

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025189.D
 Acq On : 25 Mar 2022 19:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Mar 25 23:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	186280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56909	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	47592	4.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.111	63	93688	3.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.899	46	107842	60.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.360%
24) Chloroform-d	4.349	84	110459	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	47976	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.053	84	218973	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.069	67	65388	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.317	98	197516	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	20718	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	94762	54.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44792	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	65608	4.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	50665	3.078	ug/L	98
3) Chloromethane	1.243	50	55592	3.581	ug/L	99
5) Vinyl chloride	1.310	62	59332	3.623	ug/L	99
6) Bromomethane	1.523	94	40312	3.809	ug/L	97
8) Chloroethane	1.587	64	39891	4.017	ug/L	100
9) Trichlorofluoromethane	1.754	101	75843	3.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41255	3.416	ug/L	98
12) 1,1-Dichloroethene	2.121	96	44013	3.709	ug/L	96
13) Acetone	2.191	43	70702	59.480	ug/L	78
14) Carbon disulfide	2.294	76	124629	2.935	ug/L	100
15) Methyl Acetate	2.445	43	18697	5.741	ug/L	98
16) Methylene chloride	2.510	84	64282	4.470	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	128653	4.977	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	53186	3.724	ug/L	96
19) 1,1-Dichloroethane	3.191	63	102299	4.209	ug/L	99
21) 2-Butanone	3.989	43	113754	60.633	ug/L	78
22) cis-1,2-Dichloroethene	3.915	96	61957	4.297	ug/L	98
23) Bromochloromethane	4.252	128	28336	4.985	ug/L	91
25) Chloroform	4.378	83	111801	4.418	ug/L	100

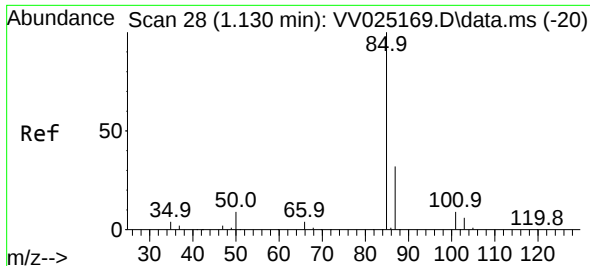
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 Data File : VW025189.D
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 ALS Vial : 23 Sample Multiplier: 1

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Quant Time: Mar 25 23:24:47 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	57511	4.570	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	83588	3.768	ug/L	100
30) Cyclohexane	4.680	56	58828	2.726	ug/L	96
31) Carbon tetrachloride	4.828	117	65508	3.442	ug/L	99
33) Benzene	5.101	78	222113	3.926	ug/L	100
34) Trichloroethene	5.915	95	55209	3.665	ug/L	99
35) Methylcyclohexane	6.130	83	67568	2.833	ug/L	99
37) 1,2-Dichloropropane	6.172	63	57383	4.413	ug/L	100
38) Bromodichloromethane	6.513	83	71439	4.345	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	70989	3.932	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	284302	53.140	ug/L	98
42) Toluene	7.387	91	221062	3.733	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	58579	4.124	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	43229	4.978	ug/L	97
47) Tetrachloroethene	7.976	164	36365	3.431	ug/L	99
48) 2-Hexanone	8.140	43	201820	53.210	ug/L	96
49) Dibromochloromethane	8.246	129	43332	4.458	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38902	4.895	ug/L #	100
51) Chlorobenzene	8.879	112	142044	3.831	ug/L	99
52) Ethylbenzene	9.011	91	215342	3.438	ug/L	99
53) m,p-Xylene	9.140	106	83870	3.477	ug/L	96
54) o-Xylene	9.542	106	84644	3.670	ug/L	99
55) Styrene	9.561	104	146988	3.913	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	46354	5.445	ug/L	98
59) Bromoform	9.731	173	18153	4.040	ug/L	97
60) Isopropylbenzene	9.931	105	210079	3.339	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34771	4.956	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	94524	3.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	171777	3.397	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	104293	3.821	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	103151	3.749	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	97123	4.016	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5982	4.974	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	71220	3.695	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56476	3.760	ug/L	97
71) Naphthalene	13.503	128	104916	4.207	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	52939	4.160	ug/L	99

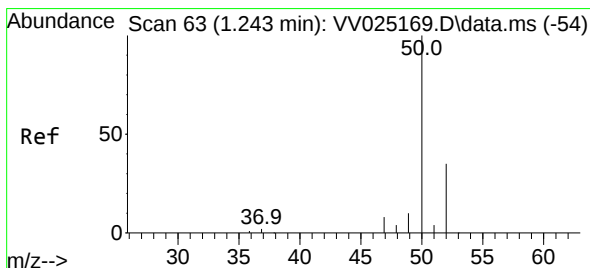
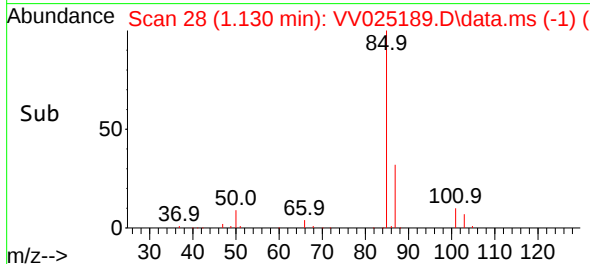
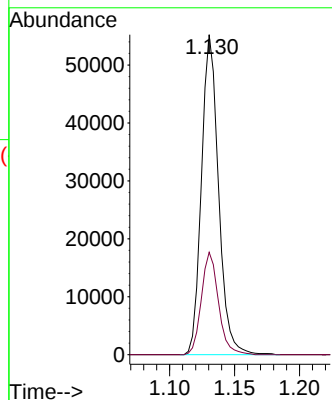
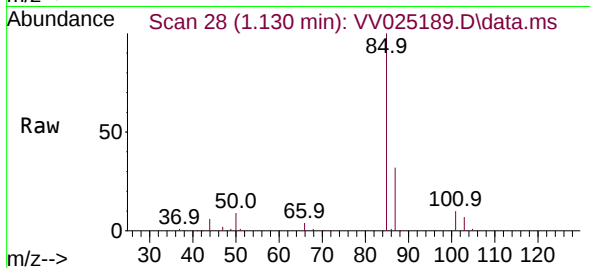
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#2
 Dichlorodifluoromethane
 Concen: 3.078 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

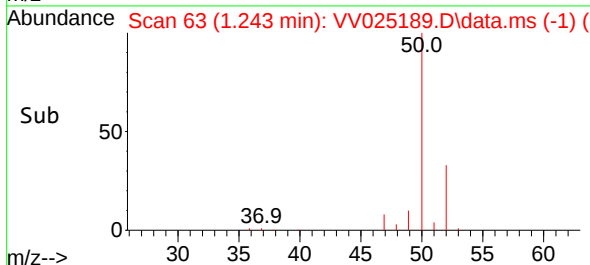
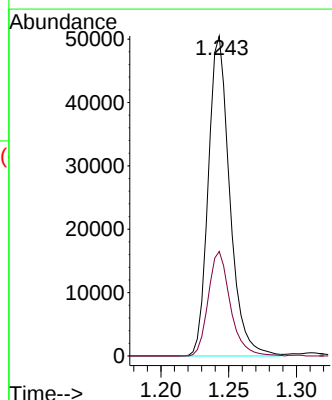
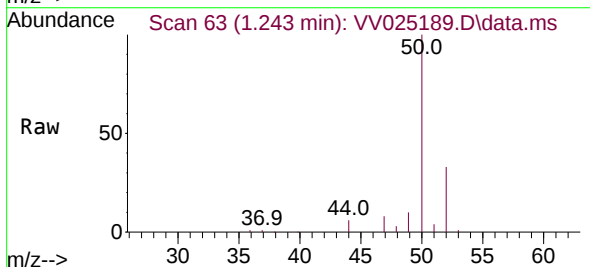
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

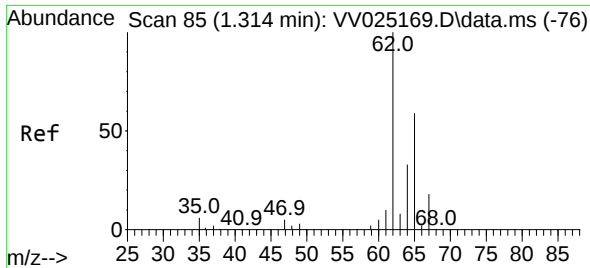
Tgt Ion: 85 Resp: 50665
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.7 40.1



#3
 Chloromethane
 Concen: 3.581 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

Tgt Ion: 50 Resp: 55592
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

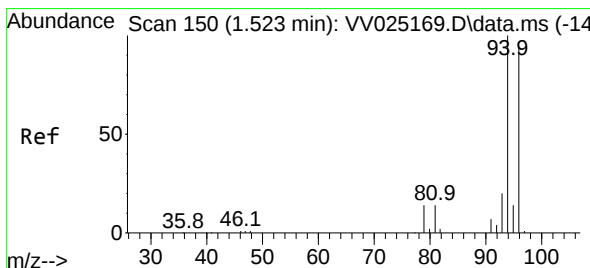
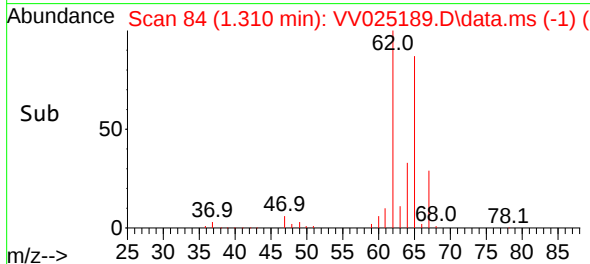
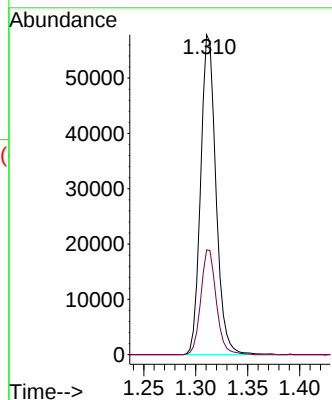
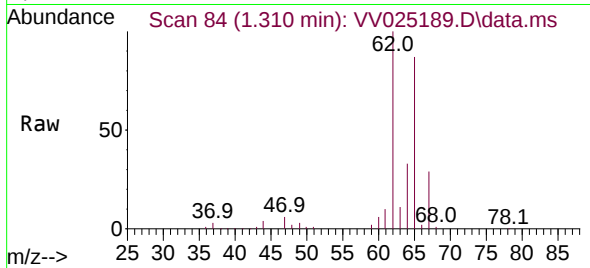




#5
 Vinyl chloride
 Concen: 3.623 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

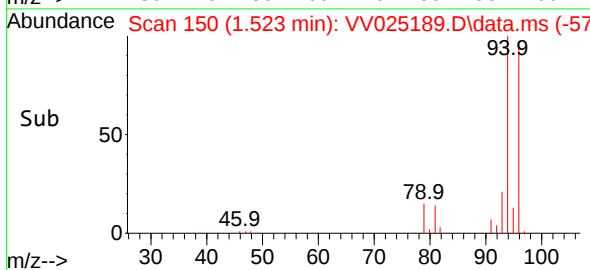
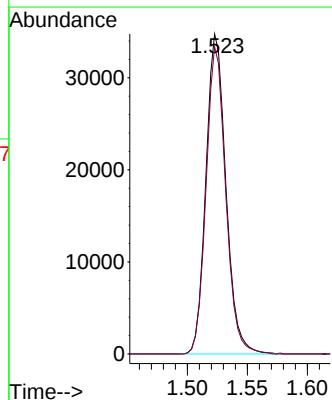
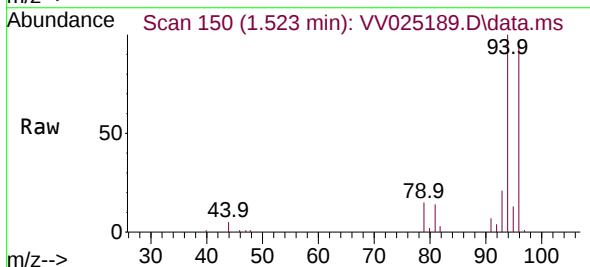
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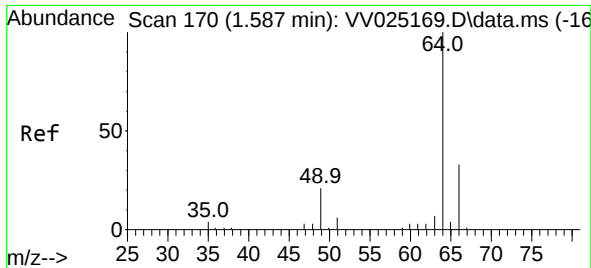
Tgt Ion: 62 Resp: 59332
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 3.809 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

Tgt Ion: 94 Resp: 40312
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.9 120.5

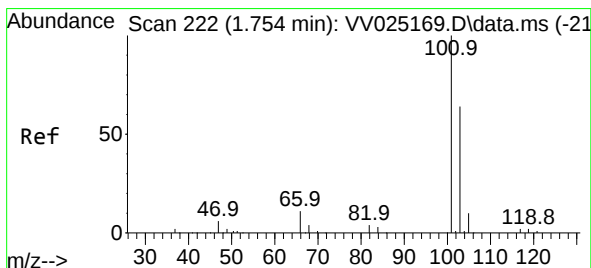
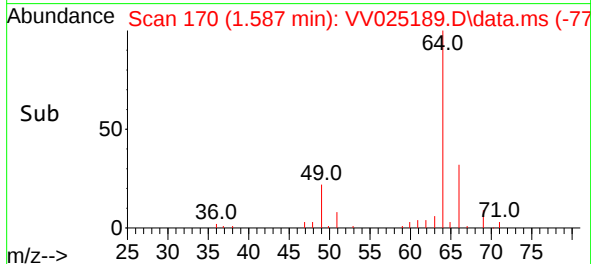
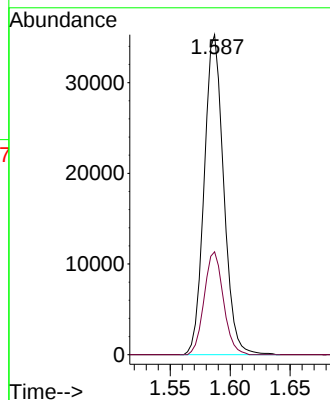
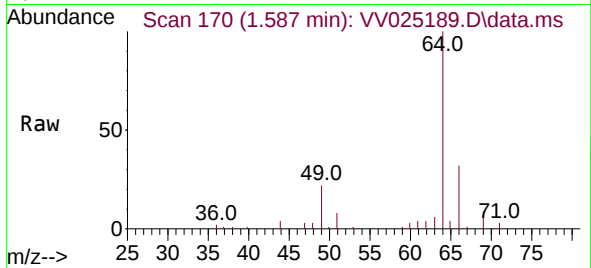




#8
Chloroethane
Concen: 4.017 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

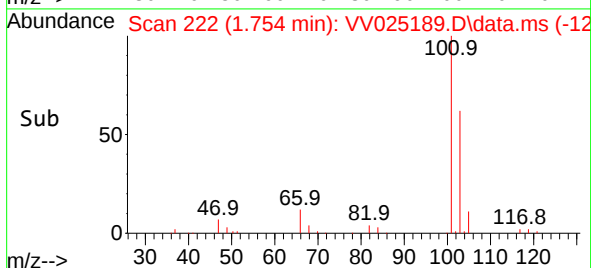
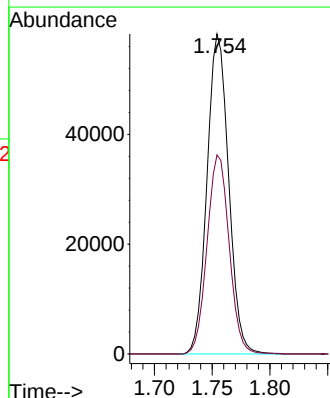
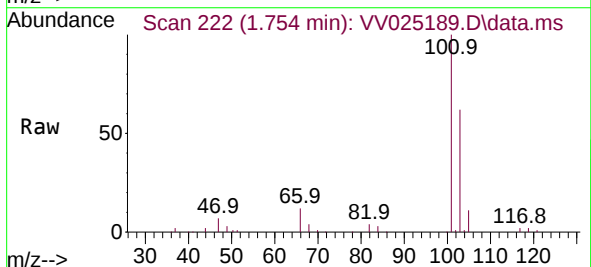
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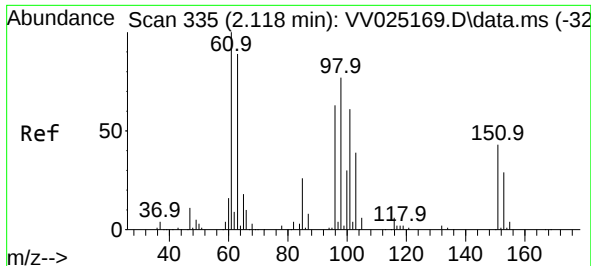
Tgt Ion: 64 Resp: 39891
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 3.405 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion:101 Resp: 75843
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

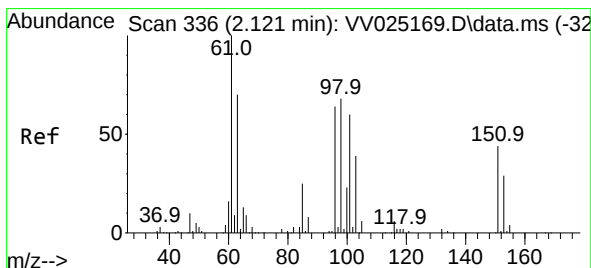
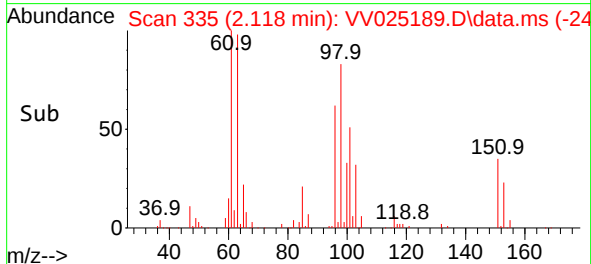
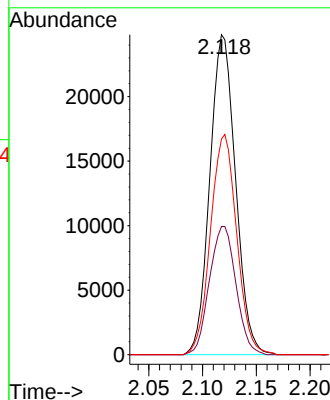
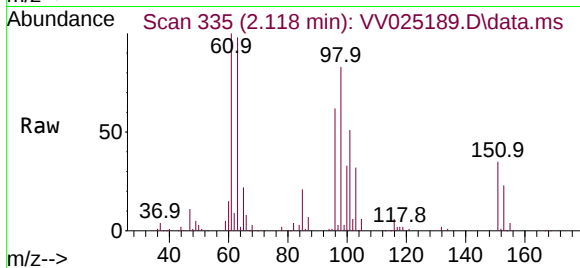




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.416 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

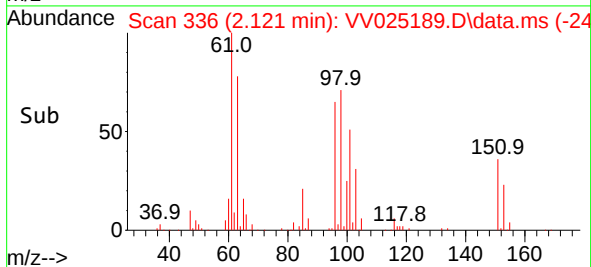
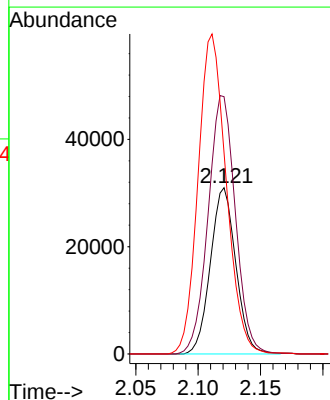
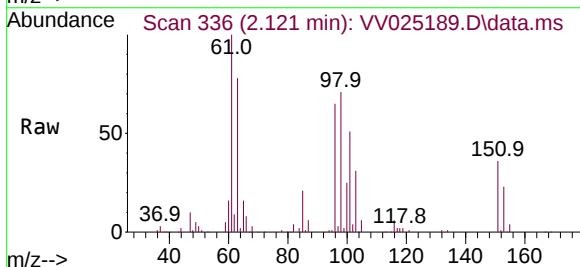
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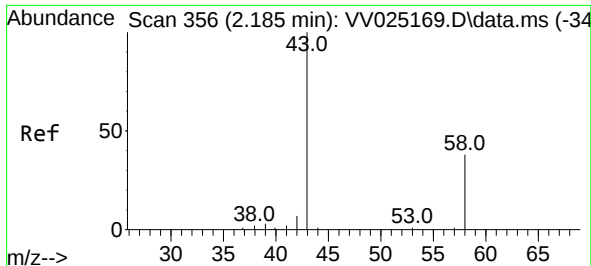
Tgt Ion:	101	Resp:	41255
Ion	Ratio	Lower	Upper
101	100		
85	41.3	34.8	52.2
151	70.3	55.6	83.4



#12
 1,1-Dichloroethene
 Concen: 3.709 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

Tgt Ion:	96	Resp:	44013
Ion	Ratio	Lower	Upper
96	100		
61	154.8	113.0	209.9
63	121.1	82.1	152.5





#13

Acetone

Concen: 59.480 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

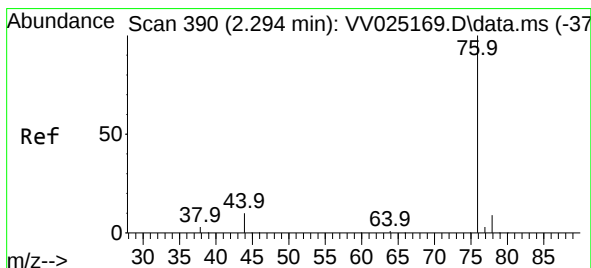
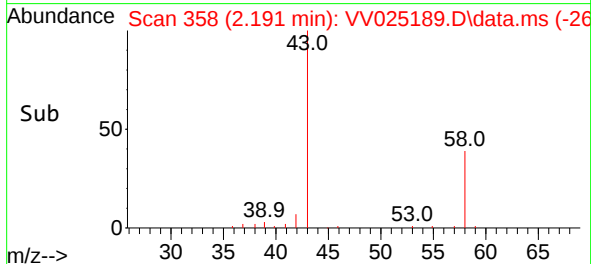
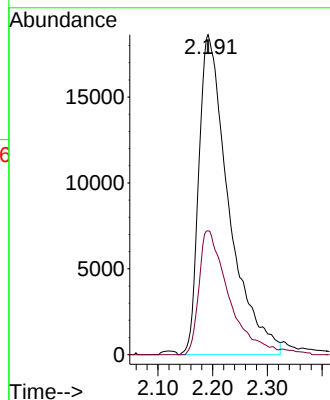
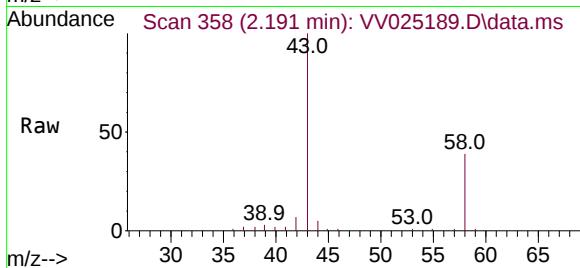
VSTD005349

Tgt Ion: 43 Resp: 70702

Ion Ratio Lower Upper

43 100

58 38.6 0.0 54.2



#14

Carbon disulfide

Concen: 2.935 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV025189.D

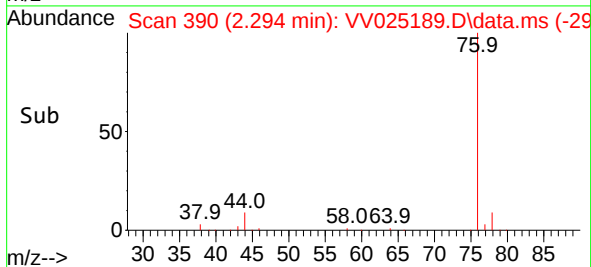
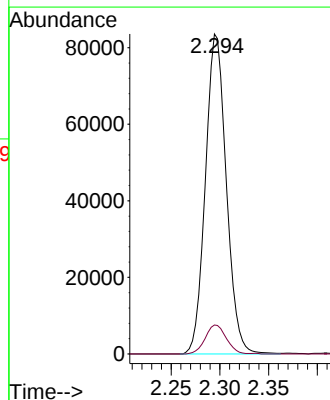
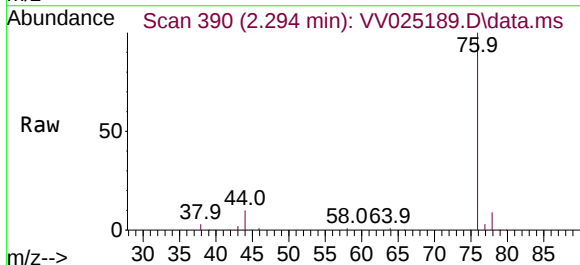
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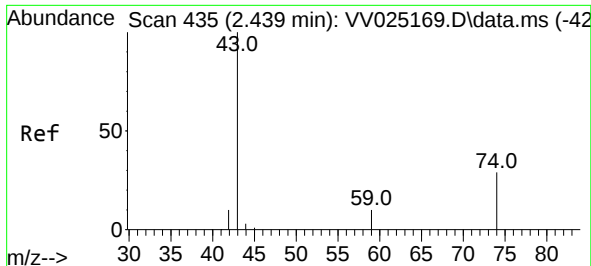
Tgt Ion: 76 Resp: 124629

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

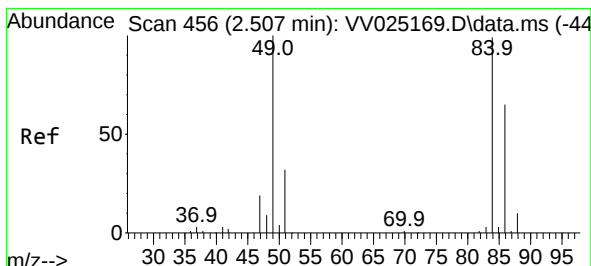
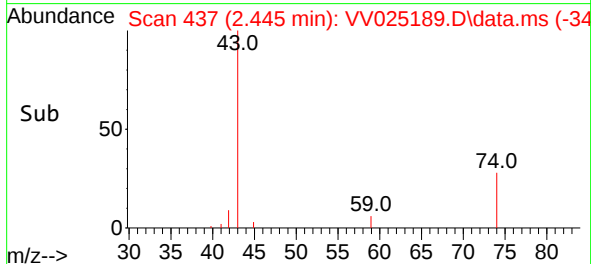
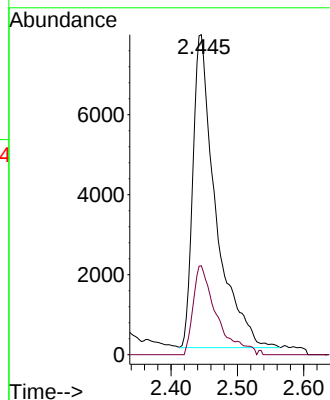
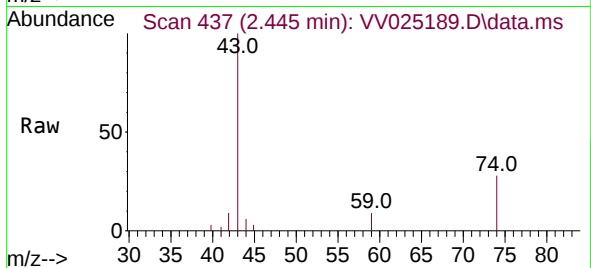




#15
Methyl Acetate
Concen: 5.741 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

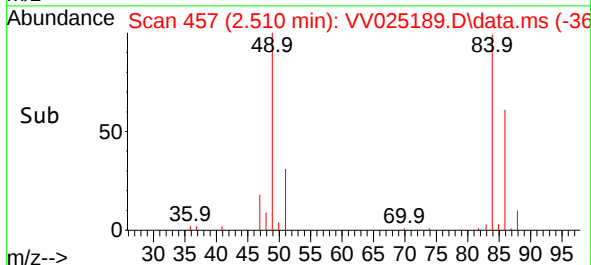
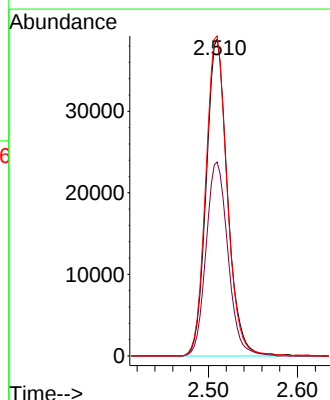
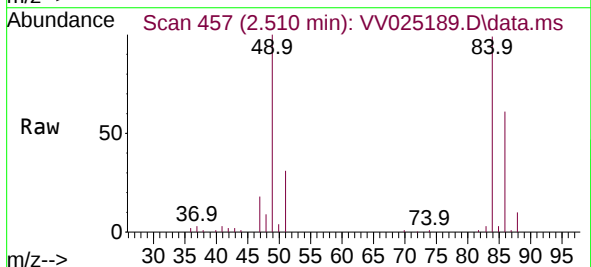
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

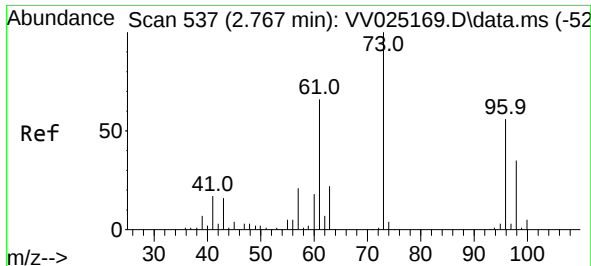
Tgt Ion: 43 Resp: 18697
Ion Ratio Lower Upper
43 100
74 29.0 24.2 36.4



#16
Methylene chloride
Concen: 4.470 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 84 Resp: 64282
Ion Ratio Lower Upper
84 100
86 61.2 45.5 84.5
49 101.0 75.0 139.2





#17

Methyl tert-butyl Ether

Concen: 4.977 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

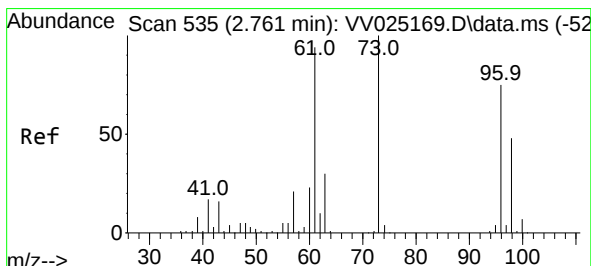
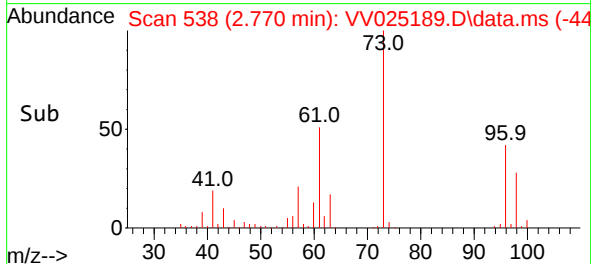
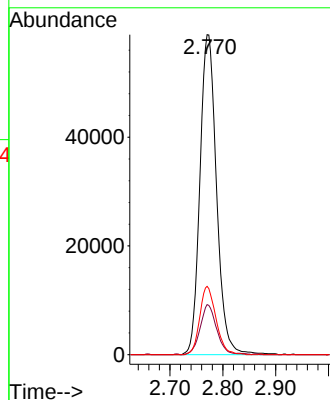
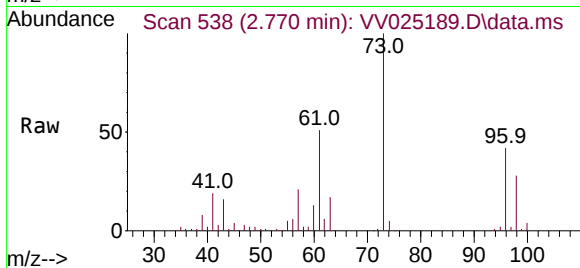
Tgt Ion: 73 Resp: 128653

Ion Ratio Lower Upper

73 100

43 15.4 13.2 19.8

57 20.9 16.7 25.1



#18

trans-1,2-Dichloroethene

Concen: 3.724 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

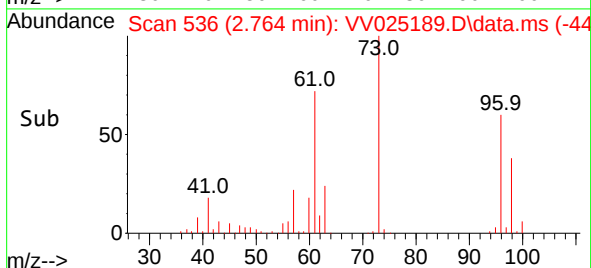
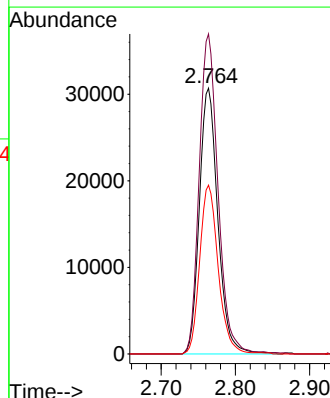
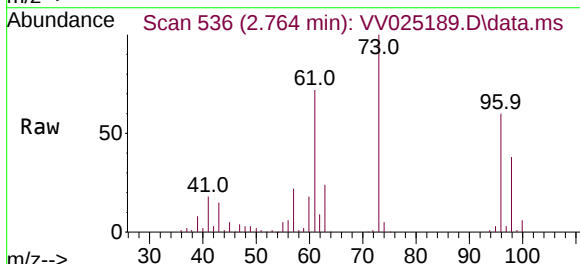
Tgt Ion: 96 Resp: 53186

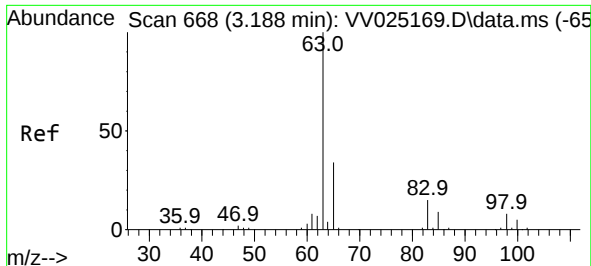
Ion Ratio Lower Upper

96 100

61 120.4 89.2 165.6

98 63.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.209 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

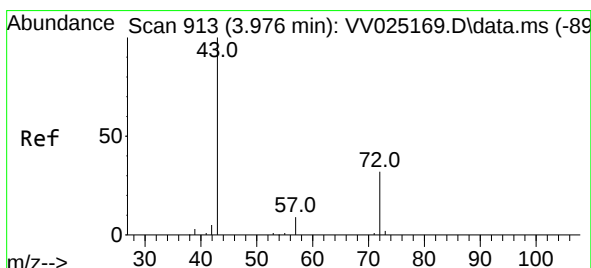
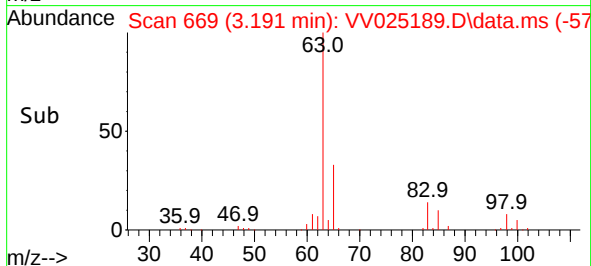
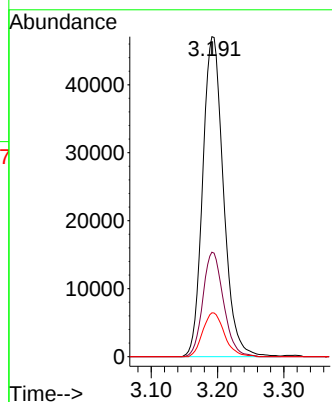
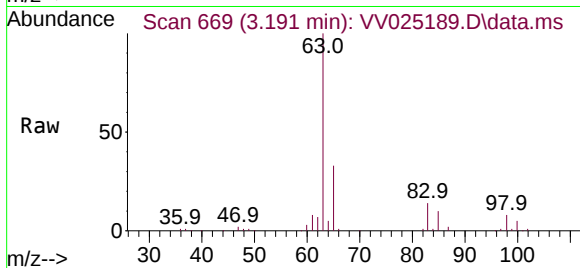
Tgt Ion: 63 Resp: 102299

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 13.7 9.4 17.4



#21

2-Butanone

Concen: 60.633 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.013 min

Lab File: VV025189.D

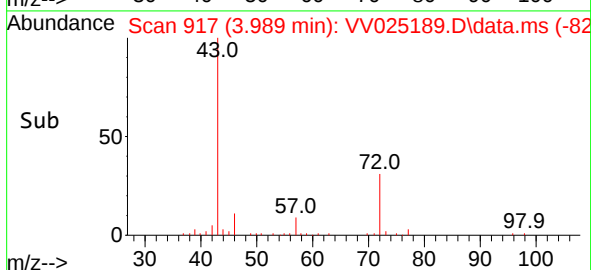
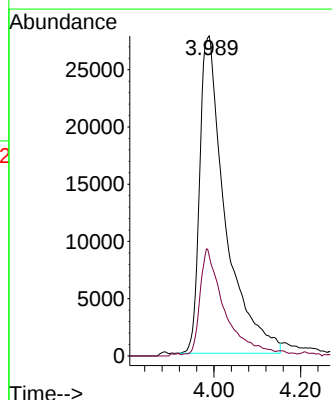
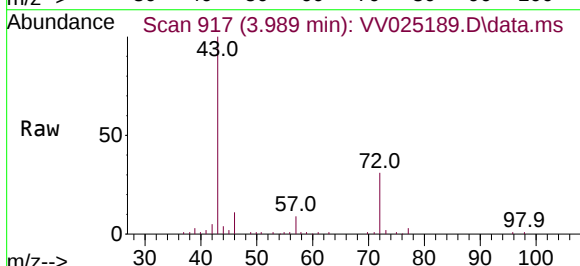
Acq: 25 Mar 2022 19:37

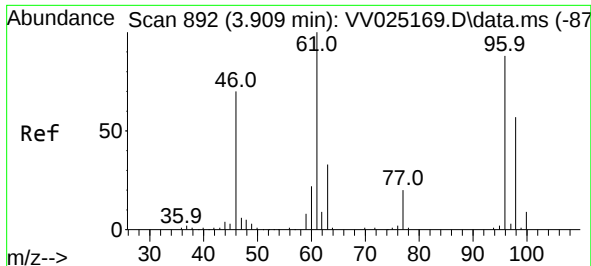
Tgt Ion: 43 Resp: 113754

Ion Ratio Lower Upper

43 100

72 31.1 10.4 31.2

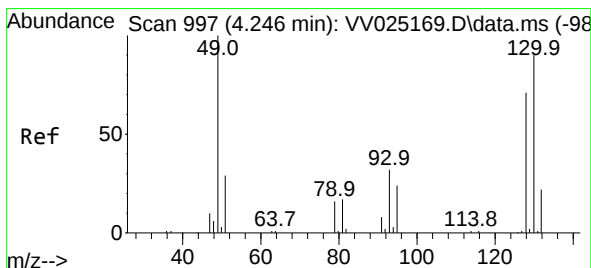
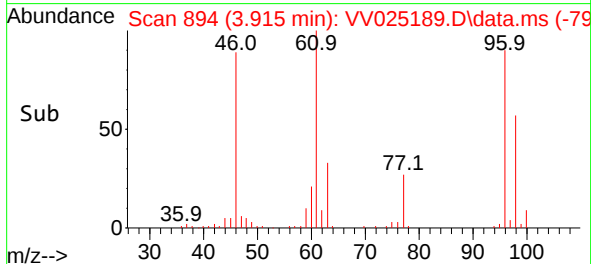
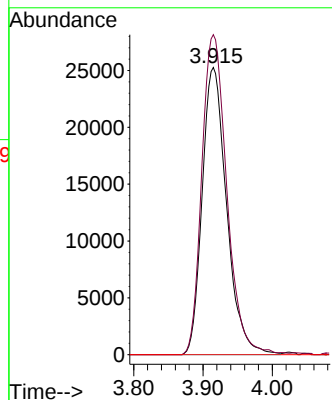
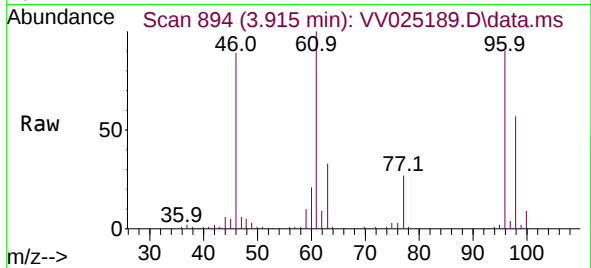




#22
 cis-1,2-Dichloroethene
 Concen: 4.297 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

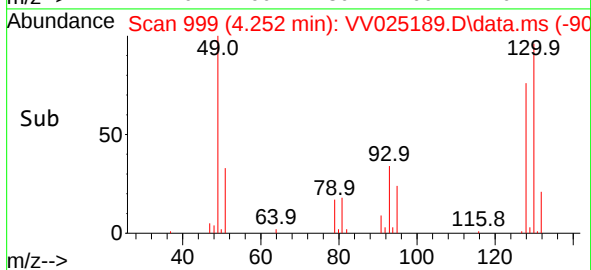
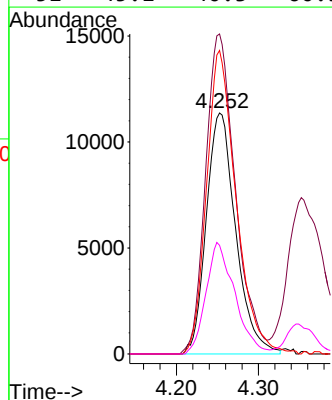
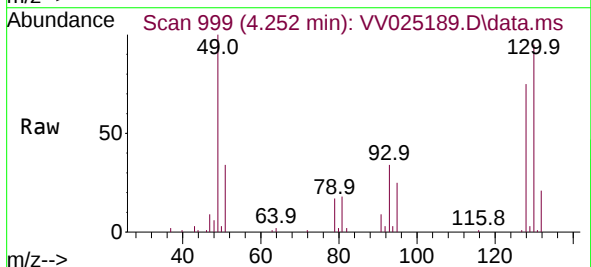
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

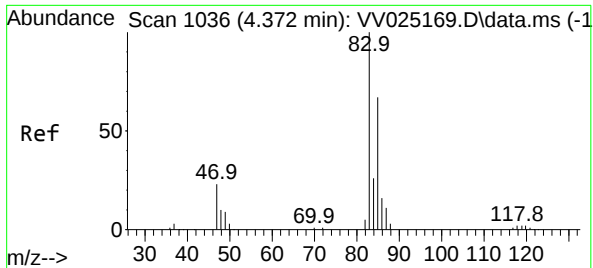
Tgt Ion: 96 Resp: 61957
 Ion Ratio Lower Upper
 96 100
 61 111.4 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.985 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

Tgt Ion: 128 Resp: 28336
 Ion Ratio Lower Upper
 128 100
 49 132.8 107.5 199.7
 130 126.0 89.4 166.0
 51 45.1 40.3 60.5





#25

Chloroform

Concen: 4.418 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

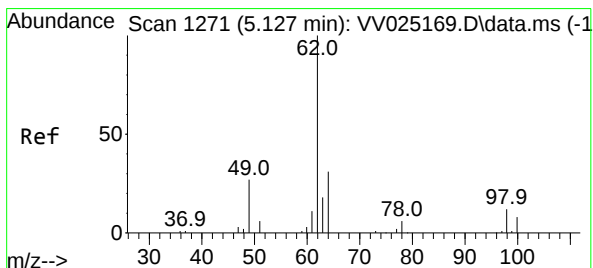
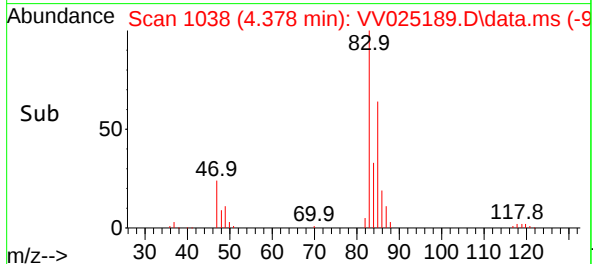
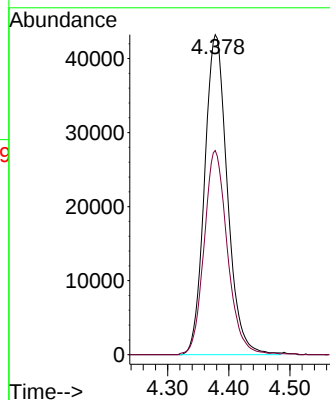
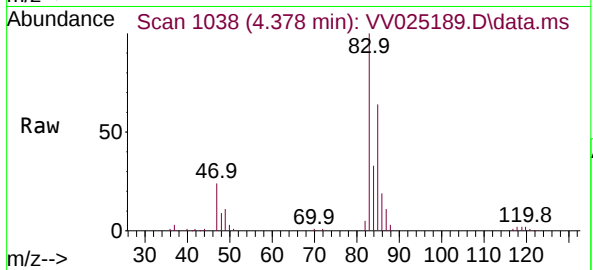
VSTD005349

Tgt Ion: 83 Resp: 111801

Ion Ratio Lower Upper

83 100

85 63.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.570 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025189.D

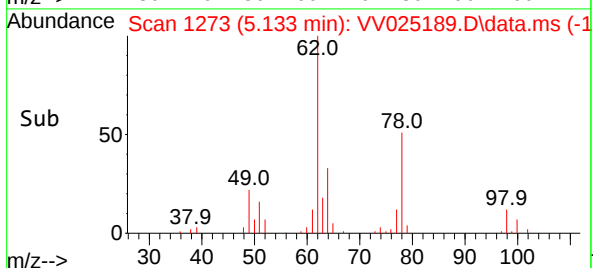
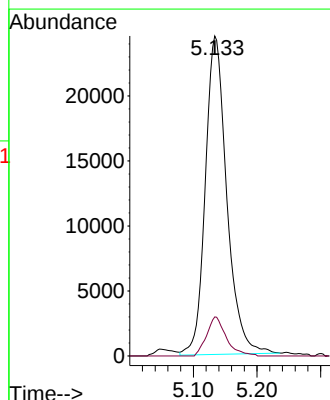
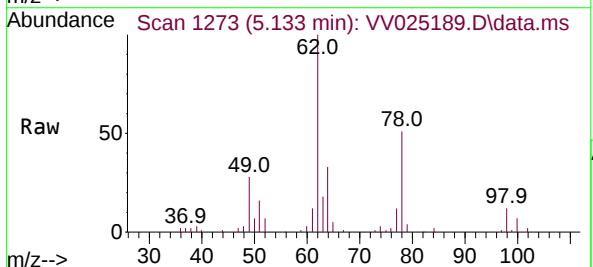
Acq: 25 Mar 2022 19:37

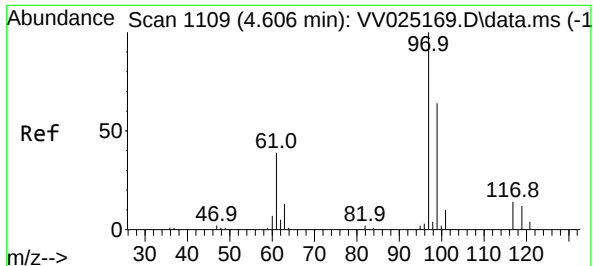
Tgt Ion: 62 Resp: 57511

Ion Ratio Lower Upper

62 100

98 12.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 3.768 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

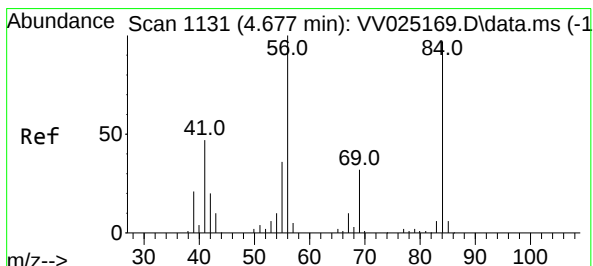
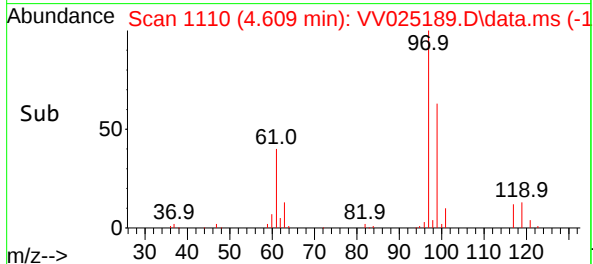
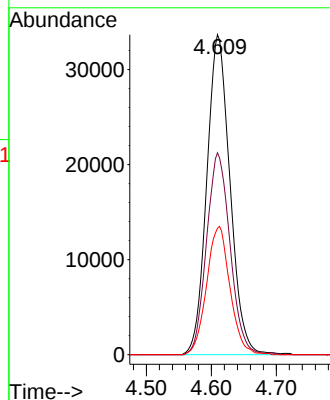
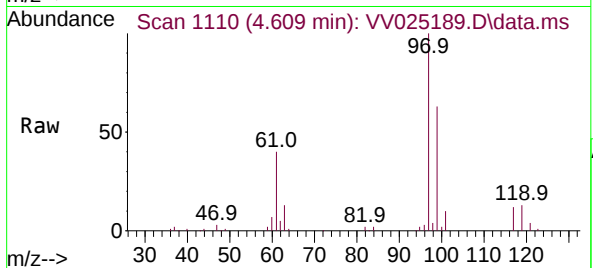
Tgt Ion: 97 Resp: 83588

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 40.5 32.4 48.6



#30

Cyclohexane

Concen: 2.726 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

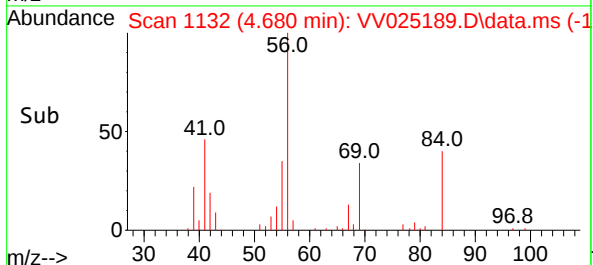
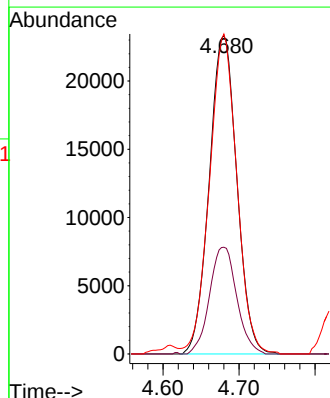
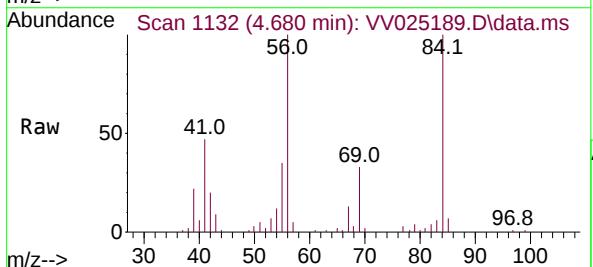
Tgt Ion: 56 Resp: 58828

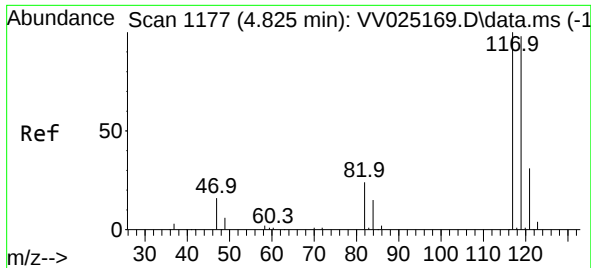
Ion Ratio Lower Upper

56 100

69 33.0 24.9 37.3

84 99.5 75.9 113.9

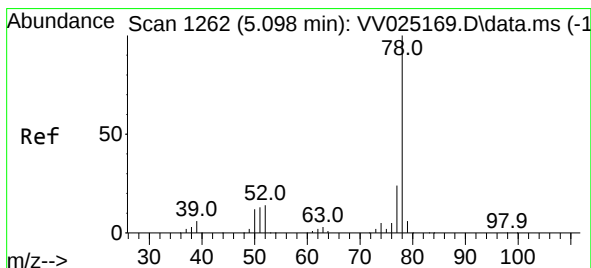
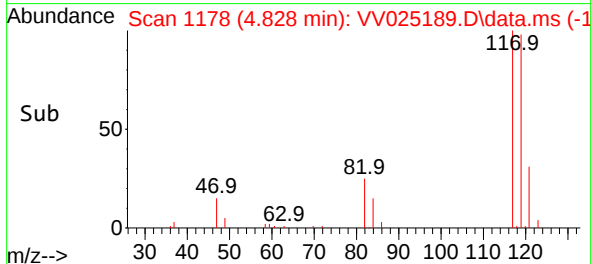
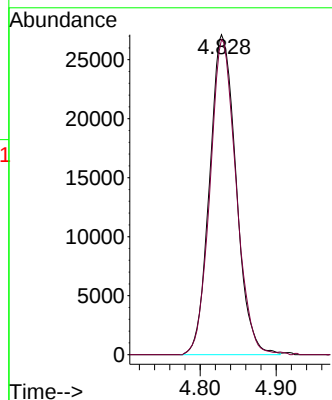
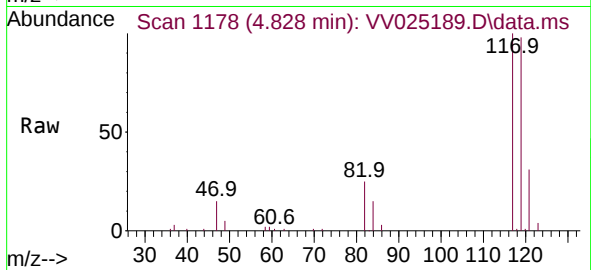




#31
Carbon tetrachloride
Concen: 3.442 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

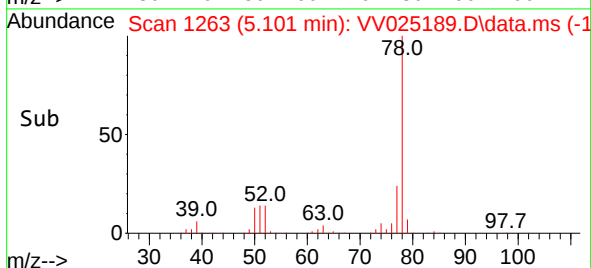
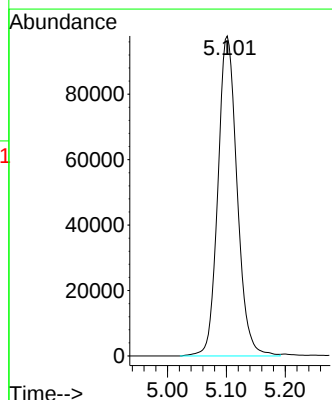
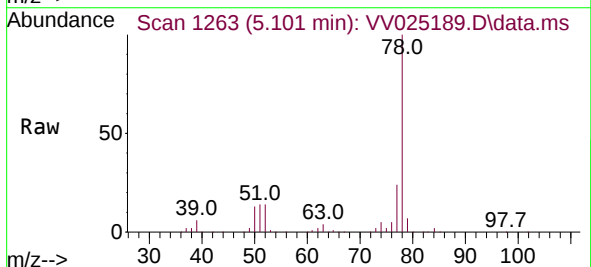
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

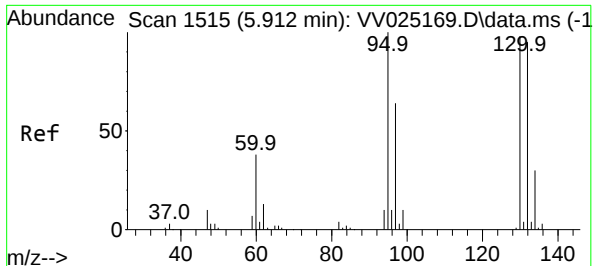
Tgt Ion:117 Resp: 65508
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 3.926 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 78 Resp: 222113





#34

Trichloroethene

Concen: 3.665 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

Tgt Ion: 95 Resp: 55209

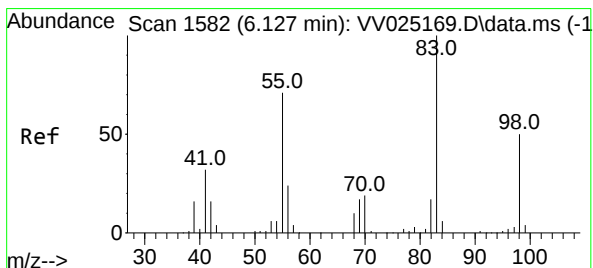
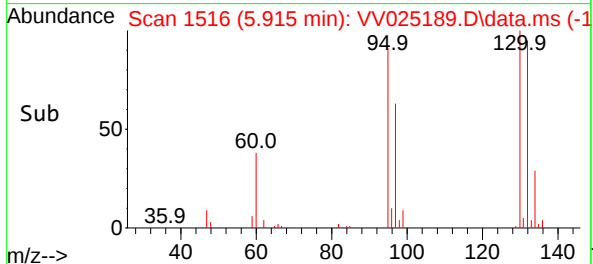
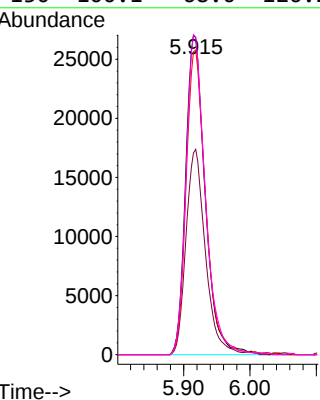
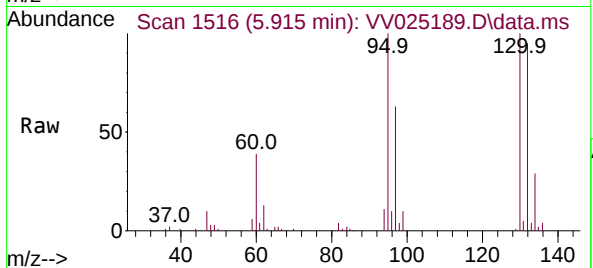
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 94.7 66.5 123.5

130 100.1 68.0 126.2



#35

Methylcyclohexane

Concen: 2.833 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

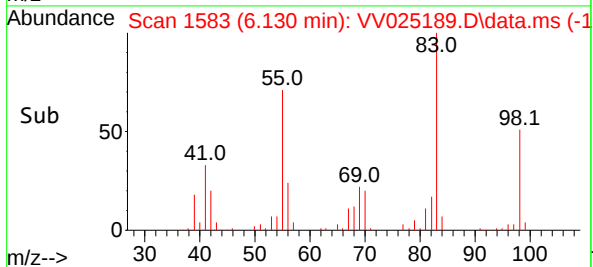
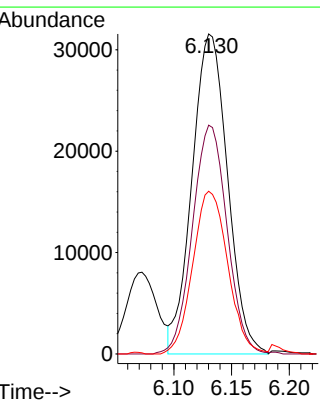
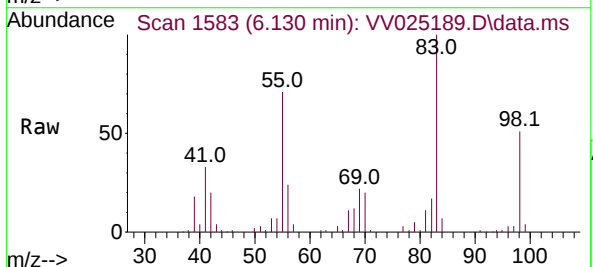
Tgt Ion: 83 Resp: 67568

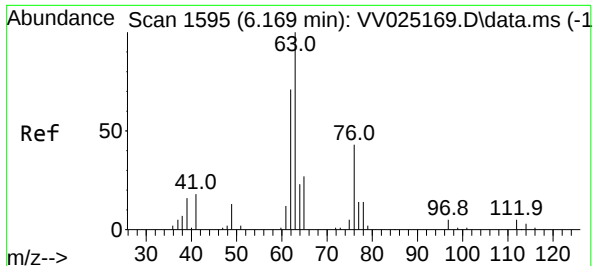
Ion Ratio Lower Upper

83 100

55 69.4 55.4 83.0

98 50.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.413 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

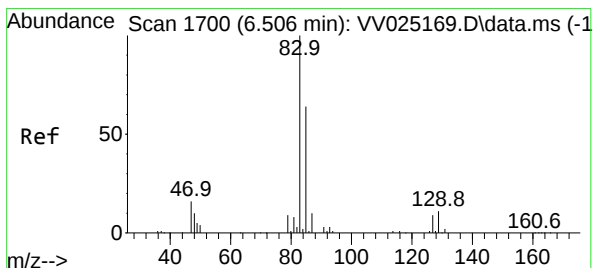
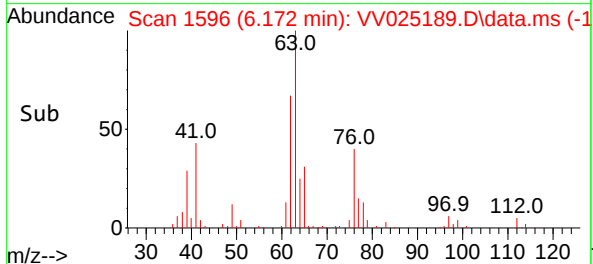
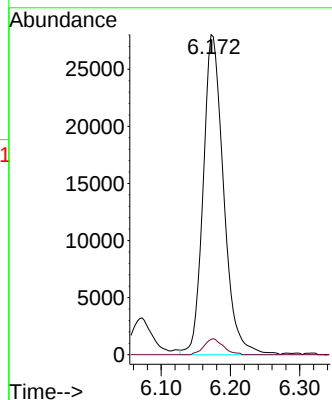
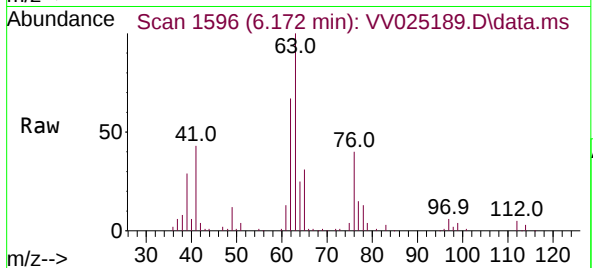
VSTD005349

Tgt Ion: 63 Resp: 57383

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.345 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

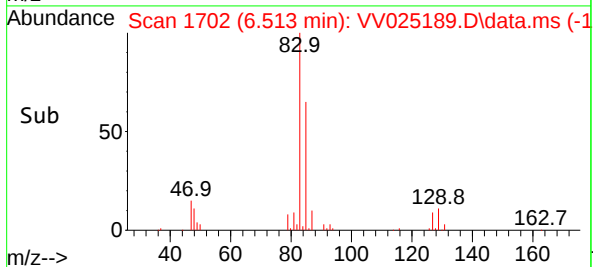
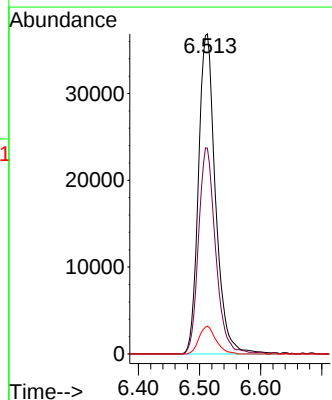
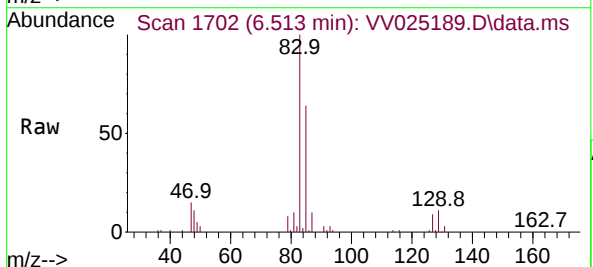
Tgt Ion: 83 Resp: 71439

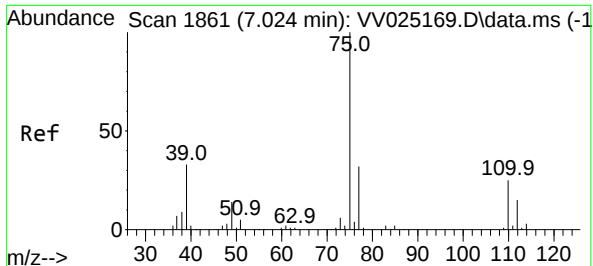
Ion Ratio Lower Upper

83 100

85 64.3 44.8 83.2

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 3.932 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

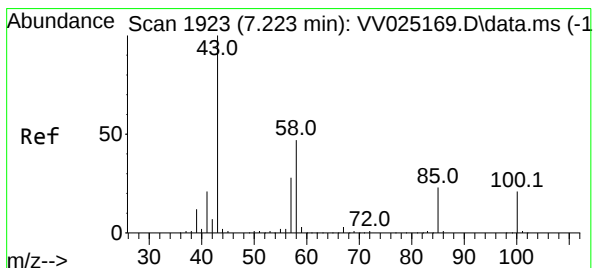
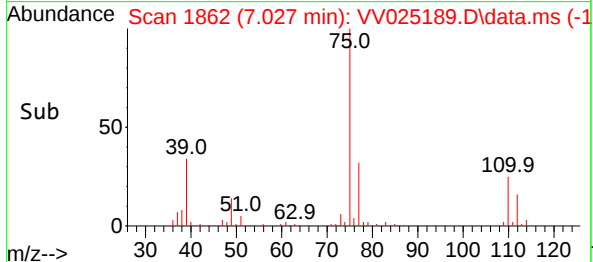
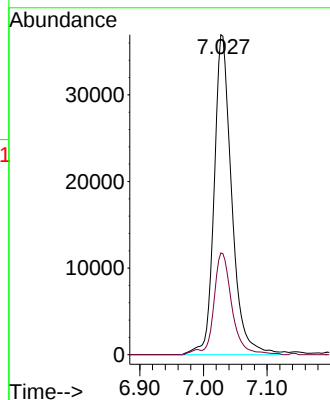
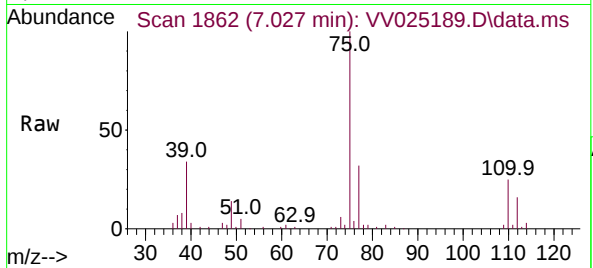
VSTD005349

Tgt Ion: 75 Resp: 70989

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 53.140 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

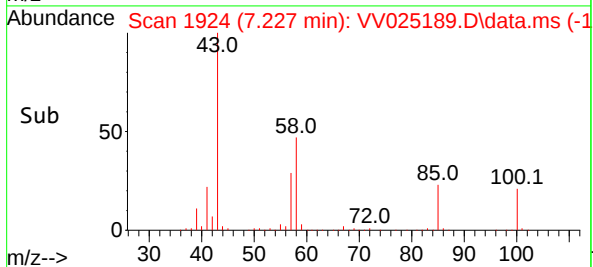
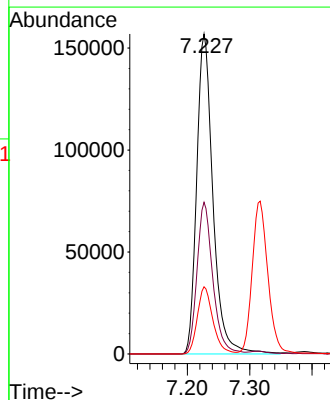
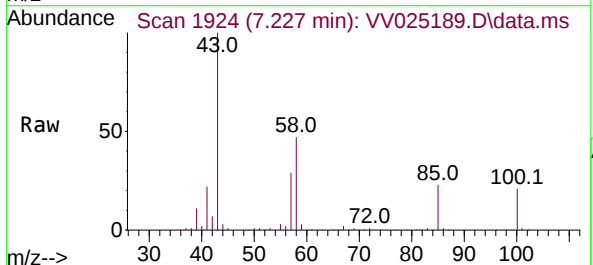
Tgt Ion: 43 Resp: 284302

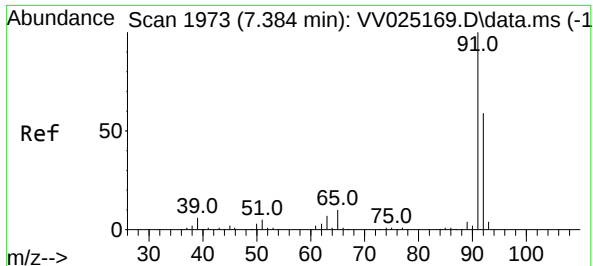
Ion Ratio Lower Upper

43 100

58 46.1 36.6 55.0

100 20.1 13.8 20.8





#42

Toluene

Concen: 3.733 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

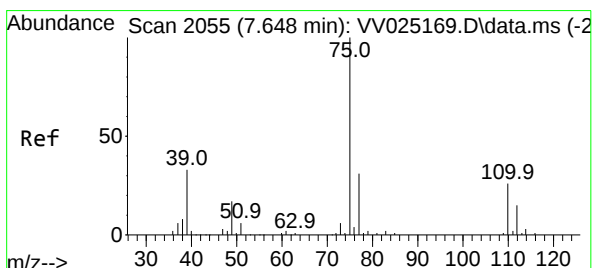
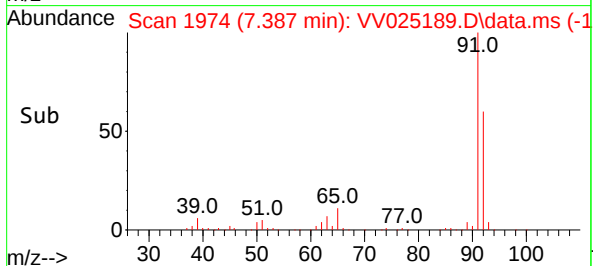
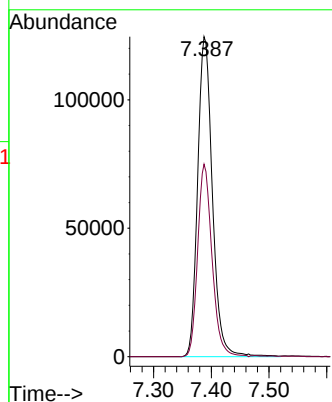
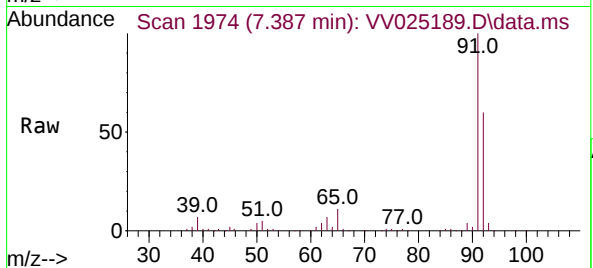
VSTD005349

Tgt Ion: 91 Resp: 221062

Ion Ratio Lower Upper

91 100

92 60.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.124 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025189.D

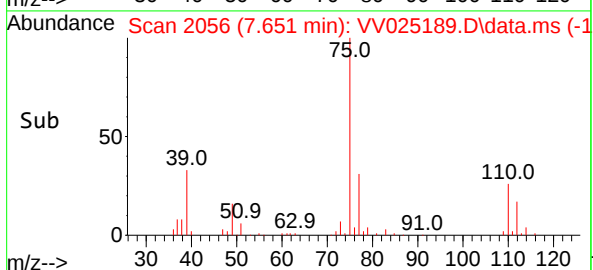
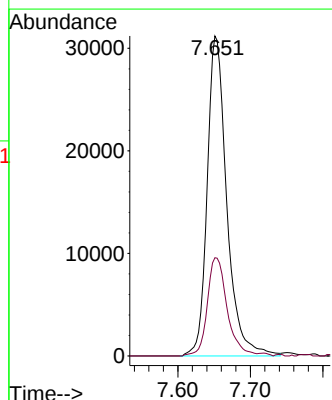
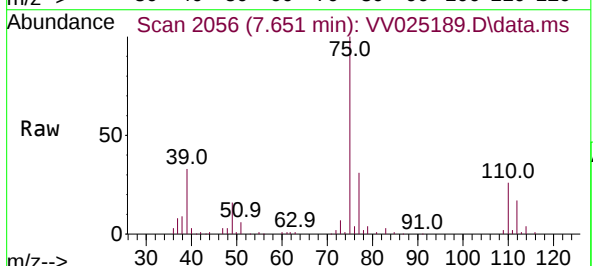
Acq: 25 Mar 2022 19:37

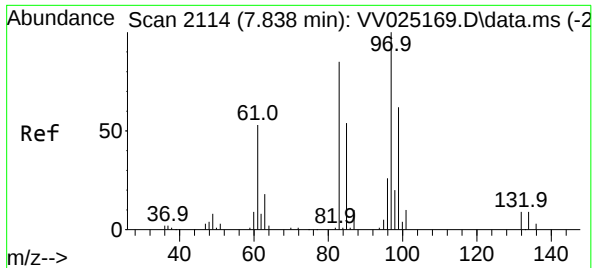
Tgt Ion: 75 Resp: 58579

Ion Ratio Lower Upper

75 100

77 30.7 23.0 42.6

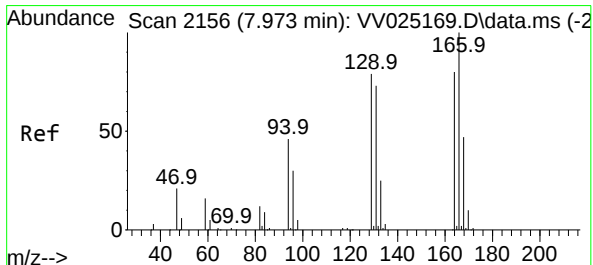
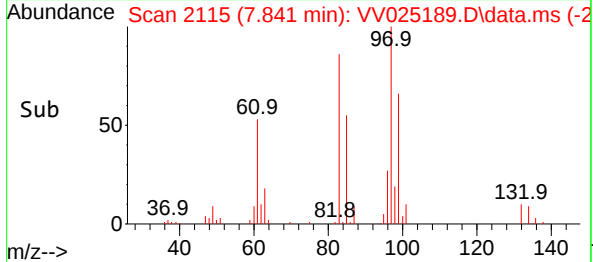
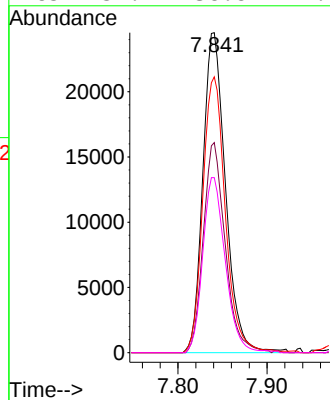
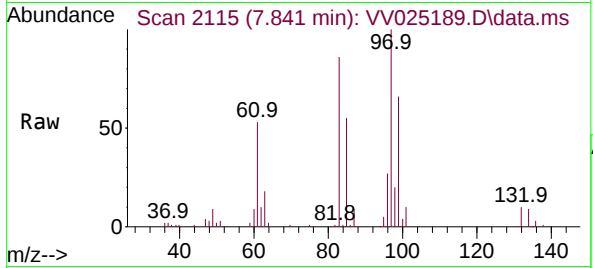




#45
1,1,2-Trichloroethane
Concen: 4.978 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

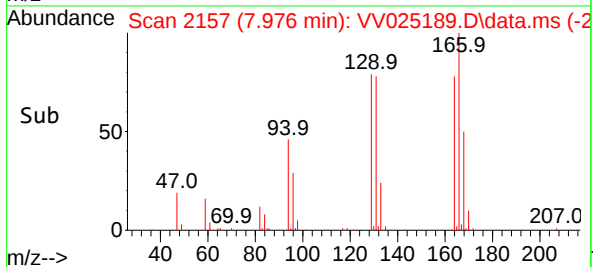
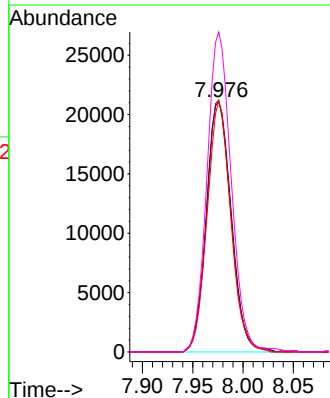
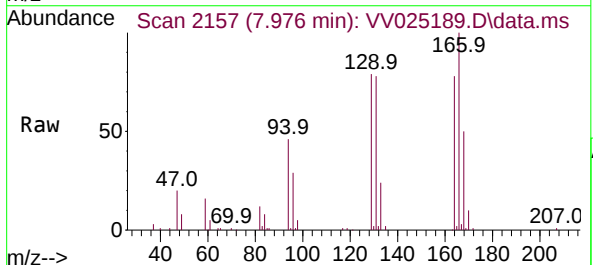
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

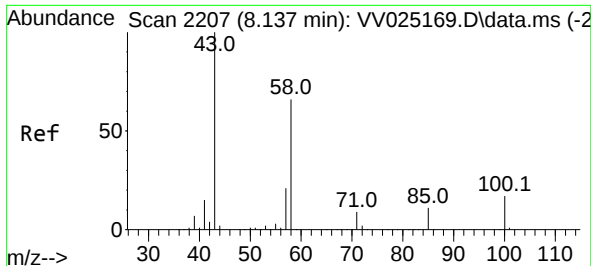
Tgt Ion:	97	Resp:	43229
Ion	Ratio	Lower	Upper
97	100		
99	65.6	43.7	81.1
83	86.2	58.9	109.3
85	54.7	38.8	72.0



#47
Tetrachloroethene
Concen: 3.431 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion:	164	Resp:	36365
Ion	Ratio	Lower	Upper
164	100		
129	100.7	70.3	130.7
131	100.2	69.4	129.0
166	127.9	90.3	167.7

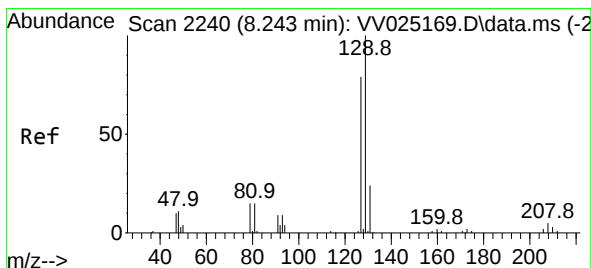
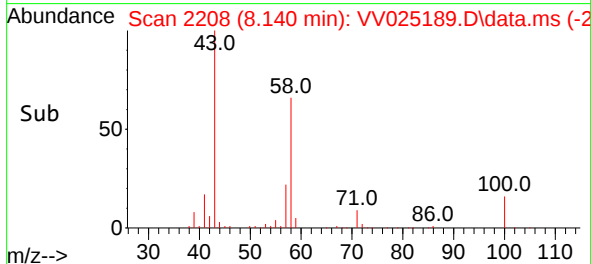
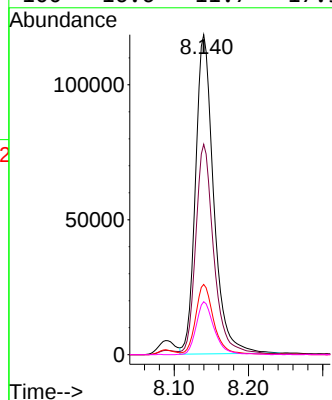
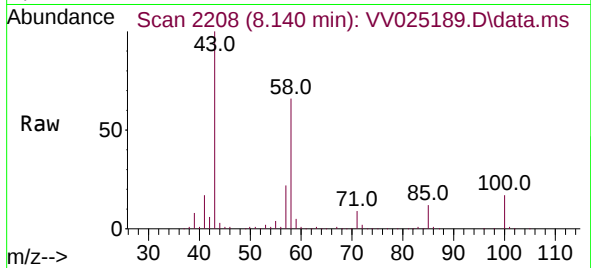




#48
2-Hexanone
Concen: 53.210 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

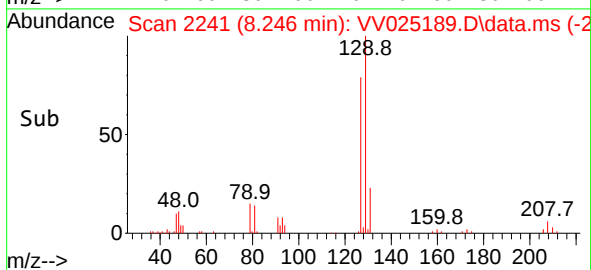
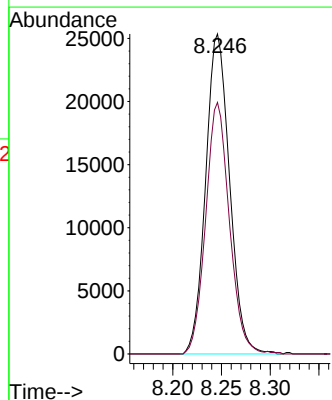
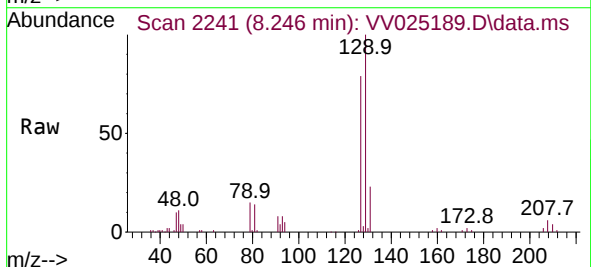
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

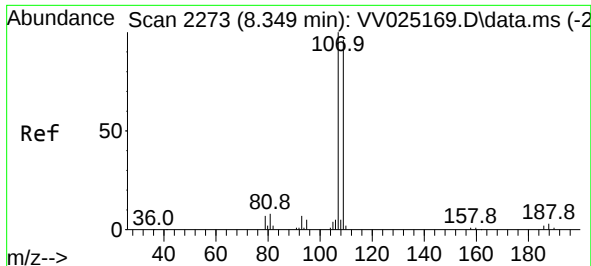
Tgt Ion: 43 Resp: 201820
Ion Ratio Lower Upper
43 100
58 65.0 49.2 73.8
57 21.5 16.0 24.0
100 16.6 11.7 17.5



#49
Dibromochloromethane
Concen: 4.458 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 129 Resp: 43332
Ion Ratio Lower Upper
129 100
127 78.6 54.9 102.1





#50

1,2-Dibromoethane

Concen: 4.895 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

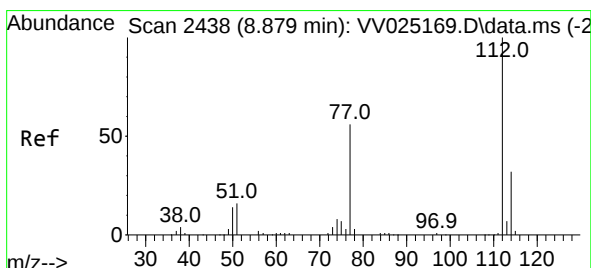
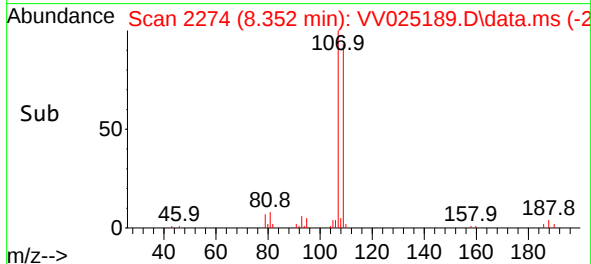
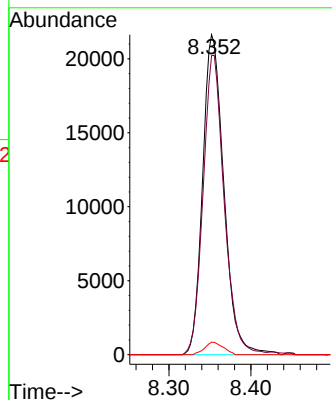
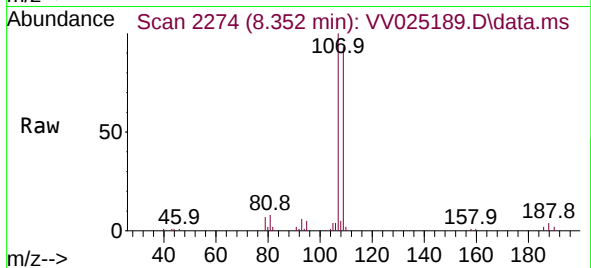
Tgt Ion:107 Resp: 38902

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 3.9 2.4 3.6#



#51

Chlorobenzene

Concen: 3.831 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

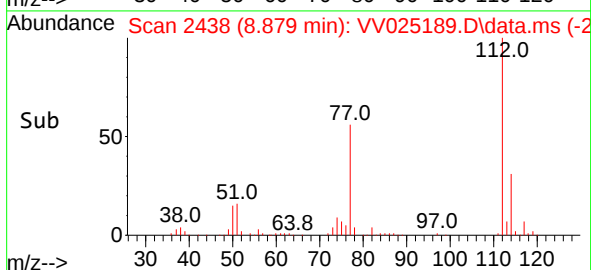
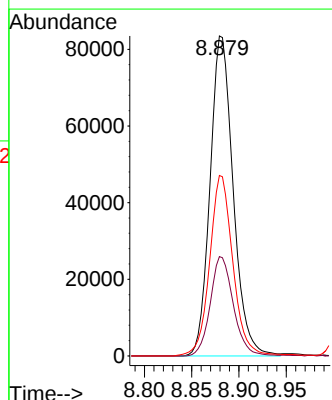
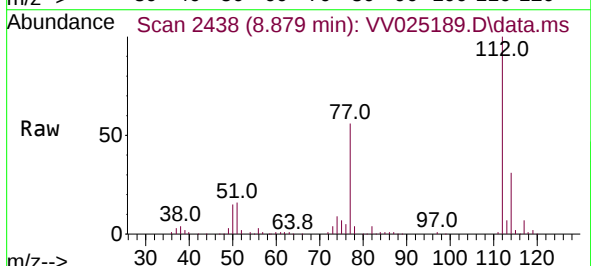
Tgt Ion:112 Resp: 142044

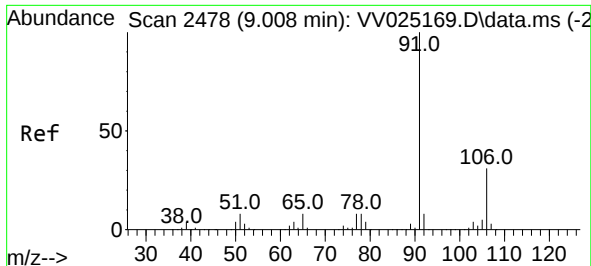
Ion Ratio Lower Upper

112 100

114 31.0 22.5 41.7

77 56.4 45.3 67.9

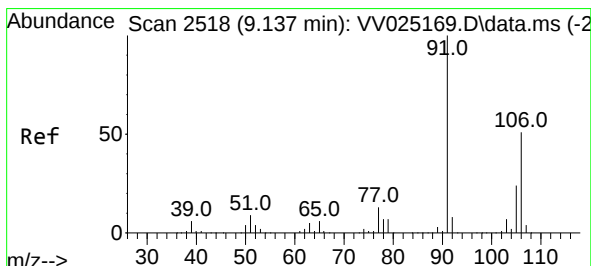
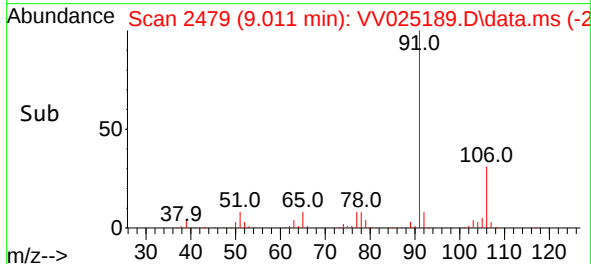
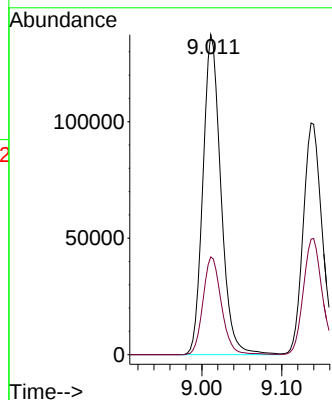
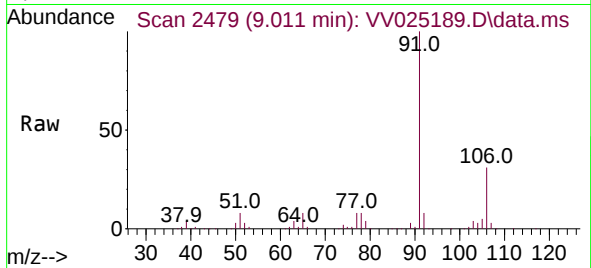




#52
Ethylbenzene
Concen: 3.438 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

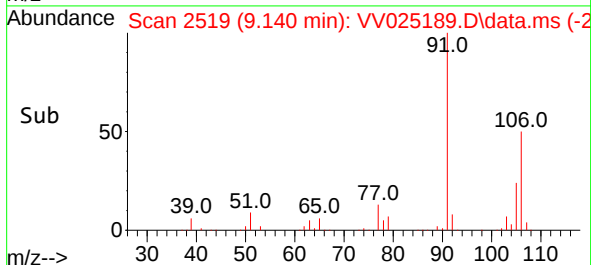
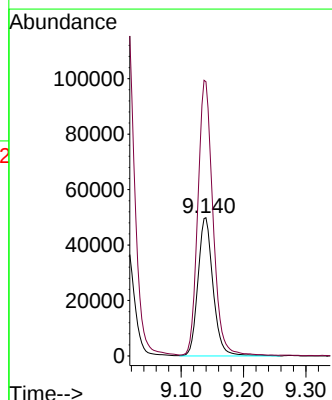
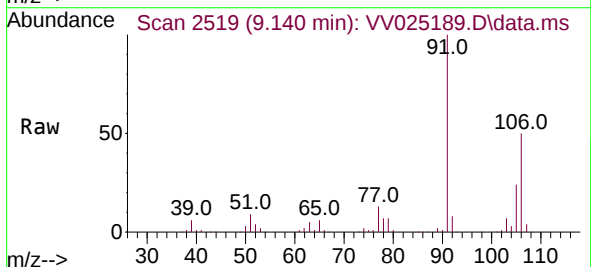
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

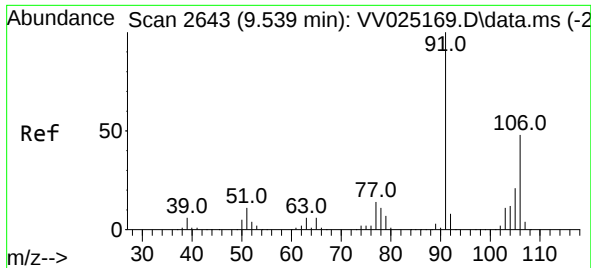
Tgt Ion: 91 Resp: 215342
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 3.477 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 106 Resp: 83870
Ion Ratio Lower Upper
106 100
91 198.5 143.4 266.4

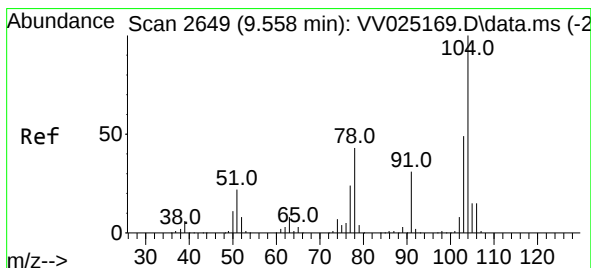
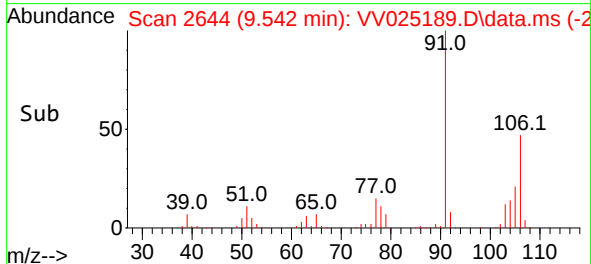
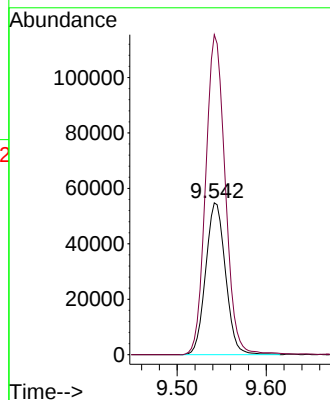
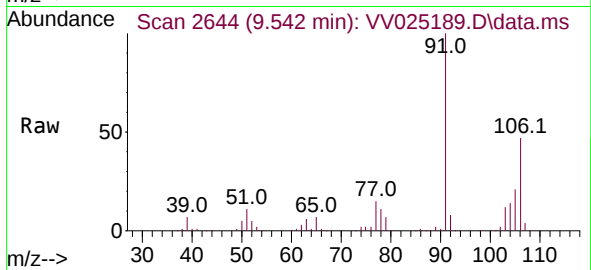




#54
o-Xylene
Concen: 3.670 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

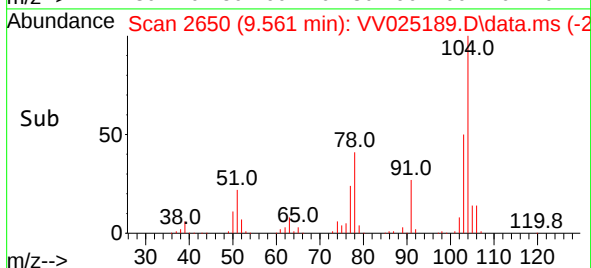
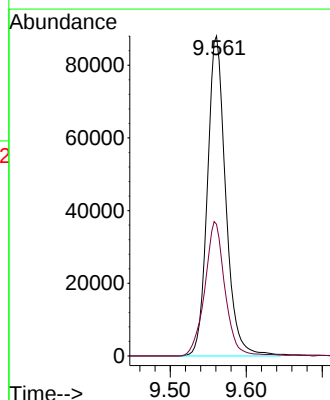
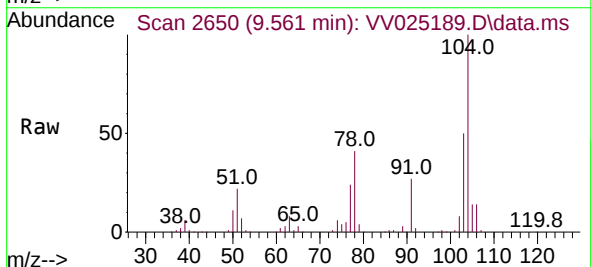
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

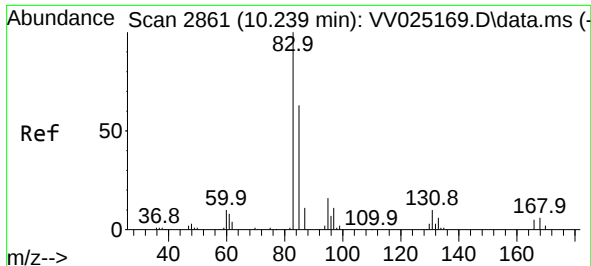
Tgt Ion:106 Resp: 84644
Ion Ratio Lower Upper
106 100
91 210.8 146.7 272.5



#55
Styrene
Concen: 3.913 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion:104 Resp: 146988
Ion Ratio Lower Upper
104 100
78 41.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.445 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

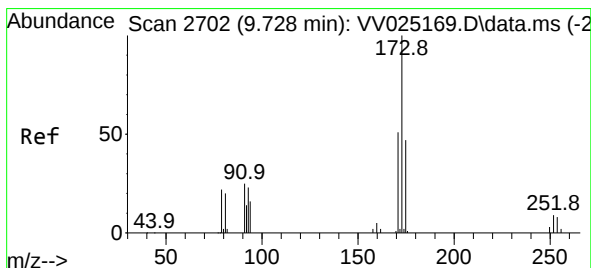
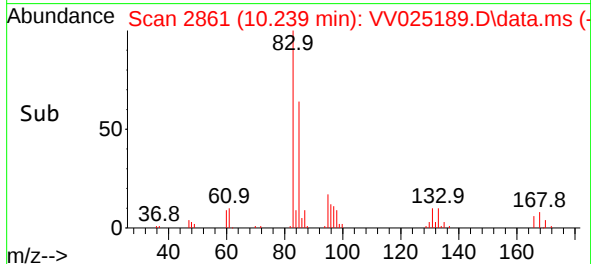
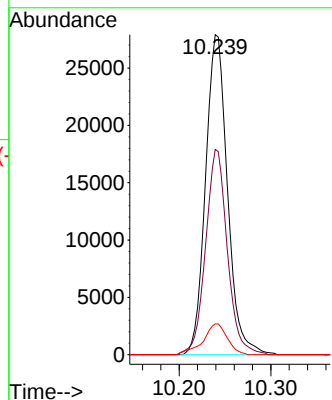
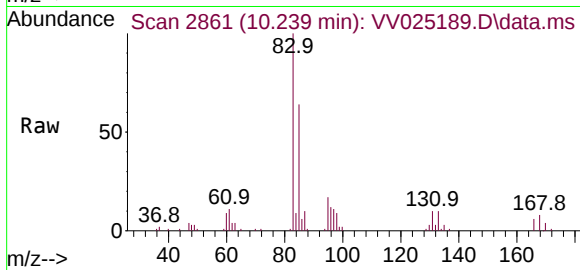
Tgt Ion: 83 Resp: 46354

Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5

131 9.6 7.5 11.3



#59

Bromoform

Concen: 4.040 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

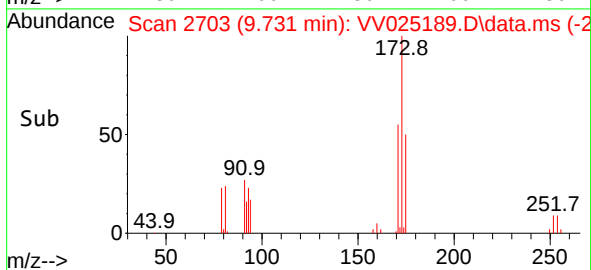
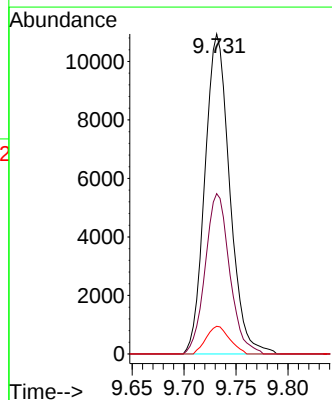
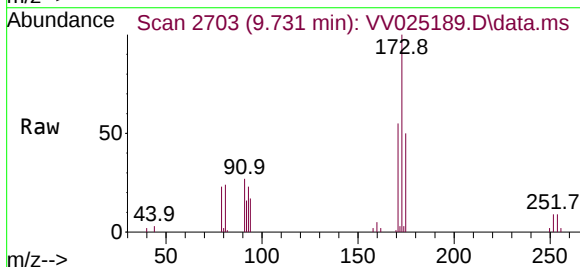
Tgt Ion: 173 Resp: 18153

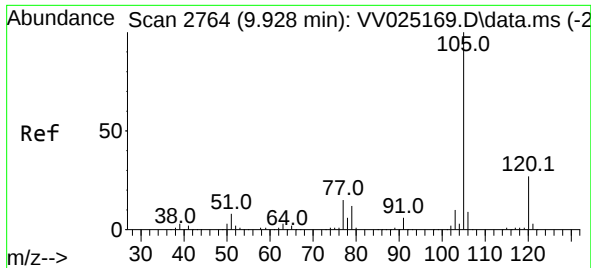
Ion Ratio Lower Upper

173 100

175 49.4 37.8 56.8

254 8.1 5.8 8.6

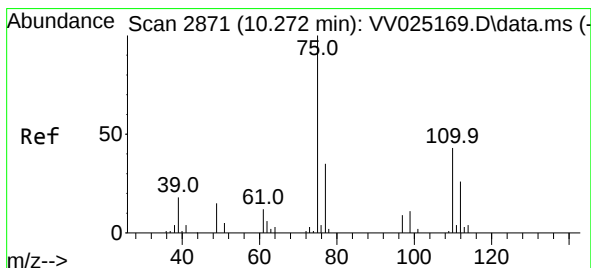
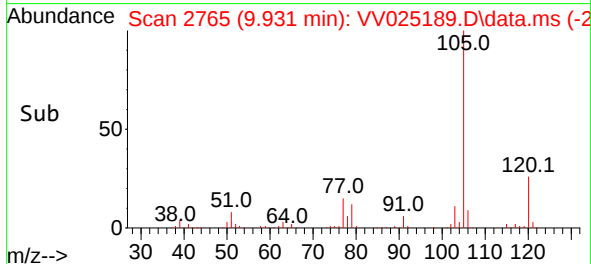
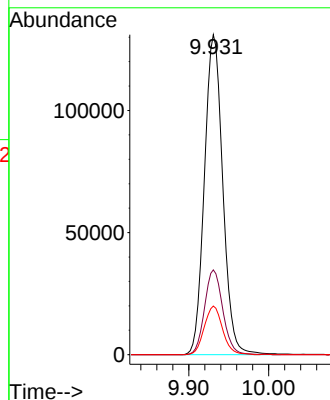
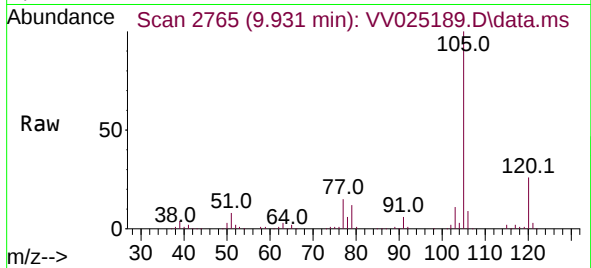




#60
Isopropylbenzene
Concen: 3.339 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

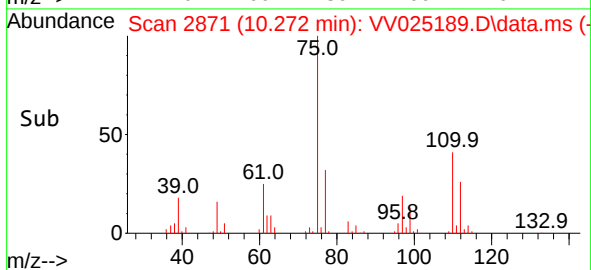
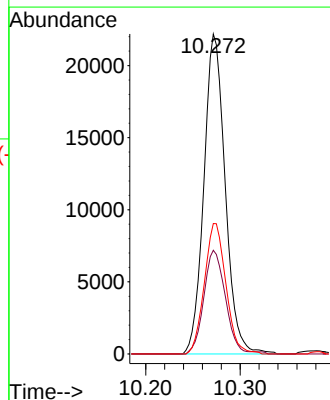
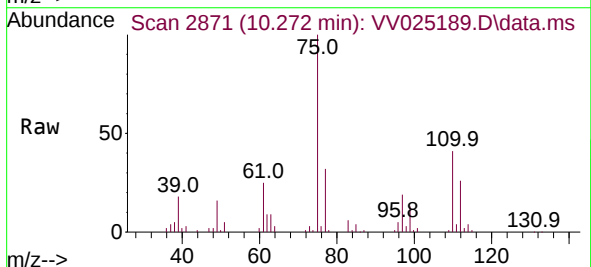
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

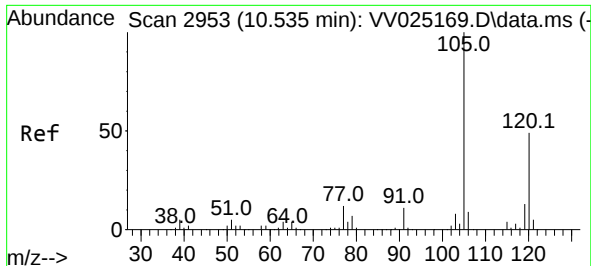
Tgt Ion:105 Resp: 210079
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.956 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 75 Resp: 34771
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5
110 41.0 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 3.311 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

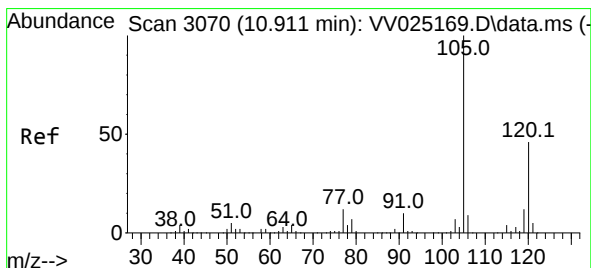
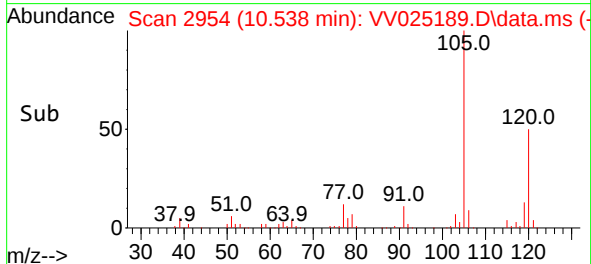
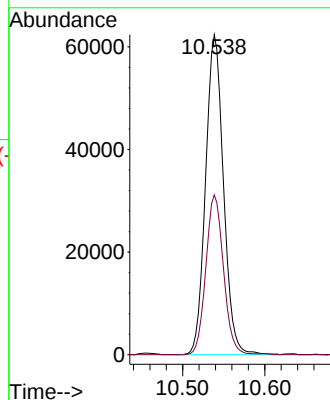
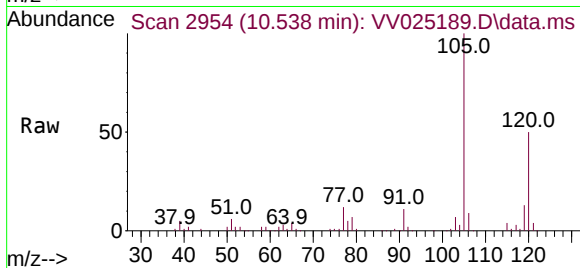
VSTD005349

Tgt Ion:105 Resp: 94524

Ion Ratio Lower Upper

105 100

120 49.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 3.397 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025189.D

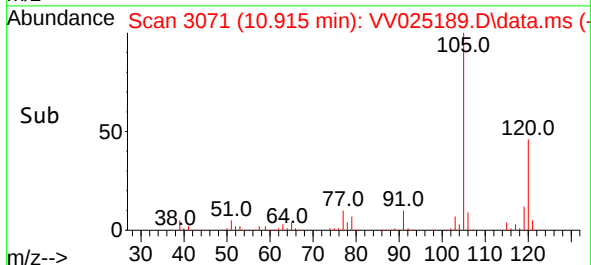
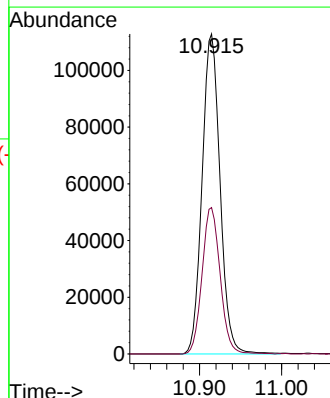
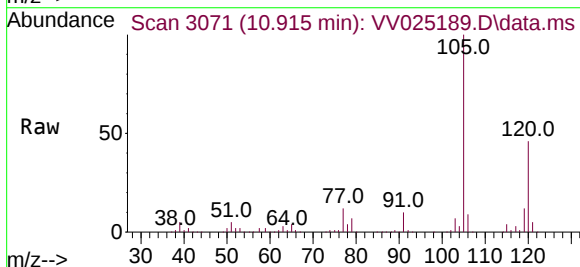
Acq: 25 Mar 2022 19:37

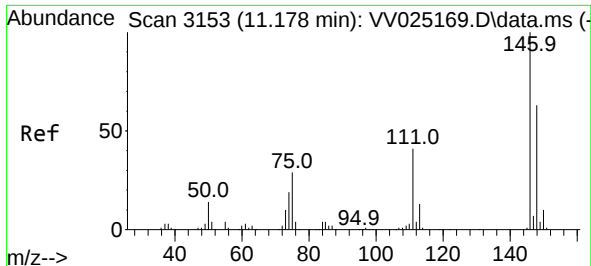
Tgt Ion:105 Resp: 171777

Ion Ratio Lower Upper

105 100

120 46.2 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 3.821 ug/L

RT: 11.181 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

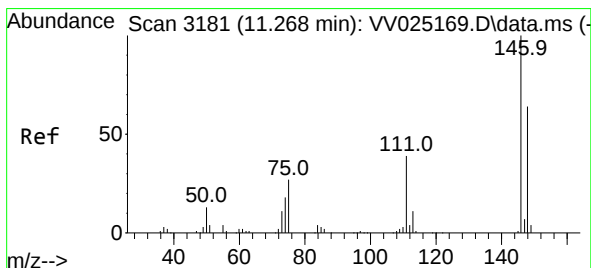
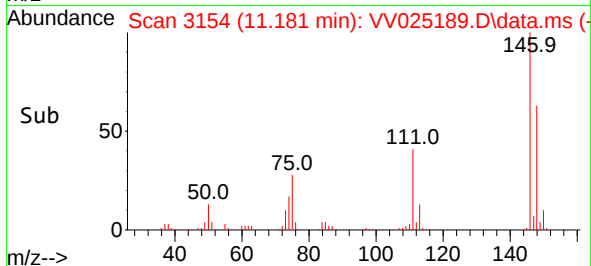
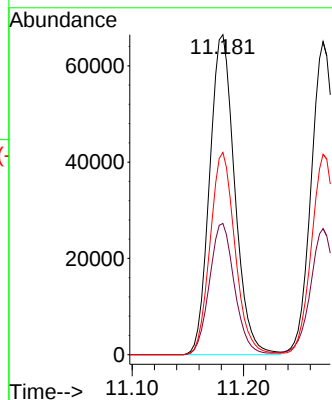
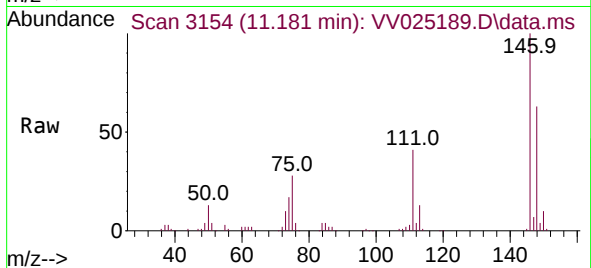
Tgt Ion:146 Resp: 104293

Ion Ratio Lower Upper

146 100

111 41.0 29.2 54.2

148 63.2 43.8 81.4



#65

1,4-Dichlorobenzene

Concen: 3.749 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

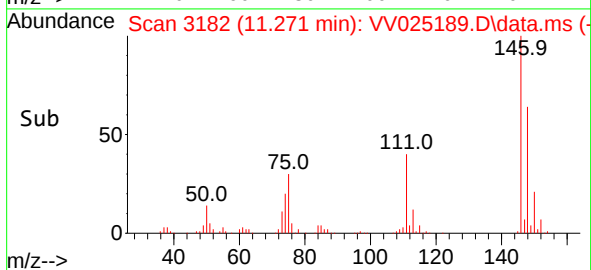
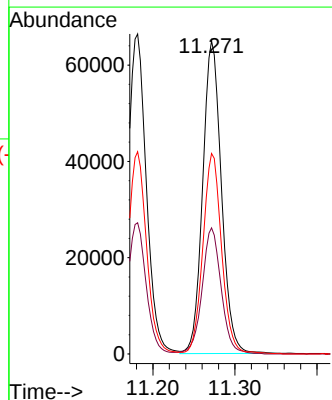
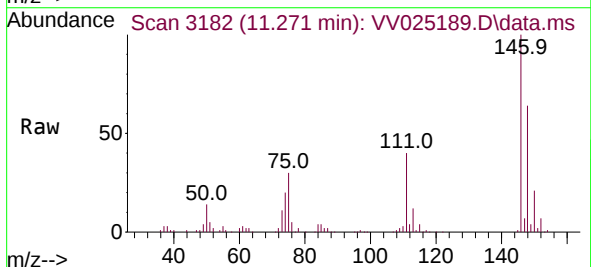
Tgt Ion:146 Resp: 103151

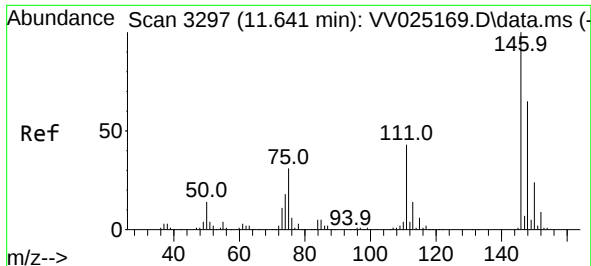
Ion Ratio Lower Upper

146 100

111 40.2 28.2 52.4

148 64.0 43.8 81.4

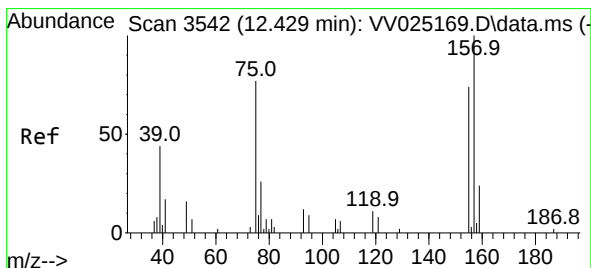
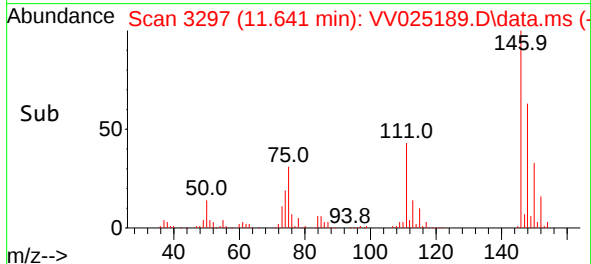
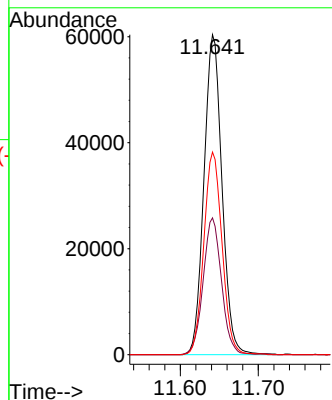
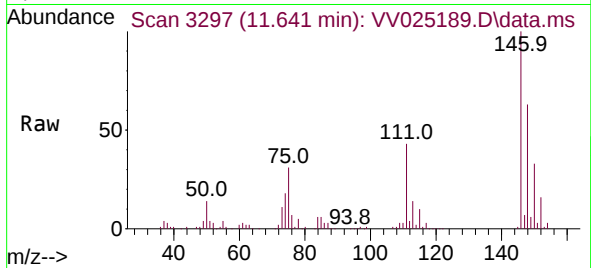




#67
1,2-Dichlorobenzene
Concen: 4.016 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

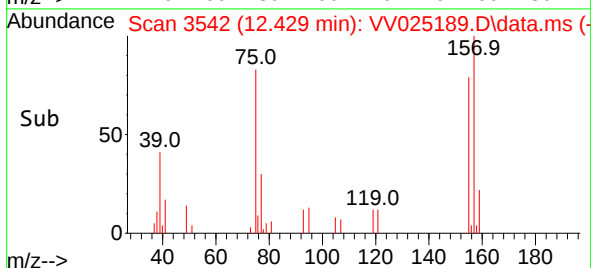
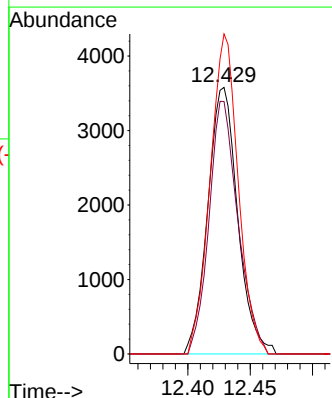
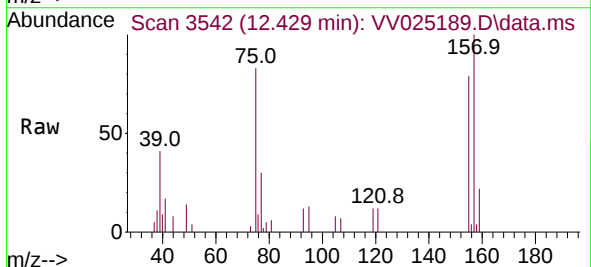
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

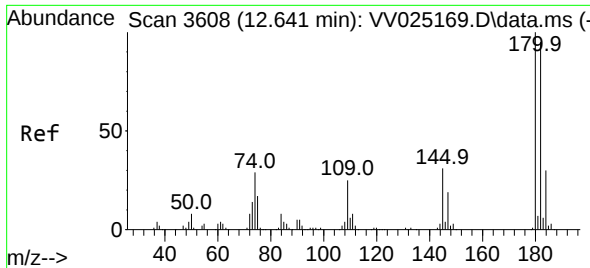
Tgt Ion:146 Resp: 97123
Ion Ratio Lower Upper
146 100
111 42.7 35.5 53.3
148 63.3 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.974 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV025189.D
Acq: 25 Mar 2022 19:37

Tgt Ion: 75 Resp: 5982
Ion Ratio Lower Upper
75 100
155 94.7 65.9 98.9
157 120.0 89.7 134.5

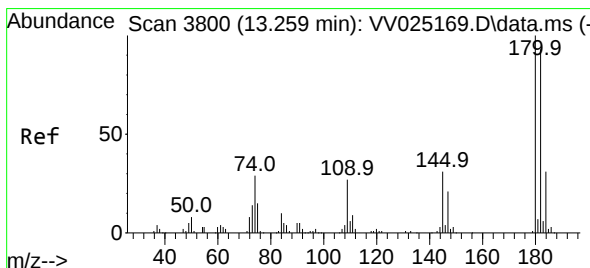
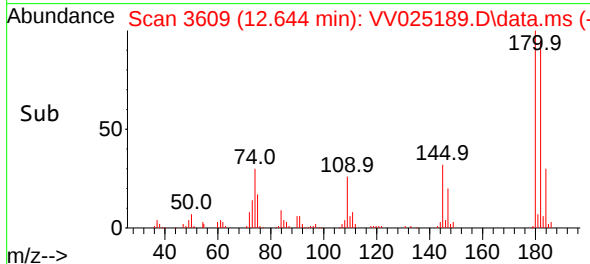
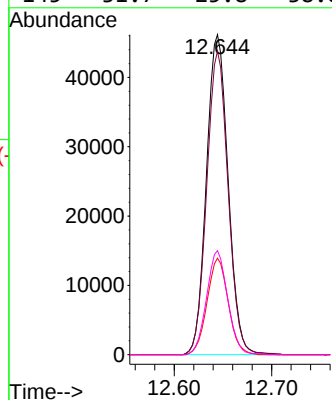
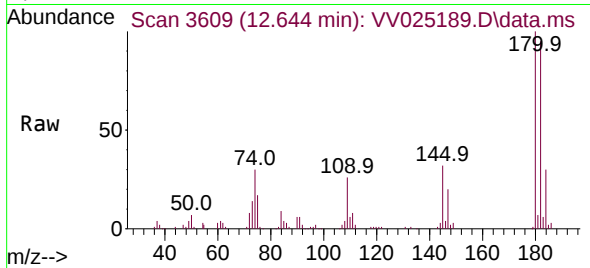




#69
 1,3,5-Trichlorobenzene
 Concen: 3.695 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

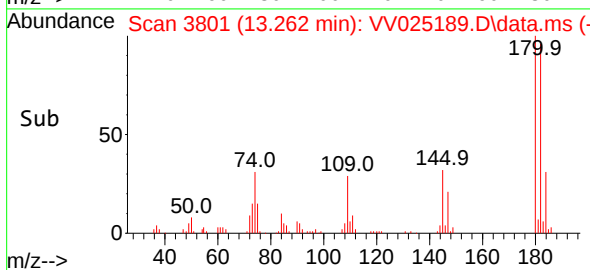
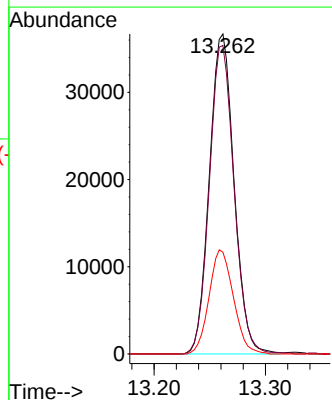
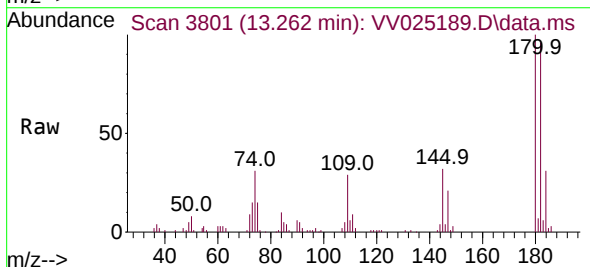
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

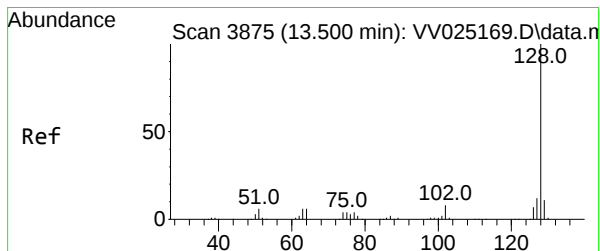
Tgt Ion:180 Resp: 71220
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.4 113.0
 184 29.4 24.2 36.4
 145 31.7 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 3.760 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025189.D
 Acq: 25 Mar 2022 19:37

Tgt Ion:180 Resp: 56476
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.6 112.0
 145 32.1 26.1 39.1





#71
Naphthalene

Concen: 4.207 ug/L

RT: 13.503 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

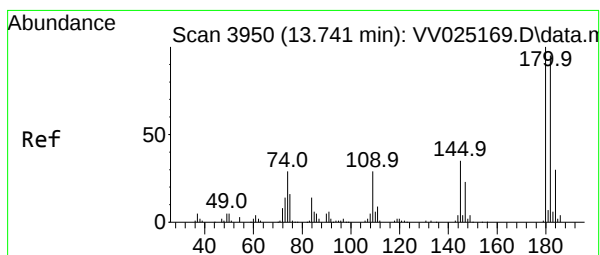
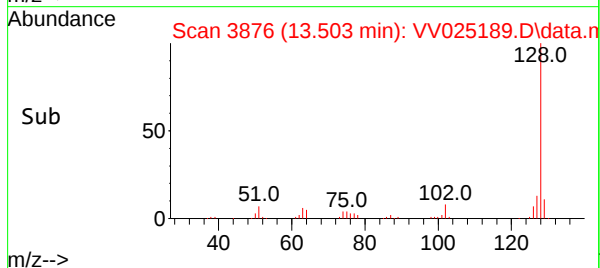
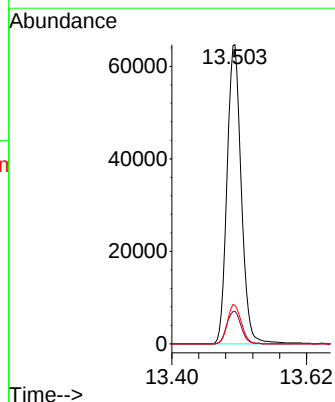
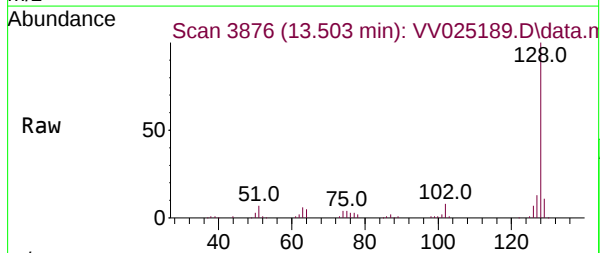
Tgt Ion:128 Resp: 104916

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.8 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 4.160 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025189.D

Acq: 25 Mar 2022 19:37

Tgt Ion:180 Resp: 52939

Ion Ratio Lower Upper

180 100

182 93.9 74.8 112.2

145 33.4 27.6 41.4

