

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
 Data File : VW025732.D
 Acq On : 26 Apr 2022 15:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Quant Time: Apr 27 05:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 27 05:32:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	147367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59234	4.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.571	69	57015	3.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.111	63	120499	4.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.895	46	95091	57.058	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.120%	
24) Chloroform-d	4.346	84	108076	5.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.030	65	47873	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.046	84	208717	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.066	67	60073	4.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.313	98	189265	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	7.622	79	19325	4.782	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.085	63	66816	47.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.220%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	35698	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61178	4.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	44974	3.378	ug/L	97
3) Chloromethane	1.243	50	67366	4.657	ug/L	99
5) Vinyl chloride	1.314	62	69072	4.226	ug/L	98
6) Bromomethane	1.526	94	43496	3.690	ug/L	98
8) Chloroethane	1.587	64	49489	3.922	ug/L	98
9) Trichlorofluoromethane	1.757	101	94741	4.126	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	51339	3.980	ug/L	99
12) 1,1-Dichloroethene	2.121	96	52519	4.109	ug/L	94
13) Acetone	2.191	43	67068	59.291	ug/L	96
14) Carbon disulfide	2.297	76	106403	3.478	ug/L	100
15) Methyl Acetate	2.439	43	15462	6.150	ug/L	91
16) Methylene chloride	2.506	84	57217	4.617	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	99253	5.018	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	46743	4.364	ug/L	94
19) 1,1-Dichloroethane	3.188	63	95860	5.284	ug/L	97
21) 2-Butanone	3.976	43	93300	59.691	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	52236	4.633	ug/L	94
23) Bromochloromethane	4.246	128	22686	4.846	ug/L	92
25) Chloroform	4.371	83	103374	5.398	ug/L	95

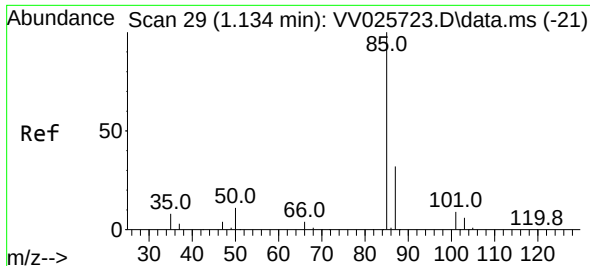
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	54998	5.444	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	82249	4.681	ug/L	98
30) Cyclohexane	4.673	56	53889	3.373	ug/L	97
31) Carbon tetrachloride	4.825	117	64803	4.360	ug/L	97
33) Benzene	5.098	78	204203	4.640	ug/L	100
34) Trichloroethene	5.911	95	50678	4.337	ug/L	99
35) Methylcyclohexane	6.127	83	62314	3.342	ug/L	95
37) 1,2-Dichloropropane	6.169	63	51770	5.085	ug/L	100
38) Bromodichloromethane	6.506	83	66938	5.296	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	62628	4.694	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	238545	58.512	ug/L	95
42) Toluene	7.384	91	209165	4.369	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	50347	4.857	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	35987	5.278	ug/L	99
47) Tetrachloroethene	7.972	164	34961	3.821	ug/L	97
48) 2-Hexanone	8.136	43	175367	61.724	ug/L	95
49) Dibromochloromethane	8.242	129	39599	5.290	ug/L	97
50) 1,2-Dibromoethane	8.349	107	30032	4.689	ug/L	98
51) Chlorobenzene	8.879	112	132904	4.348	ug/L	98
52) Ethylbenzene	9.008	91	200487	3.927	ug/L	99
53) m,p-Xylene	9.136	106	77994	4.017	ug/L	96
54) o-Xylene	9.541	106	77539	4.112	ug/L	98
55) Styrene	9.558	104	133914	4.367	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	33879	4.973	ug/L	97
59) Bromoform	9.728	173	17690	5.327	ug/L	96
60) Isopropylbenzene	9.927	105	198161	3.979	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	28639	5.405	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	81575	3.673	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	153400	3.834	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	97771	4.206	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	96735	4.099	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	89770	4.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5035	5.496	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	69289	3.918	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	50787	3.725	ug/L	99
71) Naphthalene	13.500	128	75651	3.782	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	43050	3.813	ug/L	99

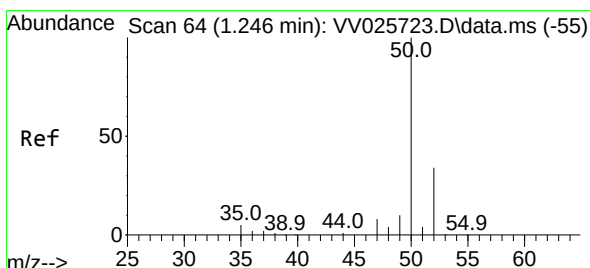
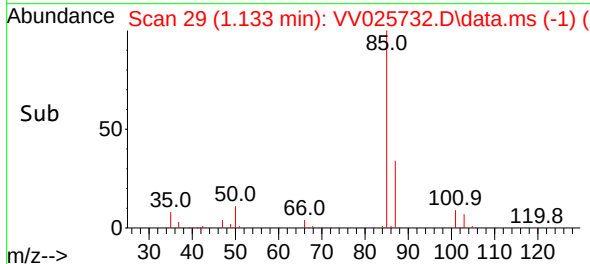
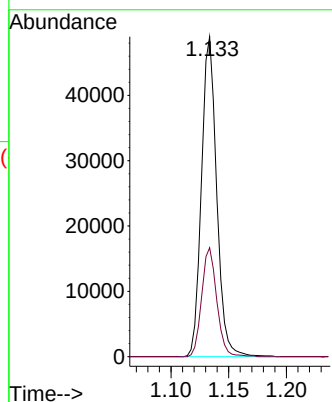
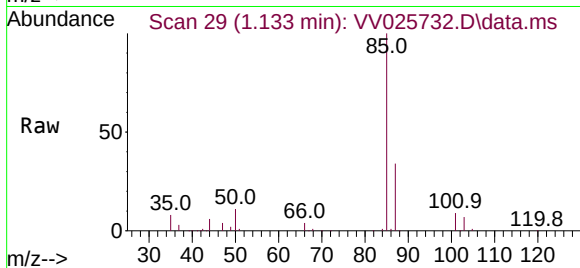
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#2
 Dichlorodifluoromethane
 Concen: 3.378 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

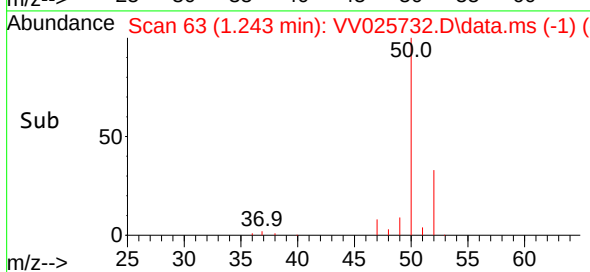
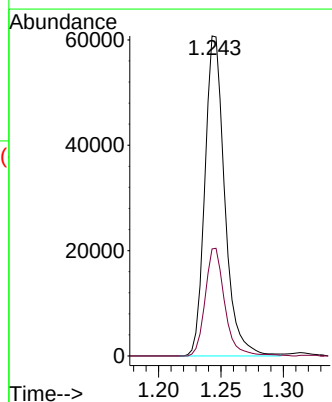
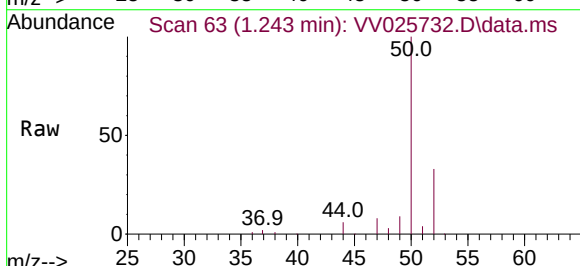
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

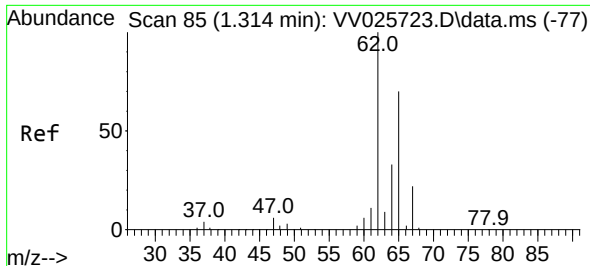
Tgt Ion: 85 Resp: 44974
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.657 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.003 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Tgt Ion: 50 Resp: 67366
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

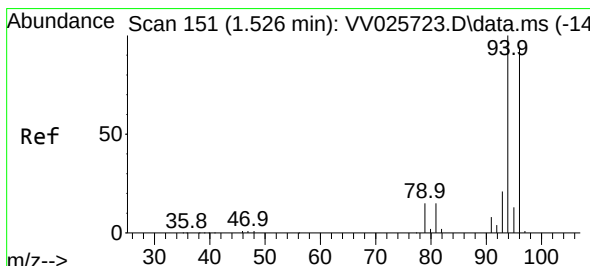
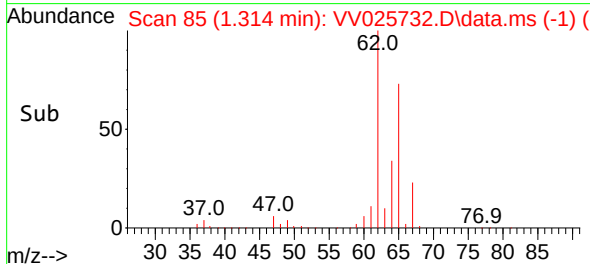
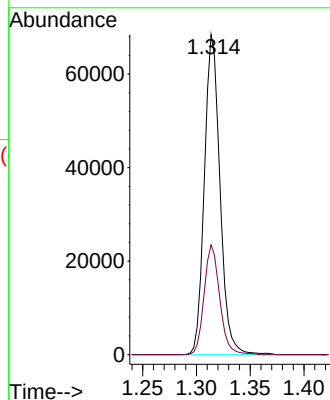
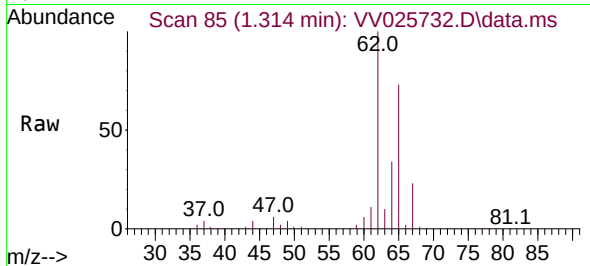




#5
 Vinyl chloride
 Concen: 4.226 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

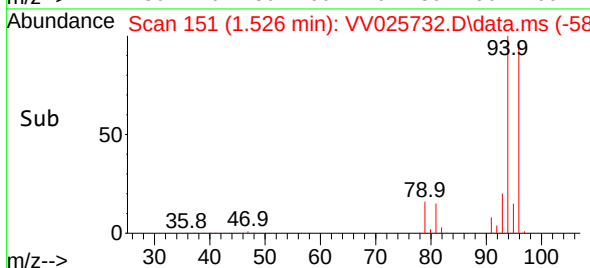
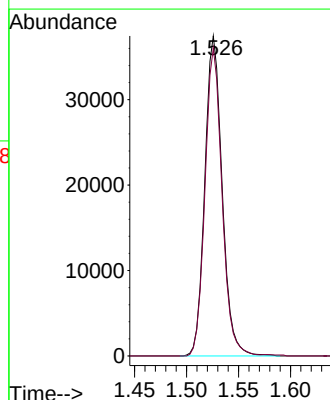
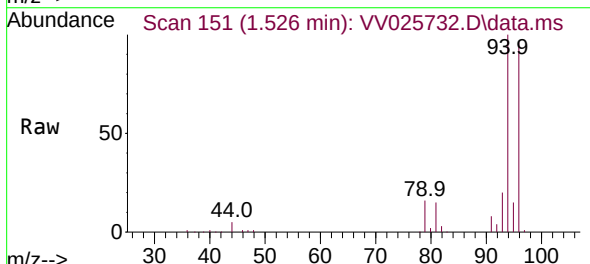
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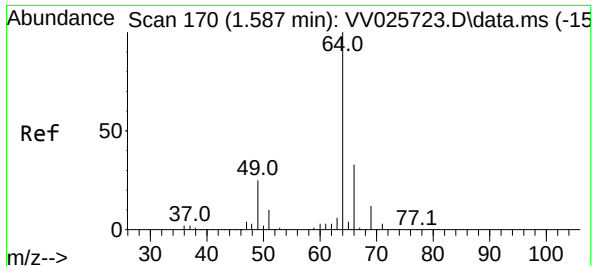
Tgt Ion: 62 Resp: 69072
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.2



#6
 Bromomethane
 Concen: 3.690 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Tgt Ion: 94 Resp: 43496
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.1 122.7

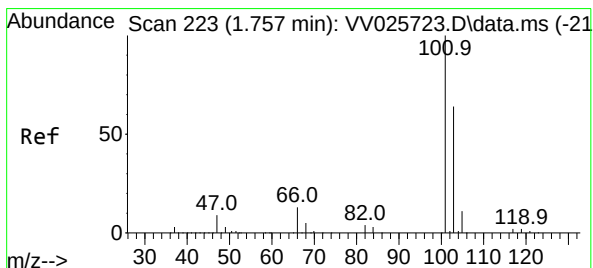
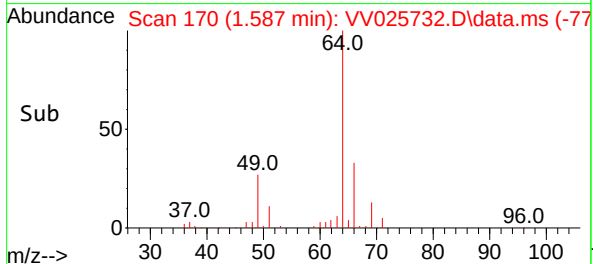
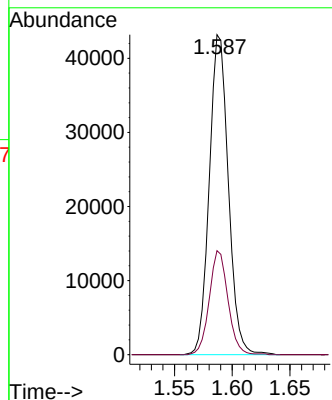
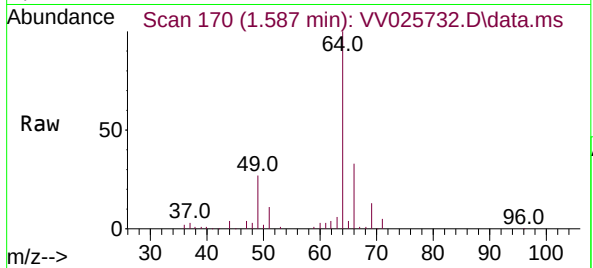




#8
Chloroethane
Concen: 3.922 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

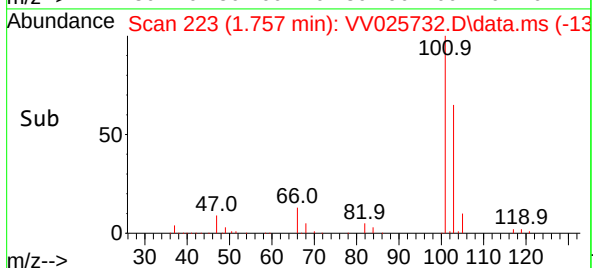
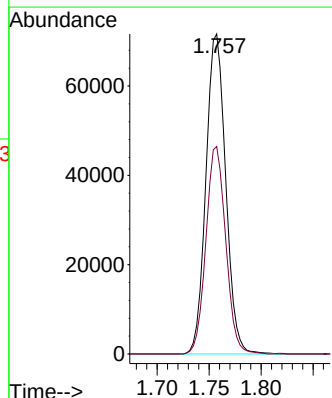
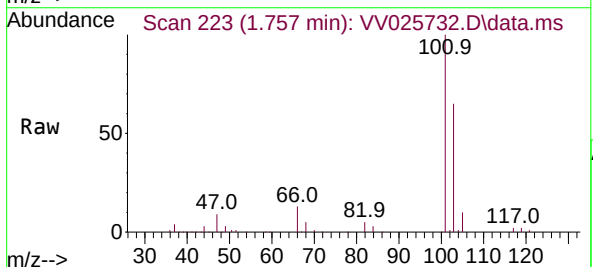
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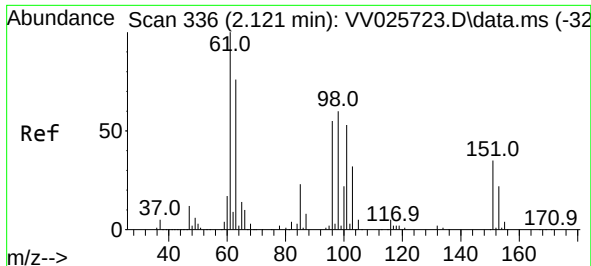
Tgt Ion: 64 Resp: 49489
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.126 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:101 Resp: 94741
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

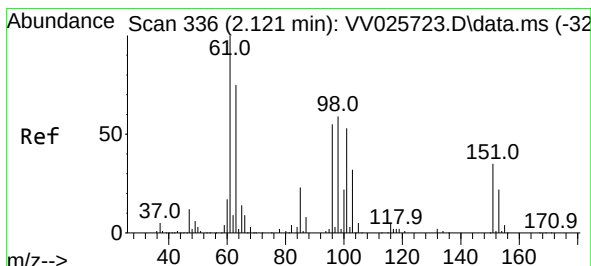
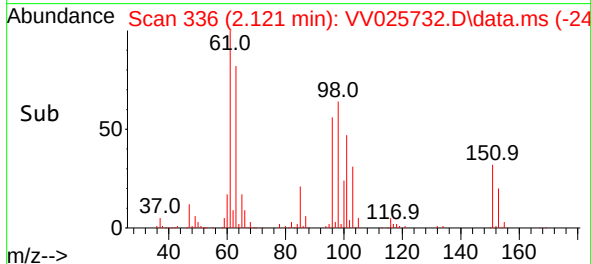
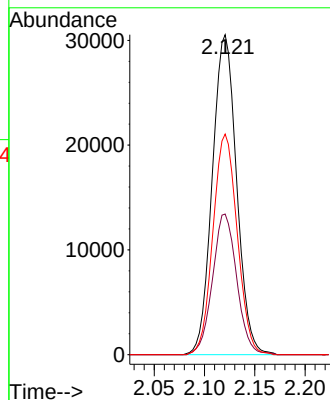
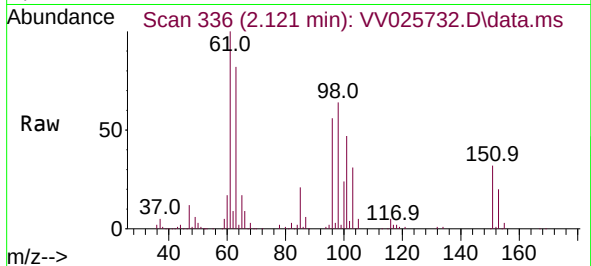




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.980 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

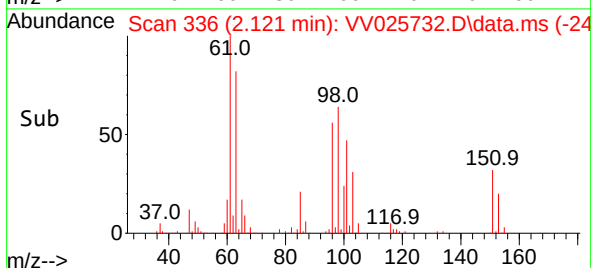
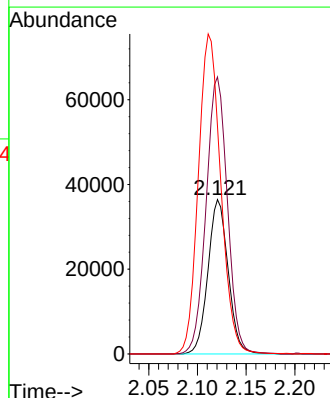
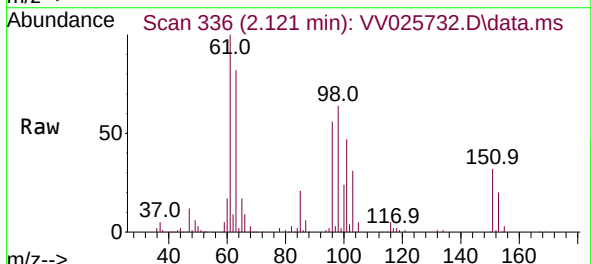
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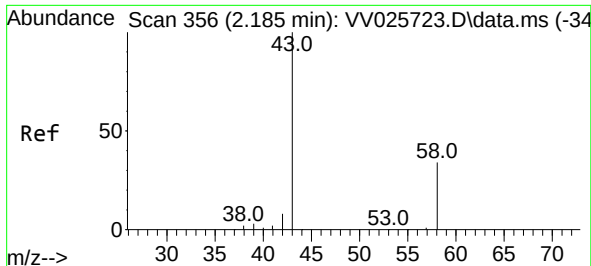
Tgt Ion:101 Resp: 51339
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.9 53.9
 151 68.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.109 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Tgt Ion: 96 Resp: 52519
 Ion Ratio Lower Upper
 96 100
 61 179.4 125.2 232.4
 63 147.5 114.4 212.4





#13

Acetone

Concen: 59.291 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.006 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

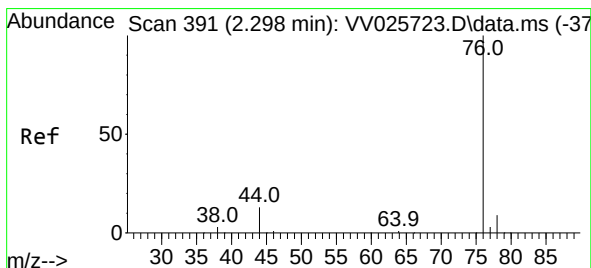
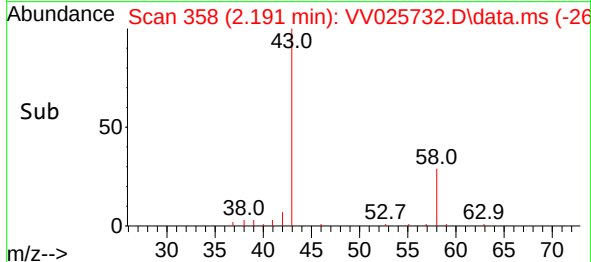
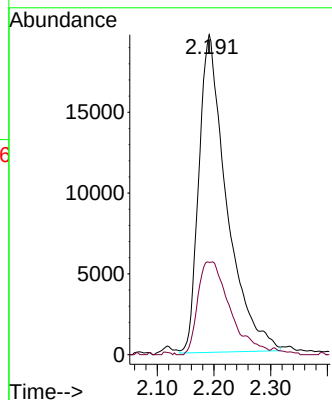
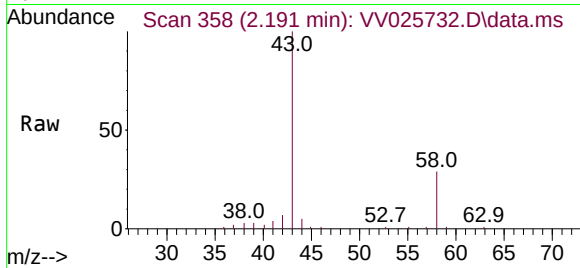
VSTD005395

Tgt Ion: 43 Resp: 67068

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.2



#14

Carbon disulfide

Concen: 3.478 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025732.D

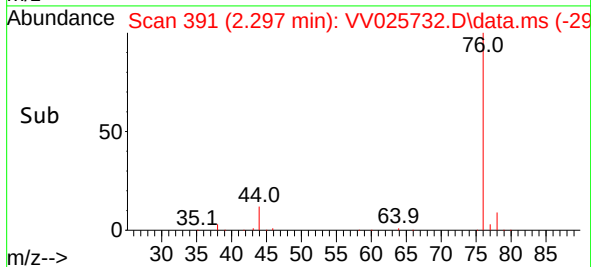
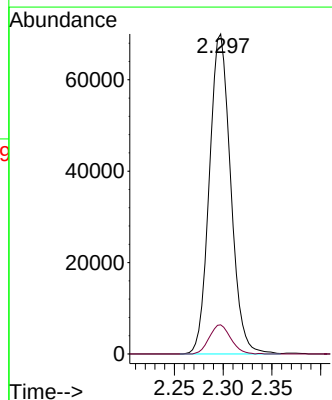
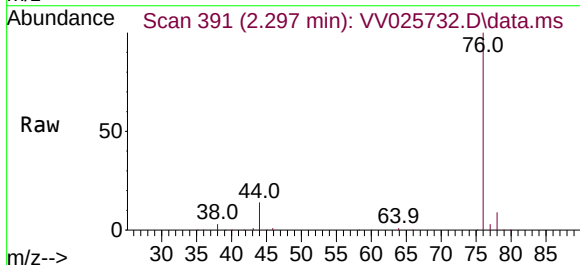
Acq: 26 Apr 2022 15:12

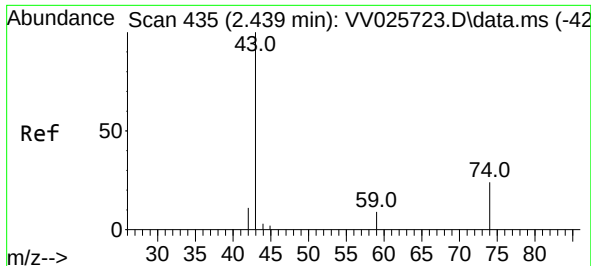
Tgt Ion: 76 Resp: 106403

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

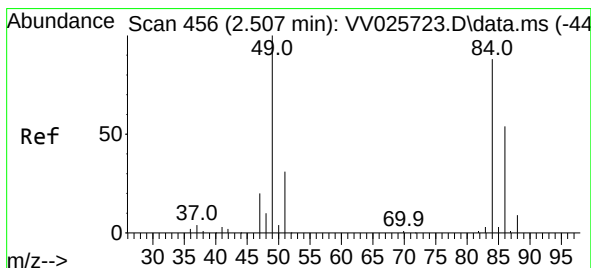
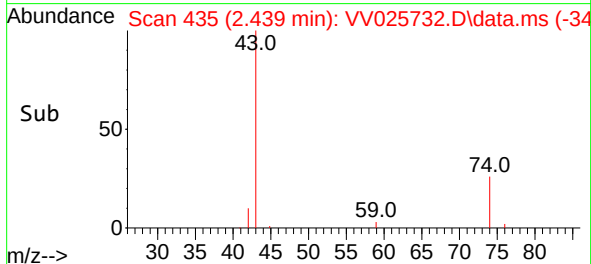
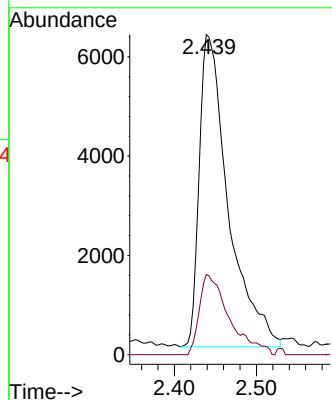
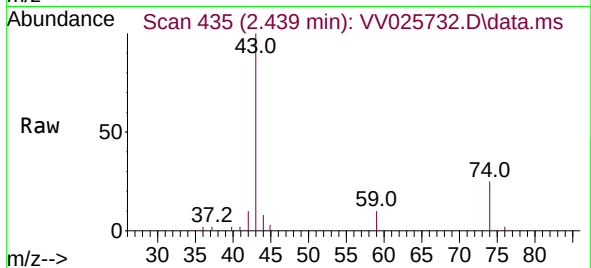




#15
Methyl Acetate
Concen: 6.150 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

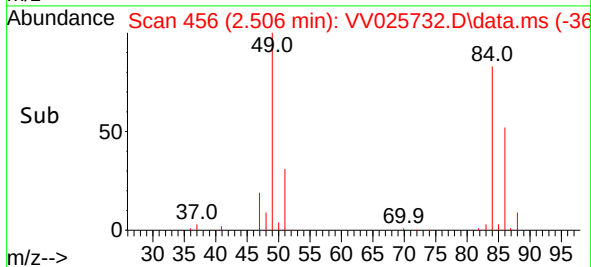
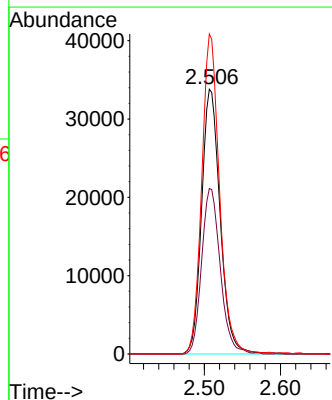
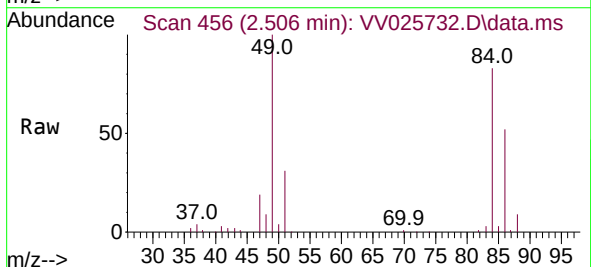
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

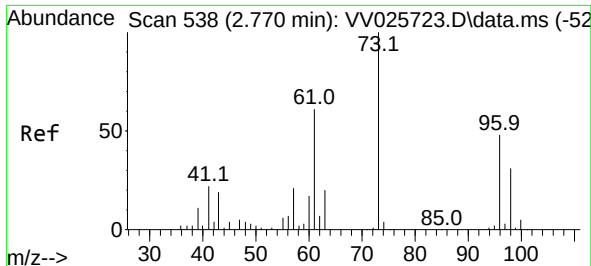
Tgt Ion: 43 Resp: 15462
Ion Ratio Lower Upper
43 100
74 26.3 25.2 37.8



#16
Methylene chloride
Concen: 4.617 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion: 84 Resp: 57217
Ion Ratio Lower Upper
84 100
86 62.5 45.9 85.3
49 120.8 76.6 142.3

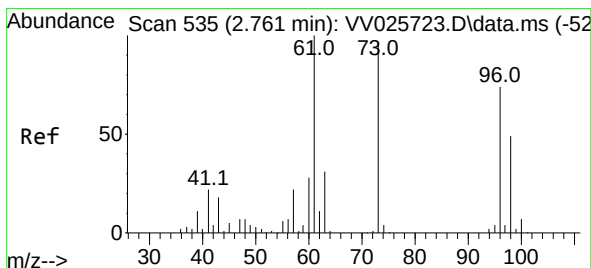
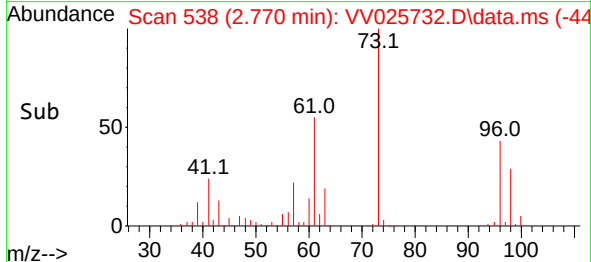
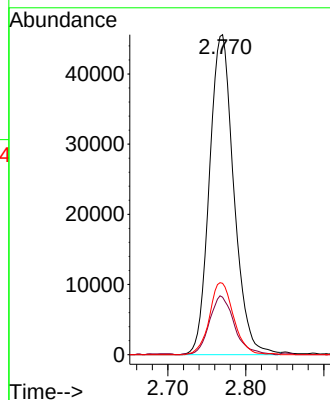
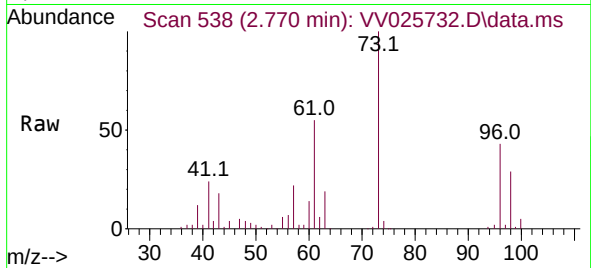




#17
Methyl tert-butyl Ether
Concen: 5.018 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

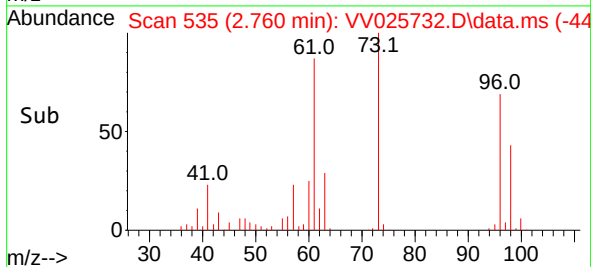
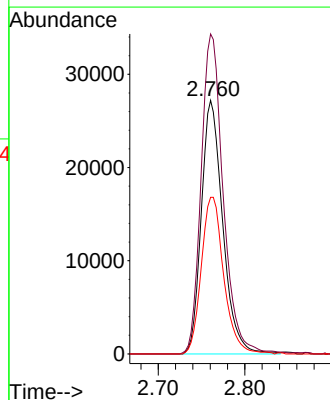
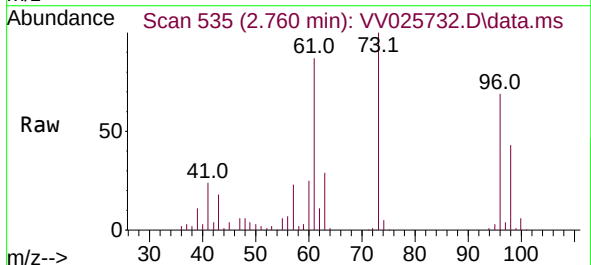
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

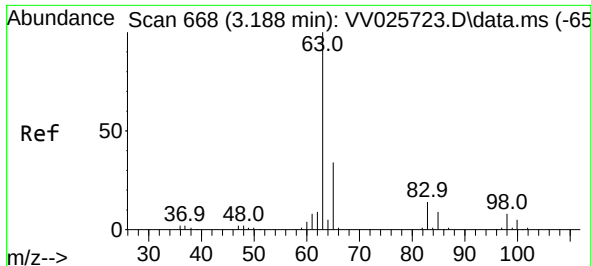
Tgt Ion:	73	Resp:	99253
Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.2	21.4
57	22.3	16.1	24.1



#18
trans-1,2-Dichloroethene
Concen: 4.364 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:	96	Resp:	46743
Ion	Ratio	Lower	Upper
96	100		
61	126.2	92.1	171.1
98	61.8	47.5	88.1





#19

1,1-Dichloroethane

Concen: 5.284 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005395

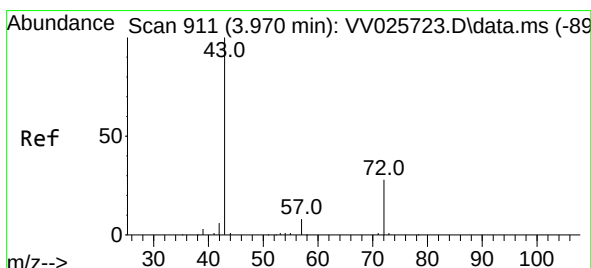
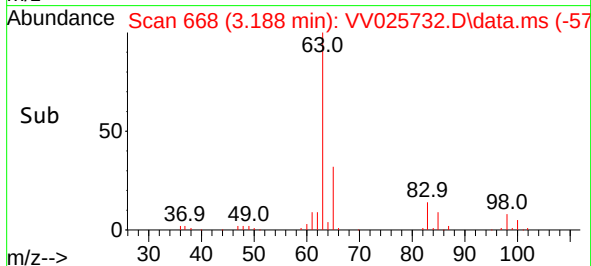
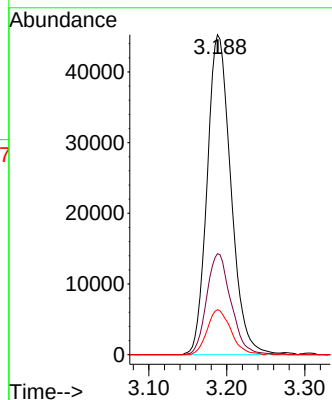
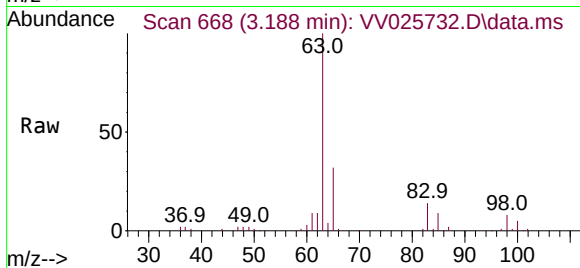
Tgt Ion: 63 Resp: 95860

Ion Ratio Lower Upper

63 100

65 31.6 23.2 43.0

83 14.1 9.0 16.8



#21

2-Butanone

Concen: 59.691 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.006 min

Lab File: VV025732.D

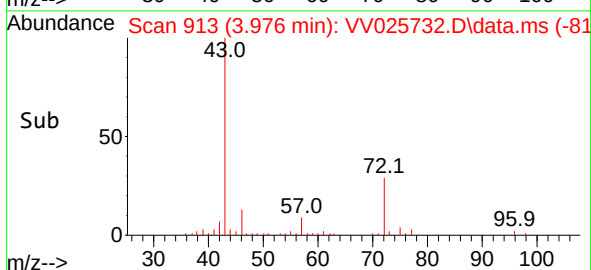
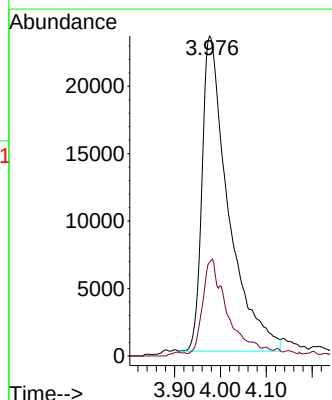
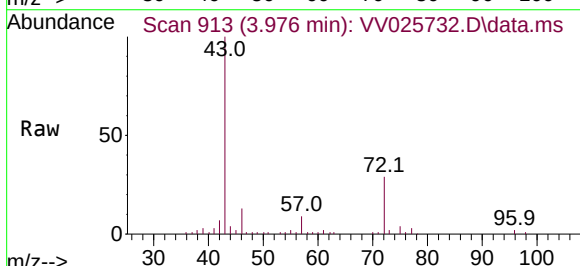
Acq: 26 Apr 2022 15:12

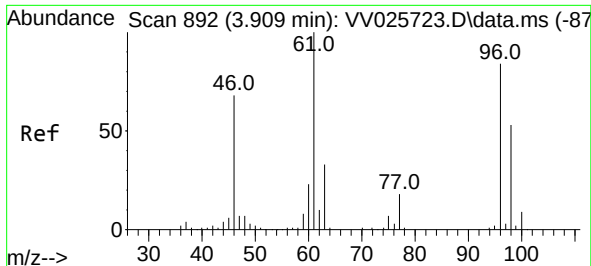
Tgt Ion: 43 Resp: 93300

Ion Ratio Lower Upper

43 100

72 27.2 15.2 45.6



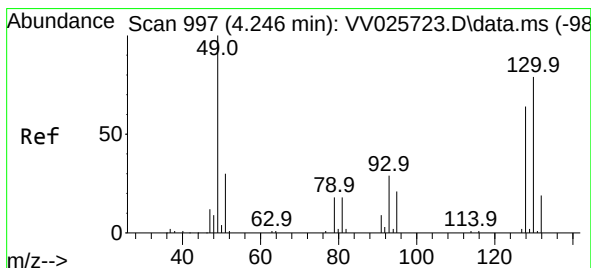
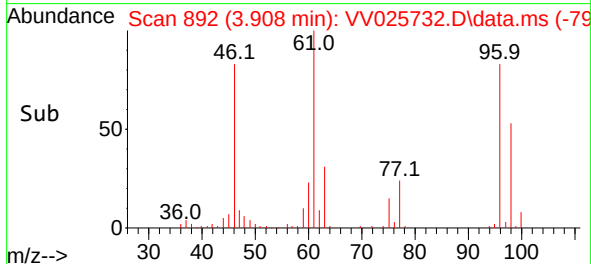
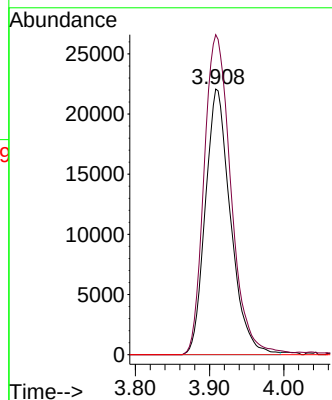
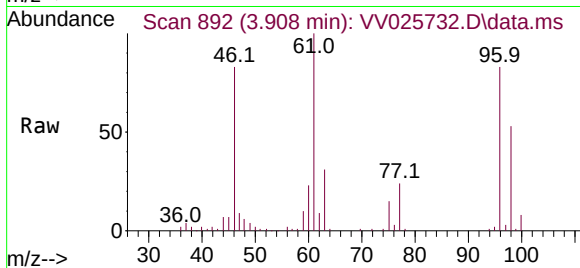


#22
 cis-1,2-Dichloroethene
 Concen: 4.633 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Tgt Ion: 96 Resp: 52236

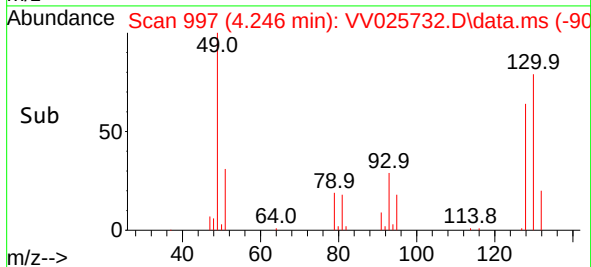
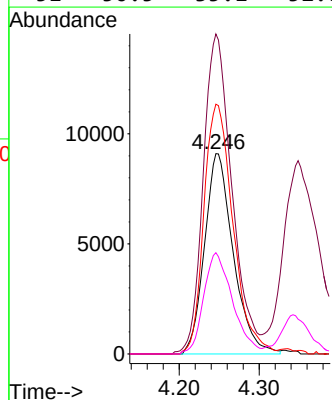
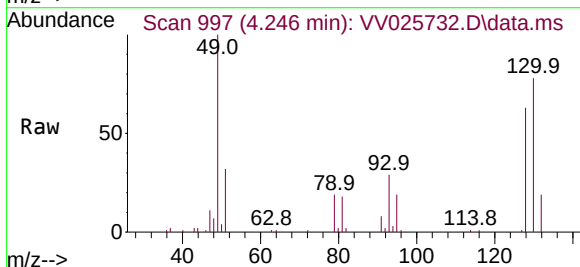
Ion	Ratio	Lower	Upper
96	100		
61	120.5	80.0	148.6
68	0.0	0.0	0.0

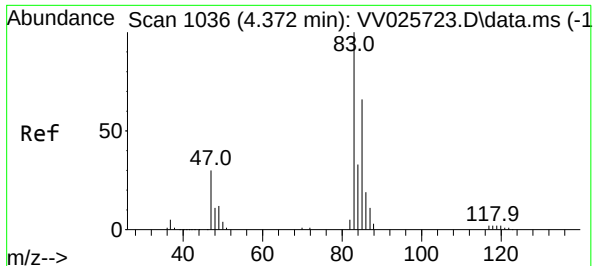


#23
 Bromochloromethane
 Concen: 4.846 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Tgt Ion: 128 Resp: 22686

Ion	Ratio	Lower	Upper
128	100		
49	159.8	100.5	186.7
130	124.7	87.8	163.0
51	50.5	35.1	52.7





#25

Chloroform

Concen: 5.398 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

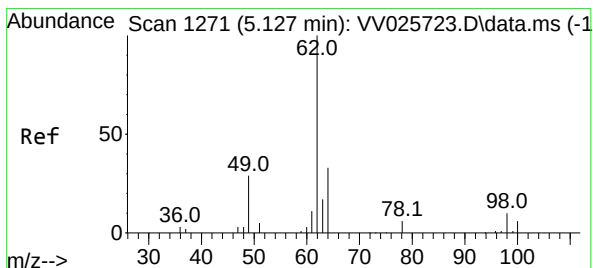
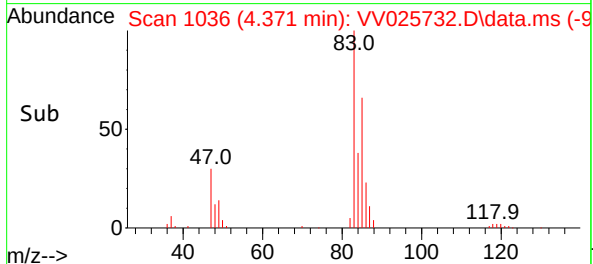
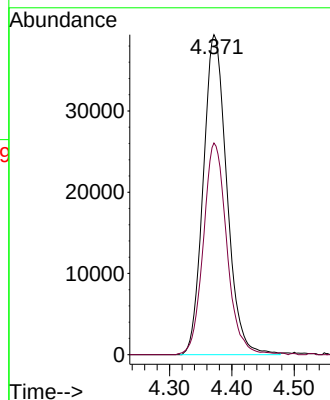
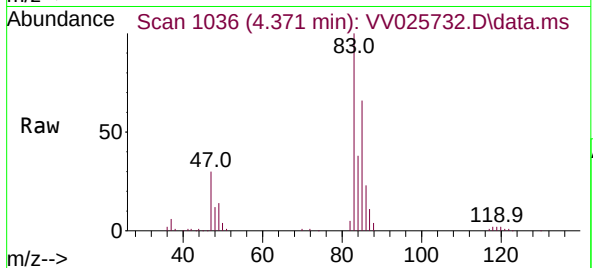
VSTD005395

Tgt Ion: 83 Resp: 103374

Ion Ratio Lower Upper

83 100

85 66.2 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.444 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025732.D

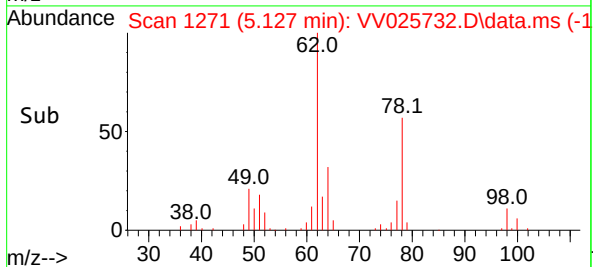
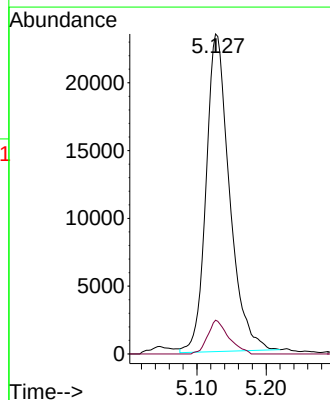
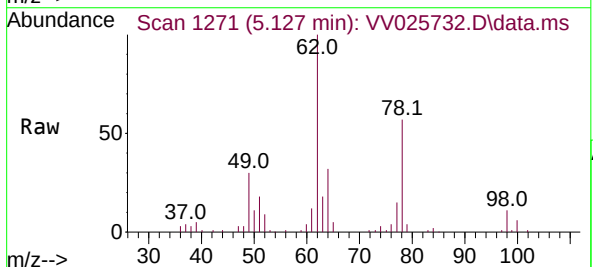
Acq: 26 Apr 2022 15:12

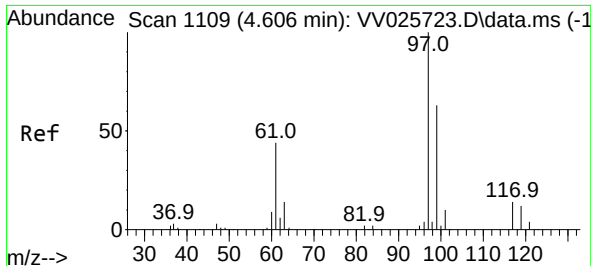
Tgt Ion: 62 Resp: 54998

Ion Ratio Lower Upper

62 100

98 10.6 8.8 13.2

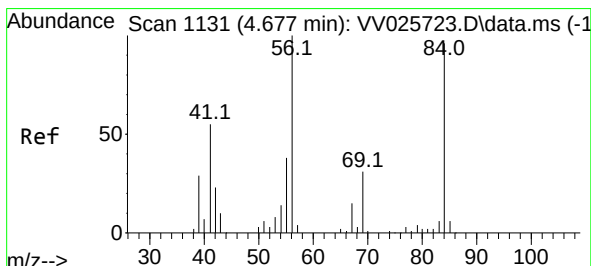
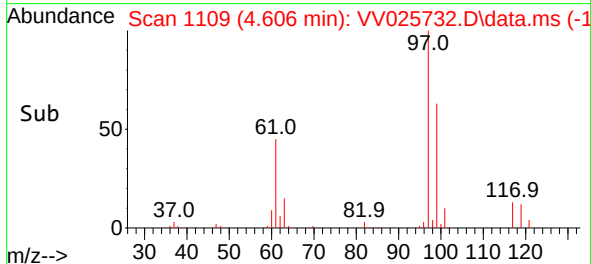
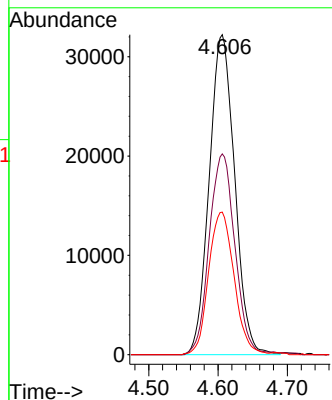
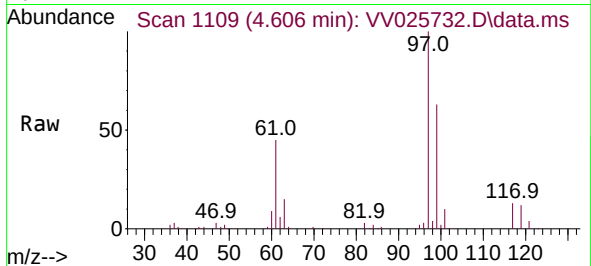




#29
1,1,1-Trichloroethane
Concen: 4.681 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

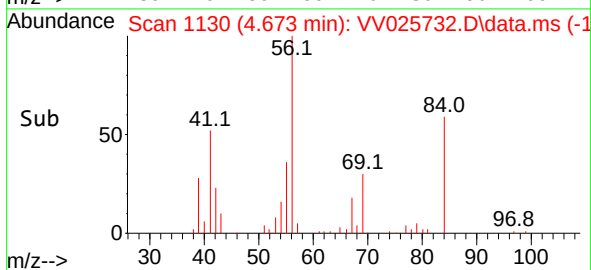
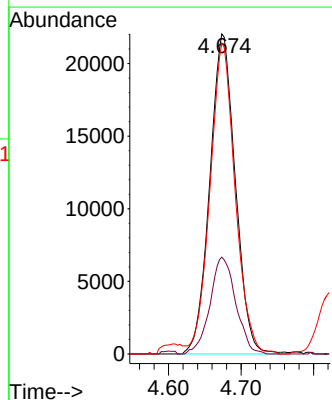
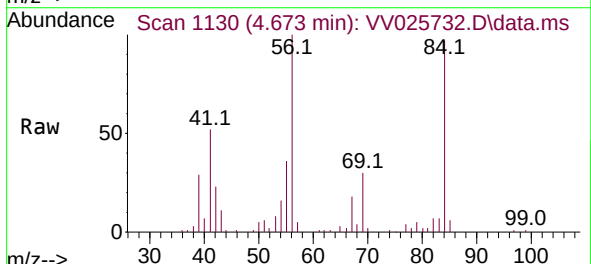
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

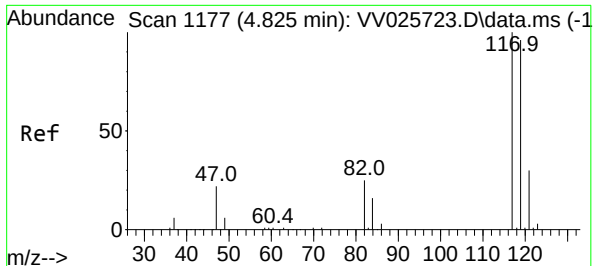
Tgt Ion:	97	Resp:	82249
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.5	77.3
61	44.6	34.3	51.5



#30
Cyclohexane
Concen: 3.373 ug/L
RT: 4.673 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:	56	Resp:	53889
Ion	Ratio	Lower	Upper
56	100		
69	30.5	26.1	39.1
84	95.6	78.6	118.0

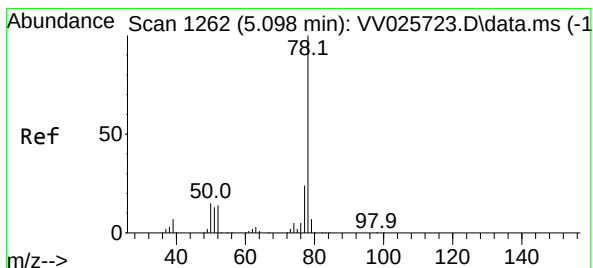
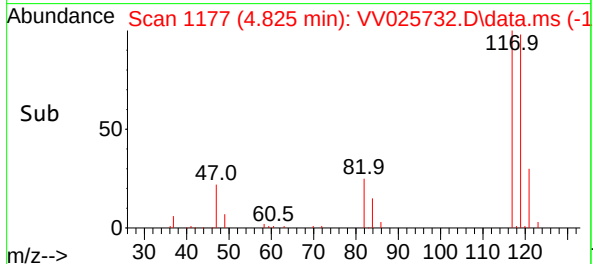
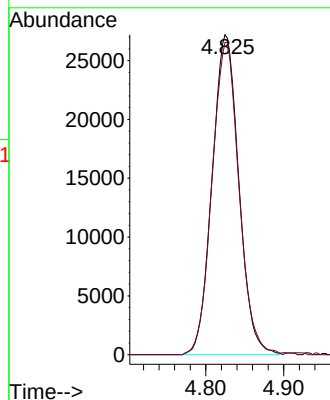
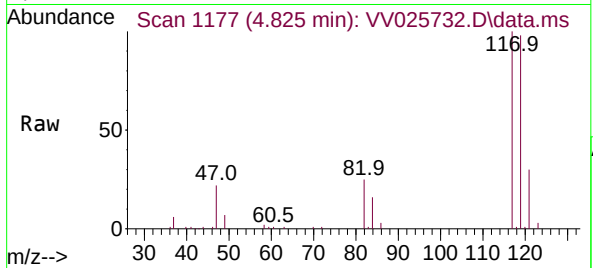




#31
Carbon tetrachloride
Concen: 4.360 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

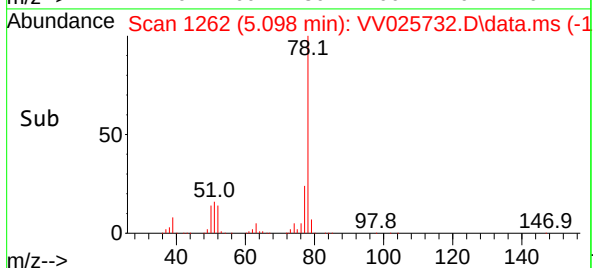
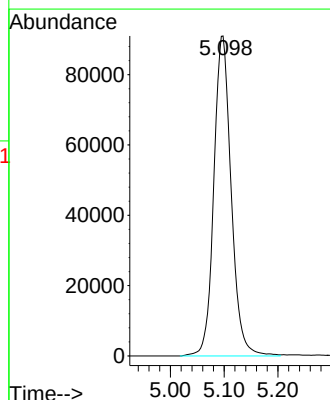
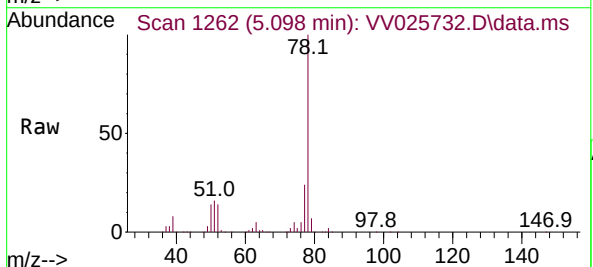
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

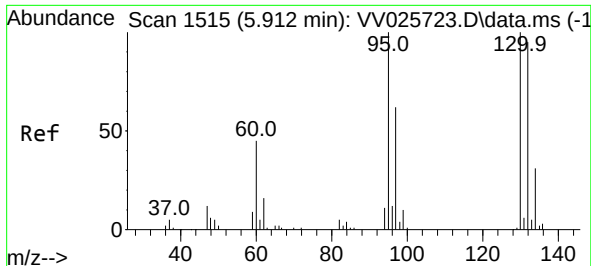
Tgt Ion:117 Resp: 64803
Ion Ratio Lower Upper
117 100
119 98.7 76.6 114.8



#33
Benzene
Concen: 4.640 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion: 78 Resp: 204203



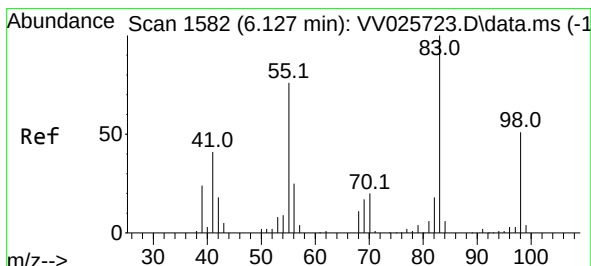
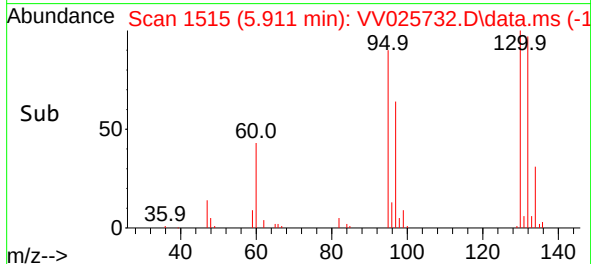
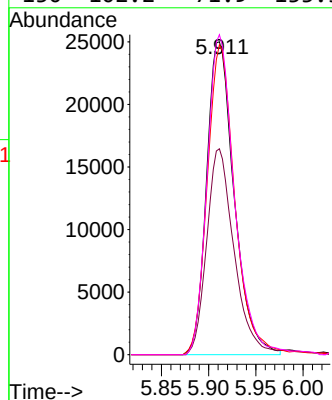
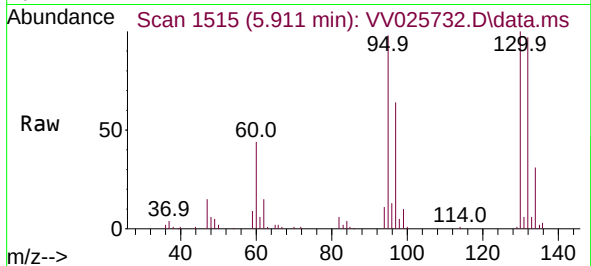


#34
Trichloroethene
Concen: 4.337 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

Tgt Ion: 95 Resp: 50678

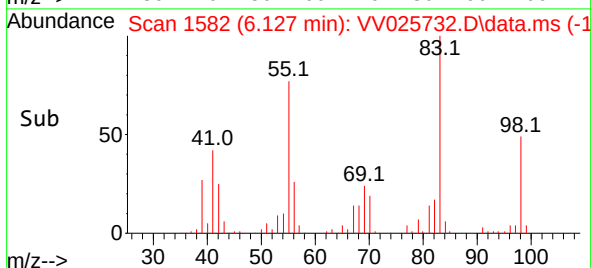
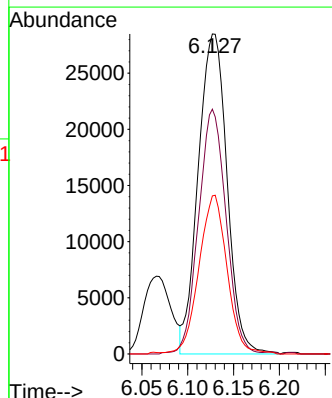
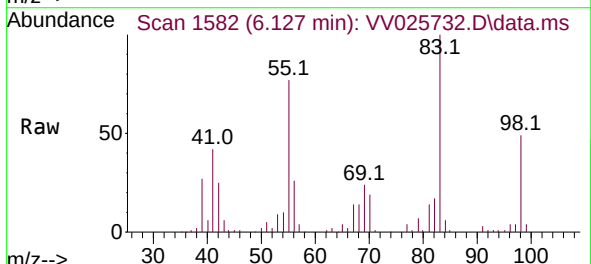
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.8	85.2
132	99.0	68.0	126.4
130	102.2	71.9	133.5

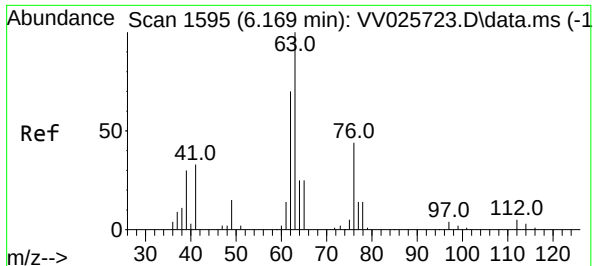


#35
Methylcyclohexane
Concen: 3.342 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion: 83 Resp: 62314

Ion	Ratio	Lower	Upper
83	100		
55	73.1	53.7	80.5
98	48.5	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.085 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

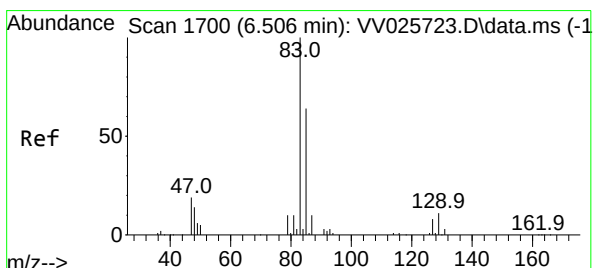
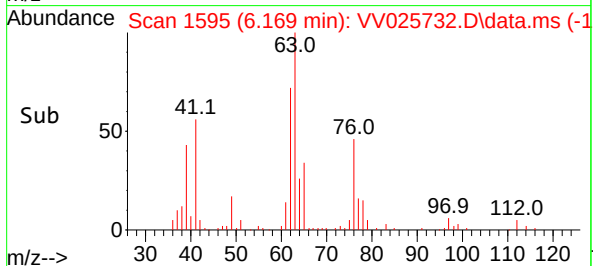
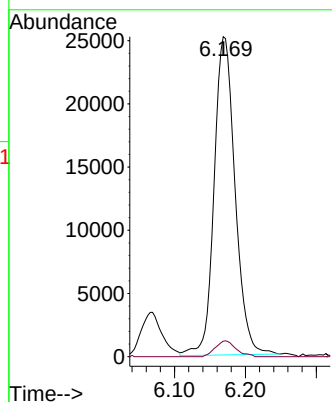
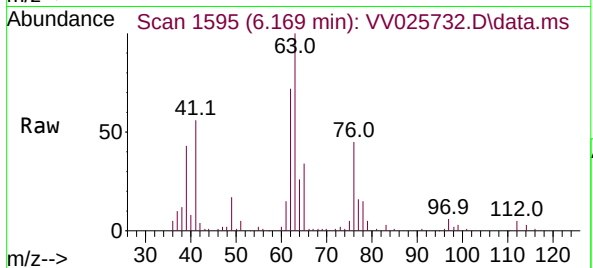
VSTD005395

Tgt Ion: 63 Resp: 51770

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 5.296 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

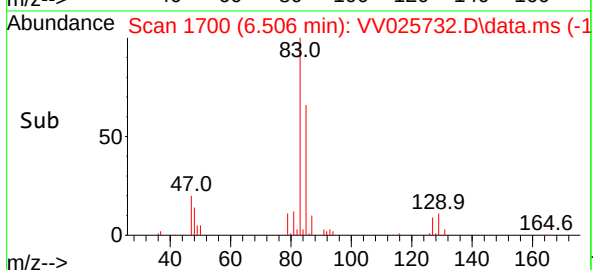
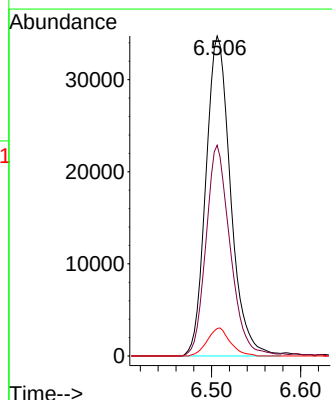
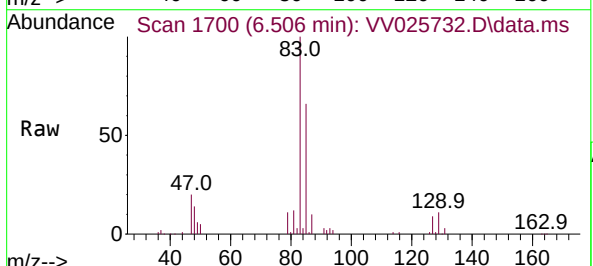
Tgt Ion: 83 Resp: 66938

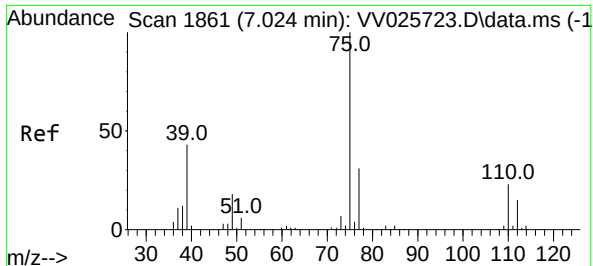
Ion Ratio Lower Upper

83 100

85 65.8 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.694 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

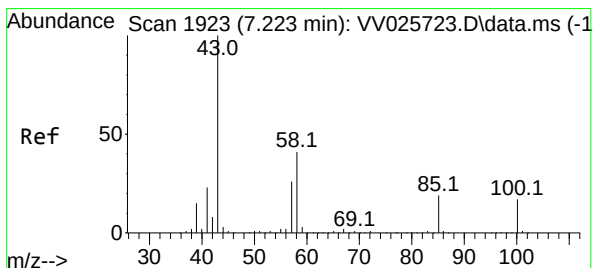
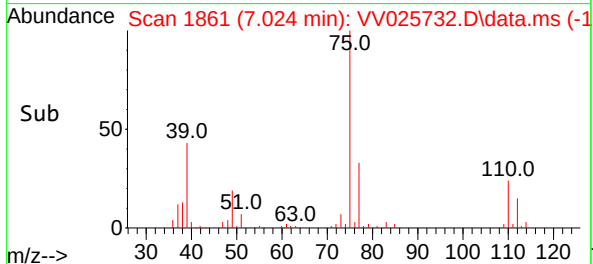
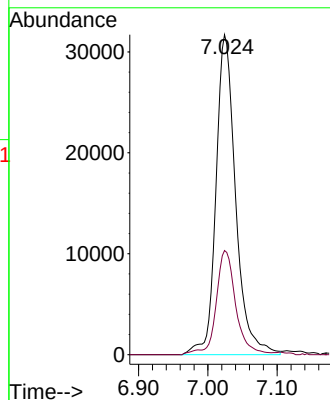
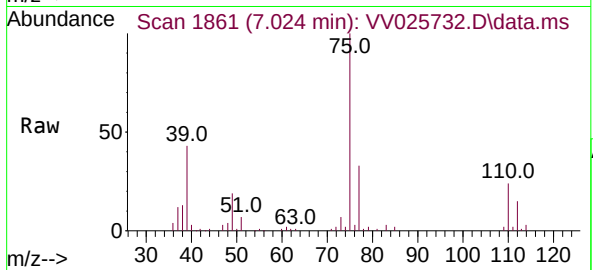
VSTD005395

Tgt Ion: 75 Resp: 62628

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.512 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

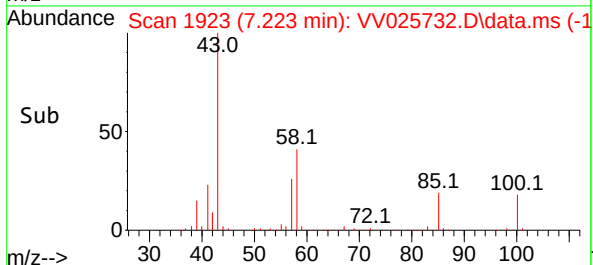
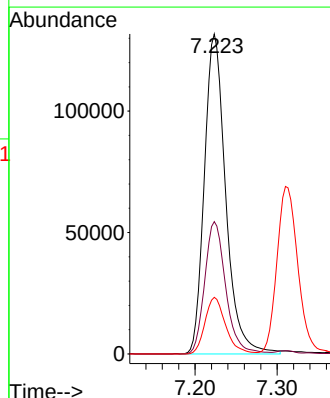
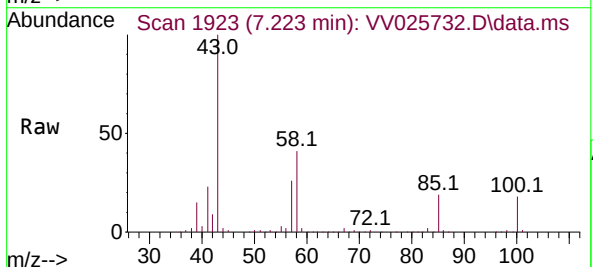
Tgt Ion: 43 Resp: 238545

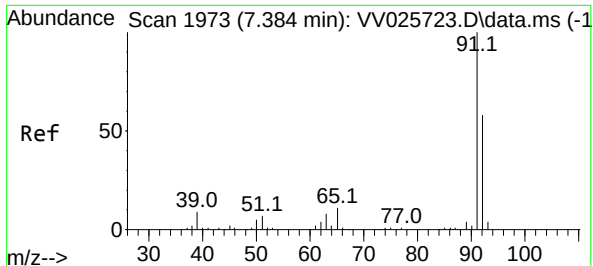
Ion Ratio Lower Upper

43 100

58 40.8 35.1 52.7

100 17.1 15.3 22.9





#42

Toluene

Concen: 4.369 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

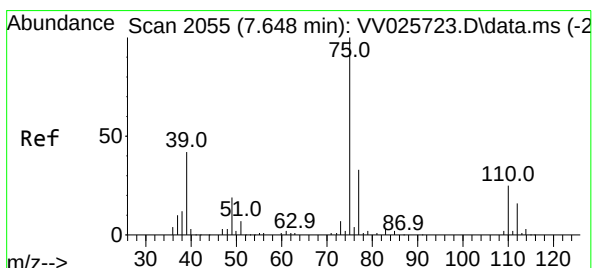
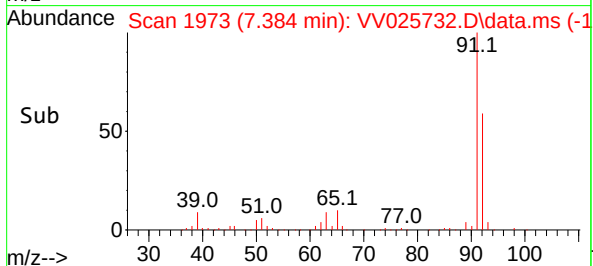
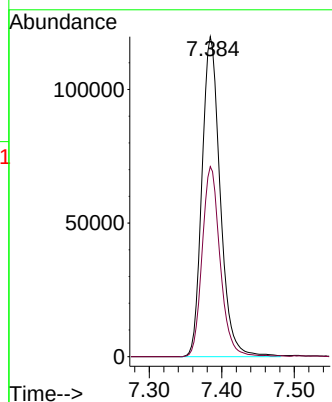
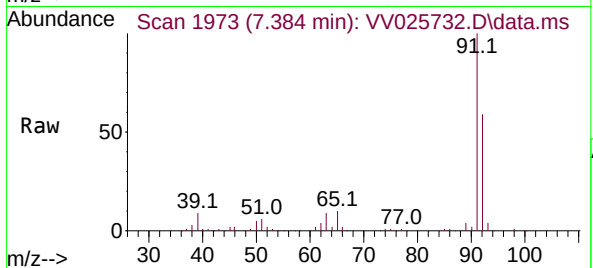
VSTD005395

Tgt Ion: 91 Resp: 209165

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.857 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025732.D

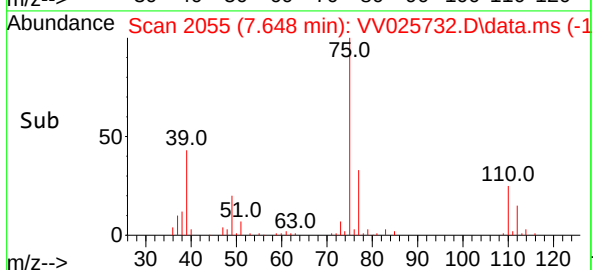
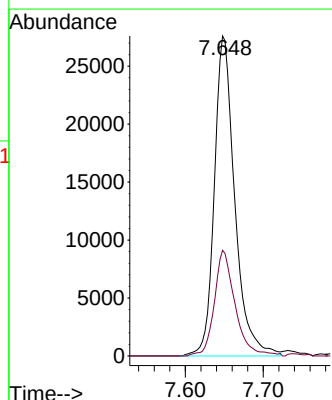
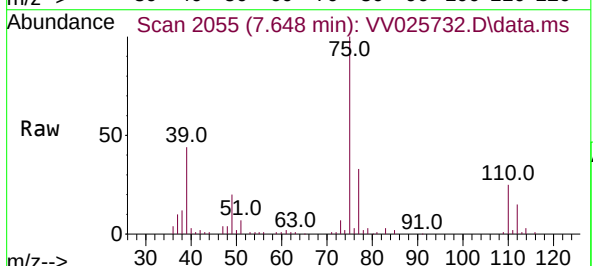
Acq: 26 Apr 2022 15:12

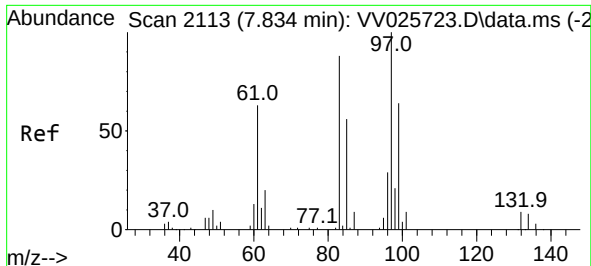
Tgt Ion: 75 Resp: 50347

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.278 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005395

Tgt Ion: 97 Resp: 35987

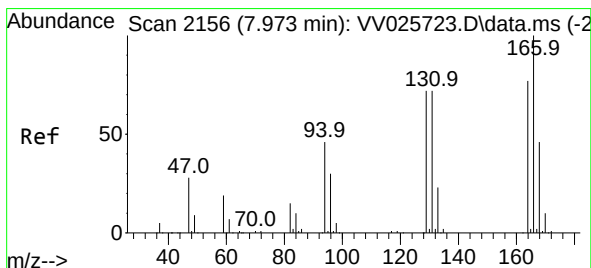
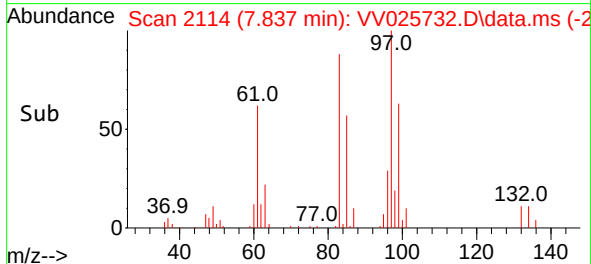
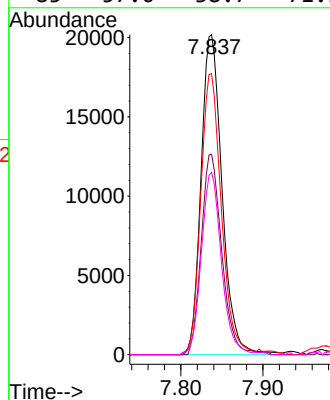
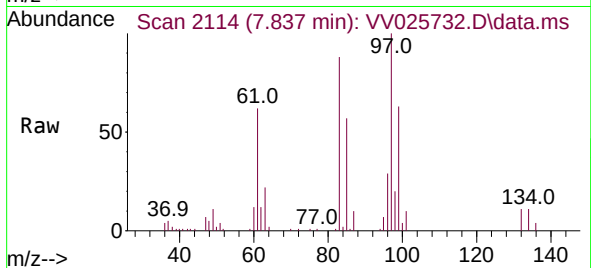
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.4

83 87.8 60.3 112.1

85 57.0 38.7 71.9



#47

Tetrachloroethene

Concen: 3.821 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Tgt Ion:164 Resp: 34961

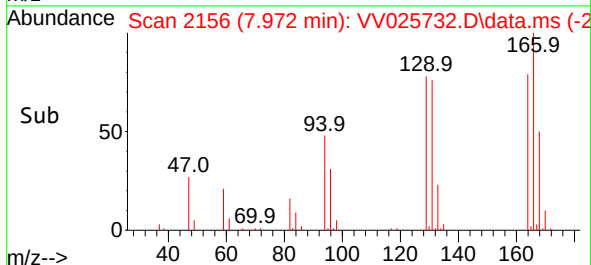
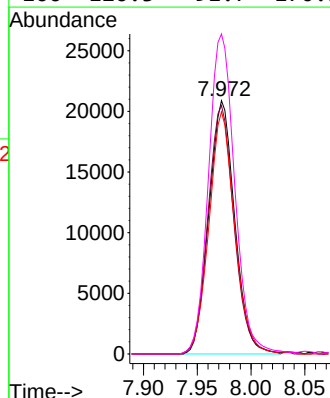
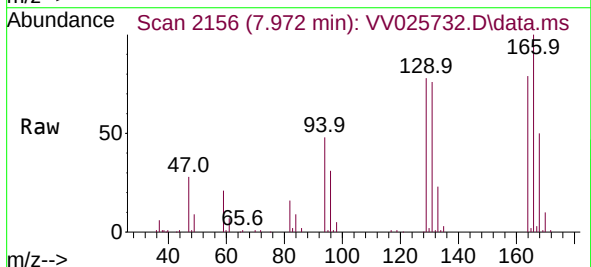
Ion Ratio Lower Upper

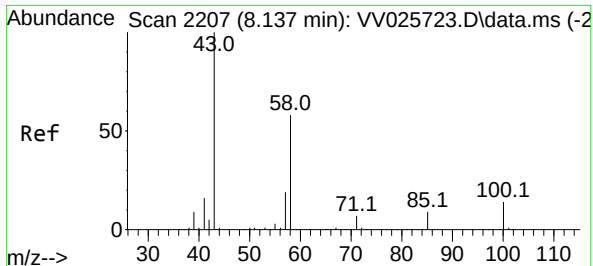
164 100

129 98.1 66.8 124.2

131 95.6 66.4 123.4

166 126.3 91.7 170.3

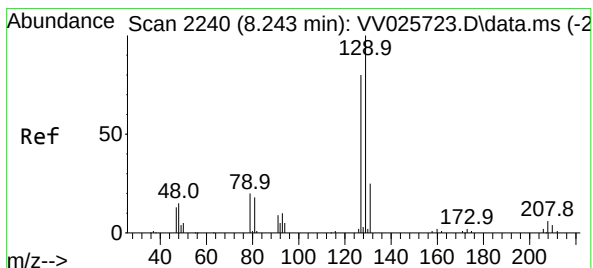
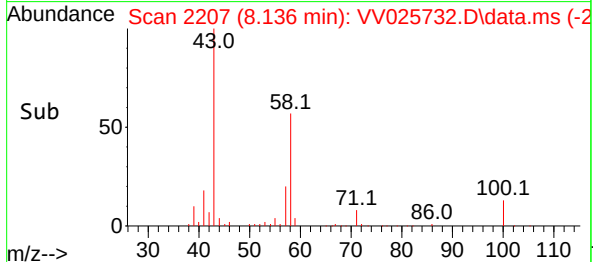
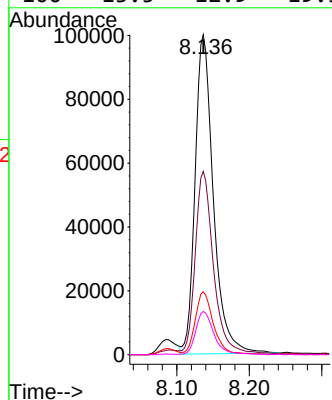
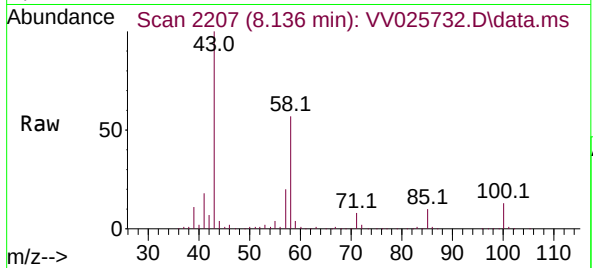




#48
2-Hexanone
Concen: 61.724 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

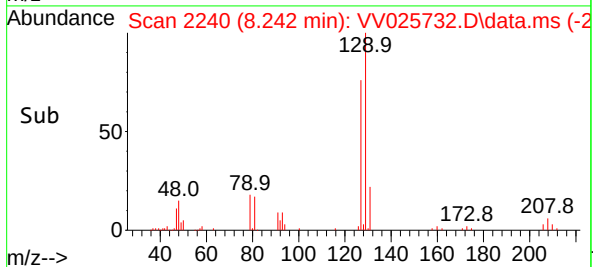
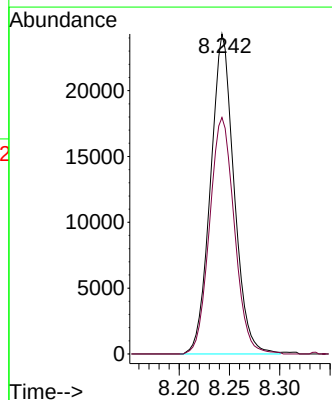
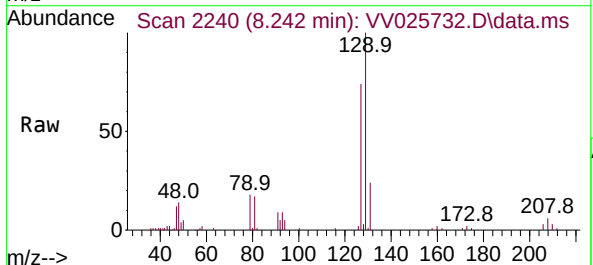
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

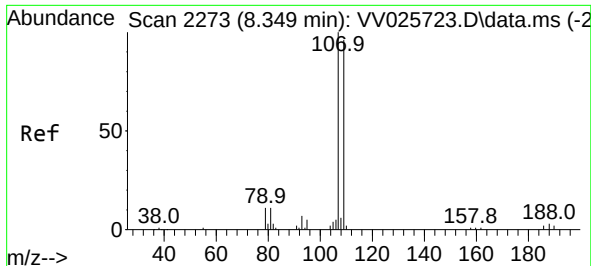
Tgt Ion: 43 Resp: 175367
Ion Ratio Lower Upper
43 100
58 57.2 49.7 74.5
57 19.6 16.4 24.6
100 13.5 12.9 19.3



#49
Dibromochloromethane
Concen: 5.290 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion: 129 Resp: 39599
Ion Ratio Lower Upper
129 100
127 73.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.689 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005395

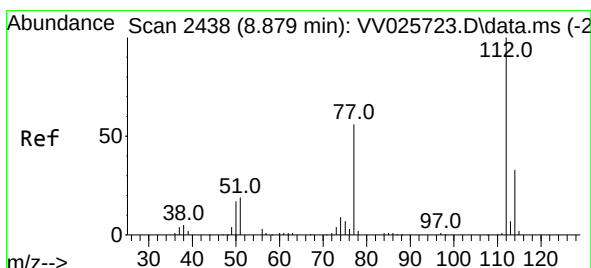
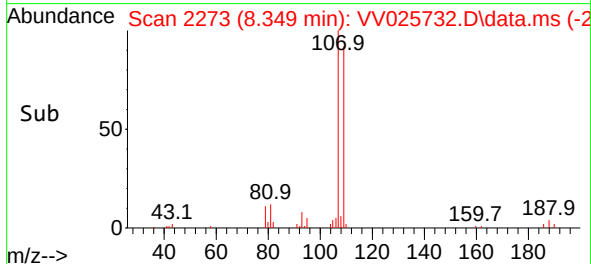
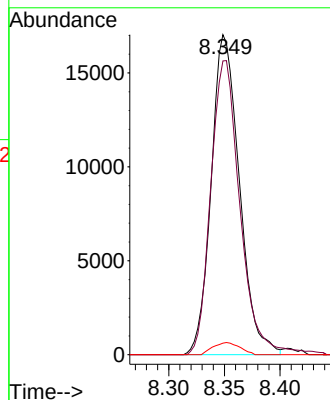
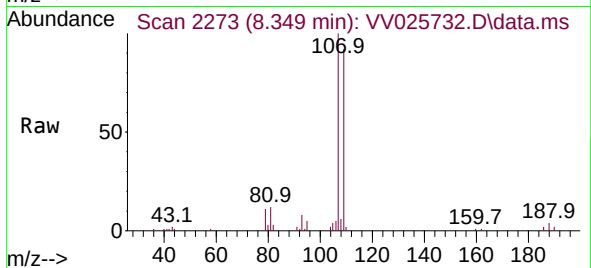
Tgt Ion:107 Resp: 30032

Ion Ratio Lower Upper

107 100

109 91.8 65.9 122.3

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 4.348 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

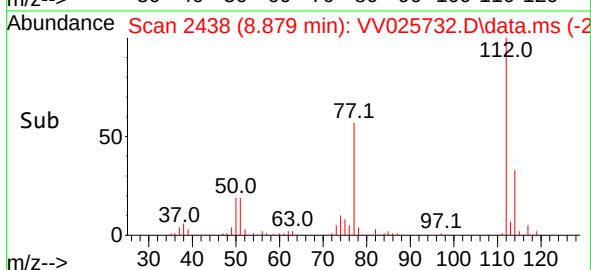
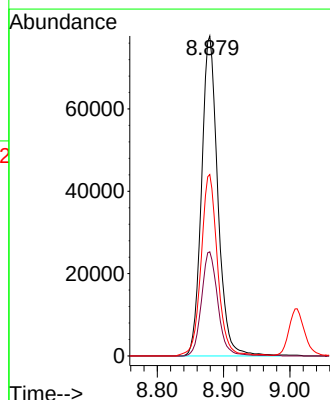
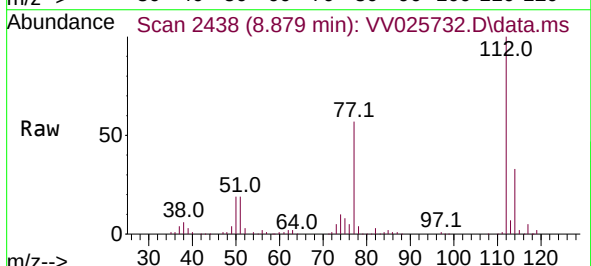
Tgt Ion:112 Resp: 132904

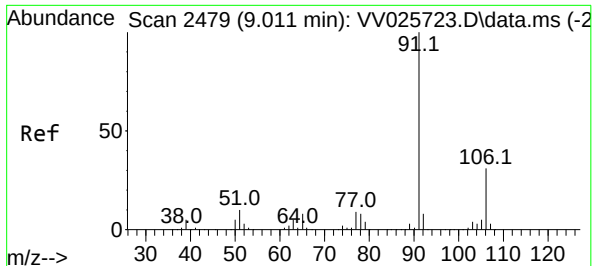
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 56.7 43.7 65.5





#52

Ethylbenzene

Concen: 3.927 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

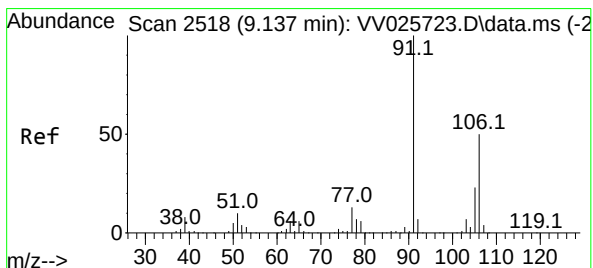
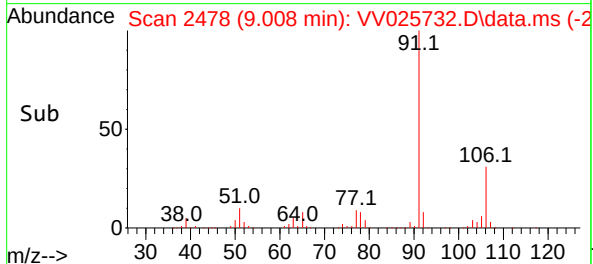
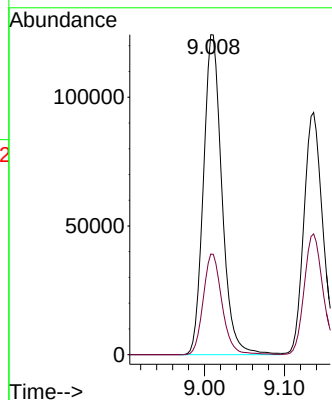
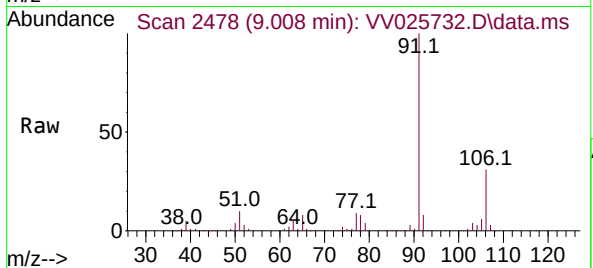
VSTD005395

Tgt Ion: 91 Resp: 200487

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.3



#53

m,p-Xylene

Concen: 4.017 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025732.D

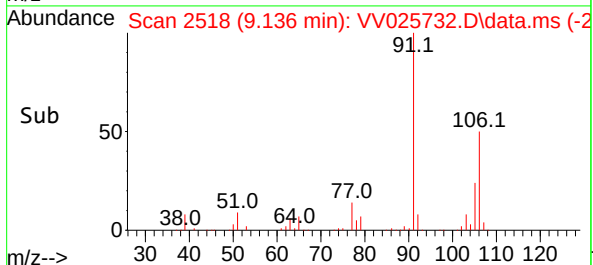
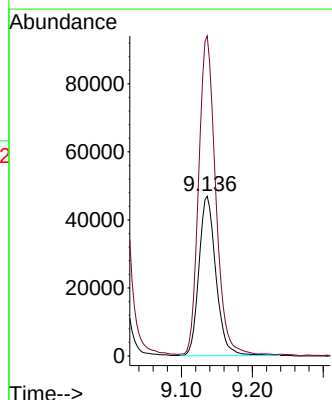
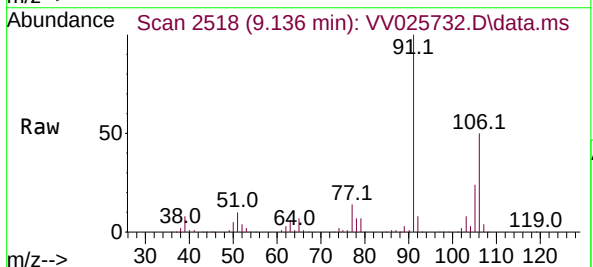
Acq: 26 Apr 2022 15:12

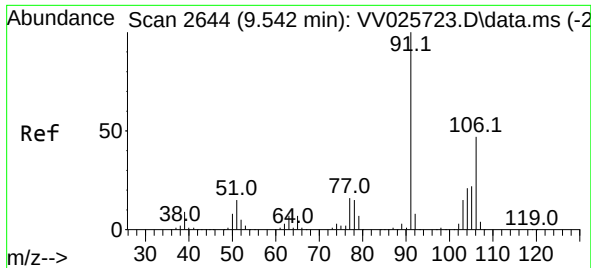
Tgt Ion: 106 Resp: 77994

Ion Ratio Lower Upper

106 100

91 200.4 136.4 253.4

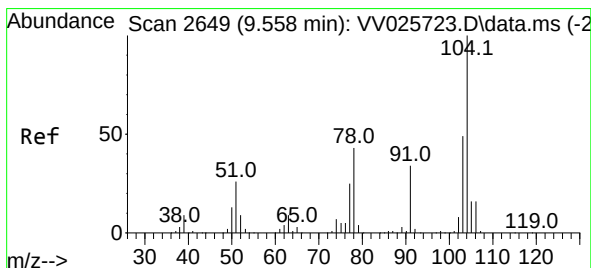
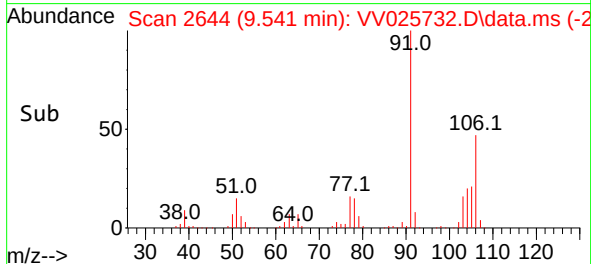
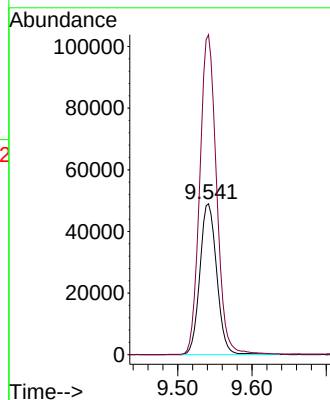
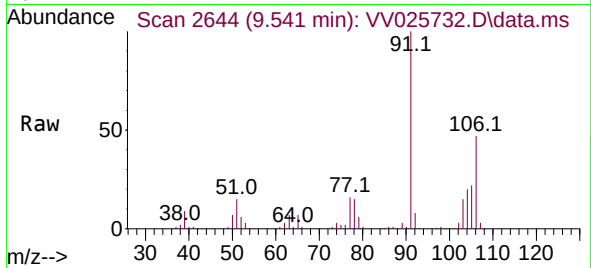




#54
o-Xylene
Concen: 4.112 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

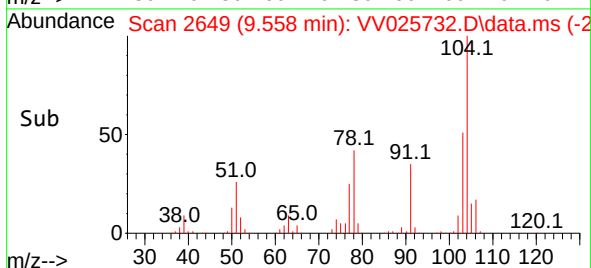
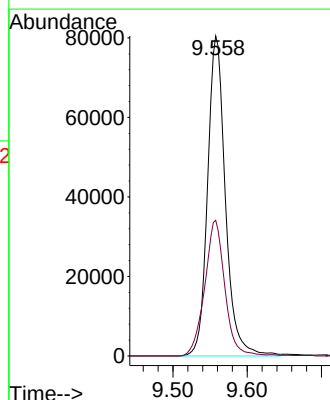
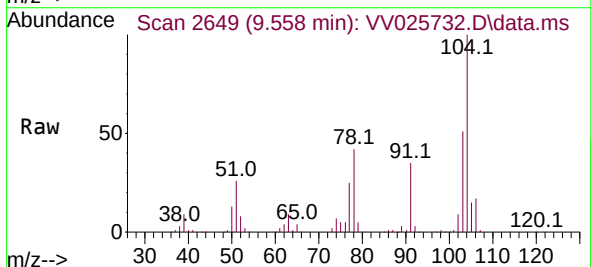
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

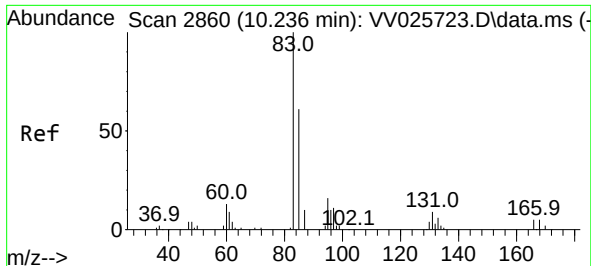
Tgt Ion:106 Resp: 77539
Ion Ratio Lower Upper
106 100
91 212.2 150.4 279.2



#55
Styrene
Concen: 4.367 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:104 Resp: 133914
Ion Ratio Lower Upper
104 100
78 42.4 28.3 52.7





#57

1,1,2-Tetrachloroethane

Concen: 4.973 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005395

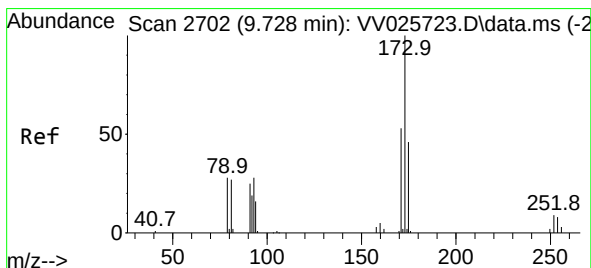
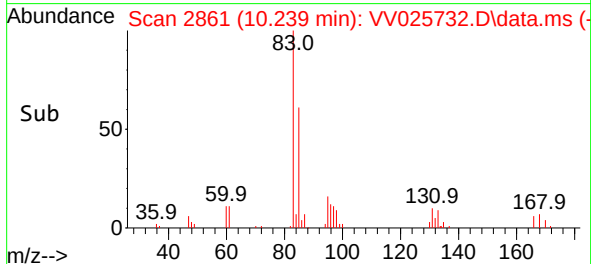
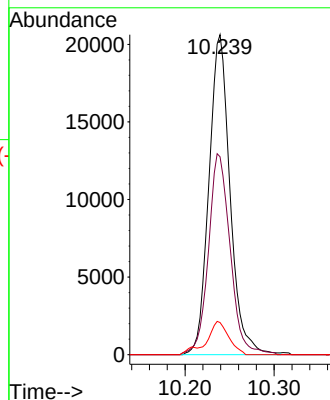
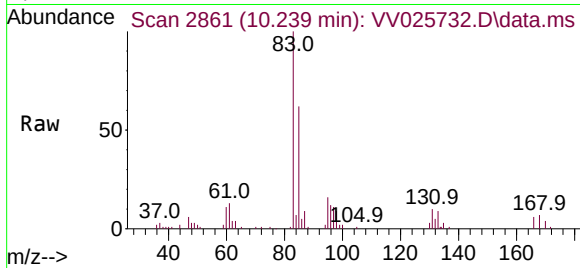
Tgt Ion: 83 Resp: 33879

Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

131 10.1 7.9 11.9



#59

Bromoform

Concen: 5.327 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

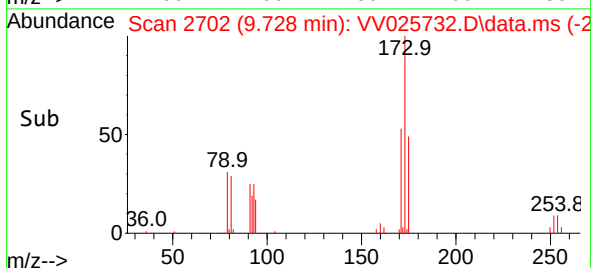
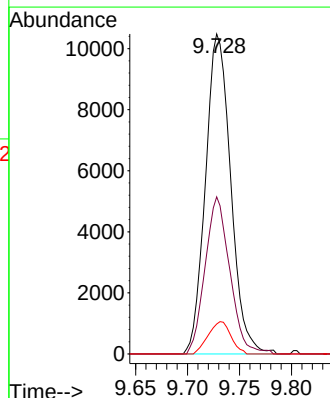
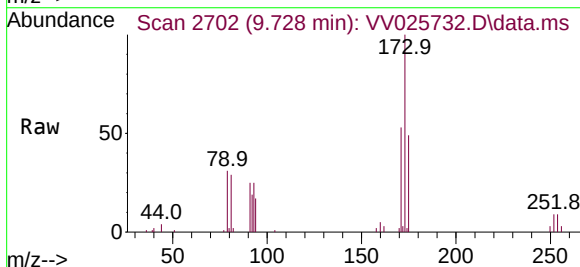
Tgt Ion: 173 Resp: 17690

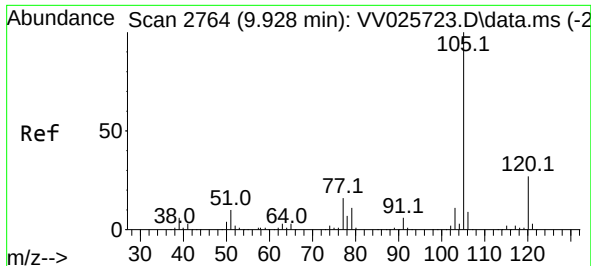
Ion Ratio Lower Upper

173 100

175 48.0 40.8 61.2

254 9.1 7.0 10.6

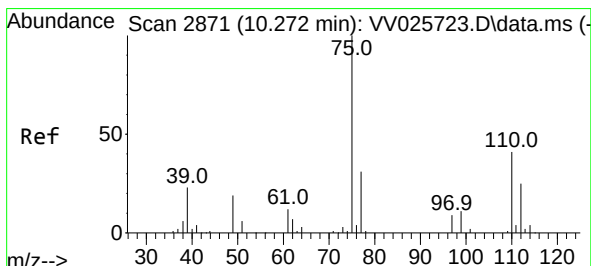
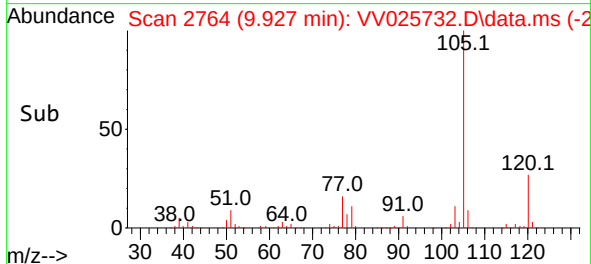
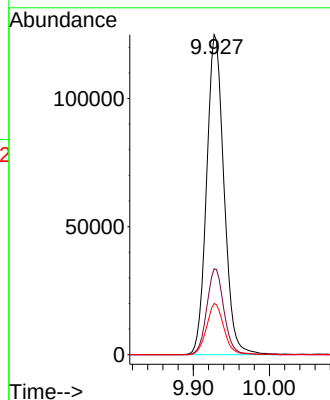
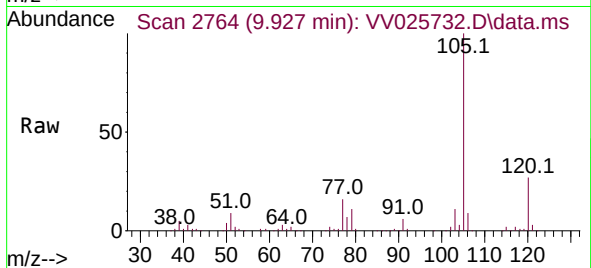




#60
Isopropylbenzene
Concen: 3.979 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

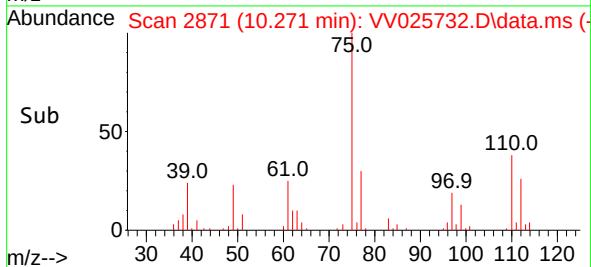
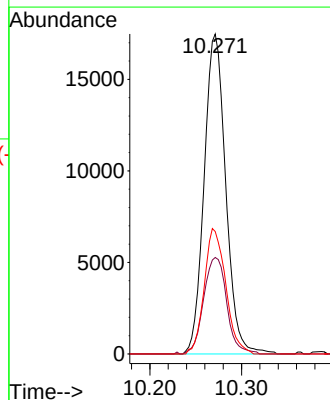
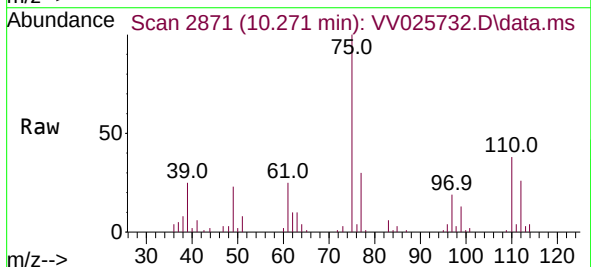
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

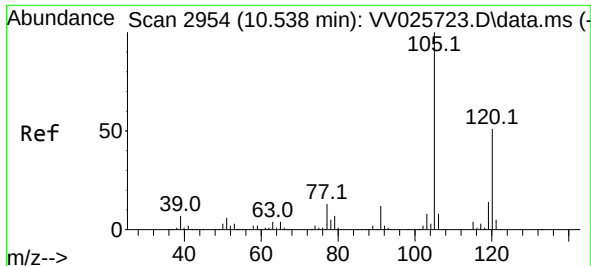
Tgt Ion:105 Resp: 198161
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 16.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.405 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion: 75 Resp: 28639
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 38.9 34.7 52.1

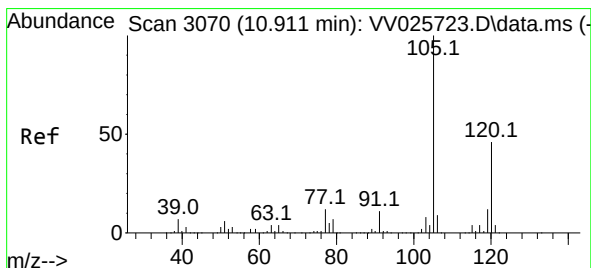
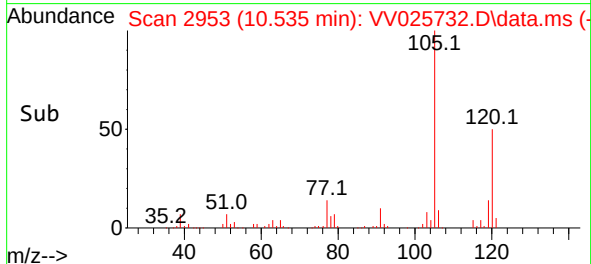
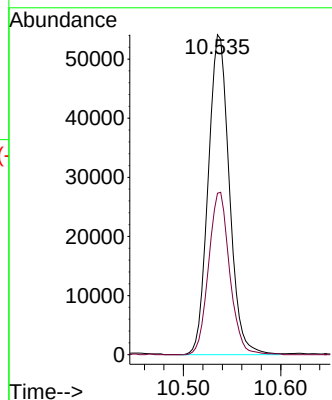
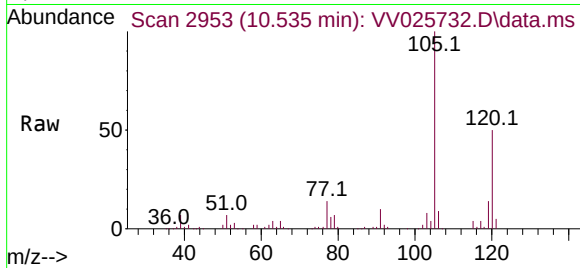




#62
1,3,5-Trimethylbenzene
Concen: 3.673 ug/L
RT: 10.535 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

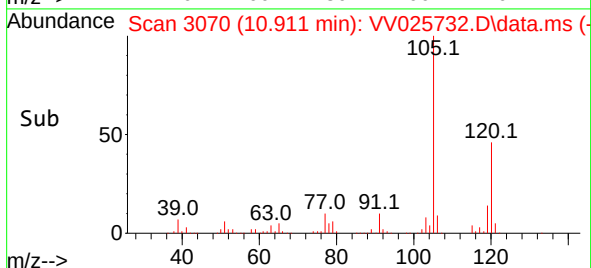
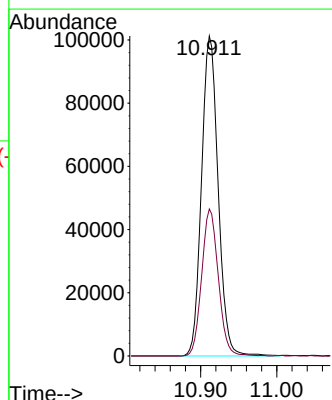
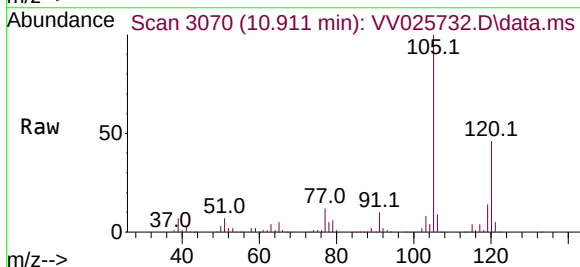
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

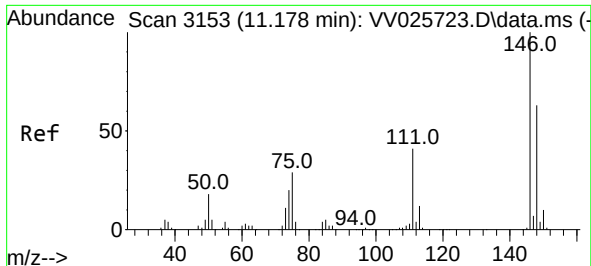
Tgt Ion:105 Resp: 81575
Ion Ratio Lower Upper
105 100
120 50.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 3.834 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:105 Resp: 153400
Ion Ratio Lower Upper
105 100
120 46.0 36.6 55.0

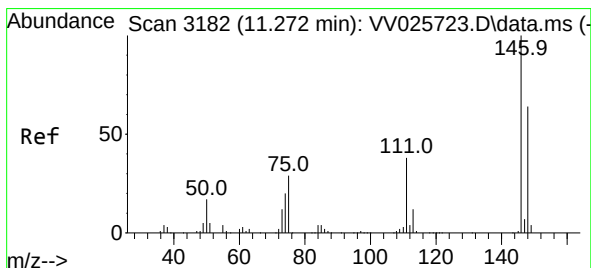
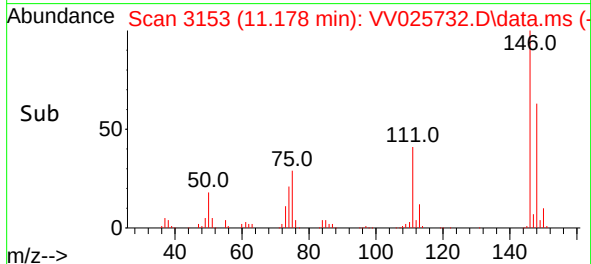
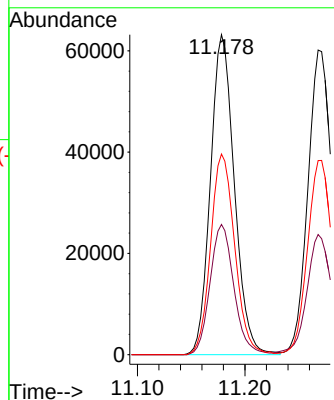
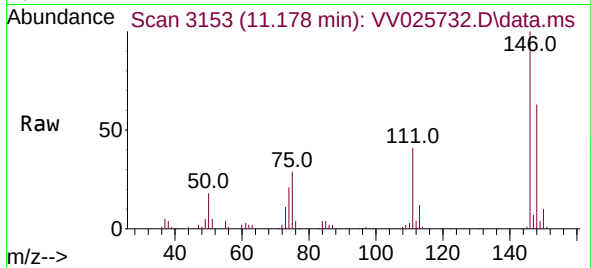




#64
1,3-Dichlorobenzene
Concen: 4.206 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

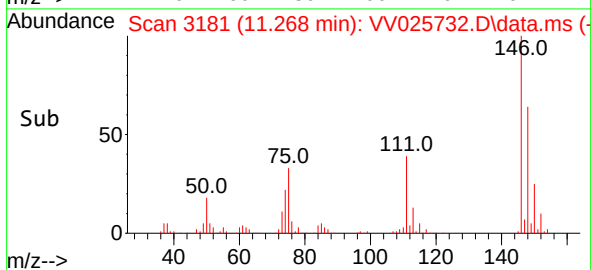
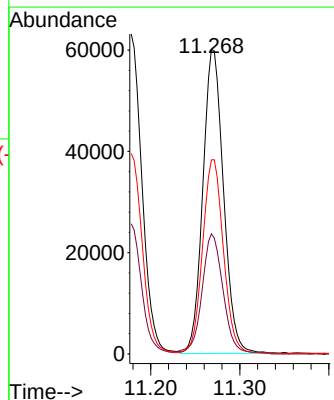
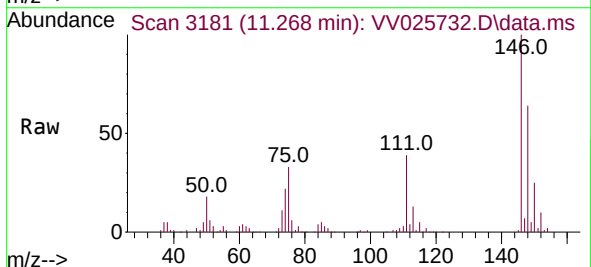
Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

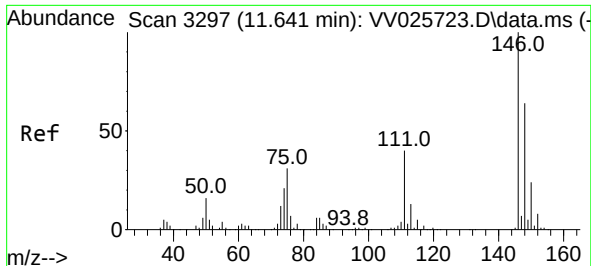
Tgt Ion:146 Resp: 97771
Ion Ratio Lower Upper
146 100
111 40.7 27.4 50.8
148 62.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.099 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:146 Resp: 96735
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 63.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.361 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005395

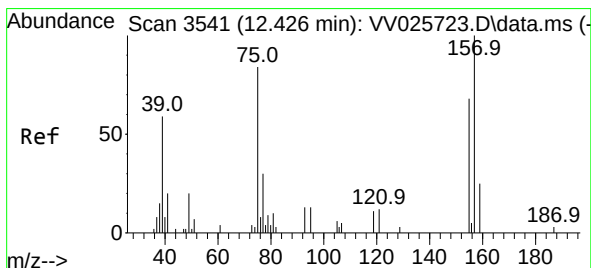
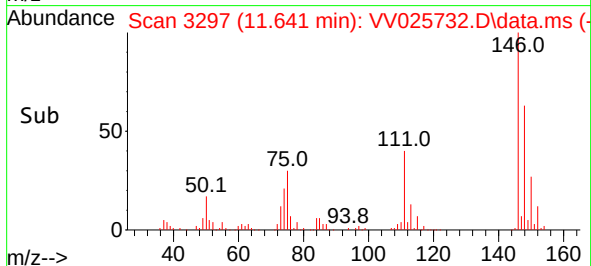
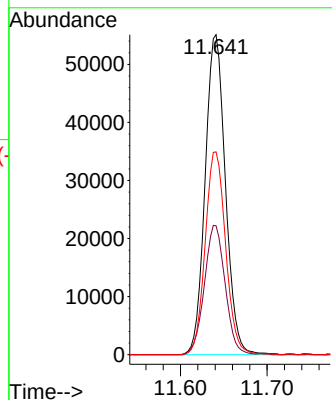
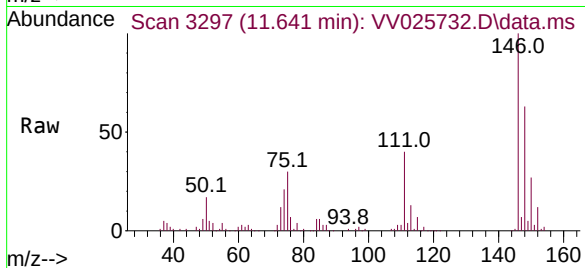
Tgt Ion:146 Resp: 89770

Ion Ratio Lower Upper

146 100

111 40.3 33.6 50.4

148 63.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.496 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025732.D

Acq: 26 Apr 2022 15:12

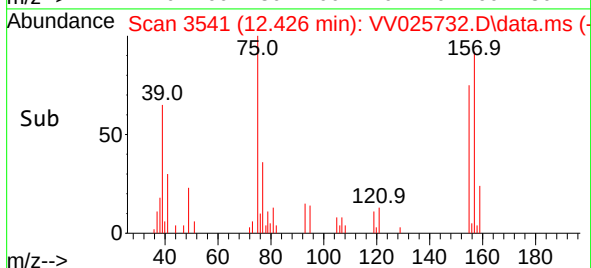
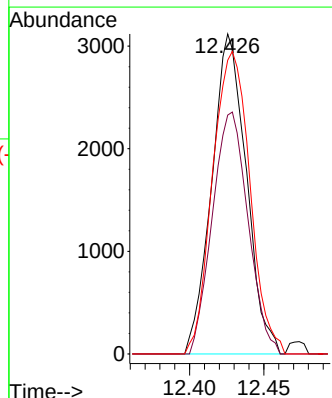
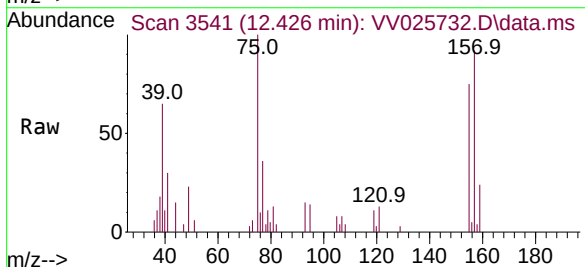
Tgt Ion: 75 Resp: 5035

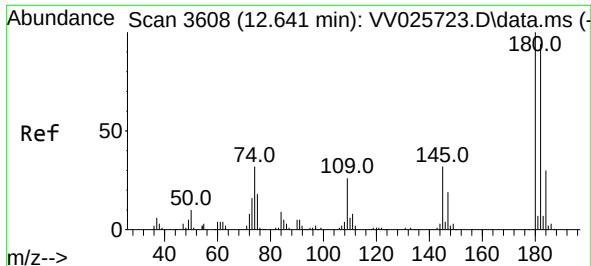
Ion Ratio Lower Upper

75 100

155 74.6 65.8 98.8

157 91.8 86.6 130.0

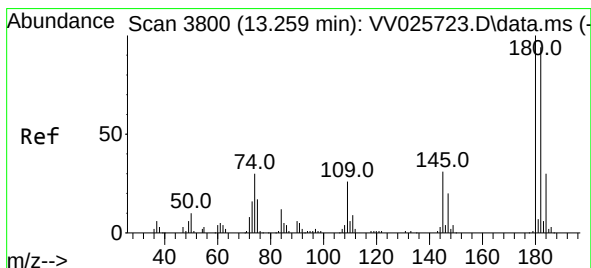
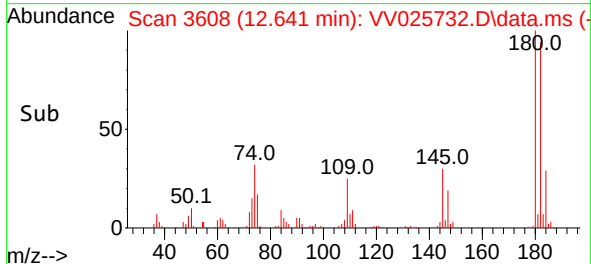
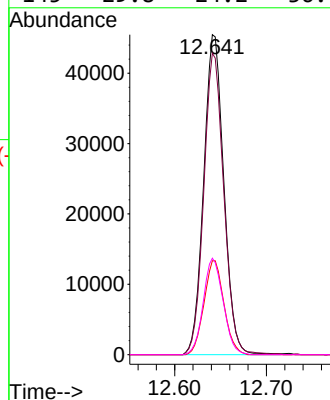
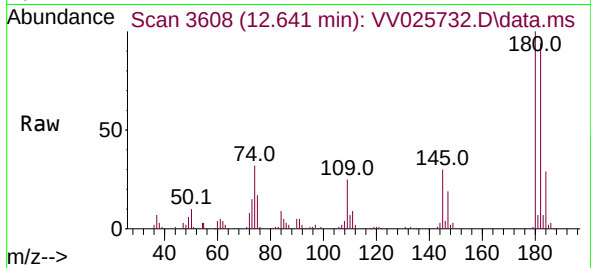




#69
 1,3,5-Trichlorobenzene
 Concen: 3.918 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

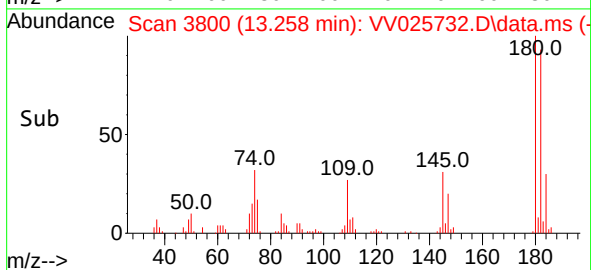
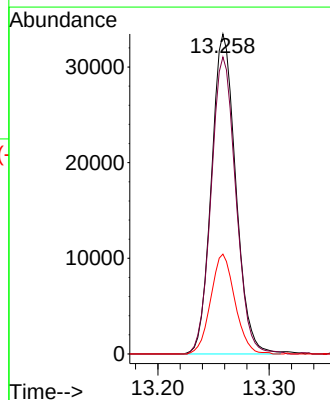
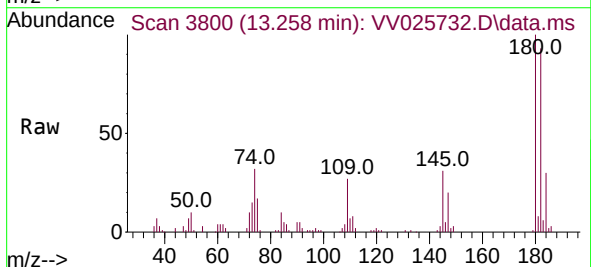
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

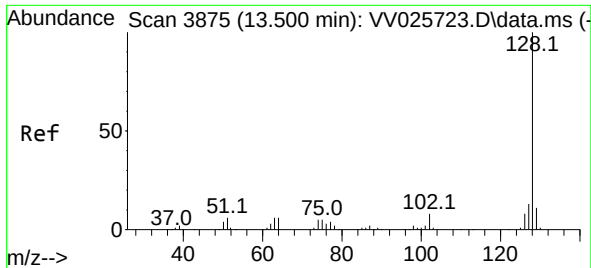
Tgt Ion:180	Resp:	69289
Ion Ratio	Lower	Upper
180	100	
182	93.7	75.3 112.9
184	29.2	23.4 35.2
145	29.8	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 3.725 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025732.D
 Acq: 26 Apr 2022 15:12

Tgt Ion:180	Resp:	50787
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.6 114.8
145	31.0	24.6 36.8

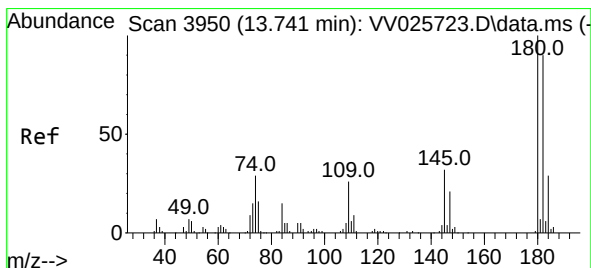
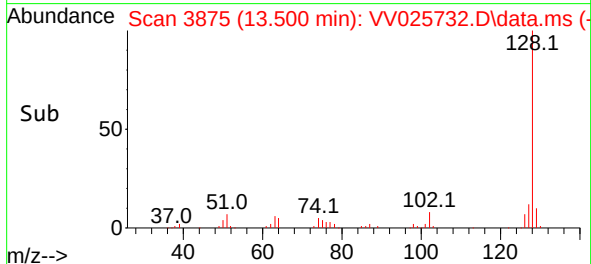
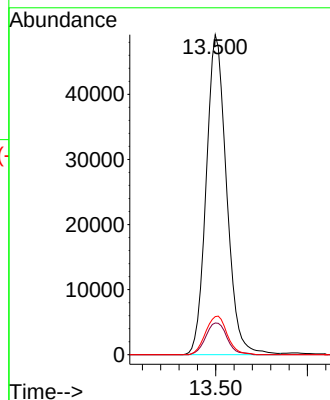
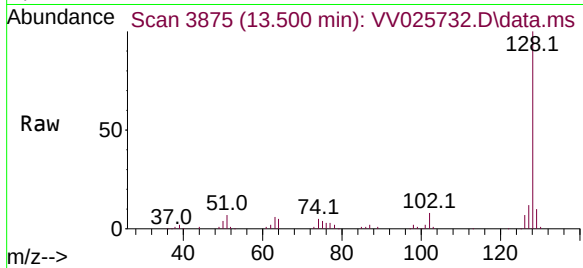




#71
Naphthalene
Concen: 3.782 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

Tgt Ion:128	Resp:	75651
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.8 13.2
127	12.8	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.813 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025732.D
Acq: 26 Apr 2022 15:12

Tgt Ion:180	Resp:	43050
Ion Ratio	Lower	Upper
180	100	
182	97.0	77.7 116.5
145	32.8	27.4 41.2

