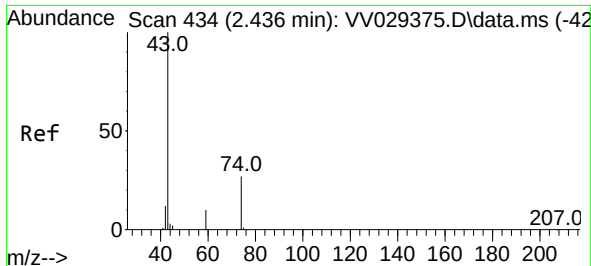
Tgt Ion: 43 Resp: 107114
Ion Ratio Lower Upper
43 100
58 37.4 0.0 70.8



#14
Carbon disulfide
Concen: 5.002 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 76 Resp: 226173
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

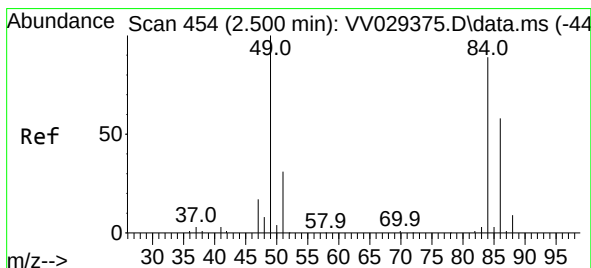
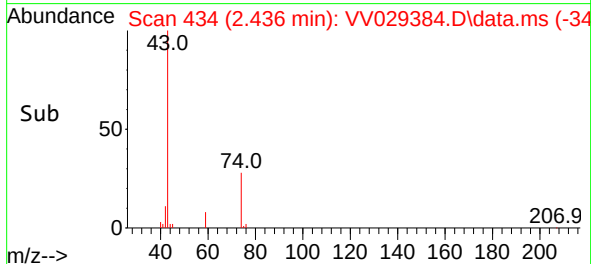
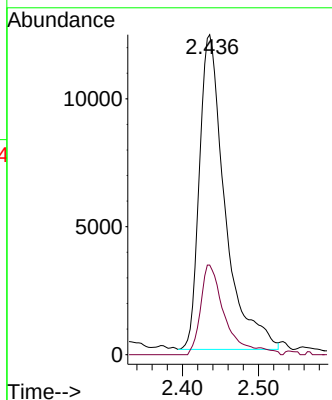
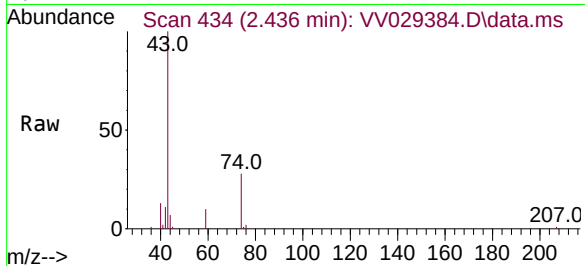




#15
Methyl Acetate
Concen: 4.413 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

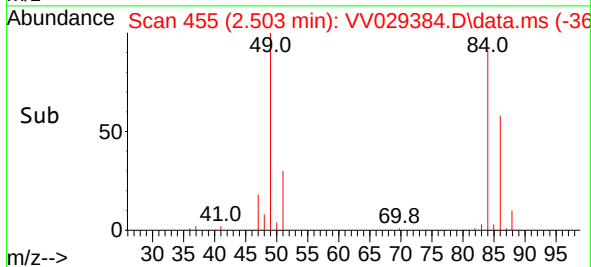
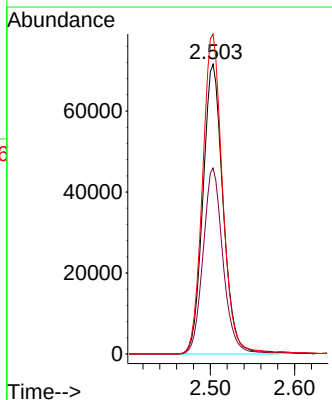
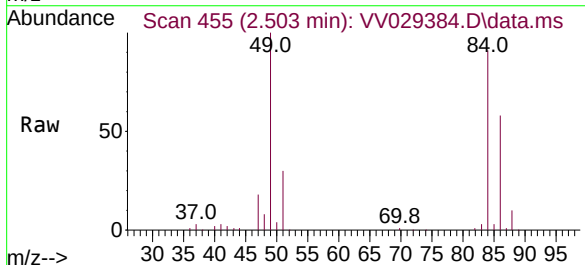
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

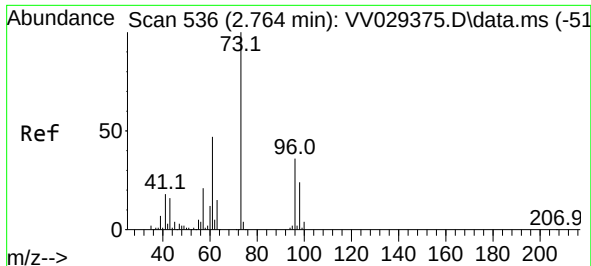
Tgt Ion: 43 Resp: 28731
Ion Ratio Lower Upper
43 100
74 25.9 19.6 29.4



#16
Methylene chloride
Concen: 5.025 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 84 Resp: 119482
Ion Ratio Lower Upper
84 100
86 64.1 45.6 84.6
49 110.4 77.8 144.4

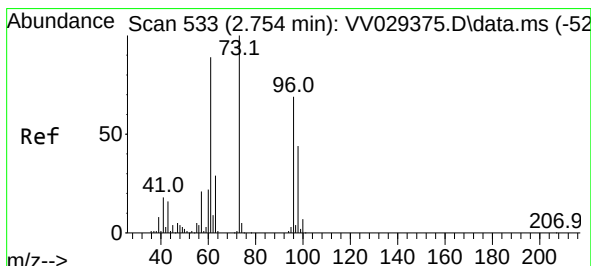
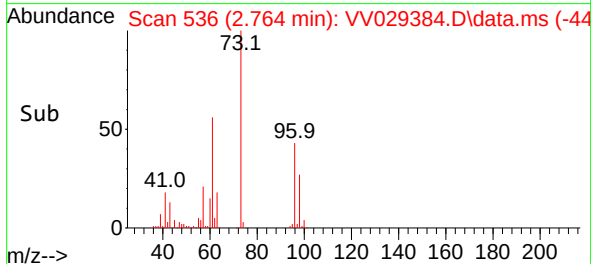
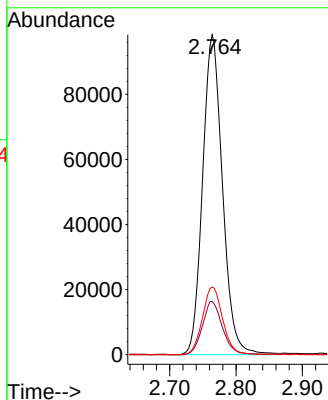
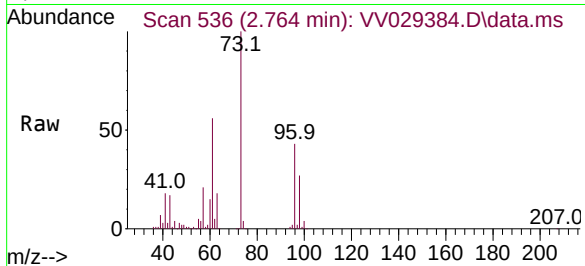




#17
Methyl tert-butyl Ether
Concen: 5.151 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

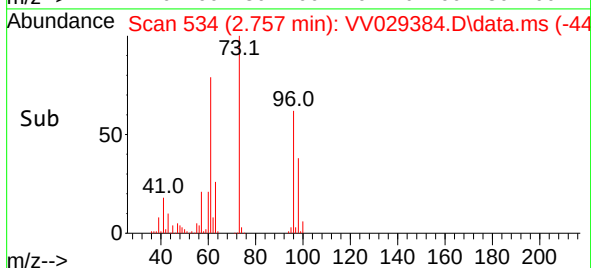
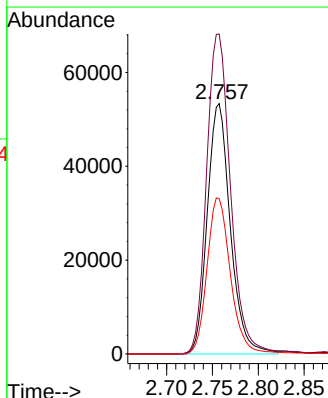
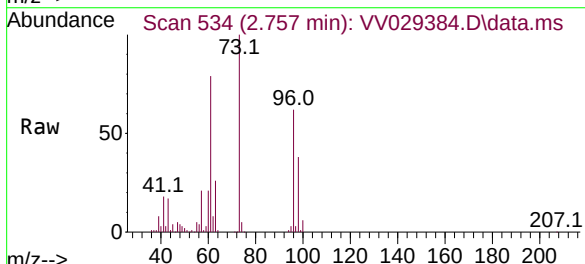
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

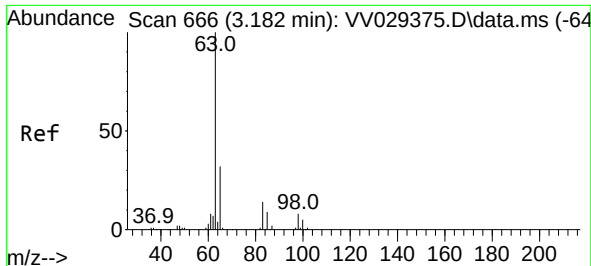
Tgt Ion: 73 Resp: 204950
Ion Ratio Lower Upper
73 100
43 16.8 13.2 19.8
57 21.5 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.240 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 96 Resp: 93590
Ion Ratio Lower Upper
96 100
61 127.8 93.0 172.6
98 62.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.335 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

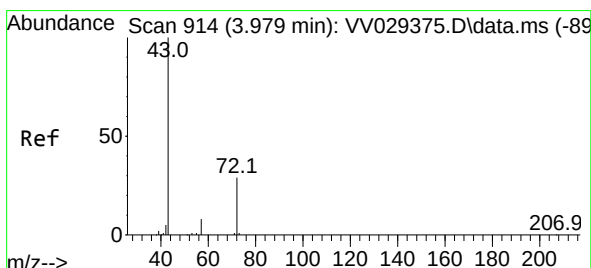
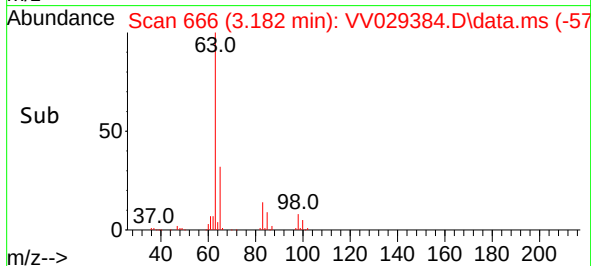
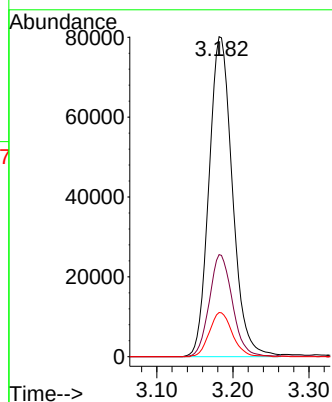
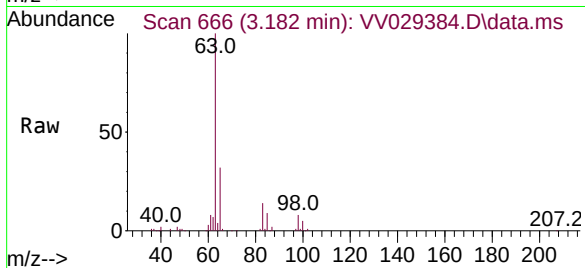
Tgt Ion: 63 Resp: 171493

Ion Ratio Lower Upper

63 100

65 31.9 21.6 40.2

83 13.8 10.3 19.1



#21

2-Butanone

Concen: 53.135 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV029384.D

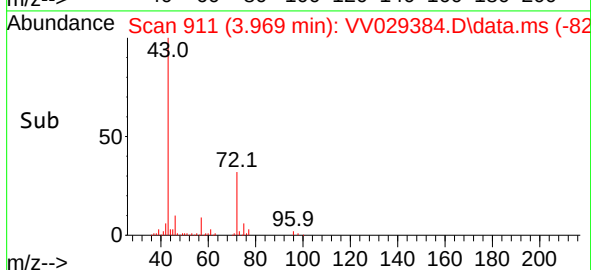
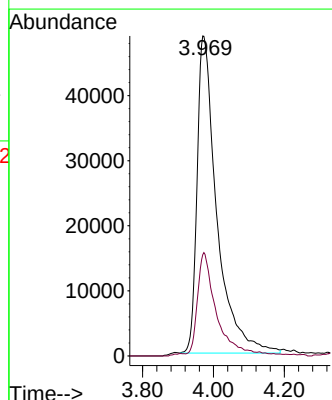
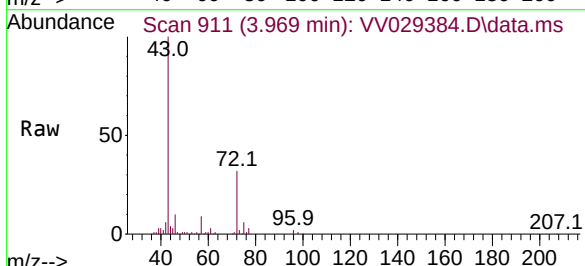
Acq: 29 Nov 2022 17:11

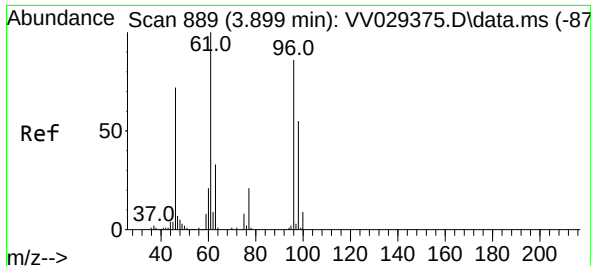
Tgt Ion: 43 Resp: 188449

Ion Ratio Lower Upper

43 100

72 28.3 13.8 41.3



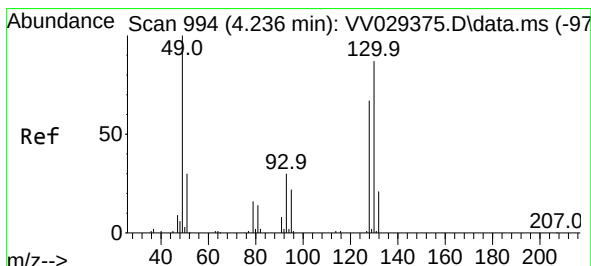
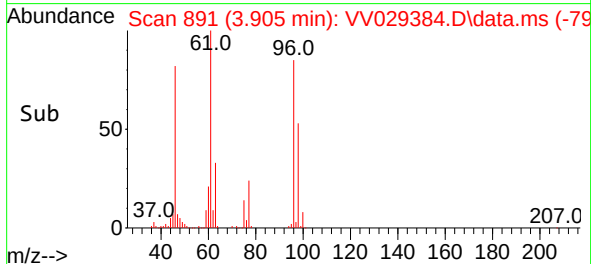
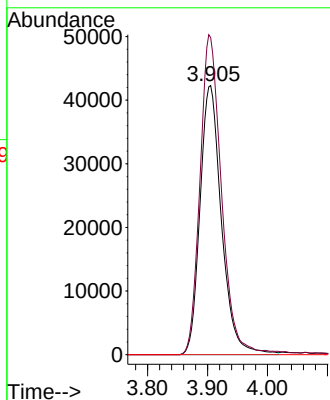
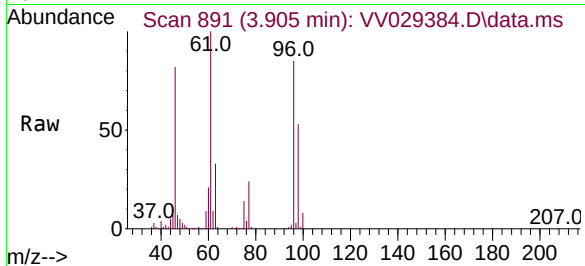


#22
 cis-1,2-Dichloroethene
 Concen: 5.153 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Tgt Ion: 96 Resp: 105264

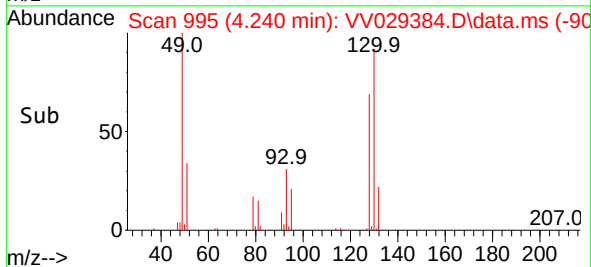
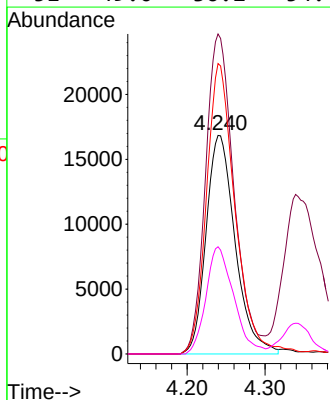
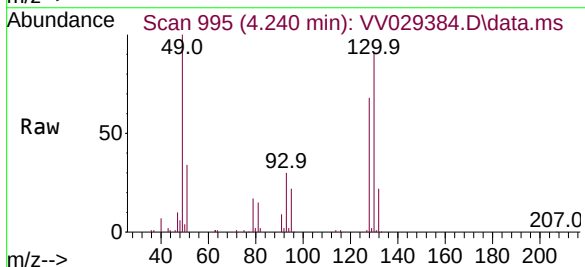
Ion	Ratio	Lower	Upper
96	100		
61	117.9	85.8	159.3
68	0.0	0.0	0.0

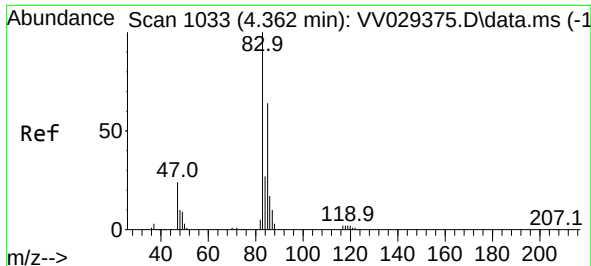


#23
 Bromochloromethane
 Concen: 5.343 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.003 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion: 128 Resp: 43722

Ion	Ratio	Lower	Upper
128	100		
49	146.4	100.0	185.8
130	132.9	90.2	167.6
51	49.0	36.2	54.4

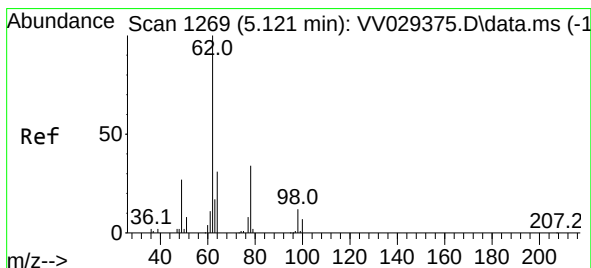
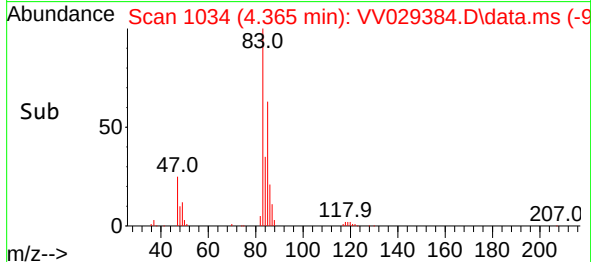
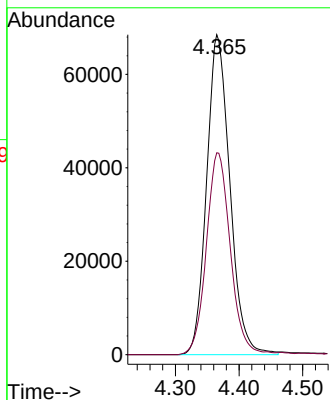
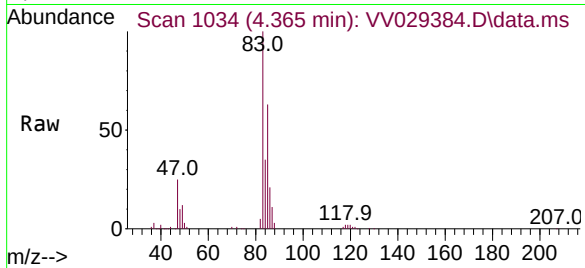




#25
Chloroform
Concen: 5.180 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

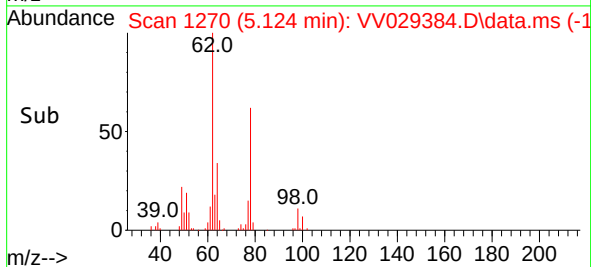
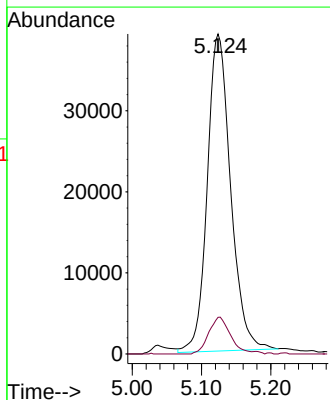
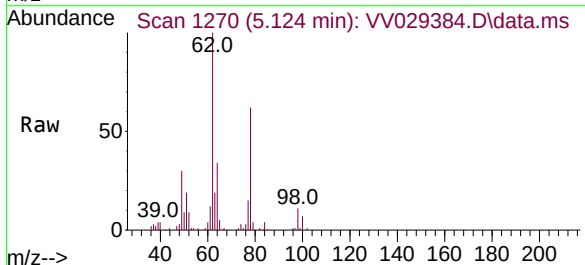
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

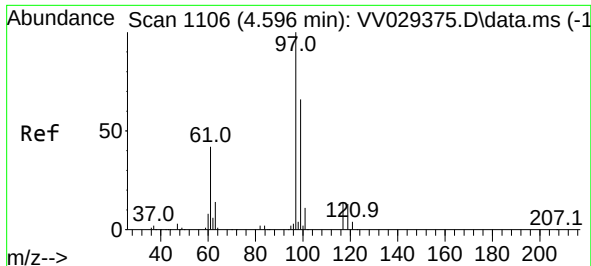
Tgt Ion: 83 Resp: 173851
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.034 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 62 Resp: 91545
Ion Ratio Lower Upper
62 100
98 11.4 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.815 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

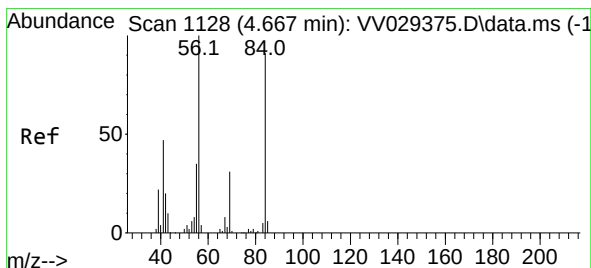
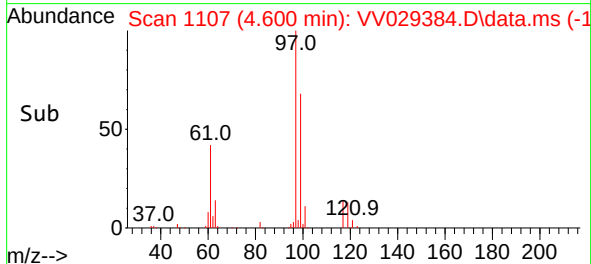
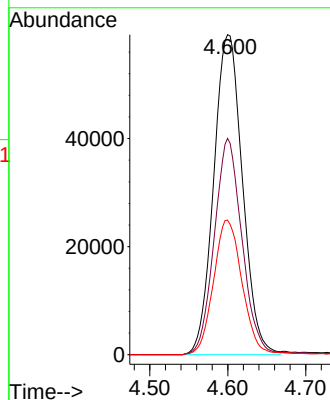
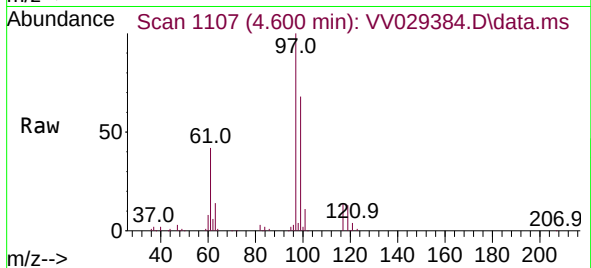
Tgt Ion: 97 Resp: 151834

Ion Ratio Lower Upper

97 100

99 65.2 51.2 76.8

61 41.7 33.3 49.9



#30

Cyclohexane

Concen: 4.812 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

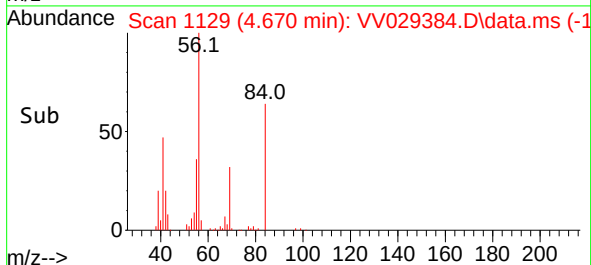
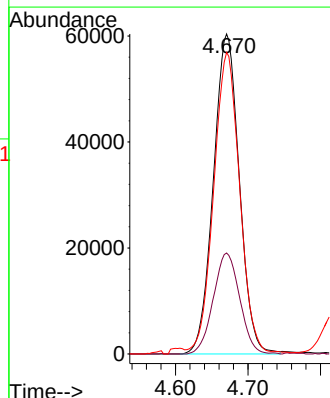
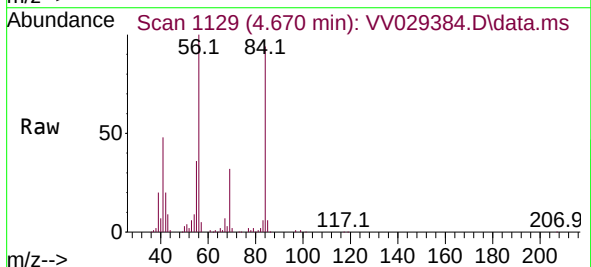
Tgt Ion: 56 Resp: 149982

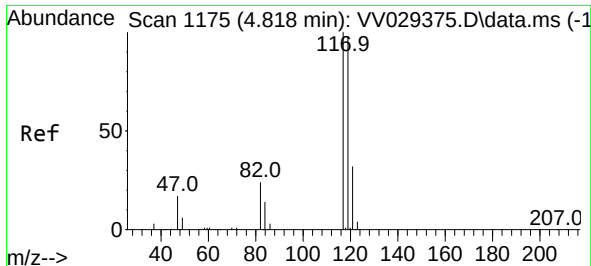
Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 93.4 75.6 113.4

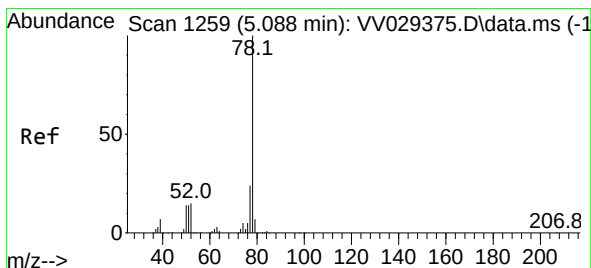
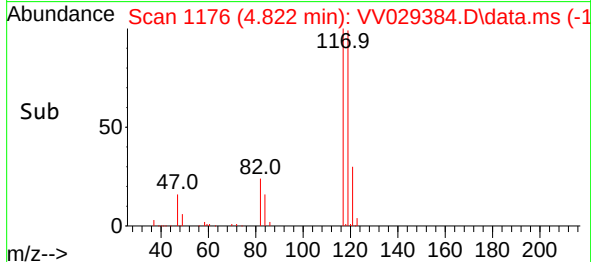
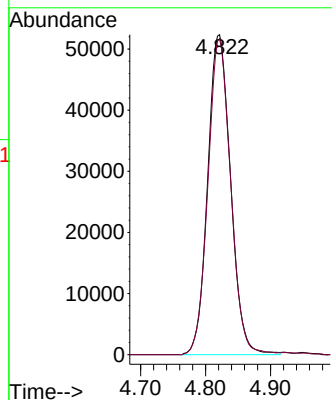
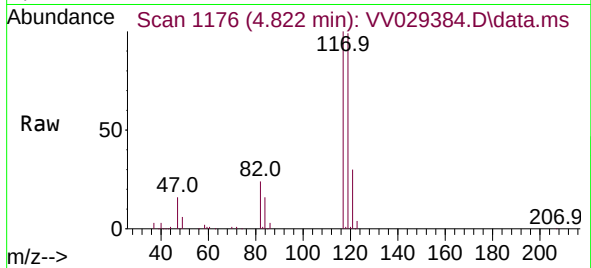




#31
Carbon tetrachloride
Concen: 4.817 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

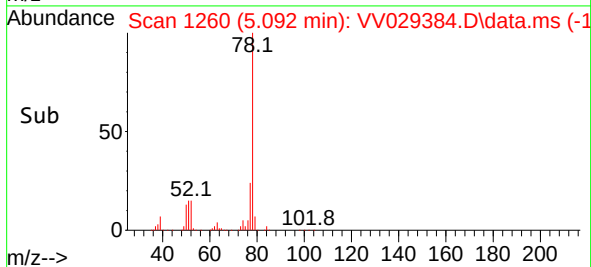
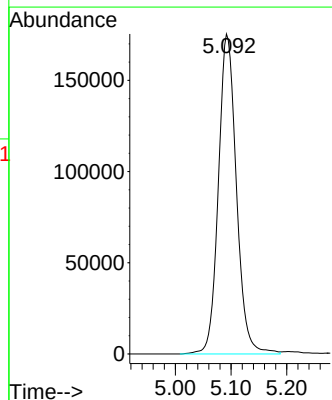
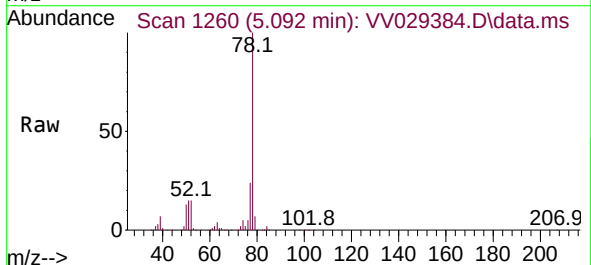
Instrument : MSVOA_V
ClientSampleId : VSTD005373

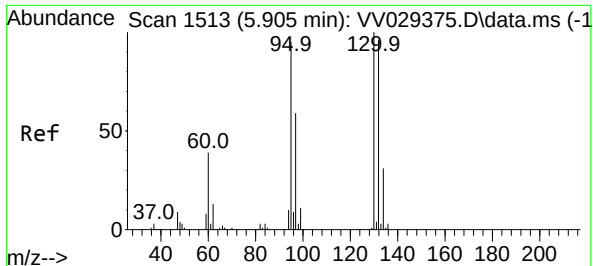
Tgt Ion:117 Resp: 128460
Ion Ratio Lower Upper
117 100
119 97.8 75.7 113.5



#33
Benzene
Concen: 4.815 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 78 Resp: 394819

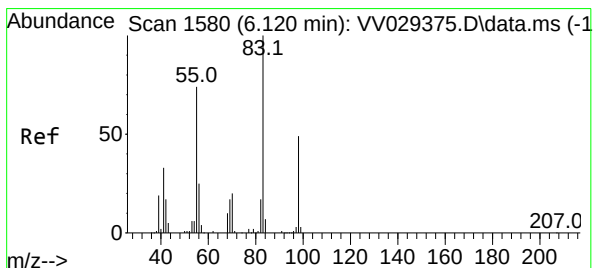
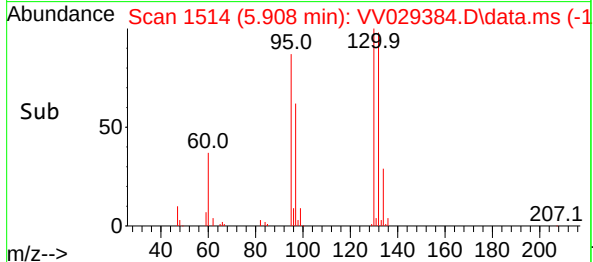
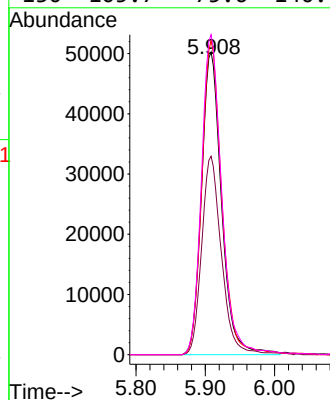
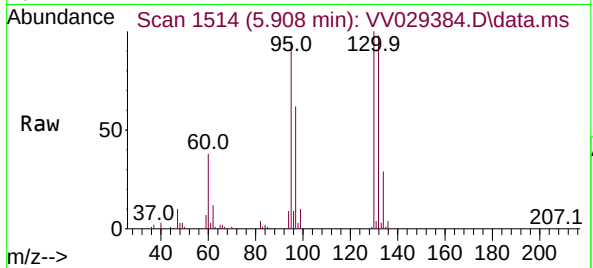




#34
 Trichloroethene
 Concen: 4.821 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

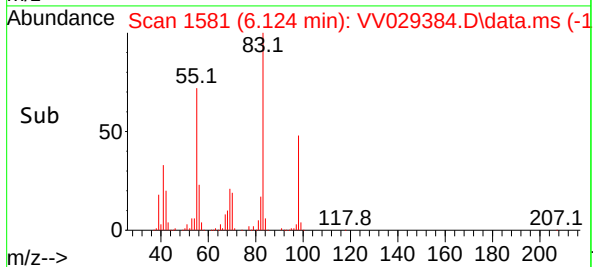
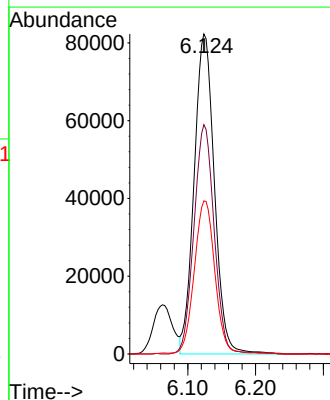
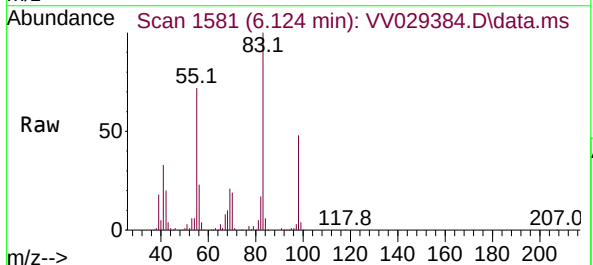
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

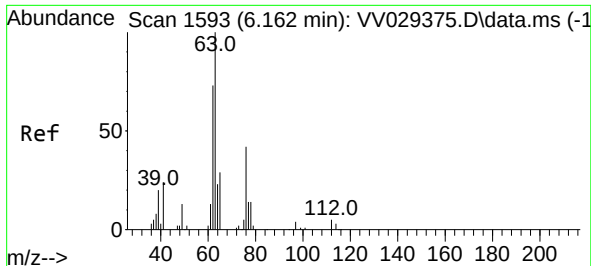
Tgt Ion: 95 Resp: 100834
 Ion Ratio Lower Upper
 95 100
 97 65.5 45.4 84.4
 132 103.7 73.3 136.1
 130 105.7 75.6 140.4



#35
 Methylcyclohexane
 Concen: 4.847 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. 0.003 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion: 83 Resp: 171141
 Ion Ratio Lower Upper
 83 100
 55 71.6 55.4 83.2
 98 47.6 39.4 59.2





#37

1,2-Dichloropropane

Concen: 5.126 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

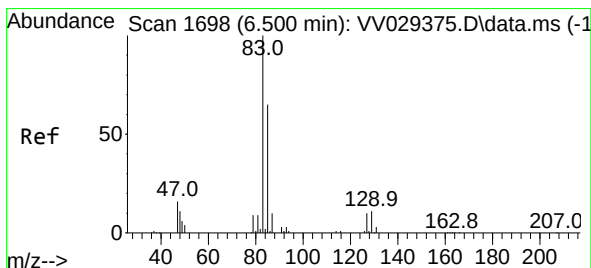
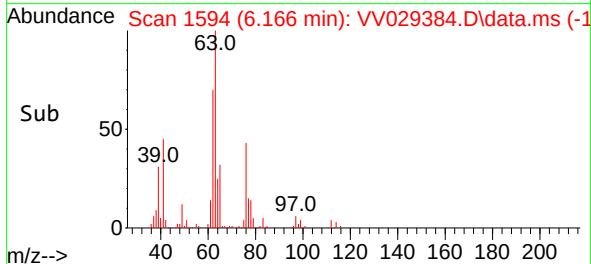
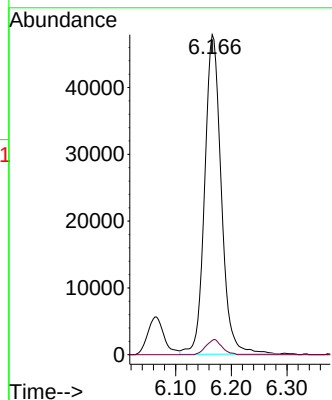
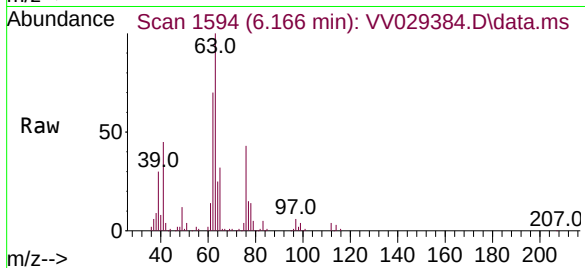
VSTD005373

Tgt Ion: 63 Resp: 99016

Ion Ratio Lower Upper

63 100

112 4.5 4.1 6.1



#38

Bromodichloromethane

Concen: 5.053 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

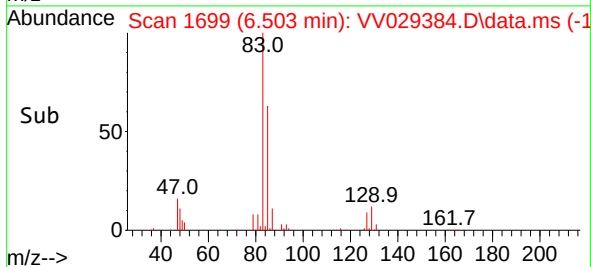
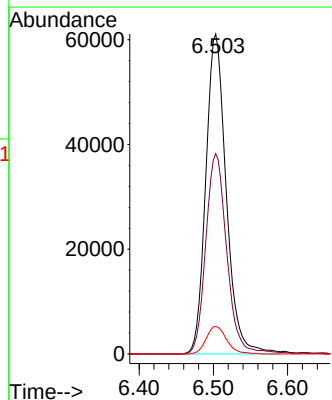
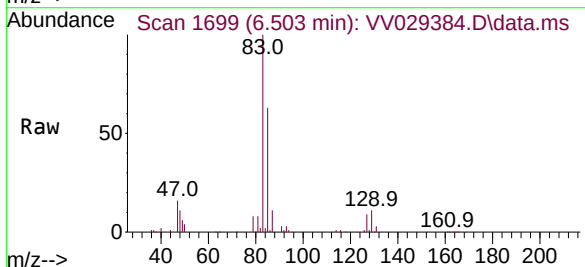
Tgt Ion: 83 Resp: 116829

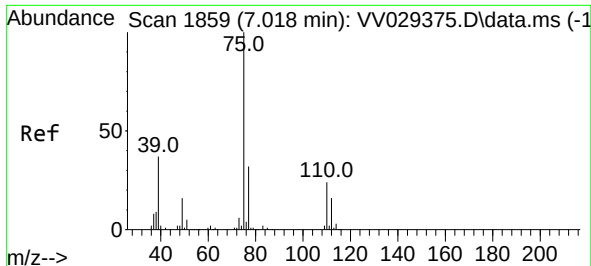
Ion Ratio Lower Upper

83 100

85 62.6 44.7 83.1

127 8.6 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 4.925 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

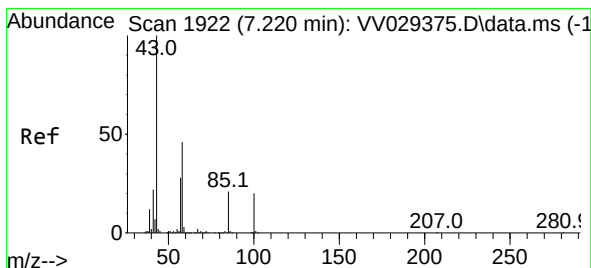
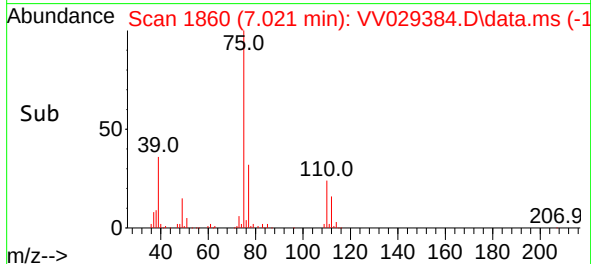
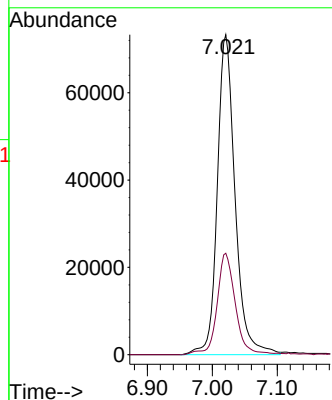
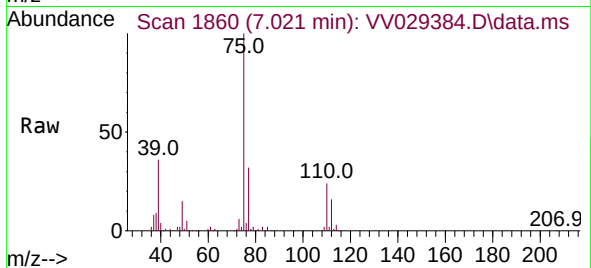
VSTD005373

Tgt Ion: 75 Resp: 139048

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 51.511 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

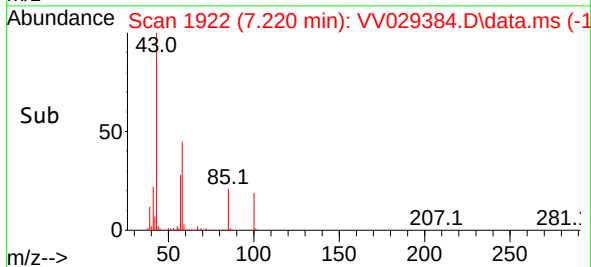
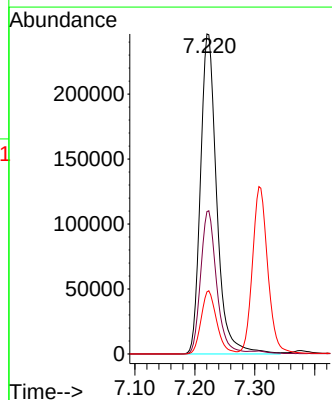
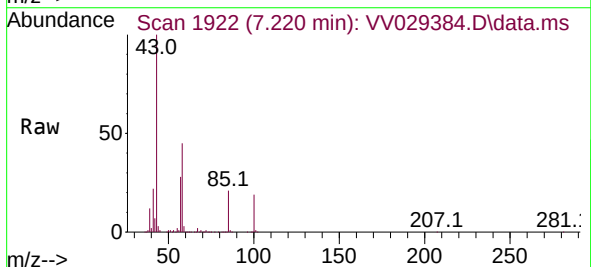
Tgt Ion: 43 Resp: 465569

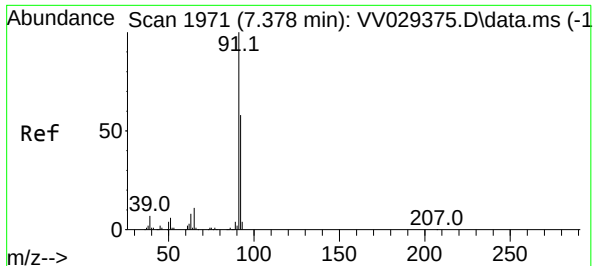
Ion Ratio Lower Upper

43 100

58 43.8 35.3 52.9

100 19.0 15.3 22.9





#42

Toluene

Concen: 4.886 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

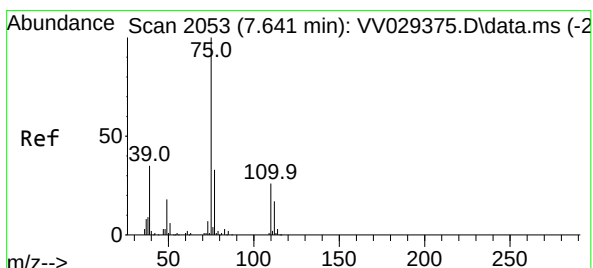
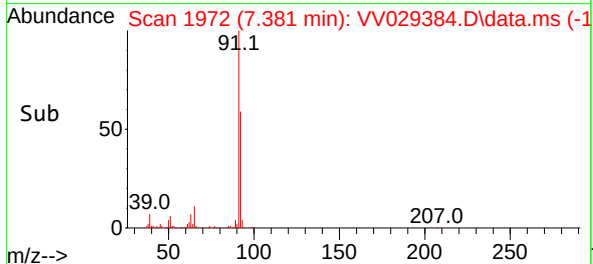
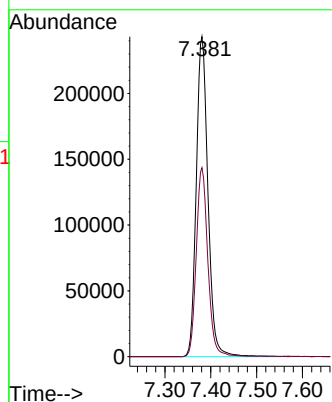
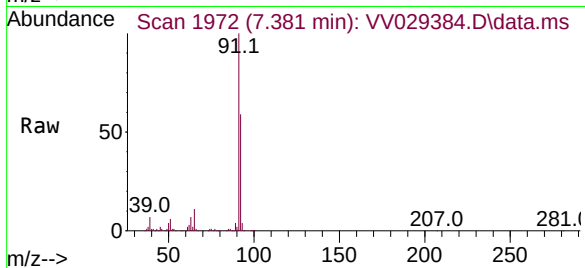
VSTD005373

Tgt Ion: 91 Resp: 429995

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.957 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029384.D

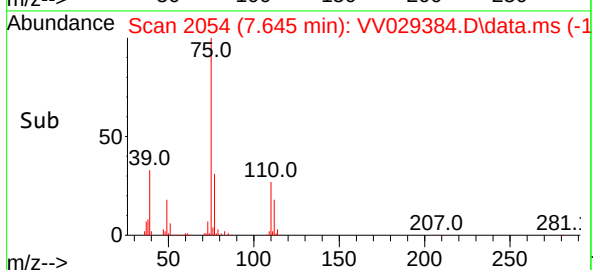
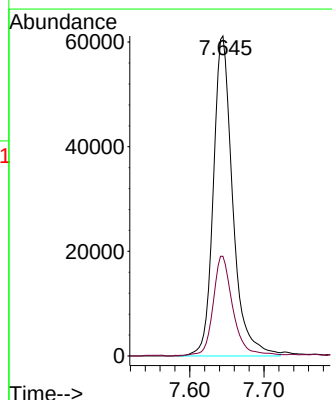
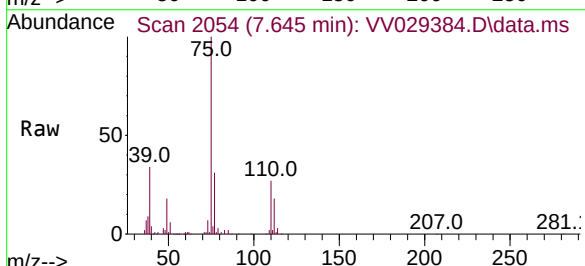
Acq: 29 Nov 2022 17:11

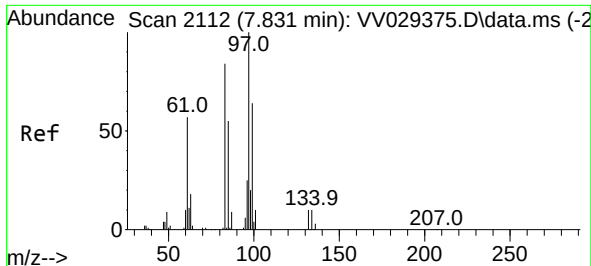
Tgt Ion: 75 Resp: 110875

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6

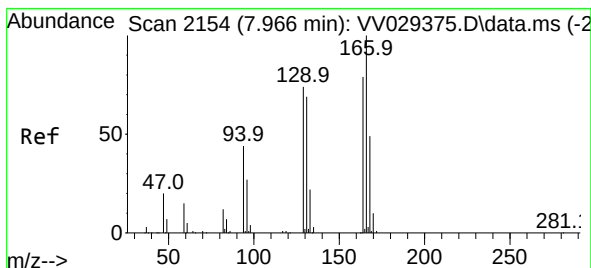
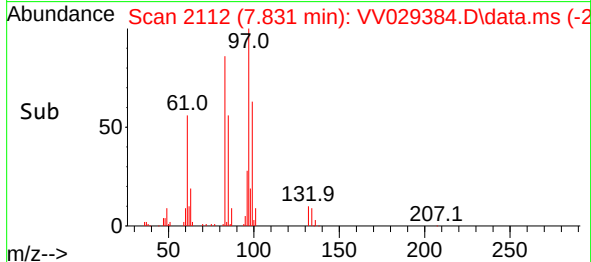
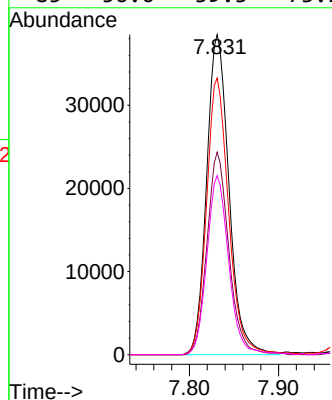
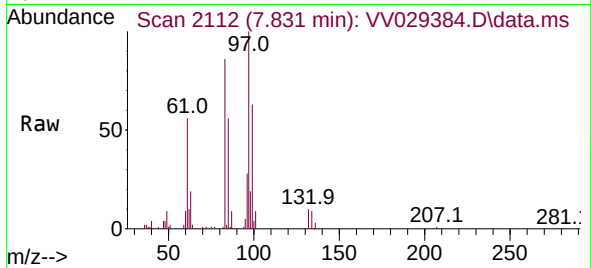




#45
1,1,2-Trichloroethane
Concen: 5.130 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

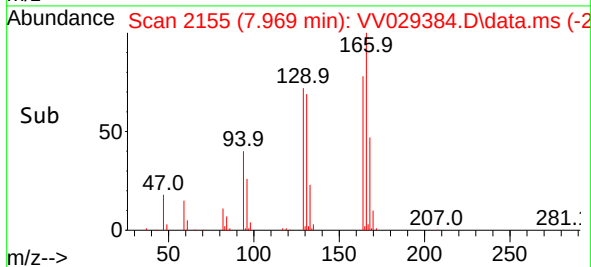
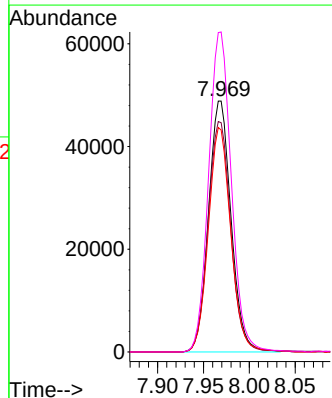
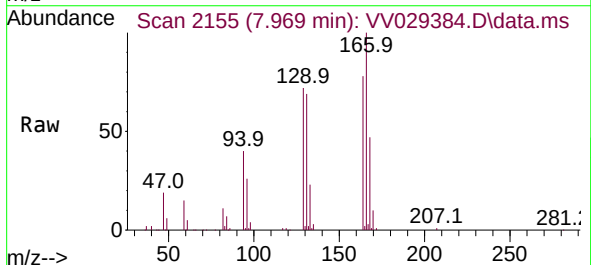
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

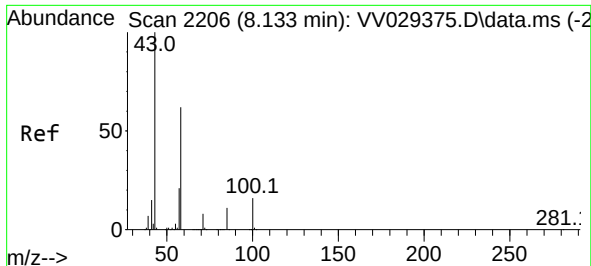
Tgt Ion: 97	Resp: 67087
Ion Ratio	Lower Upper
97 100	
99 63.3	44.4 82.5
83 86.4	59.5 110.5
85 56.0	39.3 73.1



#47
Tetrachloroethene
Concen: 4.865 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt	Ion:164	Resp:	83409
Ion	Ratio	Lower	Upper
164	100		
129	91.4	61.7	114.7
131	88.5	62.9	116.9
166	127.5	88.5	164.3

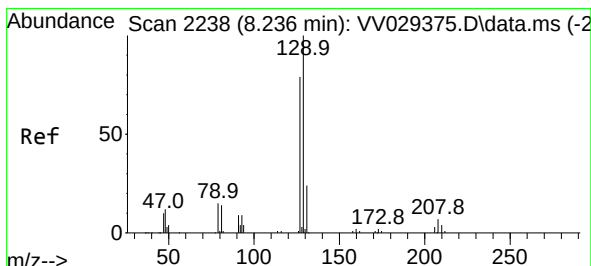
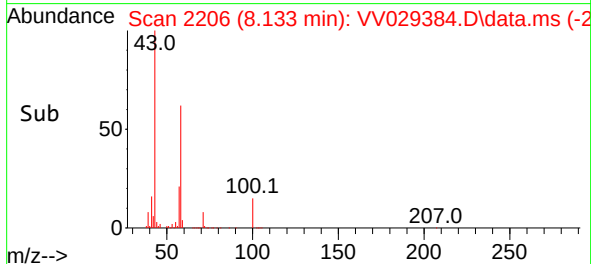
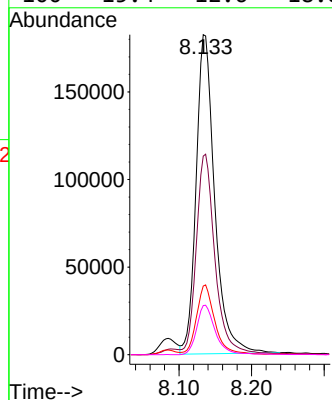
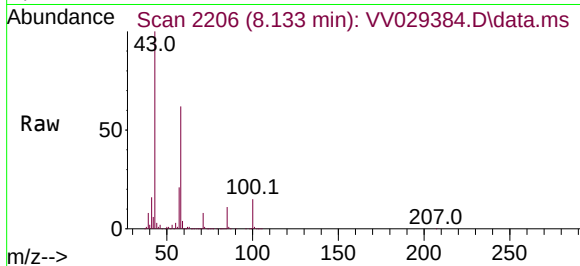




#48
2-Hexanone
Concen: 51.562 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

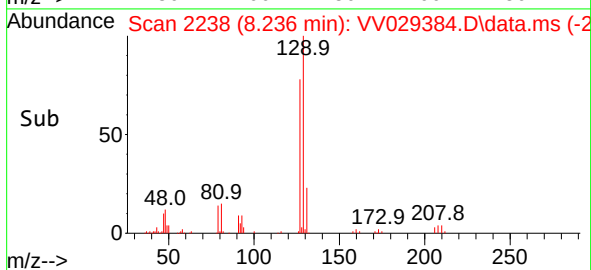
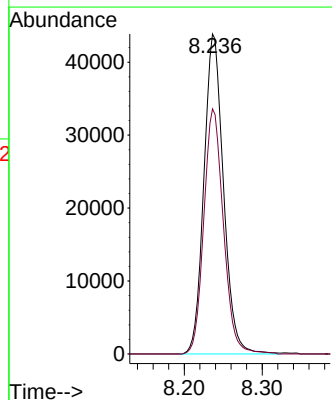
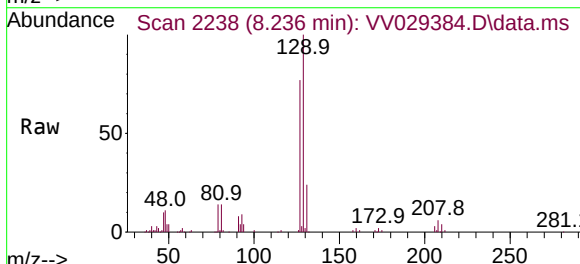
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

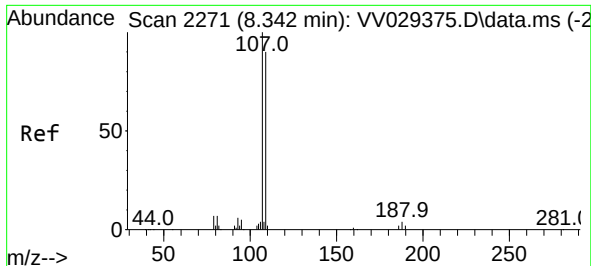
Tgt Ion:	43	Resp:	324884
Ion	Ratio	Lower	Upper
43	100		
58	62.5	49.4	74.0
57	21.3	16.9	25.3
100	15.4	12.6	18.8



#49
Dibromochloromethane
Concen: 5.199 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:	129	Resp:	76472
Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.1	98.7





#50

1,2-Dibromoethane

Concen: 5.368 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

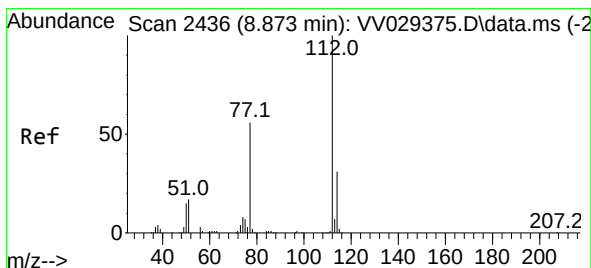
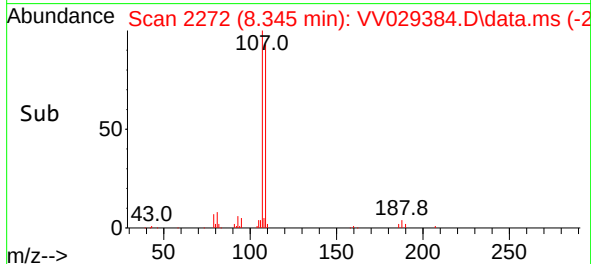
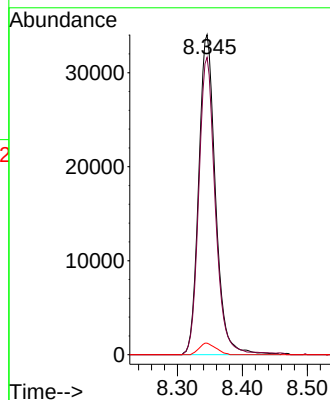
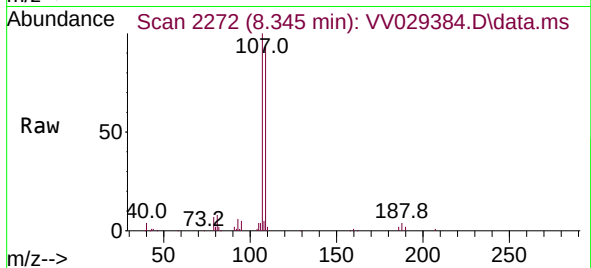
Tgt Ion:107 Resp: 61256

Ion Ratio Lower Upper

107 100

109 92.9 64.0 118.8

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 5.016 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

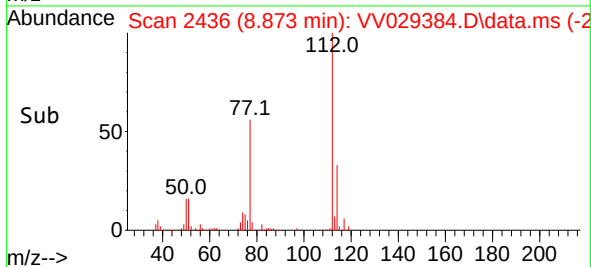
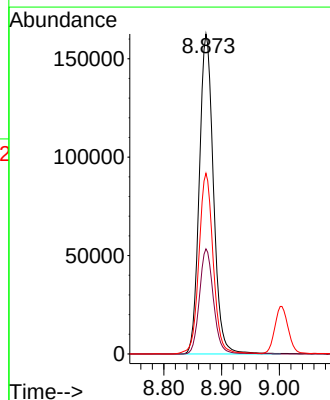
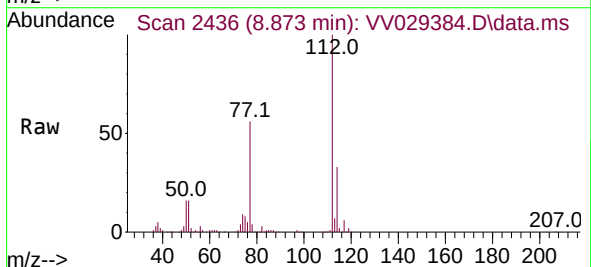
Tgt Ion:112 Resp: 275916

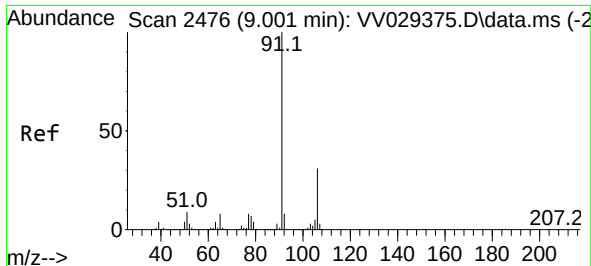
Ion Ratio Lower Upper

112 100

114 32.8 22.9 42.5

77 56.5 45.3 67.9

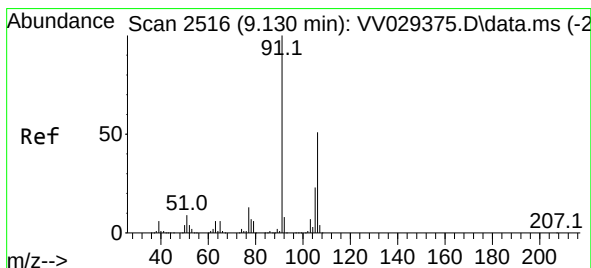
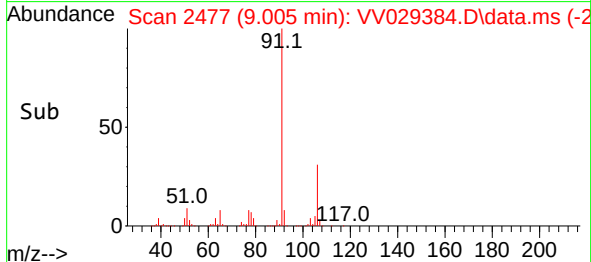
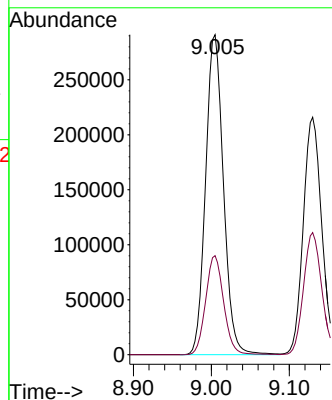
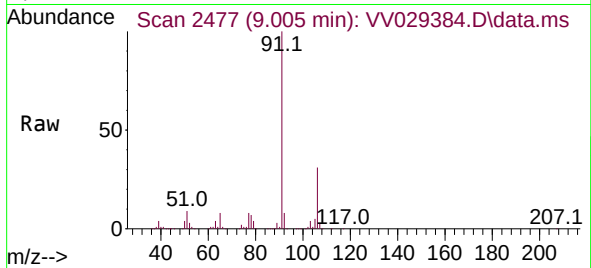




#52
Ethylbenzene
Concen: 5.057 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

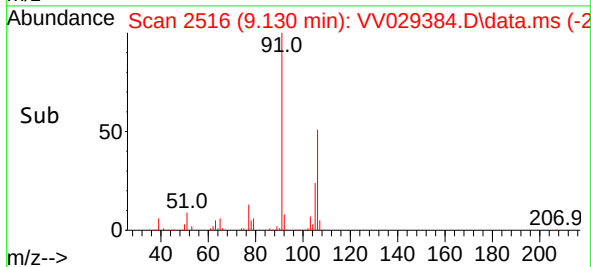
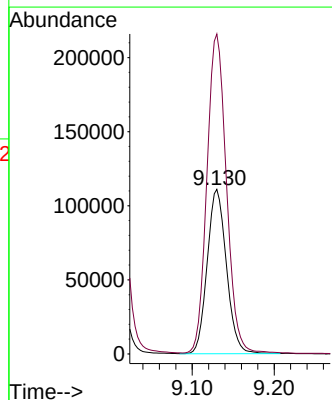
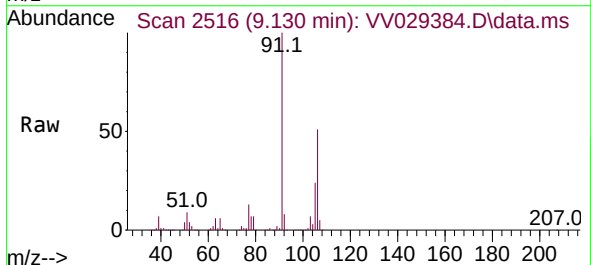
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

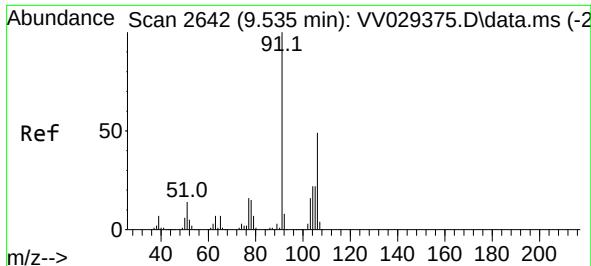
Tgt Ion: 91 Resp: 464006
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.010 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 106 Resp: 181305
Ion Ratio Lower Upper
106 100
91 194.4 140.6 261.2

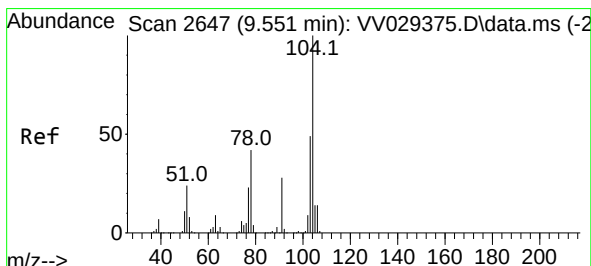
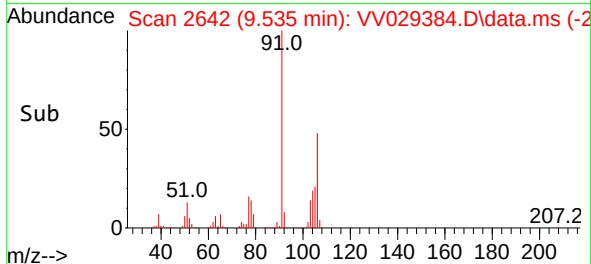
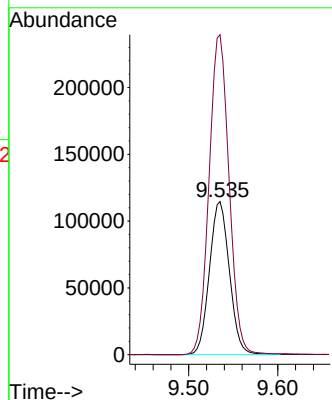
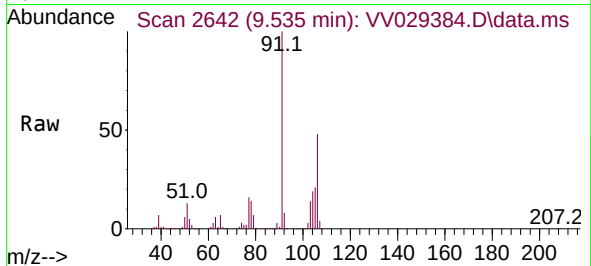




#54
o-Xylene
Concen: 5.012 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

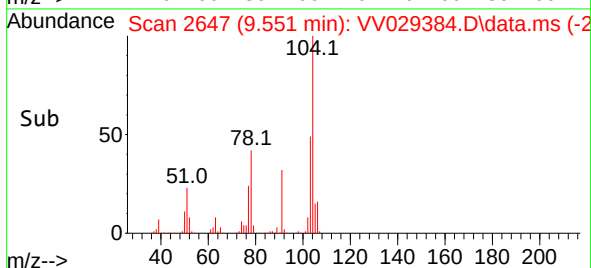
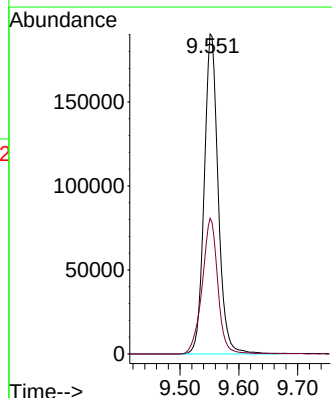
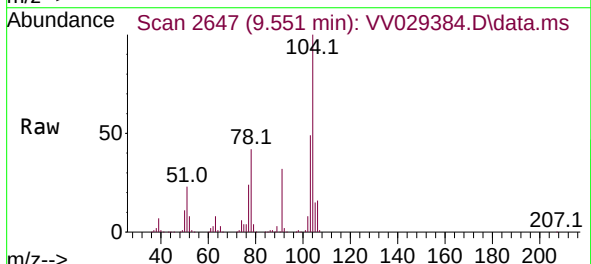
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

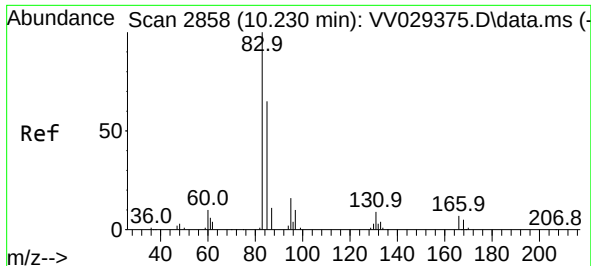
Tgt Ion:106 Resp: 178159
Ion Ratio Lower Upper
106 100
91 209.0 146.9 272.9



#55
Styrene
Concen: 5.242 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:104 Resp: 314548
Ion Ratio Lower Upper
104 100
78 42.3 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.673 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

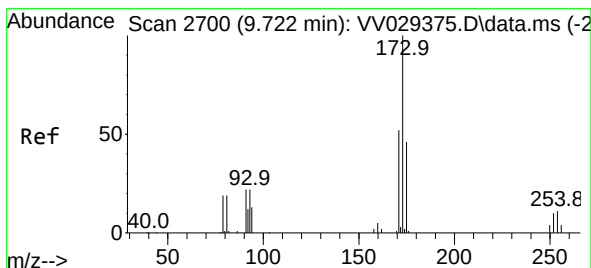
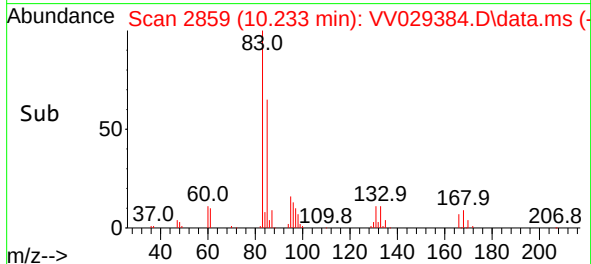
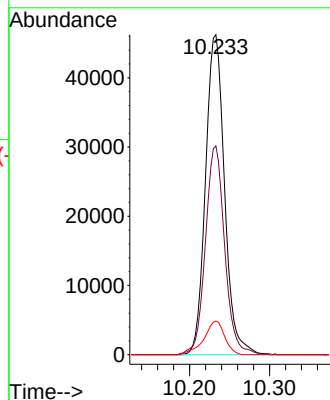
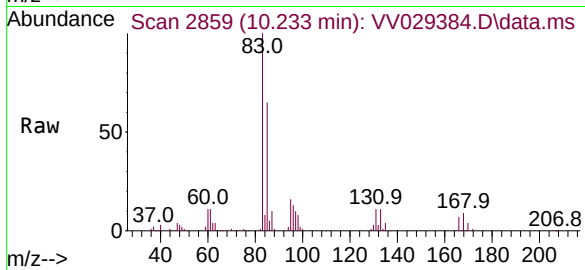
Tgt Ion: 83 Resp: 76760

Ion Ratio Lower Upper

83 100

85 65.3 45.5 84.5

131 10.5 8.2 12.2



#59

Bromoform

Concen: 5.299 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029384.D

Acq: 29 Nov 2022 17:11

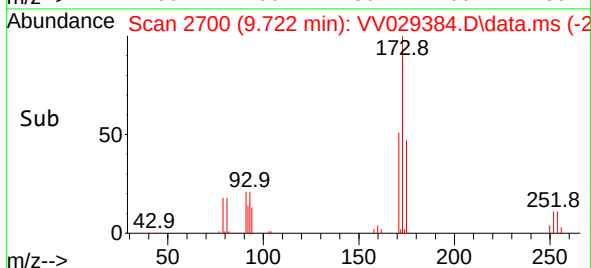
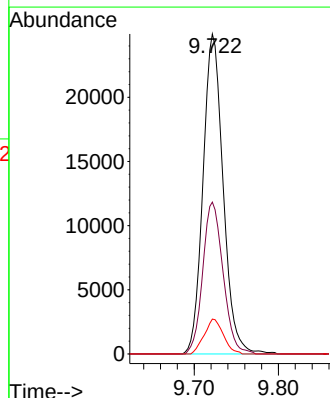
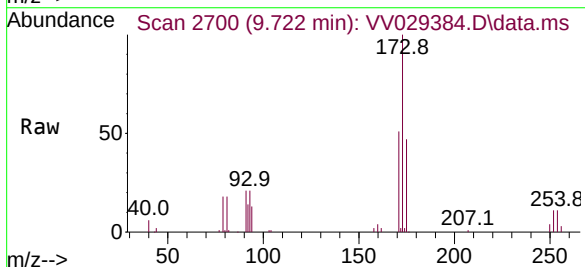
Tgt Ion: 173 Resp: 41529

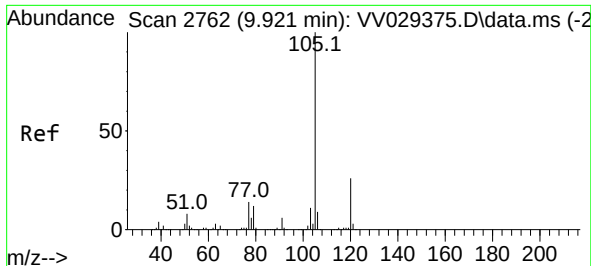
Ion Ratio Lower Upper

173 100

175 47.9 38.6 58.0

254 10.4 8.3 12.5

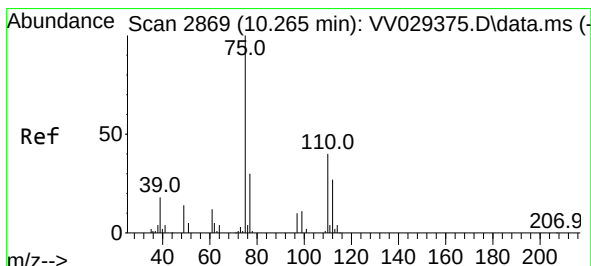
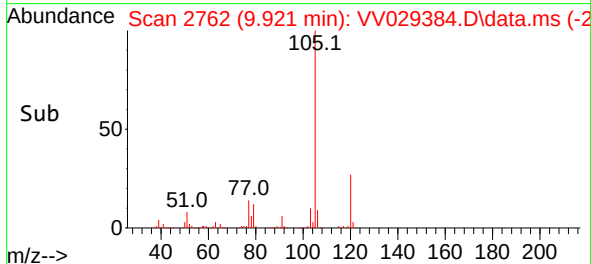
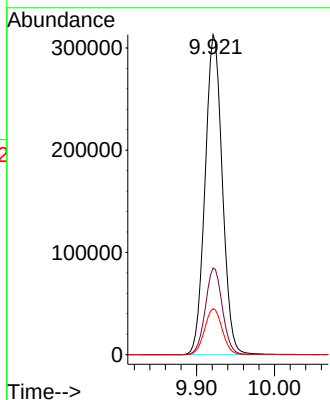
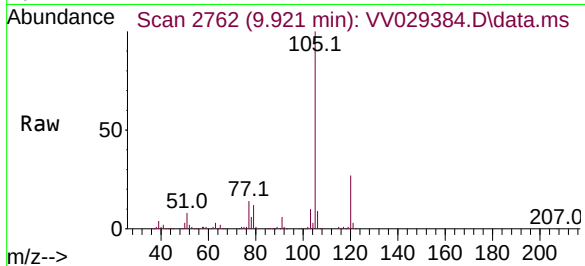




#60
Isopropylbenzene
Concen: 4.989 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

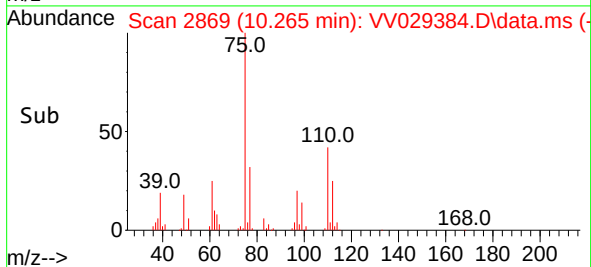
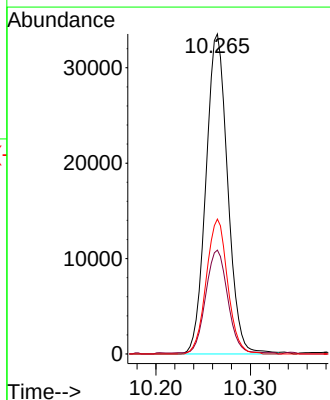
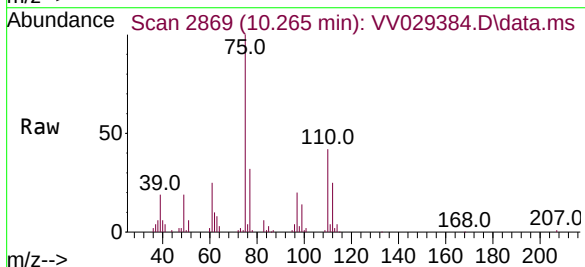
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

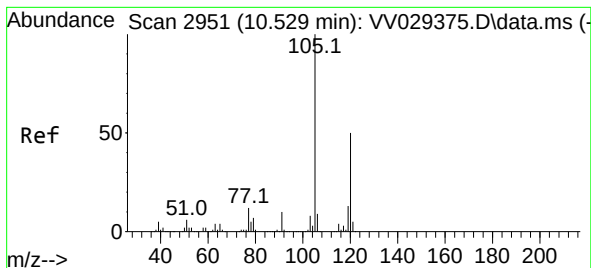
Tgt Ion:105 Resp: 481190
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.189 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 75 Resp: 53680
Ion Ratio Lower Upper
75 100
77 33.5 26.7 40.1
110 41.4 32.2 48.4

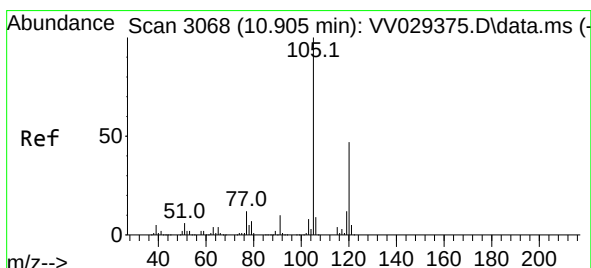
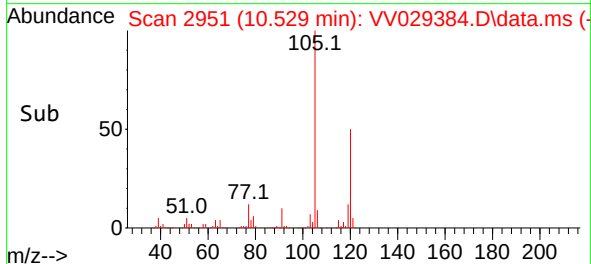
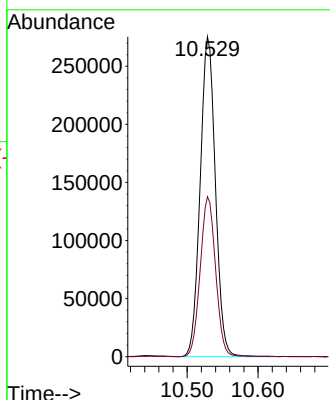
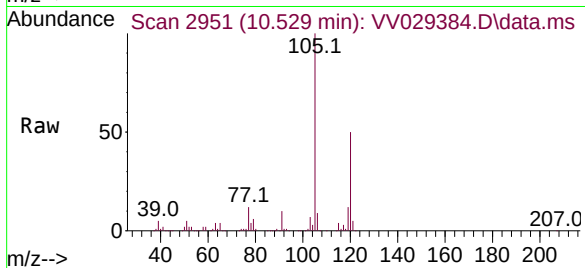




#62
1,3,5-Trimethylbenzene
Concen: 4.928 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

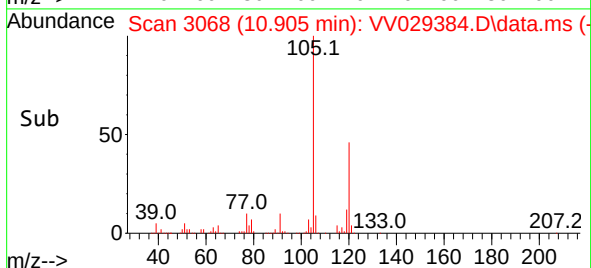
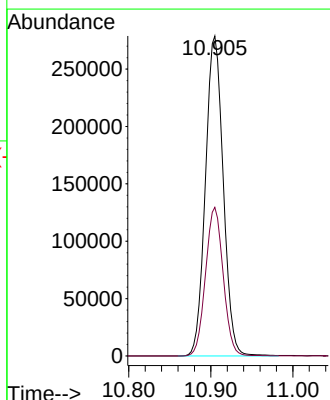
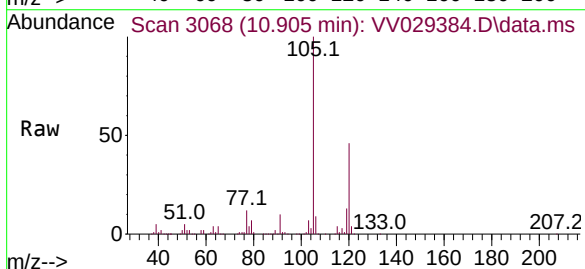
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

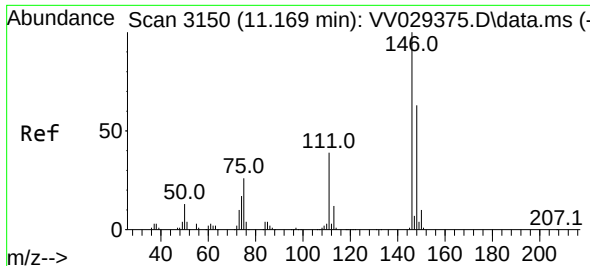
Tgt Ion:105 Resp: 411520
Ion Ratio Lower Upper
105 100
120 50.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.005 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:105 Resp: 420409
Ion Ratio Lower Upper
105 100
120 46.1 37.2 55.8

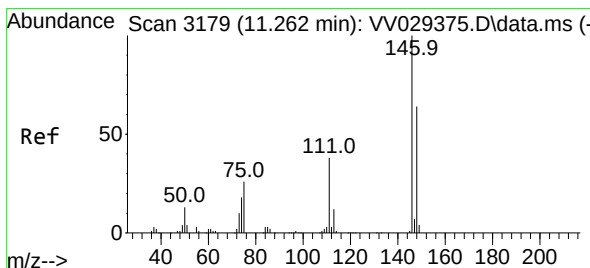
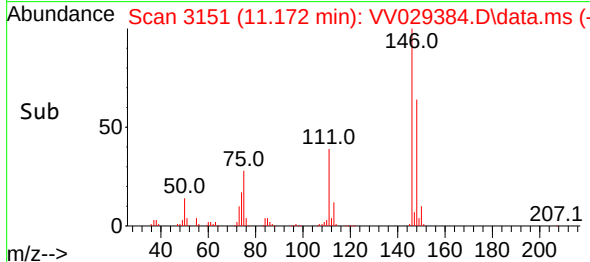
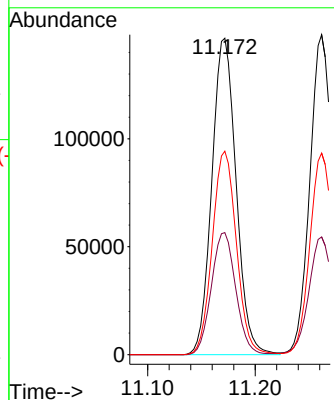
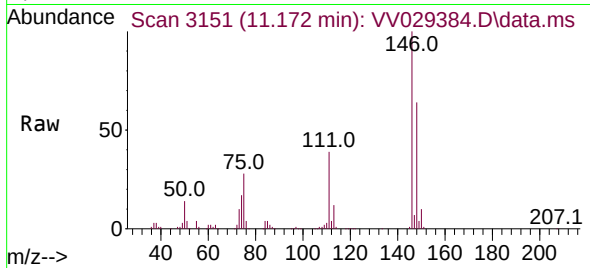




#64
1,3-Dichlorobenzene
Concen: 5.110 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

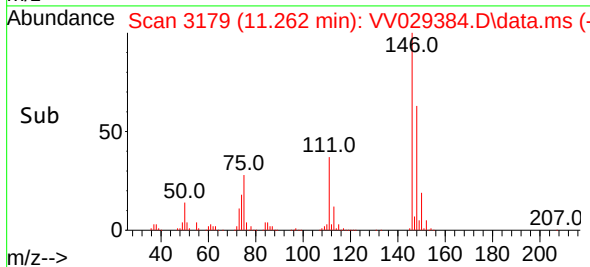
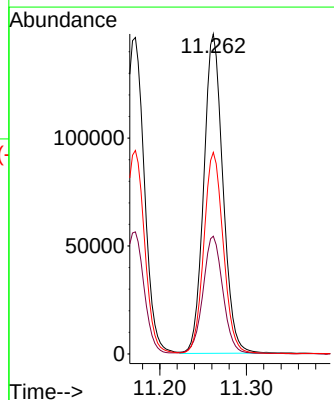
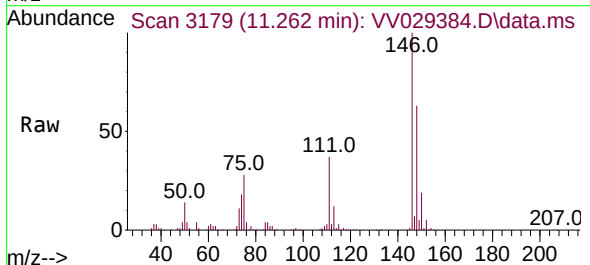
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

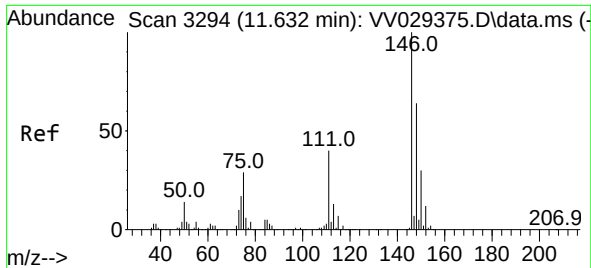
Tgt Ion:146 Resp: 229909
Ion Ratio Lower Upper
146 100
111 38.6 26.3 48.9
148 64.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.106 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:146 Resp: 227272
Ion Ratio Lower Upper
146 100
111 36.8 26.0 48.4
148 63.0 44.7 82.9

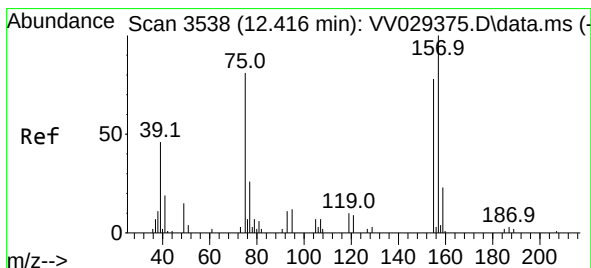
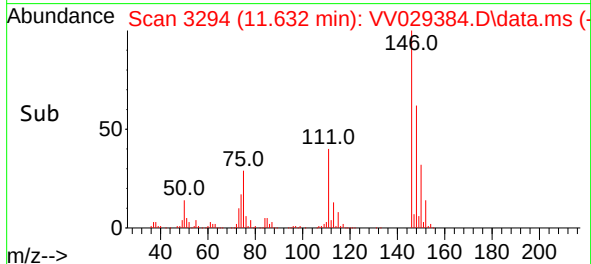
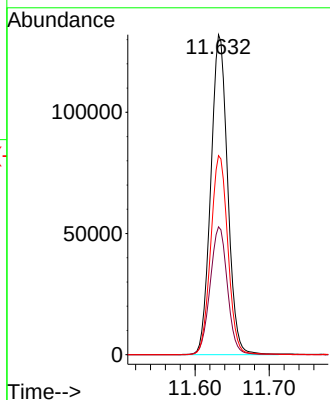
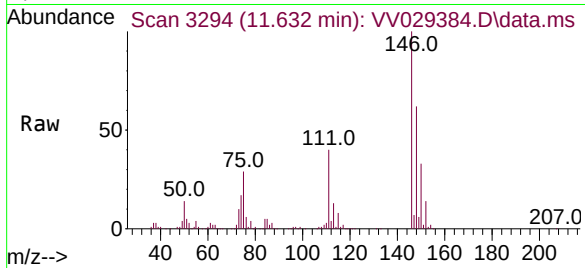




#67
1,2-Dichlorobenzene
Concen: 5.006 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

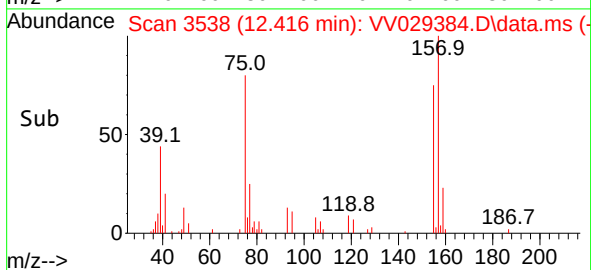
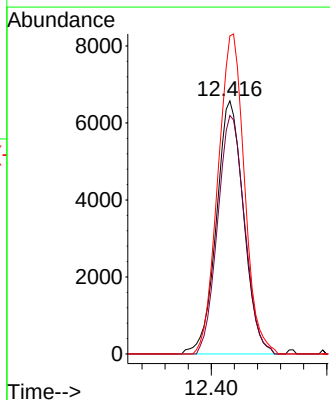
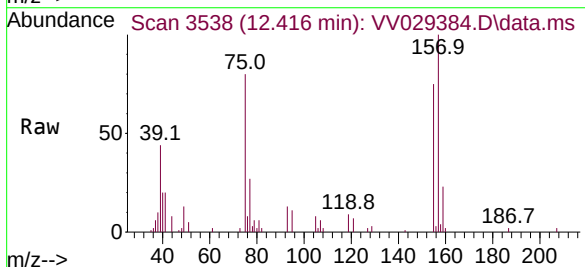
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

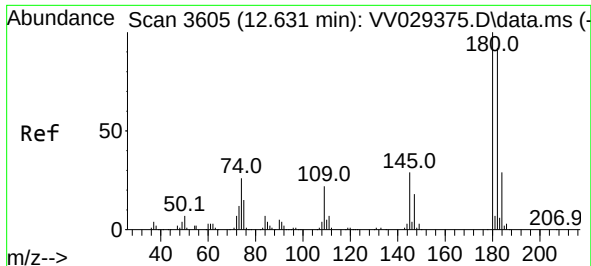
Tgt Ion:146 Resp: 207524
Ion Ratio Lower Upper
146 100
111 40.0 33.5 50.3
148 62.2 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.293 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion: 75 Resp: 10753
Ion Ratio Lower Upper
75 100
155 94.2 76.6 115.0
157 125.7 96.9 145.3

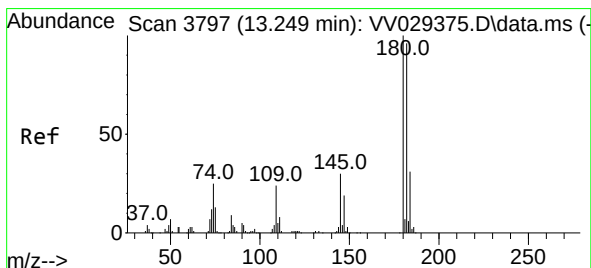
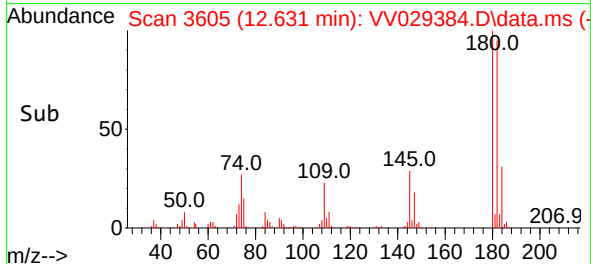
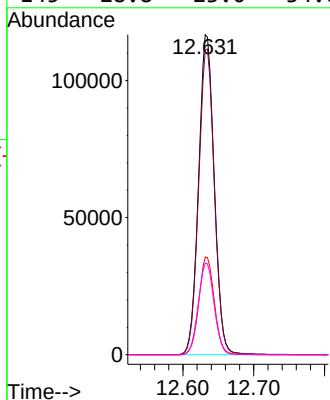
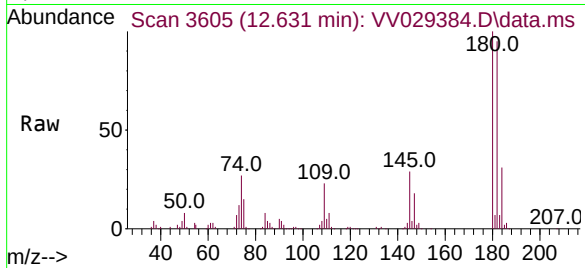




#69
 1,3,5-Trichlorobenzene
 Concen: 4.840 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

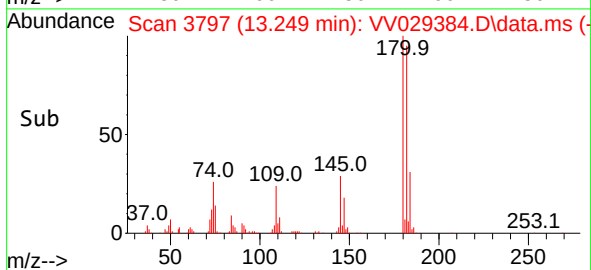
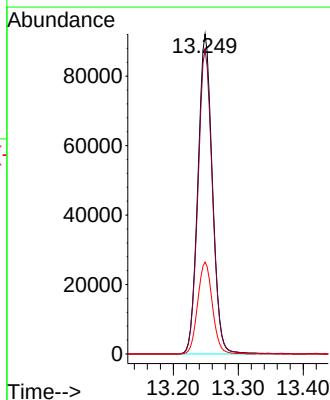
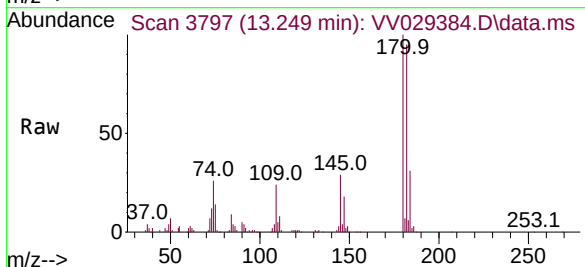
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

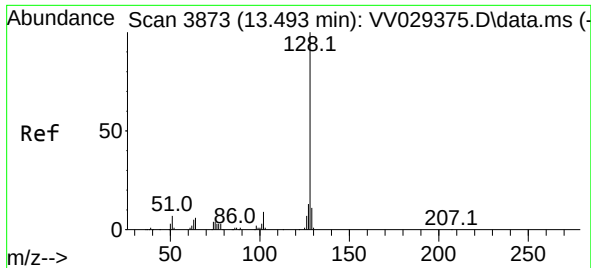
Tgt Ion:	180	Resp:	179412
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.0	115.6
184	30.1	24.4	36.6
145	28.8	23.0	34.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.760 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029384.D
 Acq: 29 Nov 2022 17:11

Tgt Ion:	180	Resp:	142977
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.4
145	29.1	23.4	35.0

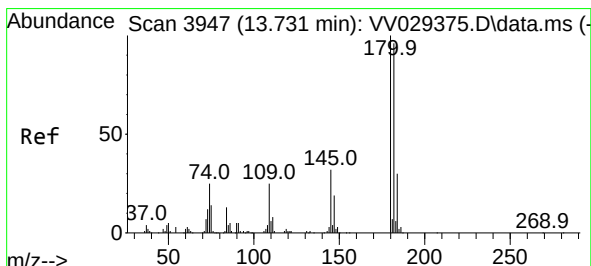
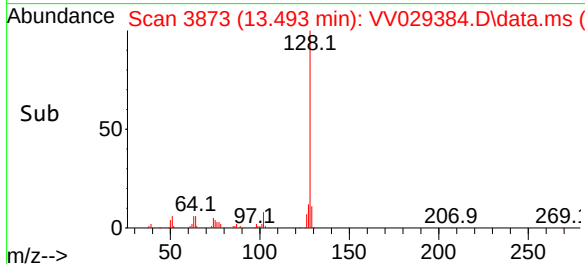
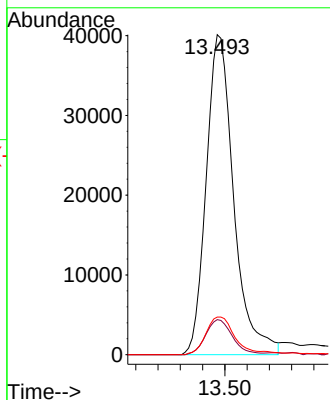
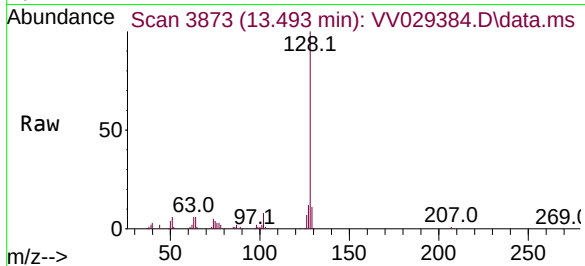




#71
Naphthalene
Concen: 2.650 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion:	128	Resp:	68916
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	12.7	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.906 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029384.D
Acq: 29 Nov 2022 17:11

Tgt Ion:	180	Resp:	119964
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.0	112.4
145	30.7	25.2	37.8

