

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031385.D
 Acq On : 06 Jun 2023 19:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Quant Time: Jun 07 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	81698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46158	3.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.532	69	44925	3.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.060	65	25738	3.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.825	46	138947	41.192	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	4.256	84	118192	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.950	65	58859	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.966	84	201676	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.995	67	66471	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.249	98	191631	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.561	79	23917	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.034	63	100710	46.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	48758	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	66563	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	82852	4.285	ug/L	98
3) Chloromethane	1.214	50	72877	3.815	ug/L	100
5) Vinyl chloride	1.281	62	77625	4.065	ug/L	97
6) Bromomethane	1.487	94	40364	3.687	ug/L	96
8) Chloroethane	1.548	64	46542	3.909	ug/L	97
9) Trichlorofluoromethane	1.715	101	122443	4.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	65794	4.232	ug/L	96
12) 1,1-Dichloroethene	2.072	96	56928	4.253	ug/L	88
13) Acetone	2.162	43	104829	26.892	ug/L	93
14) Carbon disulfide	2.240	76	164430	4.144	ug/L	100
15) Methyl Acetate	2.394	43	23347	3.083	ug/L	96
16) Methylene chloride	2.449	84	66983	4.117	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	121949	3.998	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	52985	4.174	ug/L	97
19) 1,1-Dichloroethane	3.117	63	119620	4.243	ug/L	99
21) 2-Butanone	3.912	43	150849	29.755	ug/L #	78
22) cis-1,2-Dichloroethene	3.822	96	54918	4.270	ug/L	95
23) Bromochloromethane	4.156	128	25543	4.201	ug/L	94
25) Chloroform	4.281	83	121102	4.108	ug/L	99

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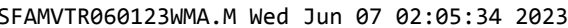
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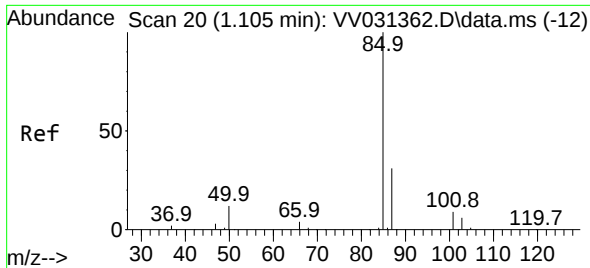
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	80073	4.673	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	110404	4.649	ug/L	96
30) Cyclohexane	4.590	56	91587	4.248	ug/L	93
31) Carbon tetrachloride	4.741	117	100190	4.731	ug/L	98
33) Benzene	5.018	78	235881	4.640	ug/L	100
34) Trichloroethene	5.838	95	62916	4.583	ug/L	96
35) Methylcyclohexane	6.056	83	91258	4.465	ug/L	97
37) 1,2-Dichloropropane	6.101	63	66467	4.443	ug/L	99
38) Bromodichloromethane	6.439	83	84726	4.430	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	83765	4.266	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	377532	43.010	ug/L	99
42) Toluene	7.320	91	258931	4.801	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	74749	4.425	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	43011	4.236	ug/L	99
47) Tetrachloroethene	7.911	164	51580	4.821	ug/L	96
48) 2-Hexanone	8.085	43	284883	40.866	ug/L	99
49) Dibromochloromethane	8.181	129	51360	4.529	ug/L	100
50) 1,2-Dibromoethane	8.291	107	40074	4.267	ug/L	93
51) Chlorobenzene	8.821	112	152615	4.542	ug/L	98
52) Ethylbenzene	8.953	91	261054	4.627	ug/L	98
53) m,p-Xylene	9.079	106	98548	4.855	ug/L	96
54) o-Xylene	9.484	106	93148	4.897	ug/L	98
55) Styrene	9.503	104	168247	4.972	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	47296	3.908	ug/L	99
59) Bromoform	9.673	173	28716	4.362	ug/L	97
60) Isopropylbenzene	9.873	105	258912	4.412	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	37211	3.728	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	202012	4.248	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	211420	4.307	ug/L	96
64) 1,3-Dichlorobenzene	11.123	146	128199	4.511	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	129465	4.349	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	115634	4.241	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	8308	3.629	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	93600	4.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68574	4.048	ug/L	98
71) Naphthalene	13.448	128	86314	3.322	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	60997	4.015	ug/L	96

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

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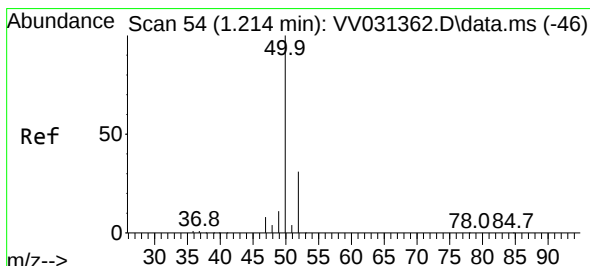
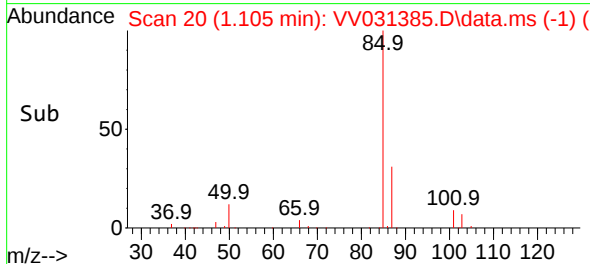
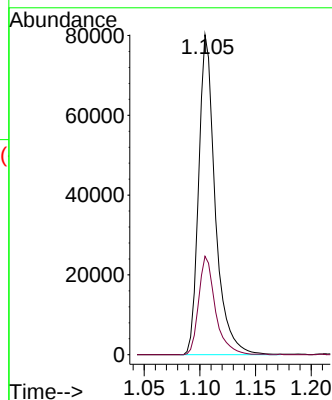
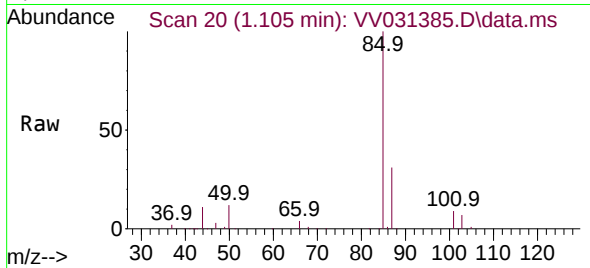




#2
Dichlorodifluoromethane
Concen: 4.285 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

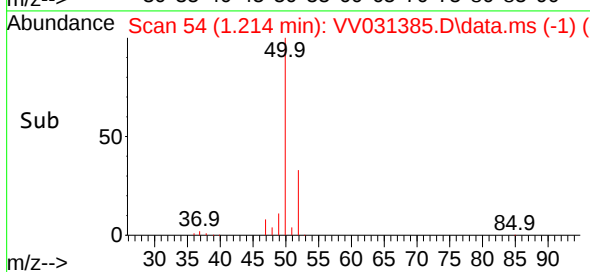
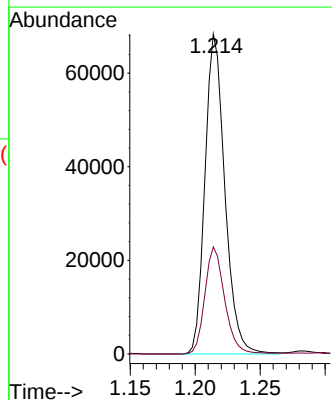
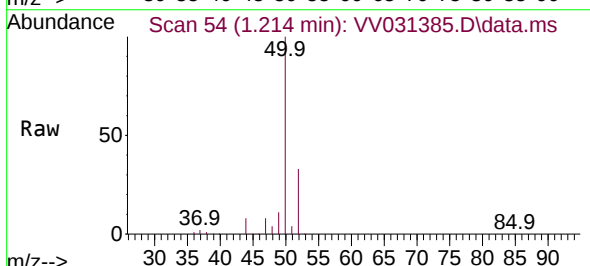
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

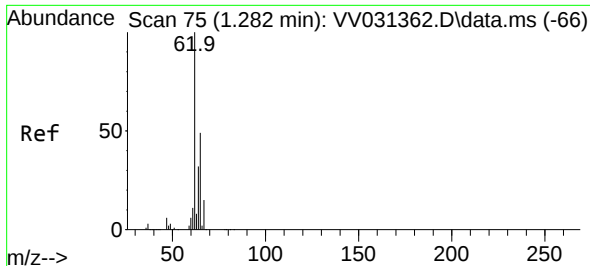
Tgt Ion: 85 Resp: 82852
Ion Ratio Lower Upper
85 100
87 31.1 25.6 38.4



#3
Chloromethane
Concen: 3.815 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 50 Resp: 72877
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

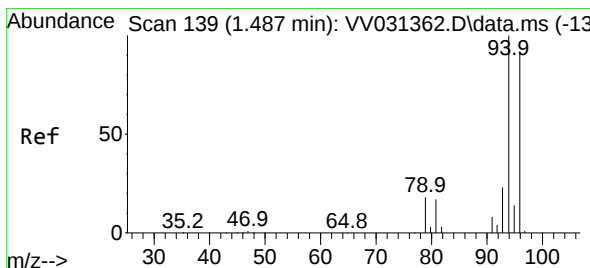
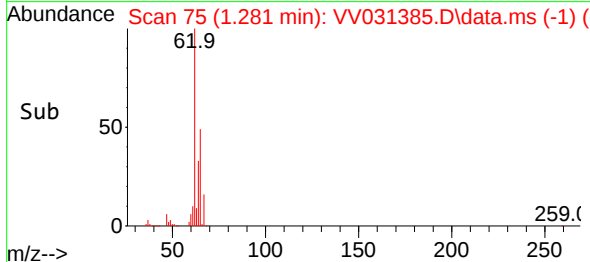
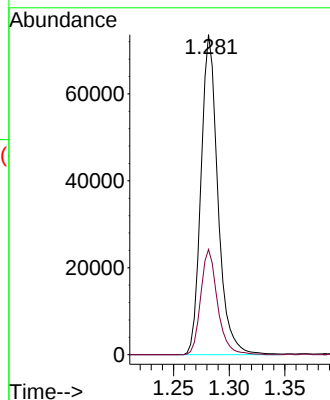
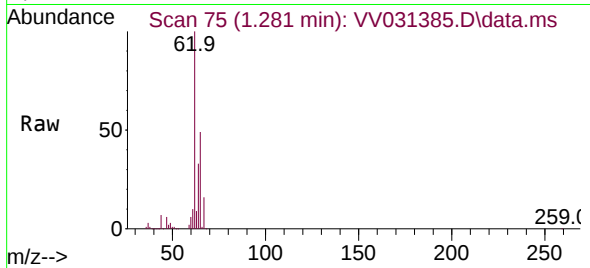




#5
 Vinyl chloride
 Concen: 4.065 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031385.D
 Acq: 06 Jun 2023 19:05

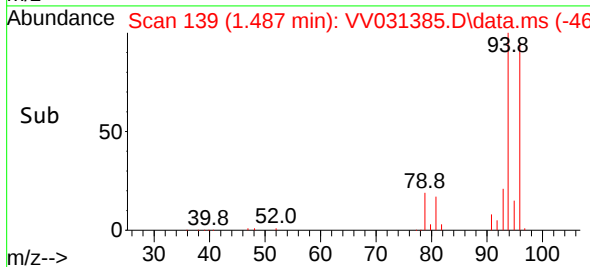
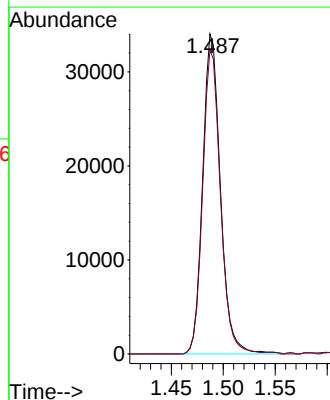
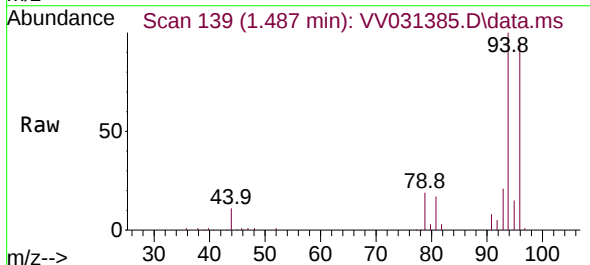
Instrument :
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 ClientSampleId :
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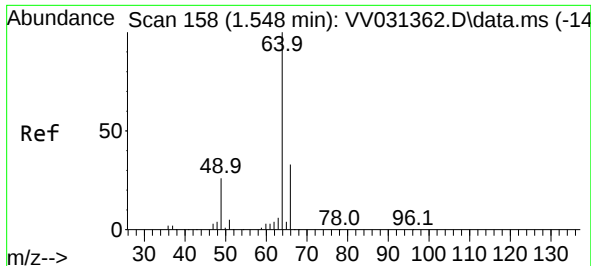
Tgt Ion: 62 Resp: 77625
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 3.687 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031385.D
 Acq: 06 Jun 2023 19:05

Tgt Ion: 94 Resp: 40364
 Ion Ratio Lower Upper
 94 100
 96 95.0 63.7 118.3

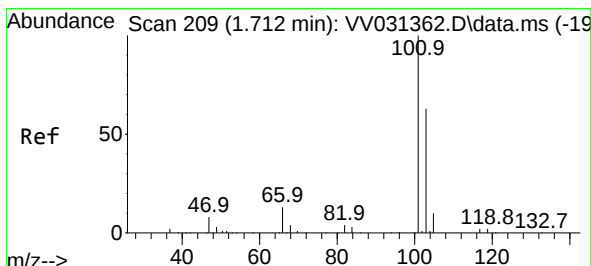
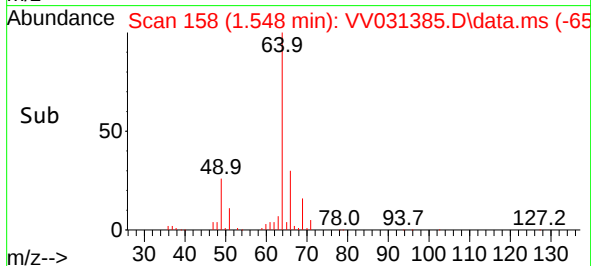
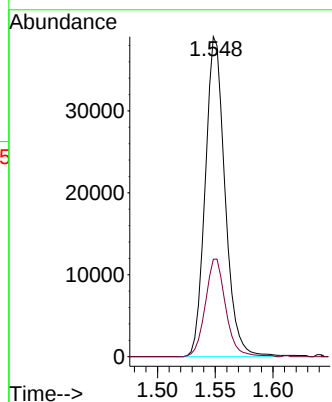
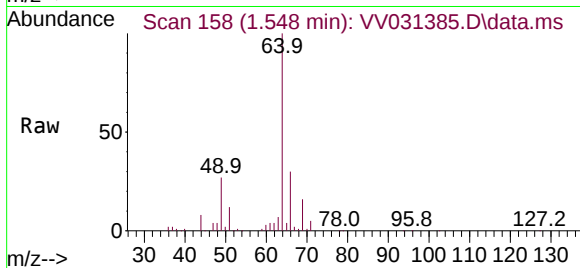




#8
Chloroethane
Concen: 3.909 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

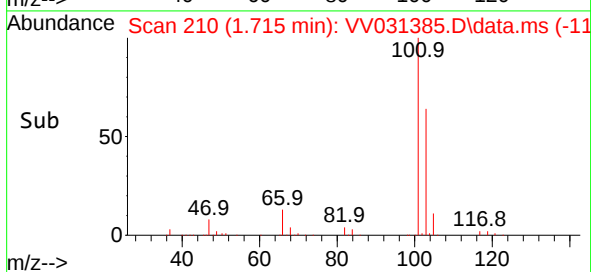
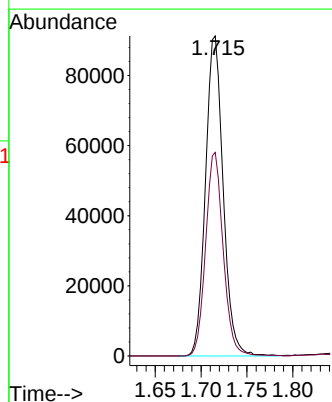
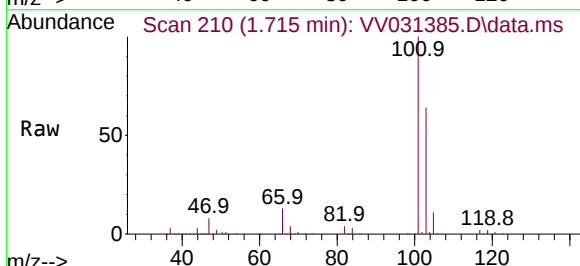
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VSTD005366

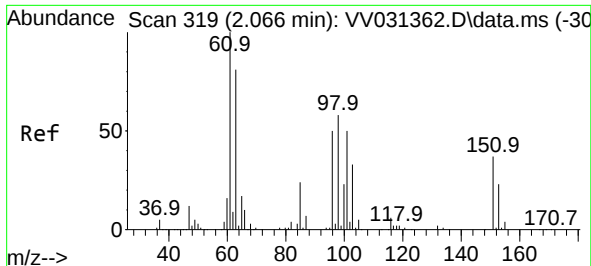
Tgt Ion: 64 Resp: 46542
Ion Ratio Lower Upper
64 100
66 30.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.354 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 101 Resp: 122443
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.232 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

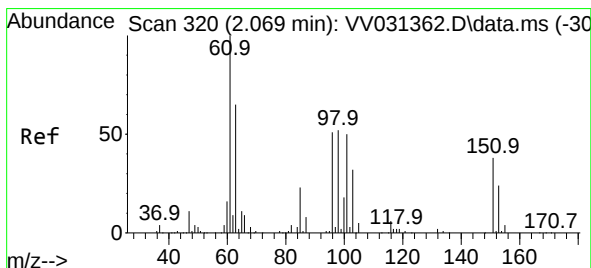
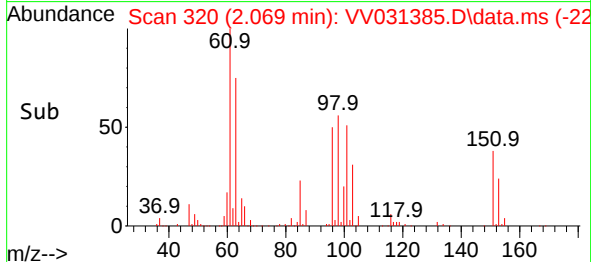
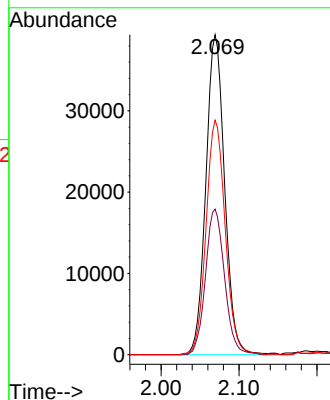
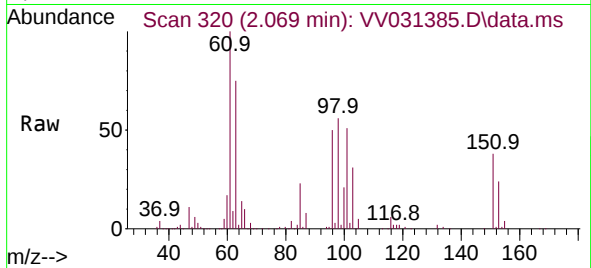
Tgt Ion:101 Resp: 65794

Ion Ratio Lower Upper

101 100

85 46.2 37.2 55.8

151 75.1 55.5 83.3



#12

1,1-Dichloroethene

Concen: 4.253 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

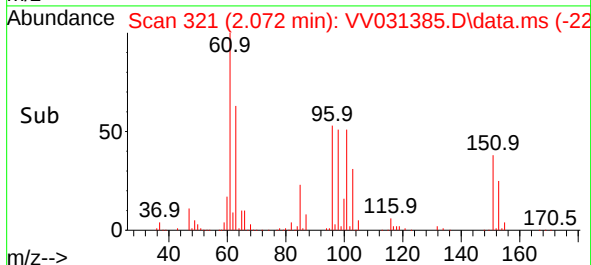
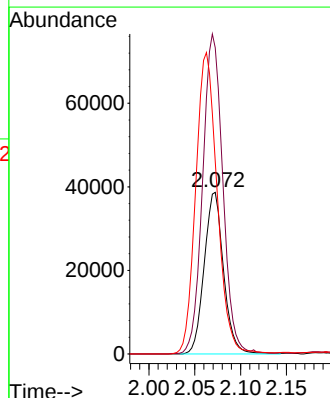
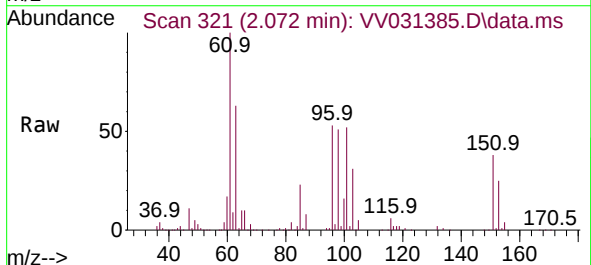
Tgt Ion: 96 Resp: 56928

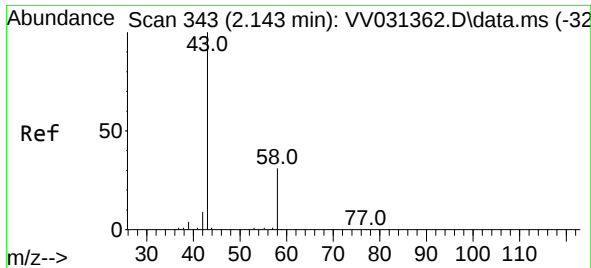
Ion Ratio Lower Upper

96 100

61 189.5 138.3 256.8

63 119.2 101.9 189.3





#13

Acetone

Concen: 26.892 ug/L

RT: 2.162 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

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ClientSampleId :

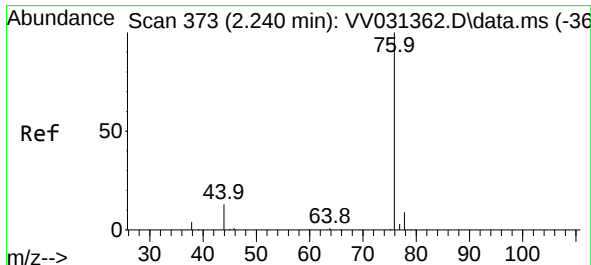
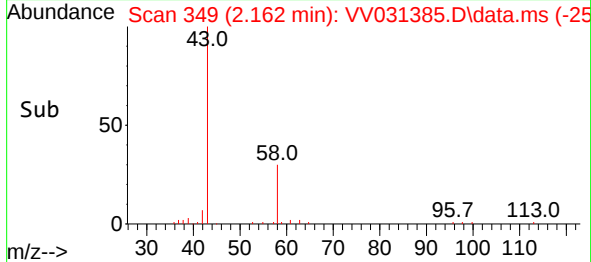
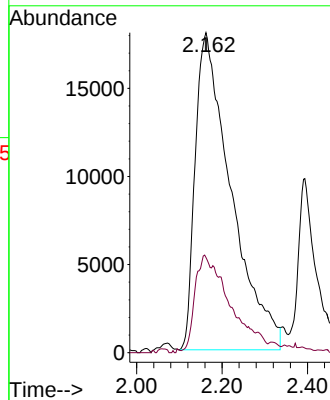
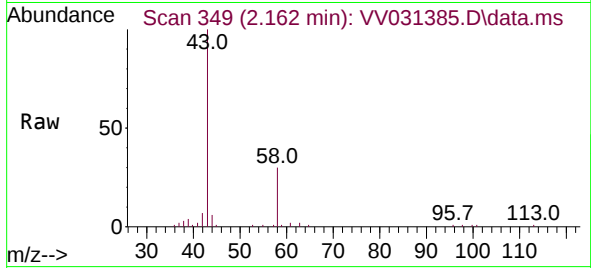
VSTD005366

Tgt Ion: 43 Resp: 104829

Ion Ratio Lower Upper

43 100

58 27.7 0.0 48.4



#14

Carbon disulfide

Concen: 4.144 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV031385.D

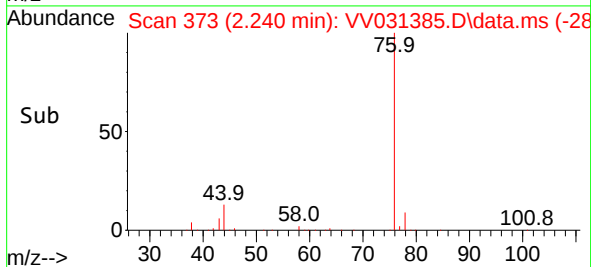
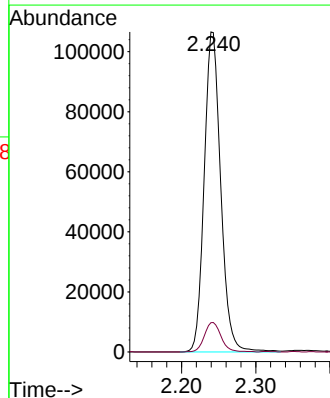
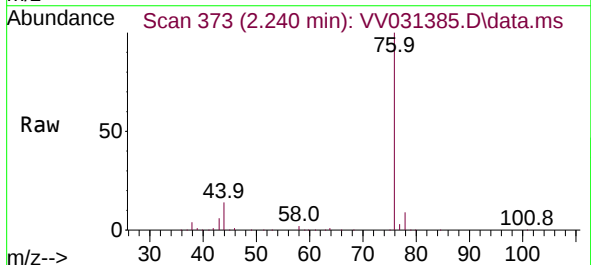
Acq: 06 Jun 2023 19:05

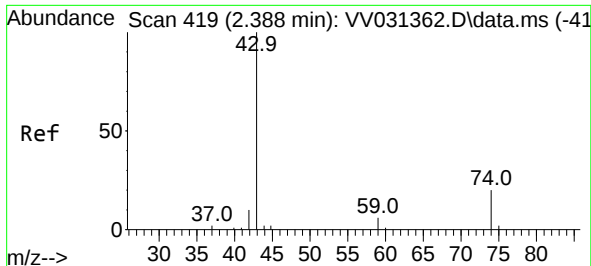
Tgt Ion: 76 Resp: 164430

Ion Ratio Lower Upper

76 100

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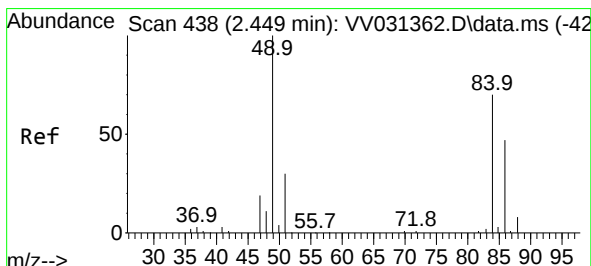
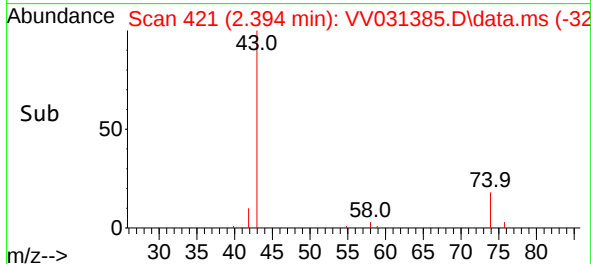
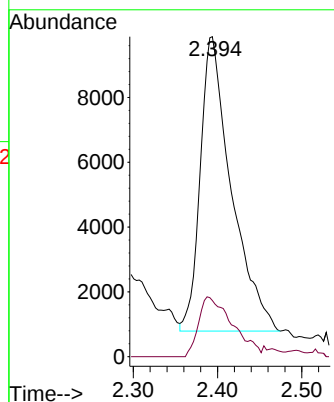
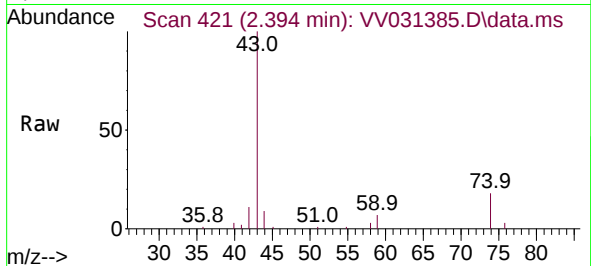




#15
Methyl Acetate
Concen: 3.083 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

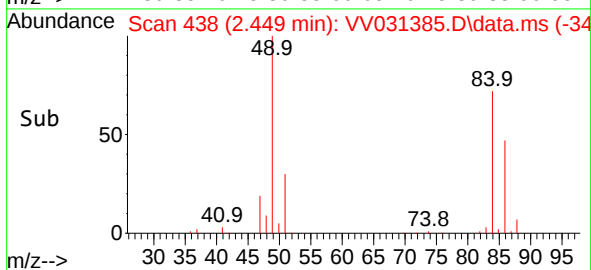
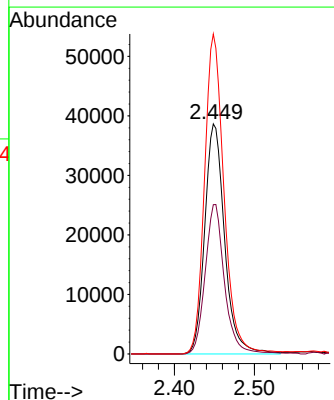
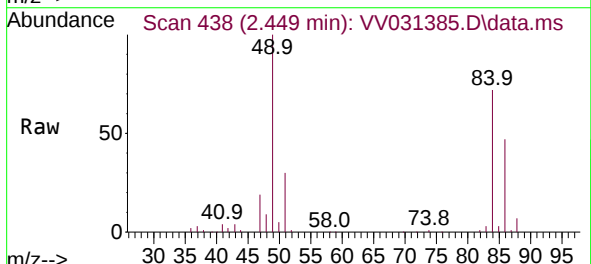
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

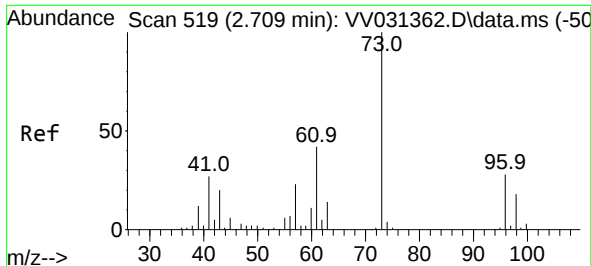
Tgt Ion: 43 Resp: 23347
Ion Ratio Lower Upper
43 100
74 22.2 16.2 24.2



#16
Methylene chloride
Concen: 4.117 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 84 Resp: 66983
Ion Ratio Lower Upper
84 100
86 64.9 46.7 86.7
49 139.1 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 3.998 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

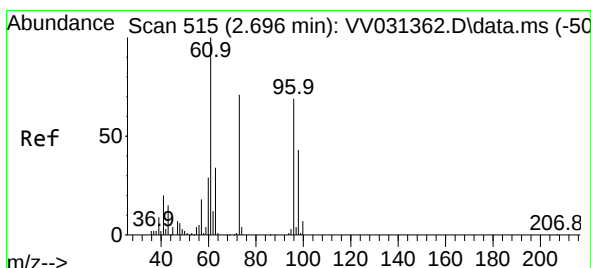
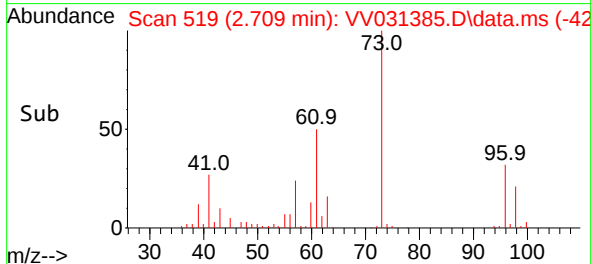
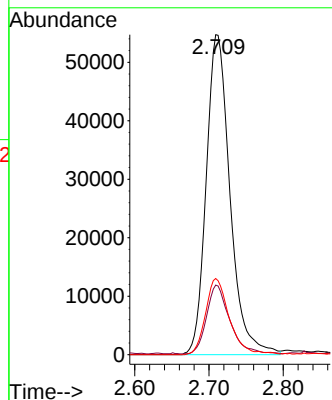
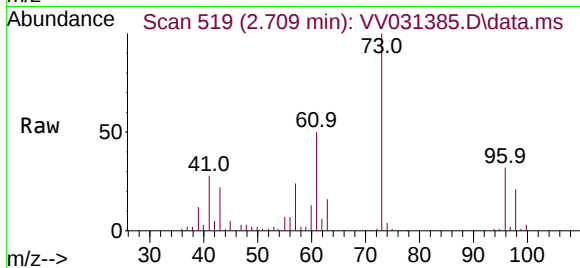
Tgt Ion: 73 Resp: 121949

Ion Ratio Lower Upper

73 100

43 20.9 17.8 26.8

57 23.5 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 4.174 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

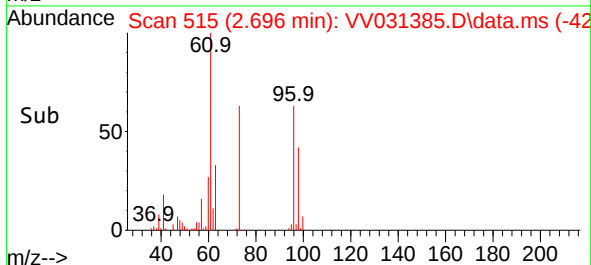
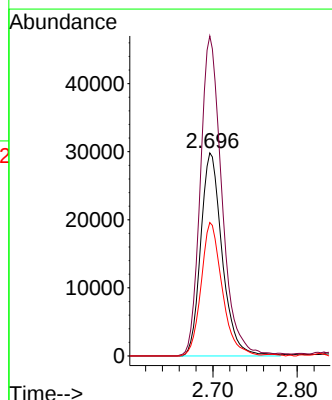
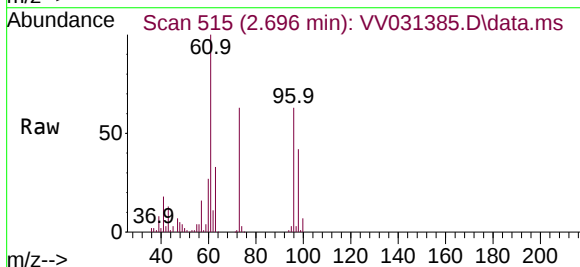
Tgt Ion: 96 Resp: 52985

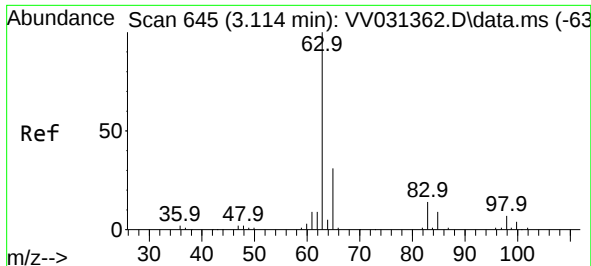
Ion Ratio Lower Upper

96 100

61 157.6 114.2 212.0

98 65.7 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.243 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

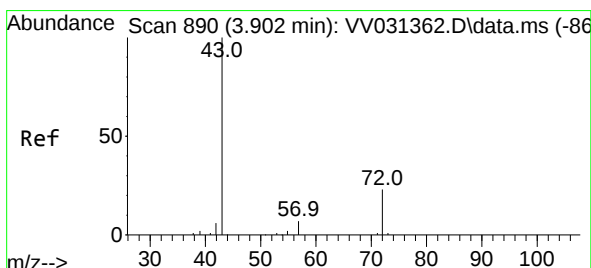
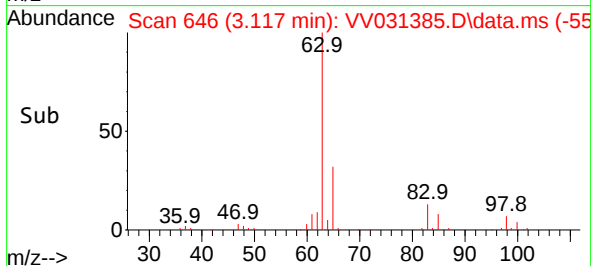
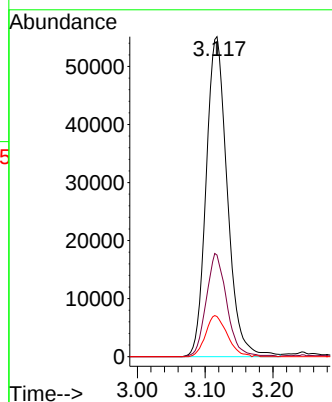
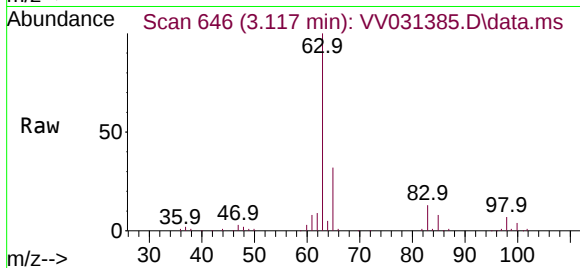
Tgt Ion: 63 Resp: 119620

Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 12.6 9.0 16.6



#21

2-Butanone

Concen: 29.755 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.009 min

Lab File: VV031385.D

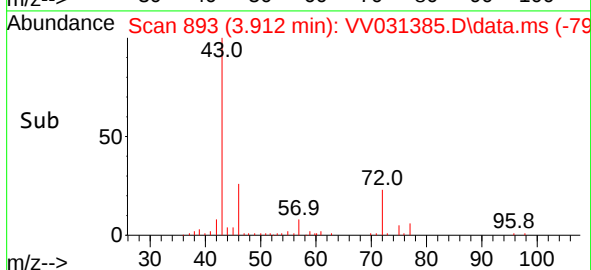
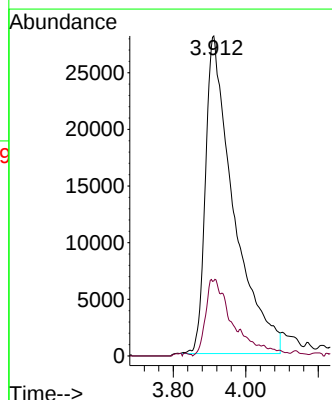
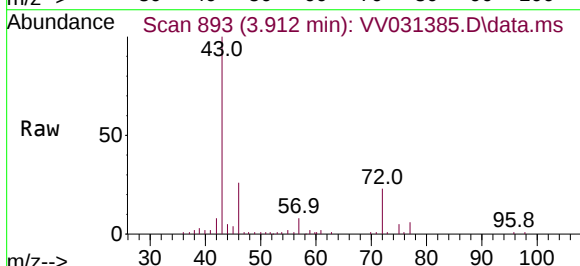
Acq: 06 Jun 2023 19:05

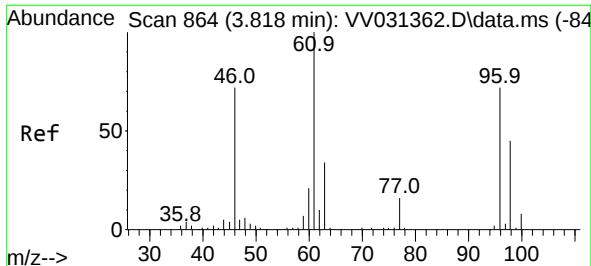
Tgt Ion: 43 Resp: 150849

Ion Ratio Lower Upper

43 100

72 6.4 7.8 23.5#





#22

cis-1,2-Dichloroethene

Concen: 4.270 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

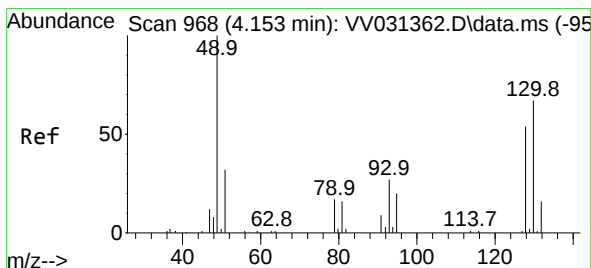
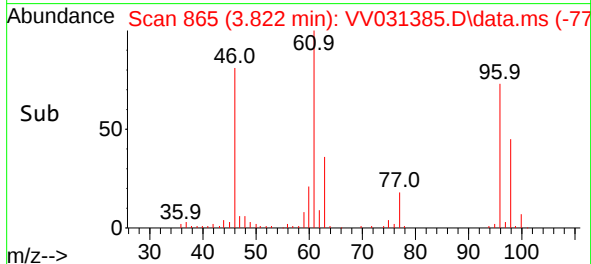
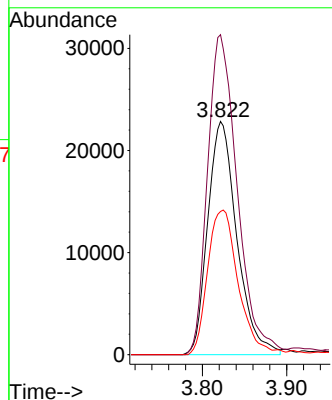
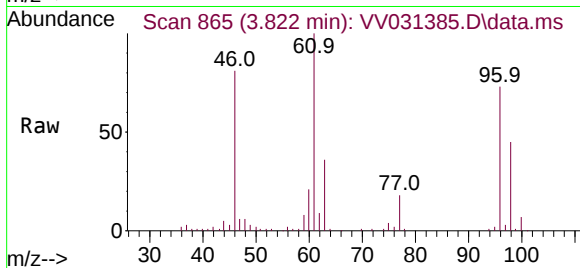
Tgt Ion: 96 Resp: 54918

Ion Ratio Lower Upper

96 100

61 137.2 100.8 187.2

98 61.4 45.1 83.9



#23

Bromochloromethane

Concen: 4.201 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Tgt Ion: 128 Resp: 25543

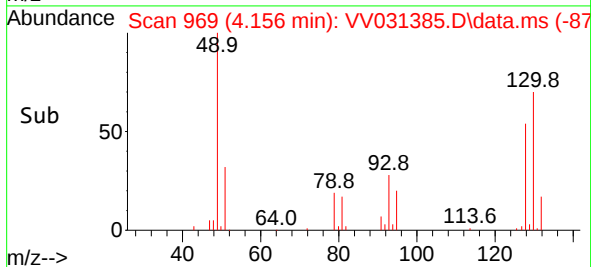
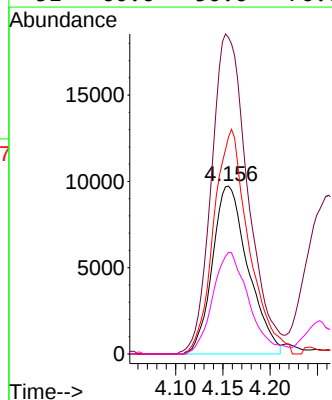
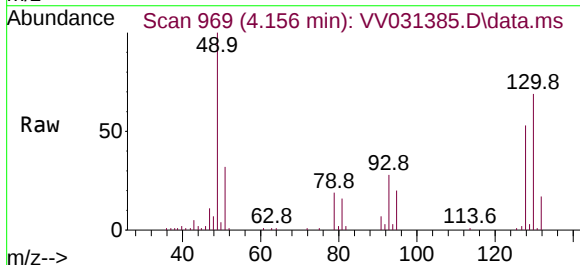
Ion Ratio Lower Upper

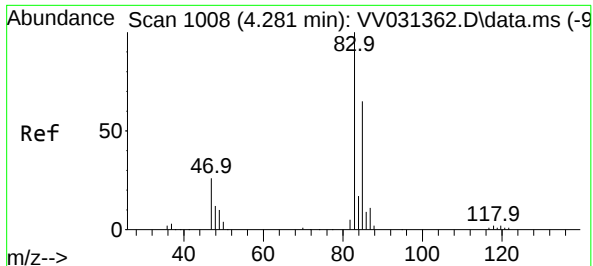
128 100

49 195.1 148.1 275.0

130 129.2 89.9 166.9

51 60.6 50.6 76.0





#25

Chloroform

Concen: 4.108 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

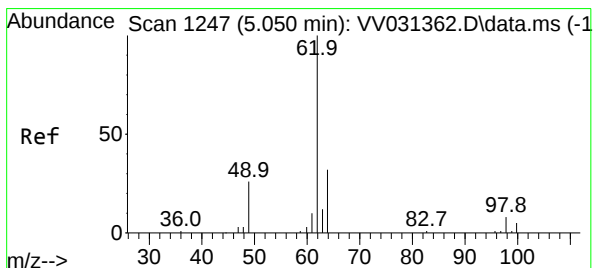
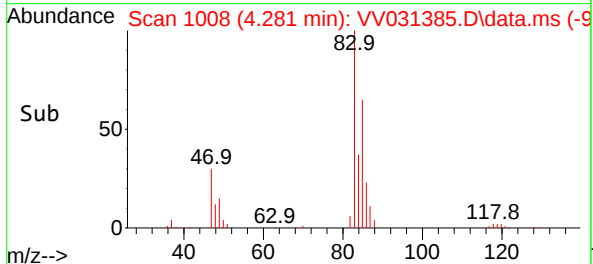
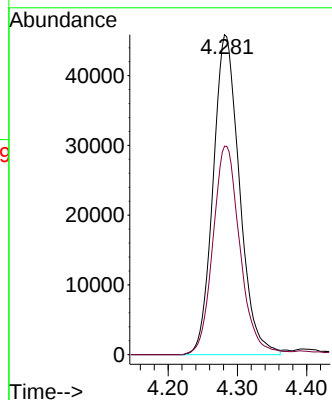
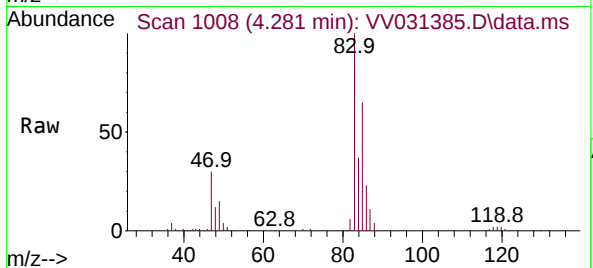
VSTD005366

Tgt Ion: 83 Resp: 121102

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3



#27

1,2-Dichloroethane

Concen: 4.673 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV031385.D

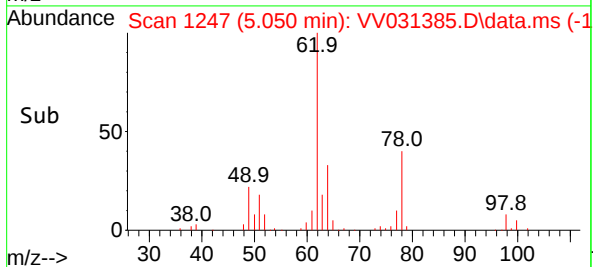
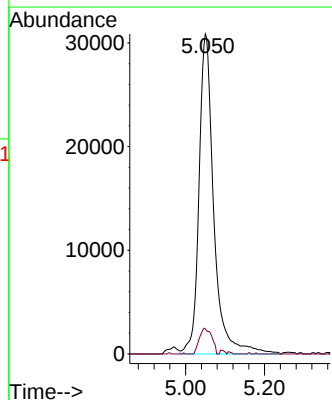
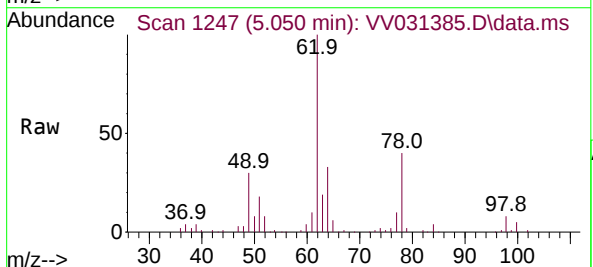
Acq: 06 Jun 2023 19:05

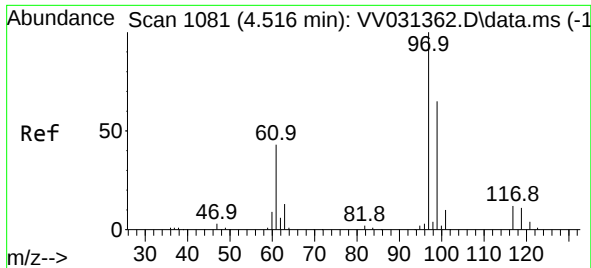
Tgt Ion: 62 Resp: 80073

Ion Ratio Lower Upper

62 100

98 7.8 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.649 ug/L

RT: 4.516 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

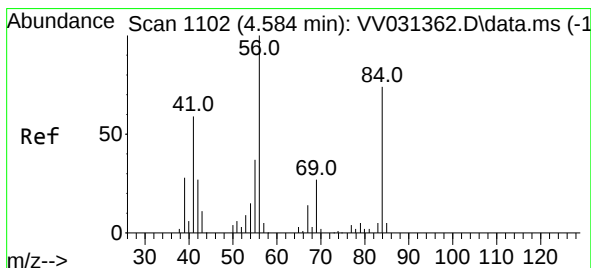
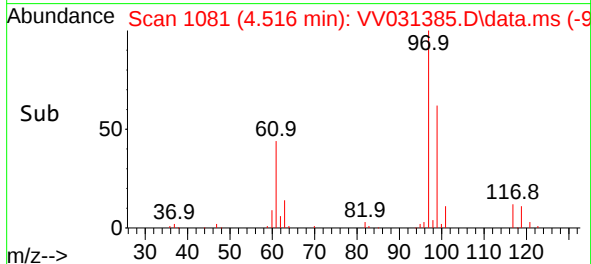
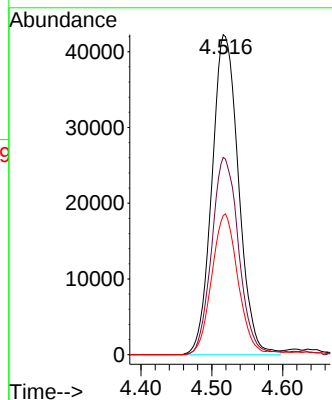
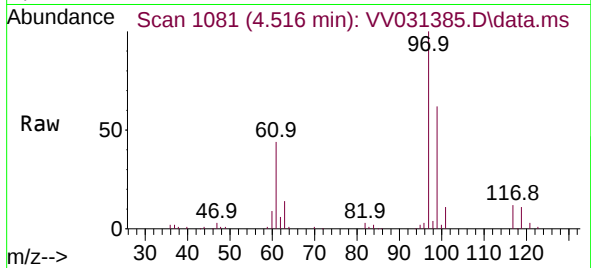
Tgt Ion: 97 Resp: 110404

Ion Ratio Lower Upper

97 100

99 62.3 52.2 78.4

61 43.2 36.4 54.6



#30

Cyclohexane

Concen: 4.248 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

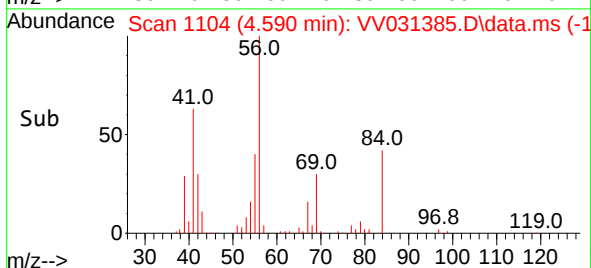
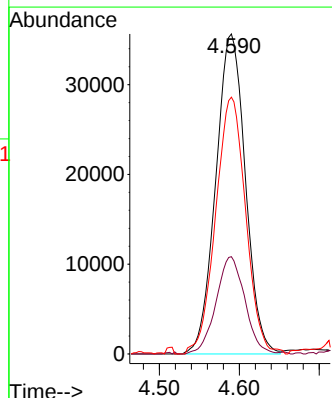
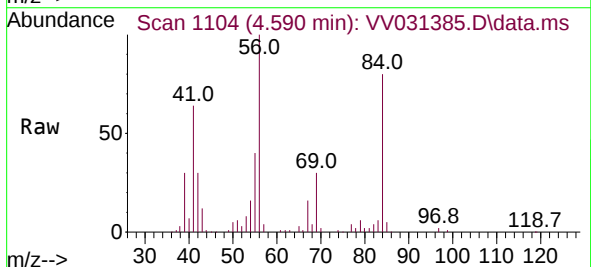
Tgt Ion: 56 Resp: 91587

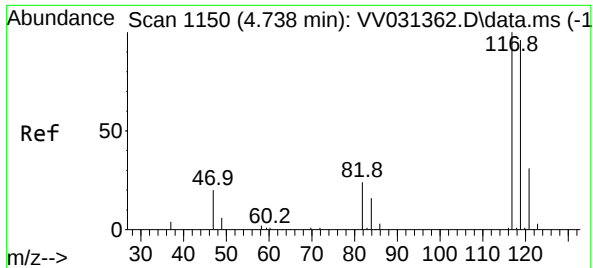
Ion Ratio Lower Upper

56 100

69 29.6 23.2 34.8

84 81.5 58.5 87.7

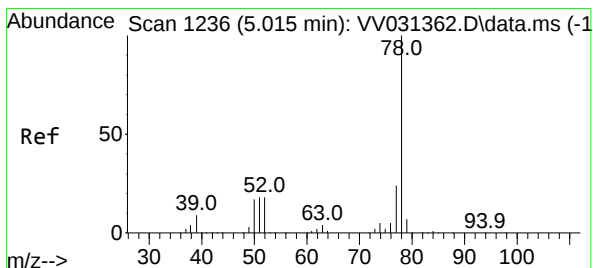
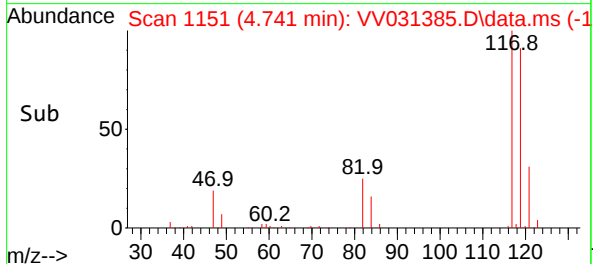
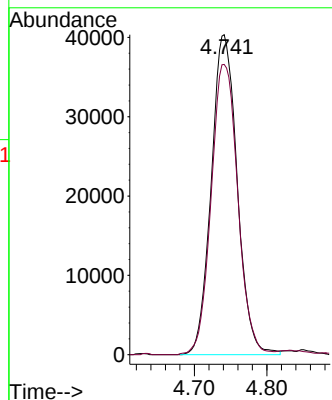
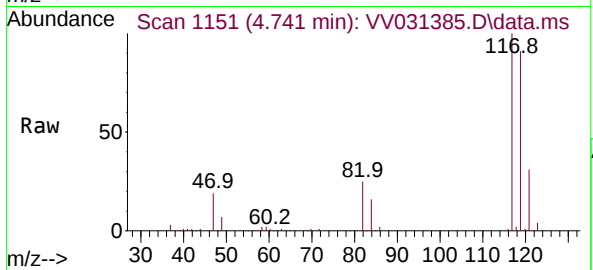




#31
Carbon tetrachloride
Concen: 4.731 ug/L
RT: 4.741 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

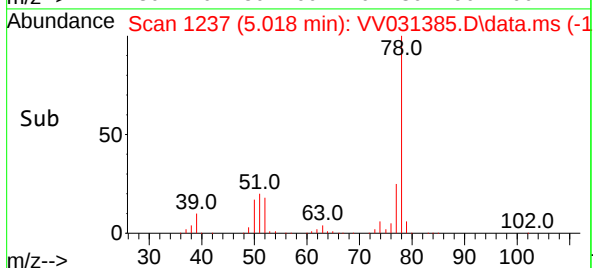
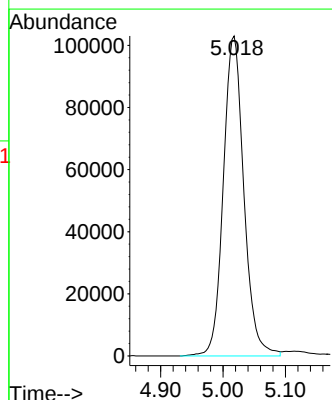
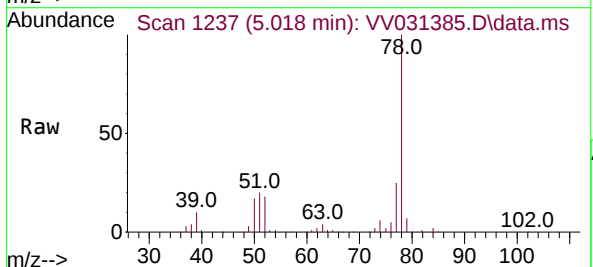
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

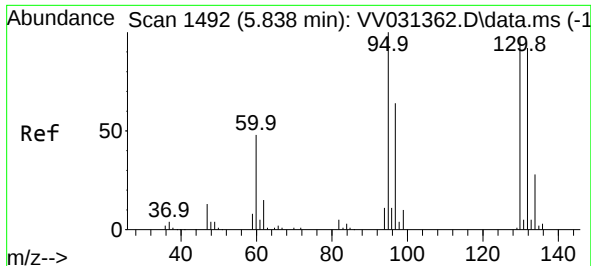
Tgt Ion:117 Resp: 100190
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5



#33
Benzene
Concen: 4.640 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 78 Resp: 235881



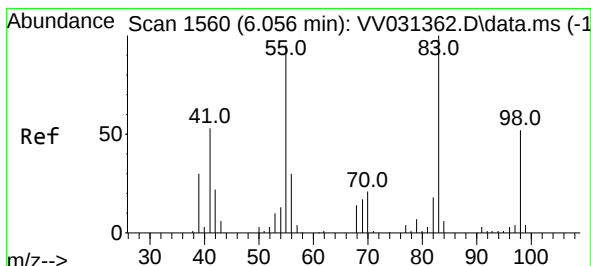
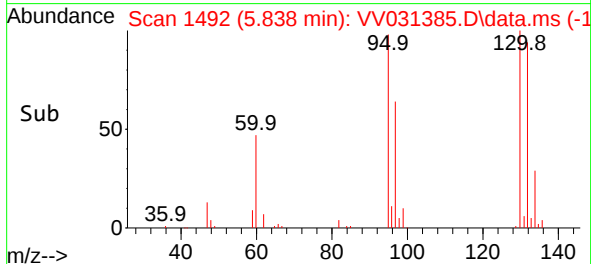
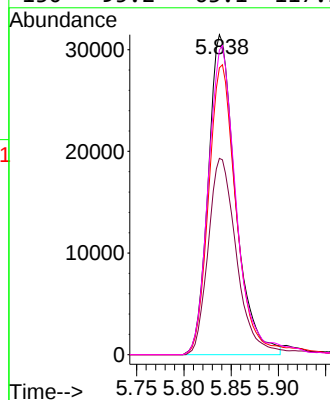
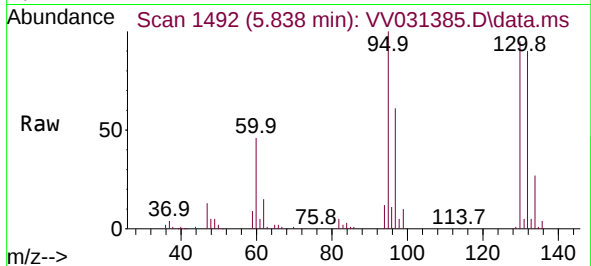


#34
Trichloroethene
Concen: 4.583 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

Tgt Ion: 95 Resp: 62916

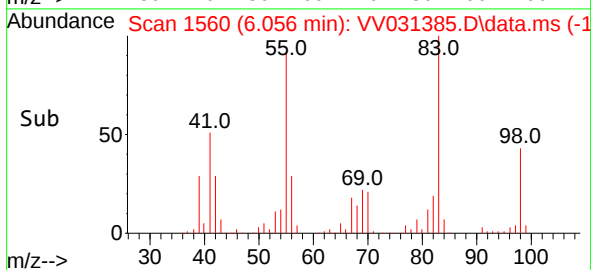
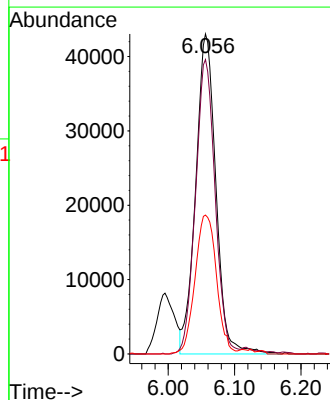
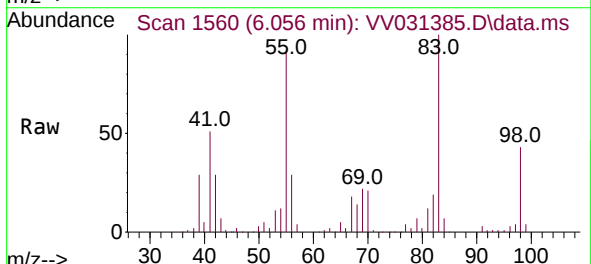
Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.1	85.5
132	89.6	64.5	119.9
130	95.2	63.1	117.1

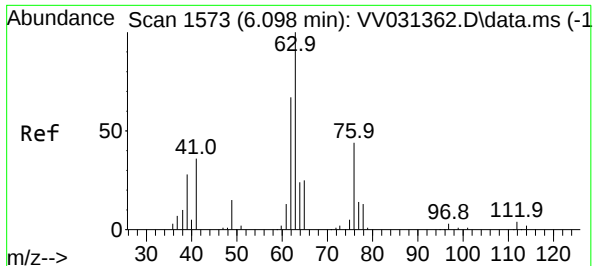


#35
Methylcyclohexane
Concen: 4.465 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 83 Resp: 91258

Ion	Ratio	Lower	Upper
83	100		
55	89.3	74.6	112.0
98	46.0	36.5	54.7





#37

1,2-Dichloropropane

Concen: 4.443 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

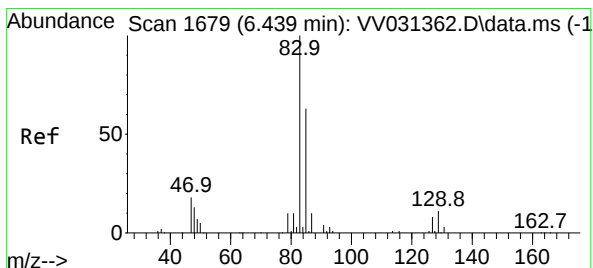
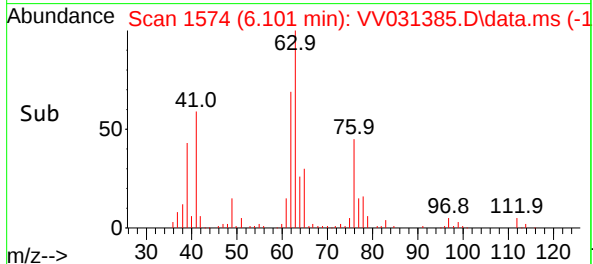
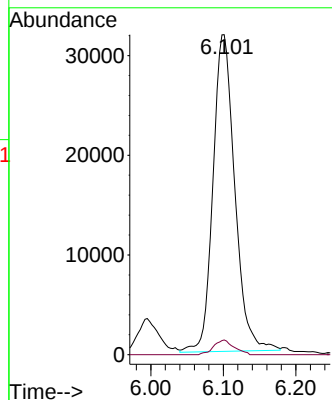
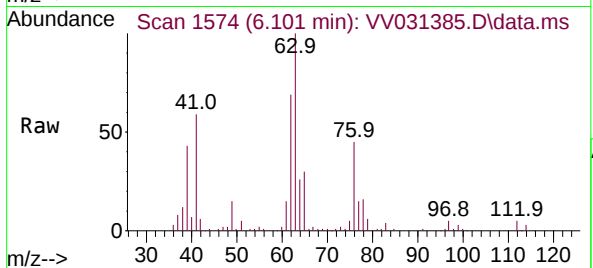
VSTD005366

Tgt Ion: 63 Resp: 66467

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 4.430 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

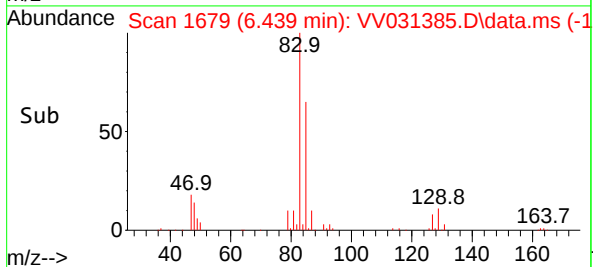
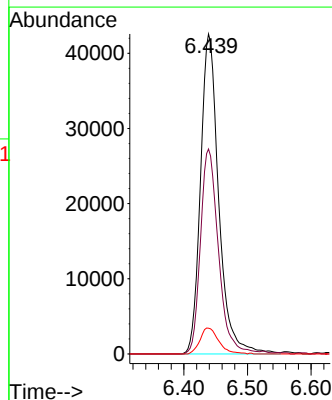
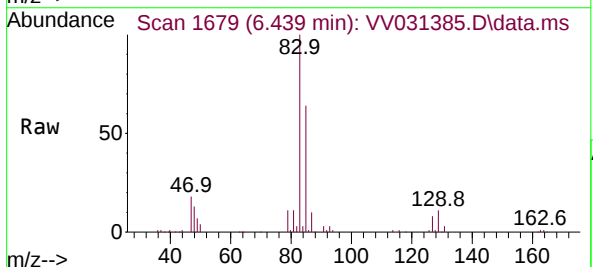
Tgt Ion: 83 Resp: 84726

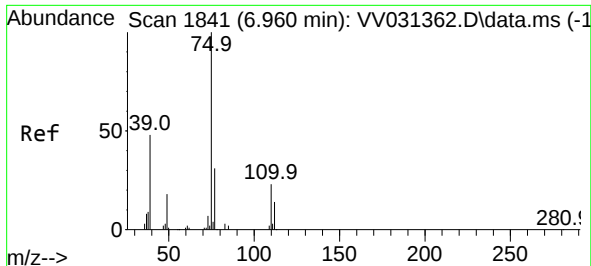
Ion Ratio Lower Upper

83 100

85 64.1 44.3 82.3

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.266 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

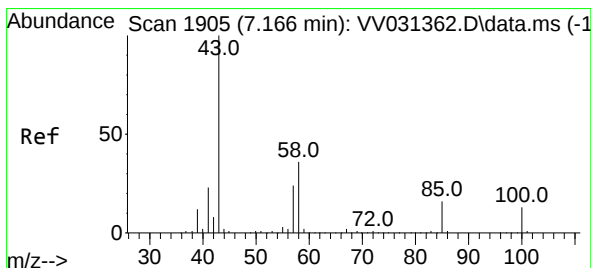
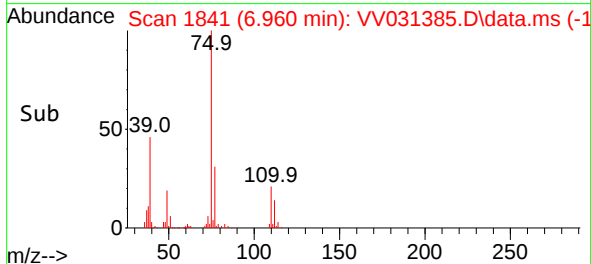
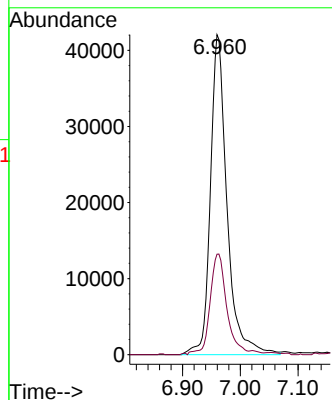
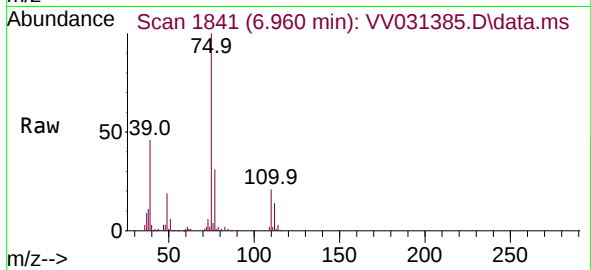
VSTD005366

Tgt Ion: 75 Resp: 83765

Ion Ratio Lower Upper

75 100

77 31.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 43.010 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

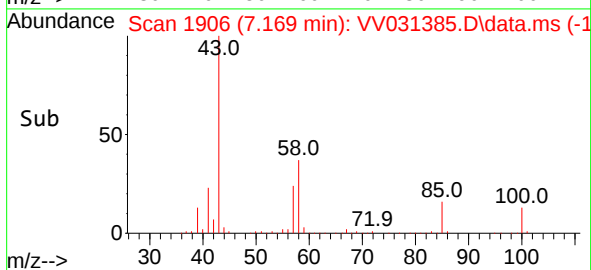
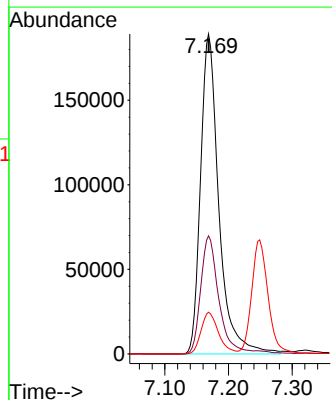
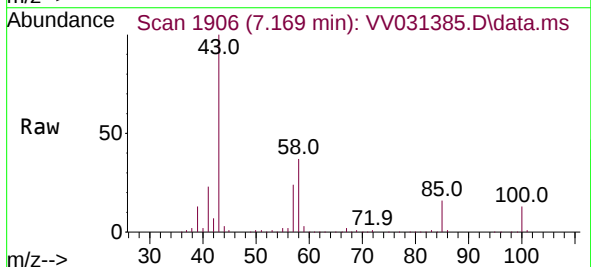
Tgt Ion: 43 Resp: 377532

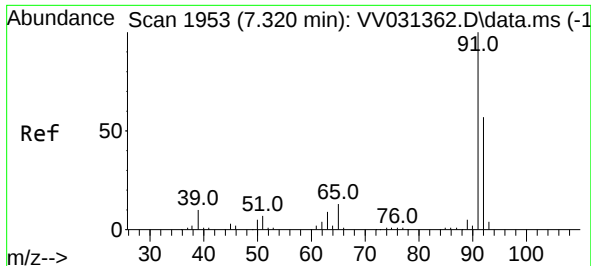
Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.4

100 12.5 9.0 13.6





#42

Toluene

Concen: 4.801 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

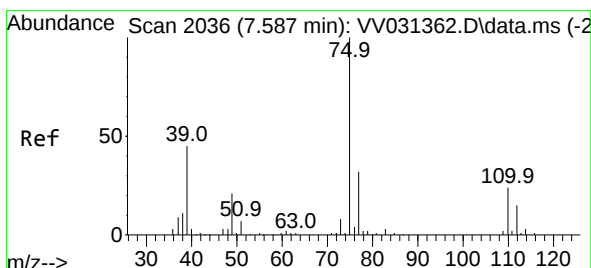
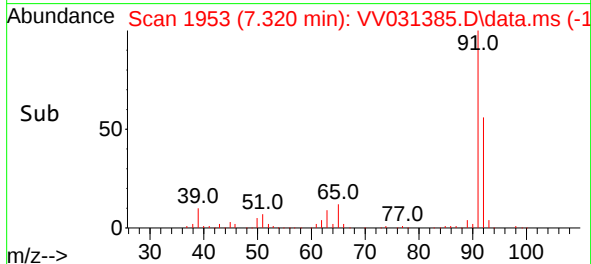
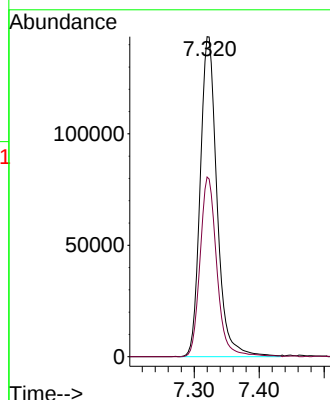
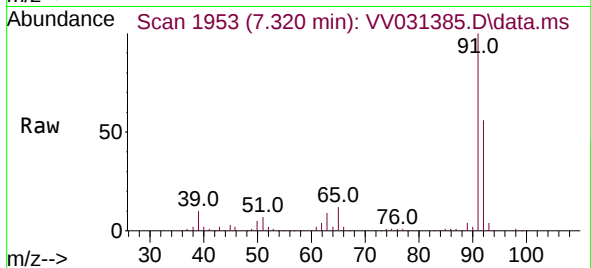
VSTD005366

Tgt Ion: 91 Resp: 258931

Ion Ratio Lower Upper

91 100

92 56.2 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.425 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031385.D

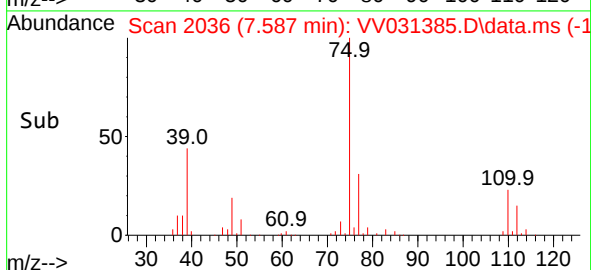
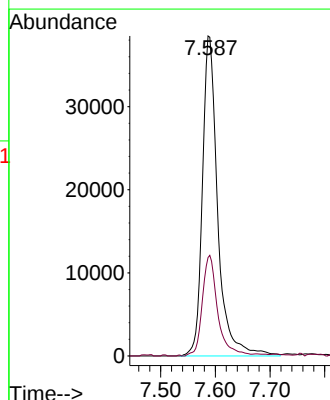
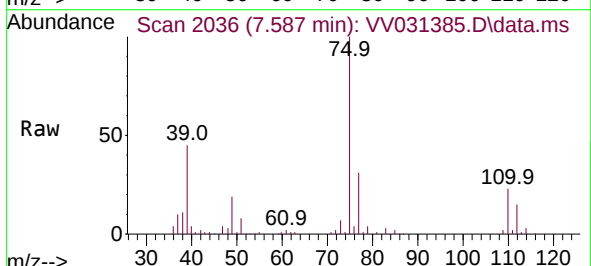
Acq: 06 Jun 2023 19:05

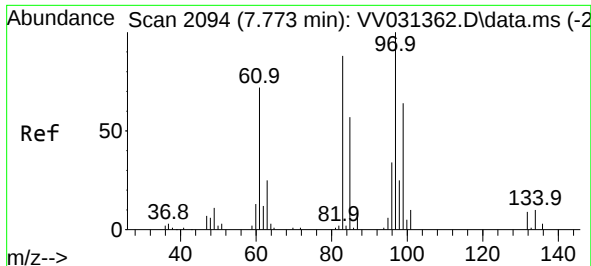
Tgt Ion: 75 Resp: 74749

Ion Ratio Lower Upper

75 100

77 30.7 22.8 42.4

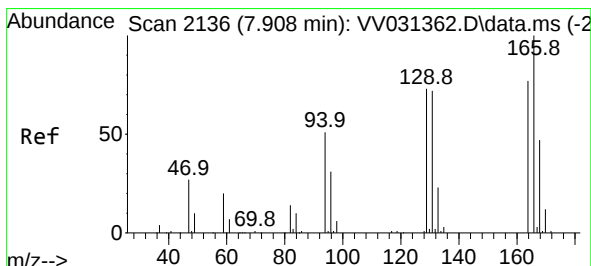
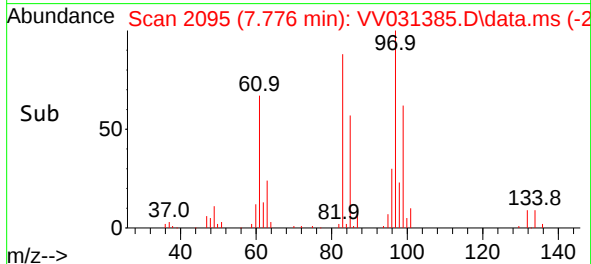
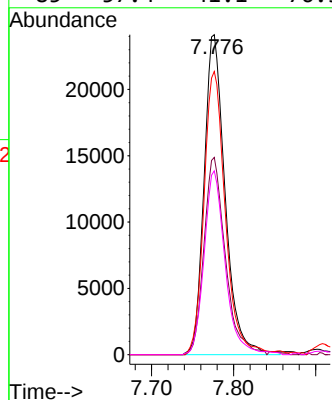
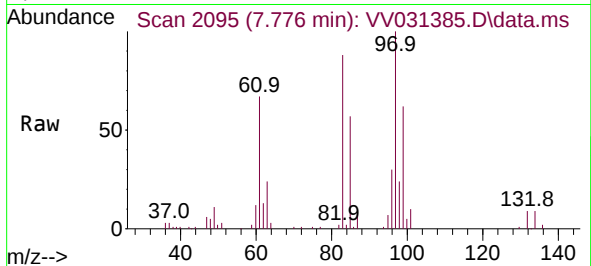




#45
1,1,2-Trichloroethane
Concen: 4.236 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

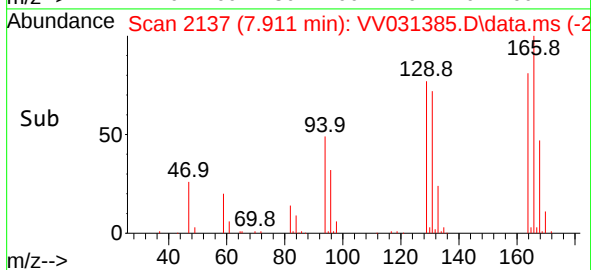
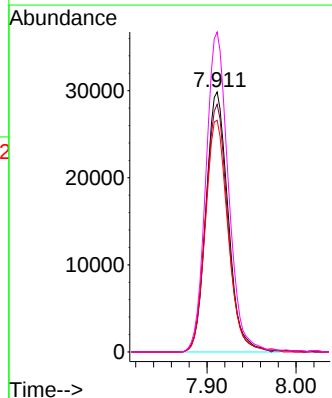
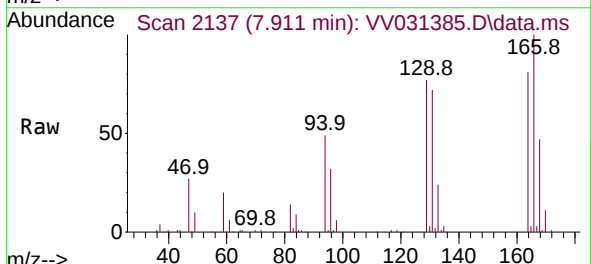
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

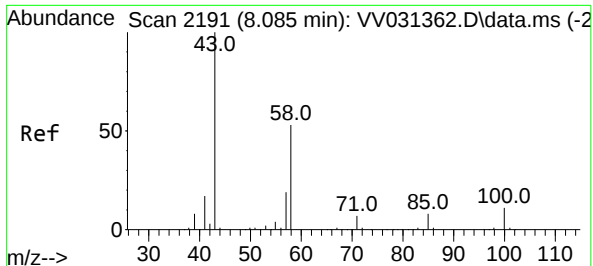
Tgt Ion: 97	Resp: 43011
Ion Ratio	Lower Upper
97 100	
99 61.6	43.1 80.1
83 88.5	63.1 117.1
85 57.4	41.1 76.3



#47
Tetrachloroethene
Concen: 4.821 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 164	Resp: 51580
Ion Ratio	Lower Upper
164 100	
129 95.3	66.0 122.6
131 89.1	65.3 121.3
166 123.1	90.1 167.3

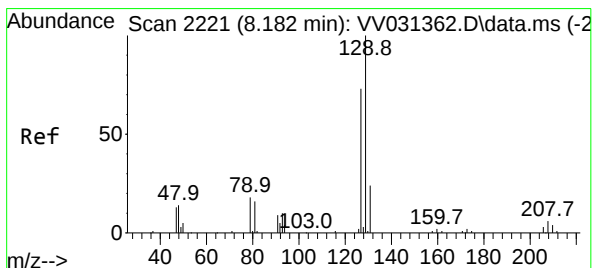
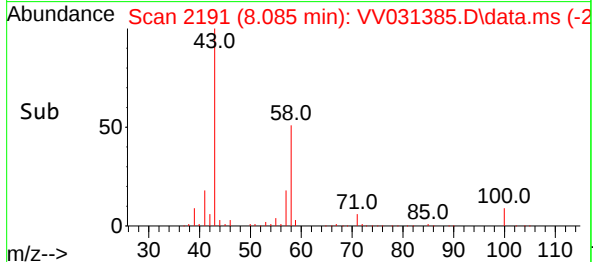
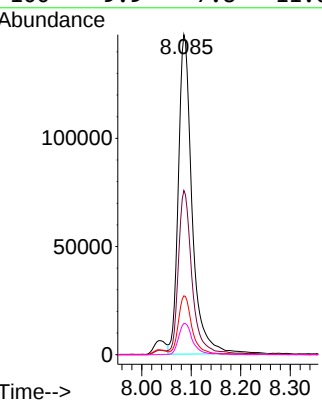
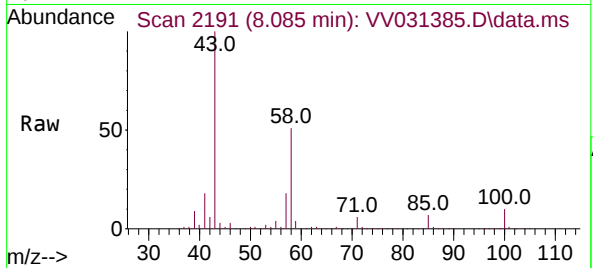




#48
2-Hexanone
Concen: 40.866 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

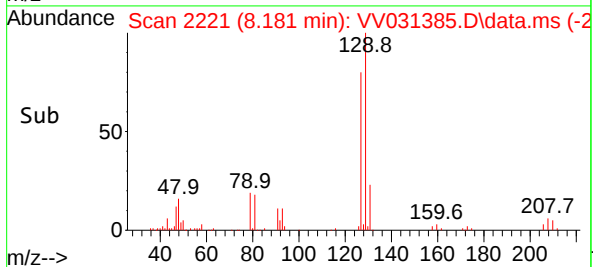
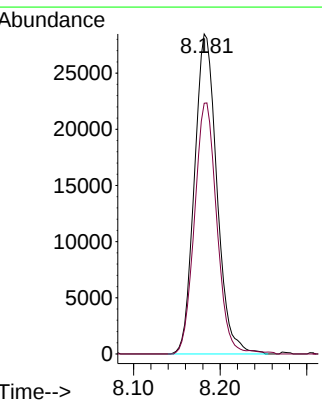
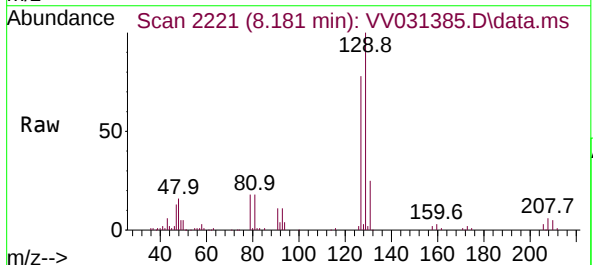
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

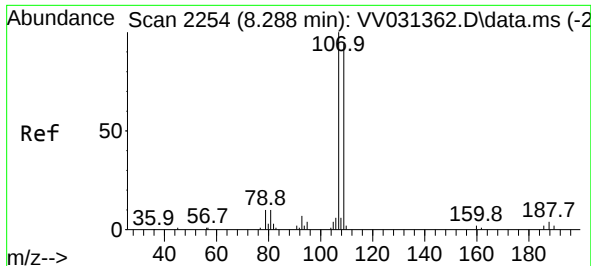
Tgt Ion: 43 Resp: 284883
Ion Ratio Lower Upper
43 100
58 50.2 41.1 61.7
57 17.9 14.4 21.6
100 9.9 7.8 11.6



#49
Dibromochloromethane
Concen: 4.529 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 129 Resp: 51360
Ion Ratio Lower Upper
129 100
127 78.3 55.0 102.2





#50

1,2-Dibromoethane

Concen: 4.267 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

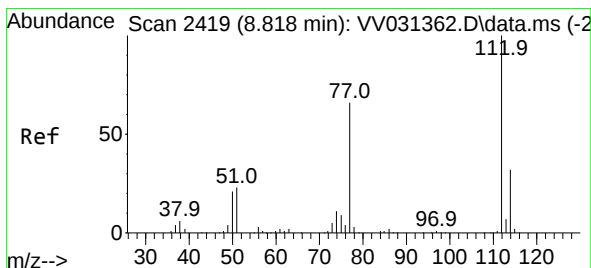
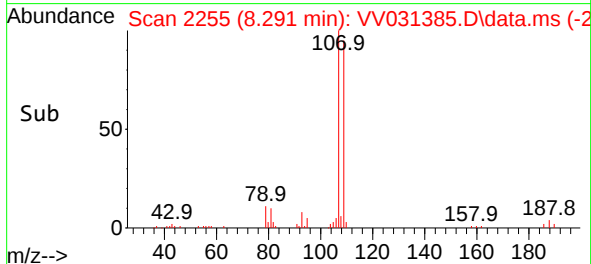
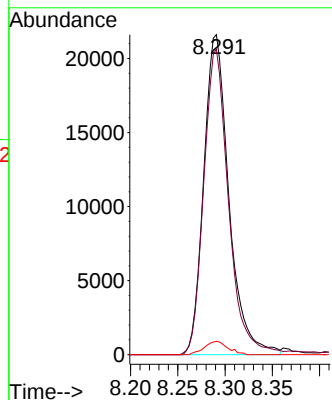
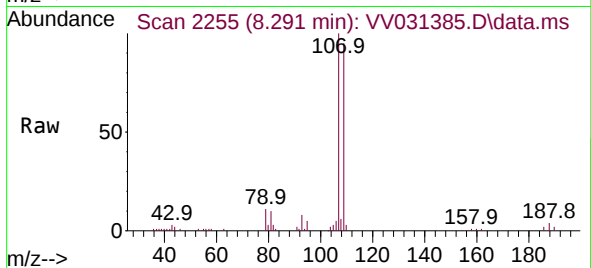
Tgt Ion:107 Resp: 40074

Ion Ratio Lower Upper

107 100

109 95.5 62.2 115.4

188 4.2 3.0 4.4



#51

Chlorobenzene

Concen: 4.542 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

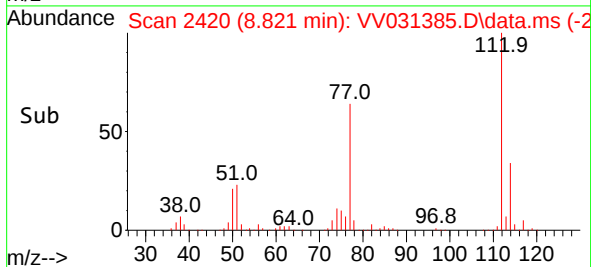
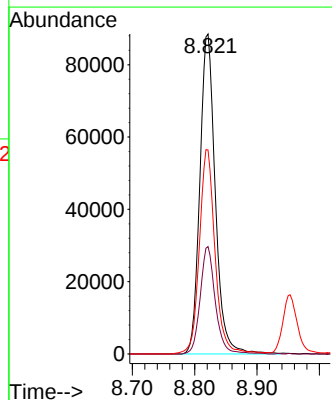
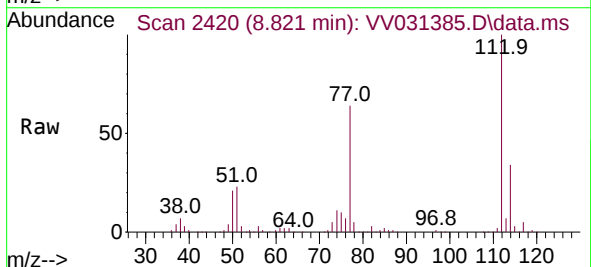
Tgt Ion:112 Resp: 152615

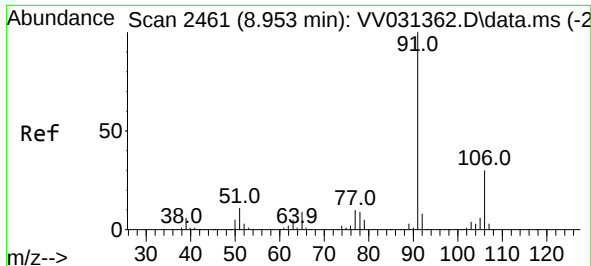
Ion Ratio Lower Upper

112 100

114 33.6 22.7 42.1

77 63.8 52.2 78.2

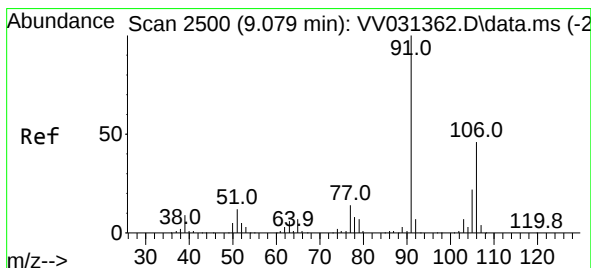
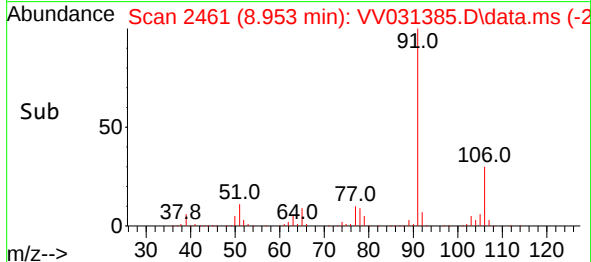
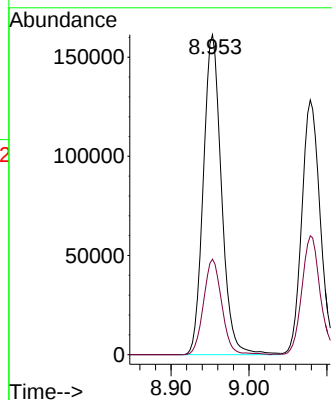
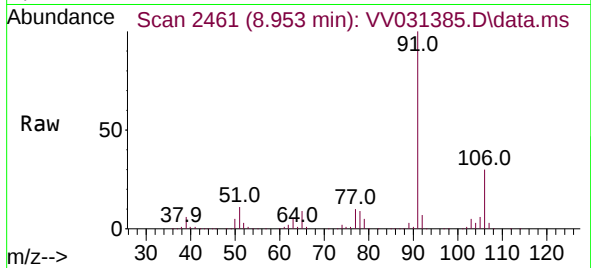




#52
Ethylbenzene
Concen: 4.627 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

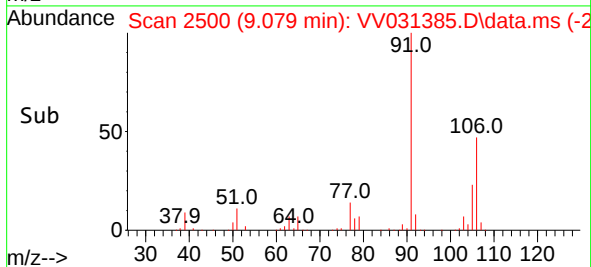
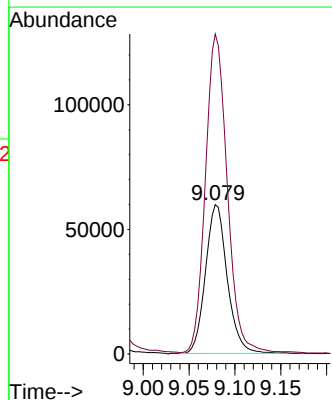
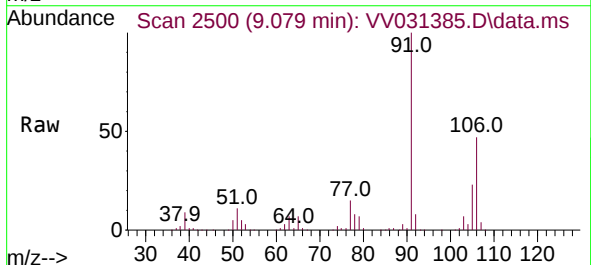
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

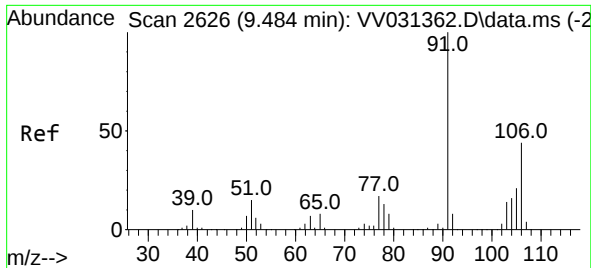
Tgt Ion: 91 Resp: 261054
Ion Ratio Lower Upper
91 100
106 29.8 20.0 37.2



#53
m,p-Xylene
Concen: 4.855 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 106 Resp: 98548
Ion Ratio Lower Upper
106 100
91 214.3 154.3 286.5

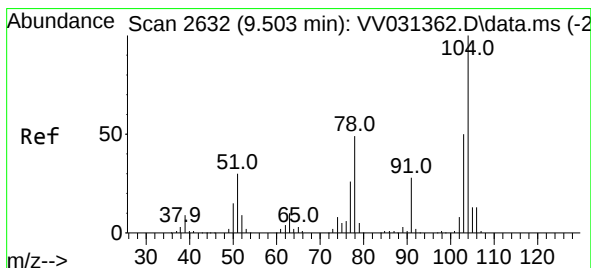
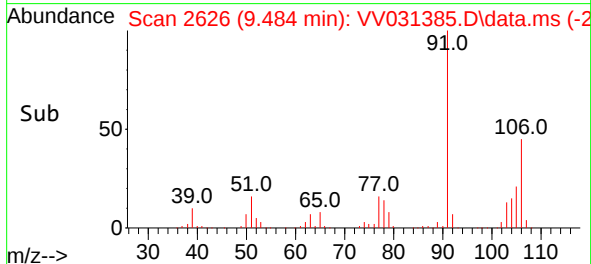
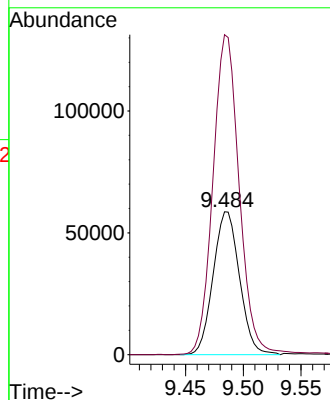
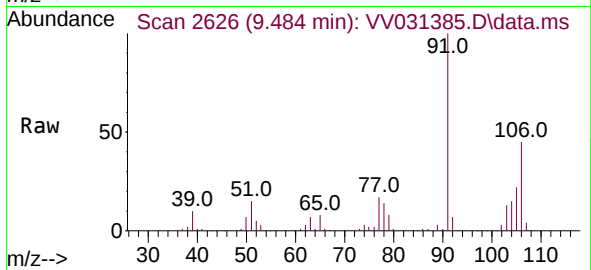




#54
o-Xylene
Concen: 4.897 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

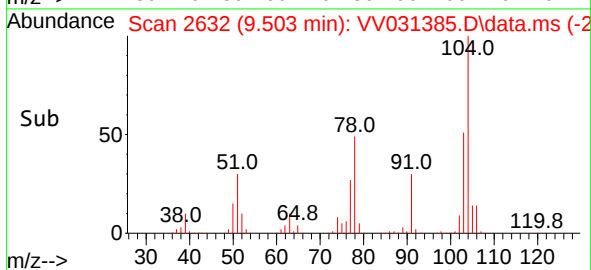
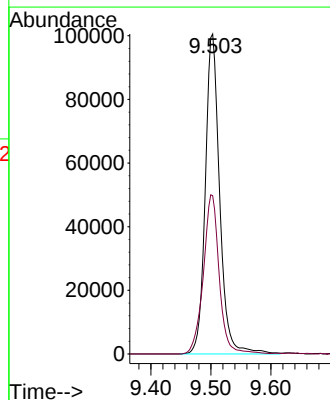
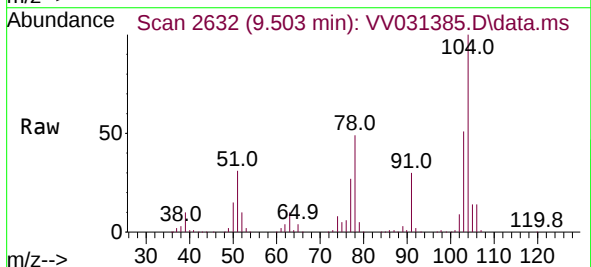
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

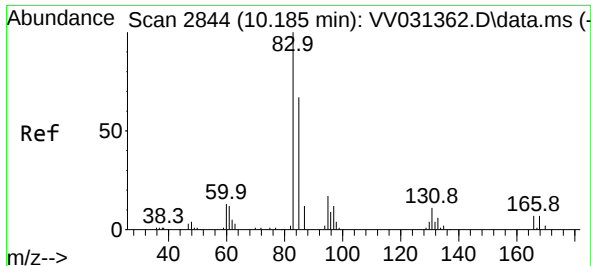
Tgt Ion:106 Resp: 93148
Ion Ratio Lower Upper
106 100
91 223.9 159.0 295.4



#55
Styrene
Concen: 4.972 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion:104 Resp: 168247
Ion Ratio Lower Upper
104 100
78 49.5 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 3.908 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

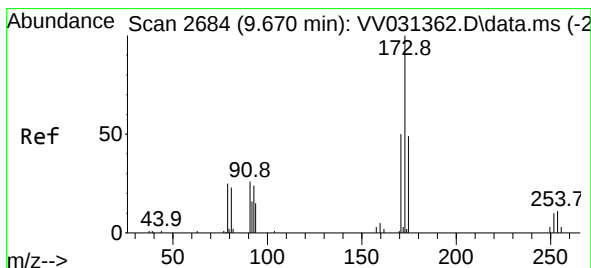
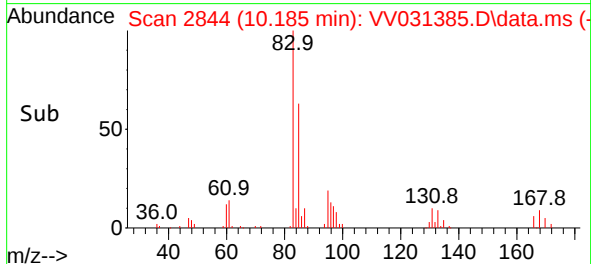
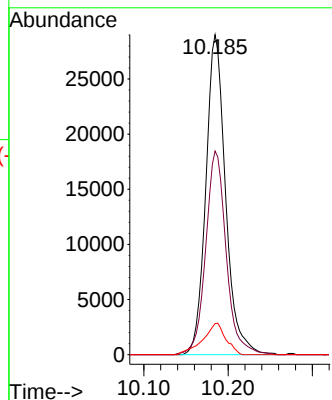
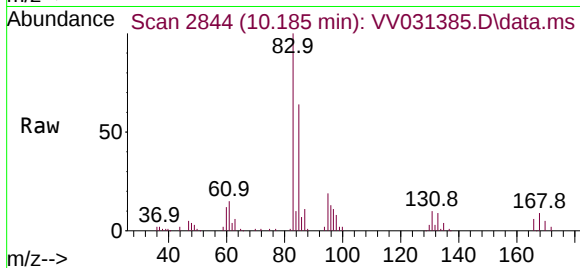
Tgt Ion: 83 Resp: 47296

Ion Ratio Lower Upper

83 100

85 63.6 45.0 83.6

131 9.7 7.3 10.9



#59

Bromoform

Concen: 4.362 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

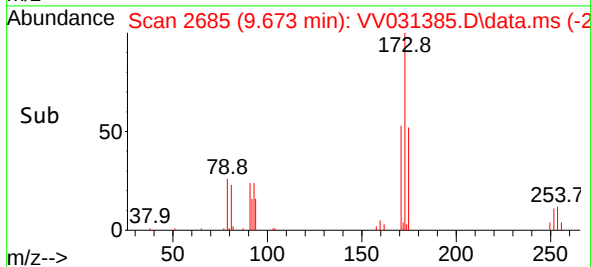
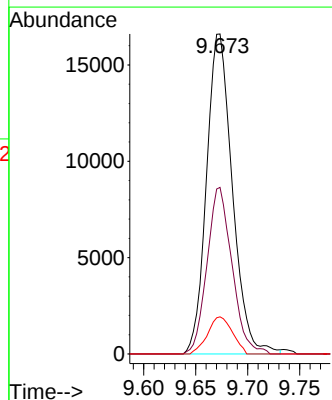
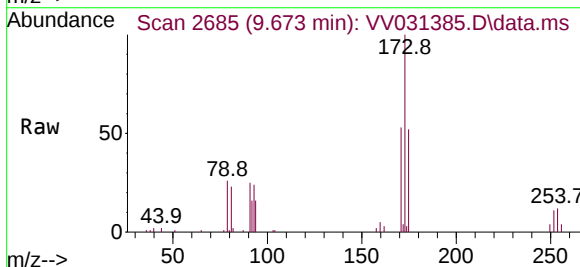
Tgt Ion: 173 Resp: 28716

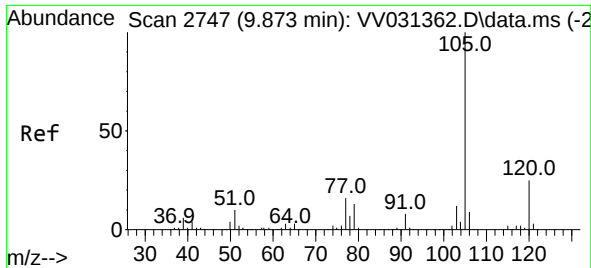
Ion Ratio Lower Upper

173 100

175 50.3 38.9 58.3

254 11.1 7.8 11.8

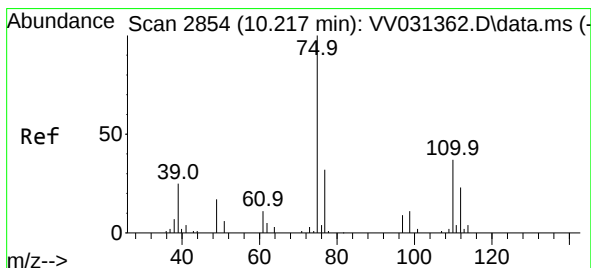
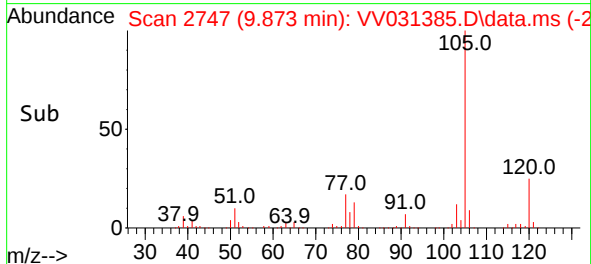
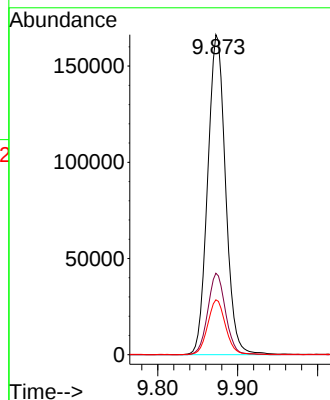
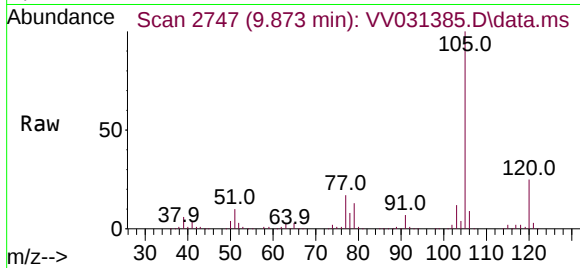




#60
Isopropylbenzene
Concen: 4.412 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

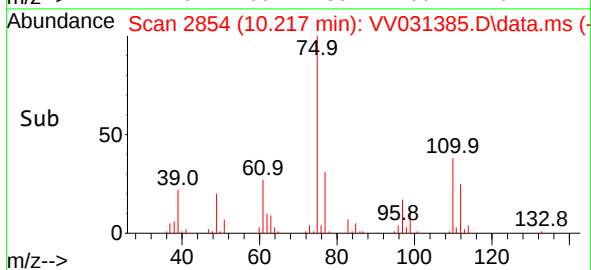
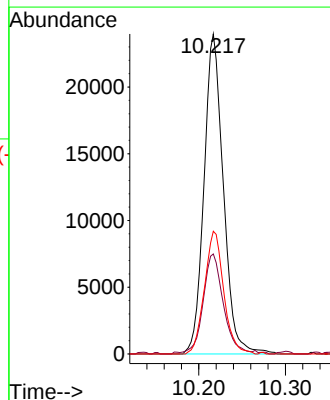
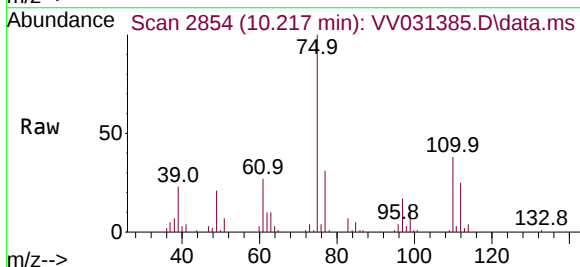
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

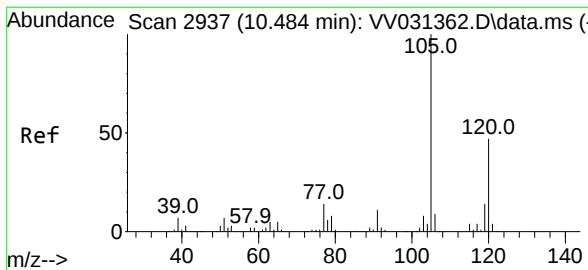
Tgt Ion:105 Resp: 258912
Ion Ratio Lower Upper
105 100
120 25.2 19.9 29.9
77 17.2 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 3.728 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion: 75 Resp: 37211
Ion Ratio Lower Upper
75 100
77 32.7 27.3 40.9
110 38.2 29.4 44.0

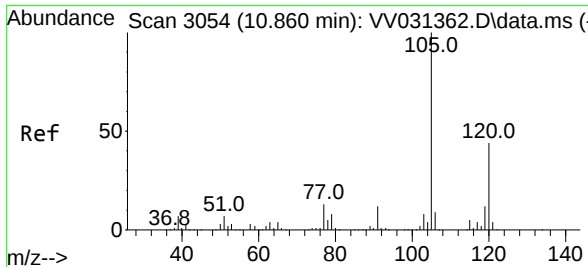
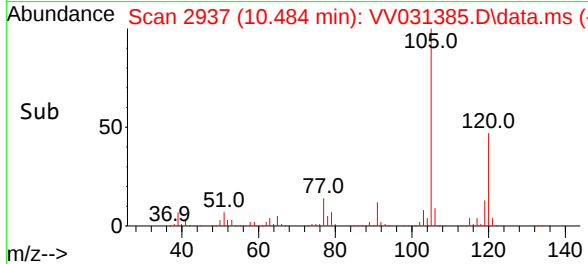
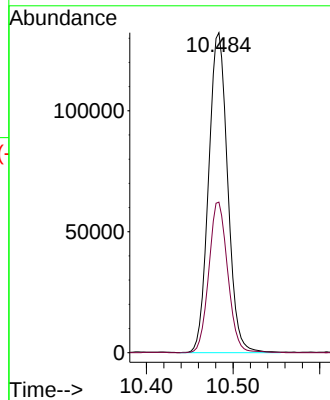
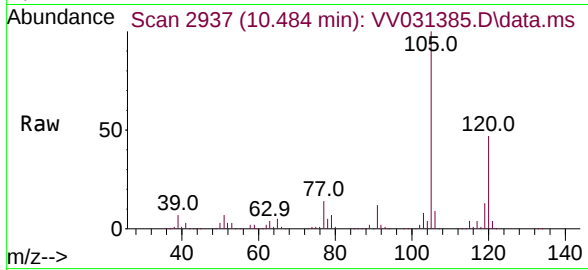




#62
 1,3,5-Trimethylbenzene
 Concen: 4.248 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV031385.D
 Acq: 06 Jun 2023 19:05

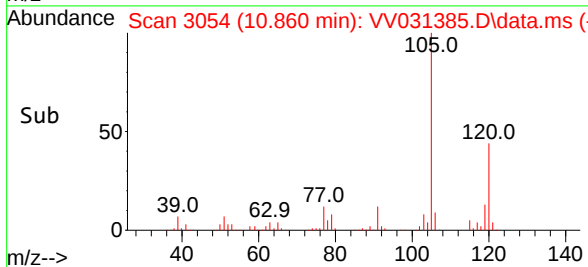
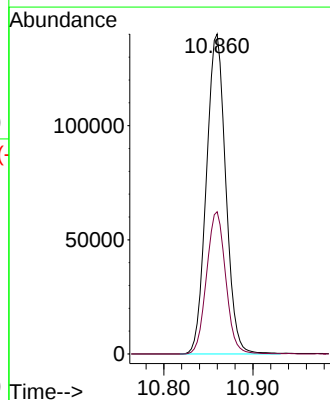
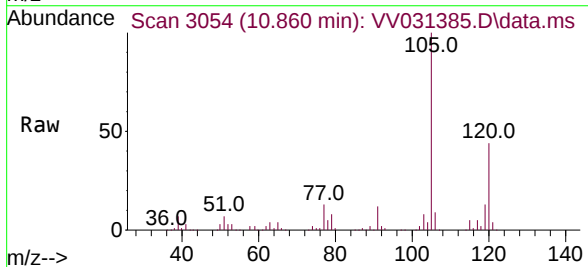
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

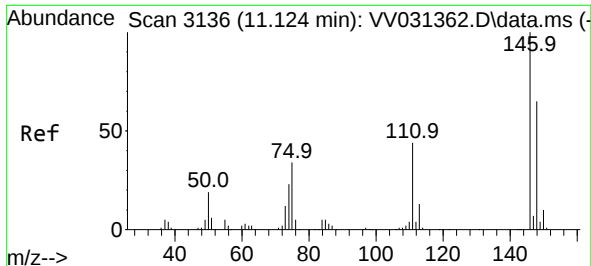
Tgt Ion:105 Resp: 202012
 Ion Ratio Lower Upper
 105 100
 120 46.7 35.9 53.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.307 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV031385.D
 Acq: 06 Jun 2023 19:05

Tgt Ion:105 Resp: 211420
 Ion Ratio Lower Upper
 105 100
 120 43.9 33.2 49.8

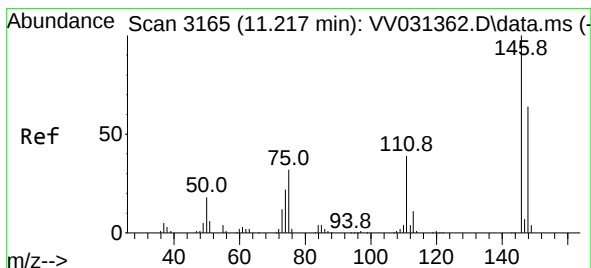
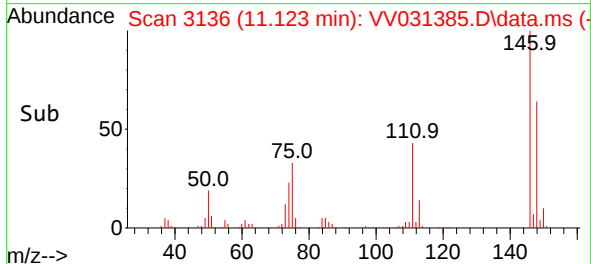
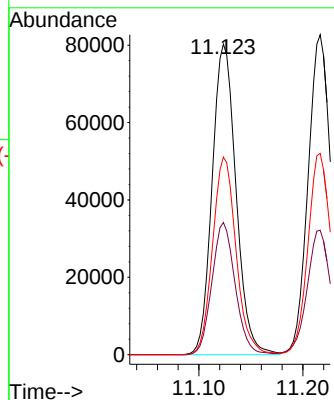
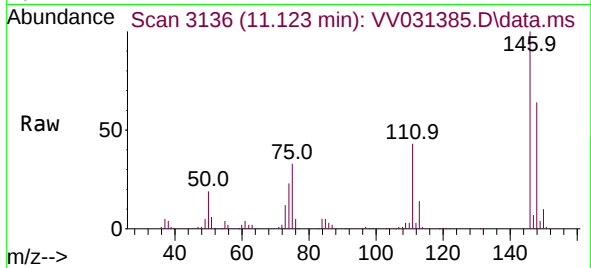




#64
1,3-Dichlorobenzene
Concen: 4.511 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

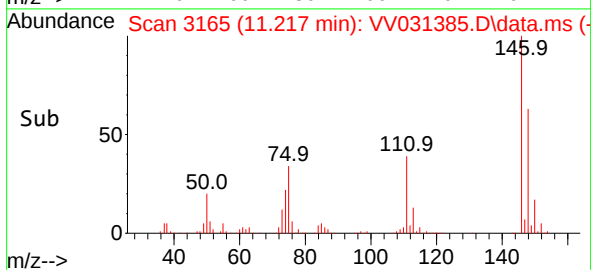
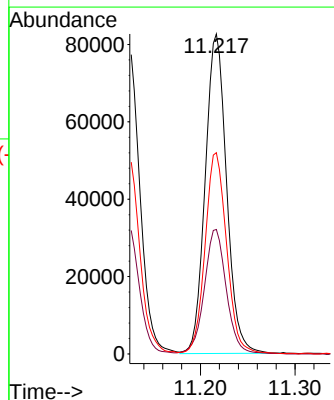
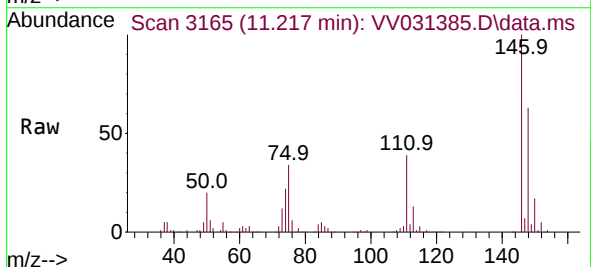
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

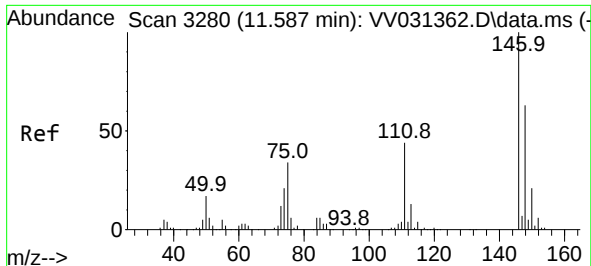
Tgt Ion:146 Resp: 128199
Ion Ratio Lower Upper
146 100
111 42.5 31.1 57.9
148 63.6 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.349 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion:146 Resp: 129465
Ion Ratio Lower Upper
146 100
111 38.9 28.4 52.8
148 62.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.241 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

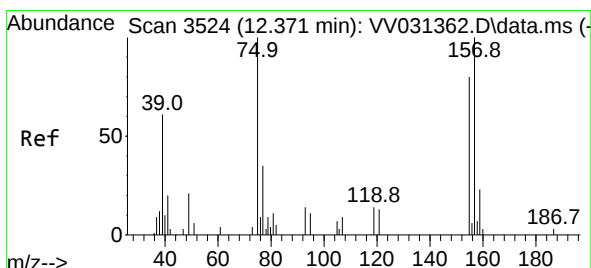
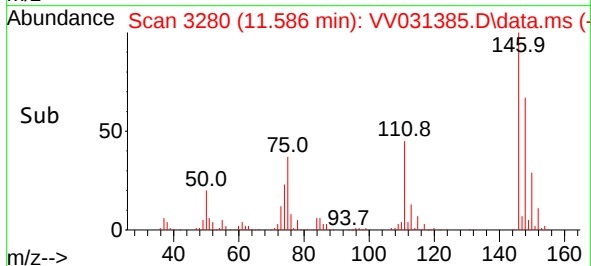
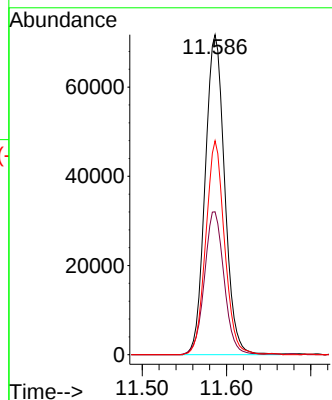
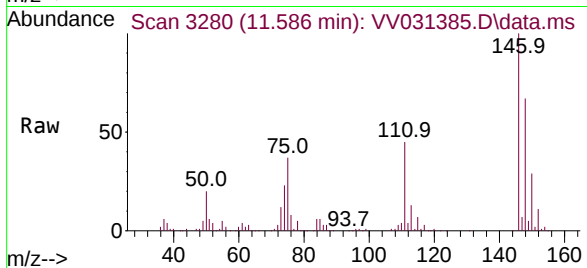
Tgt Ion:146 Resp: 115634

Ion Ratio Lower Upper

146 100

111 44.7 36.6 54.8

148 66.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.629 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

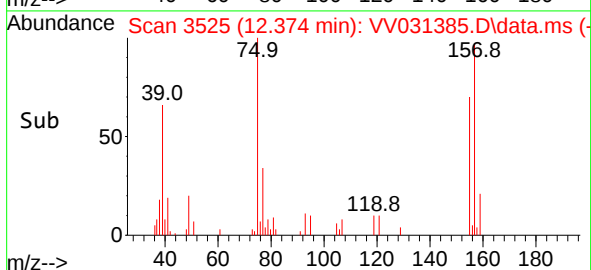
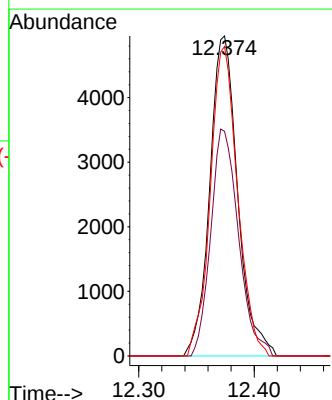
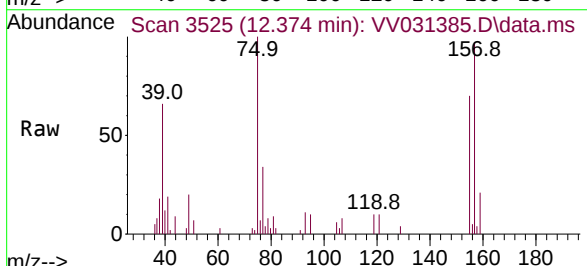
Tgt Ion: 75 Resp: 8308

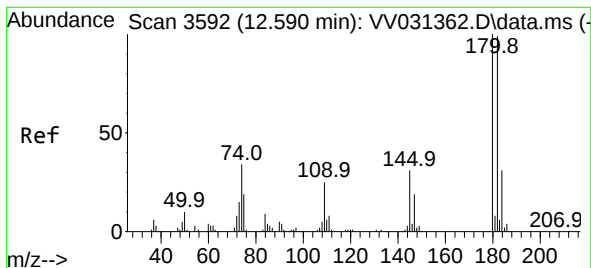
Ion Ratio Lower Upper

75 100

155 70.2 54.6 82.0

157 96.7 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 4.432 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

Tgt Ion:180 Resp: 93600

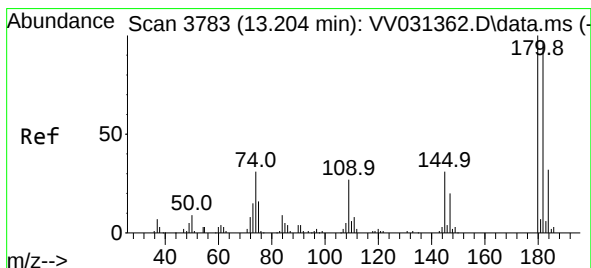
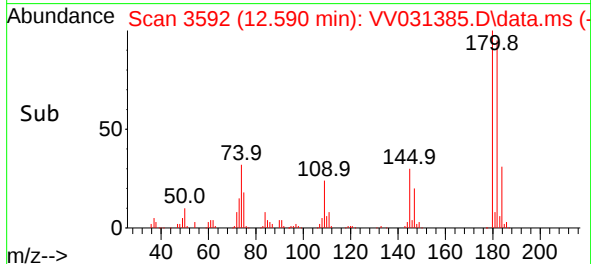
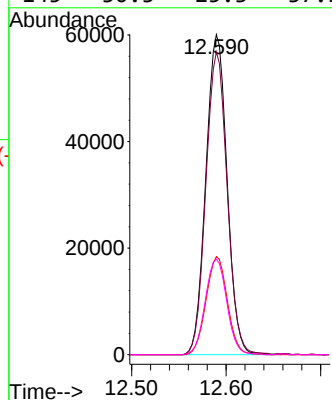
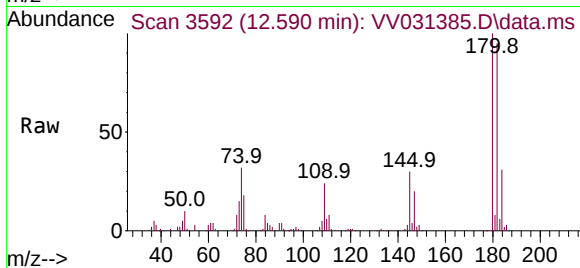
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

184 30.7 23.8 35.6

145 30.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 4.048 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. -0.000 min

Lab File: VV031385.D

Acq: 06 Jun 2023 19:05

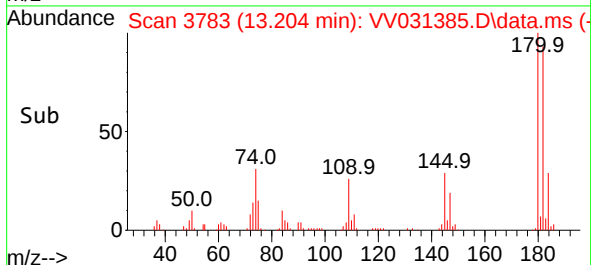
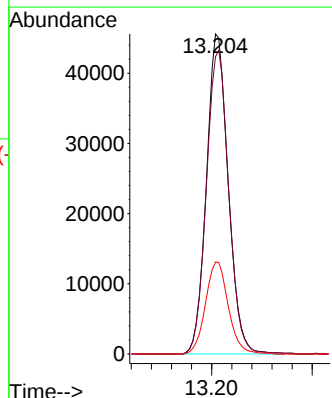
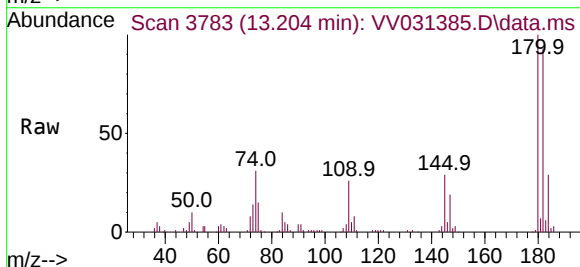
Tgt Ion:180 Resp: 68574

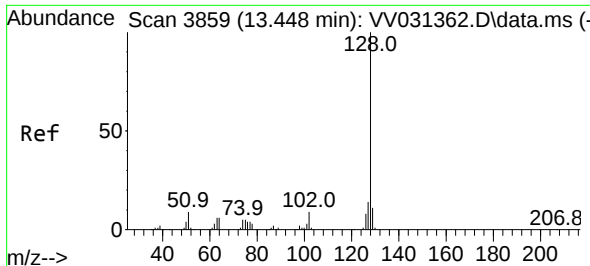
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

145 30.1 26.3 39.5

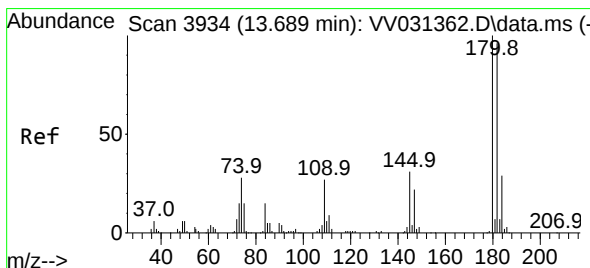
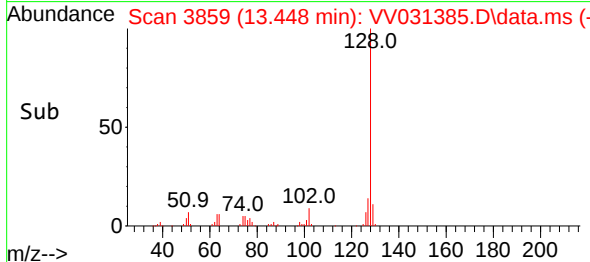
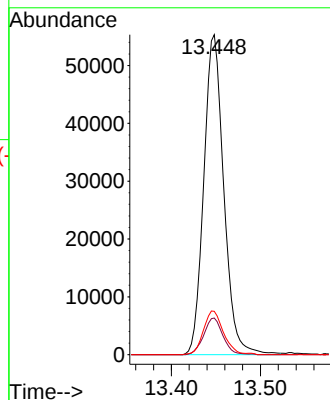
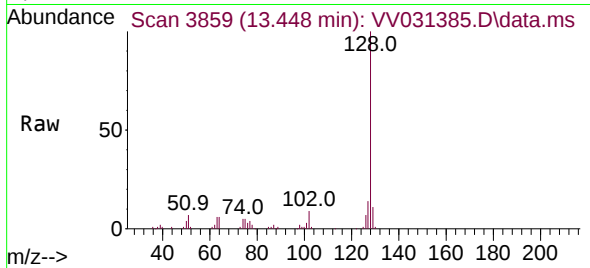




#71
Naphthalene
Concen: 3.322 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

Tgt Ion:	128	Resp:	86314
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.8	11.4	17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.015 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031385.D
Acq: 06 Jun 2023 19:05

Tgt Ion:	180	Resp:	60997
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.4	113.0
145	31.6	27.8	41.6

