

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031337.D
 Acq On : 05 Jun 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jun 06 01:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 03 01:29:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	132360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	134380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	73825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51011	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.532	69	44854	3.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.060	65	27159	4.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	39916	12.809	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	25.620%#
24) Chloroform-d	4.253	84	108625	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	54676	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	192128	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.995	67	60815	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.246	98	185039	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.558	79	23066	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.034	63	93068	46.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.240%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	46890	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	59539	4.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	79943	4.476	ug/L	100
3) Chloromethane	1.214	50	72661	4.117	ug/L	98
5) Vinyl chloride	1.282	62	74426	4.219	ug/L	96
6) Bromomethane	1.487	94	39212	3.877	ug/L	98
8) Chloroethane	1.549	64	45457	4.133	ug/L	99
9) Trichlorofluoromethane	1.712	101	118748	4.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	64060	4.460	ug/L	95
12) 1,1-Dichloroethene	2.069	96	55273	4.470	ug/L	98
13) Acetone	2.163	43	180588	50.145	ug/L	88
14) Carbon disulfide	2.240	76	162210	4.425	ug/L	100
15) Methyl Acetate	2.391	43	28423	4.063	ug/L	99
16) Methylene chloride	2.449	84	61416	4.085	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	122945	4.363	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	52166	4.448	ug/L	98
19) 1,1-Dichloroethane	3.114	63	115668	4.441	ug/L	99
21) 2-Butanone	3.909	43	178326	38.074	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	55558	4.675	ug/L	99
23) Bromochloromethane	4.153	128	25313	4.506	ug/L	93
25) Chloroform	4.282	83	117156	4.301	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
 Data File : VV031337.D
 Acq On : 05 Jun 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jun 06 01:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 03 01:29:56 2023
 Response via : Initial Calibration

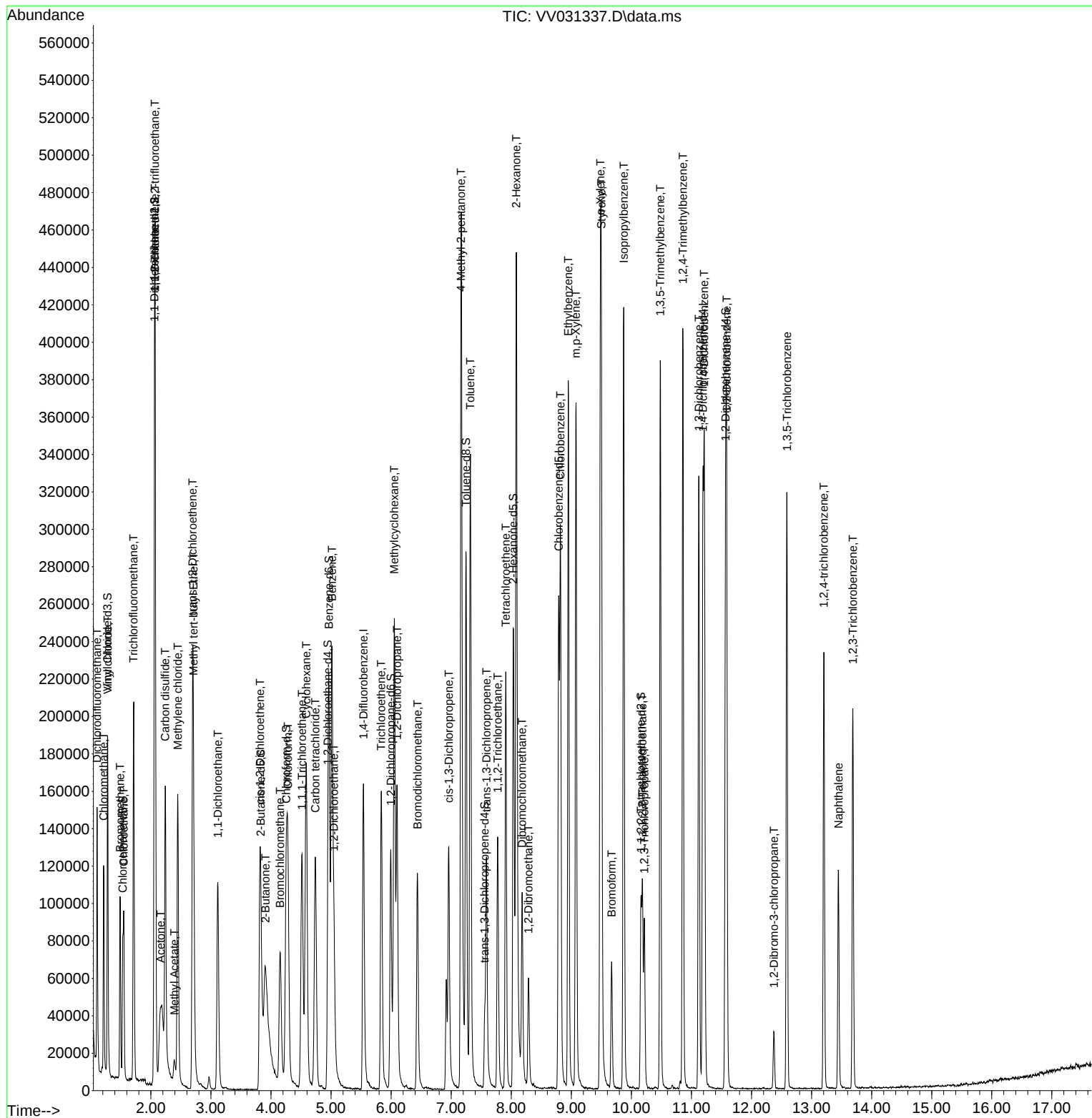
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	75203	4.750	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	105488	4.722	ug/L	99
30) Cyclohexane	4.587	56	91451	4.508	ug/L	94
31) Carbon tetrachloride	4.738	117	97021	4.869	ug/L	100
33) Benzene	5.015	78	224692	4.698	ug/L	100
34) Trichloroethene	5.835	95	59195	4.583	ug/L	97
35) Methylcyclohexane	6.053	83	88816	4.619	ug/L	98
37) 1,2-Dichloropropane	6.098	63	62330	4.429	ug/L	98
38) Bromodichloromethane	6.439	83	82401	4.579	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	81882	4.432	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	379044	45.899	ug/L	98
42) Toluene	7.320	91	247183	4.871	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	75098	4.726	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	41980	4.394	ug/L	96
47) Tetrachloroethene	7.908	164	49119	4.880	ug/L	97
48) 2-Hexanone	8.085	43	328354	50.065	ug/L	99
49) Dibromochloromethane	8.182	129	50516	4.735	ug/L	100
50) 1,2-Dibromoethane	8.288	107	40505	4.584	ug/L	94
51) Chlorobenzene	8.818	112	148673	4.703	ug/L	99
52) Ethylbenzene	8.950	91	253143	4.769	ug/L	97
53) m,p-Xylene	9.079	106	96089	5.032	ug/L	95
54) o-Xylene	9.484	106	89754	5.015	ug/L	97
55) Styrene	9.500	104	162861	5.116	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	49846	4.377	ug/L	97
59) Bromoform	9.670	173	29382	4.940	ug/L	97
60) Isopropylbenzene	9.873	105	252259	4.757	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36550	4.053	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	199600	4.645	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	211066	4.759	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	125595	4.890	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	124107	4.614	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	114422	4.644	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	8039	3.886	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	93548	4.902	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	69944	4.570	ug/L	96
71) Naphthalene	13.448	128	88994	3.790	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	60448	4.403	ug/L	98

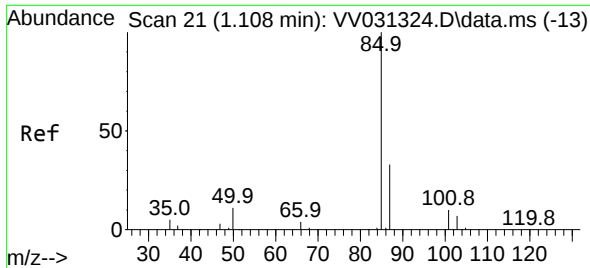
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031337.D
Acq On : 05 Jun 2023 10:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Quant Time: Jun 06 01:57:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 03 01:29:56 2023
Response via : Initial Calibration

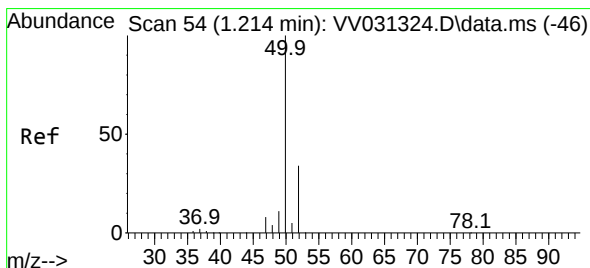
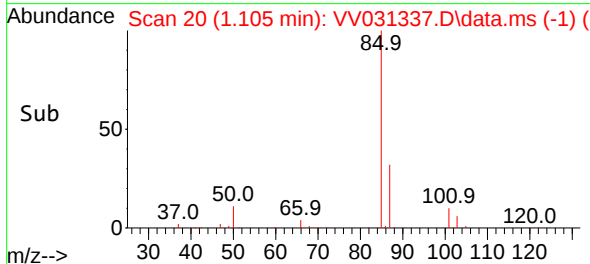
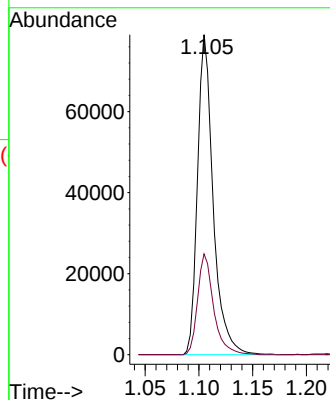
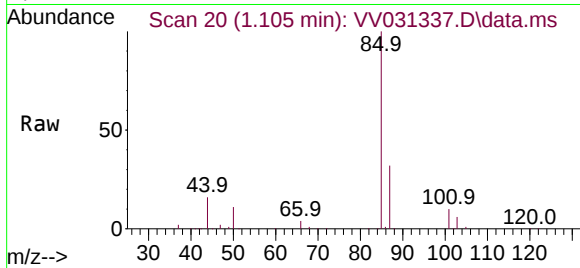




#2
 Dichlorodifluoromethane
 Concen: 4.476 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

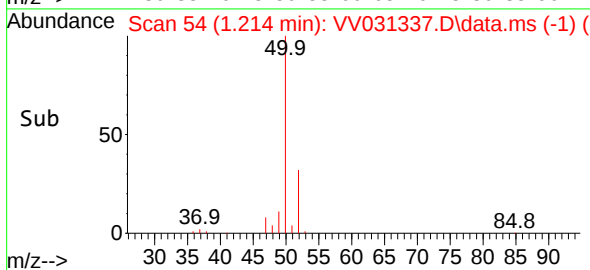
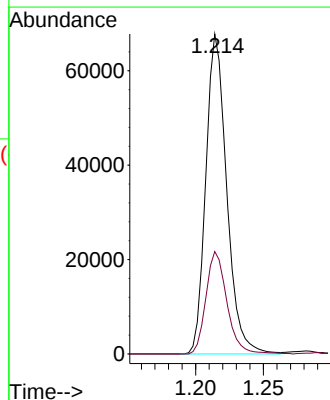
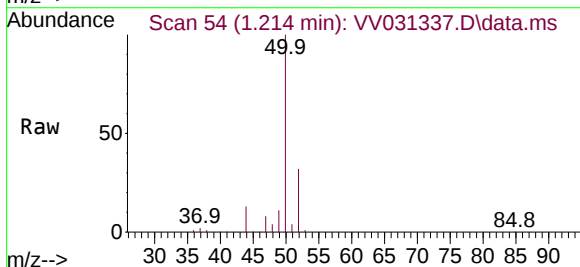
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

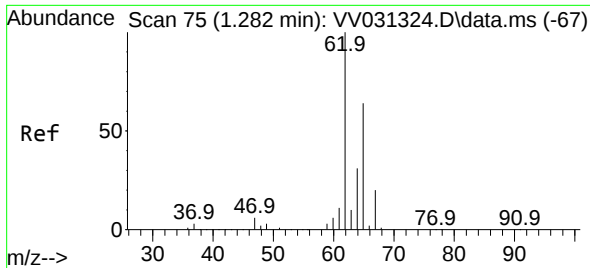
Tgt Ion: 85 Resp: 79943
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 4.117 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

Tgt Ion: 50 Resp: 72661
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.2 43.2

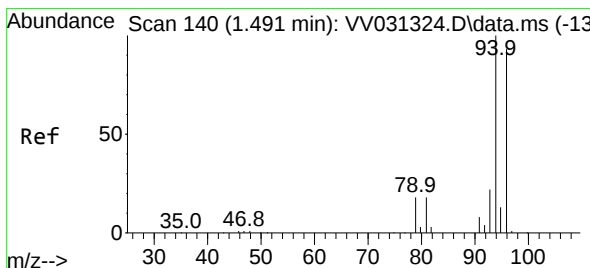
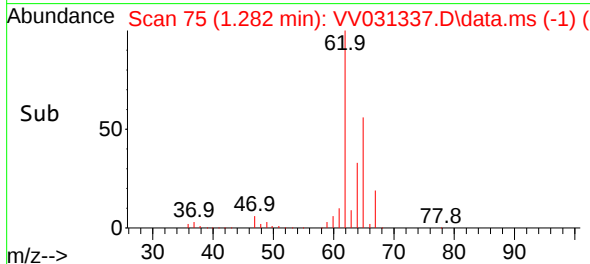
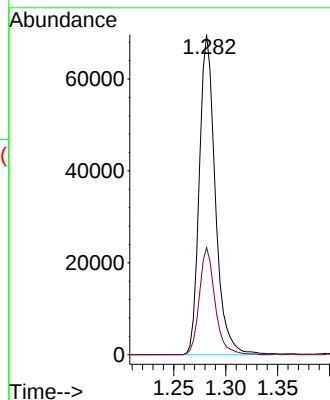
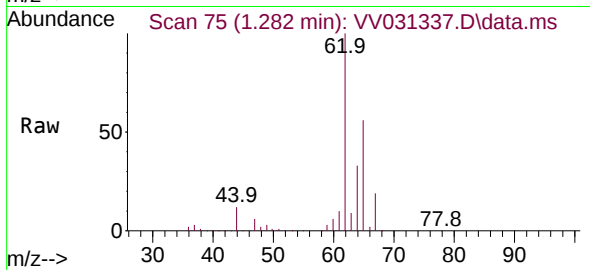




#5
 Vinyl chloride
 Concen: 4.219 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

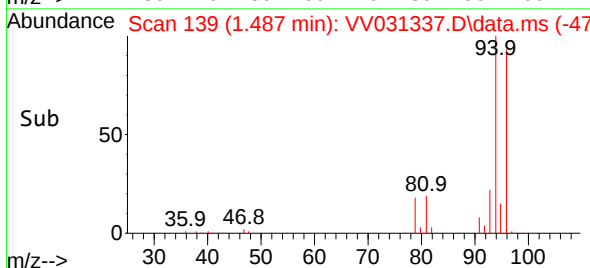
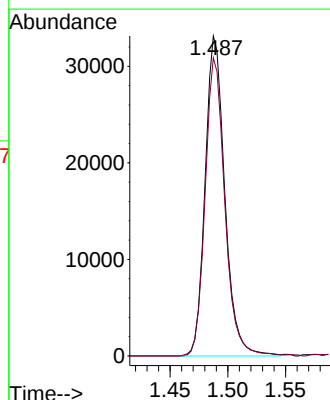
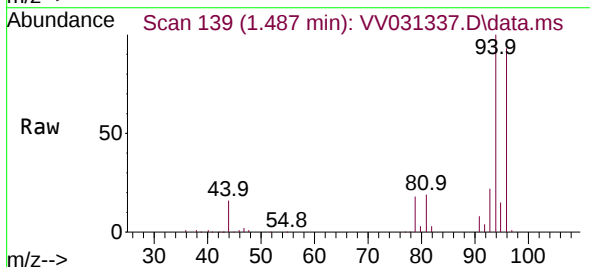
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

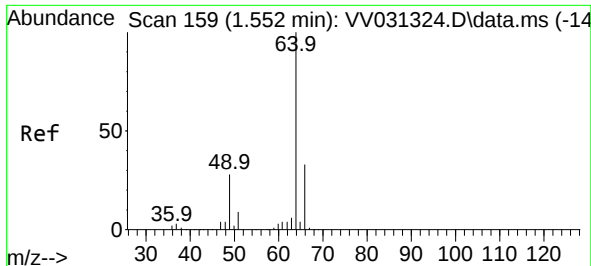
Tgt Ion: 62 Resp: 74426
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.0 40.8



#6
 Bromomethane
 Concen: 3.877 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

Tgt Ion: 94 Resp: 39212
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.7 118.3

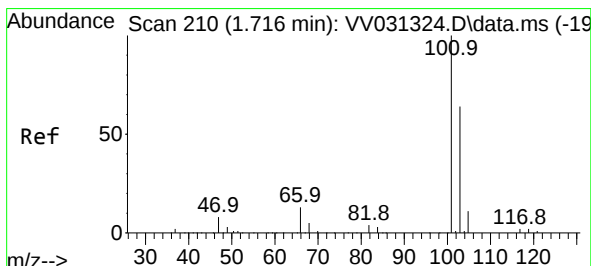
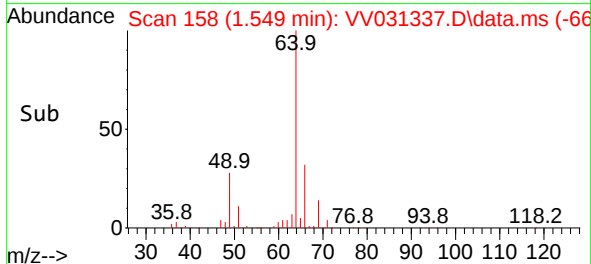
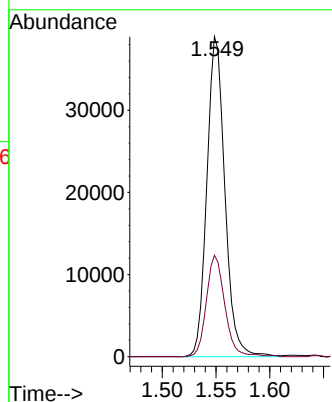
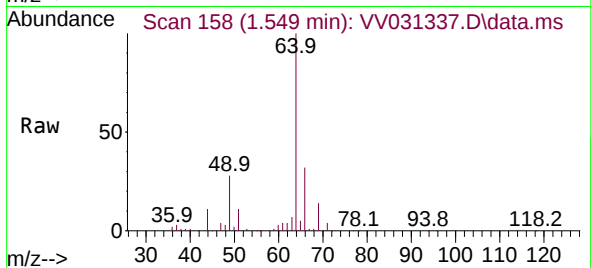




#8
Chloroethane
Concen: 4.133 ug/L
RT: 1.549 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

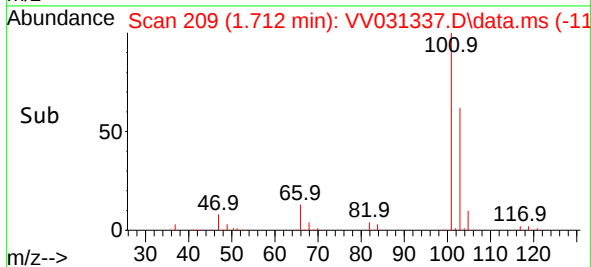
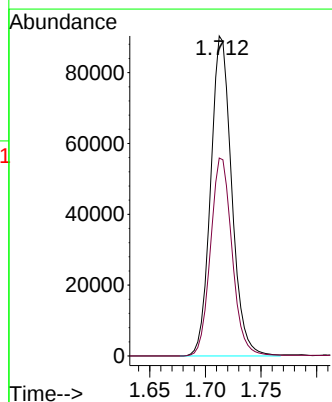
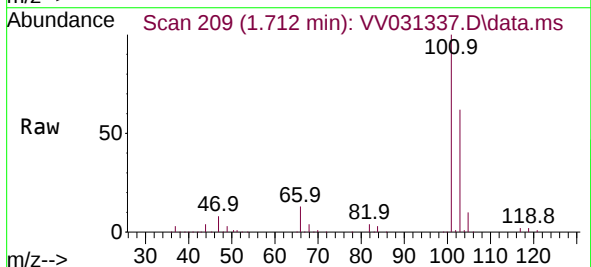
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

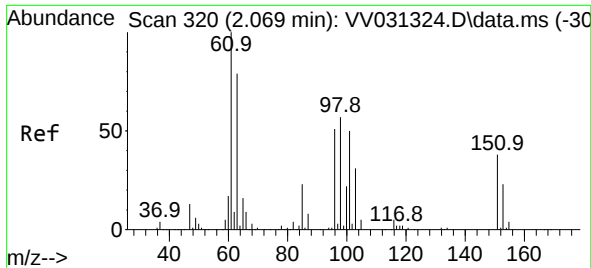
Tgt Ion: 64 Resp: 45457
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.570 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:101 Resp: 118748
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

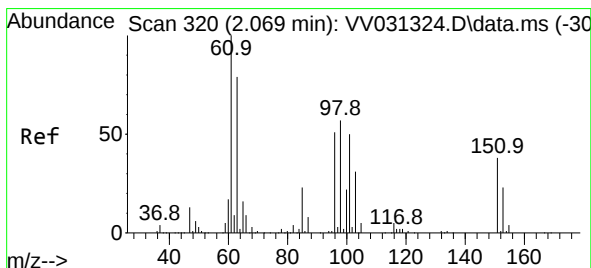
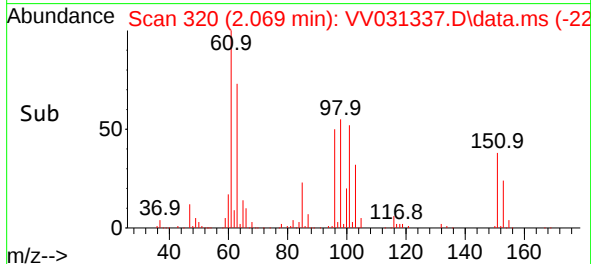
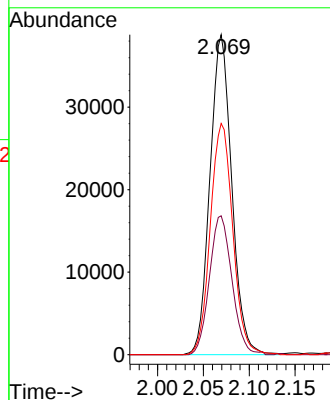
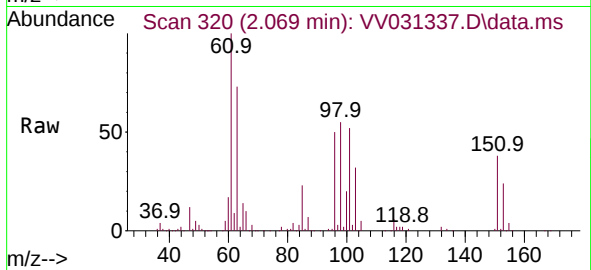




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.460 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

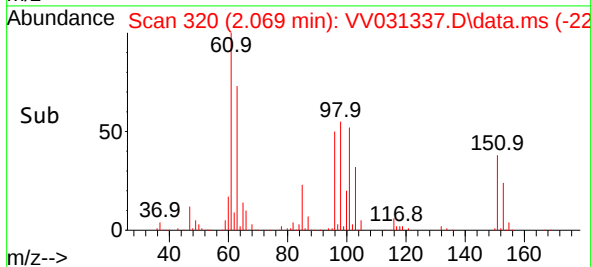
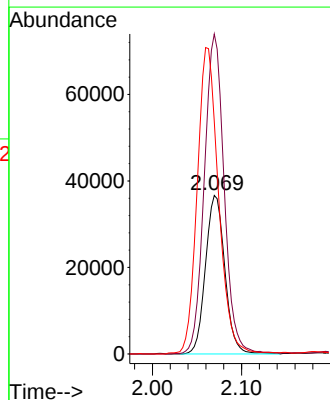
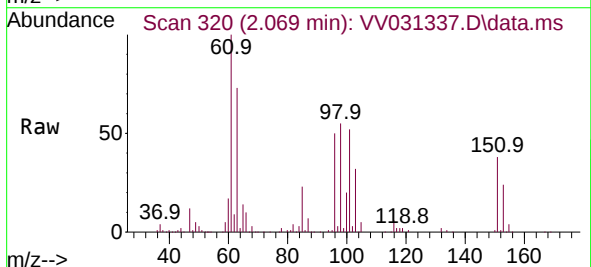
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

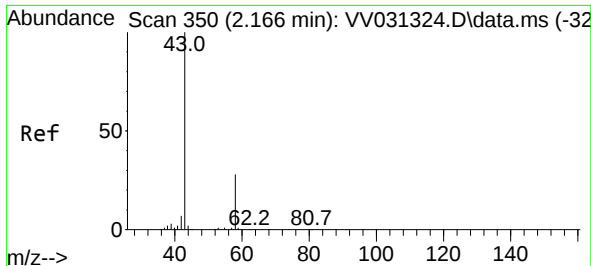
Tgt Ion:101 Resp: 64060
 Ion Ratio Lower Upper
 101 100
 85 44.8 37.2 55.8
 151 74.6 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.470 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

Tgt Ion: 96 Resp: 55273
 Ion Ratio Lower Upper
 96 100
 61 201.8 138.3 256.8
 63 146.6 101.9 189.3





#13

Acetone

Concen: 50.145 ug/L

RT: 2.163 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

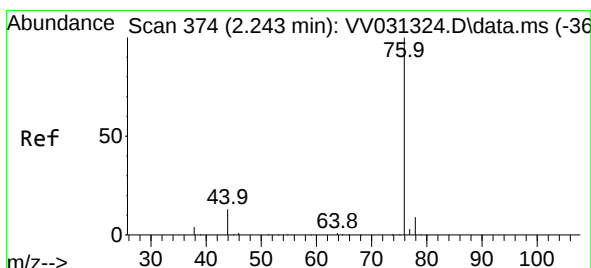
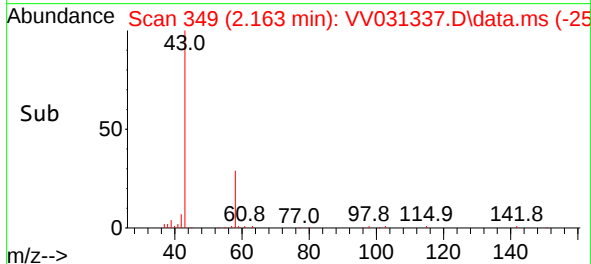
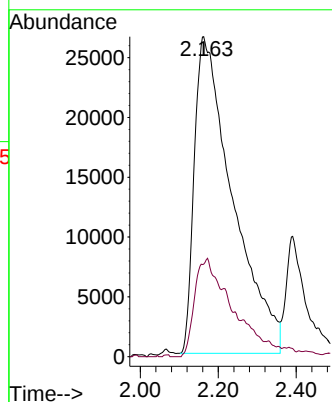
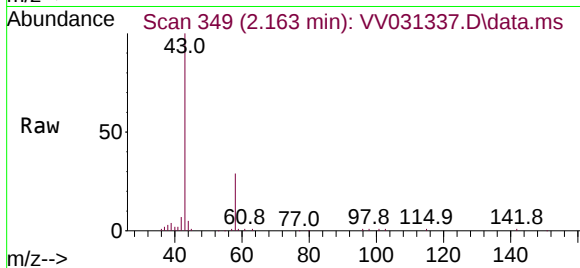
VSTD005363

Tgt Ion: 43 Resp: 180588

Ion Ratio Lower Upper

43 100

58 18.2 0.0 48.4



#14

Carbon disulfide

Concen: 4.425 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV031337.D

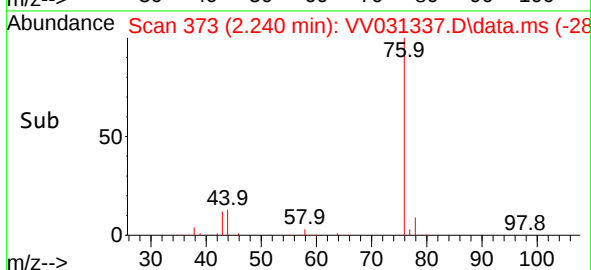
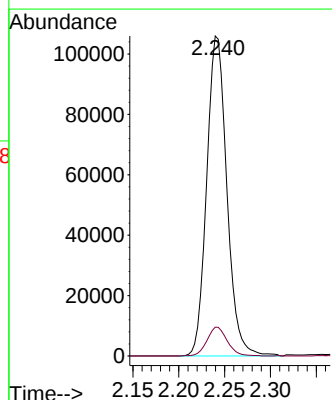
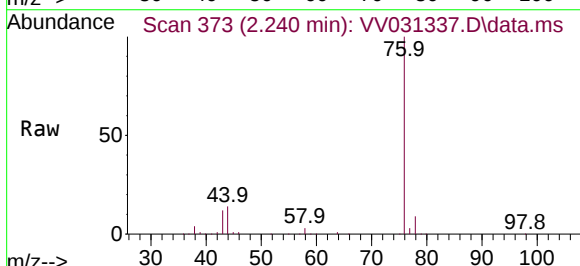
Acq: 05 Jun 2023 10:14

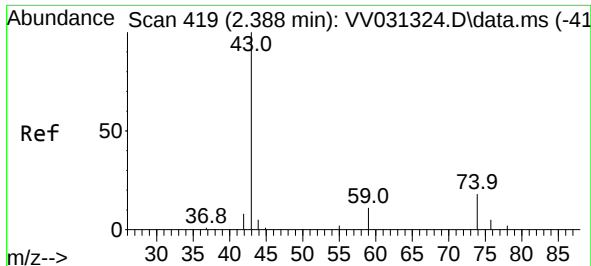
Tgt Ion: 76 Resp: 162210

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

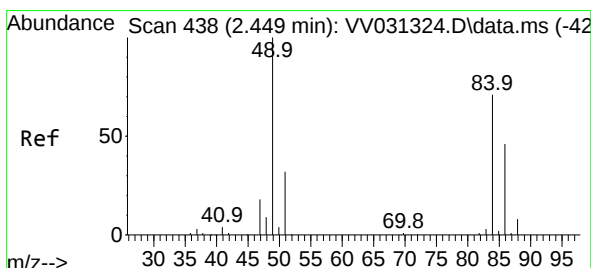
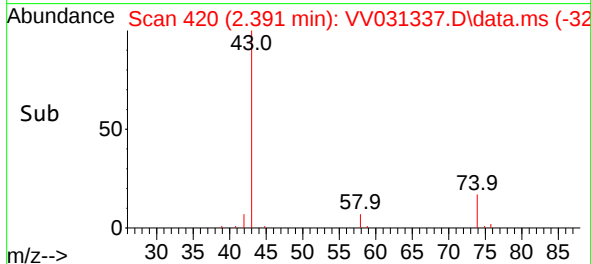
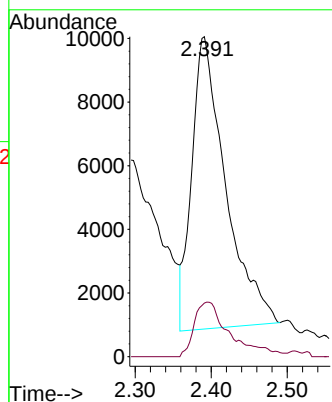
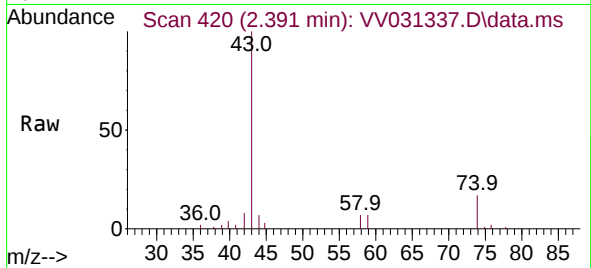




#15
Methyl Acetate
Concen: 4.063 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

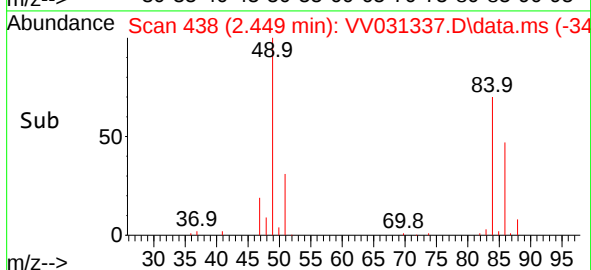
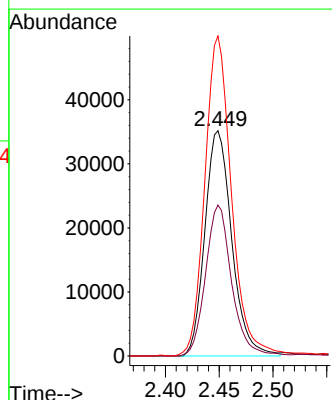
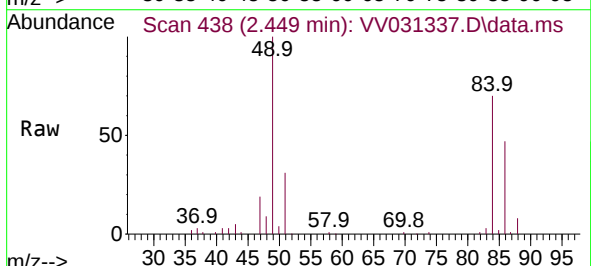
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

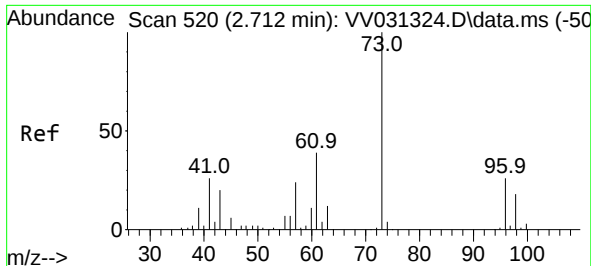
Tgt Ion: 43 Resp: 28423
Ion Ratio Lower Upper
43 100
74 19.5 16.2 24.2



#16
Methylene chloride
Concen: 4.085 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 84 Resp: 61416
Ion Ratio Lower Upper
84 100
86 67.0 46.7 86.7
49 142.0 101.6 188.8

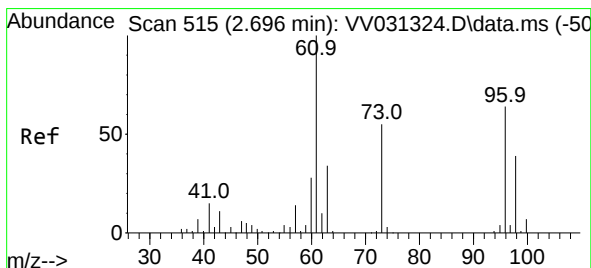
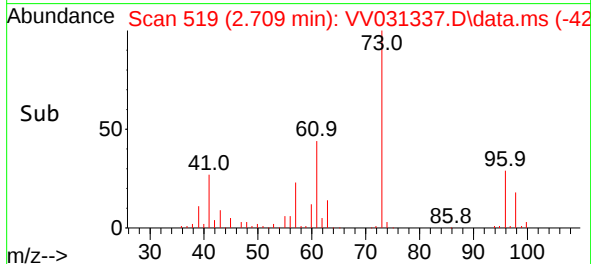
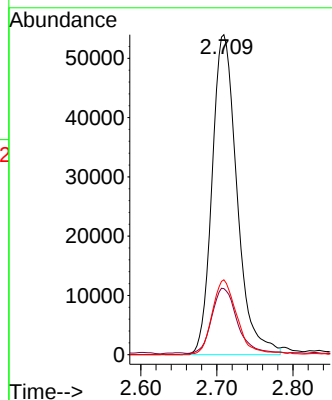
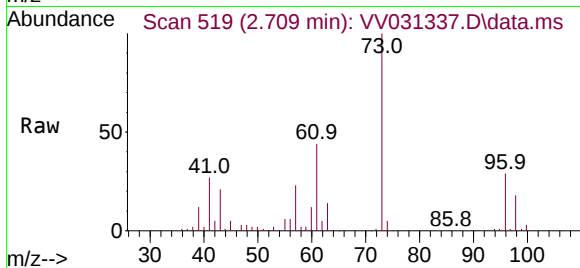




#17
Methyl tert-butyl Ether
Concen: 4.363 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

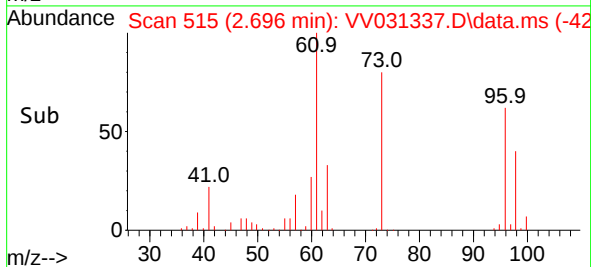
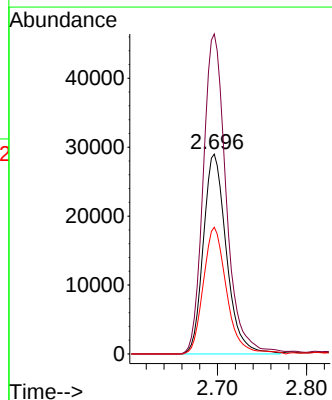
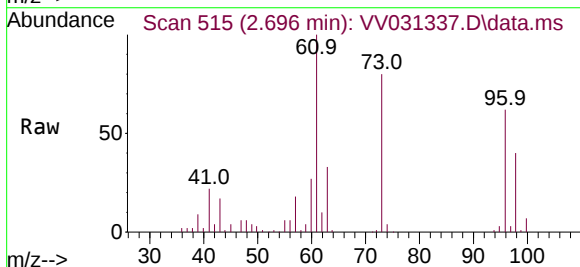
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

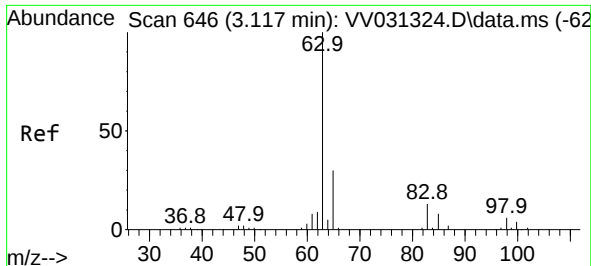
Tgt Ion: 73 Resp: 122945
Ion Ratio Lower Upper
73 100
43 20.7 17.8 26.8
57 23.4 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 4.448 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 96 Resp: 52166
Ion Ratio Lower Upper
96 100
61 160.1 114.2 212.0
98 63.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.441 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

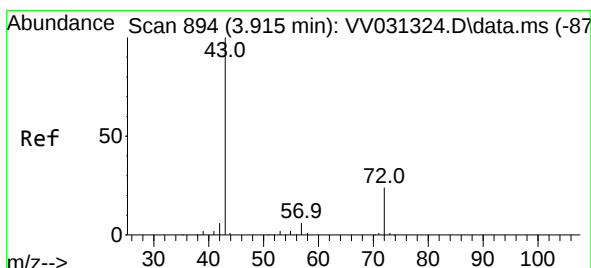
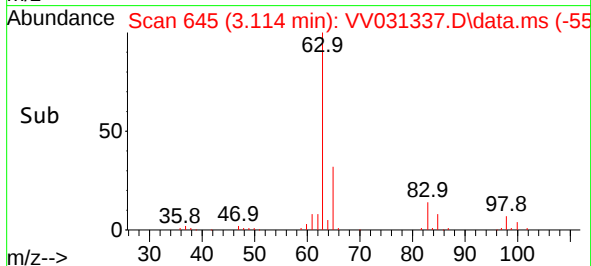
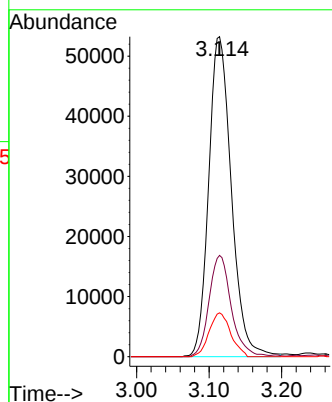
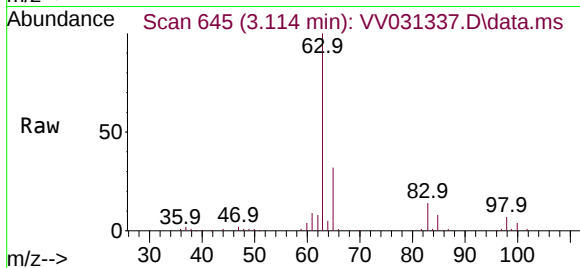
Tgt Ion: 63 Resp: 115668

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 38.074 ug/L

RT: 3.909 min Scan# 892

Delta R.T. -0.006 min

Lab File: VV031337.D

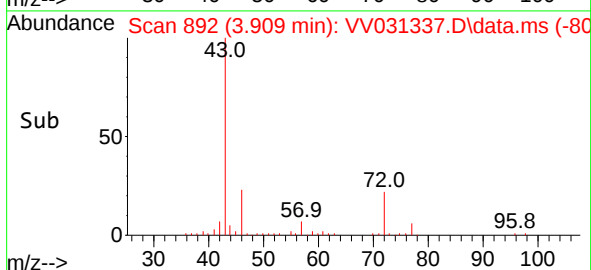
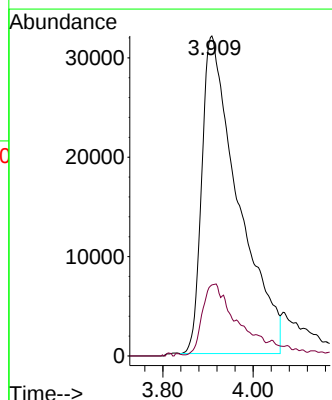
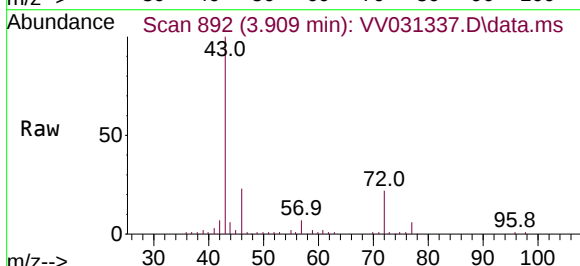
Acq: 05 Jun 2023 10:14

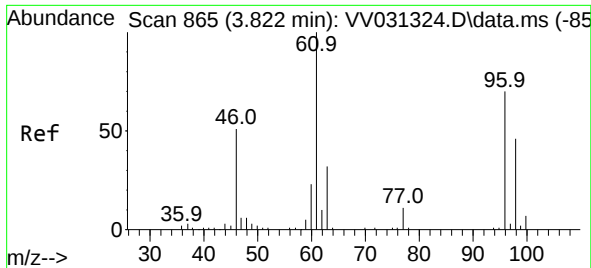
Tgt Ion: 43 Resp: 178326

Ion Ratio Lower Upper

43 100

72 19.2 7.8 23.5

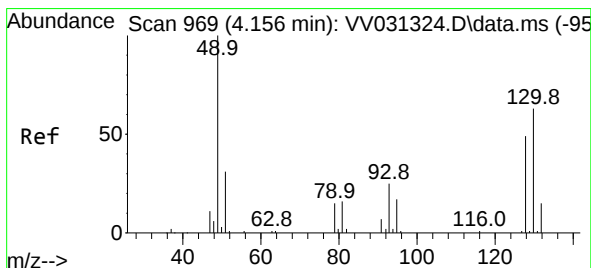
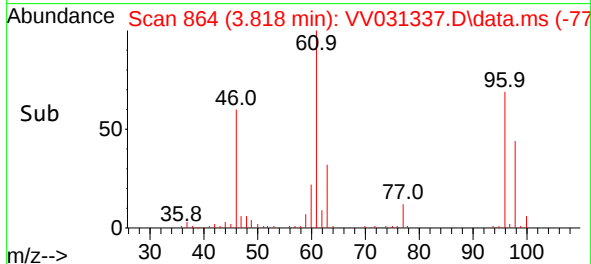
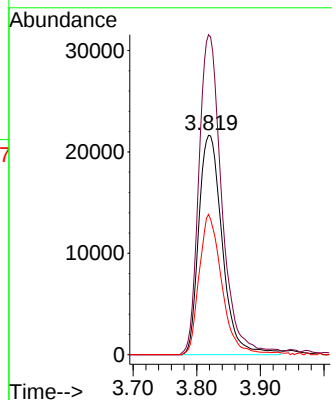
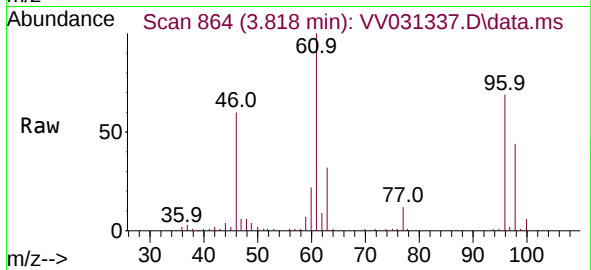




#22
 cis-1,2-Dichloroethene
 Concen: 4.675 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

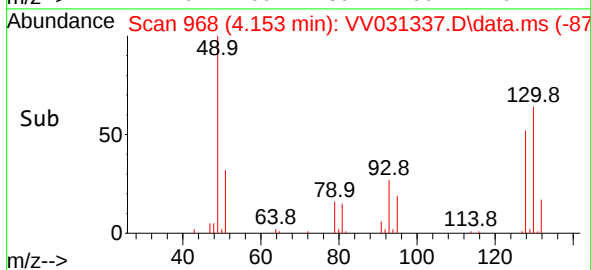
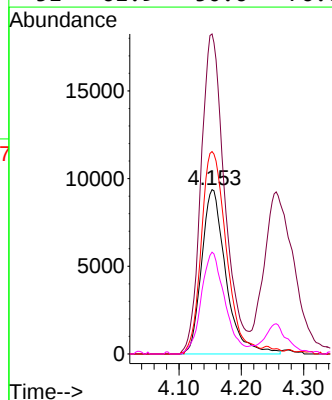
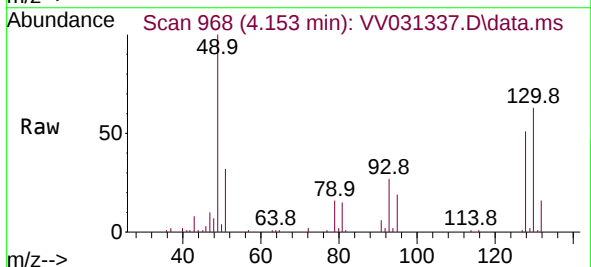
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

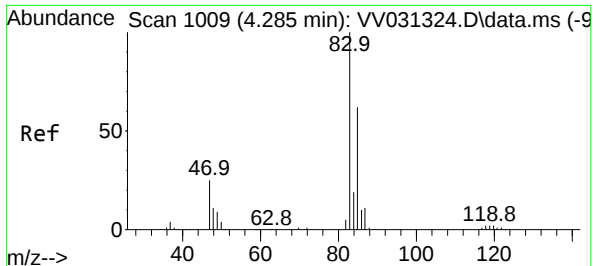
Tgt Ion: 96 Resp: 55558
 Ion Ratio Lower Upper
 96 100
 61 145.8 100.8 187.2
 98 63.9 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.506 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV031337.D
 Acq: 05 Jun 2023 10:14

Tgt Ion:128 Resp: 25313
 Ion Ratio Lower Upper
 128 100
 49 194.7 148.1 275.0
 130 123.1 89.9 166.9
 51 61.9 50.6 76.0





#25

Chloroform

Concen: 4.301 ug/L

RT: 4.282 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

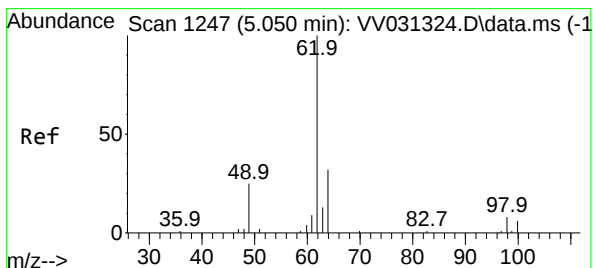
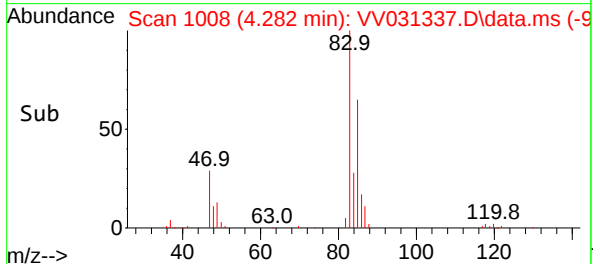
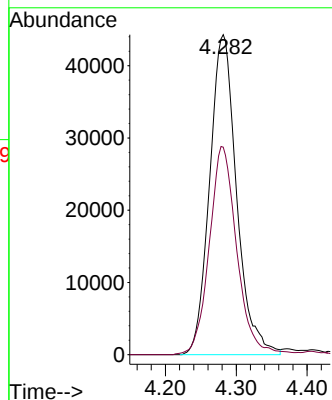
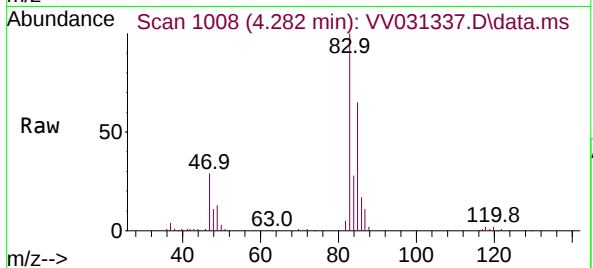
VSTD005363

Tgt Ion: 83 Resp: 117156

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.3



#27

1,2-Dichloroethane

Concen: 4.750 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV031337.D

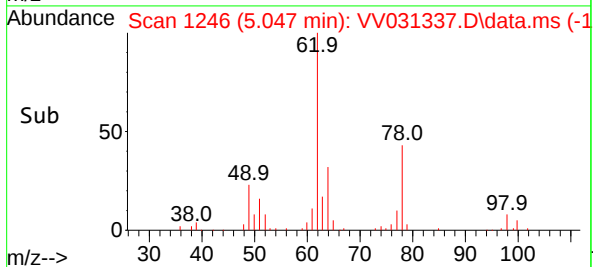
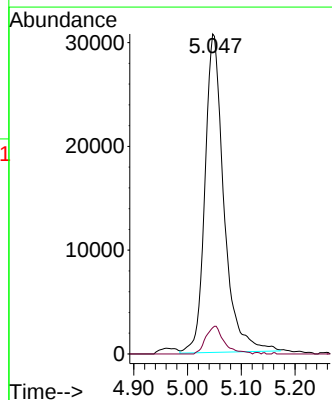
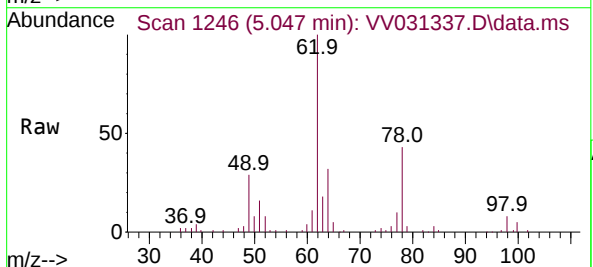
Acq: 05 Jun 2023 10:14

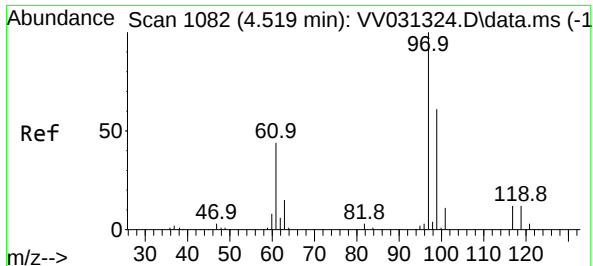
Tgt Ion: 62 Resp: 75203

Ion Ratio Lower Upper

62 100

98 8.2 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.722 ug/L

RT: 4.516 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

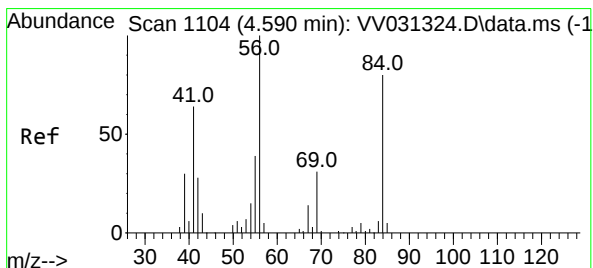
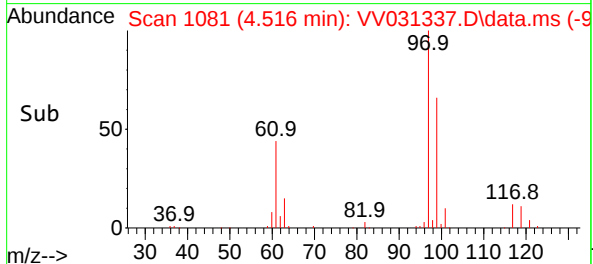
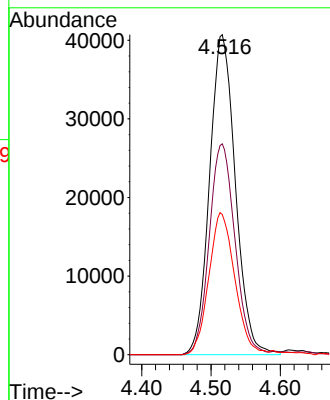
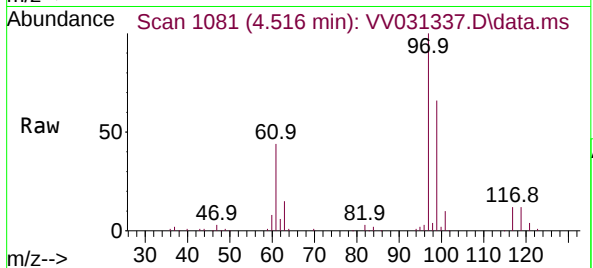
Tgt Ion: 97 Resp: 105488

Ion Ratio Lower Upper

97 100

99 65.8 52.2 78.4

61 44.7 36.4 54.6



#30

Cyclohexane

Concen: 4.508 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

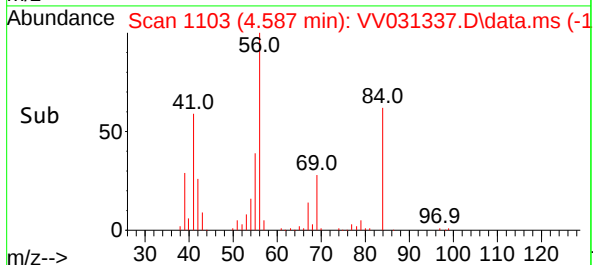
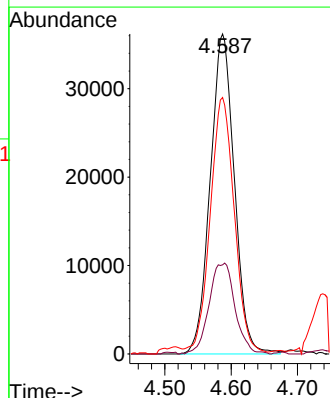
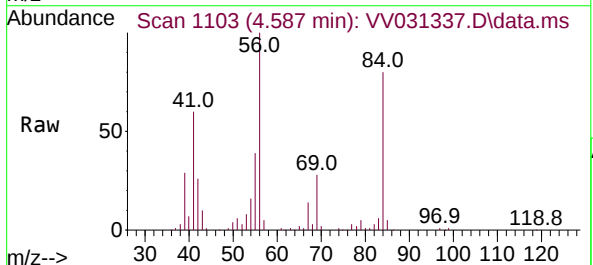
Tgt Ion: 56 Resp: 91451

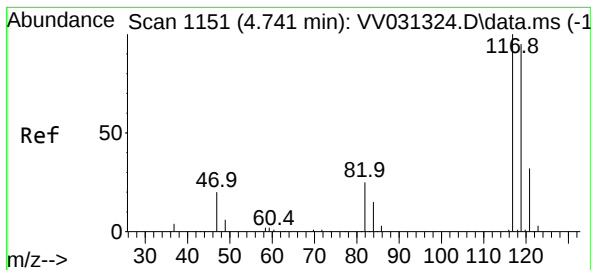
Ion Ratio Lower Upper

56 100

69 30.5 23.2 34.8

84 78.9 58.5 87.7





#31

Carbon tetrachloride

Concen: 4.869 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

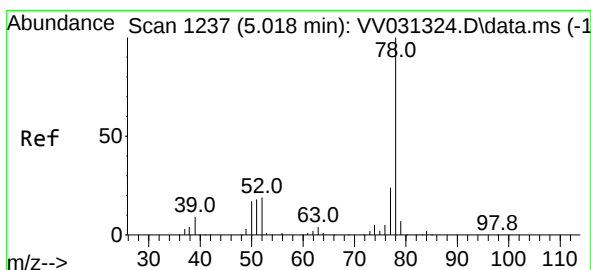
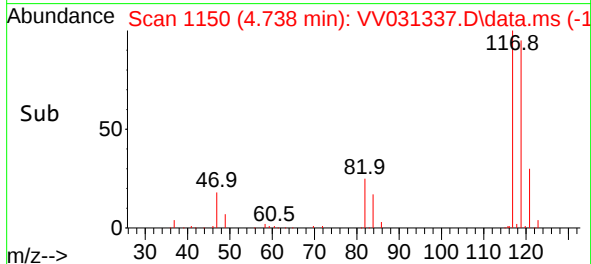
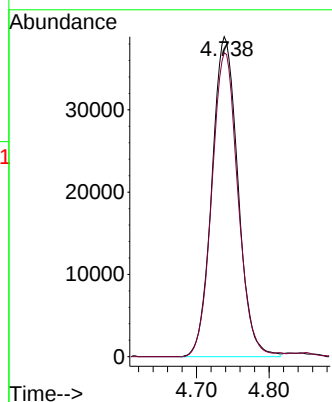
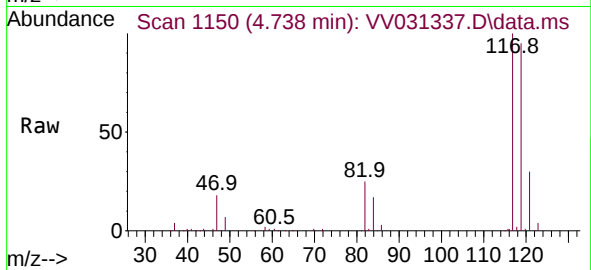
VSTD005363

Tgt Ion:117 Resp: 97021

Ion Ratio Lower Upper

117 100

119 95.1 76.3 114.5



#33

Benzene

Concen: 4.698 ug/L

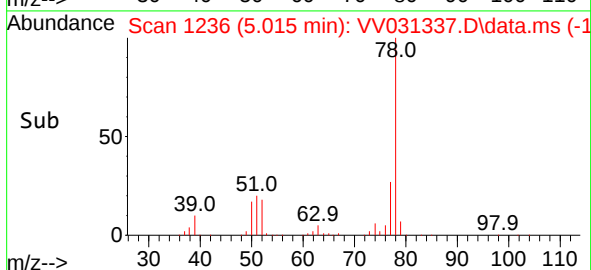
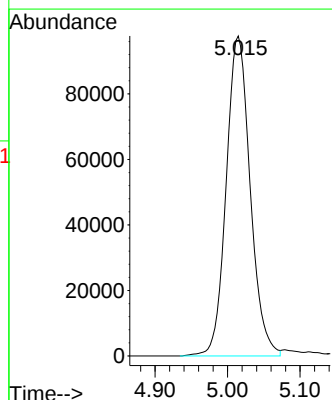
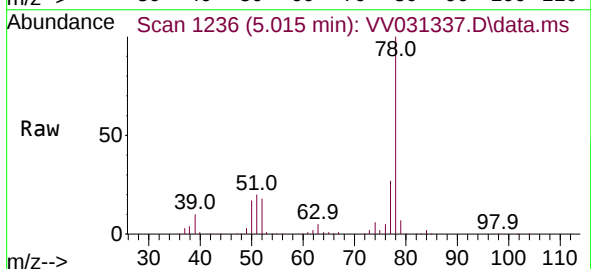
RT: 5.015 min Scan# 1236

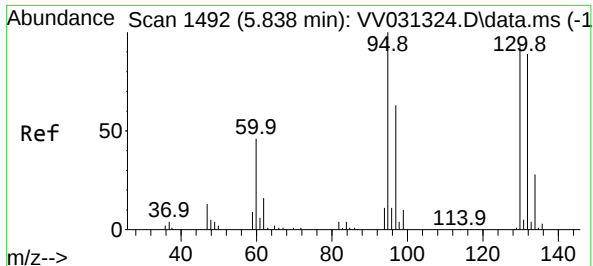
Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Tgt Ion: 78 Resp: 224692



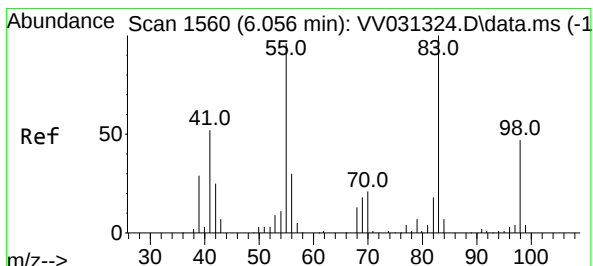
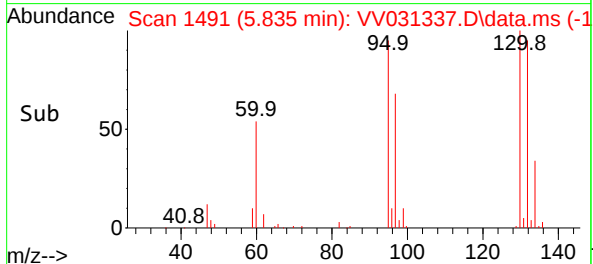
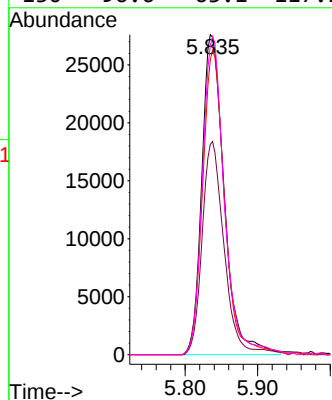
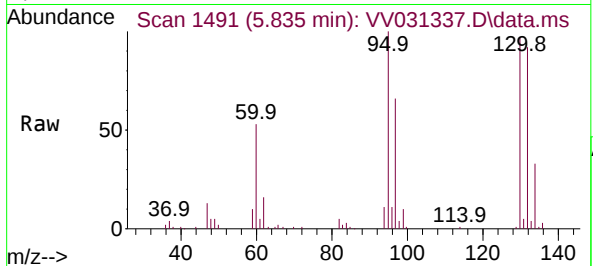


#34
Trichloroethene
Concen: 4.583 ug/L
RT: 5.835 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Tgt Ion: 95 Resp: 59195

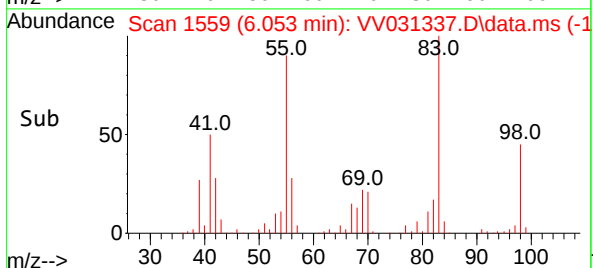
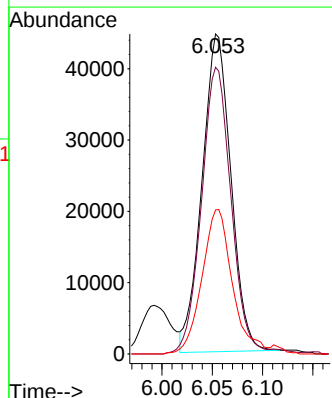
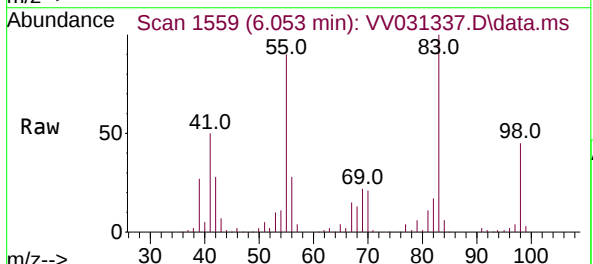
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.1	85.5
132	92.1	64.5	119.9
130	96.6	63.1	117.1

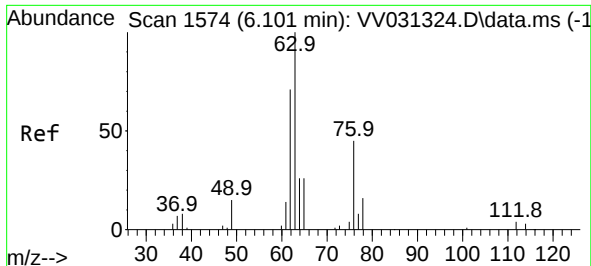


#35
Methylcyclohexane
Concen: 4.619 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 83 Resp: 88816

Ion	Ratio	Lower	Upper
83	100		
55	92.4	74.6	112.0
98	48.2	36.5	54.7





#37

1,2-Dichloropropane

Concen: 4.429 ug/L

RT: 6.098 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

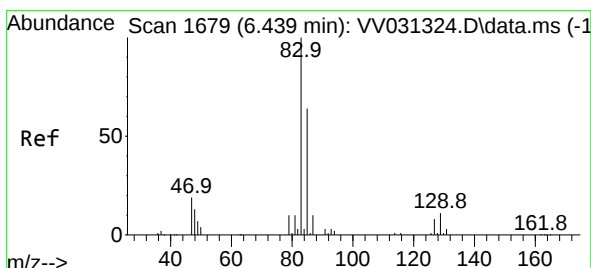
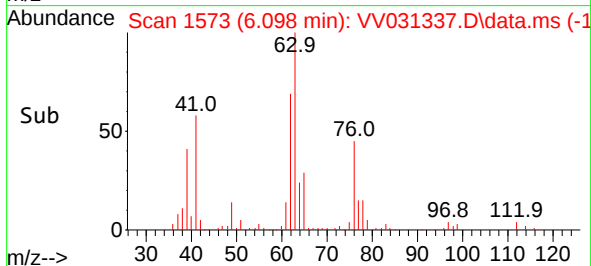
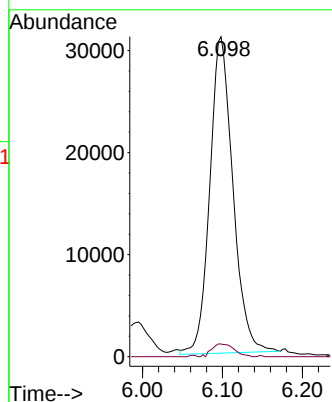
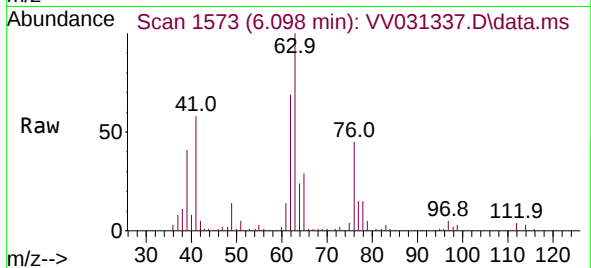
VSTD005363

Tgt Ion: 63 Resp: 62330

Ion Ratio Lower Upper

63 100

112 3.9 3.8 5.6



#38

Bromodichloromethane

Concen: 4.579 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

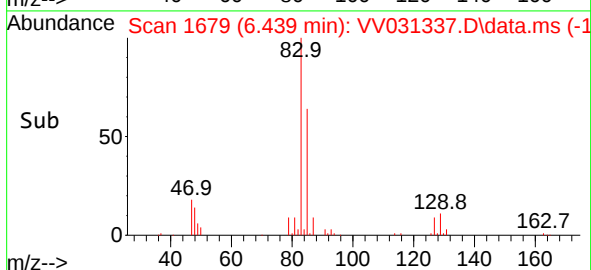
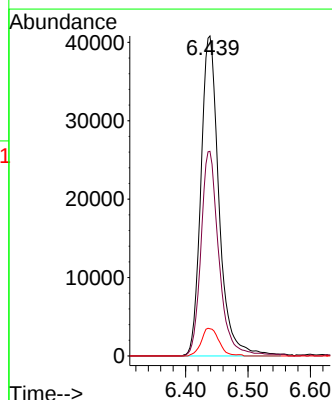
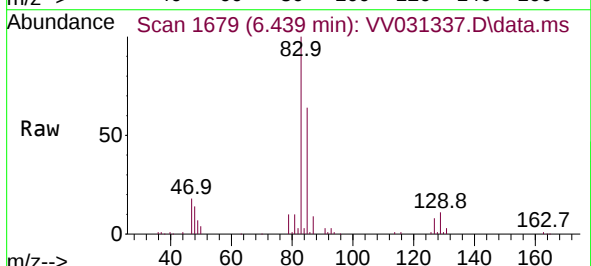
Tgt Ion: 83 Resp: 82401

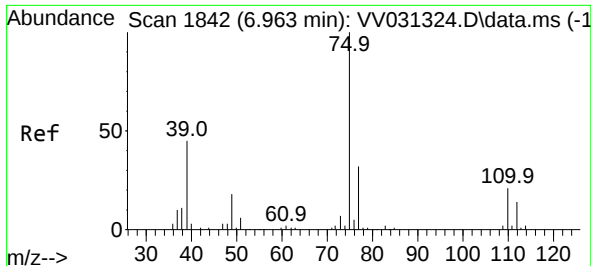
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.432 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

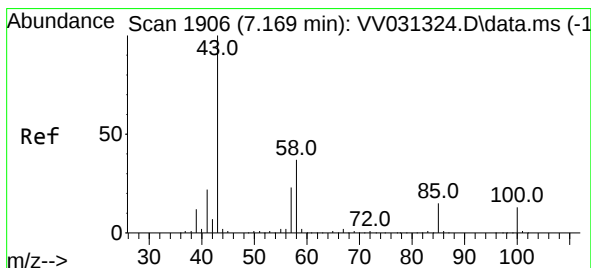
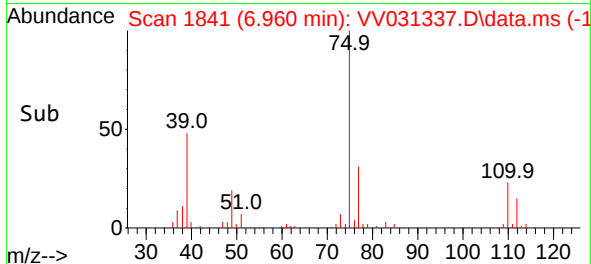
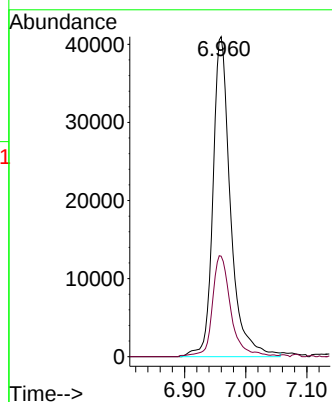
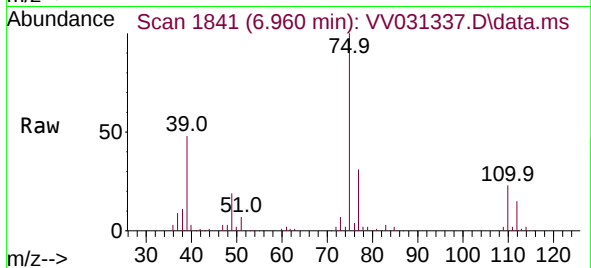
VSTD005363

Tgt Ion: 75 Resp: 81882

Ion Ratio Lower Upper

75 100

77 31.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 45.899 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

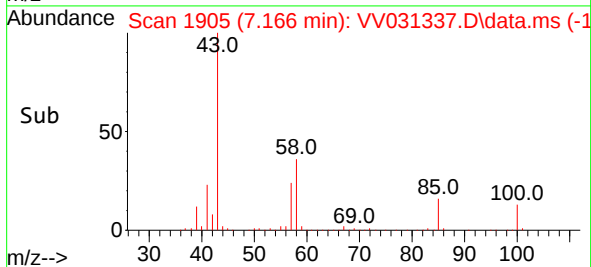
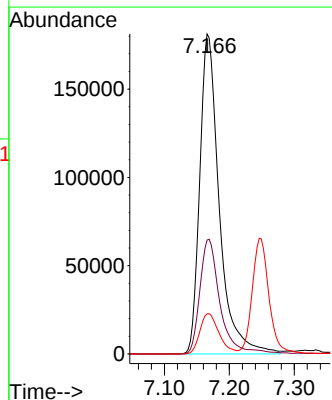
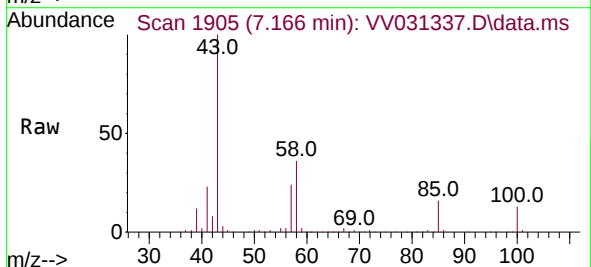
Tgt Ion: 43 Resp: 379044

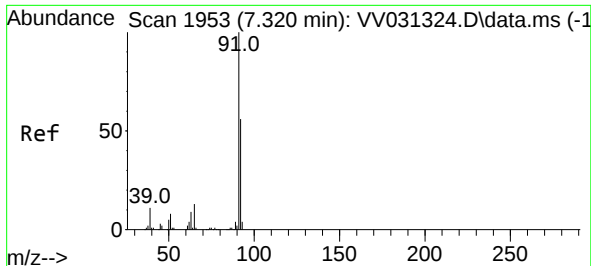
Ion Ratio Lower Upper

43 100

58 37.1 30.2 45.4

100 12.4 9.0 13.6

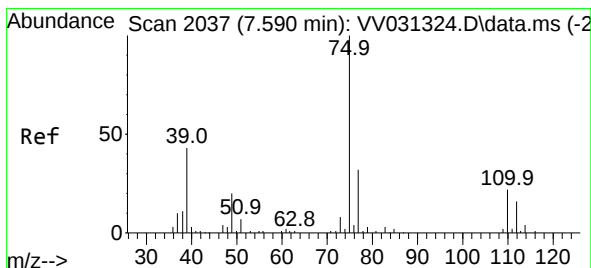
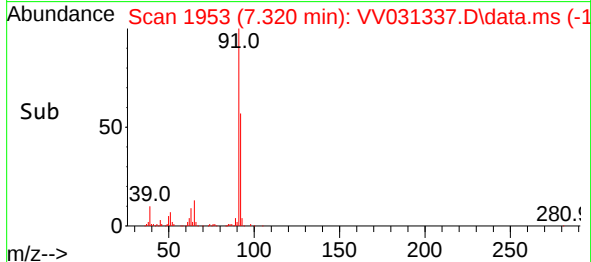
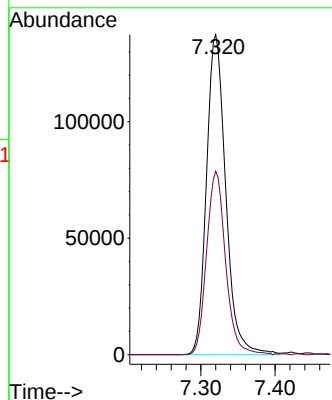
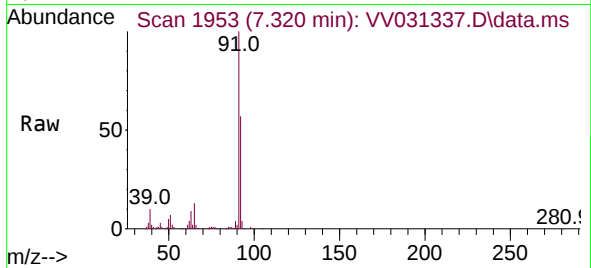




#42
Toluene
Concen: 4.871 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

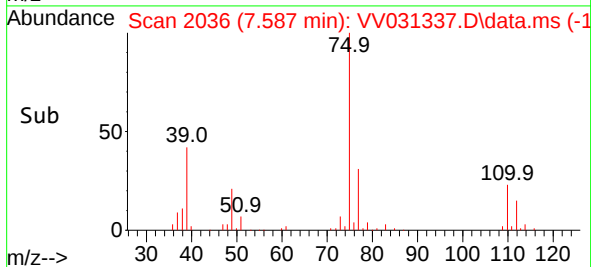
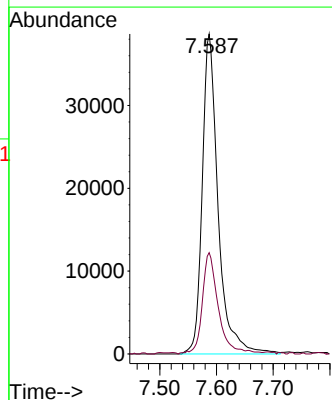
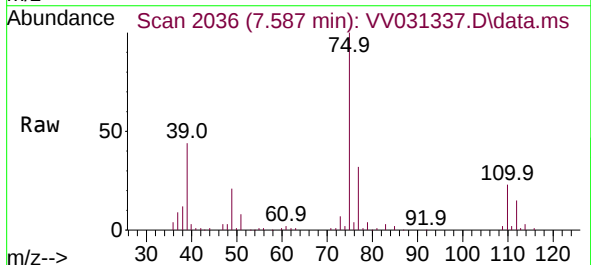
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

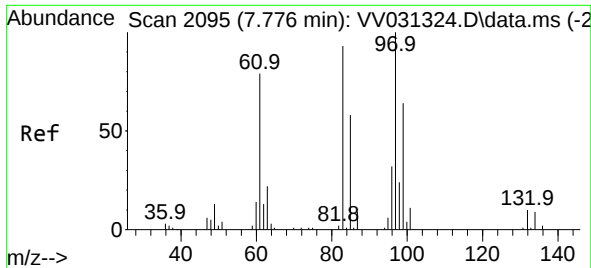
Tgt Ion: 91 Resp: 247183
Ion Ratio Lower Upper
91 100
92 57.3 39.2 72.8



#44
trans-1,3-Dichloropropene
Concen: 4.726 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 75 Resp: 75098
Ion Ratio Lower Upper
75 100
77 31.7 22.8 42.4

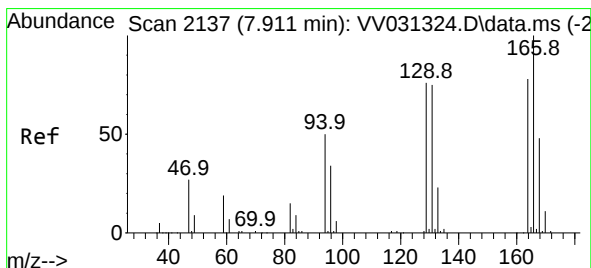
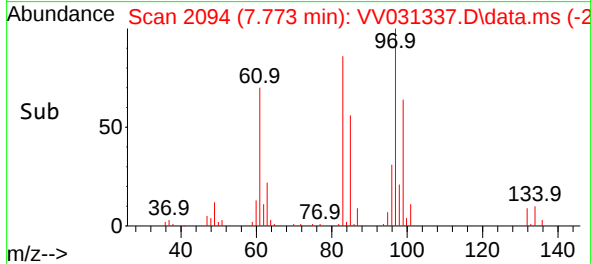
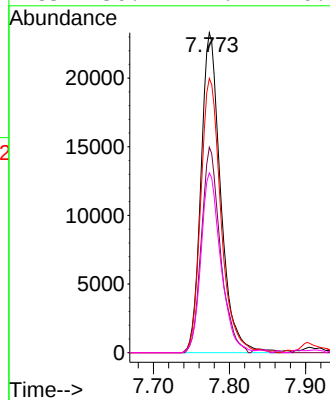
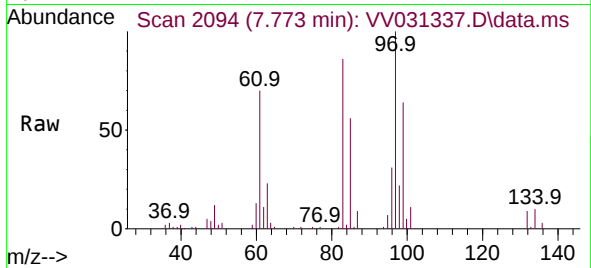




#45
1,1,2-Trichloroethane
Concen: 4.394 ug/L
RT: 7.773 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

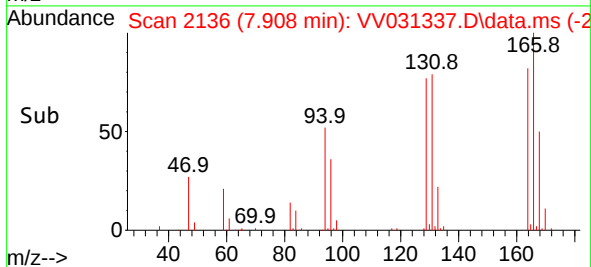
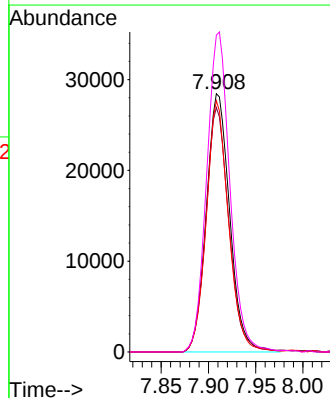
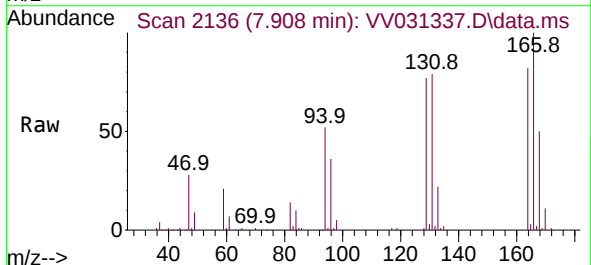
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

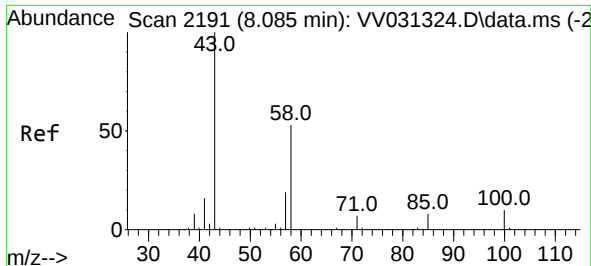
Tgt Ion:	97	Resp:	41980
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.1	80.1
83	85.7	63.1	117.1
85	56.2	41.1	76.3



#47
Tetrachloroethene
Concen: 4.880 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:	164	Resp:	49119
Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.0	122.6
131	97.2	65.3	121.3
166	122.6	90.1	167.3



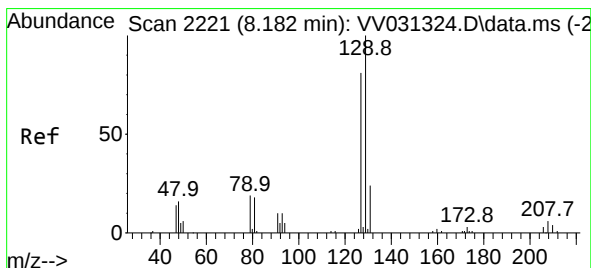
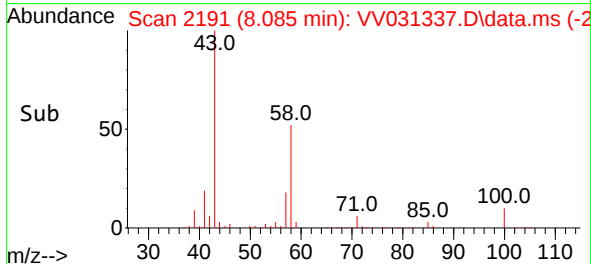
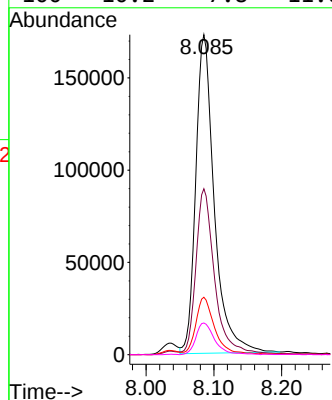
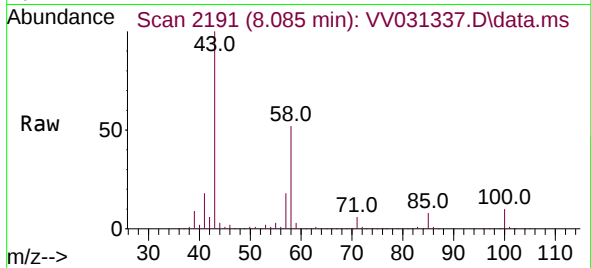


#48
2-Hexanone
Concen: 50.065 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Tgt Ion: 43 Resp: 328354

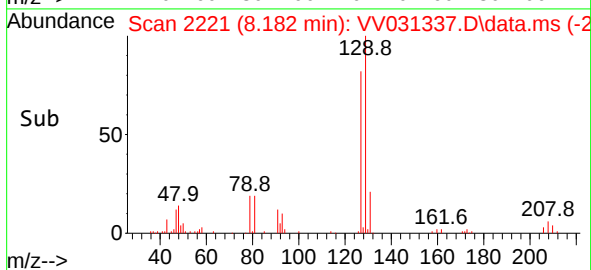
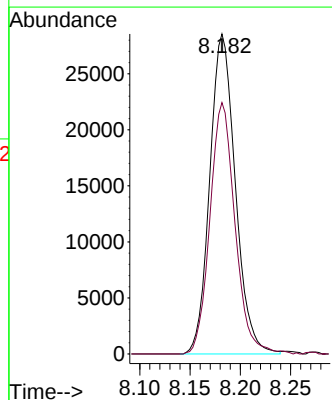
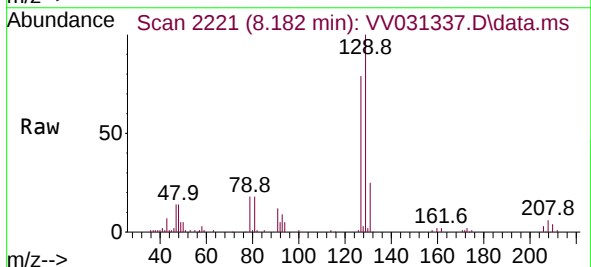
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.1	61.7
57	18.4	14.4	21.6
100	10.2	7.8	11.6

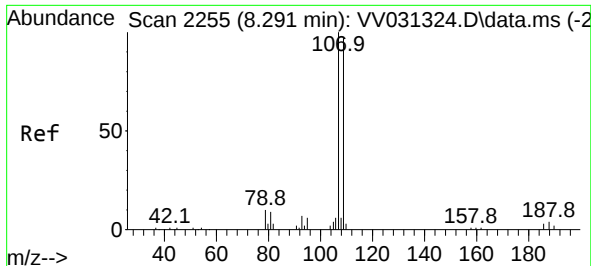


#49
Dibromochloromethane
Concen: 4.735 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 129 Resp: 50516

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.584 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

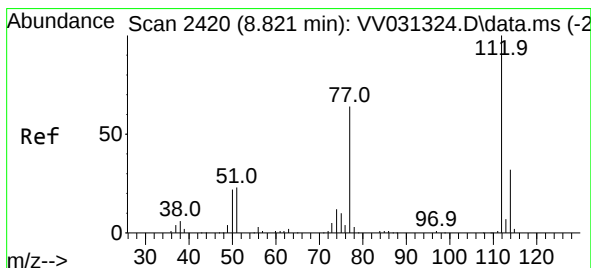
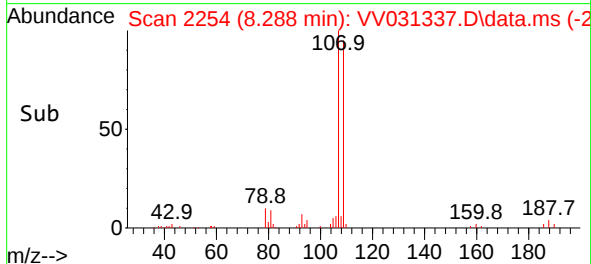
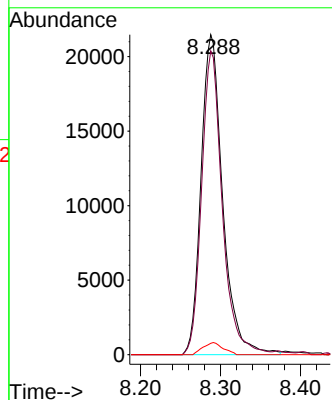
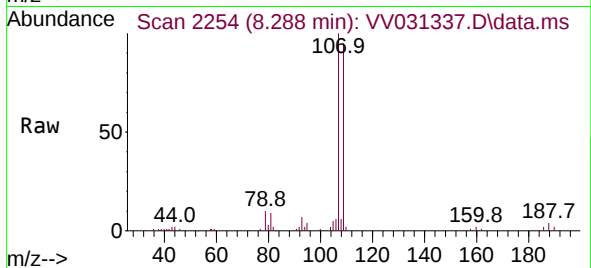
Tgt Ion:107 Resp: 40505

Ion Ratio Lower Upper

107 100

109 95.0 62.2 115.4

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 4.703 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

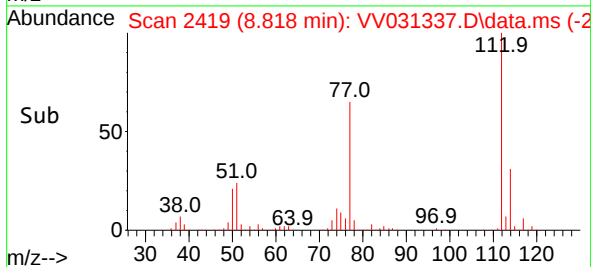
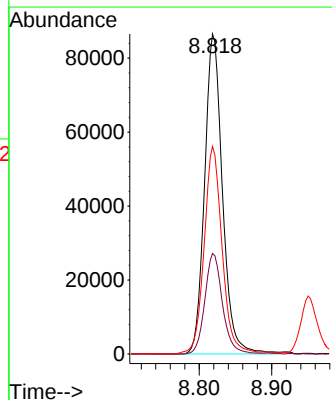
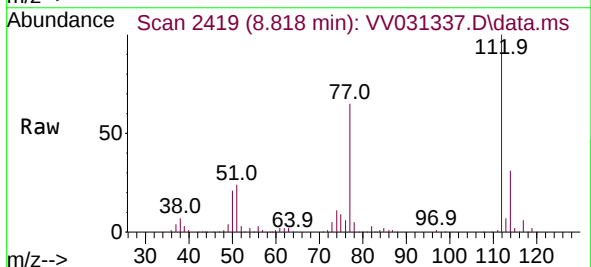
Tgt Ion:112 Resp: 148673

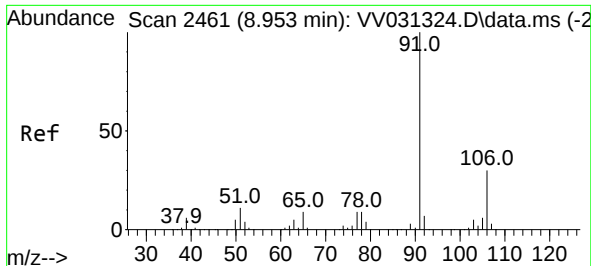
Ion Ratio Lower Upper

112 100

114 31.4 22.7 42.1

77 64.9 52.2 78.2





#52

Ethylbenzene

Concen: 4.769 ug/L

RT: 8.950 min Scan# 2461

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

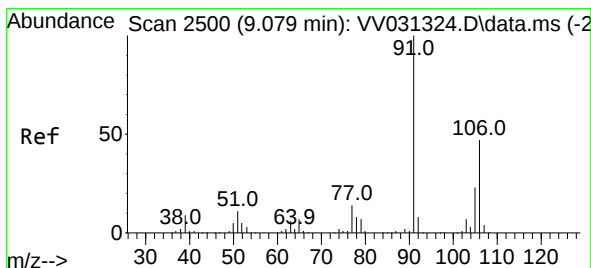
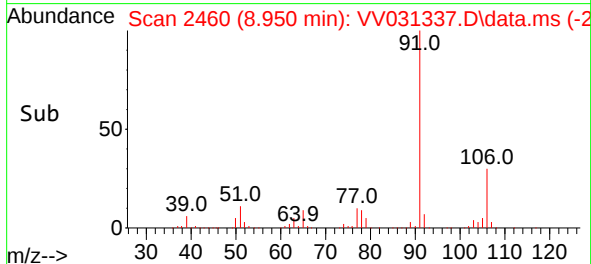
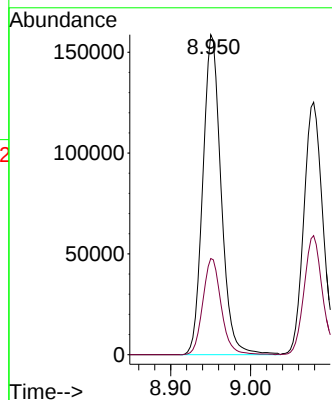
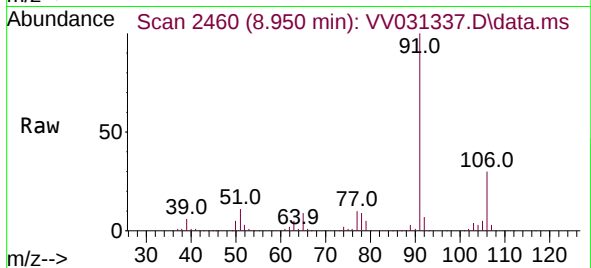
VSTD005363

Tgt Ion: 91 Resp: 253143

Ion Ratio Lower Upper

91 100

106 30.0 20.0 37.2



#53

m,p-Xylene

Concen: 5.032 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031337.D

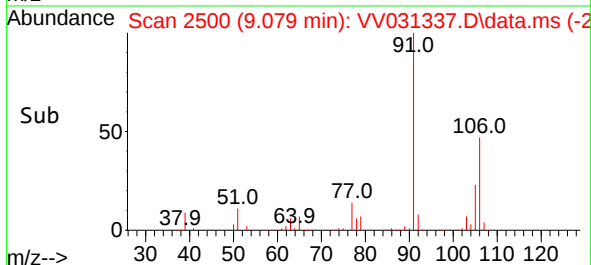
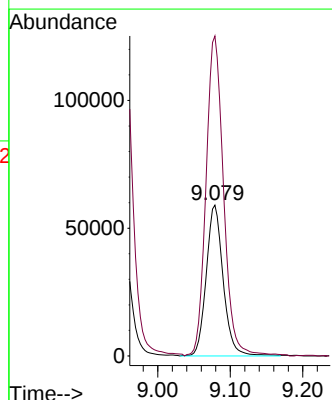
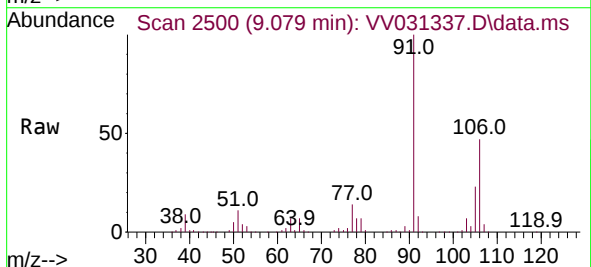
Acq: 05 Jun 2023 10:14

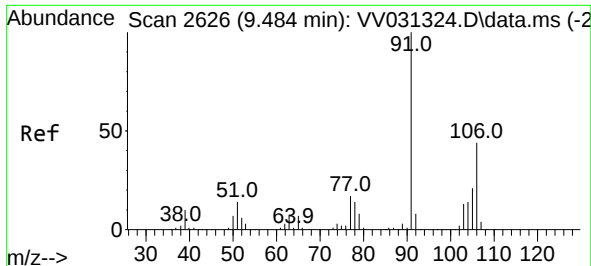
Tgt Ion:106 Resp: 96089

Ion Ratio Lower Upper

106 100

91 212.1 154.3 286.5

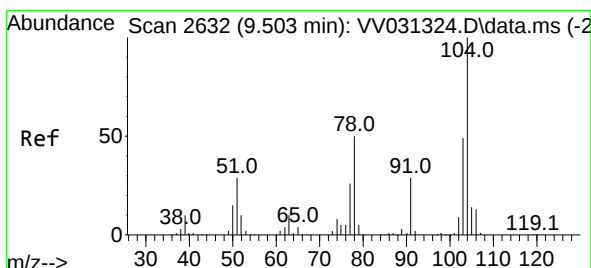
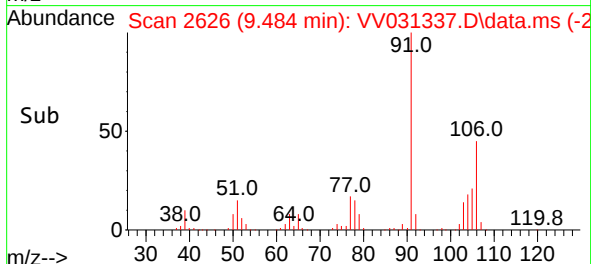
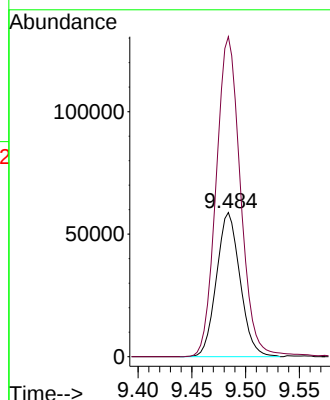
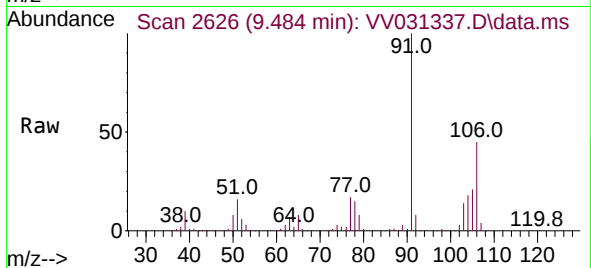




#54
o-Xylene
Concen: 5.015 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

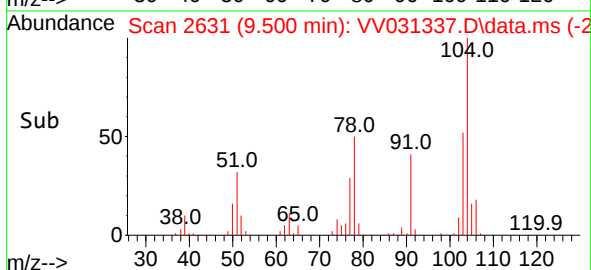
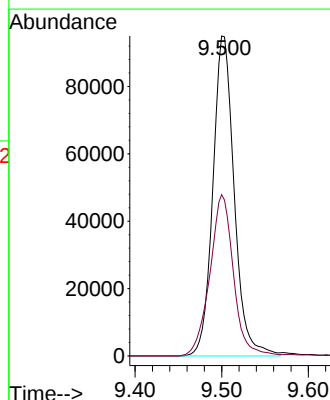
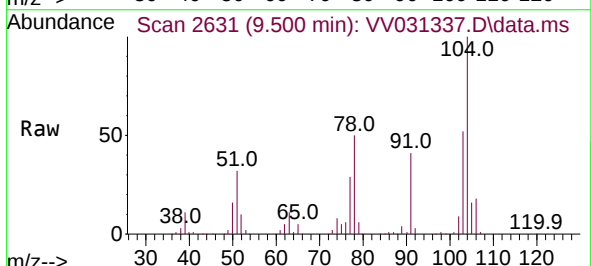
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

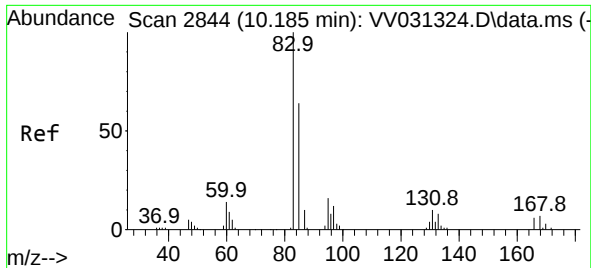
Tgt Ion:106 Resp: 89754
Ion Ratio Lower Upper
106 100
91 221.9 159.0 295.4



#55
Styrene
Concen: 5.116 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:104 Resp: 162861
Ion Ratio Lower Upper
104 100
78 50.4 35.9 66.7

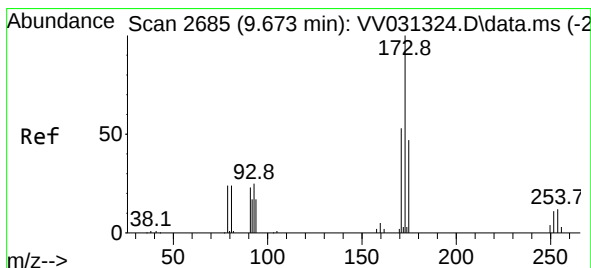
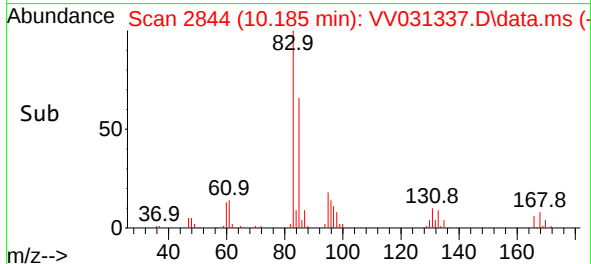
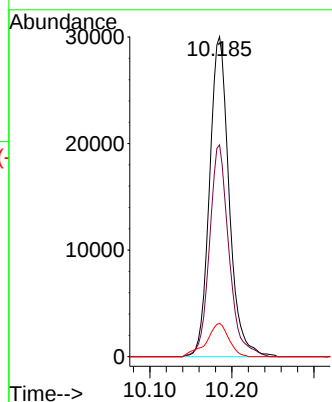
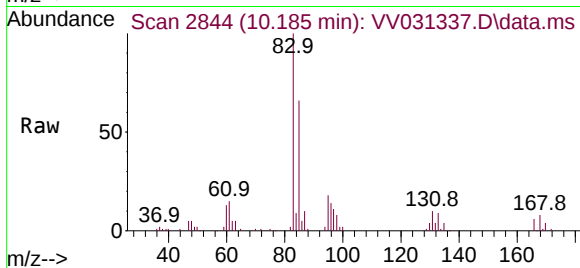




#57
1,1,2,2-Tetrachloroethane
Concen: 4.377 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

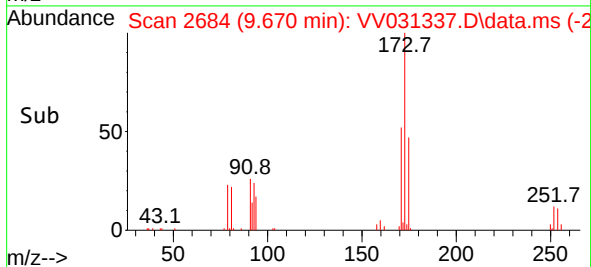
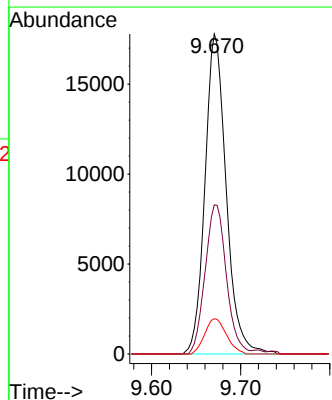
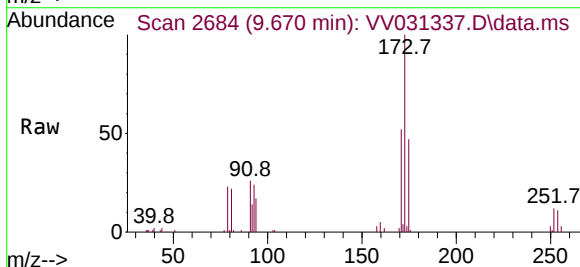
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

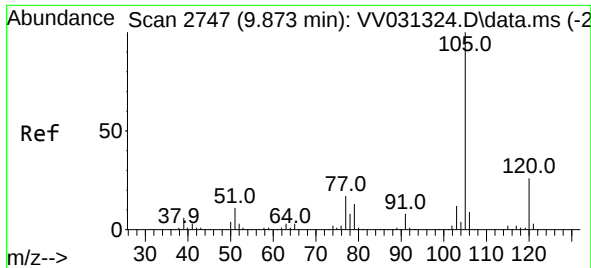
Tgt Ion:	83	Resp:	49846
Ion Ratio	Lower	Upper	
83	100		
85	66.2	45.0	83.6
131	10.4	7.3	10.9



#59
Bromoform
Concen: 4.940 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:	173	Resp:	29382
Ion Ratio	Lower	Upper	
173	100		
175	46.7	38.9	58.3
254	11.2	7.8	11.8

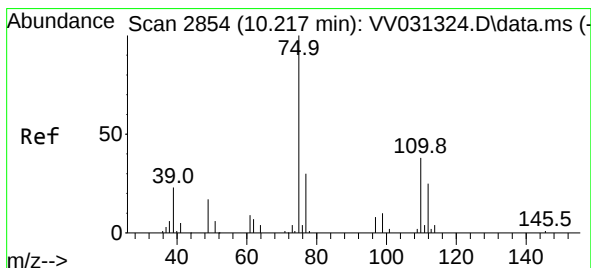
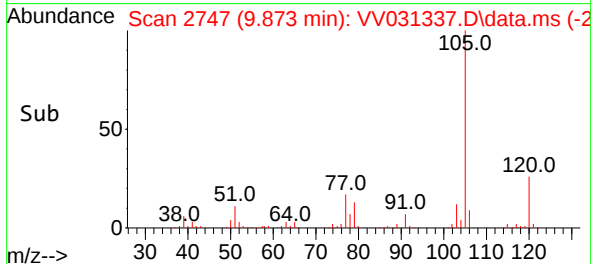
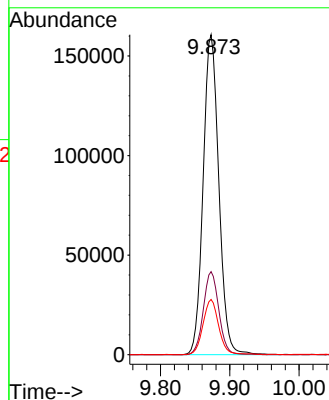
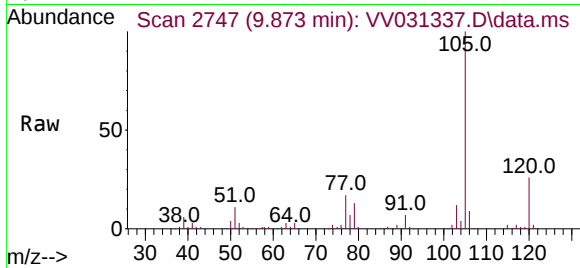




#60
Isopropylbenzene
Concen: 4.757 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

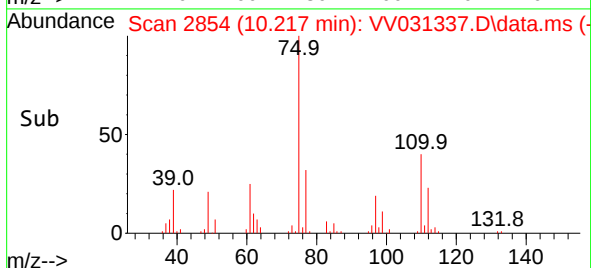
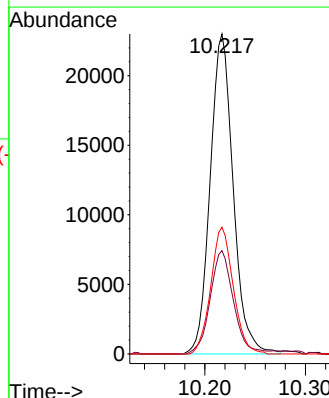
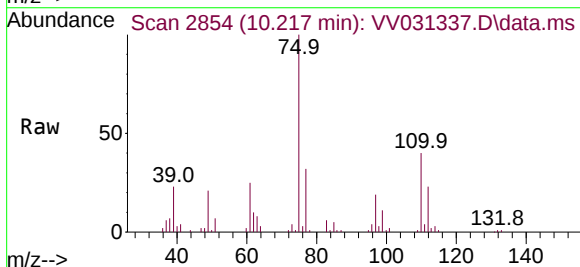
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

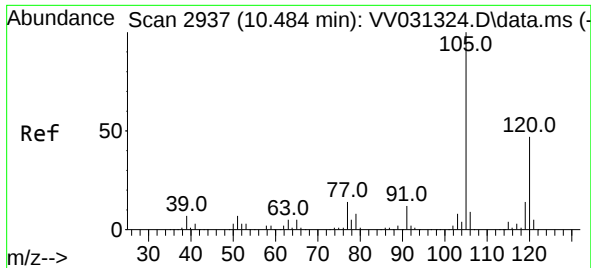
Tgt Ion:105 Resp: 252259
Ion Ratio Lower Upper
105 100
120 25.5 19.9 29.9
77 17.2 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.053 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion: 75 Resp: 36550
Ion Ratio Lower Upper
75 100
77 32.6 27.3 40.9
110 38.8 29.4 44.0

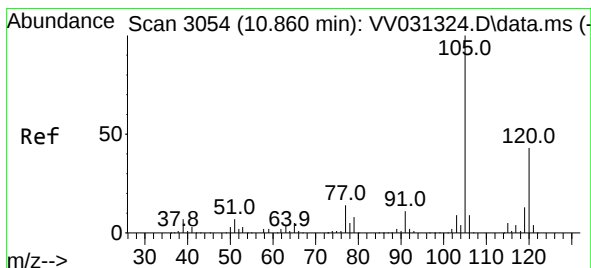
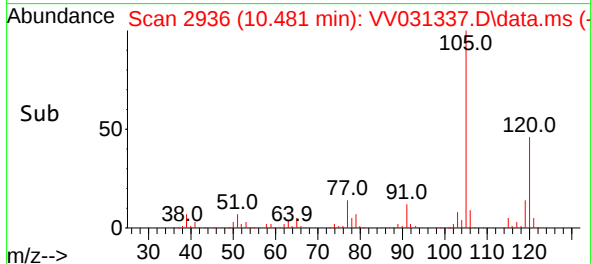
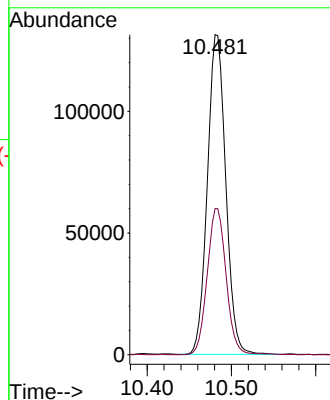
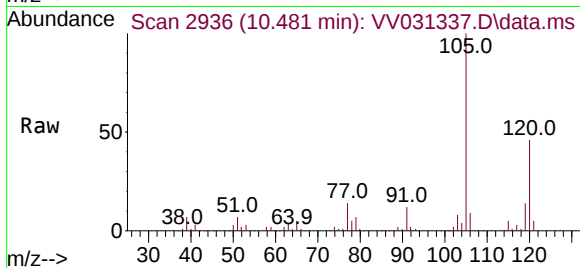




#62
1,3,5-Trimethylbenzene
Concen: 4.645 ug/L
RT: 10.481 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

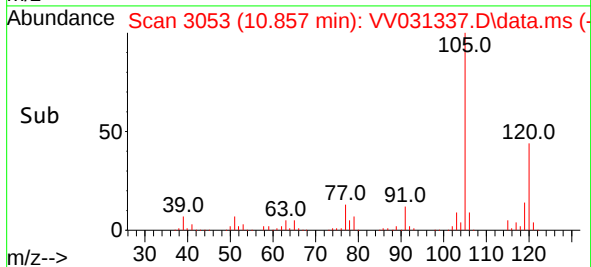
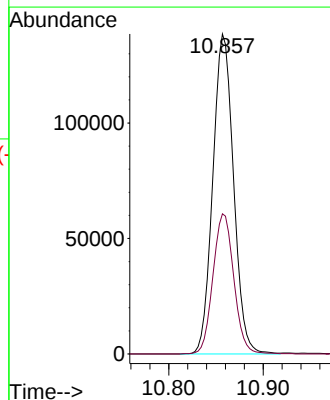
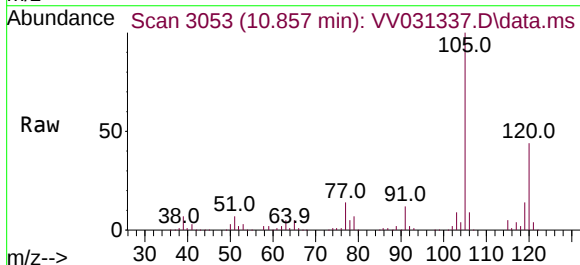
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

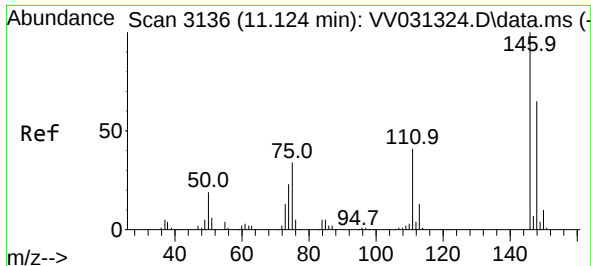
Tgt Ion:105 Resp: 199600
Ion Ratio Lower Upper
105 100
120 47.0 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.759 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:105 Resp: 211066
Ion Ratio Lower Upper
105 100
120 44.1 33.2 49.8





#64

1,3-Dichlorobenzene

Concen: 4.890 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

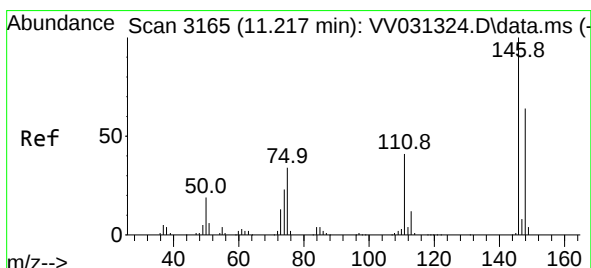
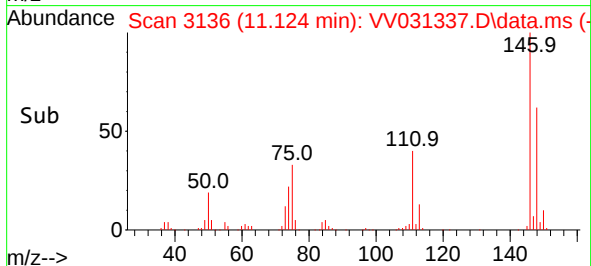
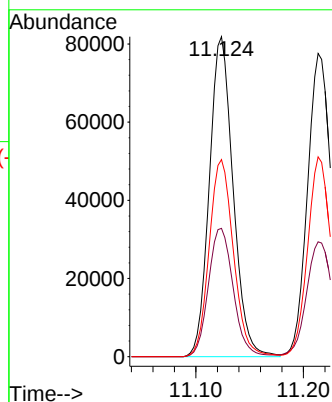
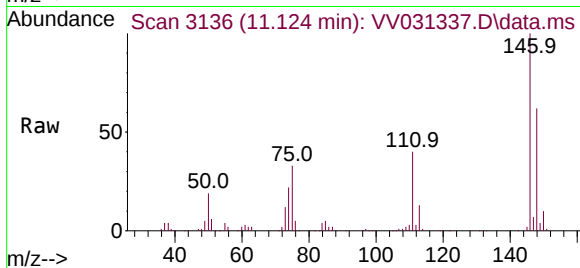
Tgt Ion:146 Resp: 125595

Ion Ratio Lower Upper

146 100

111 40.1 31.1 57.9

148 61.6 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 4.614 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

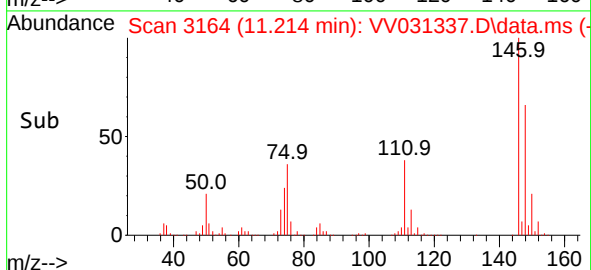
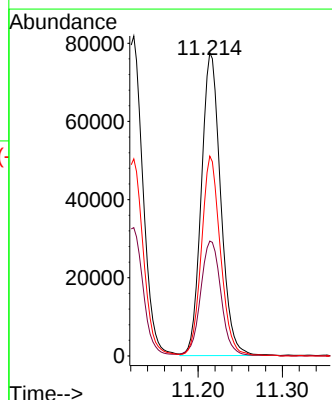
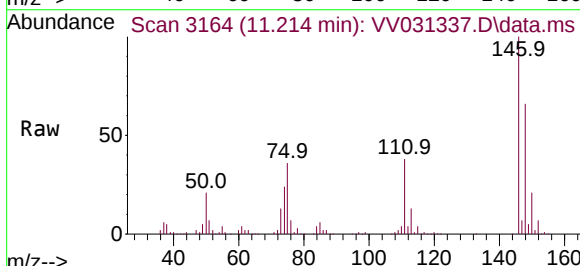
Tgt Ion:146 Resp: 124107

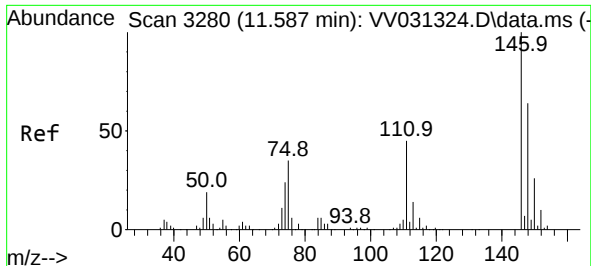
Ion Ratio Lower Upper

146 100

111 37.9 28.4 52.8

148 65.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.644 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

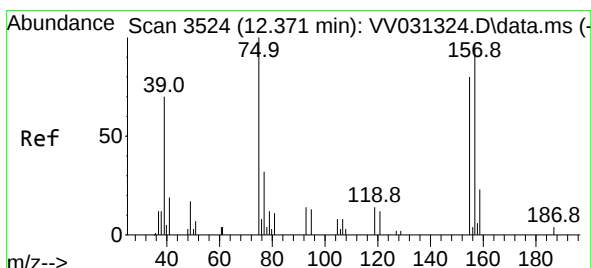
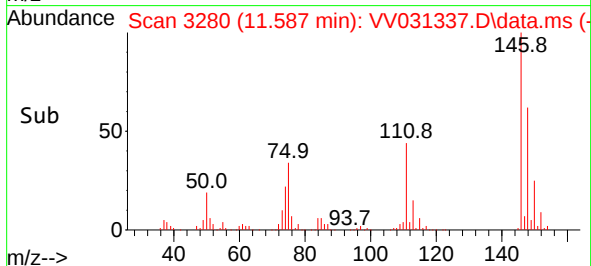
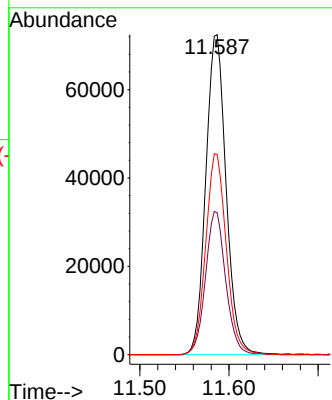
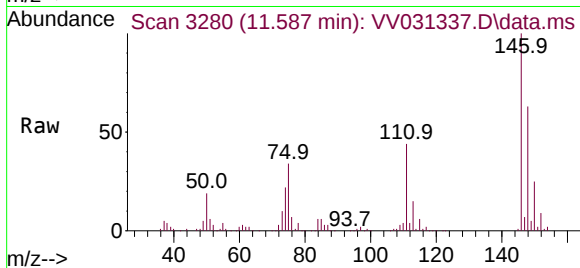
Tgt Ion:146 Resp: 114422

Ion Ratio Lower Upper

146 100

111 44.4 36.6 54.8

148 62.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.886 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV031337.D

Acq: 05 Jun 2023 10:14

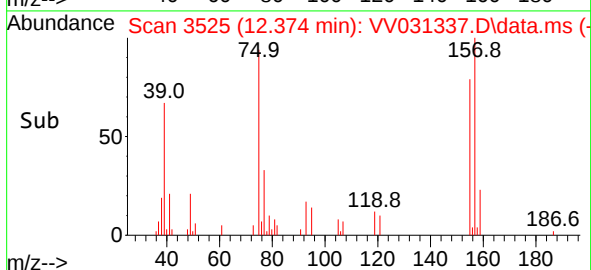
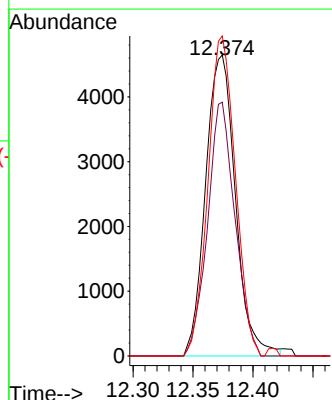
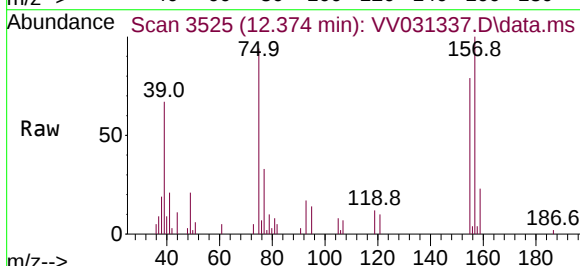
Tgt Ion: 75 Resp: 8039

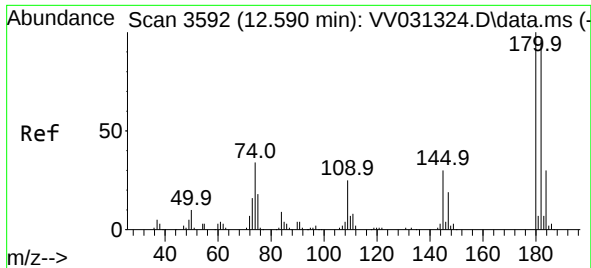
Ion Ratio Lower Upper

75 100

155 84.4 54.6 82.0#

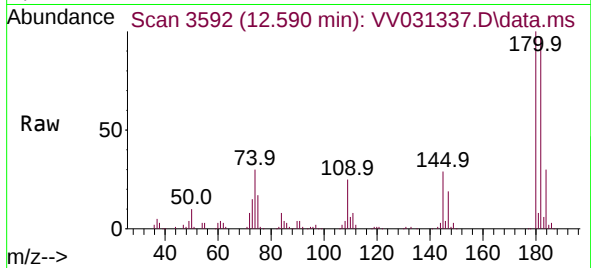
157 106.3 72.7 109.1



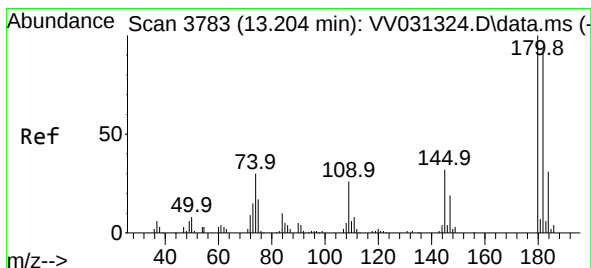
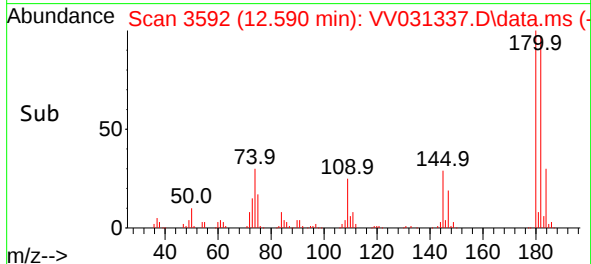
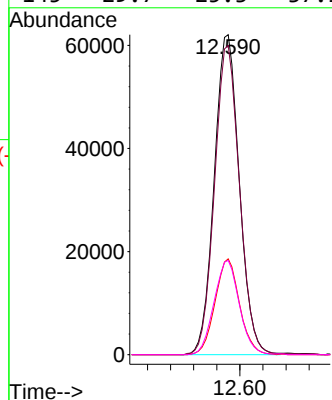


#69
1,3,5-Trichlorobenzene
Concen: 4.902 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

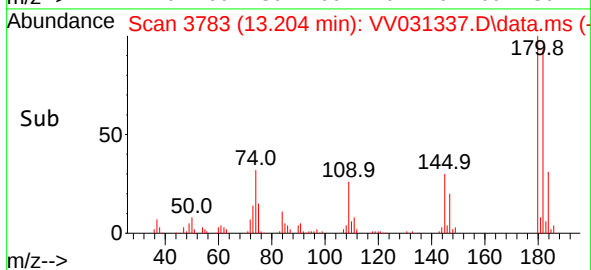
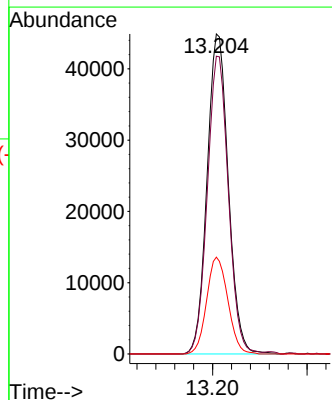
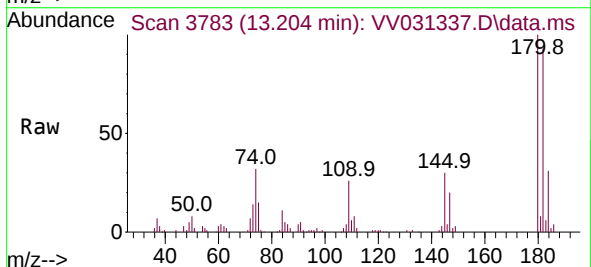


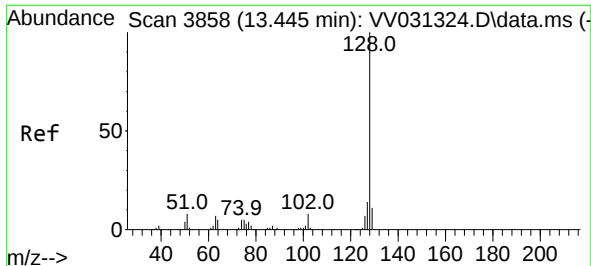
Tgt Ion:180	Resp:	93548
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.1 114.1
184	29.3	23.8 35.6
145	29.7	25.3 37.9



#70
1,2,4-trichlorobenzene
Concen: 4.570 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:180	Resp:	69944
Ion Ratio	Lower	Upper
180	100	
182	92.3	76.7 115.1
145	30.2	26.3 39.5

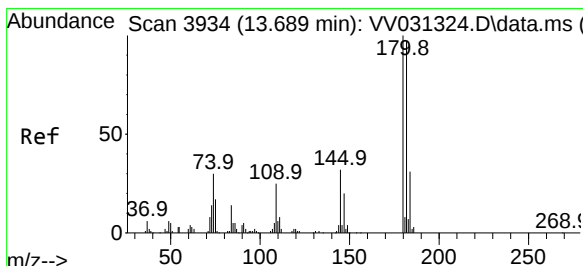
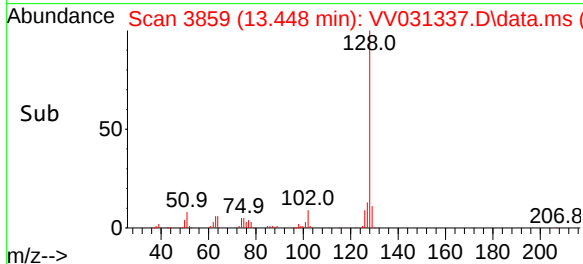
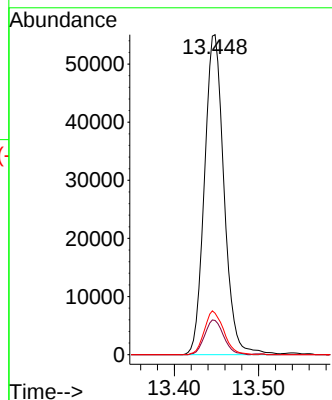
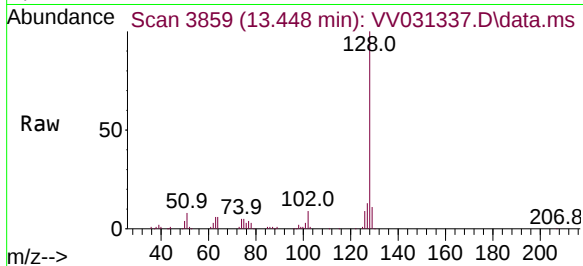




#71
Naphthalene
Concen: 3.790 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Tgt Ion:128 Resp: 88994
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.6 11.4 17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.403 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031337.D
Acq: 05 Jun 2023 10:14

Tgt Ion:180 Resp: 60448
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.0
145 32.2 27.8 41.6

