

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026504.D
 Acq On : 23 Jun 2022 10:25
 Operator : SY/MD
 Sample : VSTD0.573
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5273

Quant Time: Jun 24 00:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	208935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	8846	0.503	ug/L	0.00
7) Chloroethane-d5	1.581	69	7076	0.504	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	15667	0.511	ug/L	0.00
20) 2-Butanone-d5	3.986	46	2542	1.430	ug/L	0.06
24) Chloroform-d	4.365	84	13799	0.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.050	65	5130	0.467	ug/L	0.00
32) Benzene-d6	5.063	84	26285	0.522	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	7077	0.450	ug/L	0.00
41) Toluene-d8	7.323	98	21933	0.479	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.641	79	1247	0.278	ug/L	0.02
46) 2-Hexanone-d5	8.108	63	5040	3.579	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4718	0.525	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7183	0.557	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	8492	0.546	ug/L	98
3) Chloromethane	1.253	50	10739	0.624	ug/L	98
5) Vinyl chloride	1.323	62	10496	0.586	ug/L #	1
6) Bromomethane	1.536	94	5989	0.606	ug/L	96
8) Chloroethane	1.597	64	13256	1.162	ug/L #	76
9) Trichlorofluoromethane	1.764	101	14866	0.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	8717	0.600	ug/L	98
12) 1,1-Dichloroethene	2.130	96	7479	0.563	ug/L	91
13) Acetone	2.224	43	1687	1.410	ug/L	97
14) Carbon disulfide	2.304	76	19938	0.603	ug/L	95
15) Methyl Acetate	2.471	43	860	0.279	ug/L #	87
16) Methylene chloride	2.519	84	9288	0.558	ug/L	90
17) Methyl tert-butyl Ether	2.786	73	11448	0.515	ug/L	98
18) trans-1,2-Dichloroethene	2.773	96	7953	0.612	ug/L	93
19) 1,1-Dichloroethane	3.204	63	14524	0.595	ug/L	99
21) 2-Butanone	4.101	43	881	0.515	ug/L	74
22) cis-1,2-Dichloroethene	3.934	96	7080	0.540	ug/L	96
23) Bromochloromethane	4.269	128	2956	0.540	ug/L	89
25) Chloroform	4.384	83	15737	0.596	ug/L	100
27) 1,2-Dichloroethane	5.143	62	6459	0.541	ug/L #	94
29) 1,1,1-Trichloroethane	4.619	97	12320	0.584	ug/L	99
30) Cyclohexane	4.680	56	8602	0.536	ug/L	93
31) Carbon tetrachloride	4.838	117	10714	0.598	ug/L	95
33) Benzene	5.111	78	27744	0.563	ug/L	100
34) Trichloroethene	5.924	95	8150	0.610	ug/L	94
35) Methylcyclohexane	6.133	83	10538	0.556	ug/L	99
37) 1,2-Dichloropropane	6.178	63	7089	0.565	ug/L	99
38) Bromodichloromethane	5.516	83	8164	0.539	ug/L #	88
39) cis-1,3-Dichloropropene	7.043	75	5574	0.403	ug/L	86
40) 4-Methyl-2-pentanone	7.236	43	18769	4.190	ug/L	97
42) Toluene	7.394	91	26328	0.511	ug/L	97
44) trans-1,3-Dichloropropene	7.667	75	3552	0.324	ug/L	88

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

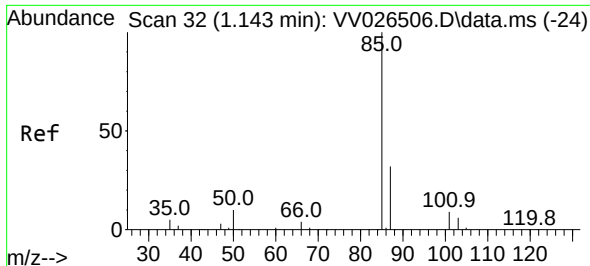
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	4163	0.507	ug/L	95
47) Tetrachloroethene	7.976	164	6015	0.600	ug/L	95
48) 2-Hexanone	8.153	43	11996	3.795	ug/L #	96
49) Dibromochloromethane	8.249	129	4138	0.466	ug/L	97
50) 1,2-Dibromoethane	8.358	107	3714	0.527	ug/L #	97
51) Chlorobenzene	8.882	112	18964	0.565	ug/L	99
52) Ethylbenzene	9.014	91	27271	0.524	ug/L	100
53) m,p-Xylene	9.143	106	10305	0.504	ug/L	82
54) o-Xylene	9.545	106	9363	0.480	ug/L	100
55) Styrene	9.564	104	14253	0.435	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	4533	0.531	ug/L	95
59) Bromoform	9.731	173	1706	0.489	ug/L	98
60) Isopropylbenzene	9.931	105	24274	0.527	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	2713	0.505	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	19451	0.532	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	18066	0.498	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	12885	0.574	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	13126	0.578	ug/L	94
67) 1,2-Dichlorobenzene	11.644	146	10752	0.547	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	648	0.696	ug/L #	64
69) 1,3,5-Trichlorobenzene	12.644	180	9558	0.594	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6151	0.519	ug/L	93
71) Naphthalene	13.506	128	7355	0.455	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	5030	0.513	ug/L	92

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

Instrument :
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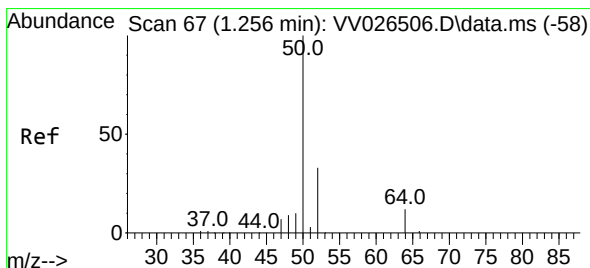
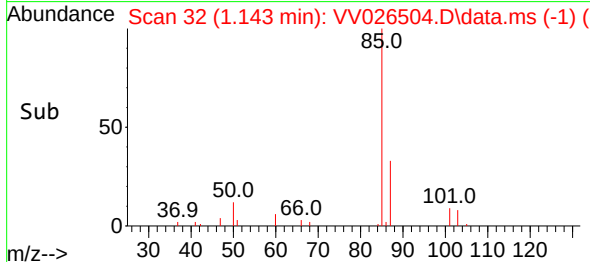
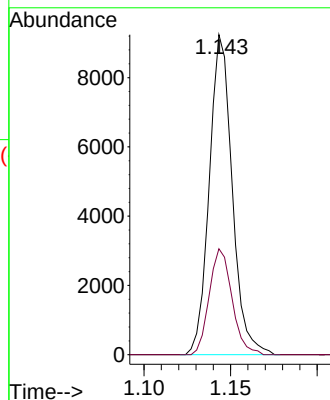
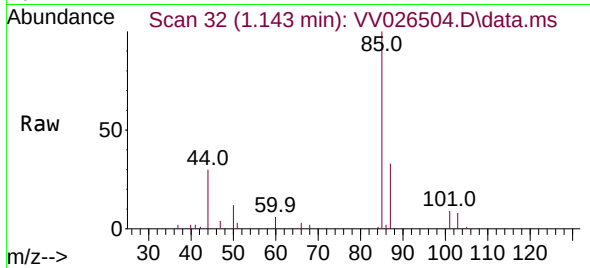
[illegible]



#2
 Dichlorodifluoromethane
 Concen: 0.546 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026504.D
 Acq: 23 Jun 2022 10:25

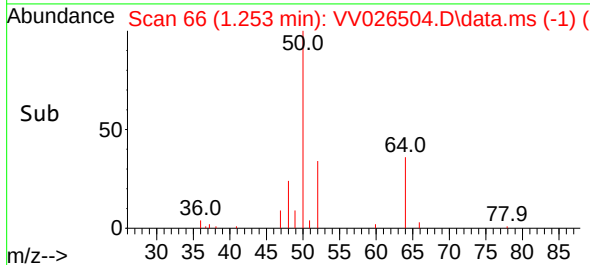
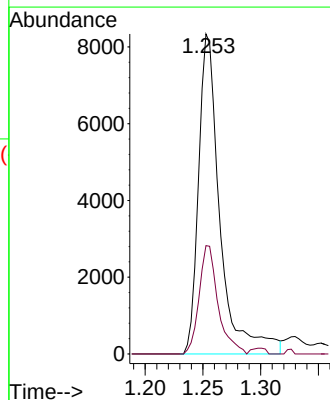
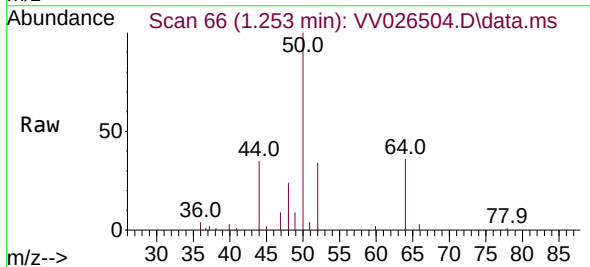
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 ClientSampleId :
 VSTD0.5273

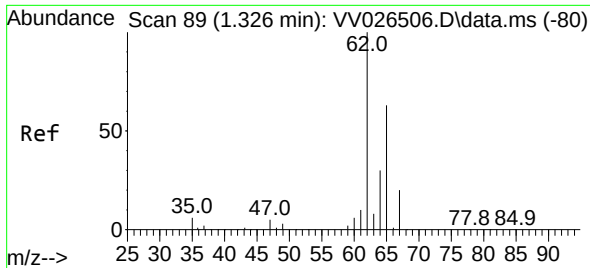
Tgt Ion: 85 Resp: 8492
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 0.624 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.003 min
 Lab File: VV026504.D
 Acq: 23 Jun 2022 10:25

Tgt Ion: 50 Resp: 10739
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.6

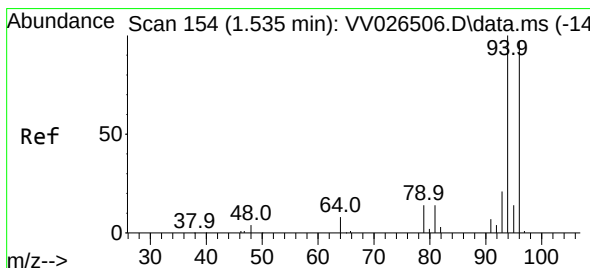
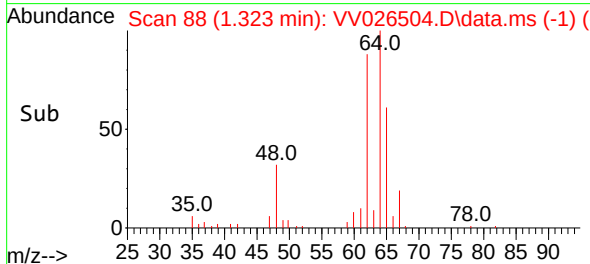
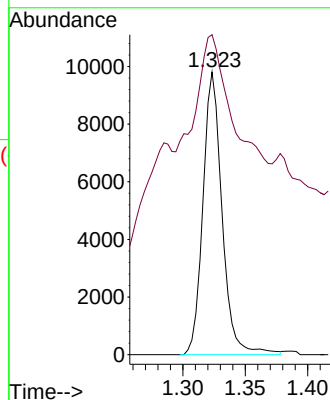
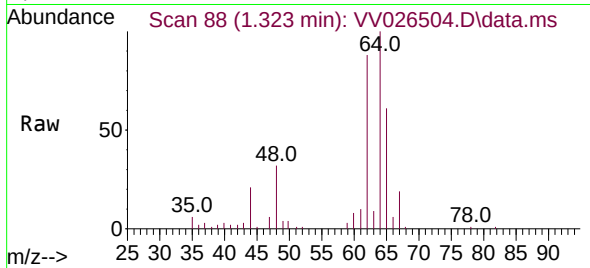




#5
 Vinyl chloride
 Concen: 0.586 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026504.D
 Acq: 23 Jun 2022 10:25

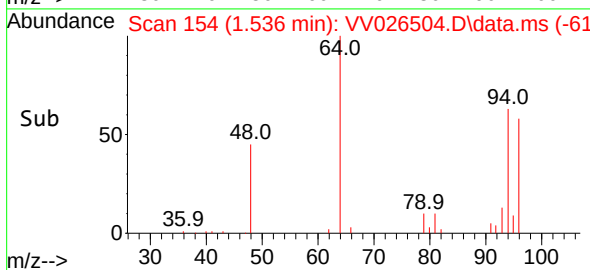
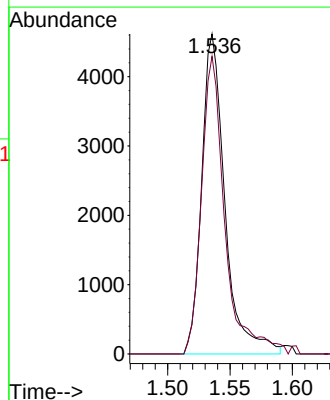
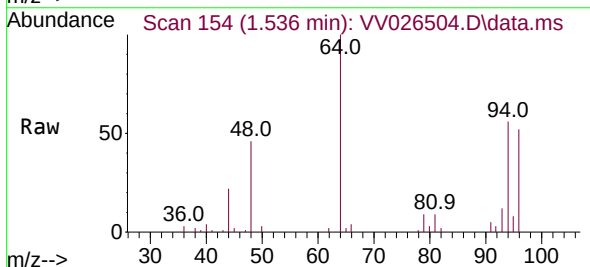
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 ClientSampleId :
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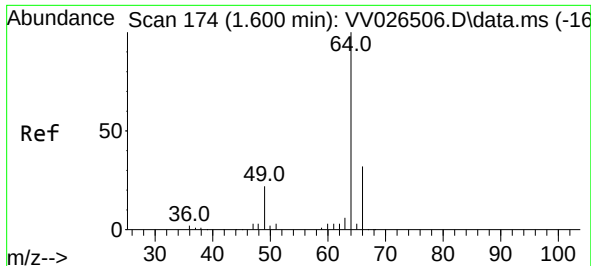
Tgt Ion: 62 Resp: 10496
 Ion Ratio Lower Upper
 62 100
 64 113.2 26.2 48.6#



#6
 Bromomethane
 Concen: 0.606 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026504.D
 Acq: 23 Jun 2022 10:25

Tgt Ion: 94 Resp: 5989
 Ion Ratio Lower Upper
 94 100
 96 93.0 68.0 126.2

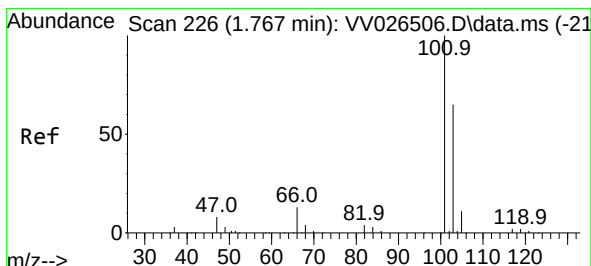
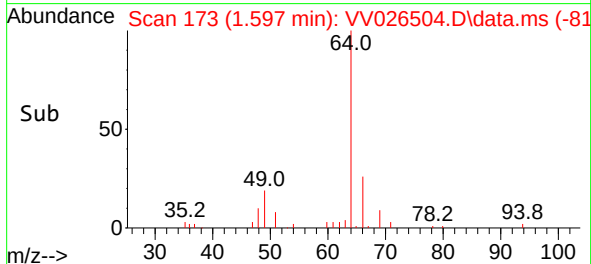
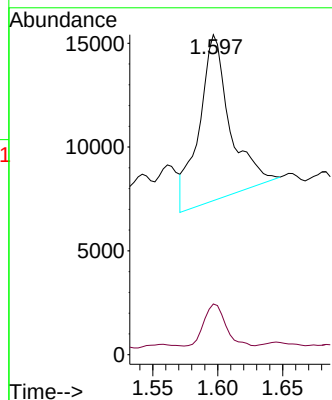
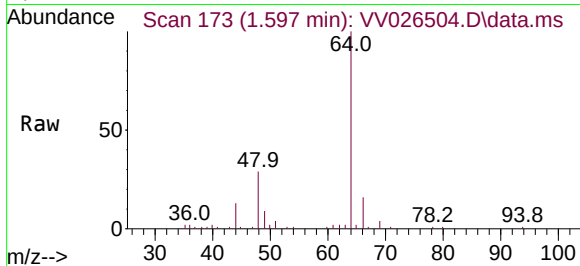




#8
Chloroethane
Concen: 1.162 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

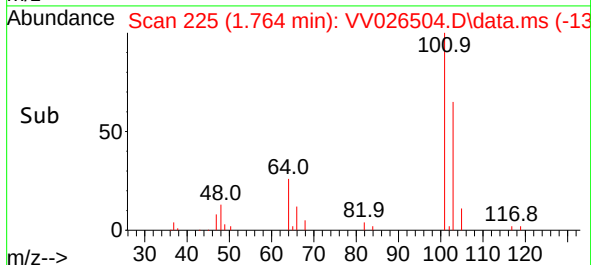
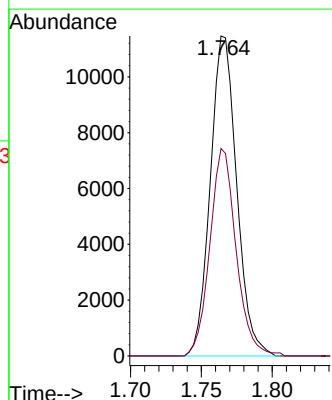
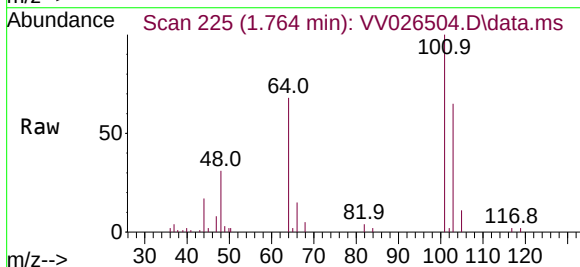
Instrument :
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VSTD0.5273

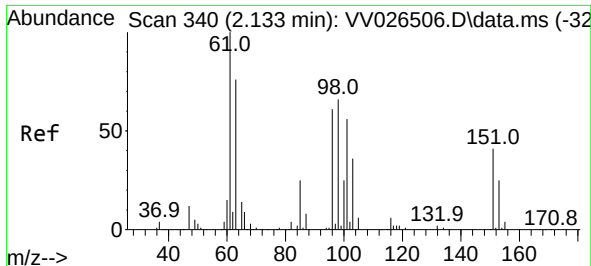
Tgt Ion: 64 Resp: 13256
Ion Ratio Lower Upper
64 100
66 15.9 20.0 37.2#



#9
Trichlorofluoromethane
Concen: 0.599 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion:101 Resp: 14866
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

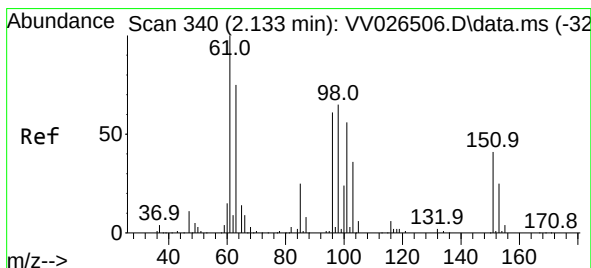
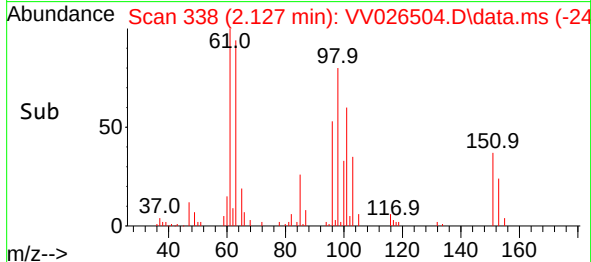
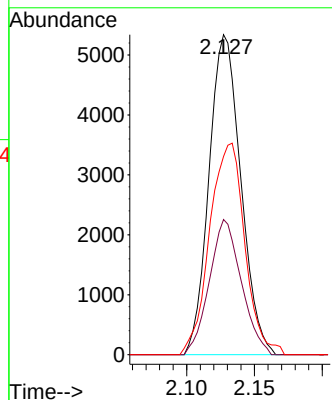
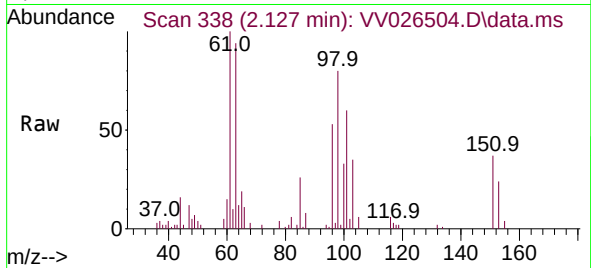




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.600 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

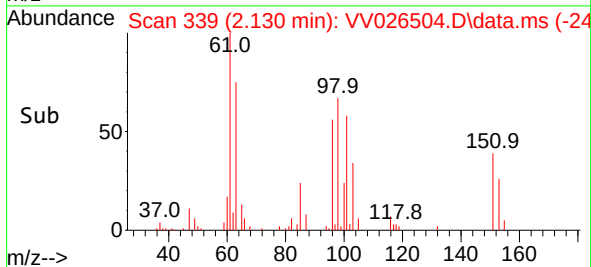
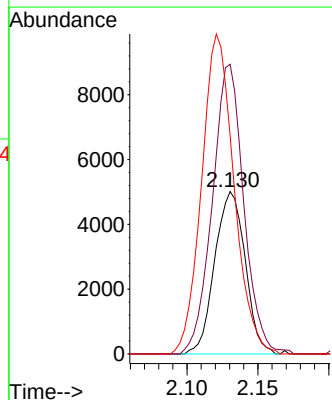
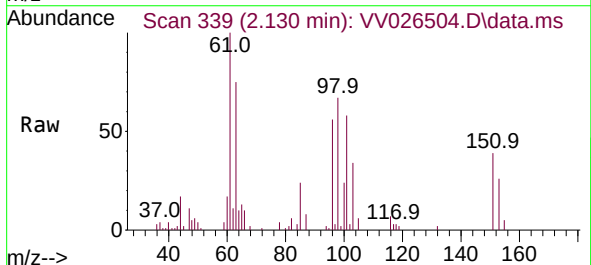
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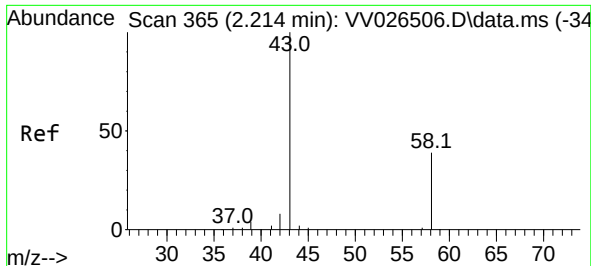
Tgt Ion:101 Resp: 8717
Ion Ratio Lower Upper
101 100
85 42.4 34.2 51.4
151 73.1 56.8 85.2



#12
1,1-Dichloroethene
Concen: 0.563 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 96 Resp: 7479
Ion Ratio Lower Upper
96 100
61 178.4 115.4 214.4
63 134.5 87.4 162.2





#13

Acetone

Concen: 1.410 ug/L

RT: 2.224 min Scan# 30

Delta R.T. 0.010 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

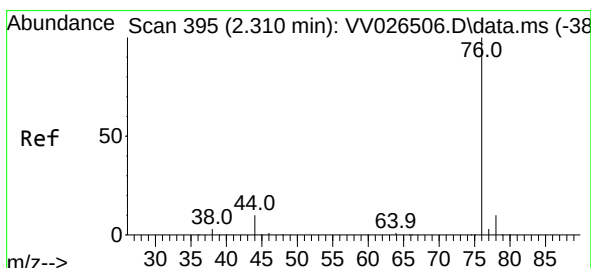
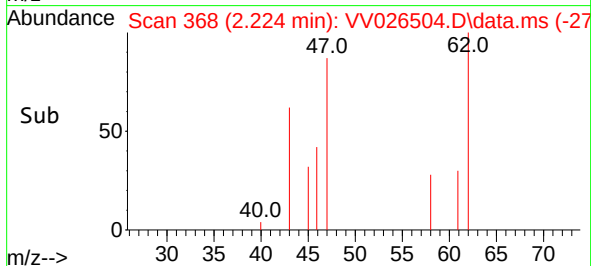
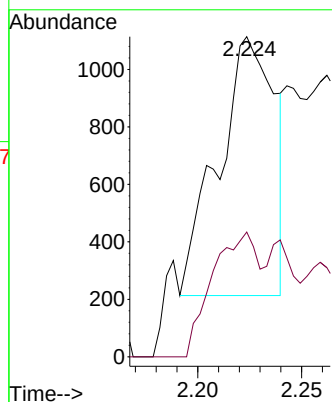
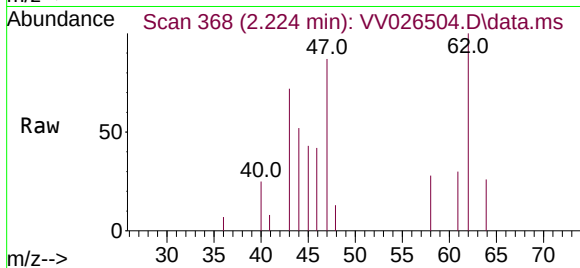
VSTD0.5273

Tgt Ion: 43 Resp: 1687

Ion Ratio Lower Upper

43 100

58 39.1 0.0 75.0



#14

Carbon disulfide

Concen: 0.603 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.006 min

Lab File: VV026504.D

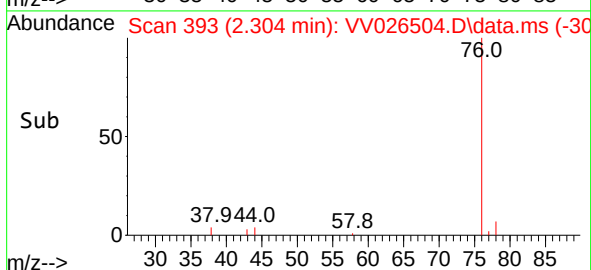
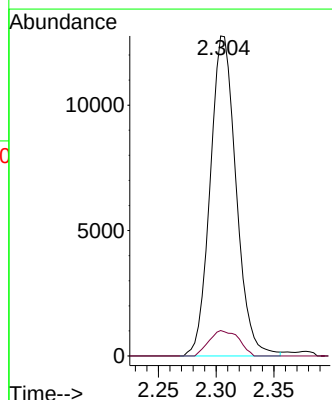
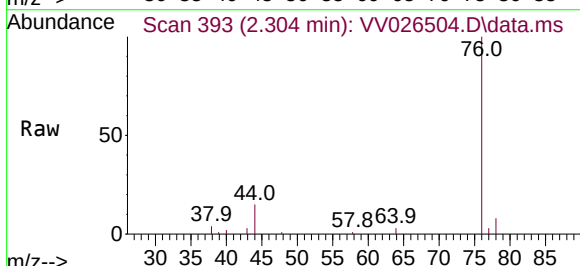
Acq: 23 Jun 2022 10:25

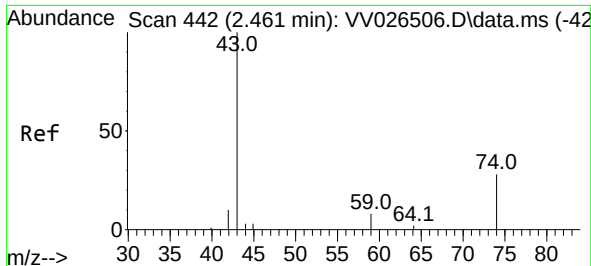
Tgt Ion: 76 Resp: 19938

Ion Ratio Lower Upper

76 100

78 8.0 7.8 11.6





#15

Methyl Acetate

Concen: 0.279 ug/L

RT: 2.471 min Scan# 44

Delta R.T. 0.010 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

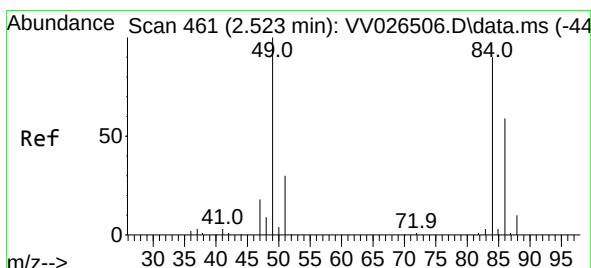
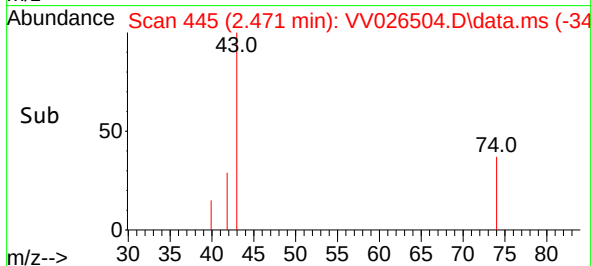
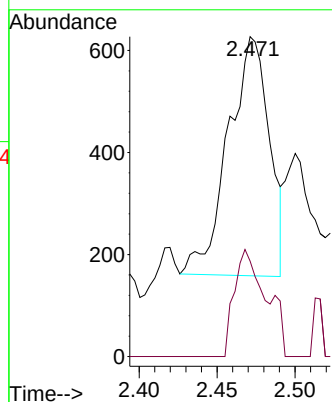
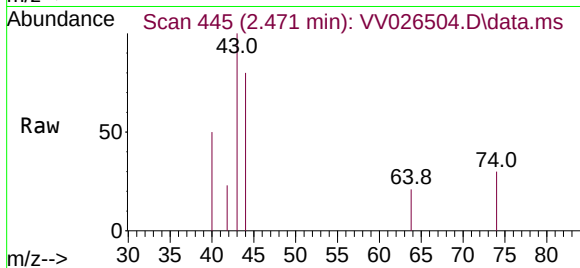
VSTD0.5273

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

74 34.7 22.1 33.1#



#16

Methylene chloride

Concen: 0.558 ug/L

RT: 2.519 min Scan# 460

Delta R.T. -0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

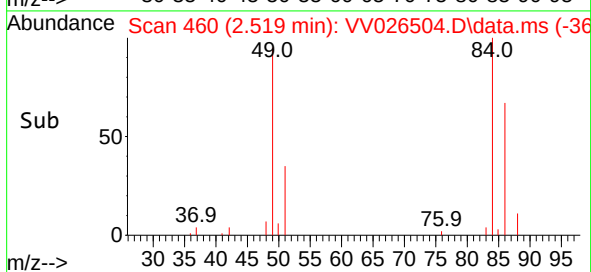
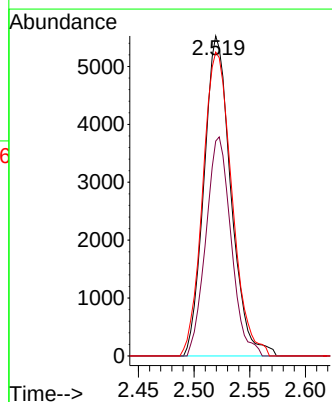
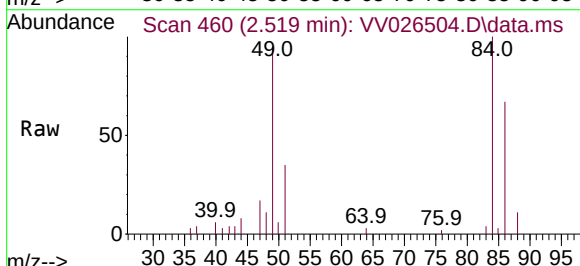
Tgt Ion: 84 Resp: 9288

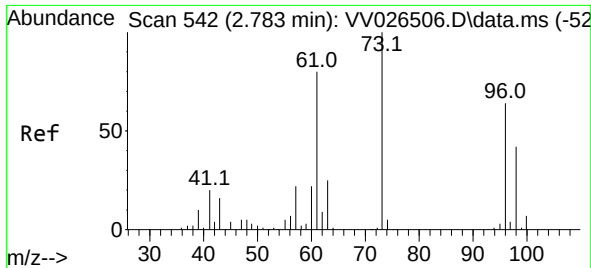
Ion Ratio Lower Upper

84 100

86 67.1 46.0 85.4

49 94.9 77.7 144.3

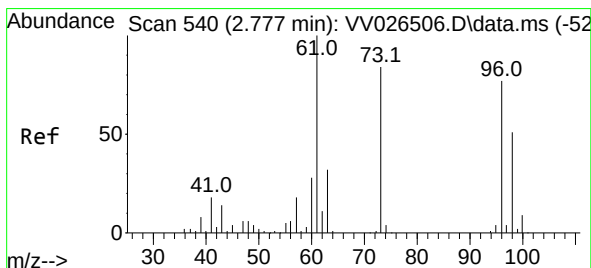
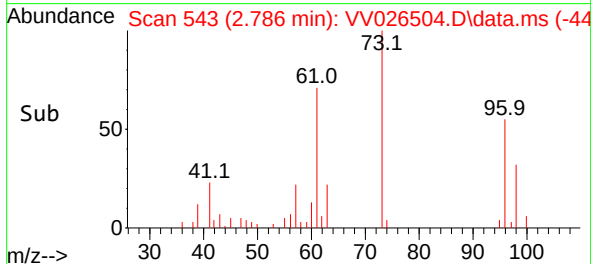
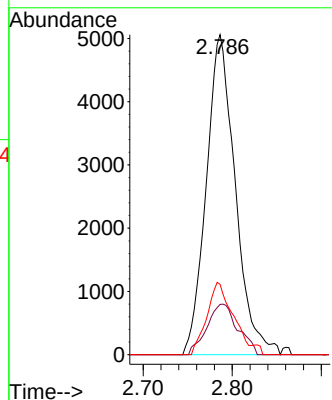
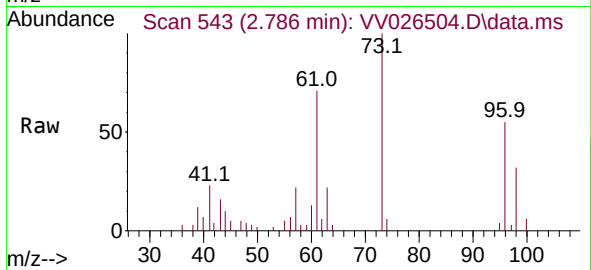




#17
Methyl tert-butyl Ether
Concen: 0.515 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

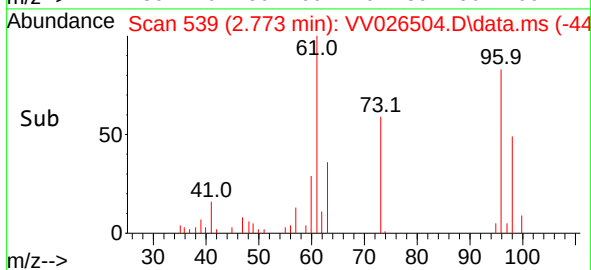
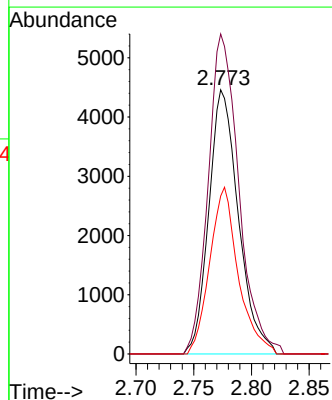
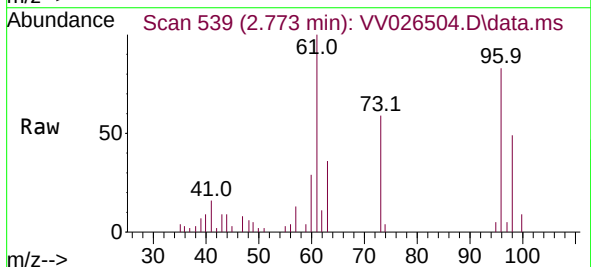
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

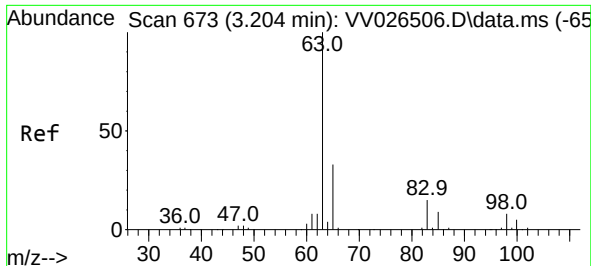
Tgt Ion: 73 Resp: 11448
Ion Ratio Lower Upper
73 100
43 16.9 13.3 19.9
57 20.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 0.612 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 96 Resp: 7953
Ion Ratio Lower Upper
96 100
61 121.1 90.4 167.8
98 59.8 45.6 84.8





#19

1,1-Dichloroethane

Concen: 0.595 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5273

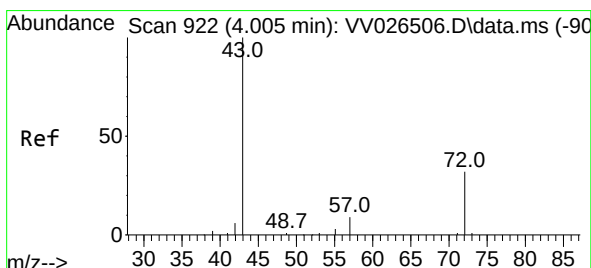
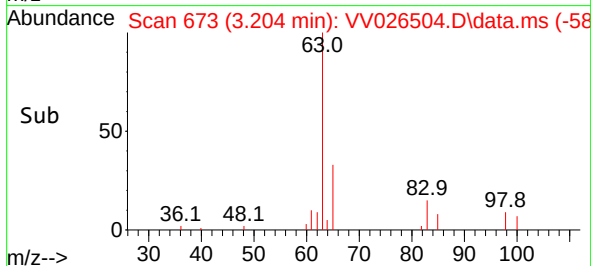
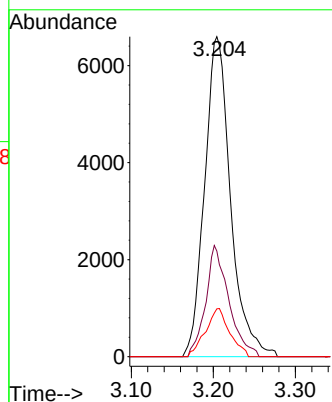
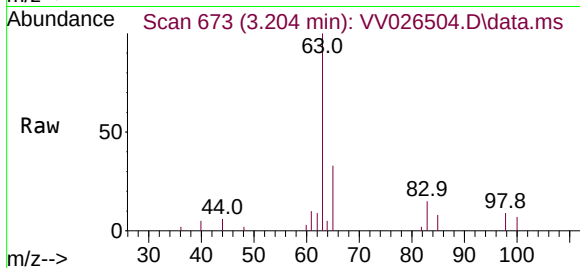
Tgt Ion: 63 Resp: 14524

Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.6

83 14.9 10.2 19.0



#21

2-Butanone

Concen: 0.515 ug/L

RT: 4.101 min Scan# 952

Delta R.T. 0.097 min

Lab File: VV026504.D

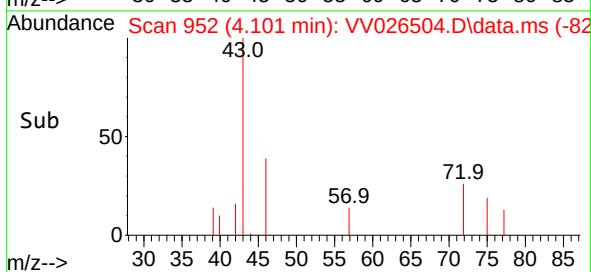
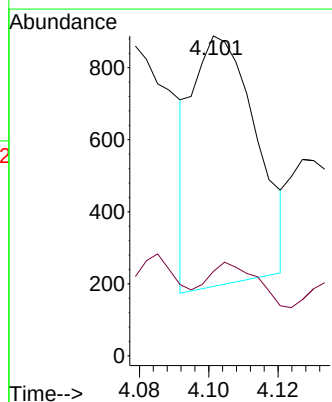
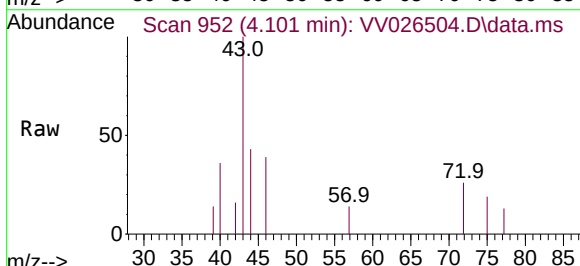
Acq: 23 Jun 2022 10:25

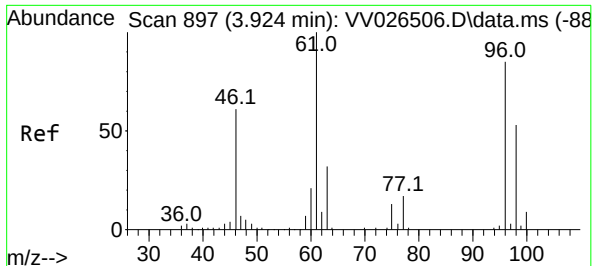
Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

72 40.3 13.5 40.5

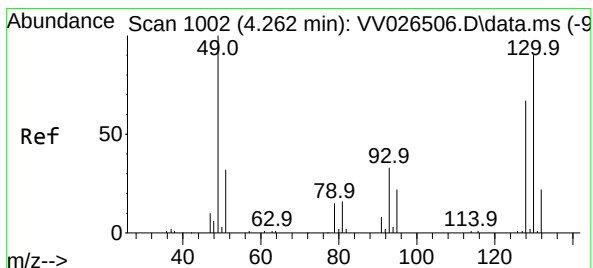
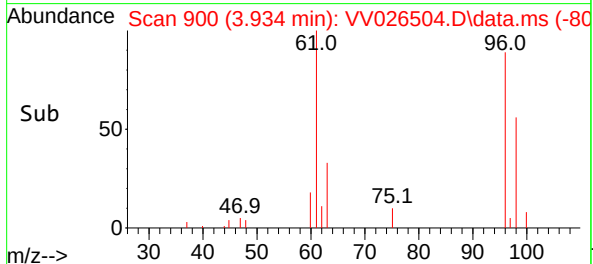
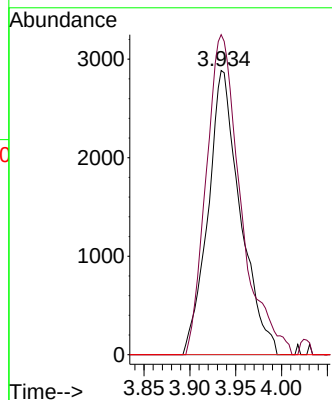
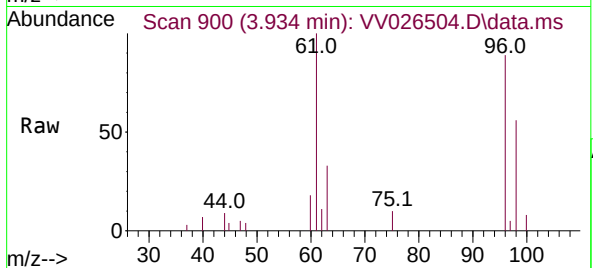




#22
cis-1,2-Dichloroethene
Concen: 0.540 ug/L
RT: 3.934 min Scan# 90
Delta R.T. 0.010 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

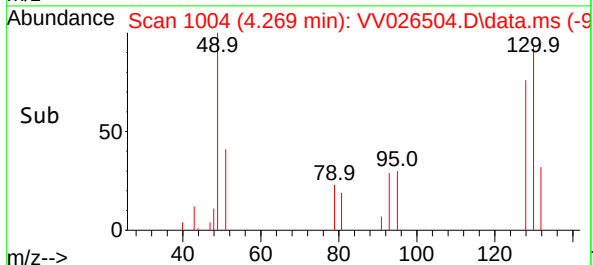
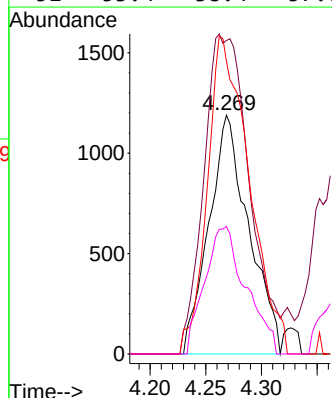
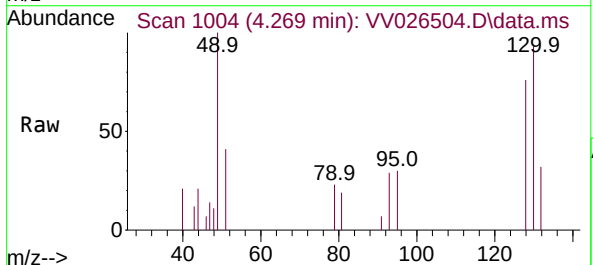
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

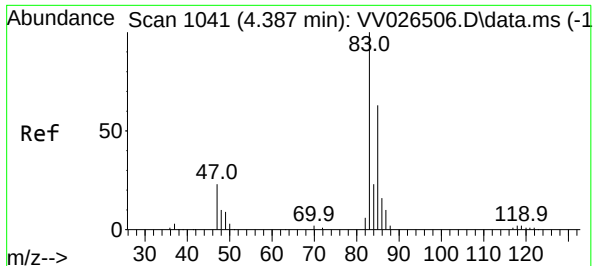
Tgt Ion: 96 Resp: 7080
Ion Ratio Lower Upper
96 100
61 112.6 82.0 152.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.540 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.007 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 128 Resp: 2956
Ion Ratio Lower Upper
128 100
49 131.3 104.0 193.1
130 122.5 93.4 173.6
51 53.4 38.4 57.6





#25

Chloroform

Concen: 0.596 ug/L

RT: 4.384 min Scan# 1041

Delta R.T. -0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

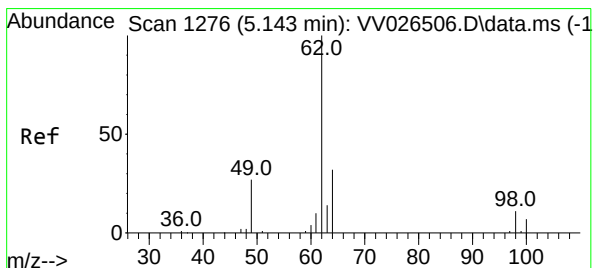
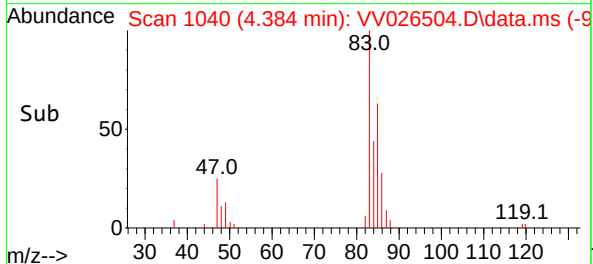
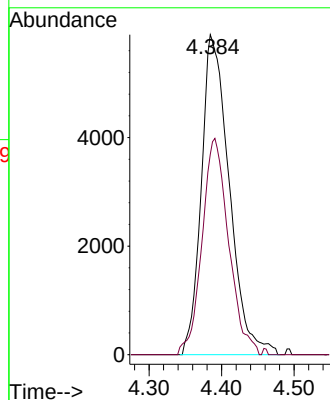
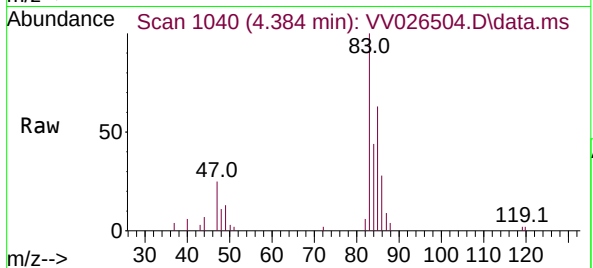
VSTD0.5273

Tgt Ion: 83 Resp: 15737

Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.541 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VV026504.D

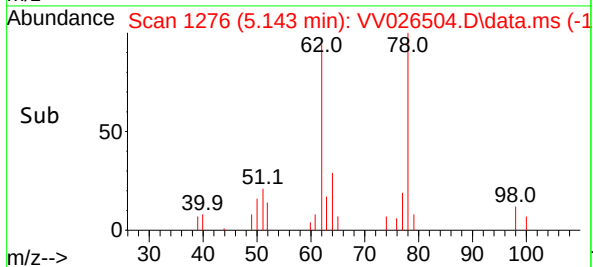
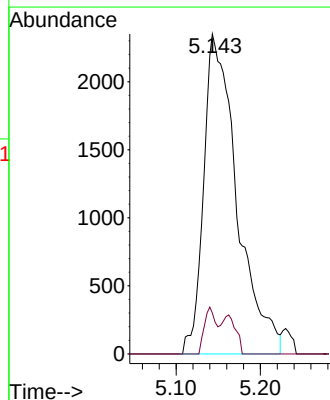
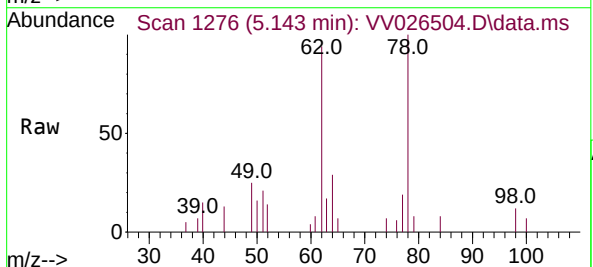
Acq: 23 Jun 2022 10:25

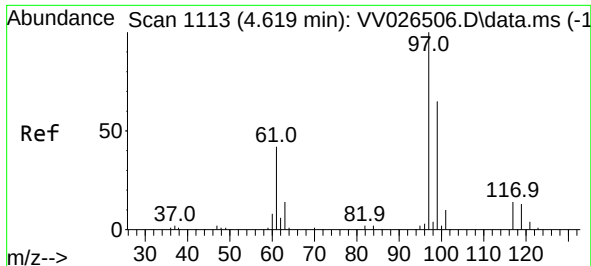
Tgt Ion: 62 Resp: 6459

Ion Ratio Lower Upper

62 100

98 12.8 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.584 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5273

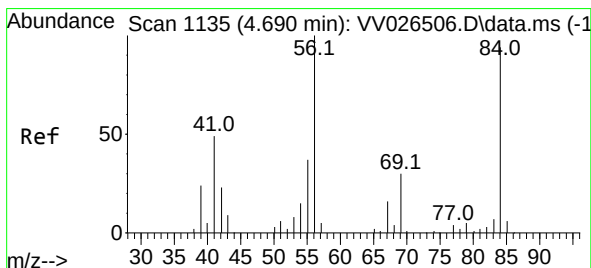
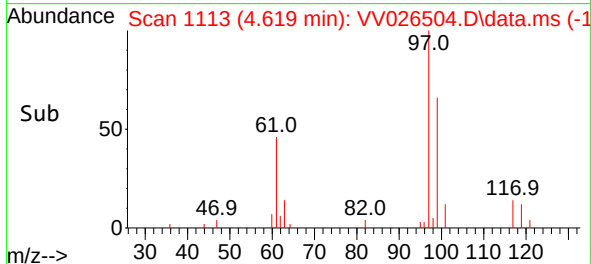
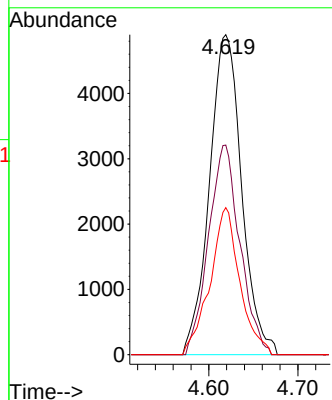
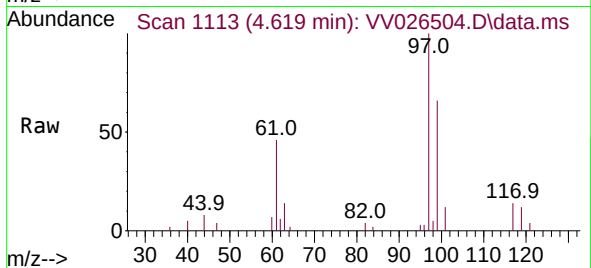
Tgt Ion: 97 Resp: 12320

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 42.6 33.0 49.4



#30

Cyclohexane

Concen: 0.536 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

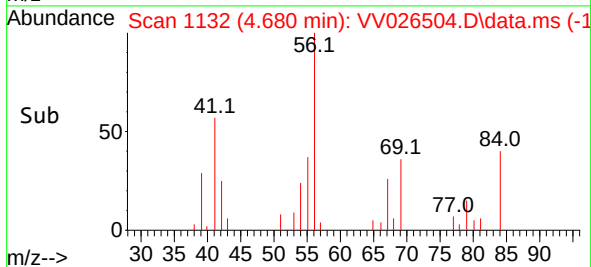
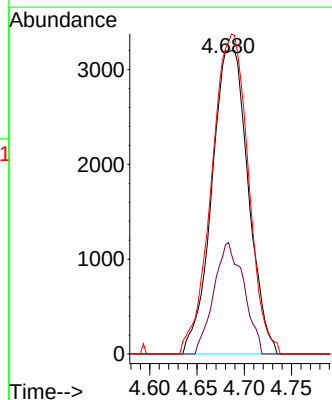
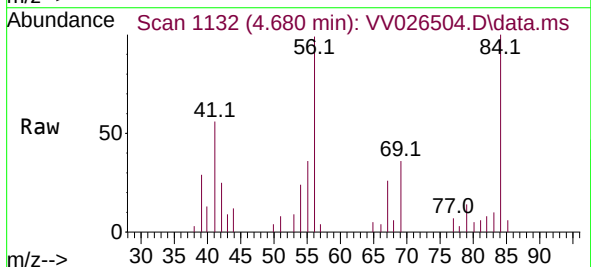
Tgt Ion: 56 Resp: 8602

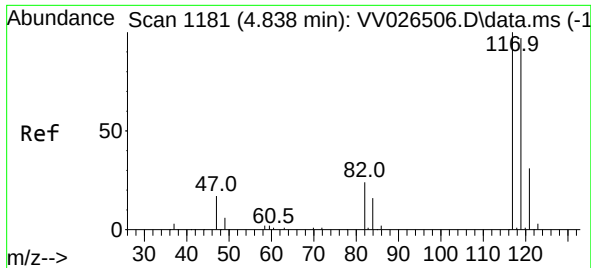
Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.2

84 105.8 77.8 116.6

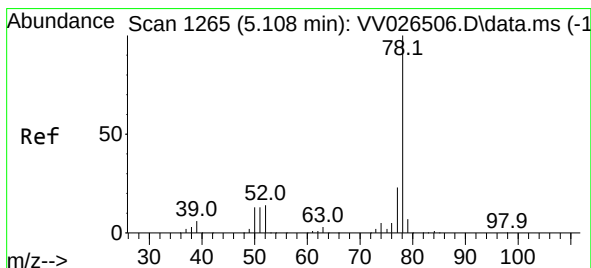
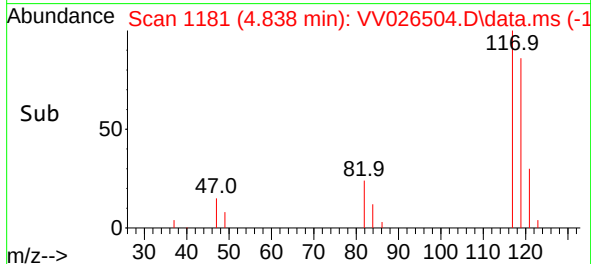
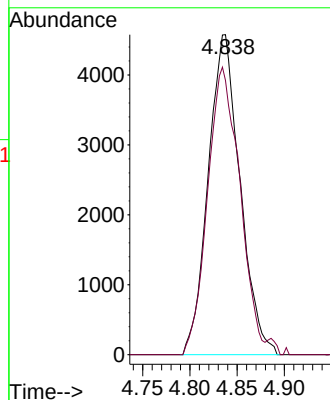
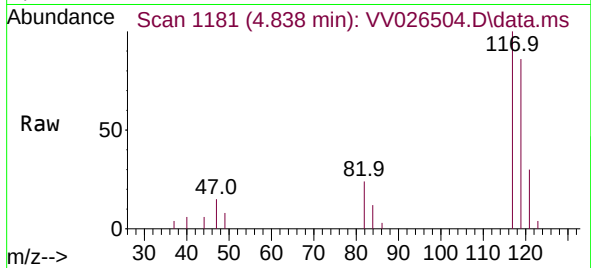




#31
Carbon tetrachloride
Concen: 0.598 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

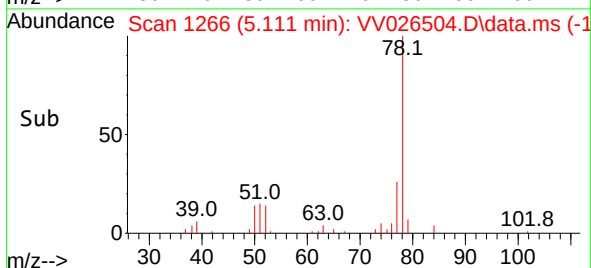
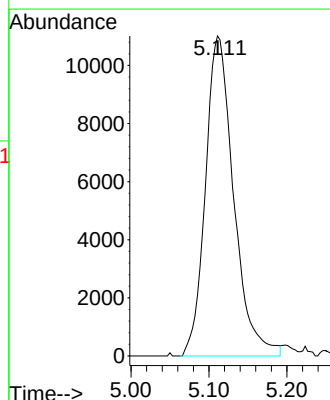
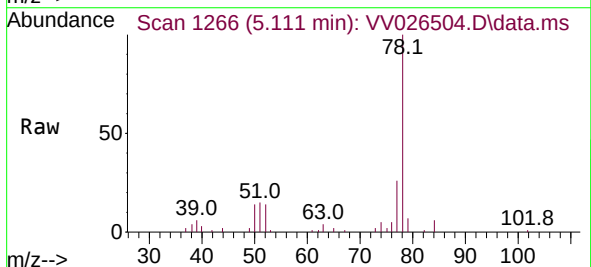
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

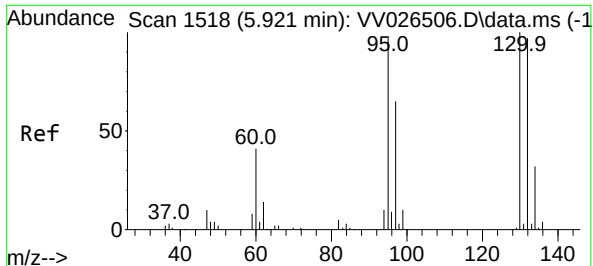
Tgt Ion:117 Resp: 10714
Ion Ratio Lower Upper
117 100
119 91.2 76.9 115.3



#33
Benzene
Concen: 0.563 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 78 Resp: 27744



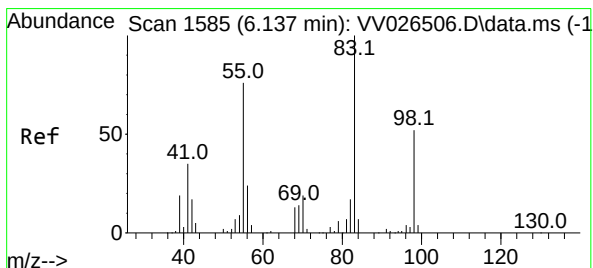
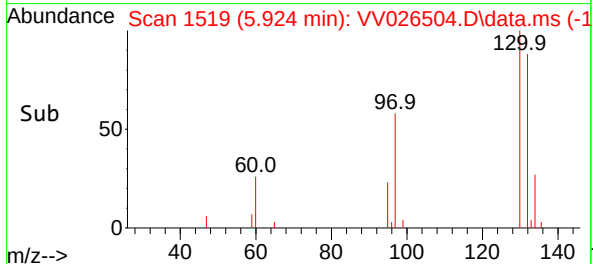
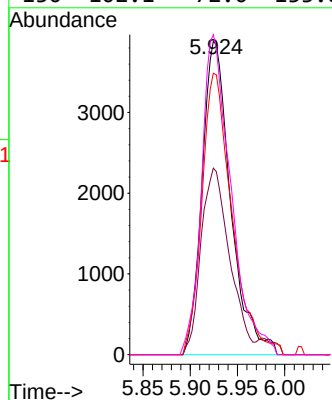
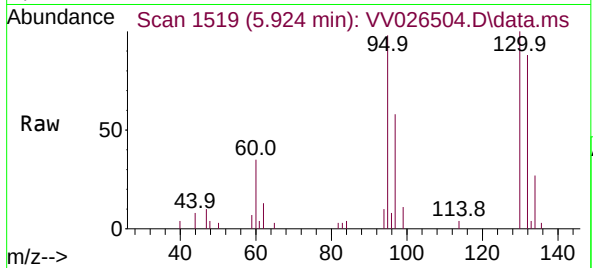


#34
Trichloroethene
Concen: 0.610 ug/L
RT: 5.924 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

Tgt Ion: 95 Resp: 8150

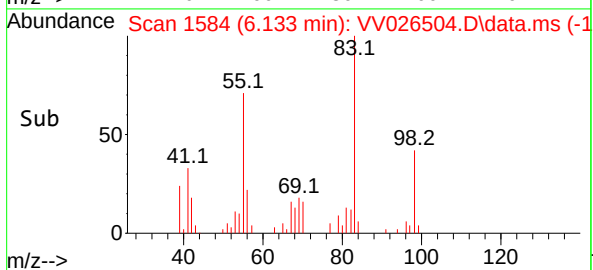
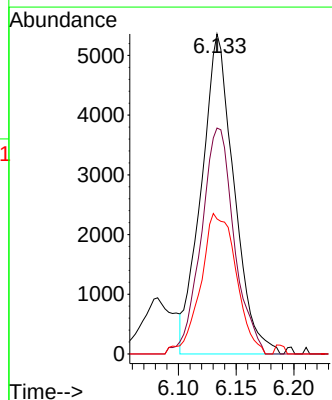
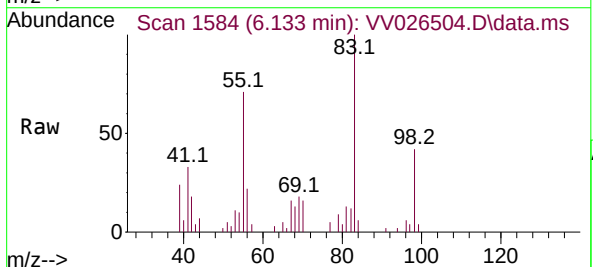
Ion	Ratio	Lower	Upper
95	100		
97	59.5	46.8	87.0
132	89.8	69.9	129.7
130	102.1	72.0	133.8

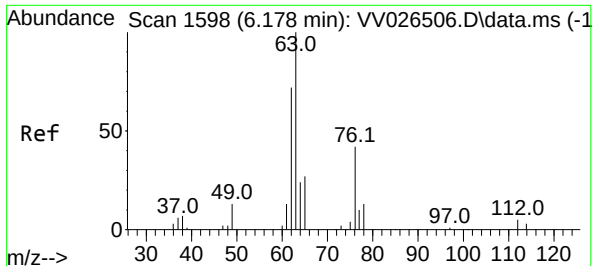


#35
Methylcyclohexane
Concen: 0.556 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 83 Resp: 10538

Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.0	85.4
98	47.7	39.8	59.8





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

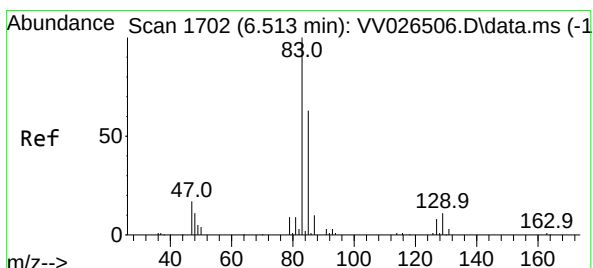
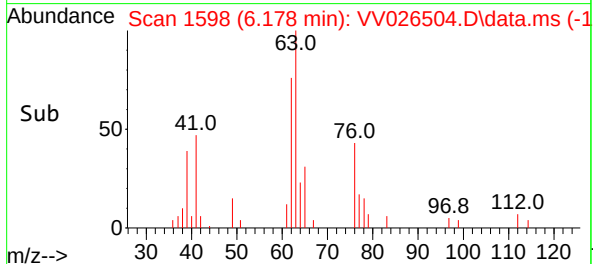
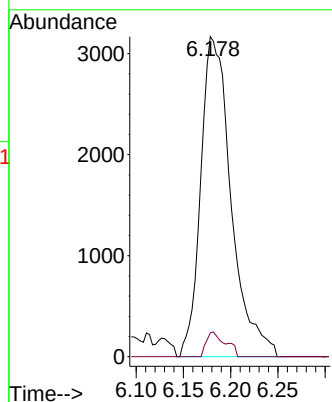
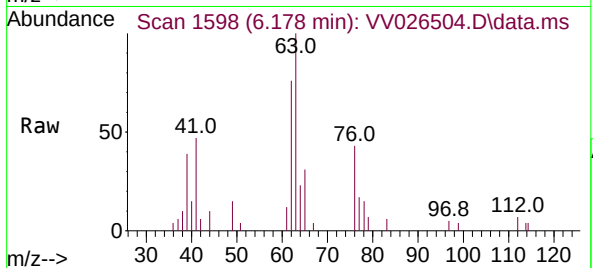
VSTD0.5273

Tgt Ion: 63 Resp: 7089

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.4



#38

Bromodichloromethane

Concen: 0.539 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

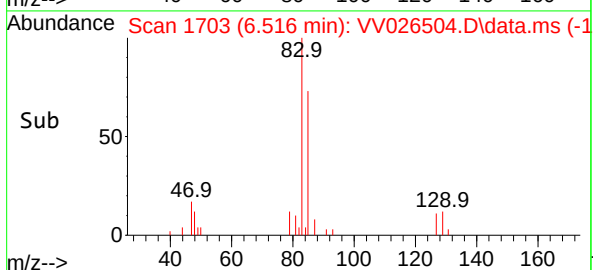
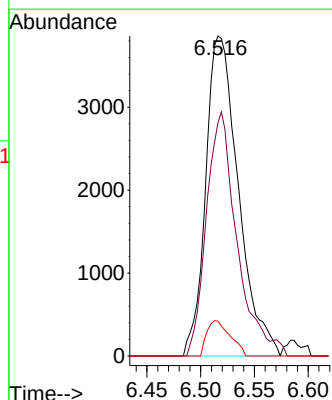
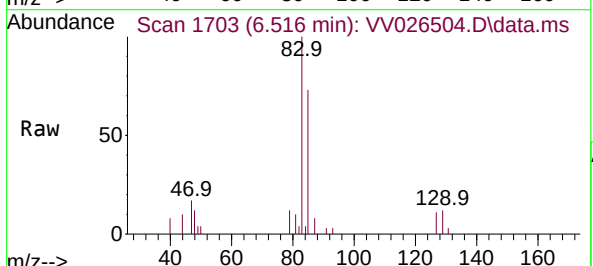
Tgt Ion: 83 Resp: 8164

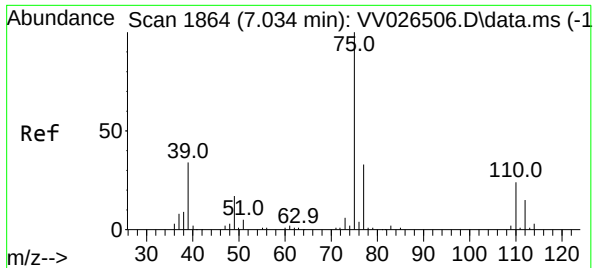
Ion Ratio Lower Upper

83 100

85 72.8 44.0 81.8

127 10.9 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 7.043 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

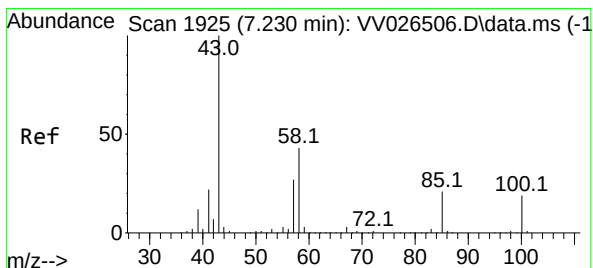
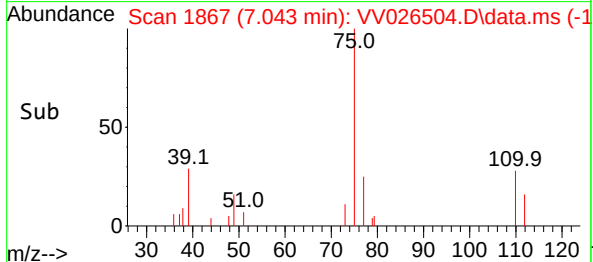
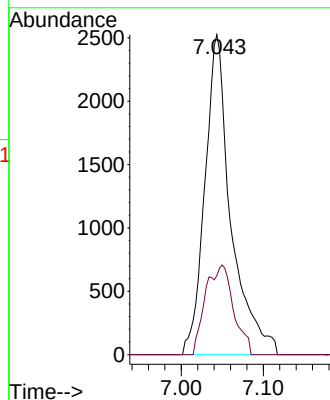
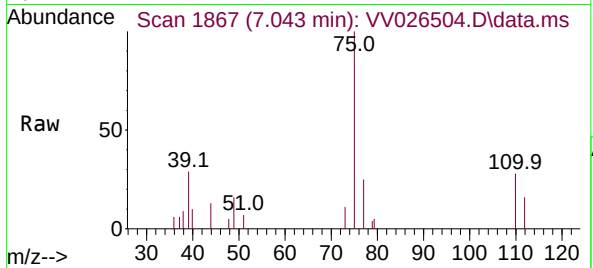
VSTD0.5273

Tgt Ion: 75 Resp: 5574

Ion Ratio Lower Upper

75 100

77 24.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 4.190 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.007 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

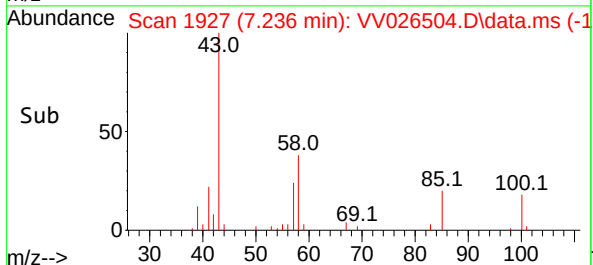
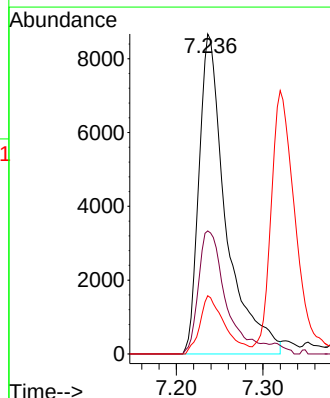
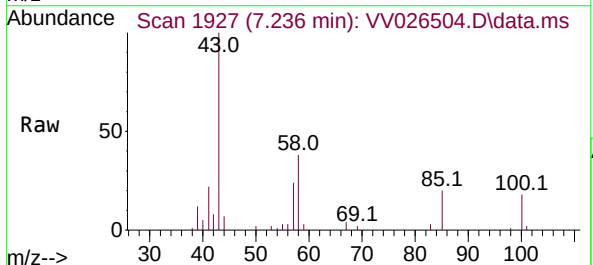
Tgt Ion: 43 Resp: 18769

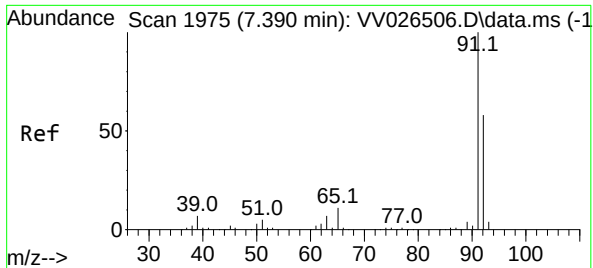
Ion Ratio Lower Upper

43 100

58 39.4 33.3 49.9

100 17.0 14.3 21.5





#42

Toluene

Concen: 0.511 ug/L

RT: 7.394 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

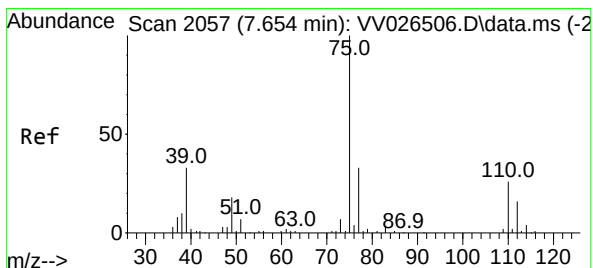
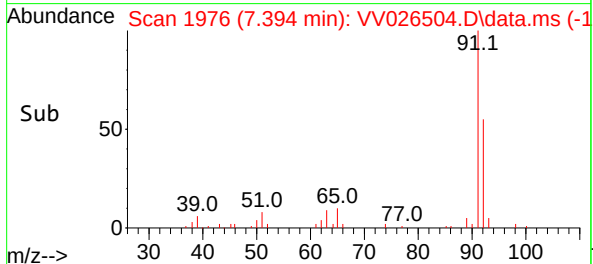
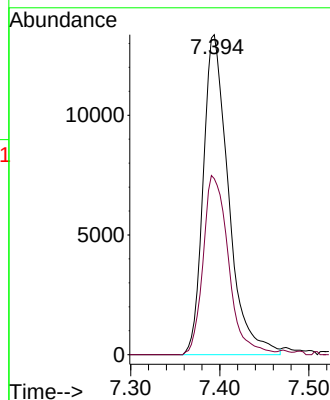
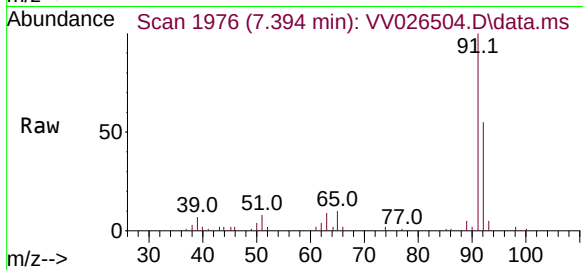
VSTD0.5273

Tgt Ion: 91 Resp: 26328

Ion Ratio Lower Upper

91 100

92 55.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.324 ug/L

RT: 7.667 min Scan# 2061

Delta R.T. 0.013 min

Lab File: VV026504.D

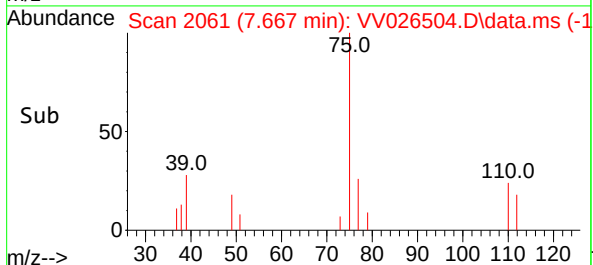
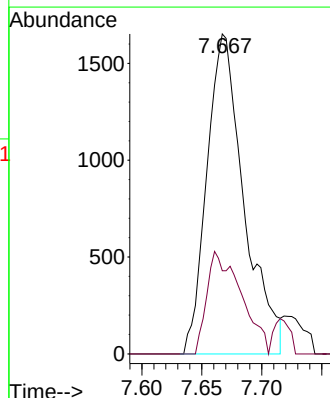
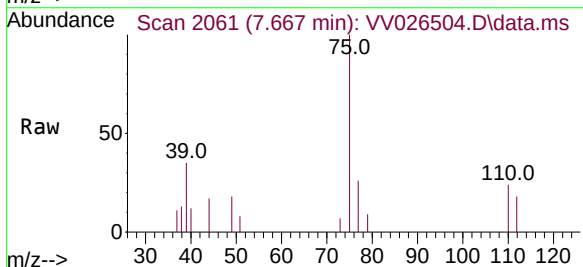
Acq: 23 Jun 2022 10:25

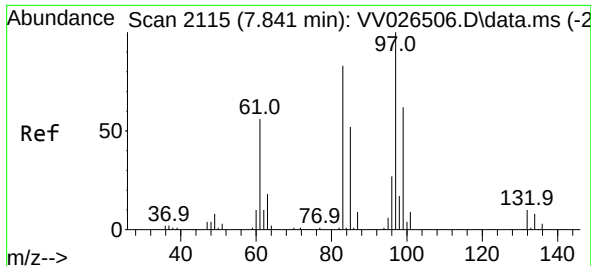
Tgt Ion: 75 Resp: 3552

Ion Ratio Lower Upper

75 100

77 26.0 23.1 42.9

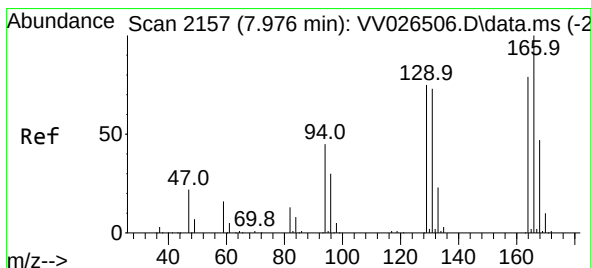
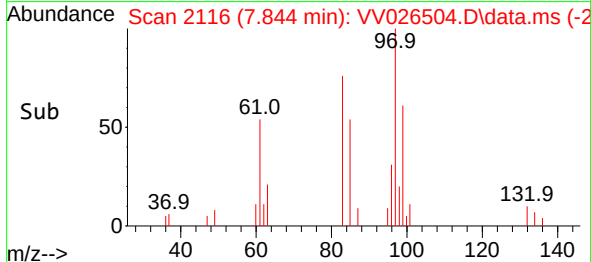
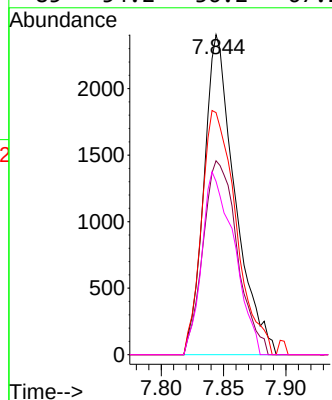
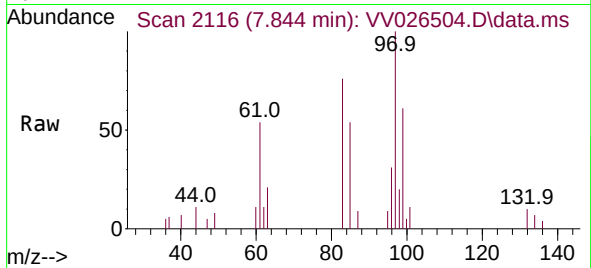




#45
1,1,2-Trichloroethane
Concen: 0.507 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

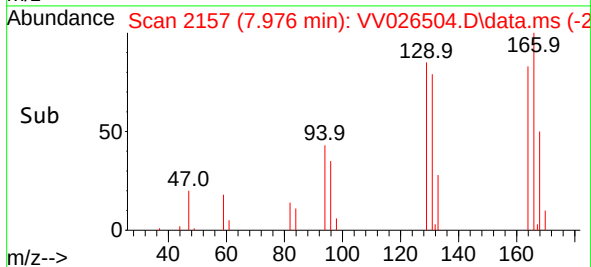
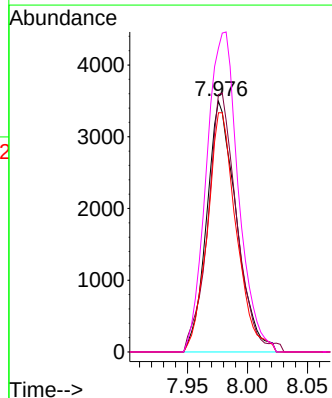
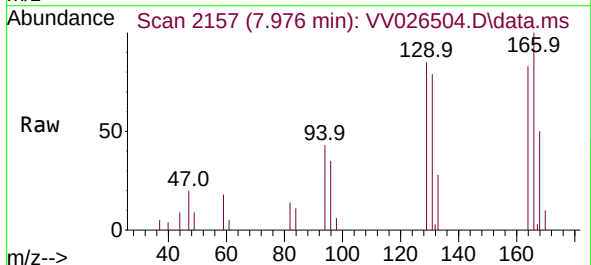
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

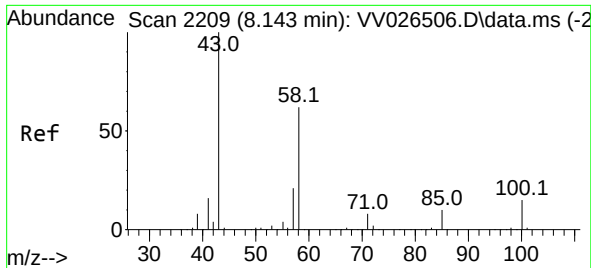
Tgt Ion: 97	Resp: 4163
Ion Ratio	Lower Upper
97 100	
99 60.6	43.4 80.6
83 75.7	58.0 107.8
85 54.2	36.2 67.2



#47
Tetrachloroethene
Concen: 0.600 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt	Ion:164	Resp:	6015
Ion	Ratio	Lower	Upper
164	100		
129	102.7	66.4	123.2
131	95.4	64.4	119.6
166	121.2	88.1	163.7

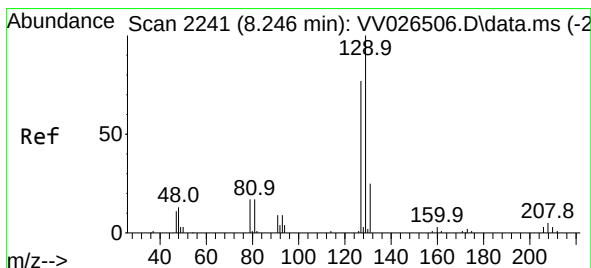
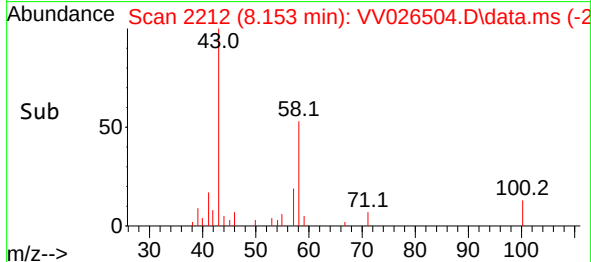
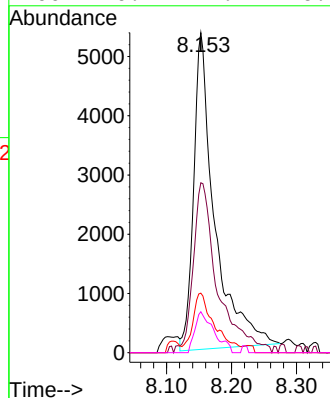
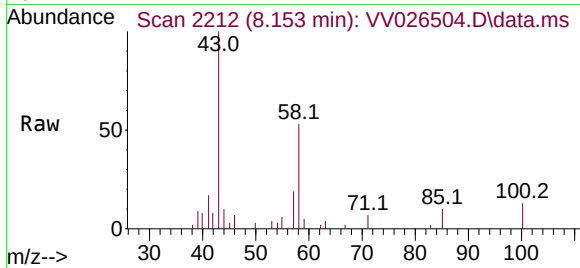




#48
2-Hexanone
Concen: 3.795 ug/L
RT: 8.153 min Scan# 2112
Delta R.T. 0.010 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

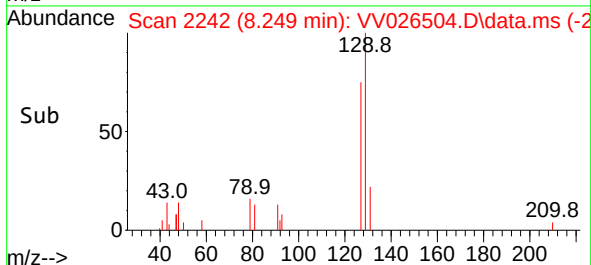
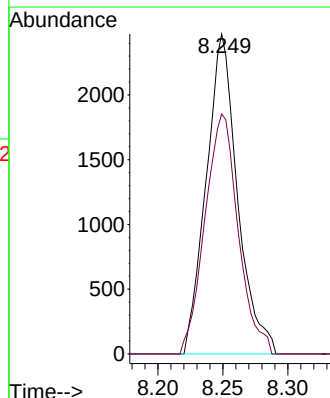
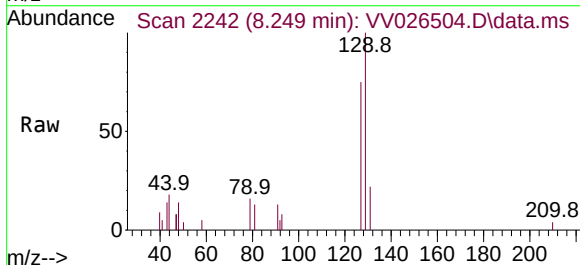
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

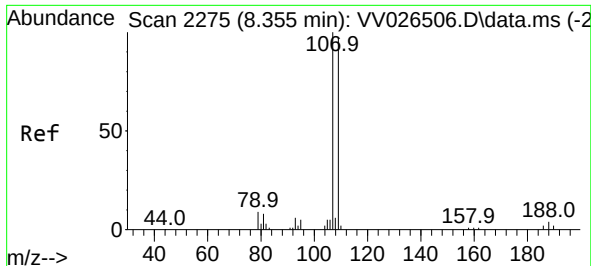
Tgt Ion: 43	Resp: 11996
Ion Ratio	Lower Upper
43 100	
58 62.3	47.8 71.6
57 19.5	15.0 22.6
100 10.7	11.2 16.8#



#49
Dibromochloromethane
Concen: 0.466 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion:129	Resp:	4138	
Ion	Ratio	Lower	Upper
129	100		
127	75.0	54.2	100.6





#50

1,2-Dibromoethane

Concen: 0.527 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

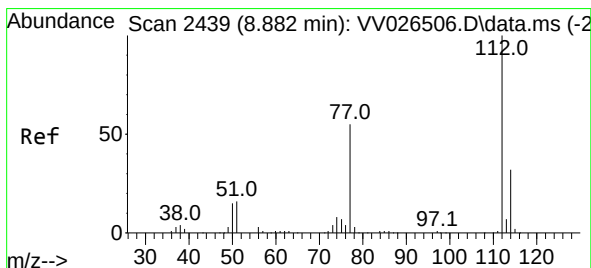
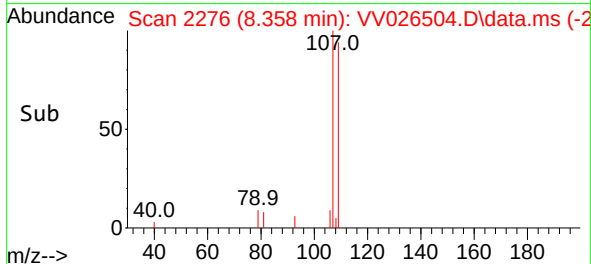
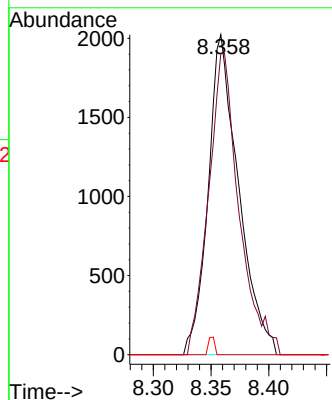
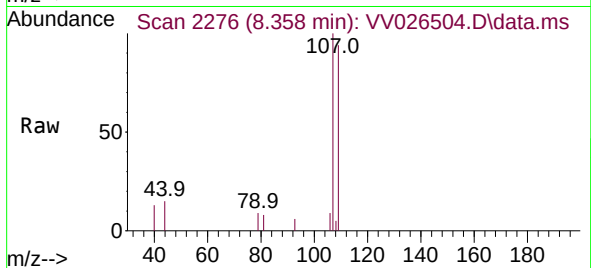
Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5273

Tgt Ion:	107	Resp:	3714
Ion	Ratio	Lower	Upper
107	100		
109	94.2	67.8	125.8
188	0.0	3.2	4.8



#51

Chlorobenzene

Concen: 0.565 ug/L

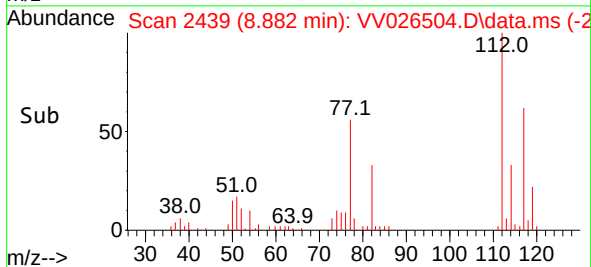
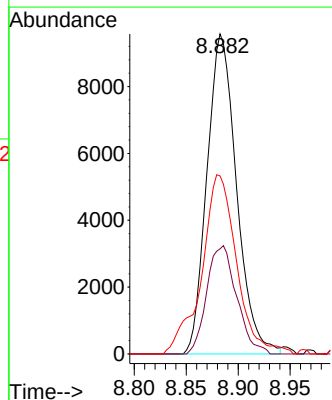
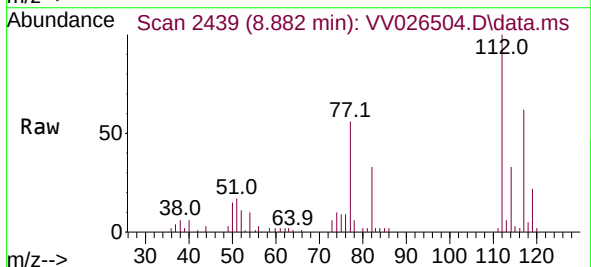
RT: 8.882 min Scan# 2439

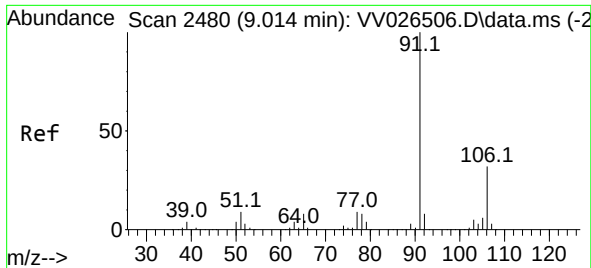
Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Tgt Ion:	112	Resp:	18964
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	55.7	44.4	66.6

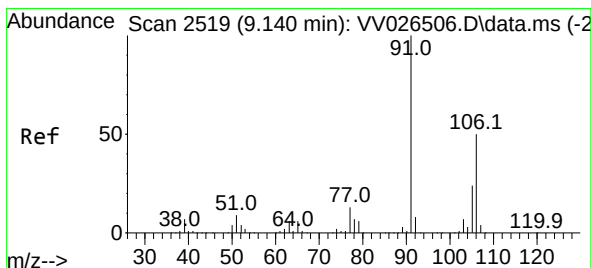
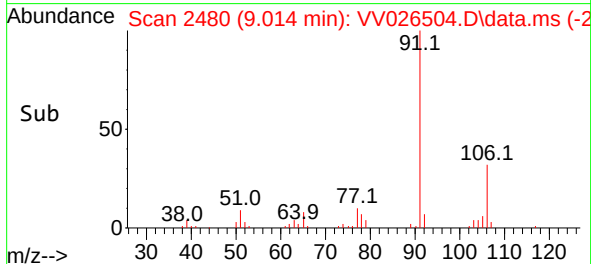
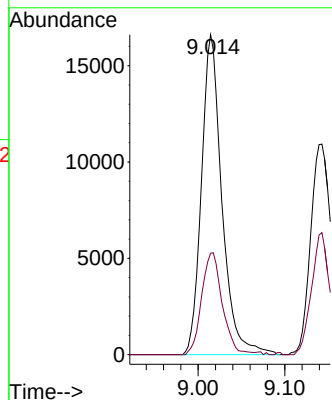
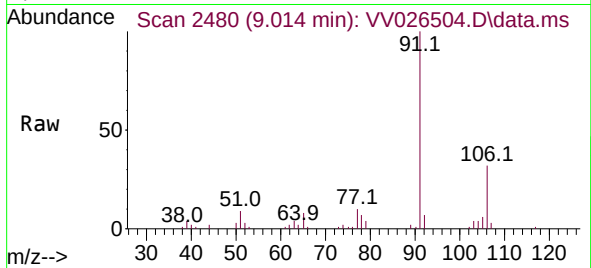




#52
Ethylbenzene
Concen: 0.524 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

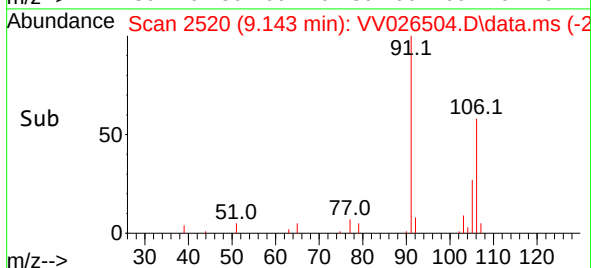
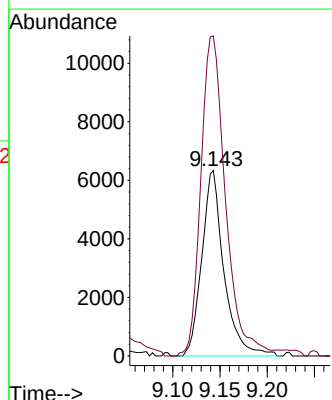
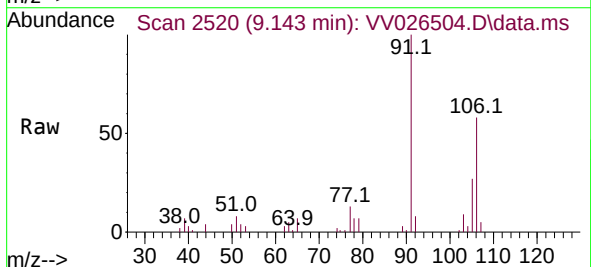
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

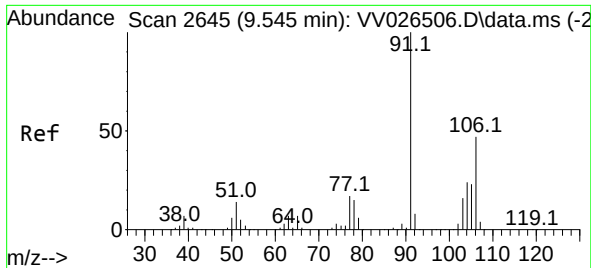
Tgt Ion: 91 Resp: 27271
Ion Ratio Lower Upper
91 100
106 31.7 22.1 41.1



#53
m,p-Xylene
Concen: 0.504 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 106 Resp: 10305
Ion Ratio Lower Upper
106 100
91 172.5 139.9 259.9

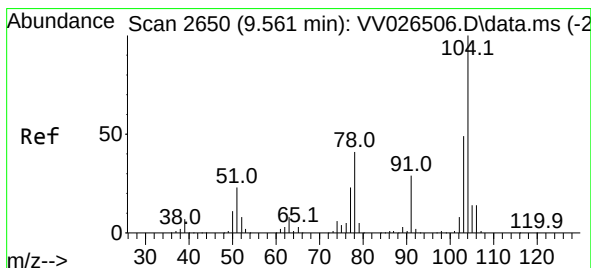
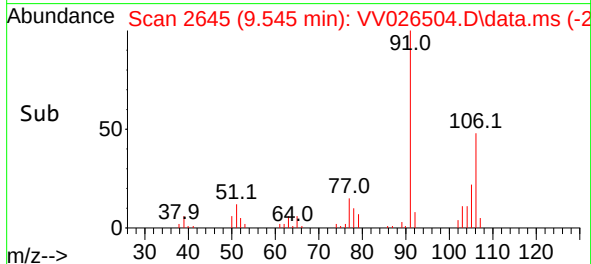
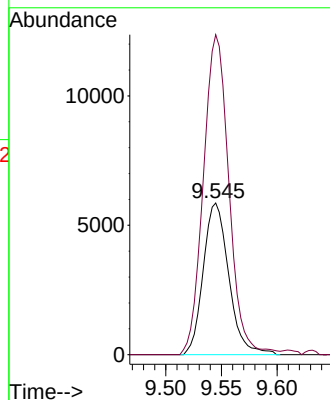
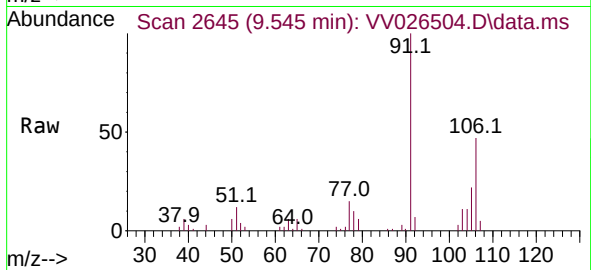




#54
o-Xylene
Concen: 0.480 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

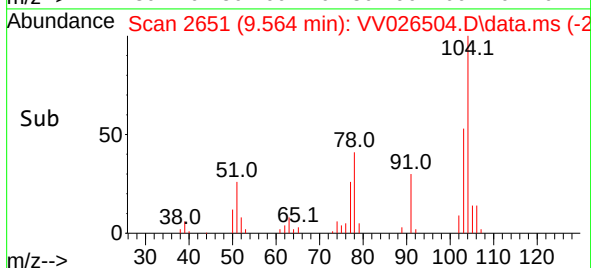
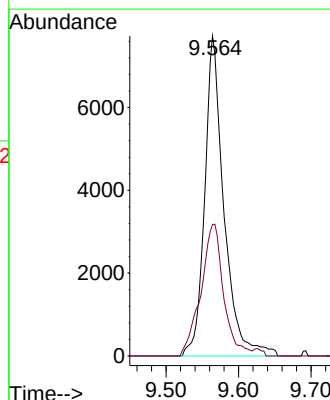
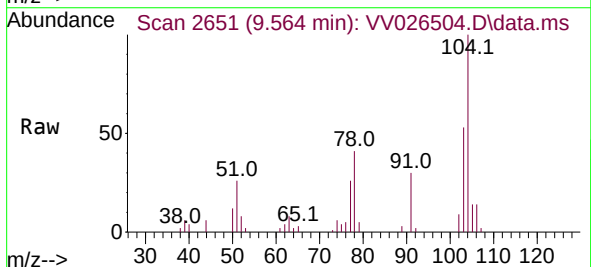
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

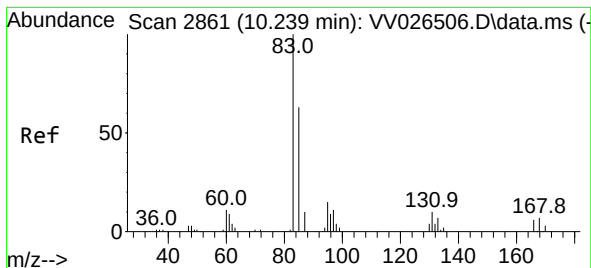
Tgt Ion:106 Resp: 9363
Ion Ratio Lower Upper
106 100
91 211.0 147.5 273.9



#55
Styrene
Concen: 0.435 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion:104 Resp: 14253
Ion Ratio Lower Upper
104 100
78 41.1 28.4 52.8

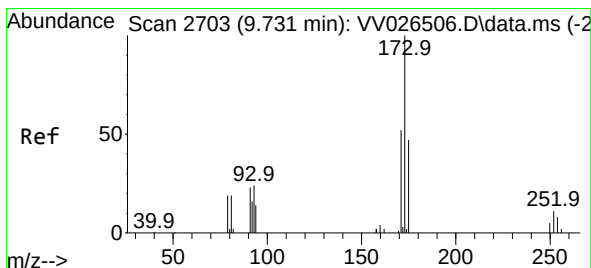
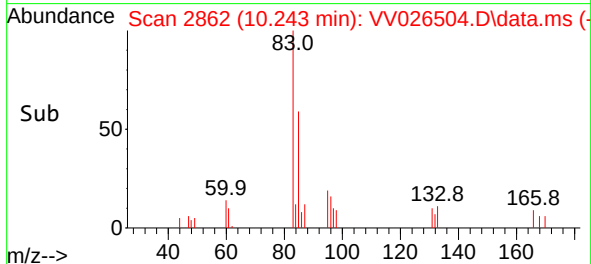
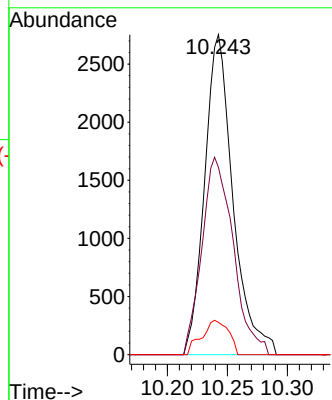
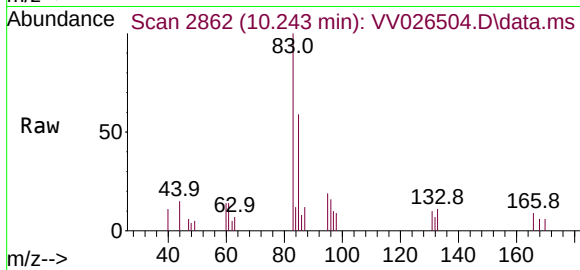




#57
1,1,2,2-Tetrachloroethane
Concen: 0.531 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

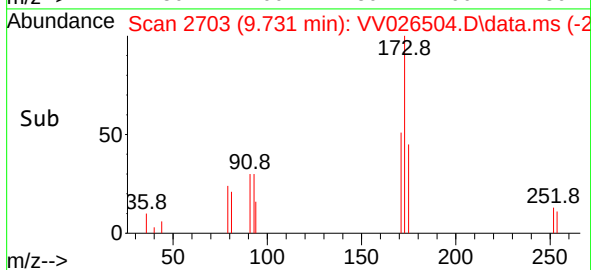
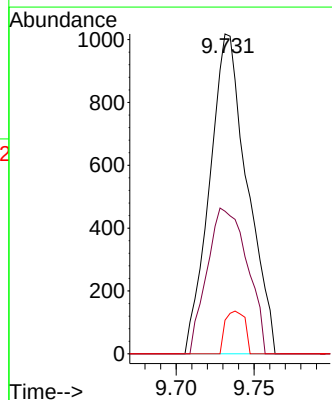
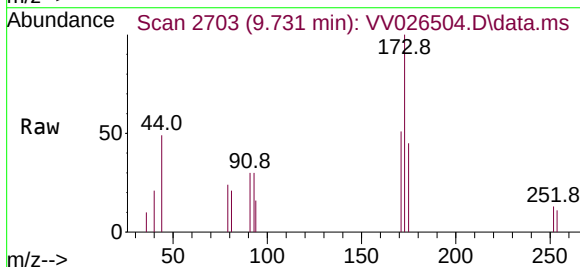
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

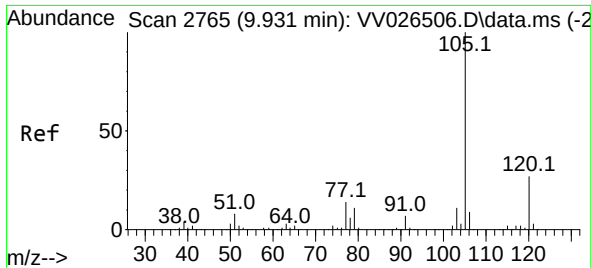
Tgt Ion: 83 Resp: 4533
Ion Ratio Lower Upper
83 100
85 58.6 44.3 82.3
131 10.1 8.0 12.0



#59
Bromoform
Concen: 0.489 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 173 Resp: 1706
Ion Ratio Lower Upper
173 100
175 48.7 37.9 56.9
254 7.0 6.3 9.5

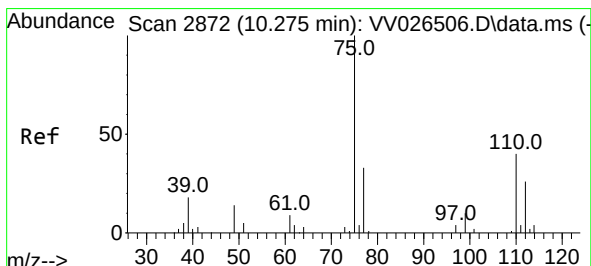
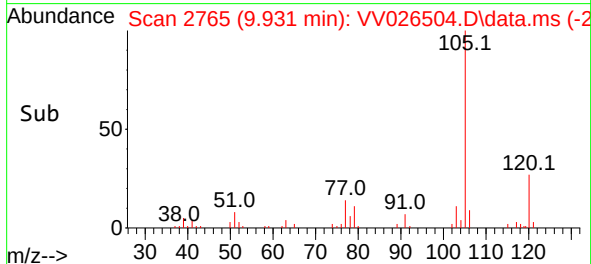
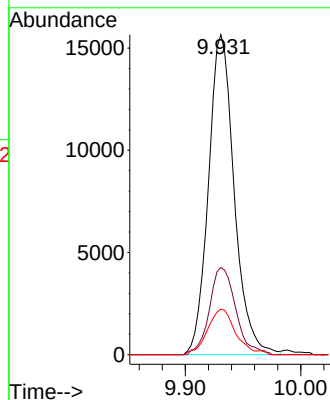
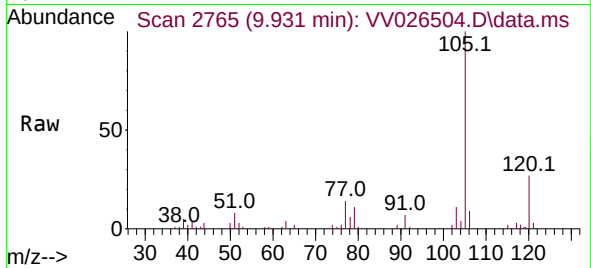




#60
Isopropylbenzene
Concen: 0.527 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

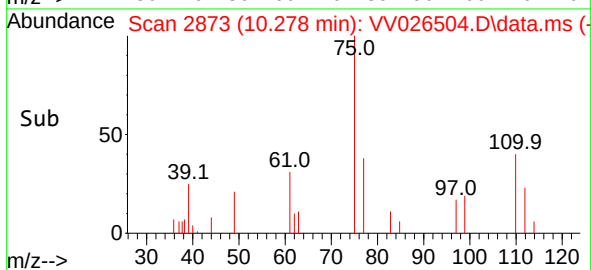
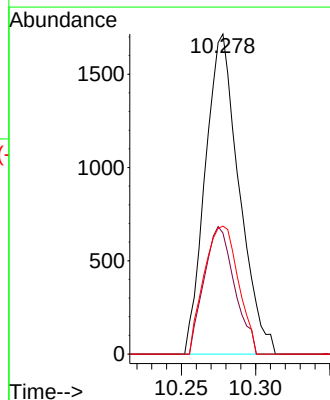
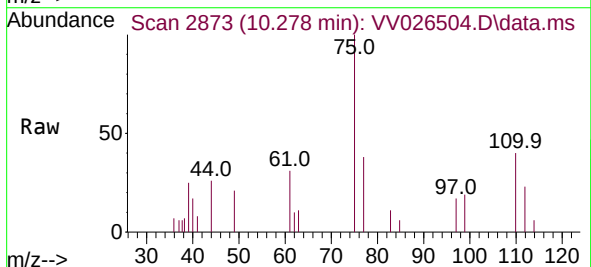
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

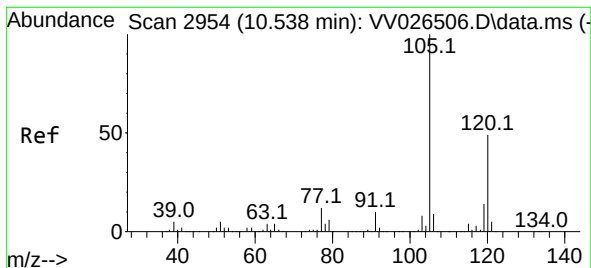
Tgt Ion:105 Resp: 24274
Ion Ratio Lower Upper
105 100
120 27.9 21.4 32.2
77 15.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 0.505 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
77 35.9 25.8 38.6
110 40.4 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 0.532 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

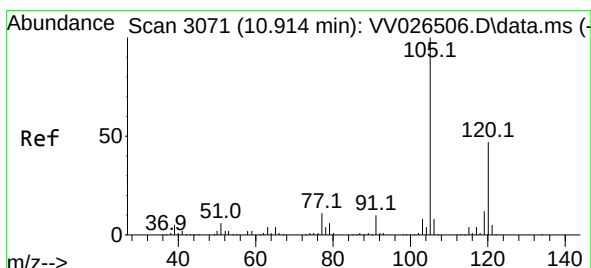
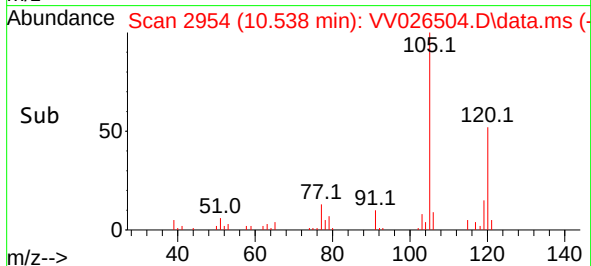
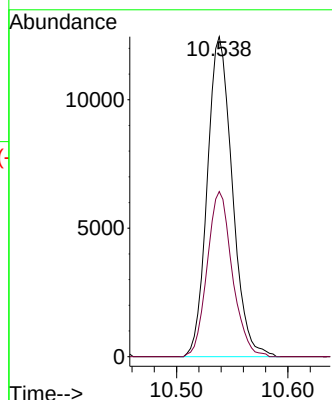
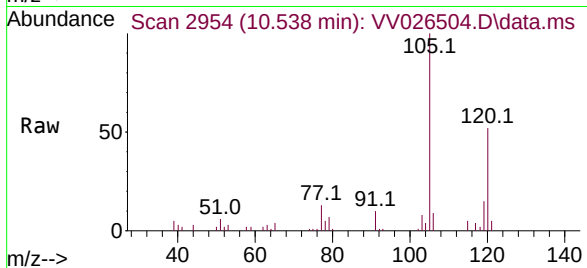
VSTD0.5273

Tgt Ion:105 Resp: 19451

Ion Ratio Lower Upper

105 100

120 51.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.498 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026504.D

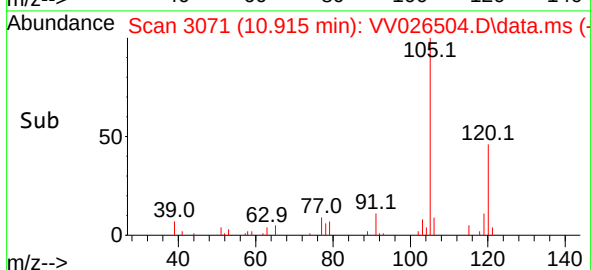
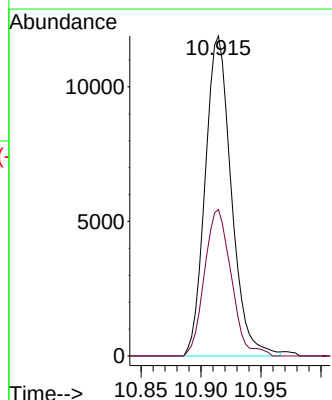
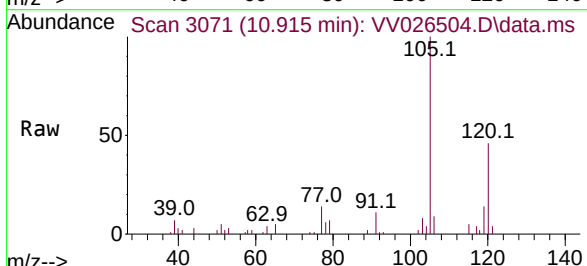
Acq: 23 Jun 2022 10:25

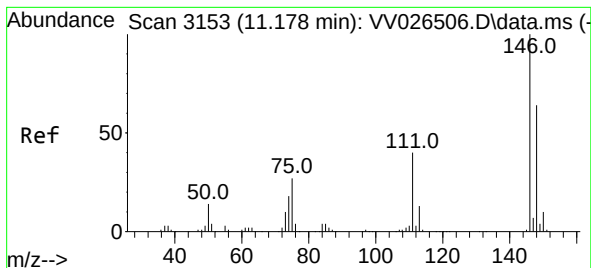
Tgt Ion:105 Resp: 18066

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 0.574 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.007 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5273

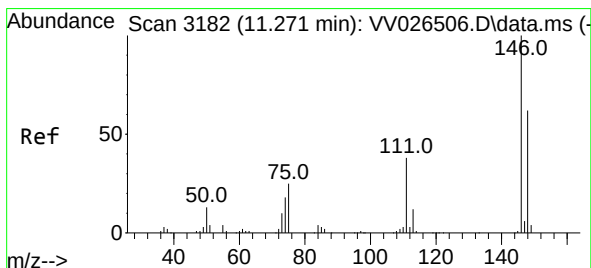
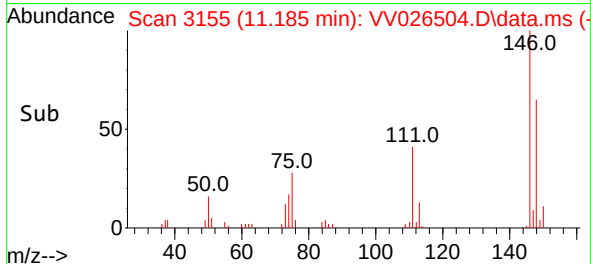
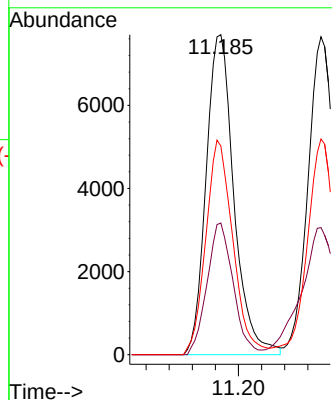
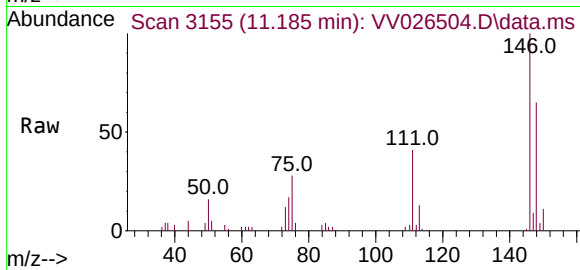
Tgt Ion:146 Resp: 12885

Ion Ratio Lower Upper

146 100

111 41.2 27.9 51.7

148 65.2 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.578 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

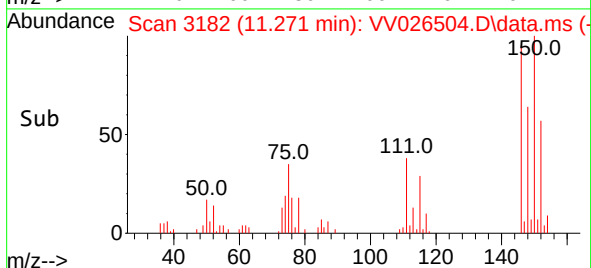
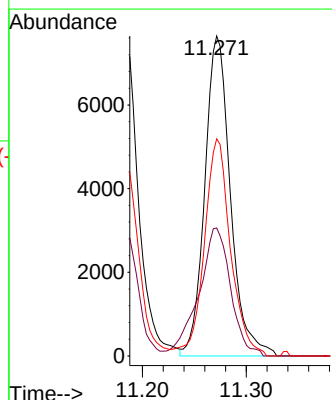
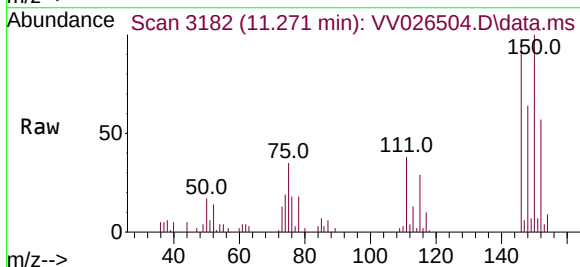
Tgt Ion:146 Resp: 13126

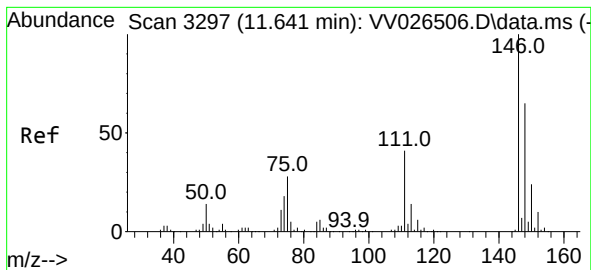
Ion Ratio Lower Upper

146 100

111 40.0 26.5 49.3

148 67.8 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 0.547 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5273

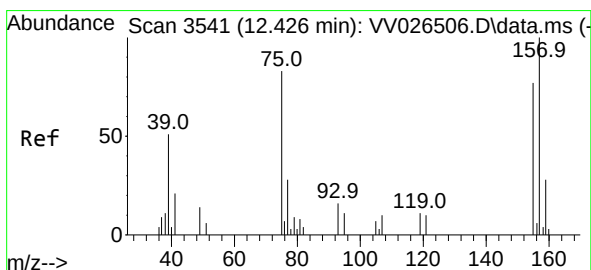
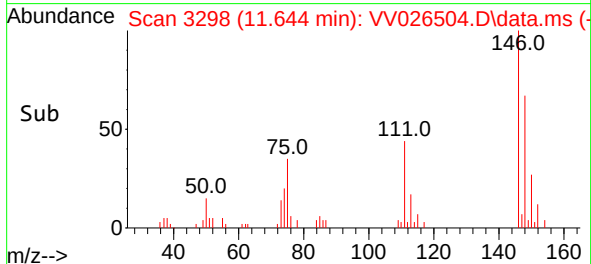
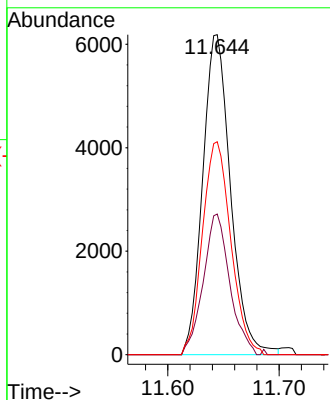
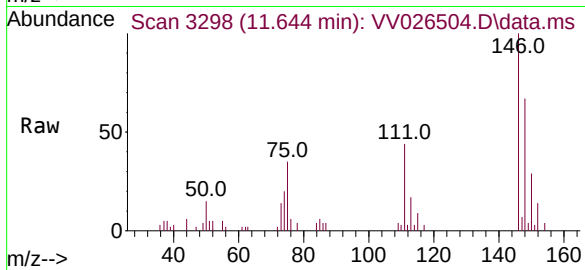
Tgt Ion:146 Resp: 10752

Ion Ratio Lower Upper

146 100

111 44.0 32.8 49.2

148 66.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.696 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026504.D

Acq: 23 Jun 2022 10:25

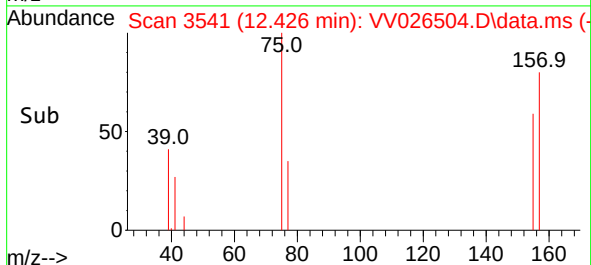
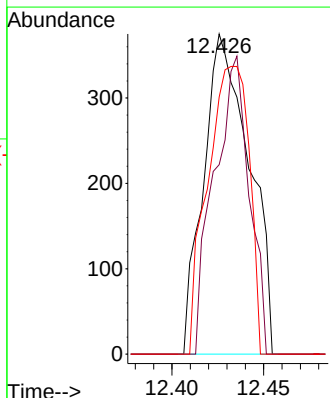
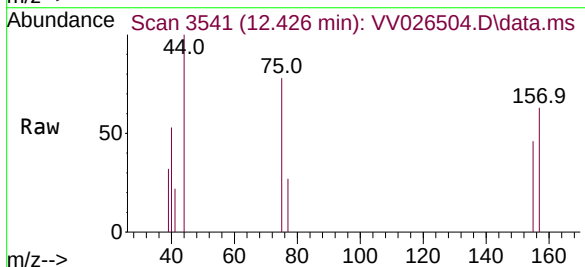
Tgt Ion: 75 Resp: 648

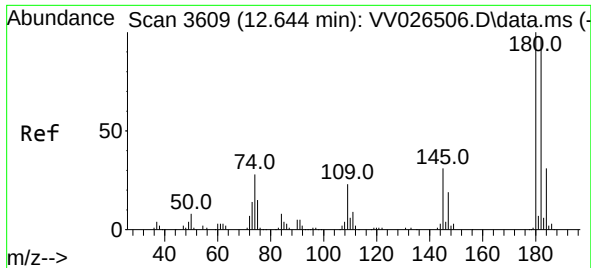
Ion Ratio Lower Upper

75 100

155 59.2 74.7 112.1#

157 80.3 96.9 145.3#

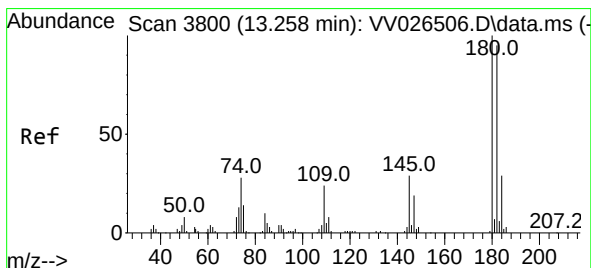
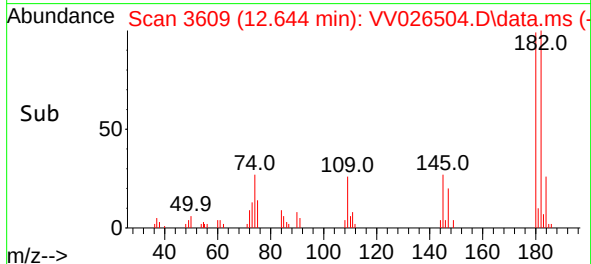
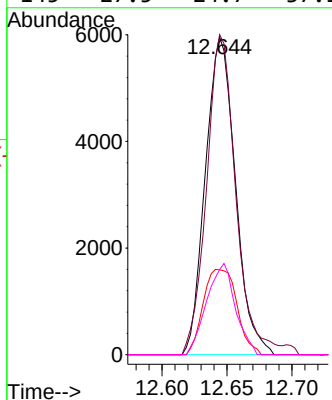
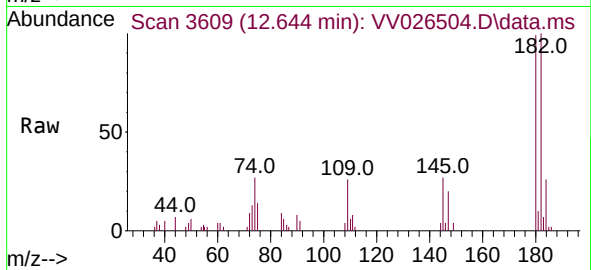




#69
1,3,5-Trichlorobenzene
Concen: 0.594 ug/L
RT: 12.644 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

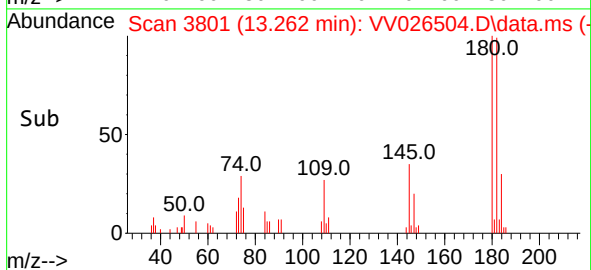
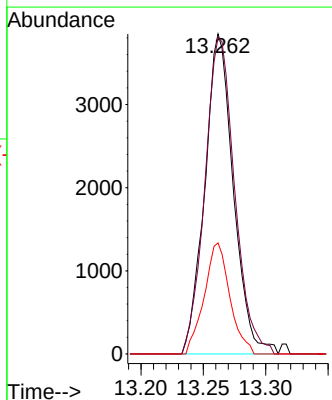
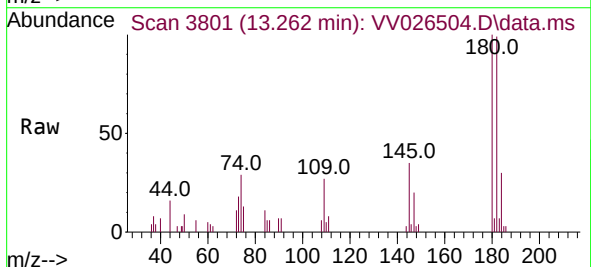
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

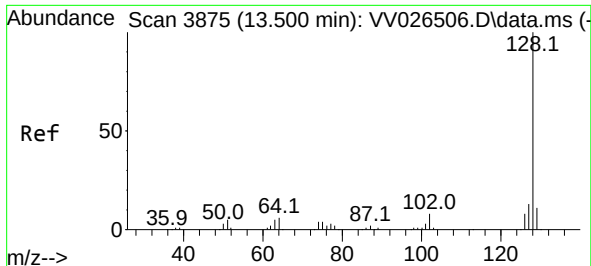
Tgt Ion:180	Resp:	9558	
Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.6	115.0
184	30.0	24.1	36.1
145	27.5	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 0.519 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion:180	Resp:	6151	
Ion	Ratio	Lower	Upper
180	100		
182	102.7	75.2	112.8
145	31.0	24.4	36.6

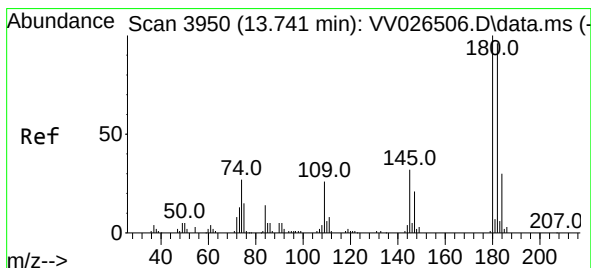
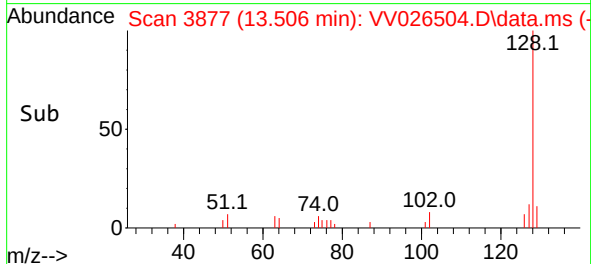
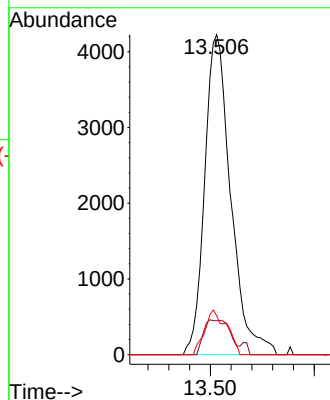
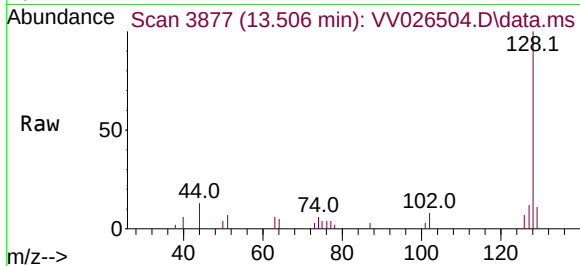




#71
Naphthalene
Concen: 0.455 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5273

Tgt Ion:128	Resp:	7355
Ion Ratio	Lower	Upper
128	100	
129	11.1	8.6 12.8
127	11.8	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.513 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026504.D
Acq: 23 Jun 2022 10:25

Tgt Ion:180	Resp:	5030
Ion Ratio	Lower	Upper
180	100	
182	87.8	76.8 115.2
145	29.1	25.8 38.6

