

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026413.D
 Acq On : 18 Jun 2022 10:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Jun 20 01:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	77070	4.558	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.581	69	63904	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.121	63	145006	4.994	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.912	46	83236	50.454	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.900%	
24) Chloroform-d	4.352	84	139104	5.613	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.200%	
26) 1,2-Dichloroethane-d4	5.037	65	53559	5.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.053	84	273307	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.072	67	76161	5.279	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.314	98	258855	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
43) trans-1,3-Dichloroprop...	7.622	79	21138	4.518	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.088	63	66831	47.289	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.580%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51056	5.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75158	5.171	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	83398	5.730	ug/L	99
3) Chloromethane	1.253	50	78612	4.864	ug/L	99
5) Vinyl chloride	1.323	62	86010	5.119	ug/L	89
6) Bromomethane	1.536	94	41739	4.445	ug/L	100
8) Chloroethane	1.597	64	69401	6.653	ug/L	88
9) Trichlorofluoromethane	1.767	101	130098	5.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	79026	5.875	ug/L	99
12) 1,1-Dichloroethene	2.130	96	70286	5.715	ug/L	95
13) Acetone	2.211	43	64440	50.403	ug/L	87
14) Carbon disulfide	2.304	76	153441	5.060	ug/L	99
15) Methyl Acetate	2.455	43	16222	5.288	ug/L	99
16) Methylene chloride	2.516	84	72745	4.636	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	115849	5.479	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	66313	5.560	ug/L	95
19) 1,1-Dichloroethane	3.198	63	131339	5.774	ug/L	99
21) 2-Butanone	3.992	43	89861	54.320	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	67882	5.625	ug/L	98
23) Bromochloromethane	4.256	128	29461	5.754	ug/L	93
25) Chloroform	4.381	83	140116	5.679	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005325

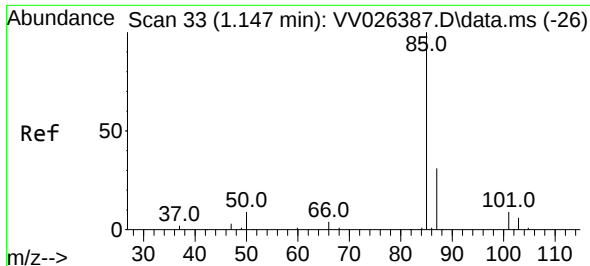
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	65746	5.854	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	120627	5.904	ug/L	100
30) Cyclohexane	4.683	56	79536	5.205	ug/L	99
31) Carbon tetrachloride	4.831	117	100915	5.832	ug/L	99
33) Benzene	5.101	78	280931	5.926	ug/L	100
34) Trichloroethene	5.915	95	68861	5.321	ug/L	98
35) Methylcyclohexane	6.130	83	94287	5.267	ug/L	99
37) 1,2-Dichloropropane	6.172	63	68686	5.540	ug/L #	97
38) Bromodichloromethane	6.510	83	86278	5.737	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	70457	4.979	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	252218	55.322	ug/L	99
42) Toluene	7.387	91	304902	6.115	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	55124	4.878	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	45166	5.550	ug/L	94
47) Tetrachloroethene	7.973	164	55945	5.836	ug/L	99
48) 2-Hexanone	8.140	43	180626	55.299	ug/L	99
49) Dibromochloromethane	8.243	129	50686	5.624	ug/L	98
50) 1,2-Dibromoethane	8.352	107	38551	5.559	ug/L	99
51) Chlorobenzene	8.879	112	188174	5.780	ug/L	99
52) Ethylbenzene	9.011	91	290149	5.805	ug/L	97
53) m,p-Xylene	9.137	106	117112	6.011	ug/L	97
54) o-Xylene	9.542	106	108570	5.752	ug/L	98
55) Styrene	9.558	104	196049	6.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	51566	6.246	ug/L	95
59) Bromoform	9.728	173	22276	5.377	ug/L	100
60) Isopropylbenzene	9.931	105	297073	5.906	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32872	5.369	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	218971	5.486	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	225131	5.698	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	146543	5.929	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	144760	5.763	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	123833	5.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5453	5.028	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	99312	5.557	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67950	5.155	ug/L	99
71) Naphthalene	13.500	128	83053	4.538	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56343	5.106	ug/L	97

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

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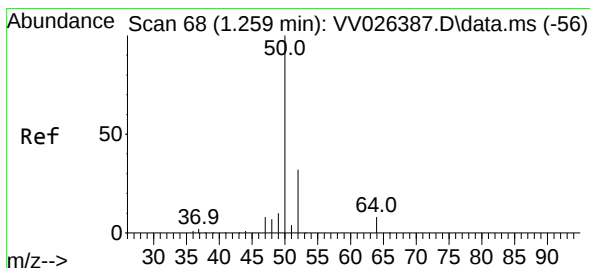
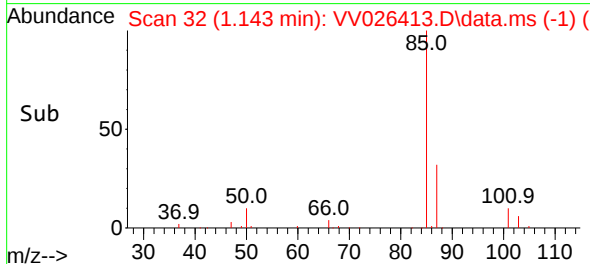
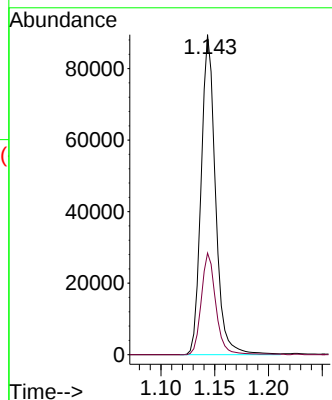
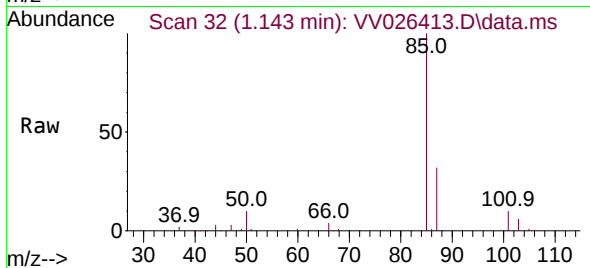




#2
 Dichlorodifluoromethane
 Concen: 5.730 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

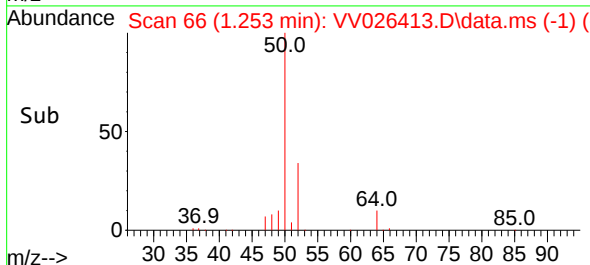
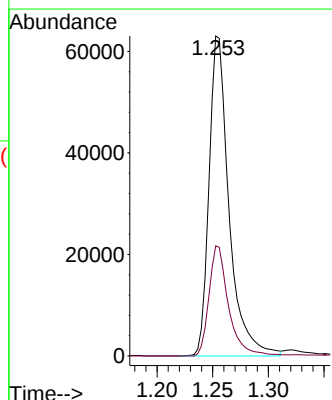
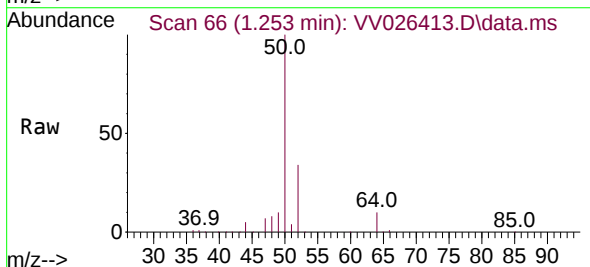
Instrument :
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 ClientSampleId :
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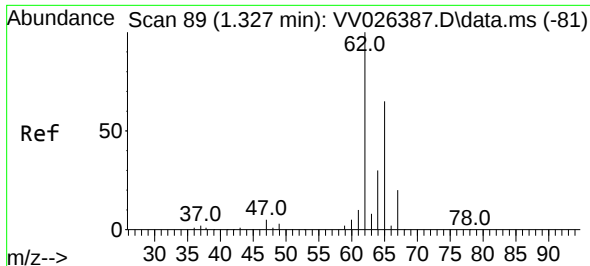
Tgt Ion: 85 Resp: 83398
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.864 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

Tgt Ion: 50 Resp: 78612
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 44.1

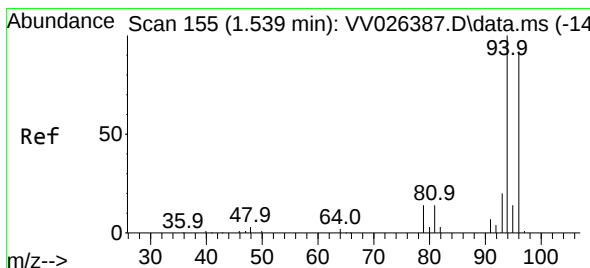
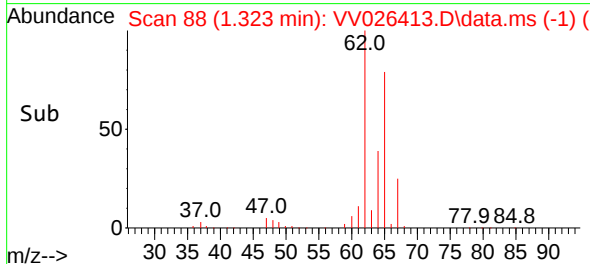
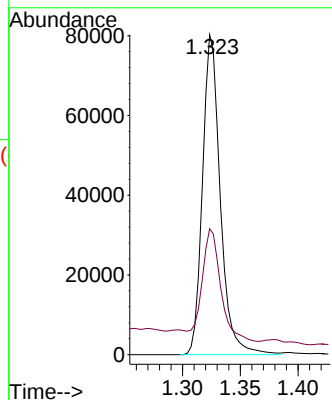
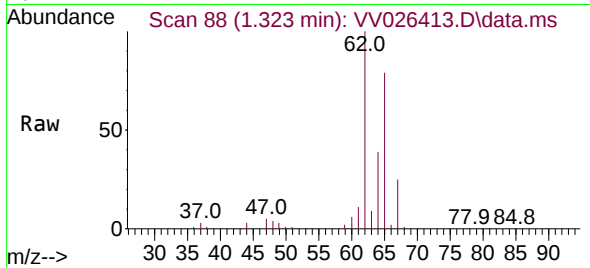




#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

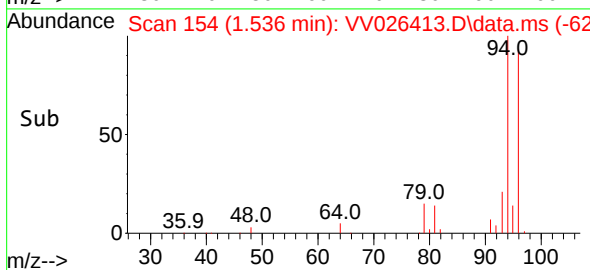
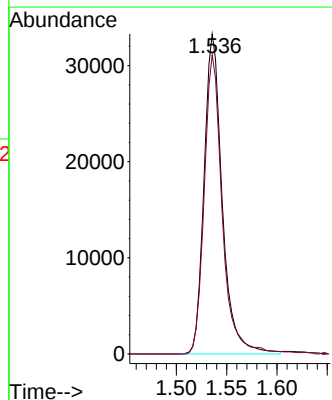
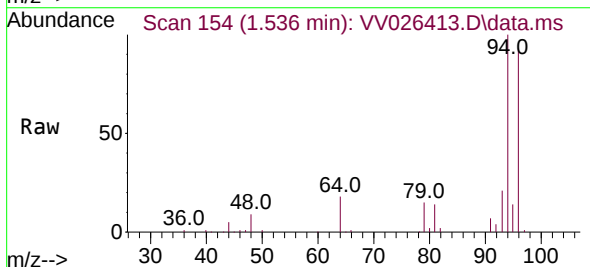
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 ClientSampleId :
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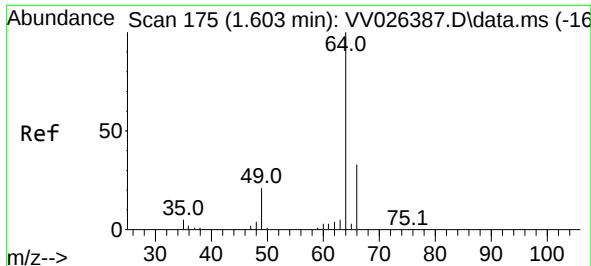
Tgt Ion: 62 Resp: 86010
 Ion Ratio Lower Upper
 62 100
 64 39.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.445 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

Tgt Ion: 94 Resp: 41739
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.7 121.9

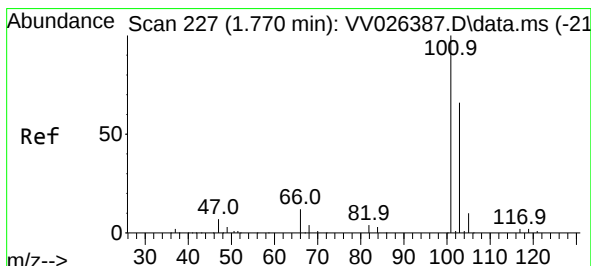
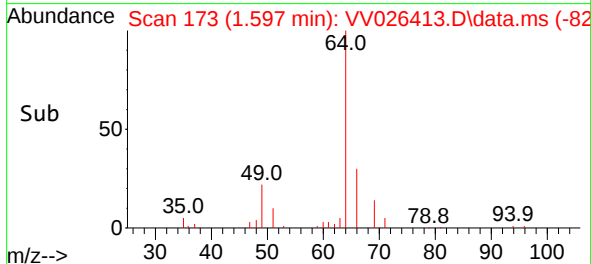
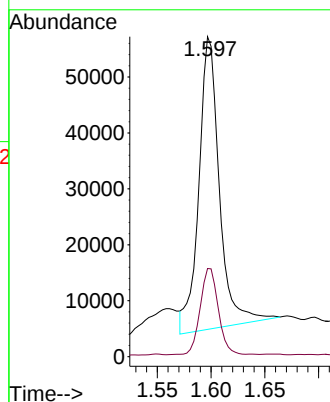
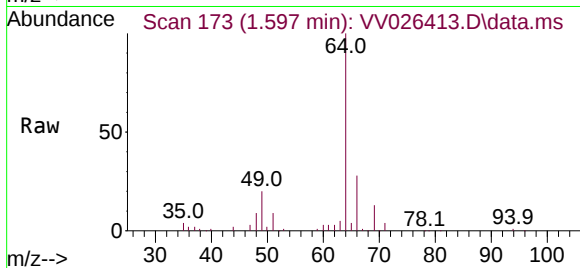




#8
Chloroethane
Concen: 6.653 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

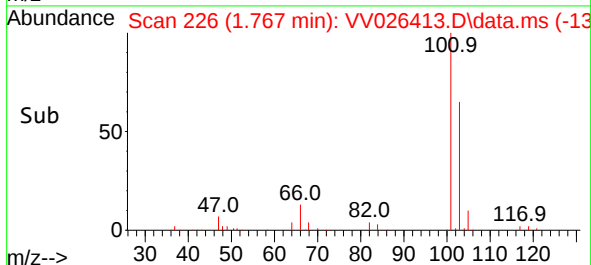
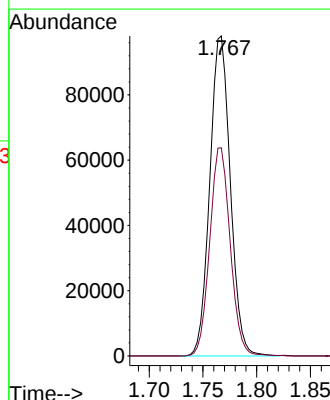
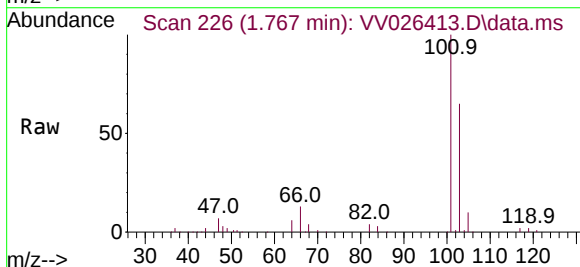
Instrument :
MSVOA_V
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VSTD005325

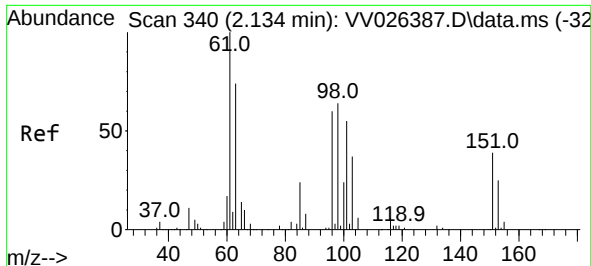
Tgt Ion: 64 Resp: 69401
Ion Ratio Lower Upper
64 100
66 27.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.609 ug/L
RT: 1.767 min Scan# 226
Delta R.T. -0.003 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 101 Resp: 130098
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

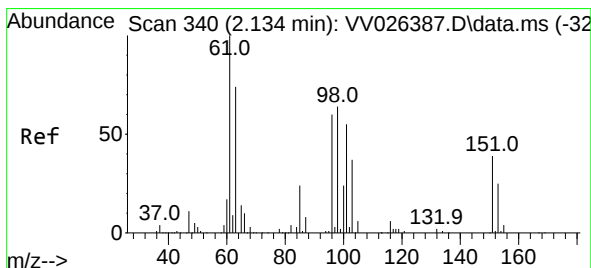
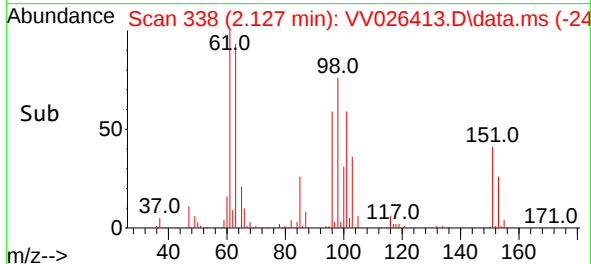
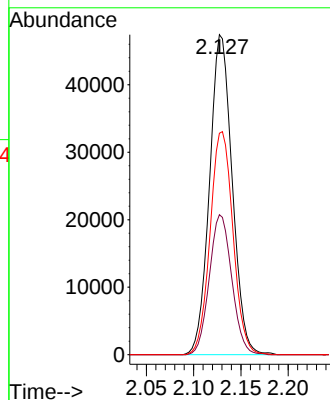
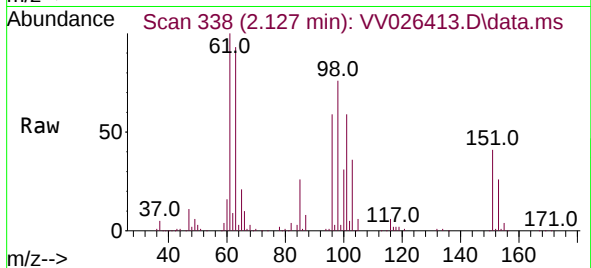




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.875 ug/L
 RT: 2.127 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

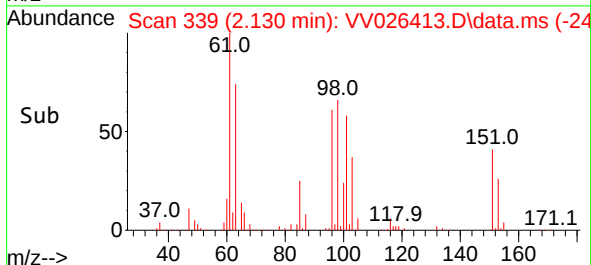
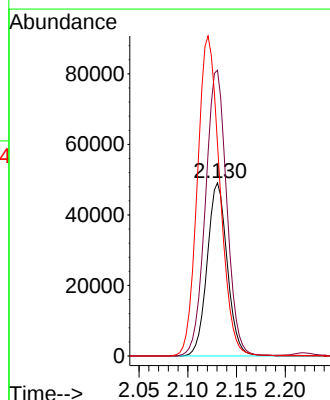
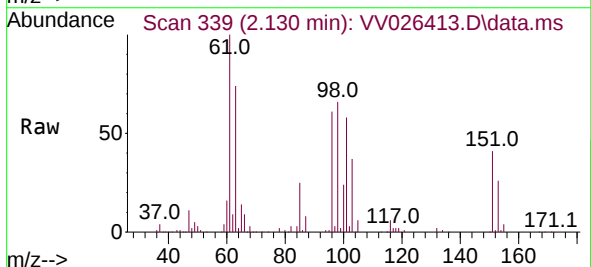
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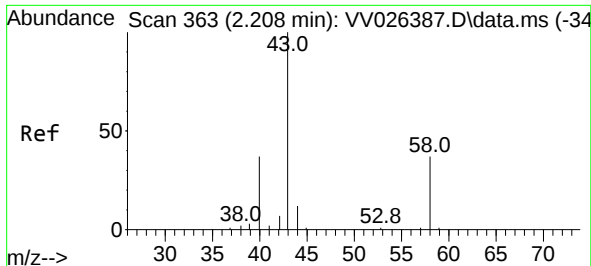
Tgt Ion:101 Resp: 79026
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.3 52.9
 151 70.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.715 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

Tgt Ion: 96 Resp: 70286
 Ion Ratio Lower Upper
 96 100
 61 165.0 117.1 217.5
 63 122.6 92.8 172.4





#13

Acetone

Concen: 50.403 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

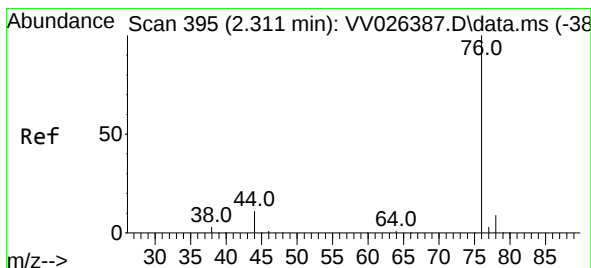
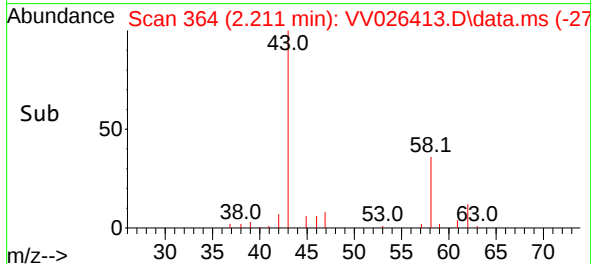
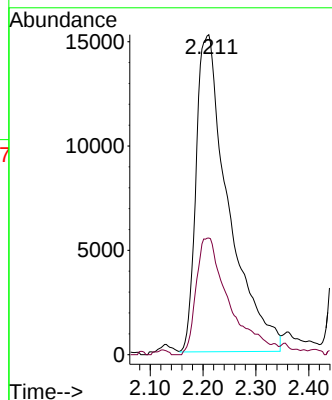
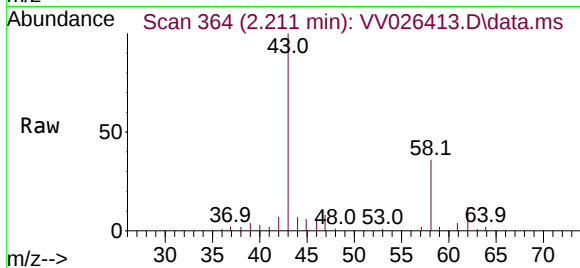
VSTD005325

Tgt Ion: 43 Resp: 64440

Ion Ratio Lower Upper

43 100

58 37.2 0.0 60.0



#14

Carbon disulfide

Concen: 5.060 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.006 min

Lab File: VV026413.D

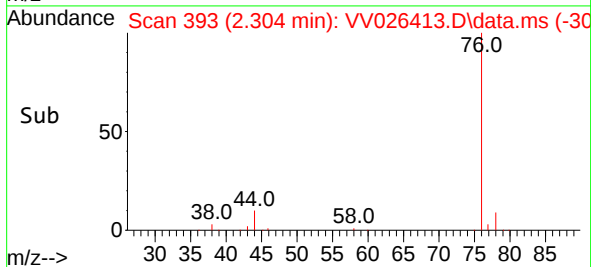
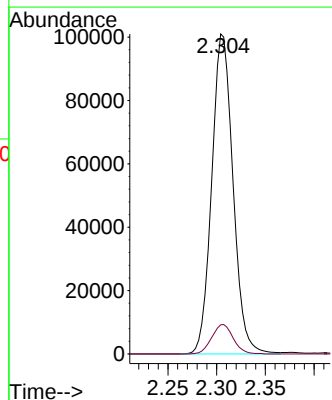
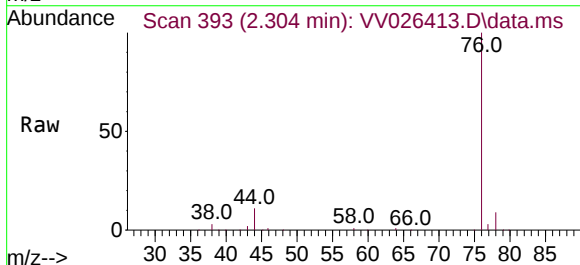
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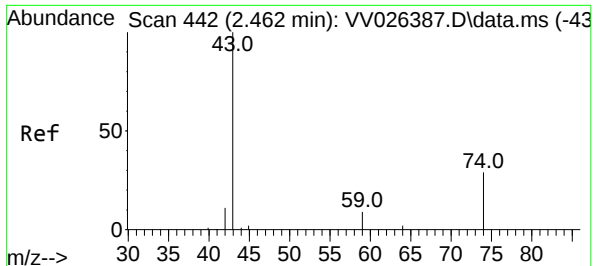
Tgt Ion: 76 Resp: 153441

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

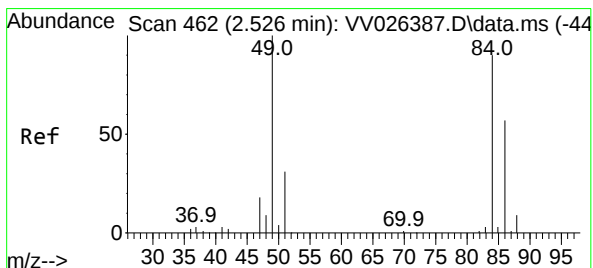
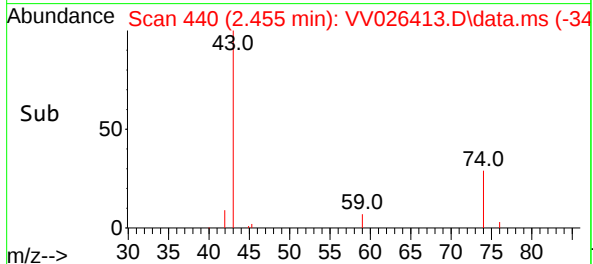
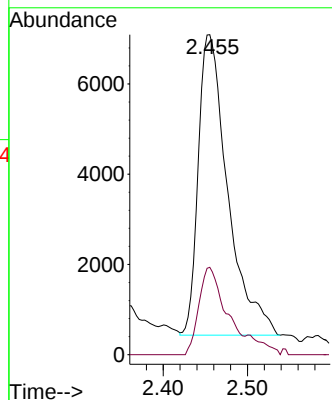
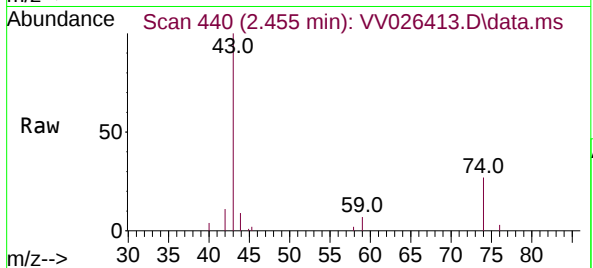




#15
Methyl Acetate
Concen: 5.288 ug/L
RT: 2.455 min Scan# 442
Delta R.T. -0.006 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

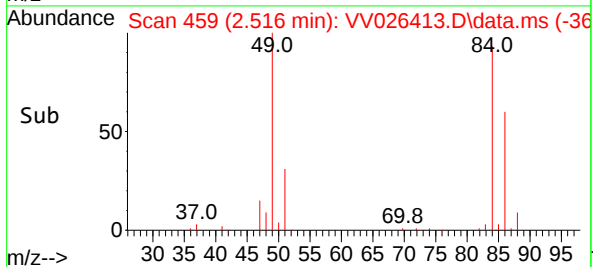
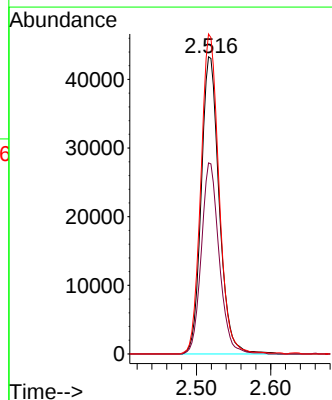
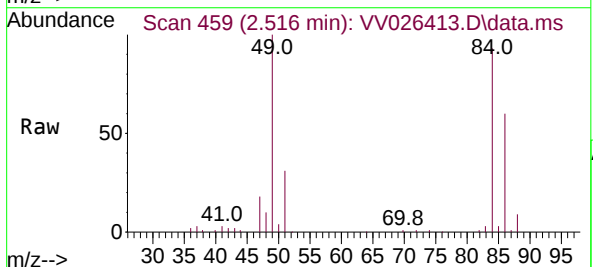
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

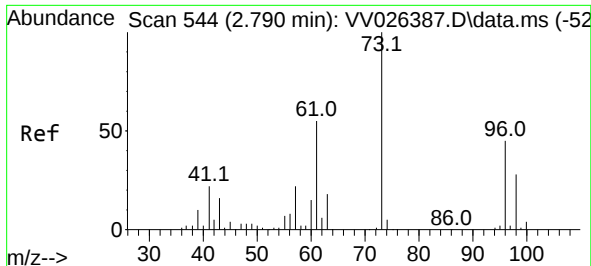
Tgt Ion: 43 Resp: 16222
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.0



#16
Methylene chloride
Concen: 4.636 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.010 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 84 Resp: 72745
Ion Ratio Lower Upper
84 100
86 64.3 44.0 81.8
49 107.7 77.3 143.7

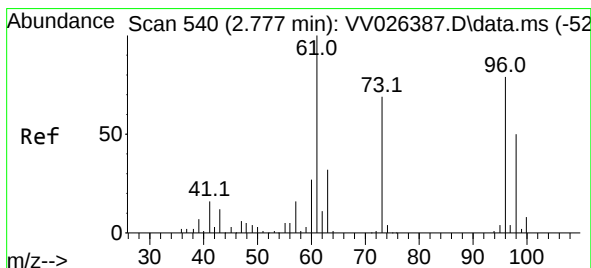
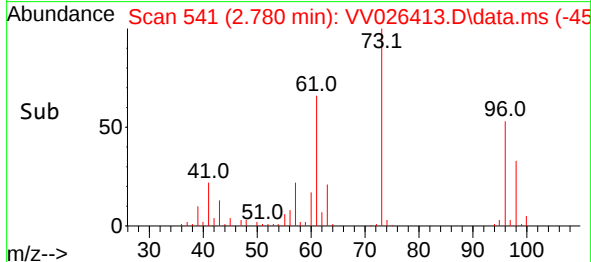
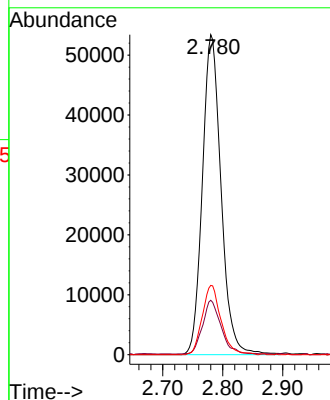
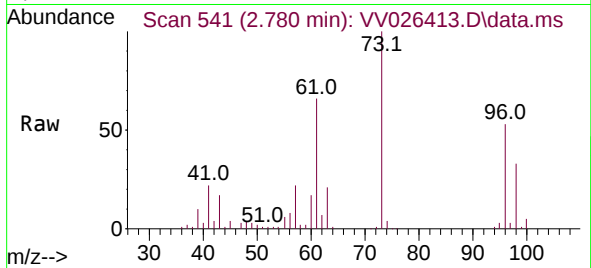




#17
Methyl tert-butyl Ether
Concen: 5.479 ug/L
RT: 2.780 min Scan# 544
Delta R.T. -0.010 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

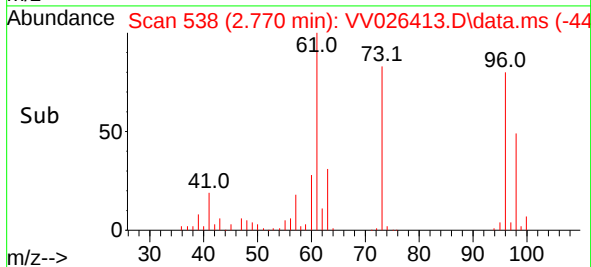
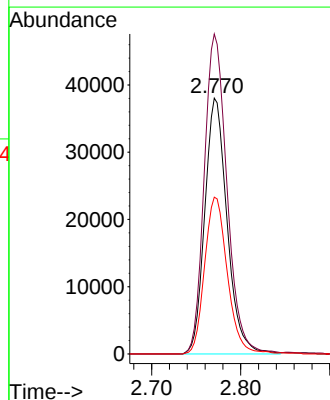
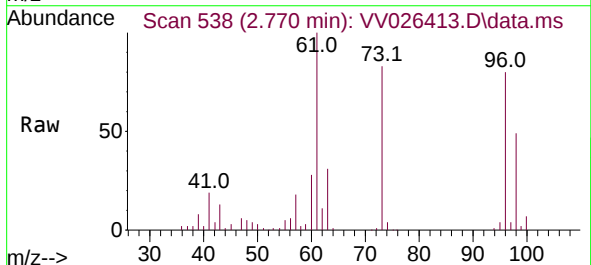
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

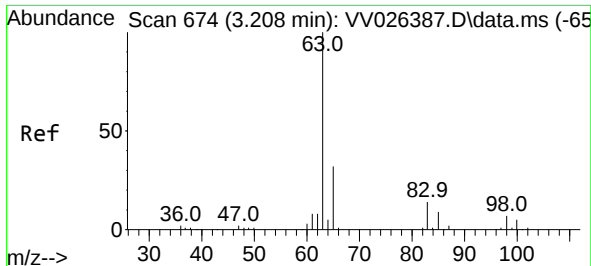
Tgt Ion: 73 Resp: 115849
Ion Ratio Lower Upper
73 100
43 16.5 13.0 19.6
57 21.7 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.560 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.006 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 96 Resp: 66313
Ion Ratio Lower Upper
96 100
61 125.1 91.3 169.6
98 61.3 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.774 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

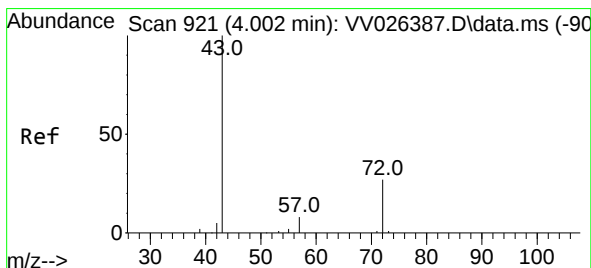
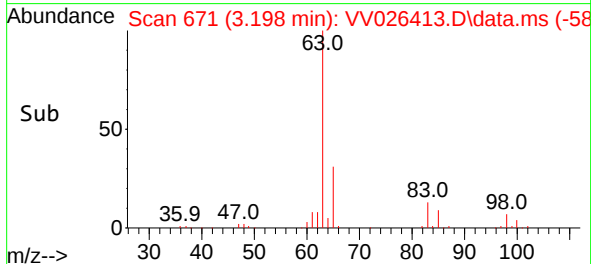
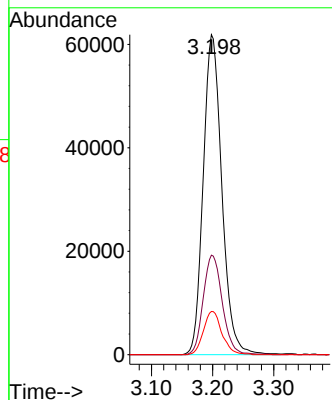
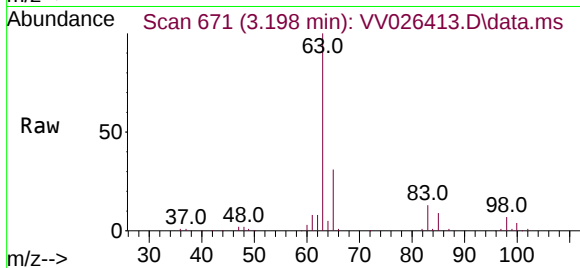
Tgt Ion: 63 Resp: 131339

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 13.5 8.9 16.5



#21

2-Butanone

Concen: 54.320 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.010 min

Lab File: VV026413.D

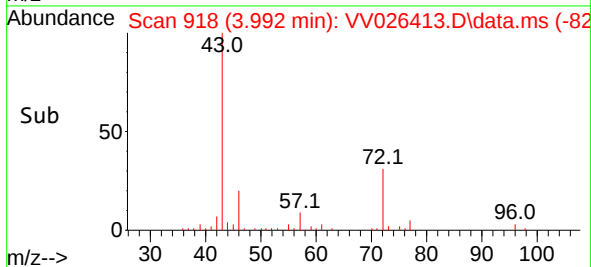
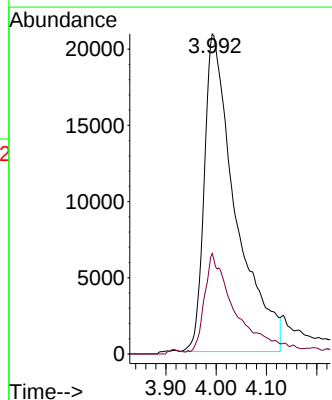
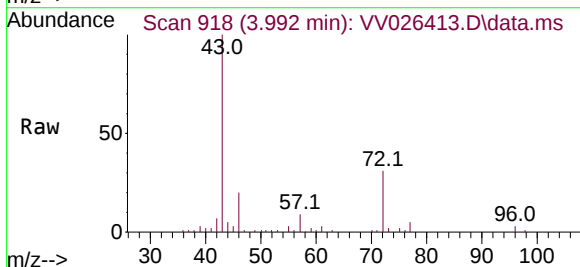
Acq: 18 Jun 2022 10:12

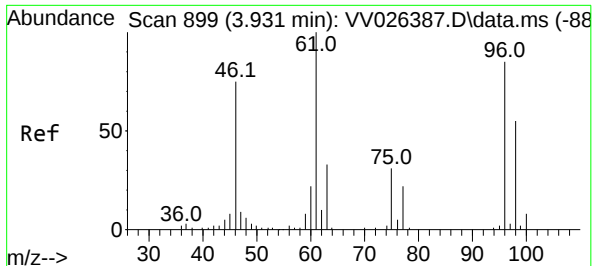
Tgt Ion: 43 Resp: 89861

Ion Ratio Lower Upper

43 100

72 28.7 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 5.625 ug/L

RT: 3.918 min Scan# 899

Delta R.T. -0.013 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

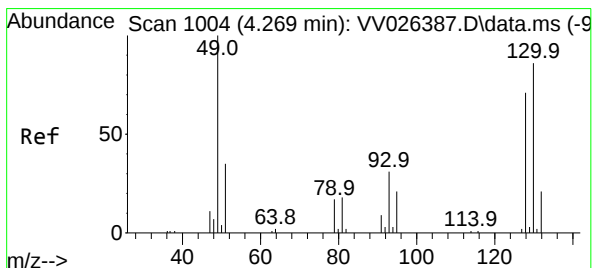
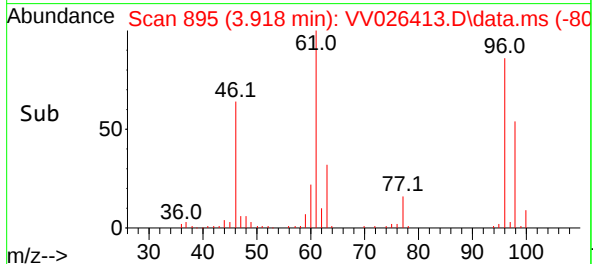
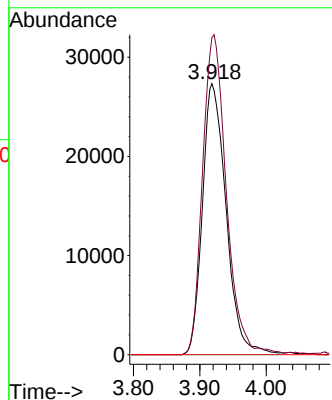
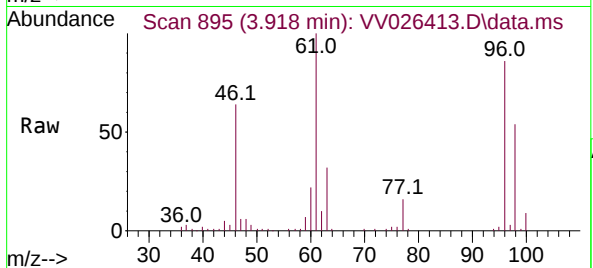
Tgt Ion: 96 Resp: 67882

Ion Ratio Lower Upper

96 100

61 116.9 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.754 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.013 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Tgt Ion: 128 Resp: 29461

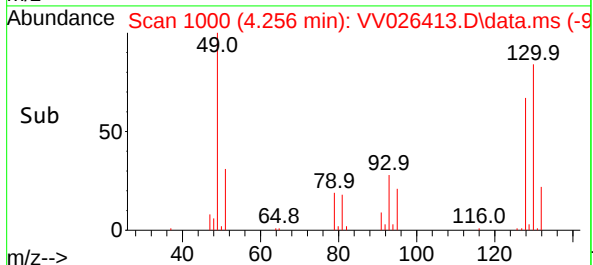
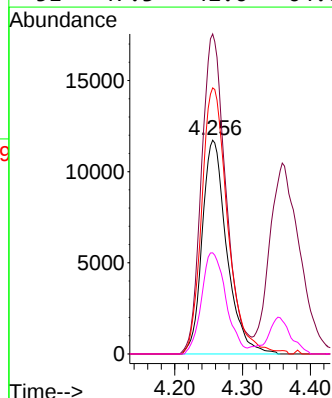
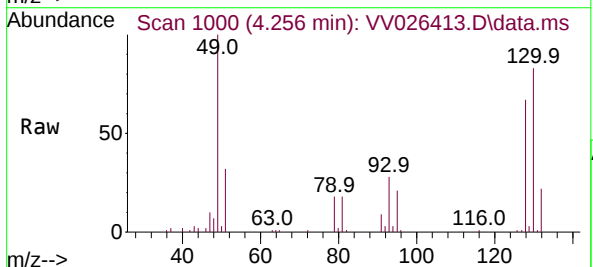
Ion Ratio Lower Upper

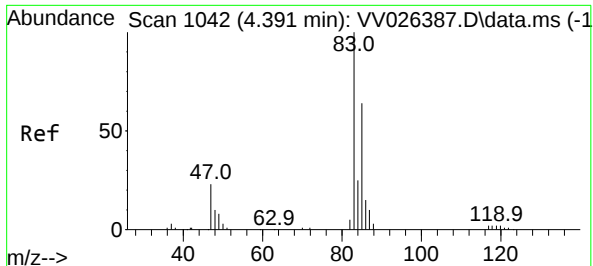
128 100

49 149.7 111.6 207.2

130 124.5 91.1 169.1

51 47.3 42.6 64.0





#25

Chloroform

Concen: 5.679 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

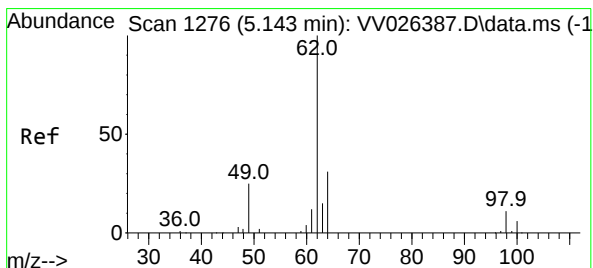
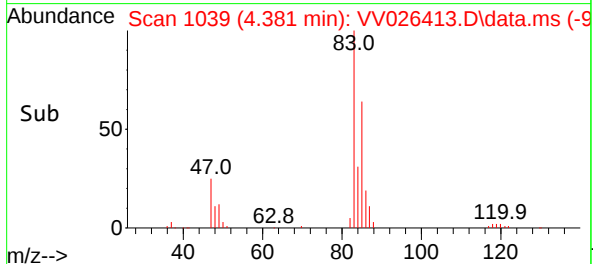
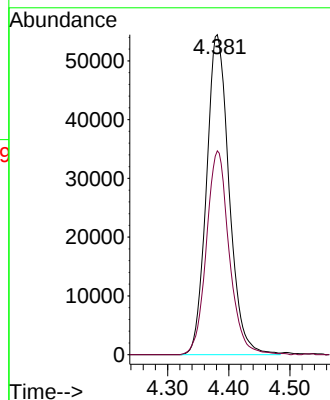
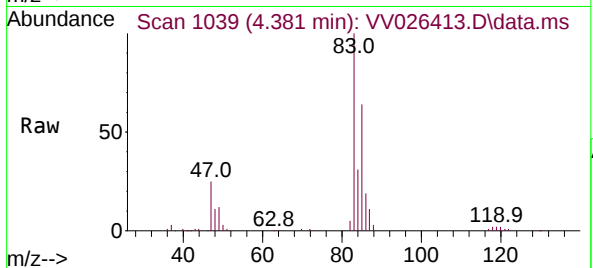
VSTD005325

Tgt Ion: 83 Resp: 140116

Ion Ratio Lower Upper

83 100

85 63.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.854 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. -0.010 min

Lab File: VV026413.D

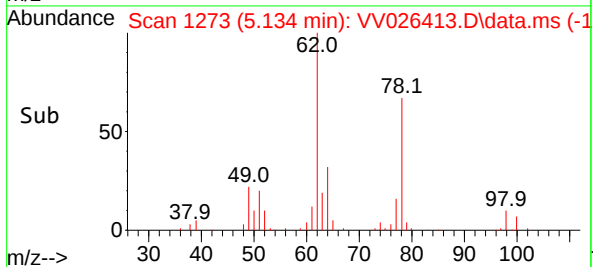
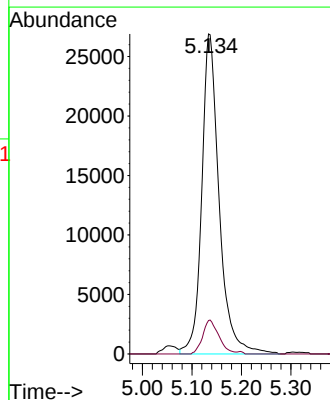
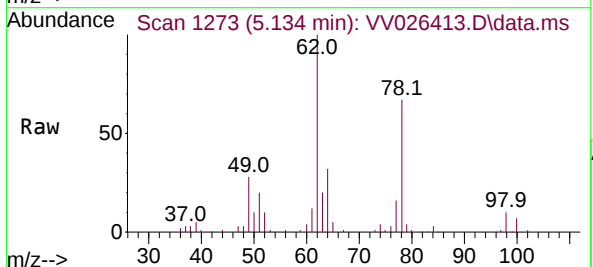
Acq: 18 Jun 2022 10:12

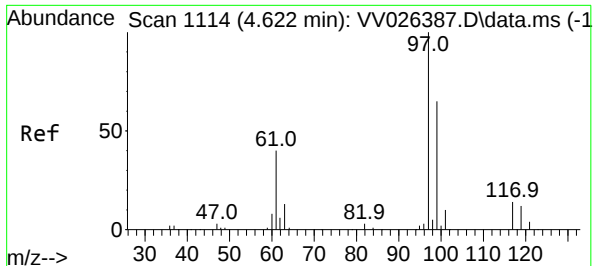
Tgt Ion: 62 Resp: 65746

Ion Ratio Lower Upper

62 100

98 10.5 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.904 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

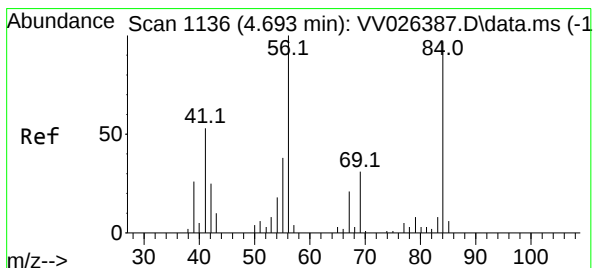
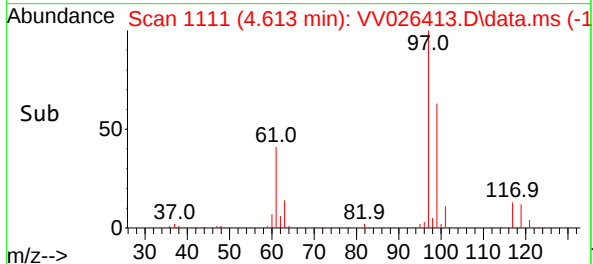
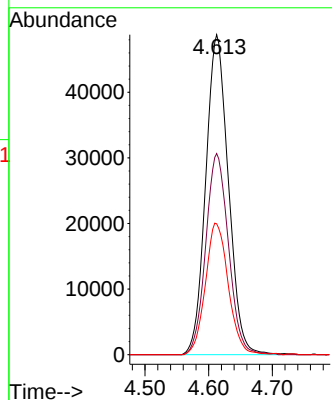
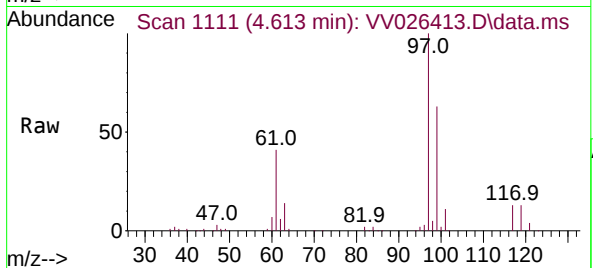
Tgt Ion: 97 Resp: 120627

Ion Ratio Lower Upper

97 100

99 63.3 50.3 75.5

61 41.6 33.4 50.0



#30

Cyclohexane

Concen: 5.205 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

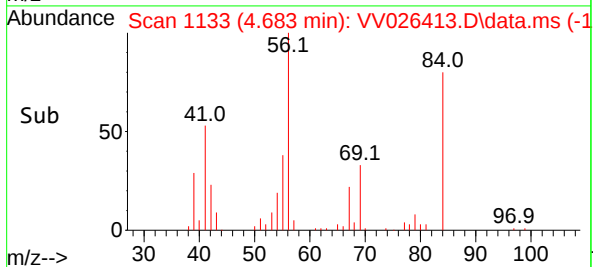
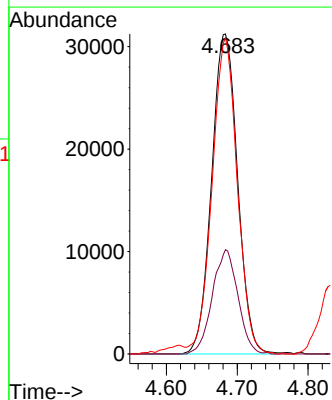
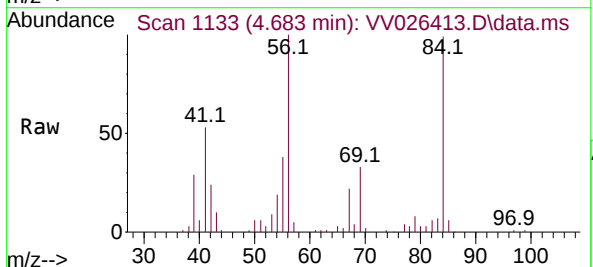
Tgt Ion: 56 Resp: 79536

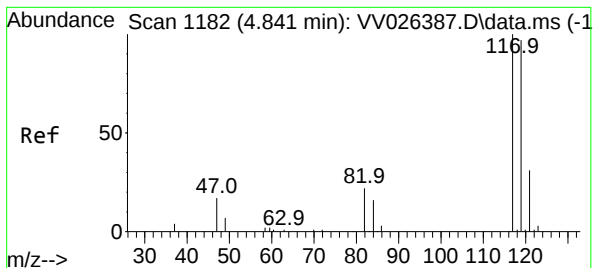
Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

84 95.6 76.4 114.6





#31

Carbon tetrachloride

Concen: 5.832 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

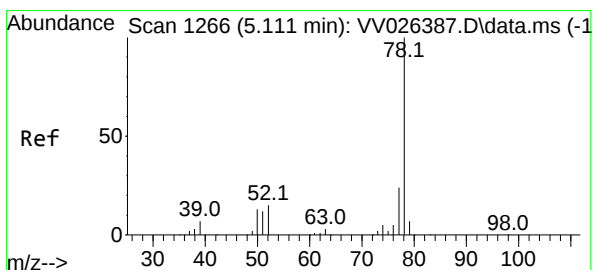
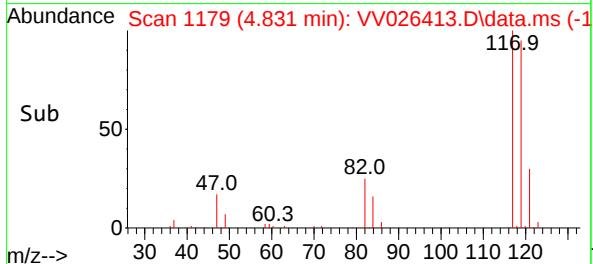
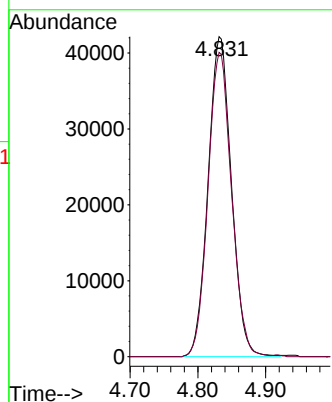
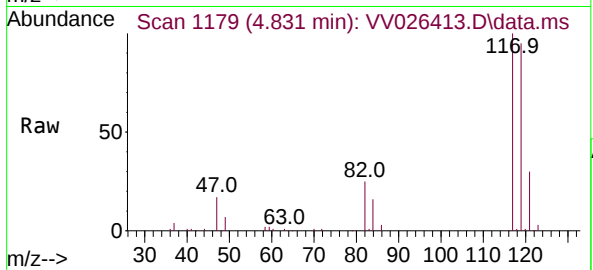
VSTD005325

Tgt Ion:117 Resp: 100915

Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.4



#33

Benzene

Concen: 5.926 ug/L

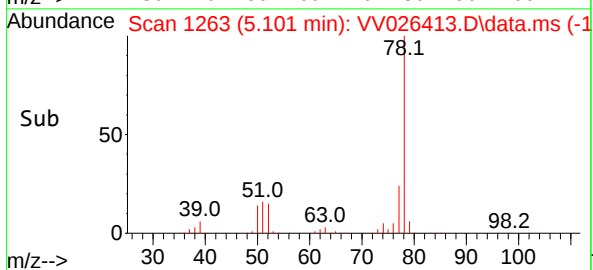
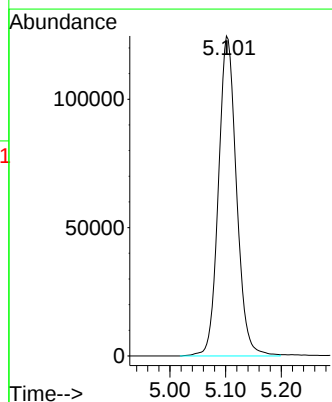
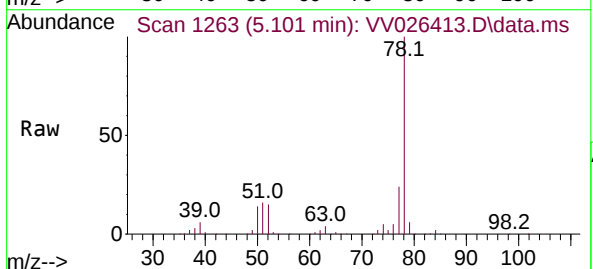
RT: 5.101 min Scan# 1263

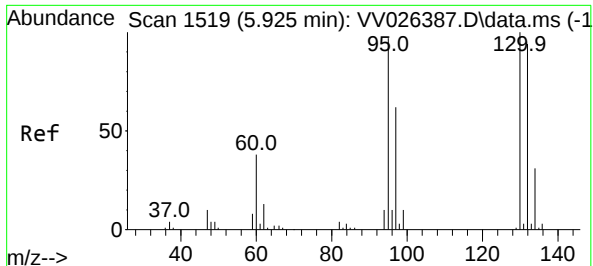
Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Tgt Ion: 78 Resp: 280931



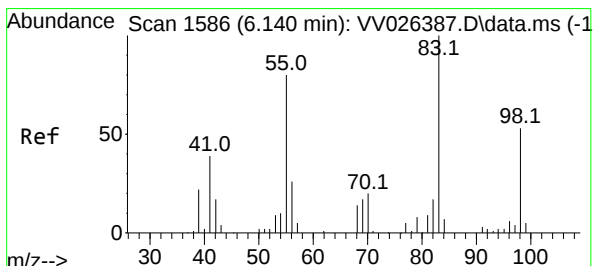
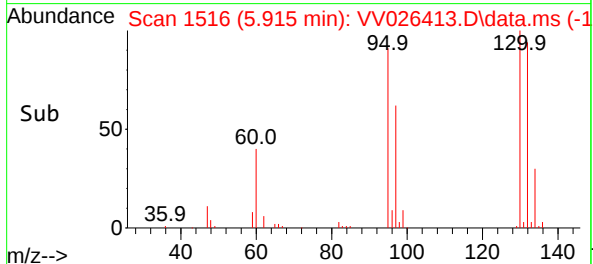
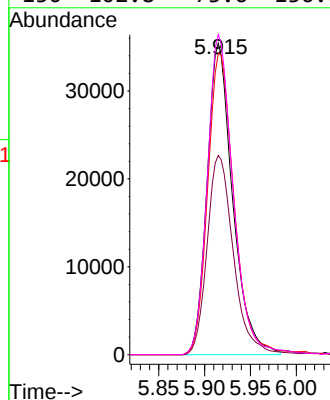
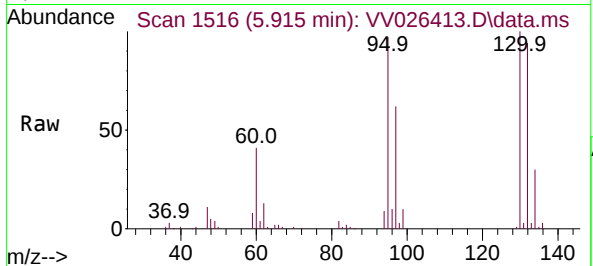


#34
Trichloroethene
Concen: 5.321 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.010 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

Tgt Ion: 95 Resp: 68861

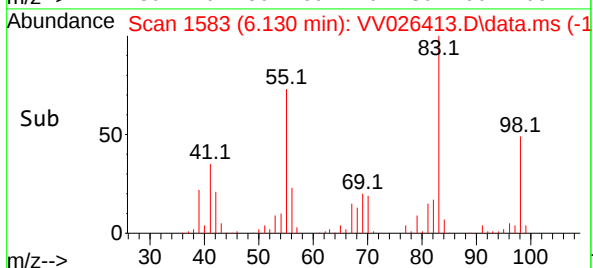
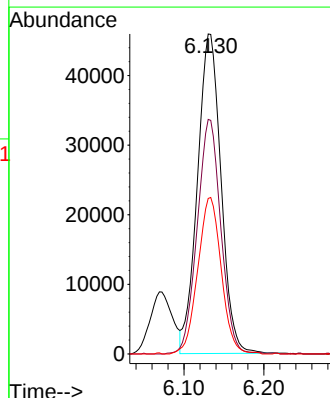
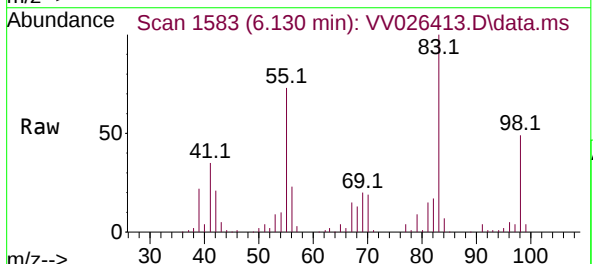
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.5	86.3
132	96.8	68.8	127.8
130	102.8	73.6	136.6

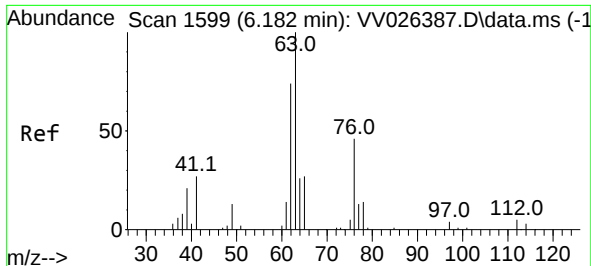


#35
Methylcyclohexane
Concen: 5.267 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.010 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 83 Resp: 94287

Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.3	88.9
98	48.7	39.9	59.9





#37

1,2-Dichloropropane

Concen: 5.540 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

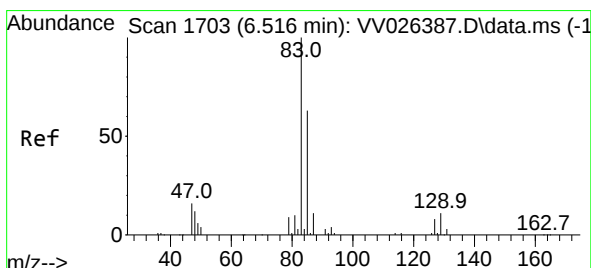
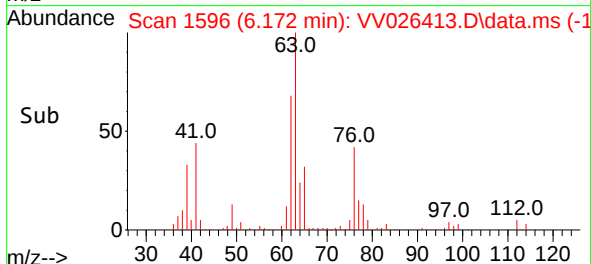
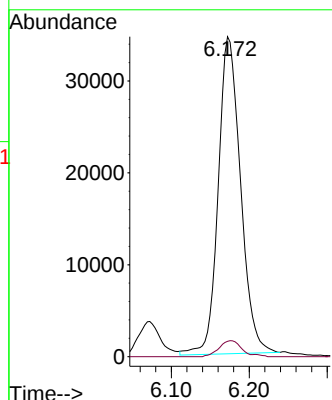
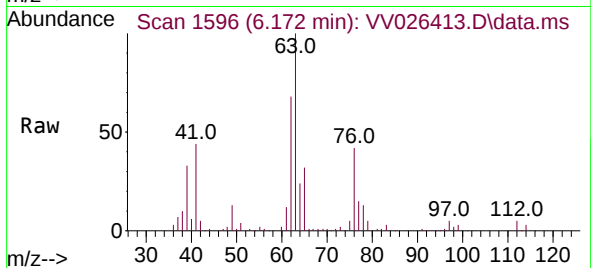
VSTD005325

Tgt Ion: 63 Resp: 68686

Ion Ratio Lower Upper

63 100

112 5.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.737 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

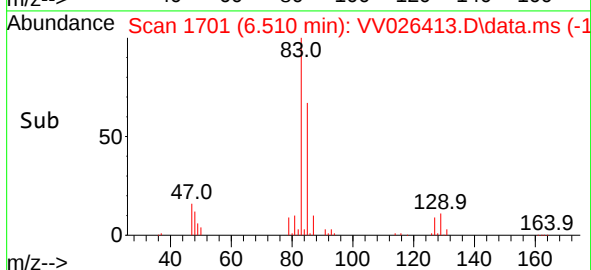
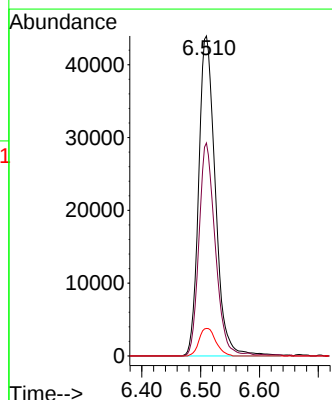
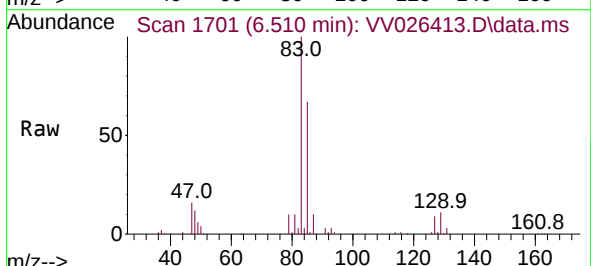
Tgt Ion: 83 Resp: 86278

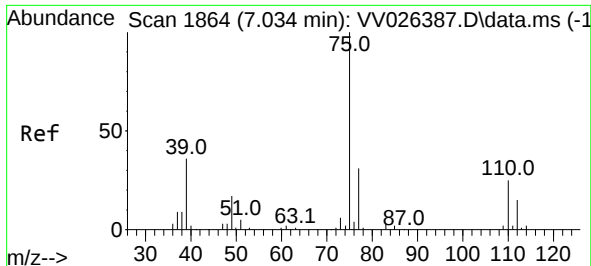
Ion Ratio Lower Upper

83 100

85 66.5 45.6 84.6

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.979 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

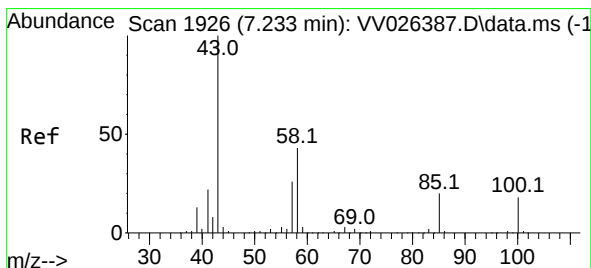
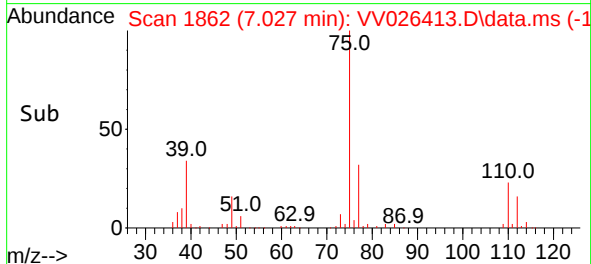
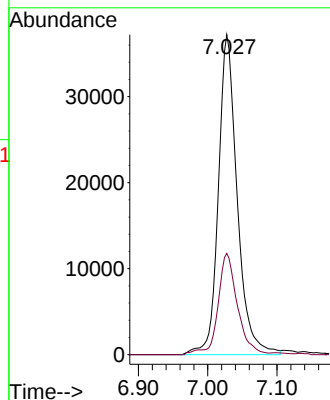
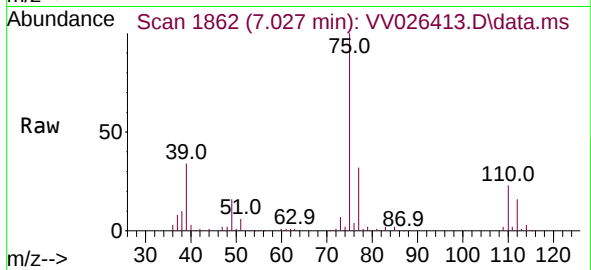
VSTD005325

Tgt Ion: 75 Resp: 70457

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 55.322 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

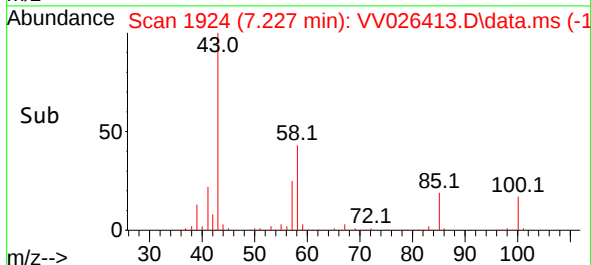
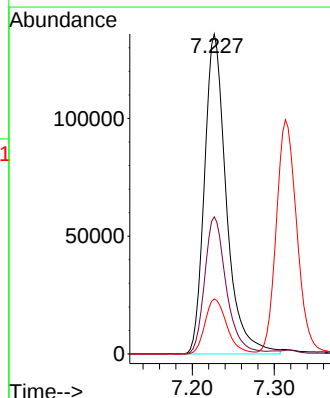
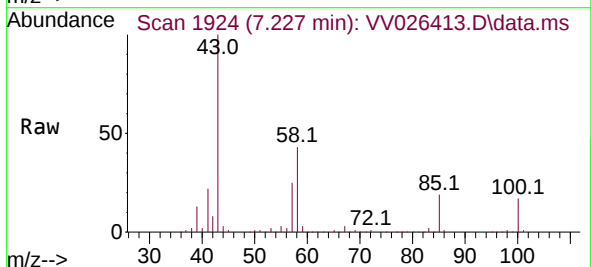
Tgt Ion: 43 Resp: 252218

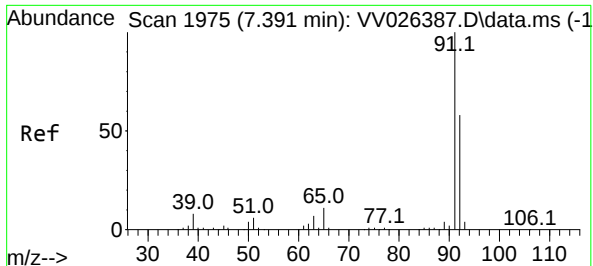
Ion Ratio Lower Upper

43 100

58 42.5 33.3 49.9

100 17.2 13.4 20.2





#42

Toluene

Concen: 6.115 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

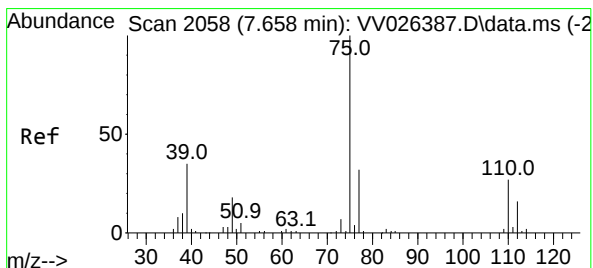
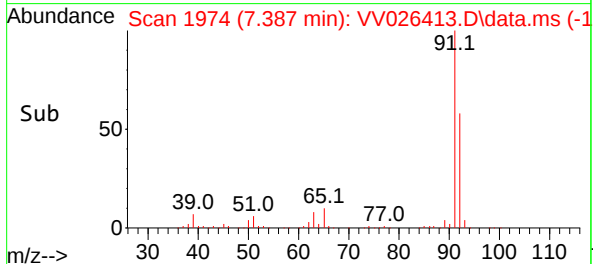
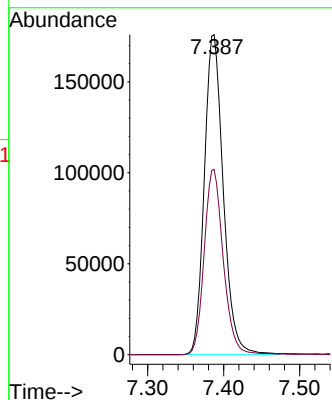
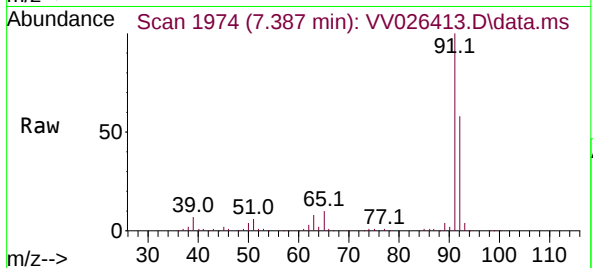
VSTD005325

Tgt Ion: 91 Resp: 304902

Ion Ratio Lower Upper

91 100

92 57.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.878 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VV026413.D

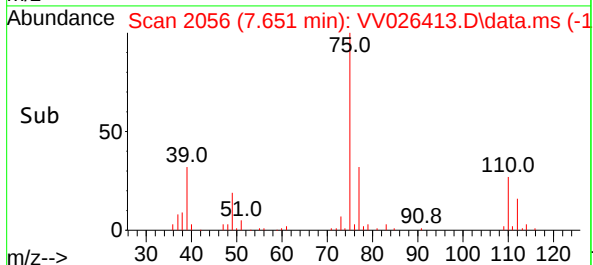
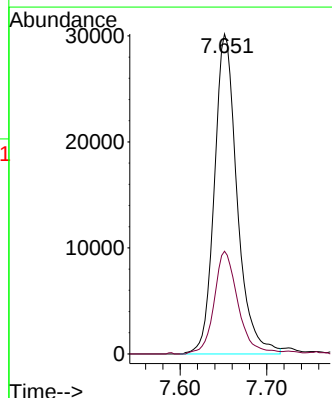
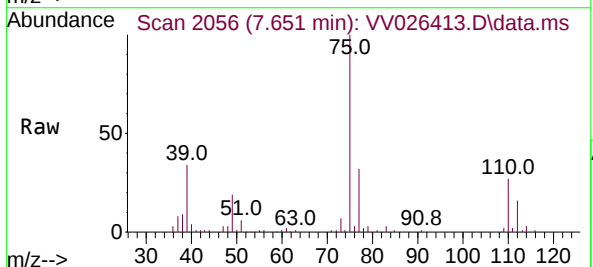
Acq: 18 Jun 2022 10:12

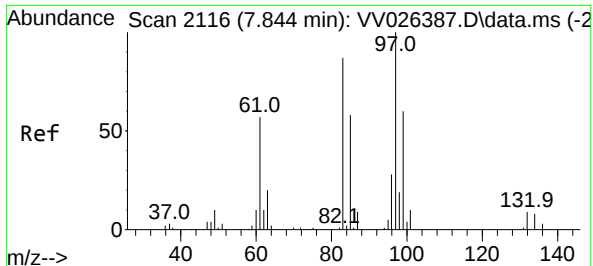
Tgt Ion: 75 Resp: 55124

Ion Ratio Lower Upper

75 100

77 32.1 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.550 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.006 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

Tgt Ion: 97 Resp: 45166

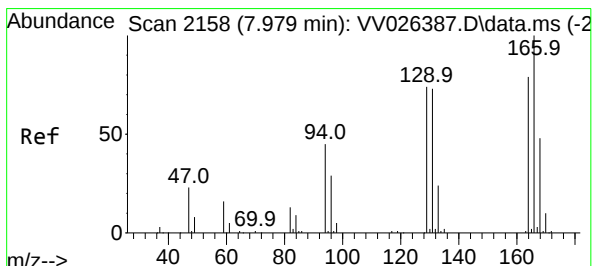
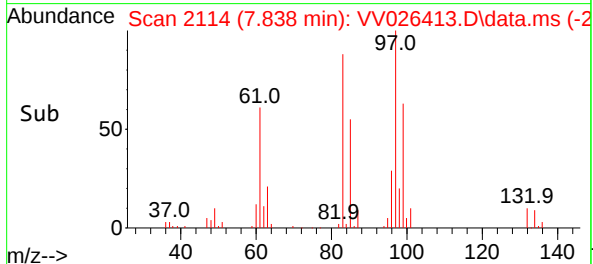
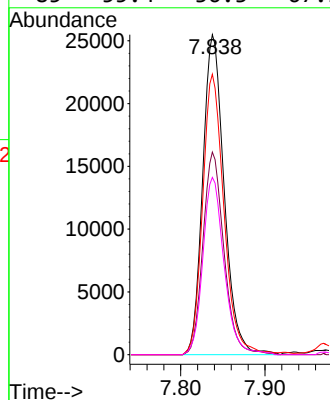
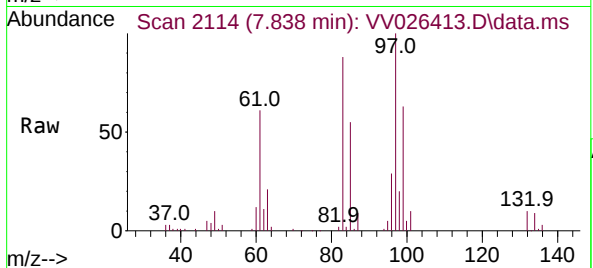
Ion Ratio Lower Upper

97 100

99 63.3 42.4 78.6

83 87.6 56.1 104.1

85 55.4 36.3 67.5



#47

Tetrachloroethene

Concen: 5.836 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Tgt Ion: 164 Resp: 55945

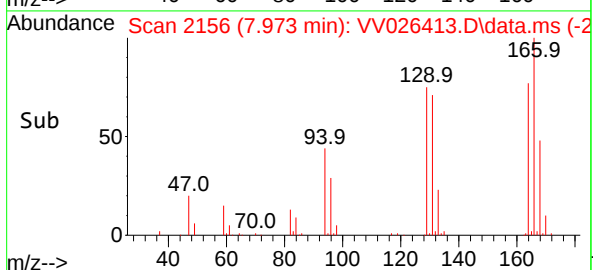
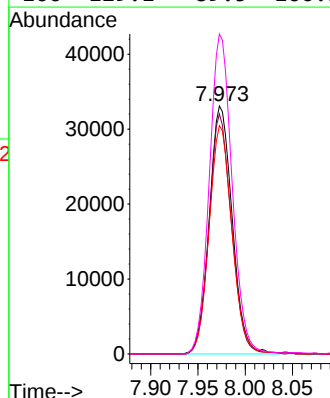
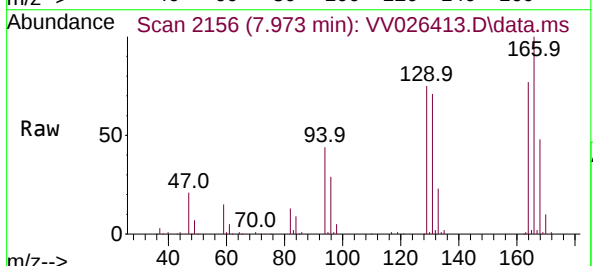
Ion Ratio Lower Upper

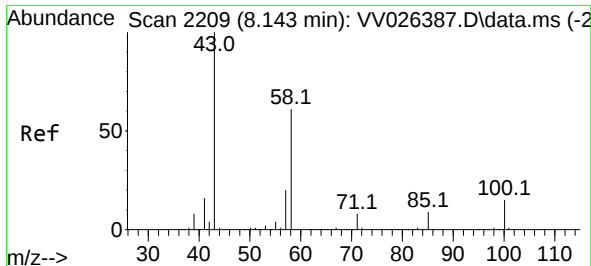
164 100

129 96.8 67.5 125.3

131 92.1 63.8 118.4

166 129.1 89.5 166.3

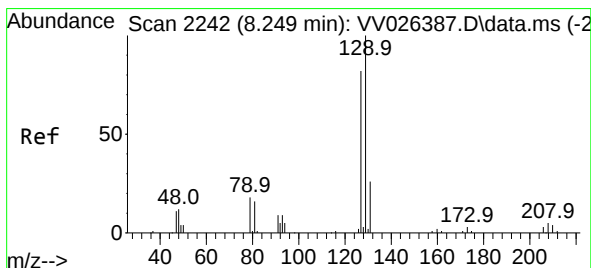
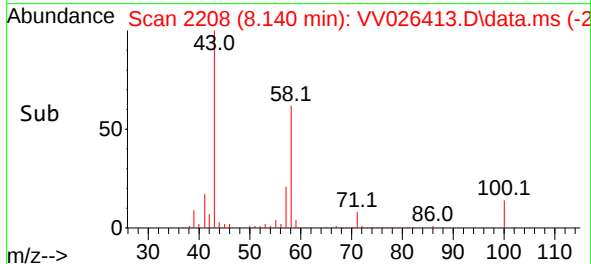
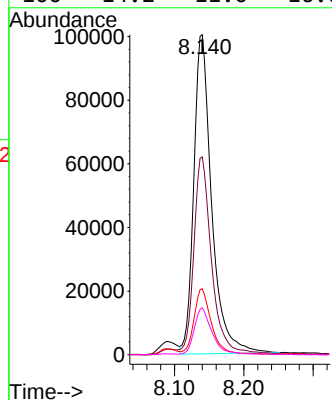
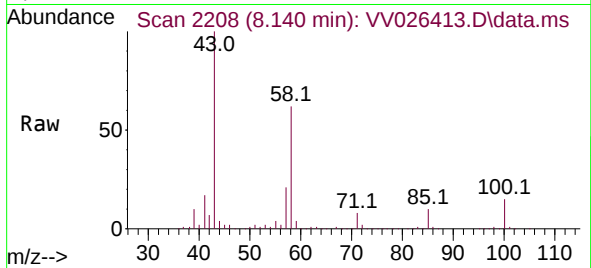




#48
2-Hexanone
Concen: 55.299 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

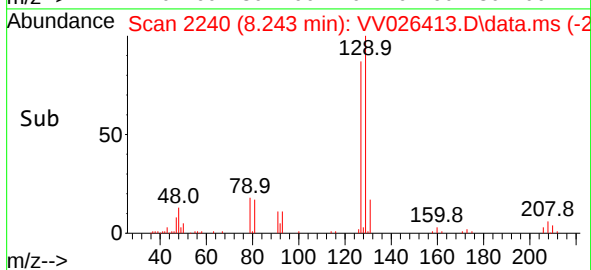
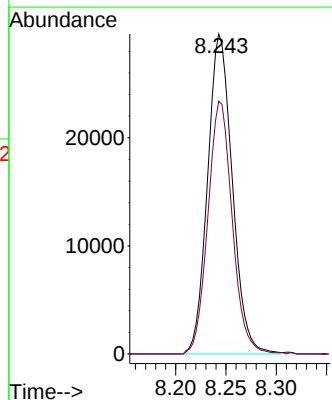
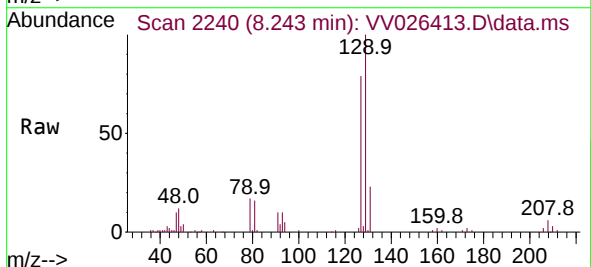
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

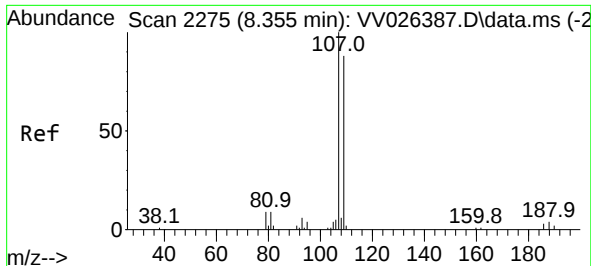
Tgt Ion: 43 Resp: 180626
Ion Ratio Lower Upper
43 100
58 61.5 48.7 73.1
57 20.2 16.0 24.0
100 14.2 11.0 16.6



#49
Dibromochloromethane
Concen: 5.624 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 129 Resp: 50686
Ion Ratio Lower Upper
129 100
127 79.0 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.559 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

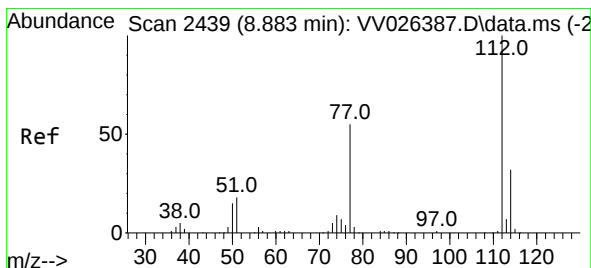
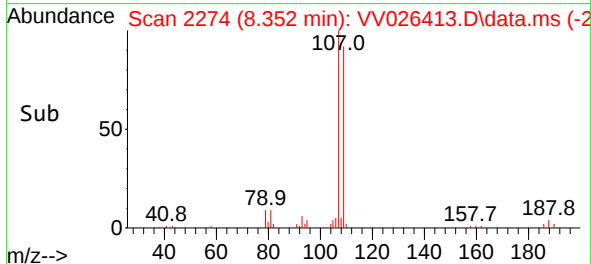
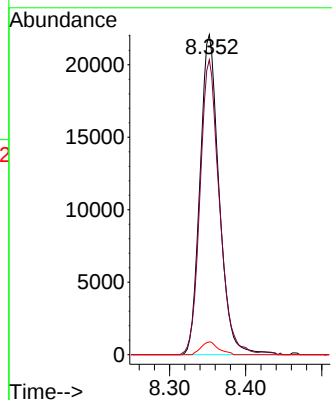
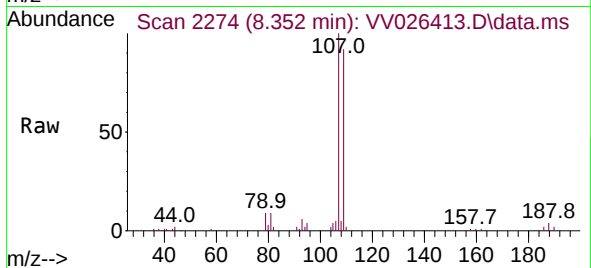
Tgt Ion:107 Resp: 38551

Ion Ratio Lower Upper

107 100

109 92.2 65.2 121.2

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.780 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

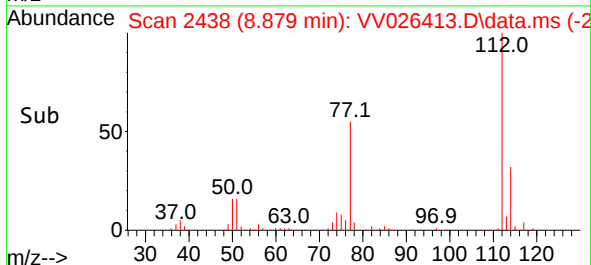
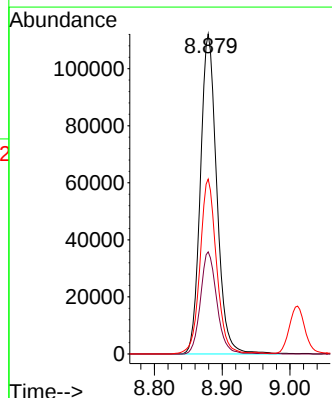
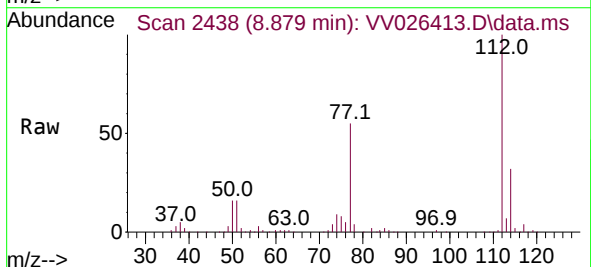
Tgt Ion:112 Resp: 188174

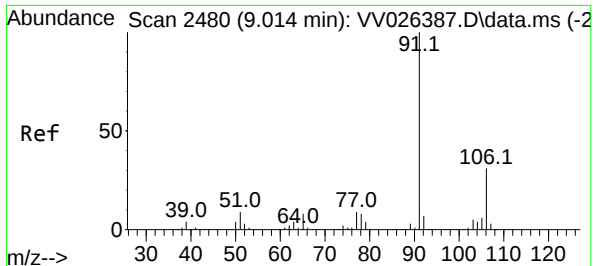
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 54.6 44.5 66.7





#52

Ethylbenzene

Concen: 5.805 ug/L

RT: 9.011 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

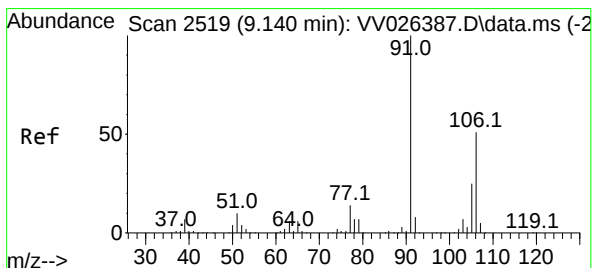
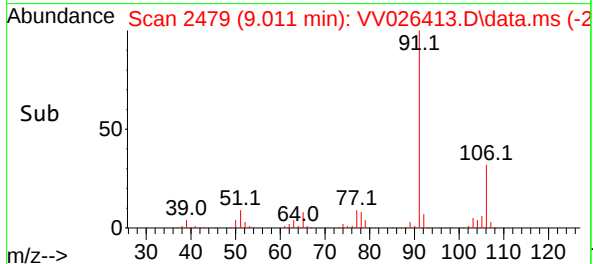
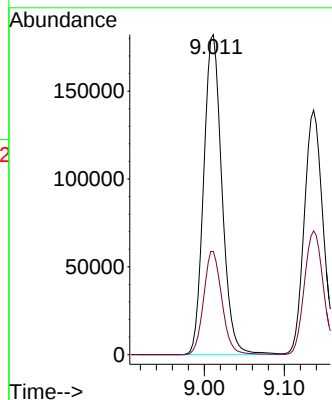
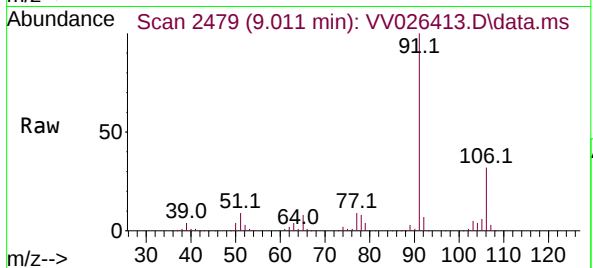
VSTD005325

Tgt Ion: 91 Resp: 290149

Ion Ratio Lower Upper

91 100

106 32.3 21.6 40.0



#53

m,p-Xylene

Concen: 6.011 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV026413.D

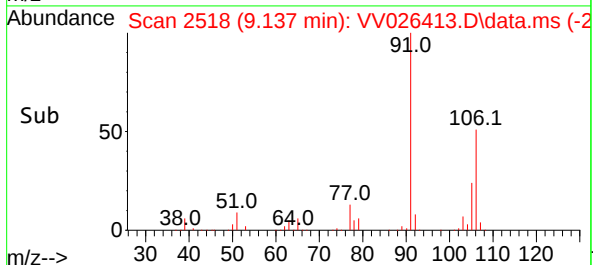
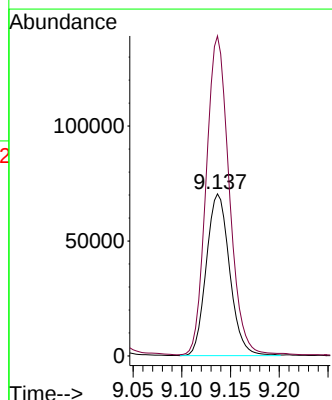
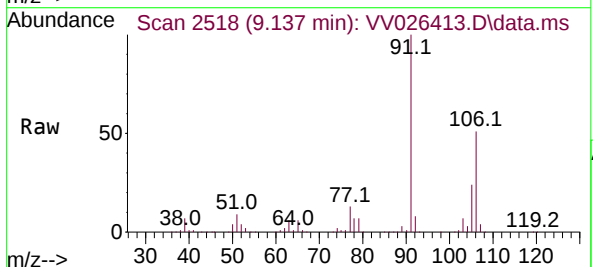
Acq: 18 Jun 2022 10:12

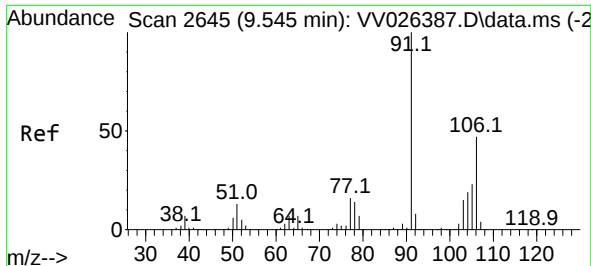
Tgt Ion: 106 Resp: 117112

Ion Ratio Lower Upper

106 100

91 197.5 141.3 262.3

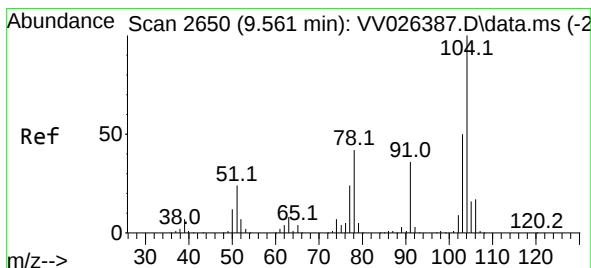
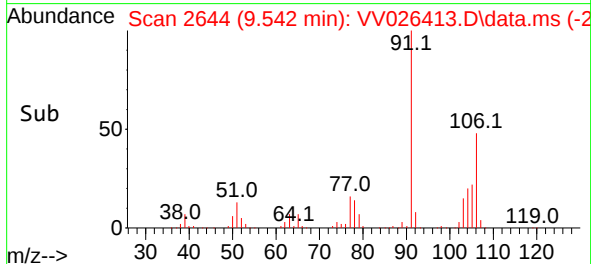
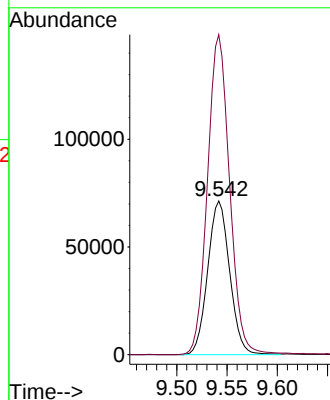
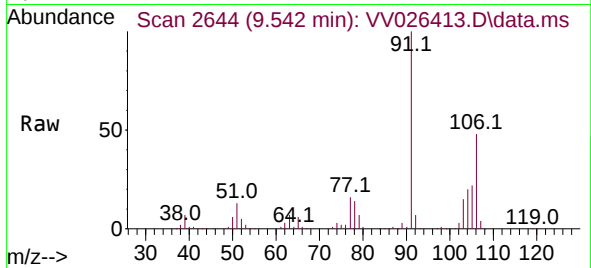




#54
o-Xylene
Concen: 5.752 ug/L
RT: 9.542 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

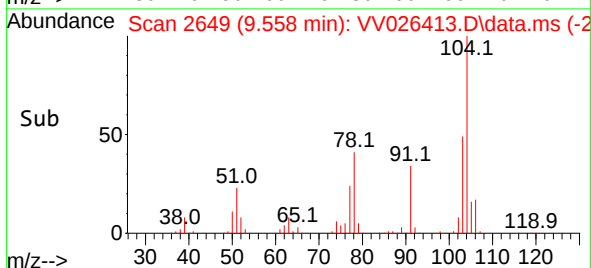
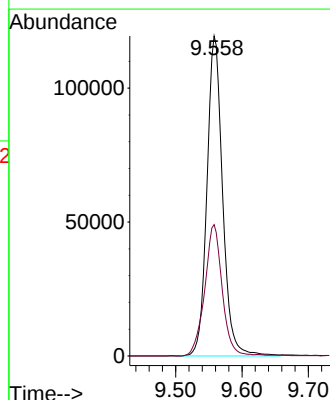
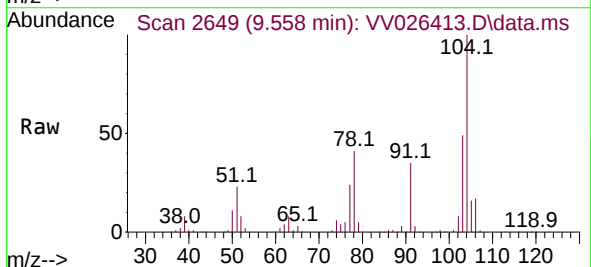
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

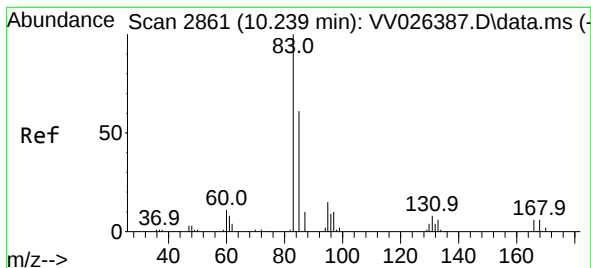
Tgt Ion:106 Resp: 108570
Ion Ratio Lower Upper
106 100
91 208.1 143.3 266.1



#55
Styrene
Concen: 6.185 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion:104 Resp: 196049
Ion Ratio Lower Upper
104 100
78 41.0 29.5 54.7

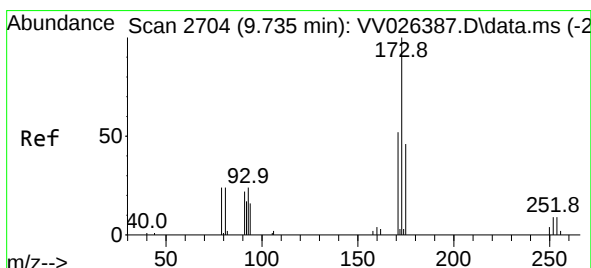
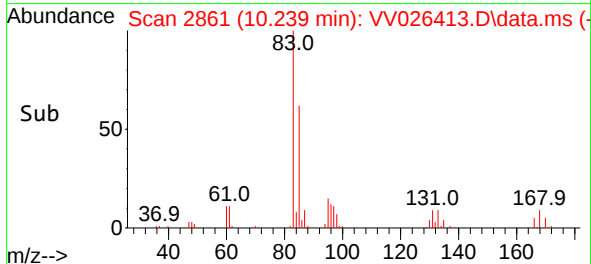
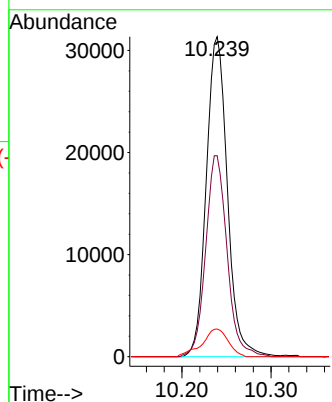
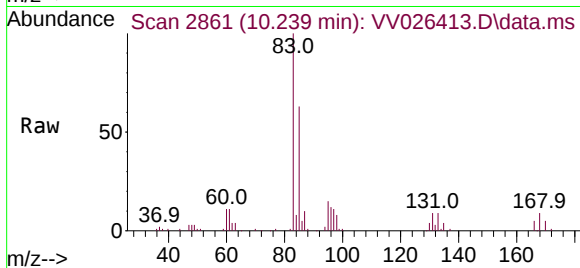




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.246 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

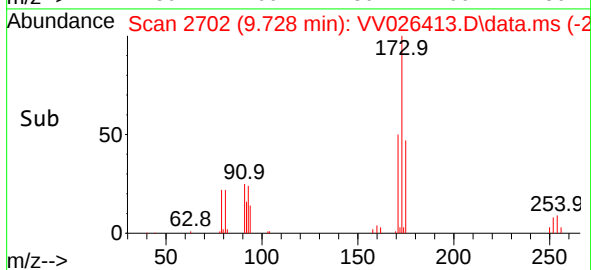
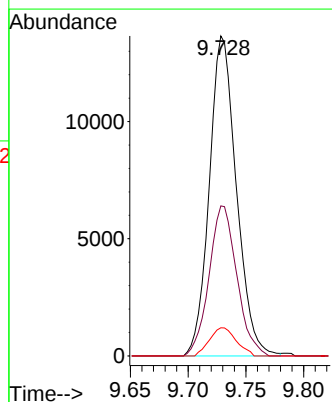
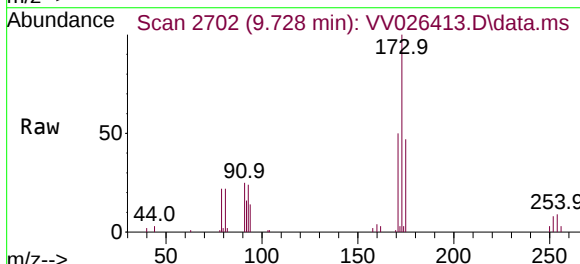
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

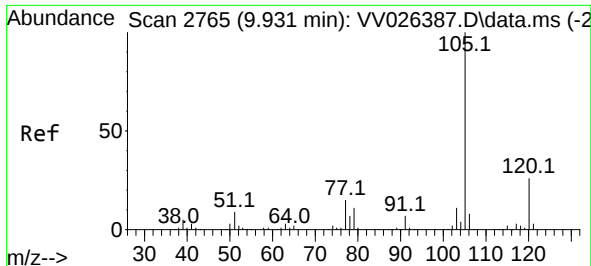
Tgt Ion: 83 Resp: 51566
 Ion Ratio Lower Upper
 83 100
 85 62.8 47.1 87.5
 131 8.7 7.7 11.5



#59
 Bromoform
 Concen: 5.377 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.006 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

Tgt Ion: 173 Resp: 22276
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.3 57.5
 254 8.7 6.9 10.3

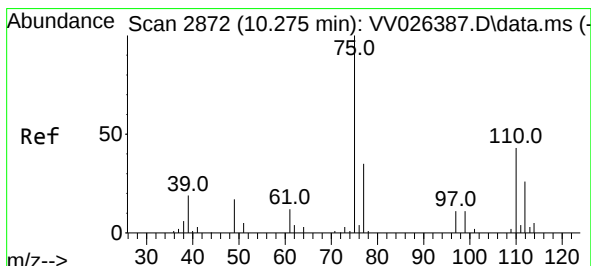
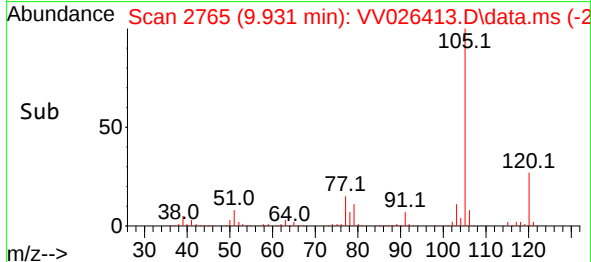
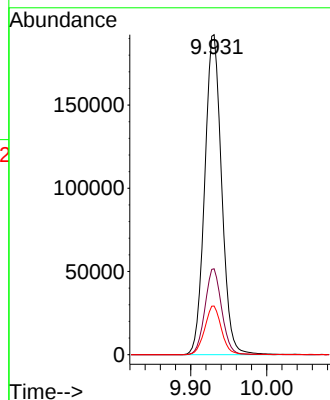
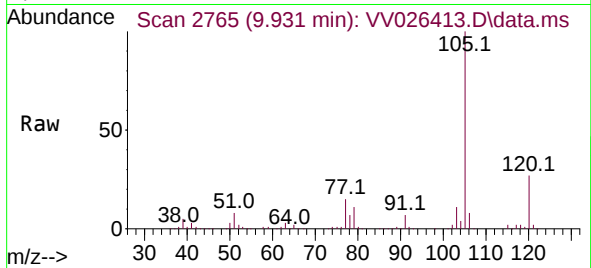




#60
Isopropylbenzene
Concen: 5.906 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

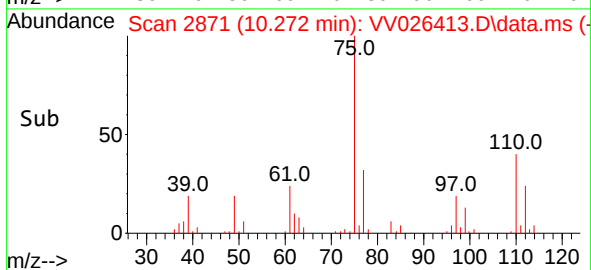
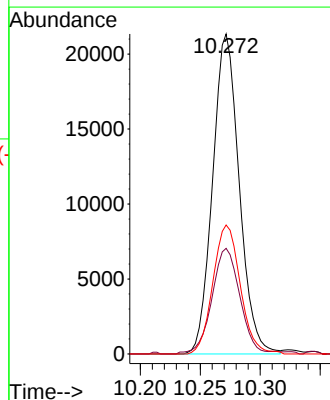
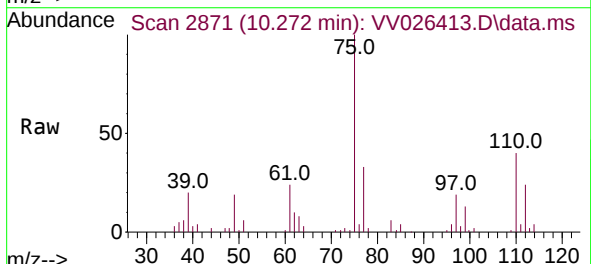
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

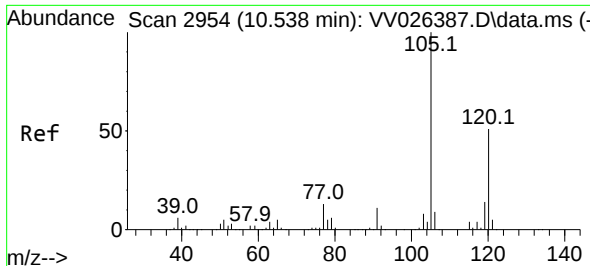
Tgt Ion:105 Resp: 297073
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.369 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 75 Resp: 32872
Ion Ratio Lower Upper
75 100
77 35.2 26.9 40.3
110 41.5 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.486 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

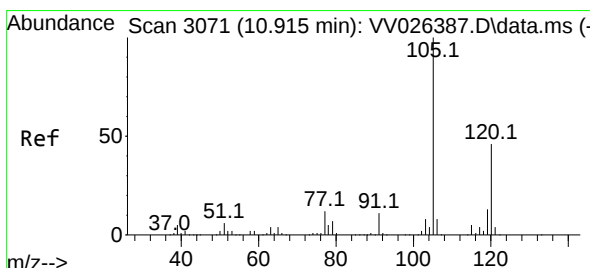
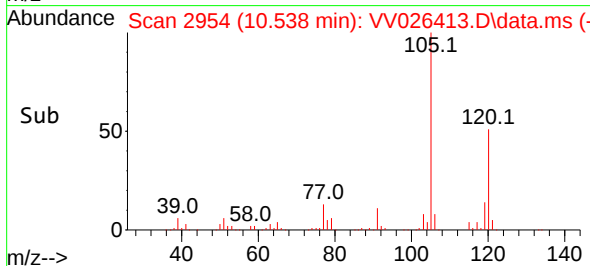
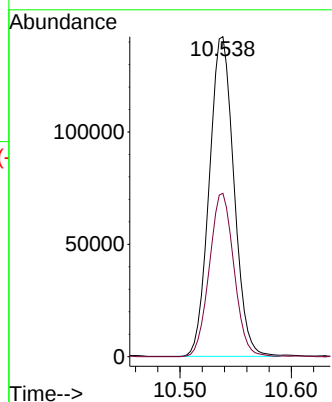
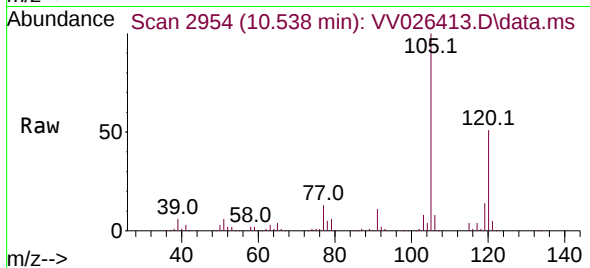
VSTD005325

Tgt Ion:105 Resp: 218971

Ion Ratio Lower Upper

105 100

120 51.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.698 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026413.D

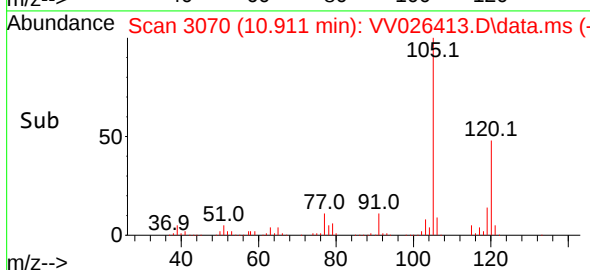
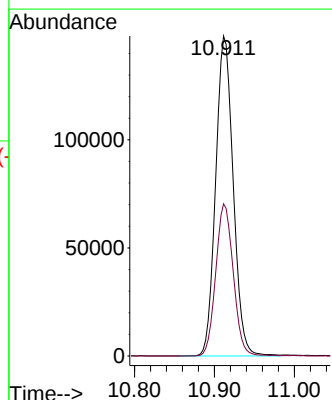
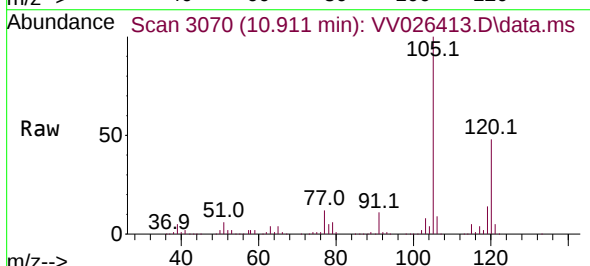
Acq: 18 Jun 2022 10:12

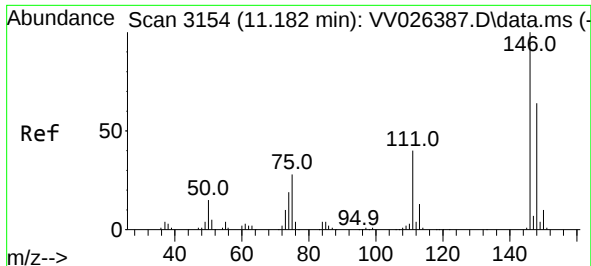
Tgt Ion:105 Resp: 225131

Ion Ratio Lower Upper

105 100

120 47.4 36.9 55.3

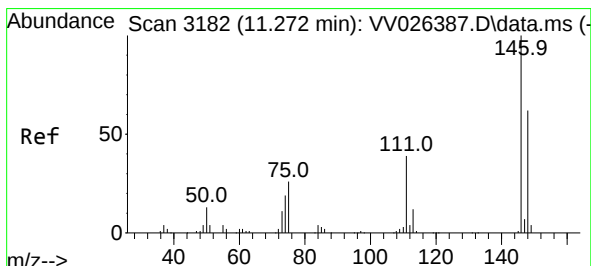
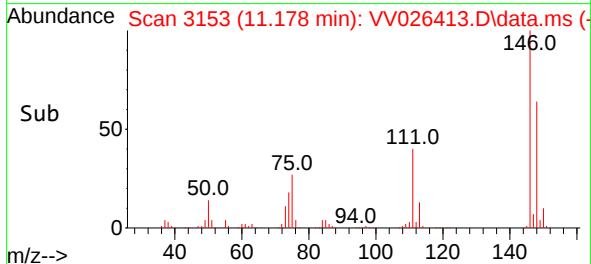
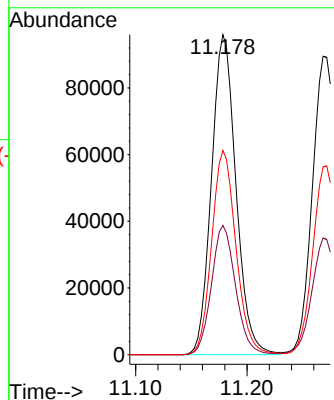
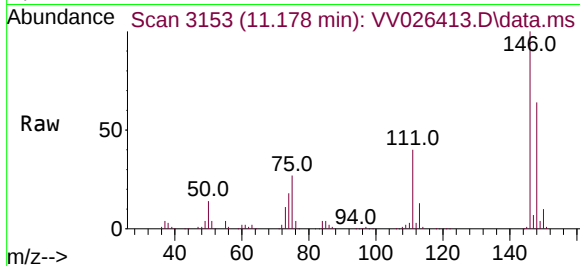




#64
 1,3-Dichlorobenzene
 Concen: 5.929 ug/L
 RT: 11.178 min Scan# 3154
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

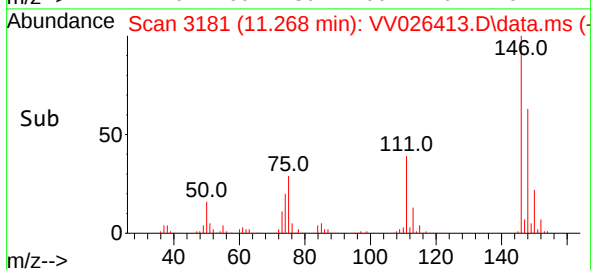
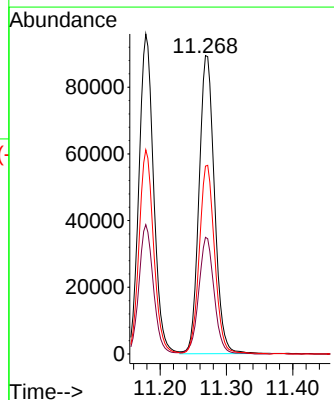
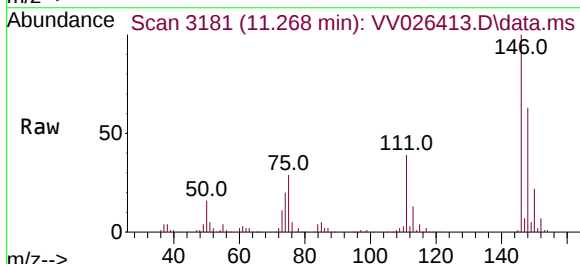
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

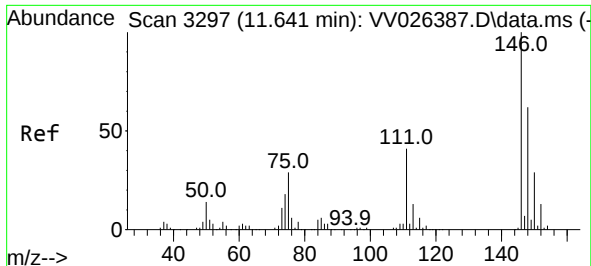
Tgt Ion:146 Resp: 146543
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.8 51.6
 148 63.8 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 5.763 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. -0.003 min
 Lab File: VV026413.D
 Acq: 18 Jun 2022 10:12

Tgt Ion:146 Resp: 144760
 Ion Ratio Lower Upper
 146 100
 111 39.1 26.7 49.7
 148 62.9 43.3 80.3

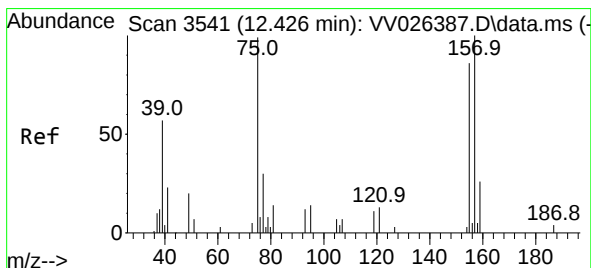
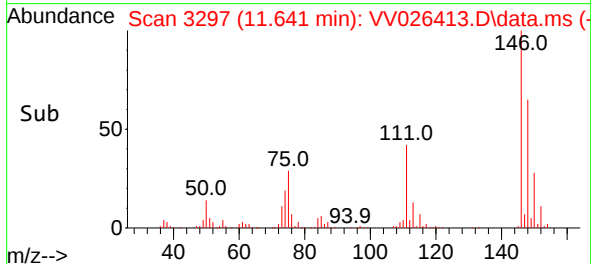
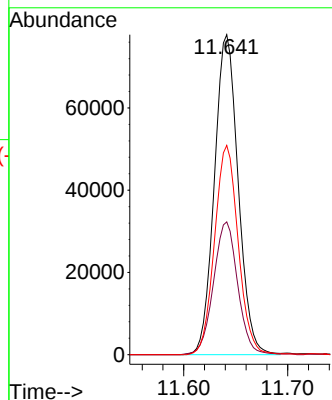
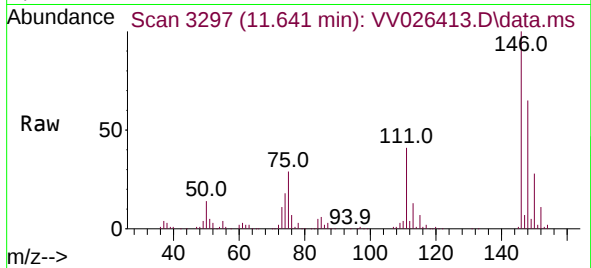




#67
1,2-Dichlorobenzene
Concen: 5.656 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

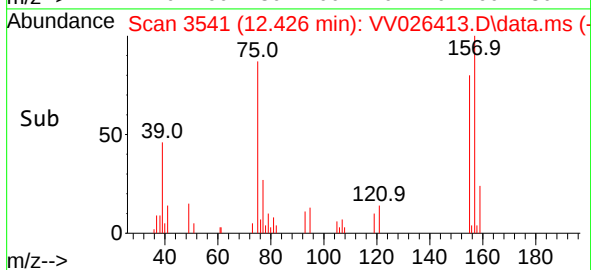
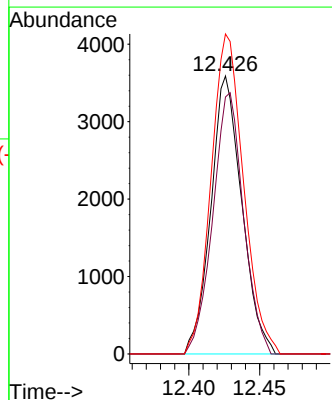
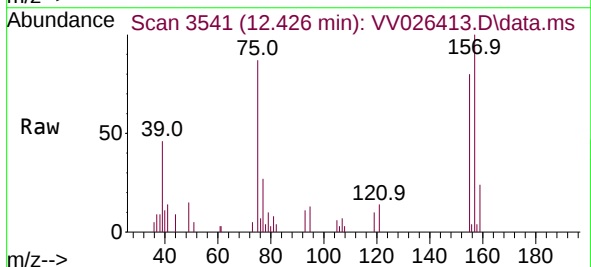
Instrument :
MSVOA_V
ClientSampleId :
VSTD005325

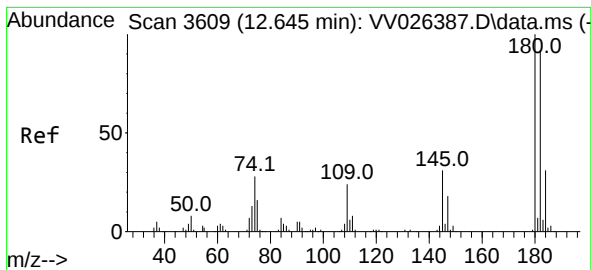
Tgt Ion:146 Resp: 123833
Ion Ratio Lower Upper
146 100
111 41.5 33.8 50.8
148 65.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.028 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026413.D
Acq: 18 Jun 2022 10:12

Tgt Ion: 75 Resp: 5453
Ion Ratio Lower Upper
75 100
155 92.4 63.7 95.5
157 115.1 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.557 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

Tgt Ion:180 Resp: 99312

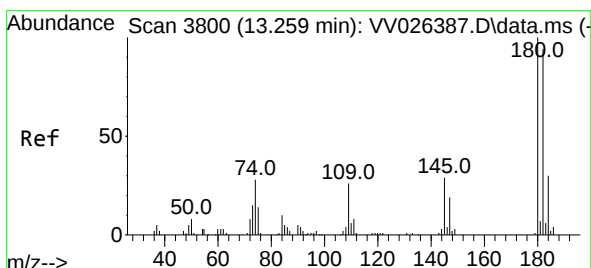
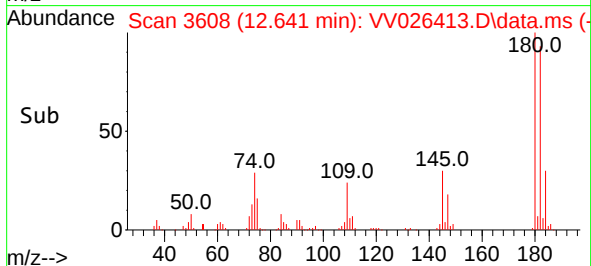
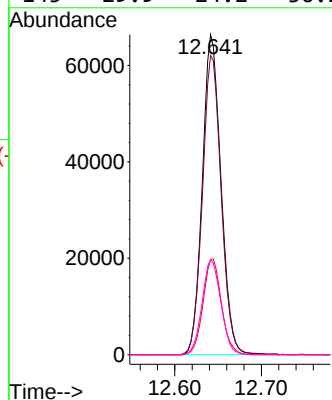
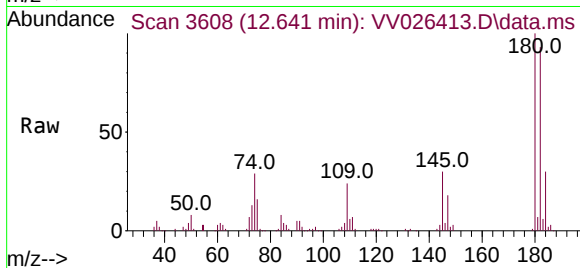
Ion Ratio Lower Upper

180 100

182 94.2 75.5 113.3

184 29.5 23.7 35.5

145 29.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.155 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

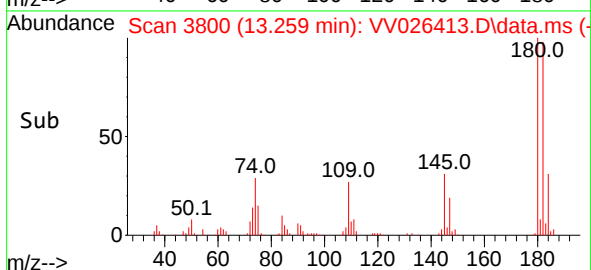
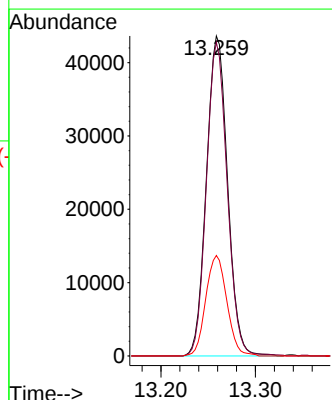
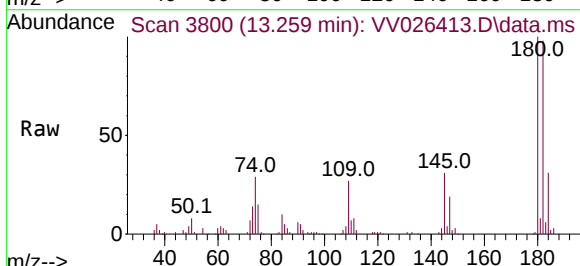
Tgt Ion:180 Resp: 67950

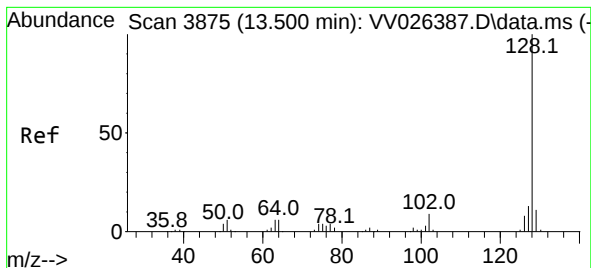
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 31.2 23.9 35.9





#71

Naphthalene

Concen: 4.538 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005325

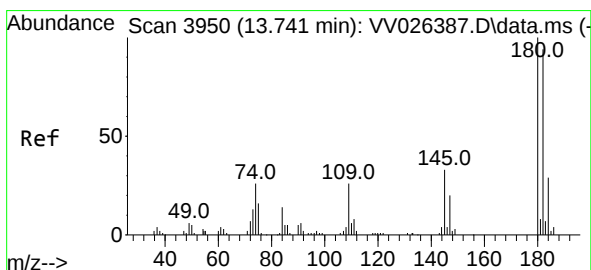
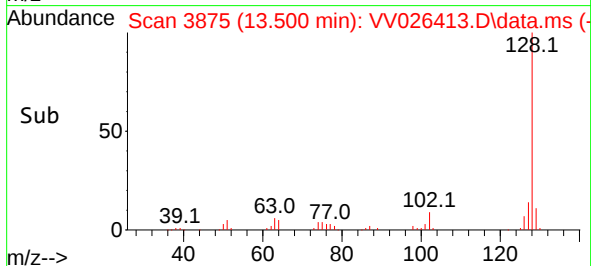
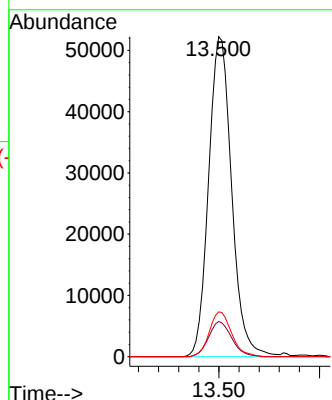
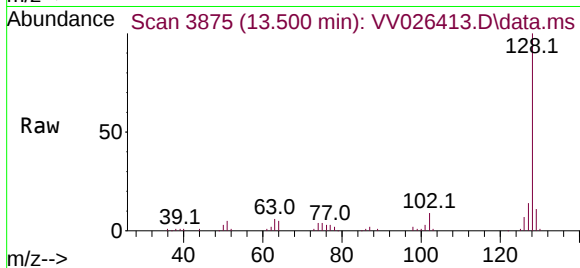
Tgt Ion:128 Resp: 83053

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.6 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.106 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026413.D

Acq: 18 Jun 2022 10:12

Tgt Ion:180 Resp: 56343

Ion Ratio Lower Upper

180 100

182 94.0 77.9 116.9

145 32.8 26.7 40.1

