

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026688.D
 Acq On : 08 Jul 2022 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Jul 08 23:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	214117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	103757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	67102	3.897	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.577	69	58890	4.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.117	63	128366	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.918	46	76701	44.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.358	84	133451	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.040	65	50757	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.056	84	238791	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.072	67	70433	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.316	98	218816	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	17304	4.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.091	63	68590	42.736	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52095	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69276	4.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	74718	4.583	ug/L	98
3) Chloromethane	1.252	50	82686	4.637	ug/L	99
5) Vinyl chloride	1.323	62	88006	4.636	ug/L	93
6) Bromomethane	1.532	94	45062	4.385	ug/L	99
8) Chloroethane	1.596	64	59158	4.582	ug/L	95
9) Trichlorofluoromethane	1.764	101	133577	5.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	80401	5.125	ug/L	99
12) 1,1-Dichloroethene	2.127	96	73509	5.083	ug/L	92
13) Acetone	2.207	43	53347	49.119	ug/L	91
14) Carbon disulfide	2.301	76	171705	4.500	ug/L	98
15) Methyl Acetate	2.455	43	13390	4.276	ug/L #	82
16) Methylene chloride	2.516	84	79610	5.186	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	118042	5.008	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	72122	4.888	ug/L	96
19) 1,1-Dichloroethane	3.201	63	136246	5.142	ug/L	99
21) 2-Butanone	4.002	43	76381	46.749	ug/L	99
22) cis-1,2-Dichloroethene	3.924	96	71670	4.892	ug/L	95
23) Bromochloromethane	4.259	128	33487	5.550	ug/L	91
25) Chloroform	4.384	83	144708	5.106	ug/L	95

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Jul 08 23:46:31 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
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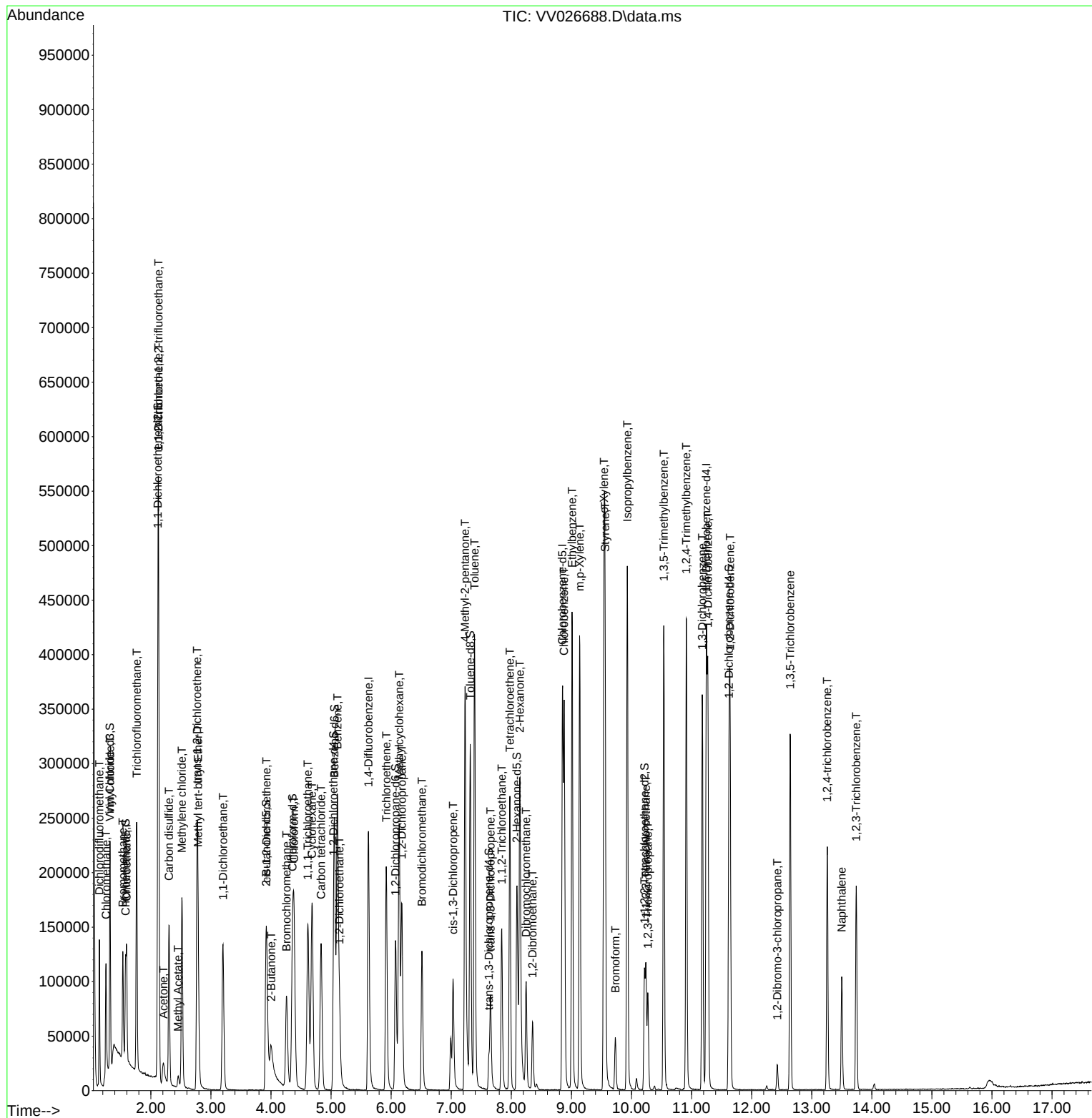
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	65962	5.229	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	126521	4.982	ug/L	99
30) Cyclohexane	4.683	56	82529	4.104	ug/L	100
31) Carbon tetrachloride	4.834	117	105791	4.966	ug/L	100
33) Benzene	5.104	78	292348	4.851	ug/L	100
34) Trichloroethene	5.918	95	73901	4.665	ug/L	95
35) Methylcyclohexane	6.133	83	98464	4.201	ug/L	99
37) 1,2-Dichloropropane	6.178	63	74955	5.161	ug/L	99
38) Bromodichloromethane	6.513	83	89317	5.209	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	67650	4.634	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	257126	52.412	ug/L	98
42) Toluene	7.387	91	318727	5.123	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	54667	5.035	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	49456	5.400	ug/L	98
47) Tetrachloroethene	7.976	164	60521	4.798	ug/L	97
48) 2-Hexanone	8.143	43	187550	54.919	ug/L	98
49) Dibromochloromethane	8.246	129	52046	5.612	ug/L	96
50) 1,2-Dibromoethane	8.355	107	42464	5.214	ug/L	96
51) Chlorobenzene	8.879	112	200326	4.916	ug/L	98
52) Ethylbenzene	9.011	91	301222	4.682	ug/L	100
53) m,p-Xylene	9.136	106	123070	4.903	ug/L	94
54) o-Xylene	9.541	106	116449	4.943	ug/L	92
55) Styrene	9.561	104	202855	5.199	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55651	5.441	ug/L	98
59) Bromoform	9.731	173	21836	5.711	ug/L	98
60) Isopropylbenzene	9.931	105	305304	4.771	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36841	5.484	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	229972	4.546	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	233500	4.681	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	156018	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	152631	4.939	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	135437	5.114	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6060	5.029	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	101651	4.542	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69425	4.393	ug/L	99
71) Naphthalene	13.500	128	85331	4.139	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58135	4.495	ug/L	99

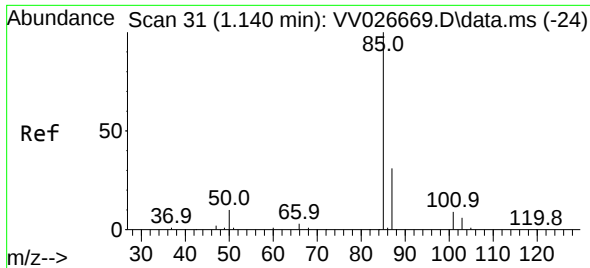
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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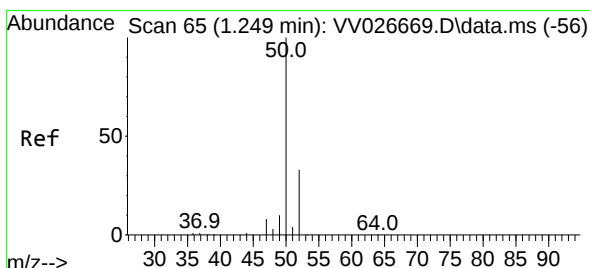
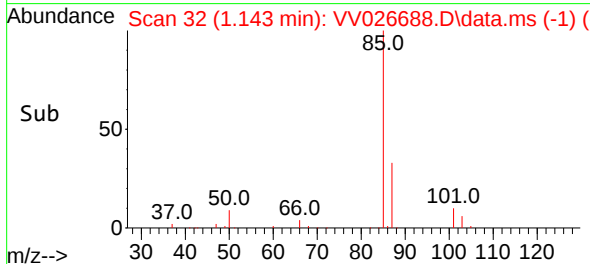
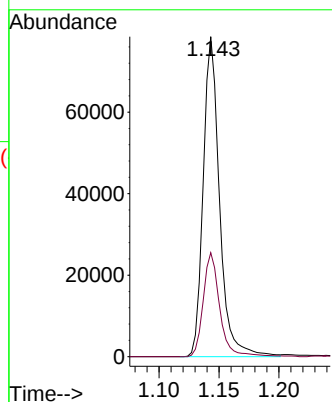
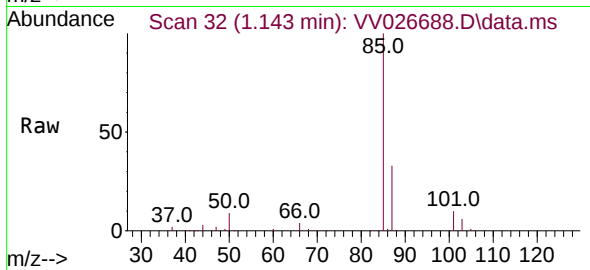




#2
 Dichlorodifluoromethane
 Concen: 4.583 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

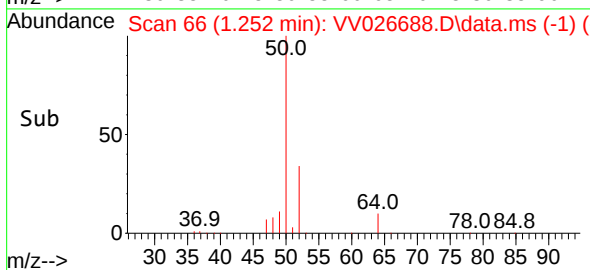
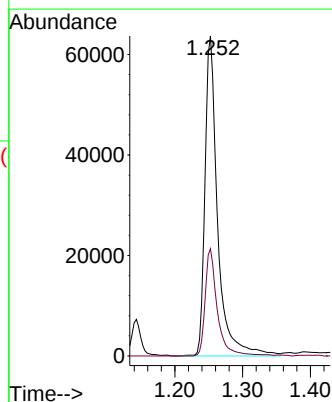
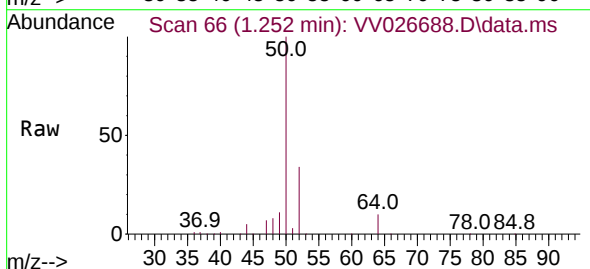
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

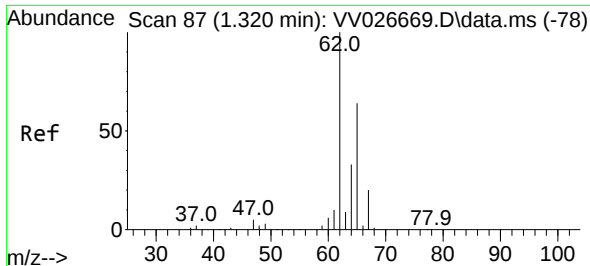
Tgt Ion: 85 Resp: 74718
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.637 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. 0.003 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

Tgt Ion: 50 Resp: 82686
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6

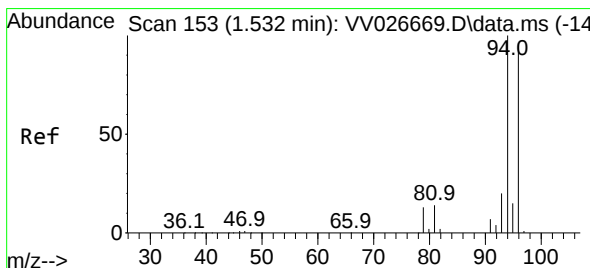
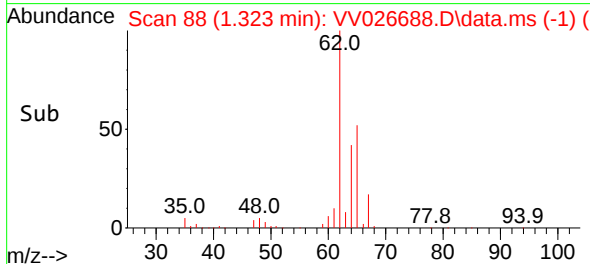
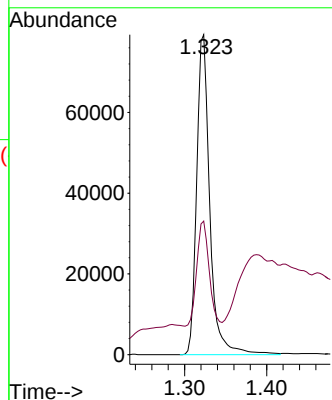
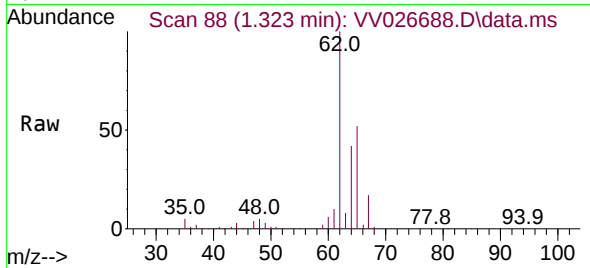




#5
 Vinyl chloride
 Concen: 4.636 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

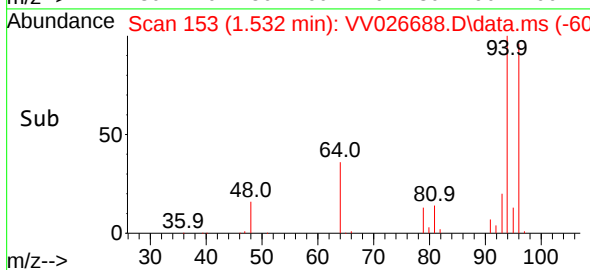
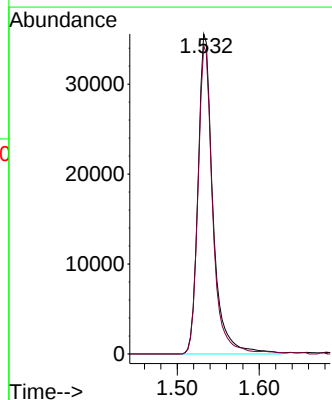
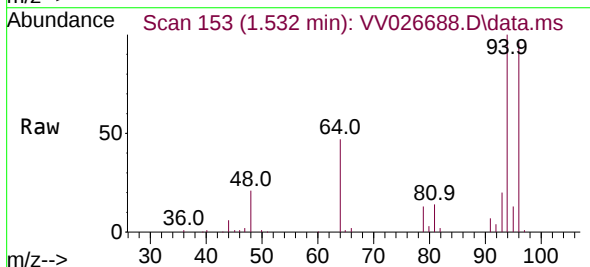
Instrument :
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 ClientSampleId :
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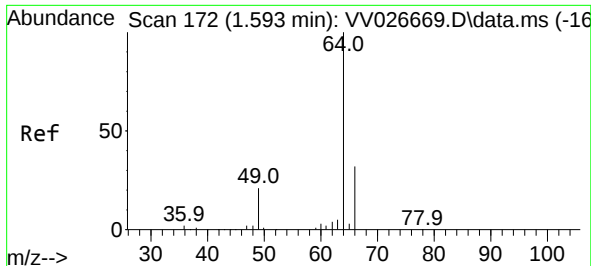
Tgt Ion: 62 Resp: 88006
 Ion Ratio Lower Upper
 62 100
 64 41.7 26.2 48.6



#6
 Bromomethane
 Concen: 4.385 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.000 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

Tgt Ion: 94 Resp: 45062
 Ion Ratio Lower Upper
 94 100
 96 96.2 68.0 126.2

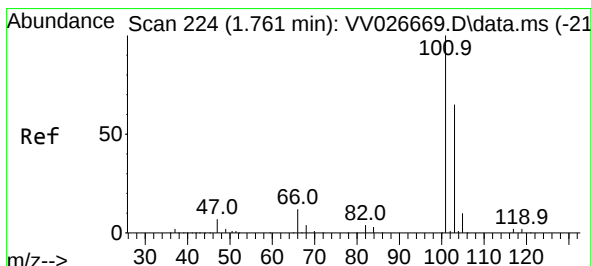
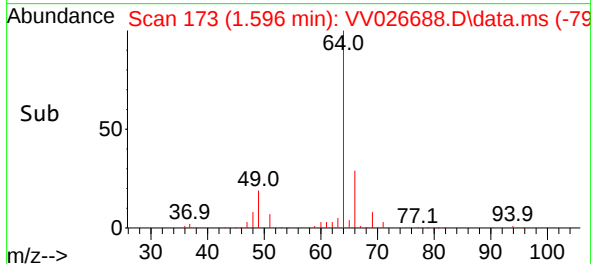
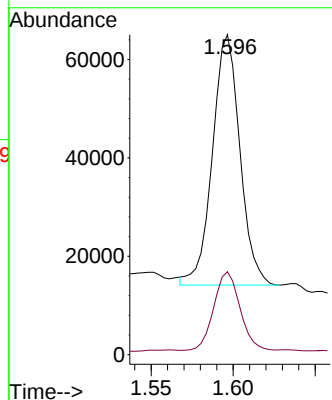
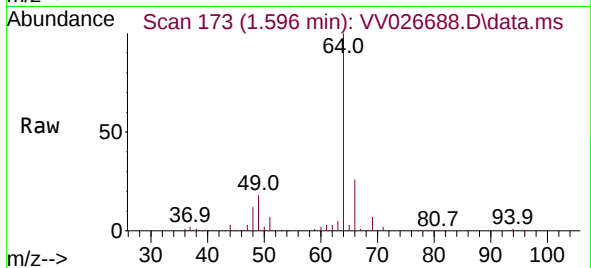




#8
Chloroethane
Concen: 4.582 ug/L
RT: 1.596 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

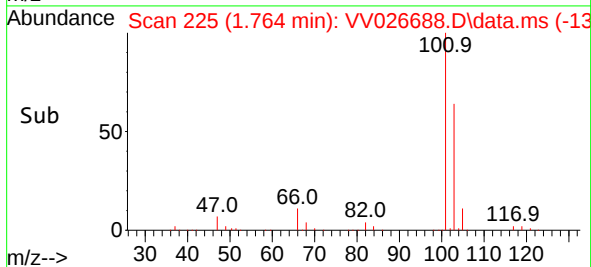
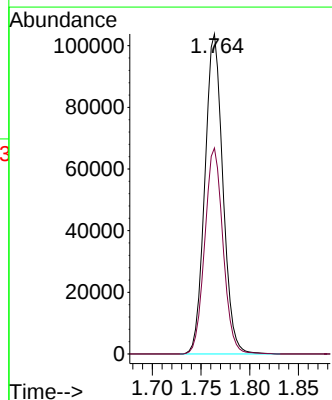
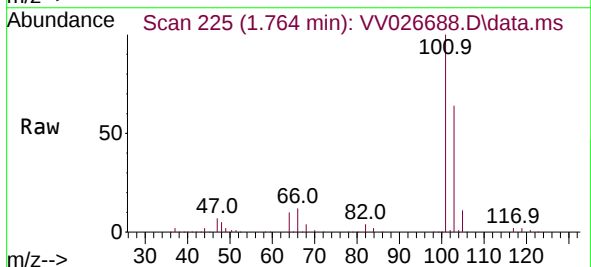
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

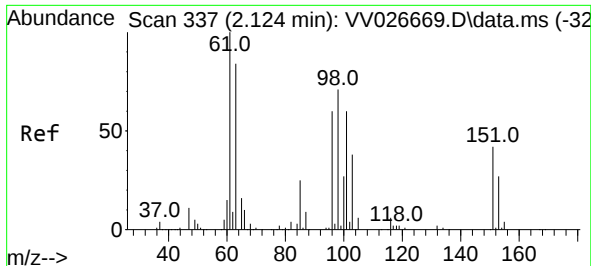
Tgt Ion: 64 Resp: 59158
Ion Ratio Lower Upper
64 100
66 25.9 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.045 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion:101 Resp: 133577
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

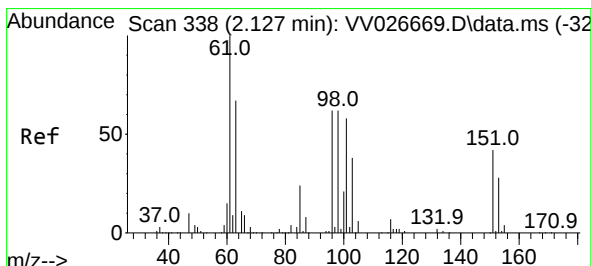
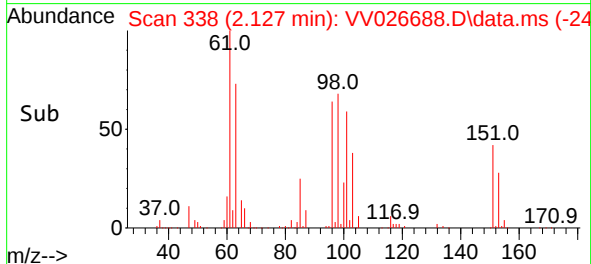
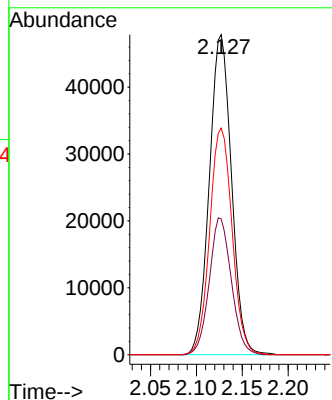
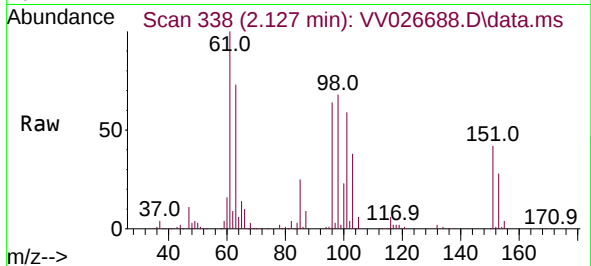




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.125 ug/L
RT: 2.127 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

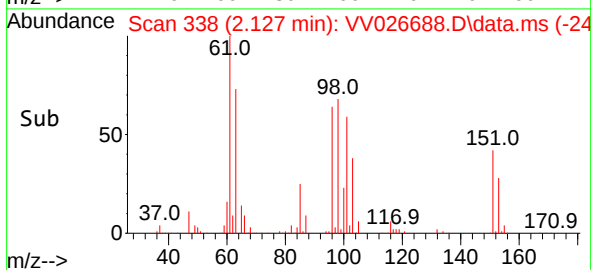
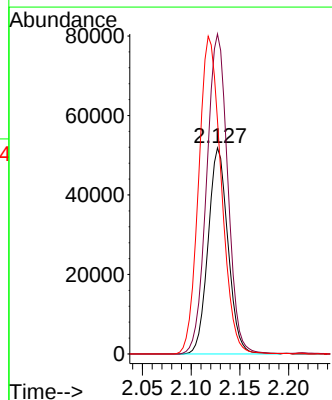
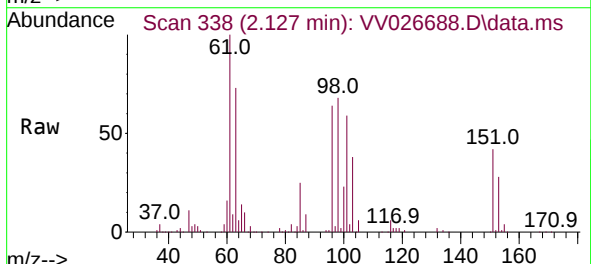
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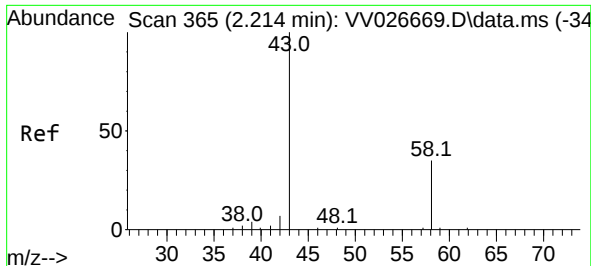
Tgt Ion:101 Resp: 80401
Ion Ratio Lower Upper
101 100
85 42.5 34.2 51.4
151 71.7 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.083 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 96 Resp: 73509
Ion Ratio Lower Upper
96 100
61 155.3 115.4 214.4
63 113.3 87.4 162.2





#13

Acetone

Concen: 49.119 ug/L

RT: 2.207 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

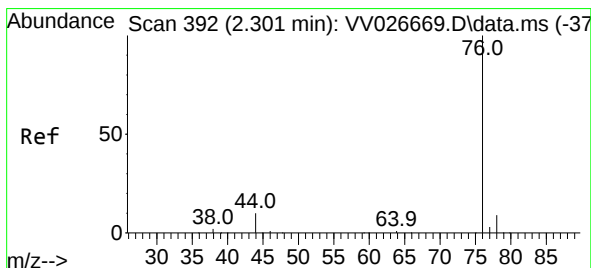
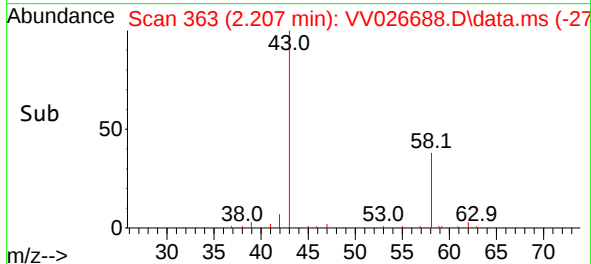
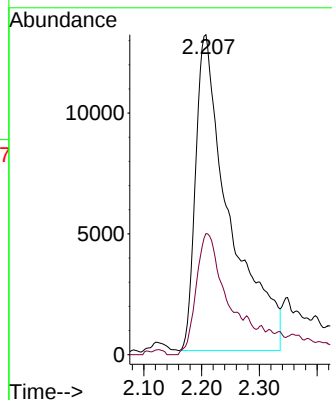
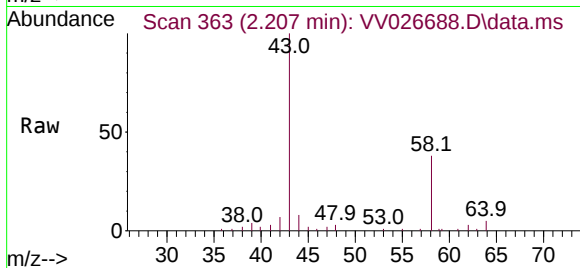
VSTD005347

Tgt Ion: 43 Resp: 53347

Ion Ratio Lower Upper

43 100

58 32.2 0.0 75.0



#14

Carbon disulfide

Concen: 4.500 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.000 min

Lab File: VV026688.D

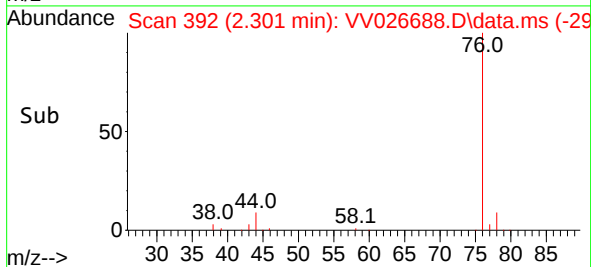
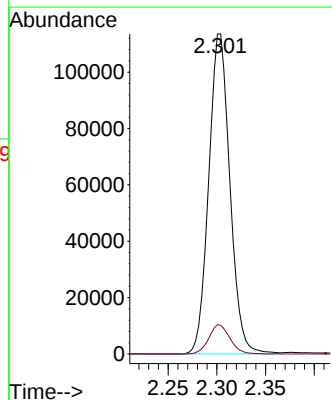
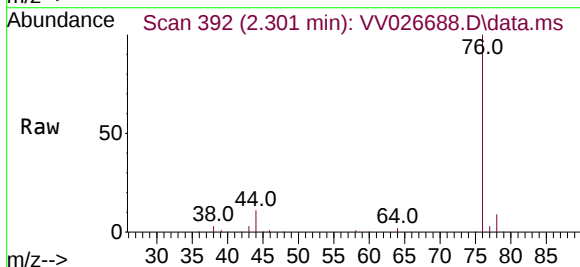
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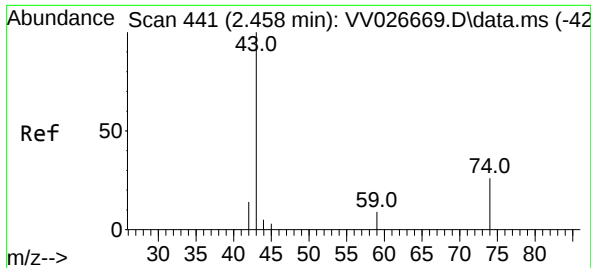
Tgt Ion: 76 Resp: 171705

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6

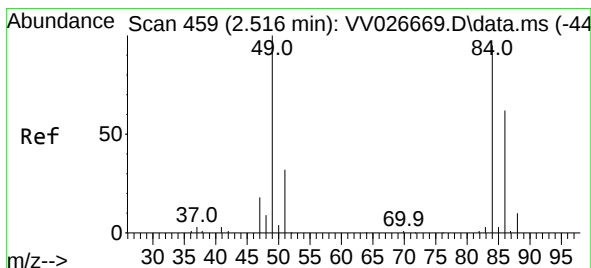
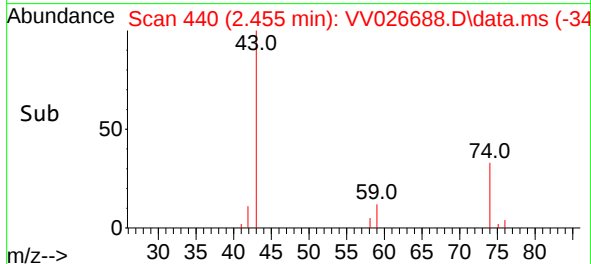
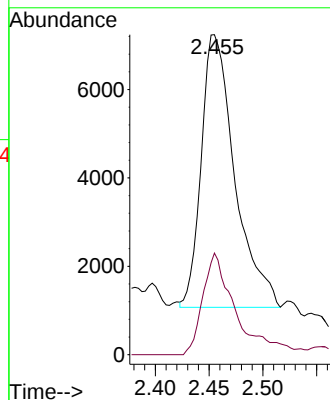
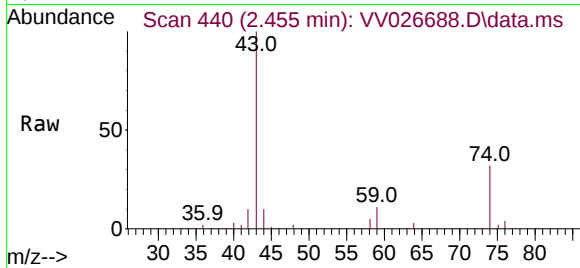




#15
Methyl Acetate
Concen: 4.276 ug/L
RT: 2.455 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

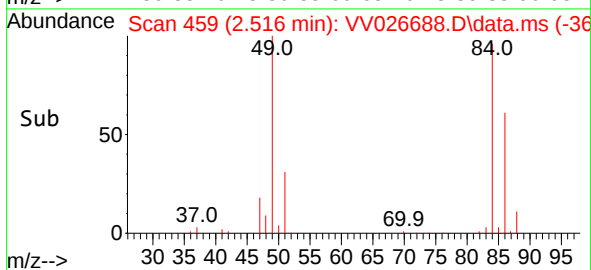
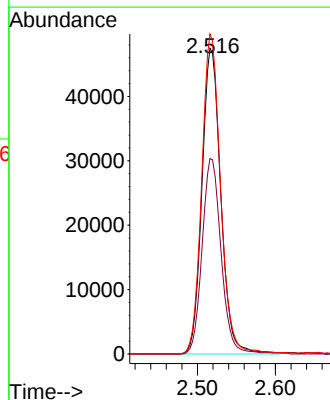
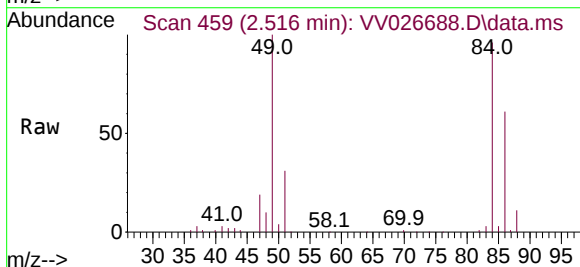
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

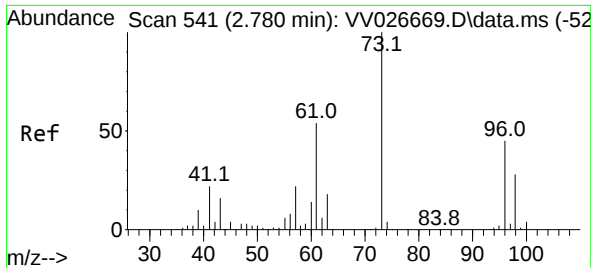
Tgt Ion: 43 Resp: 13390
Ion Ratio Lower Upper
43 100
74 37.1 22.1 33.1#



#16
Methylene chloride
Concen: 5.186 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 84 Resp: 79610
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 104.7 77.7 144.3

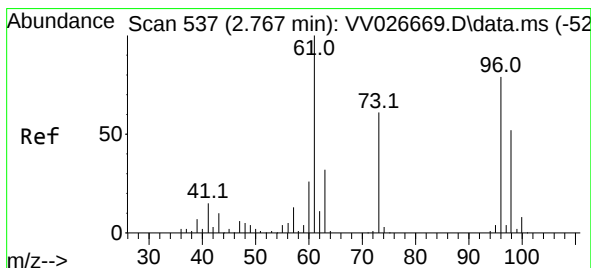
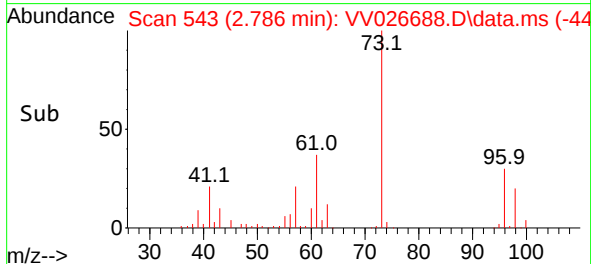
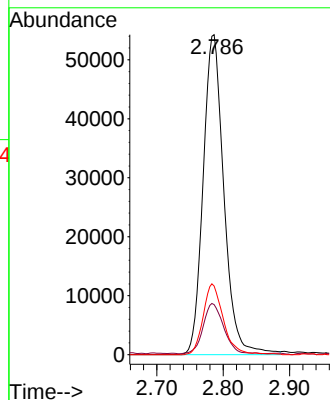
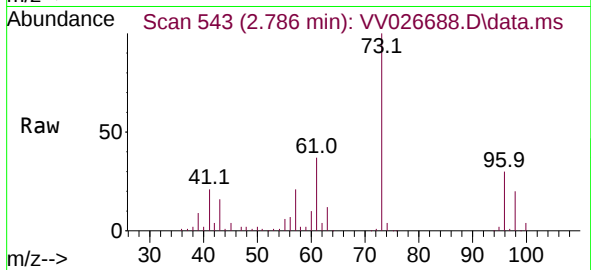




#17
Methyl tert-butyl Ether
Concen: 5.008 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

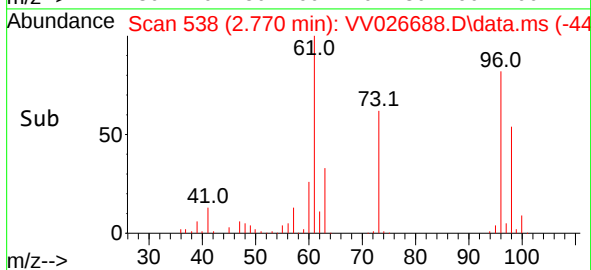
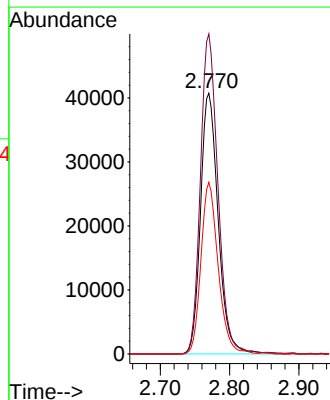
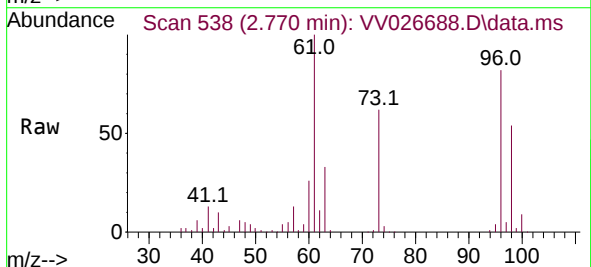
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

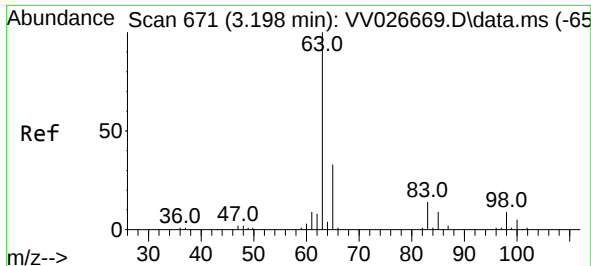
Tgt Ion: 73 Resp: 118042
Ion Ratio Lower Upper
73 100
43 15.4 13.3 19.9
57 21.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.888 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 96 Resp: 72122
Ion Ratio Lower Upper
96 100
61 122.7 90.4 167.8
98 65.8 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.142 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

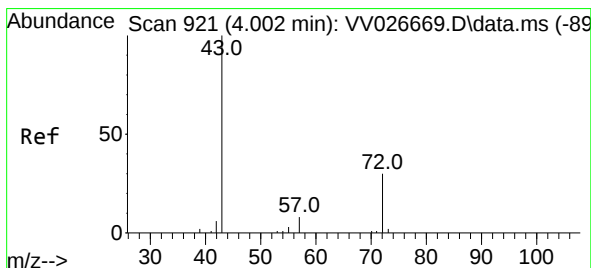
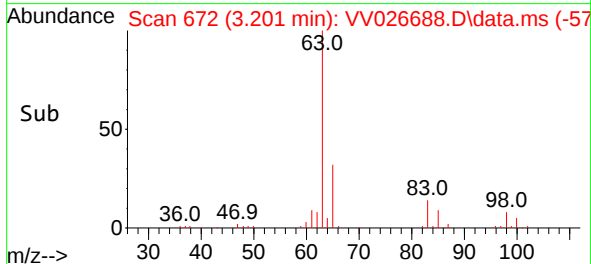
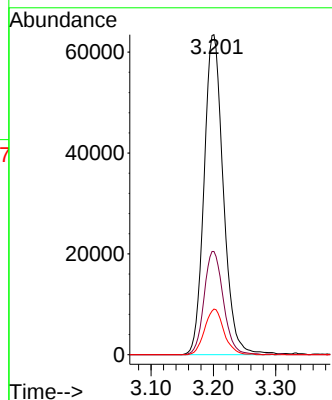
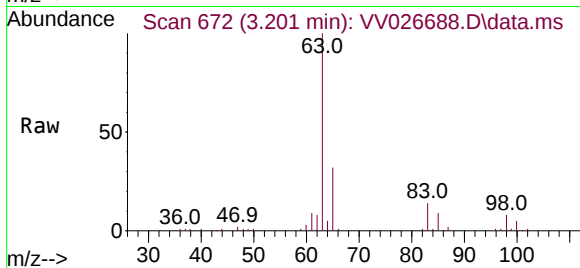
Tgt Ion: 63 Resp: 136246

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 14.3 10.2 19.0



#21

2-Butanone

Concen: 46.749 ug/L

RT: 4.002 min Scan# 921

Delta R.T. -0.000 min

Lab File: VV026688.D

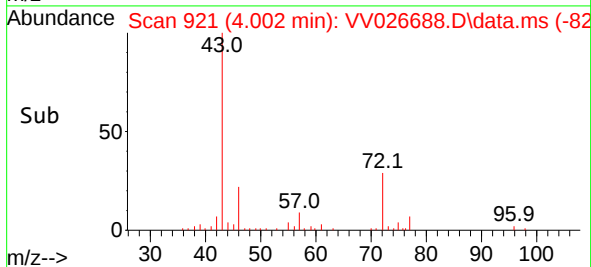
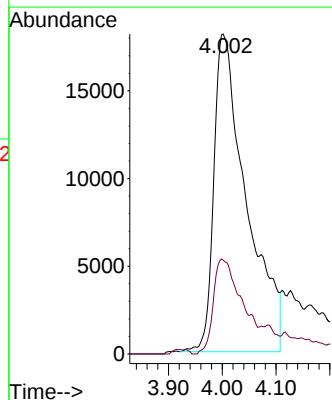
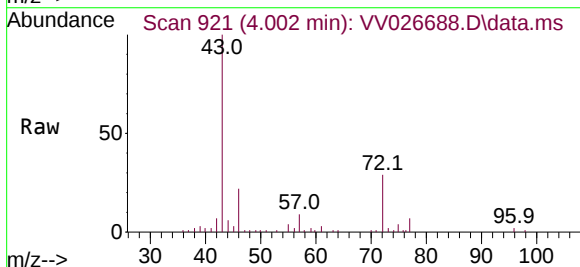
Acq: 08 Jul 2022 09:59

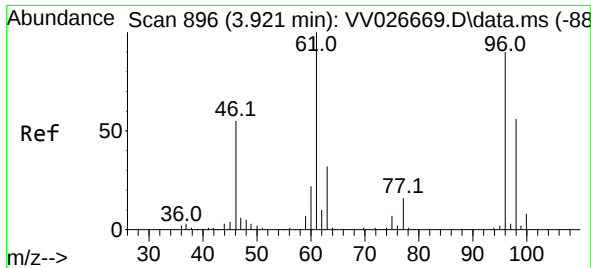
Tgt Ion: 43 Resp: 76381

Ion Ratio Lower Upper

43 100

72 26.2 13.5 40.5

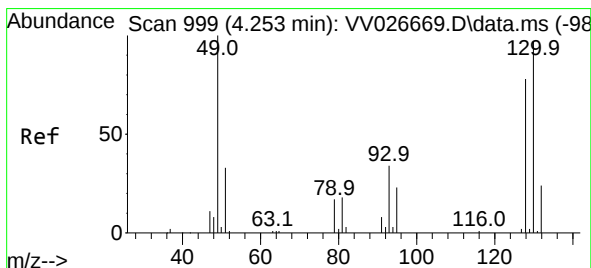
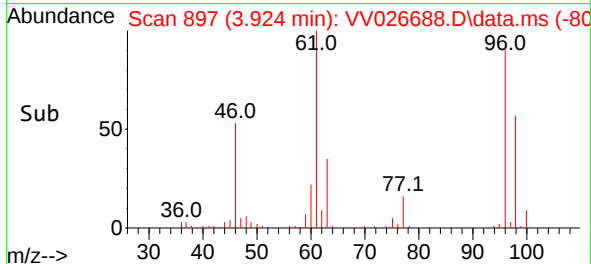
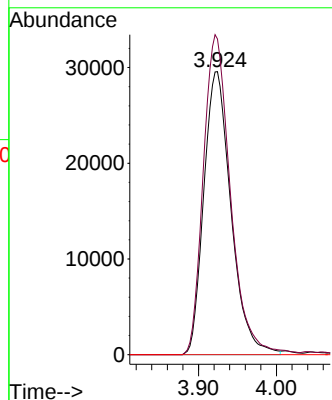
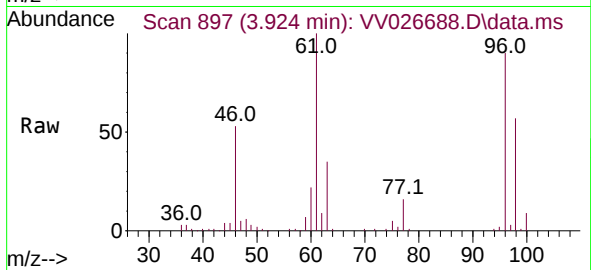




#22
 cis-1,2-Dichloroethene
 Concen: 4.892 ug/L
 RT: 3.924 min Scan# 896
 Delta R.T. 0.003 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

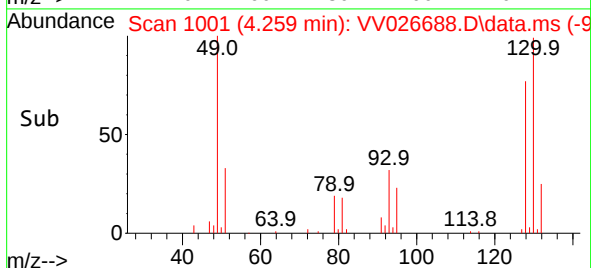
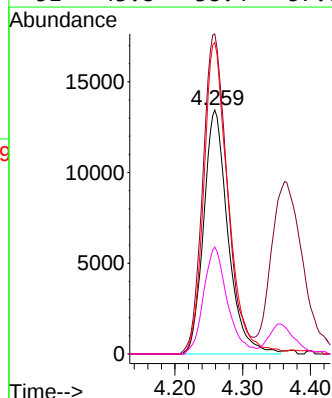
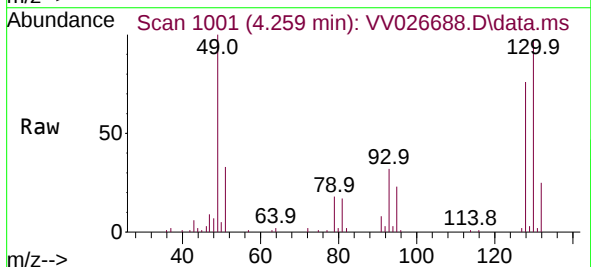
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

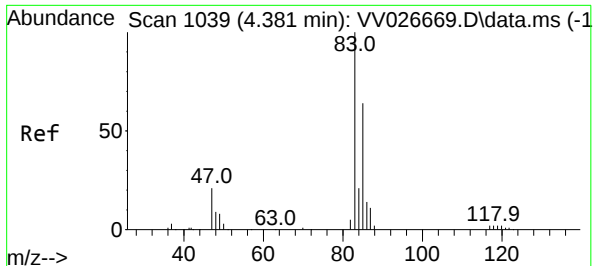
Tgt Ion: 96 Resp: 71670
 Ion Ratio Lower Upper
 96 100
 61 111.5 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.550 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

Tgt Ion: 128 Resp: 33487
 Ion Ratio Lower Upper
 128 100
 49 131.1 104.0 193.1
 130 127.6 93.4 173.6
 51 43.8 38.4 57.6





#25

Chloroform

Concen: 5.106 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

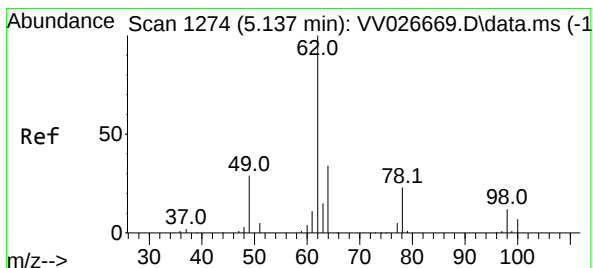
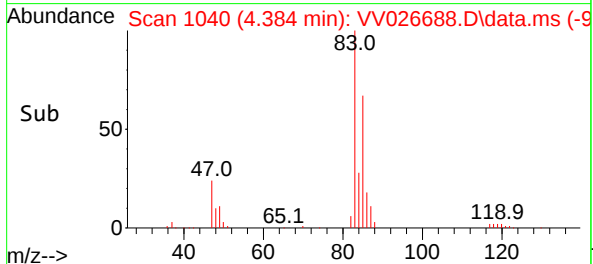
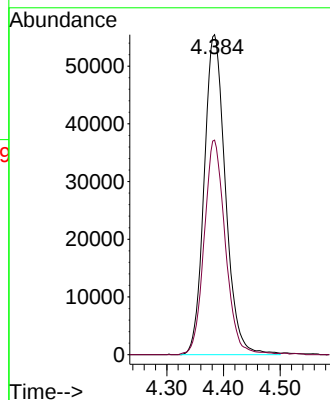
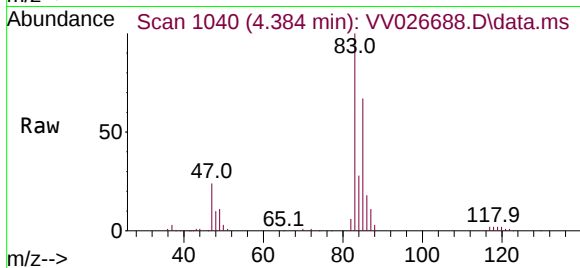
VSTD005347

Tgt Ion: 83 Resp: 144708

Ion Ratio Lower Upper

83 100

85 67.1 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.229 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026688.D

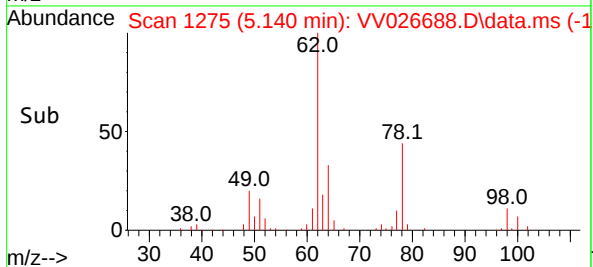
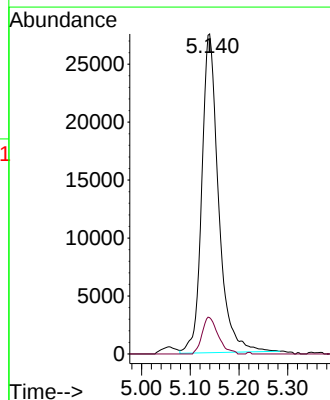
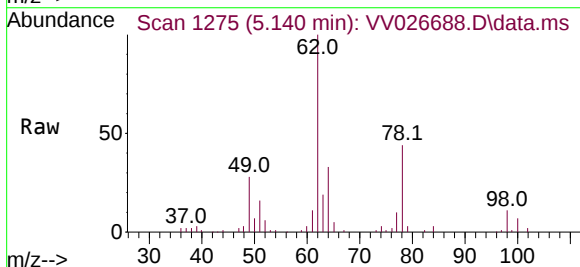
Acq: 08 Jul 2022 09:59

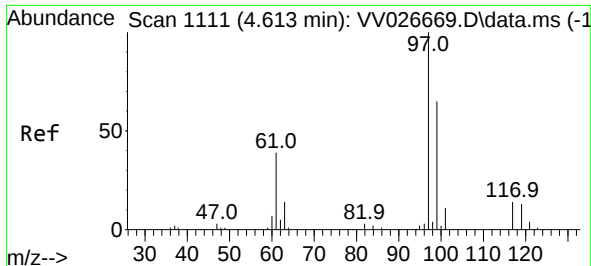
Tgt Ion: 62 Resp: 65962

Ion Ratio Lower Upper

62 100

98 11.4 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.982 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

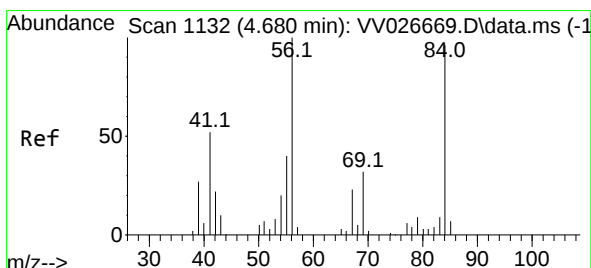
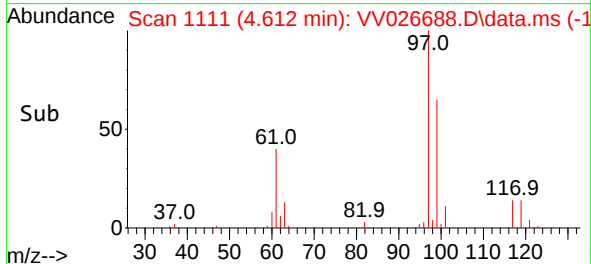
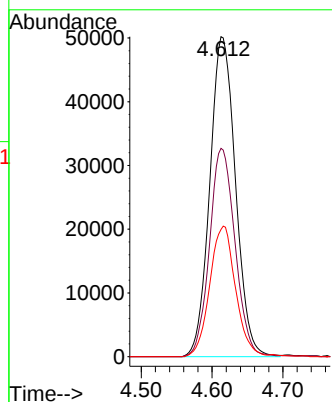
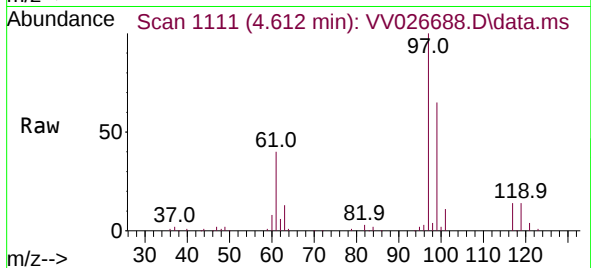
Tgt Ion: 97 Resp: 126521

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 40.8 33.0 49.4



#30

Cyclohexane

Concen: 4.104 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

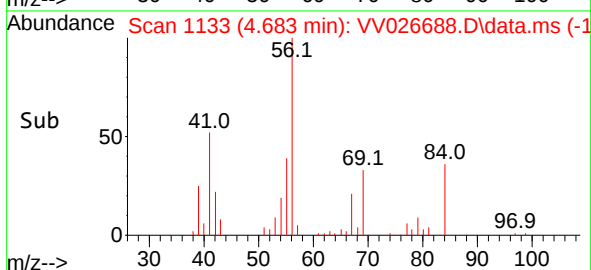
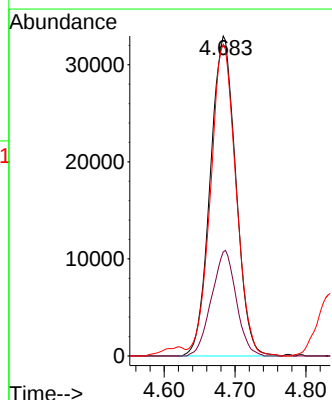
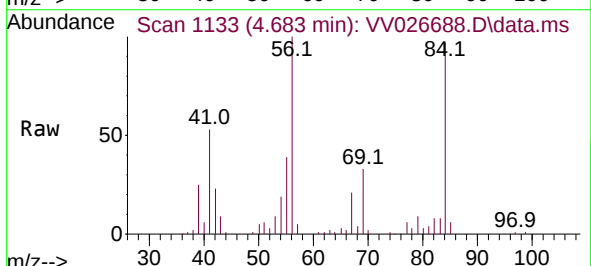
Tgt Ion: 56 Resp: 82529

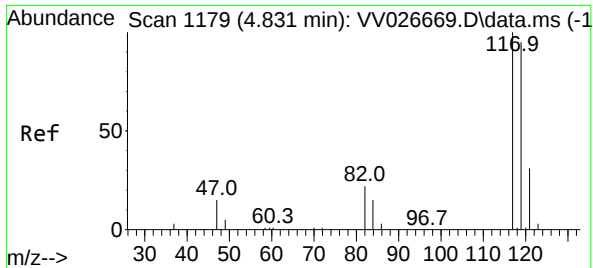
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 96.8 77.8 116.6

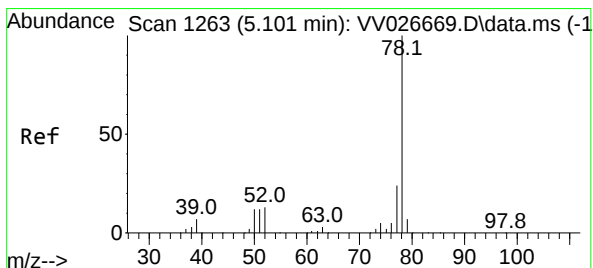
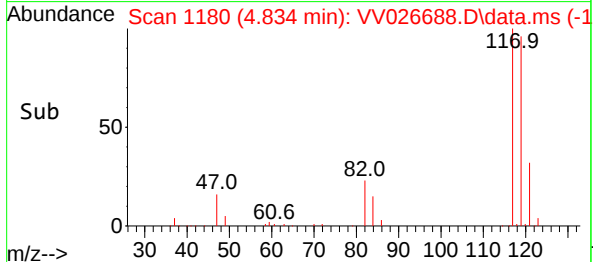
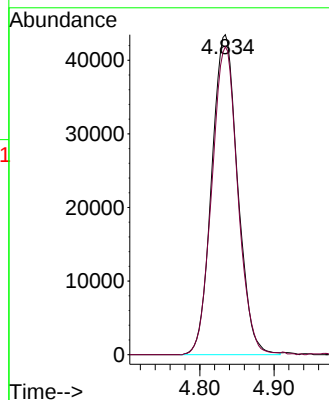
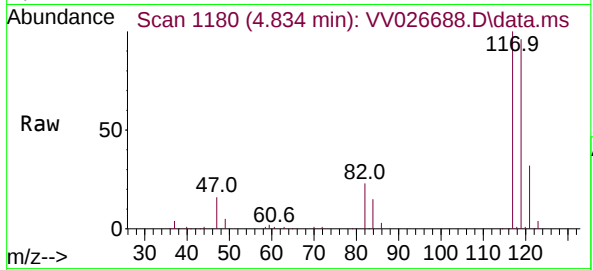




#31
Carbon tetrachloride
Concen: 4.966 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

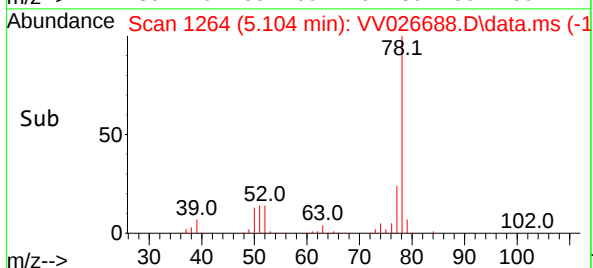
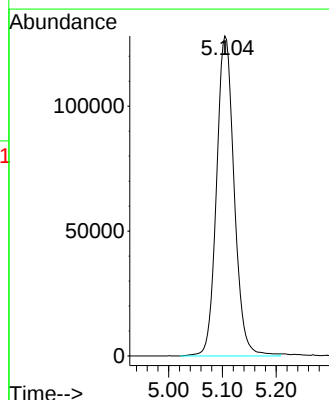
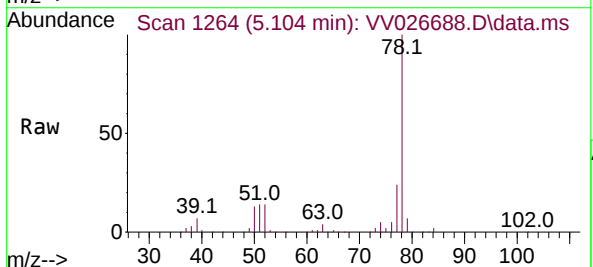
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

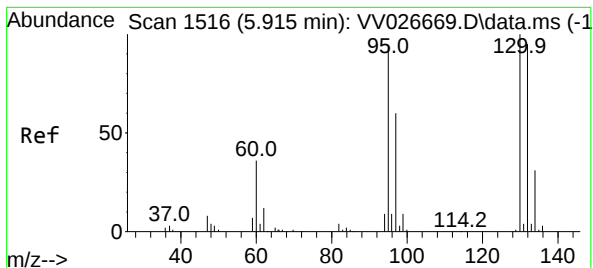
Tgt Ion:117 Resp: 105791
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 4.851 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 78 Resp: 292348





#34

Trichloroethene

Concen: 4.665 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

Tgt Ion: 95 Resp: 73901

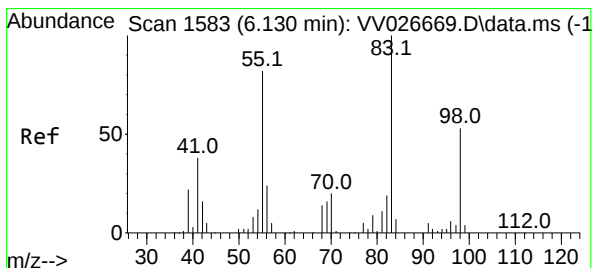
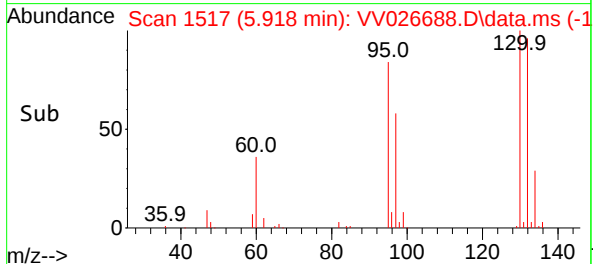
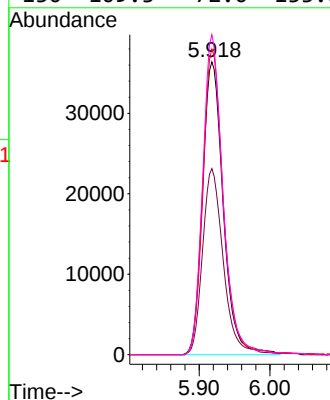
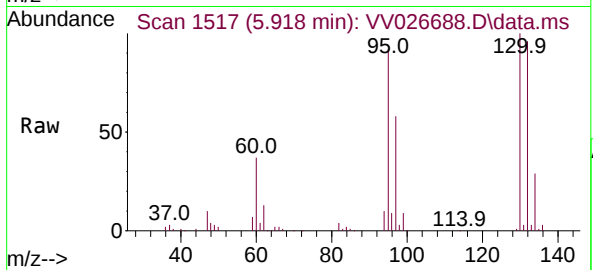
Ion Ratio Lower Upper

95 100

97 63.5 46.8 87.0

132 104.4 69.9 129.7

130 109.3 72.0 133.8



#35

Methylcyclohexane

Concen: 4.201 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

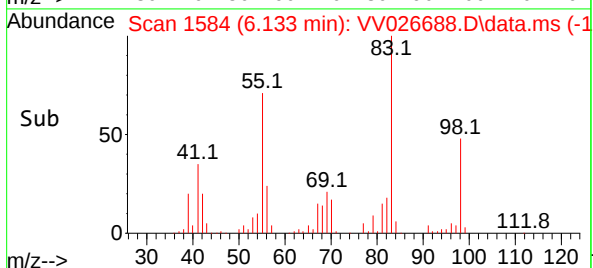
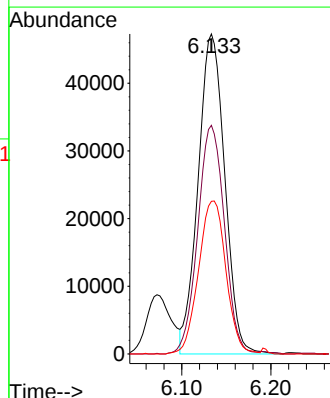
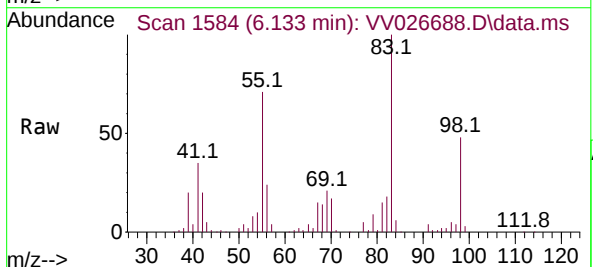
Tgt Ion: 83 Resp: 98464

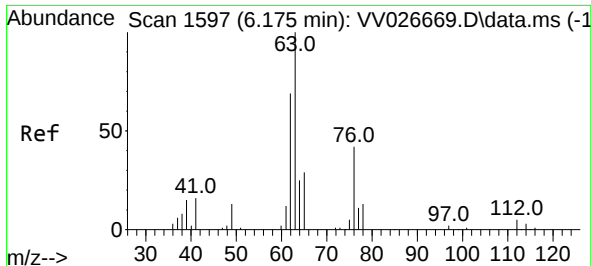
Ion Ratio Lower Upper

83 100

55 71.4 57.0 85.4

98 49.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.161 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

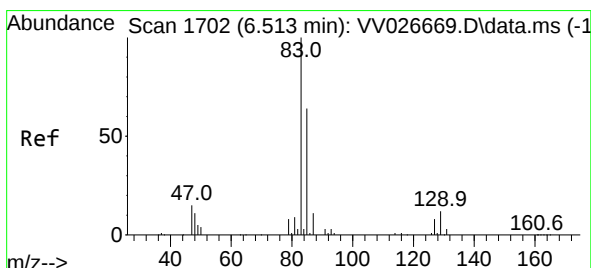
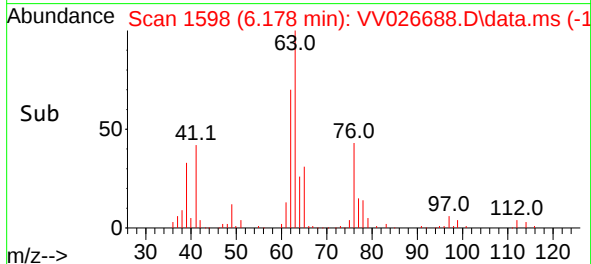
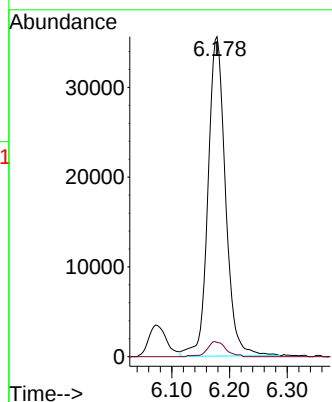
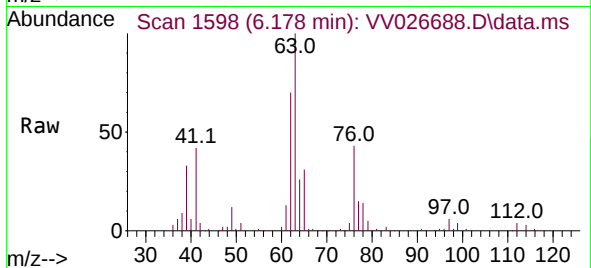
VSTD005347

Tgt Ion: 63 Resp: 74955

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 5.209 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

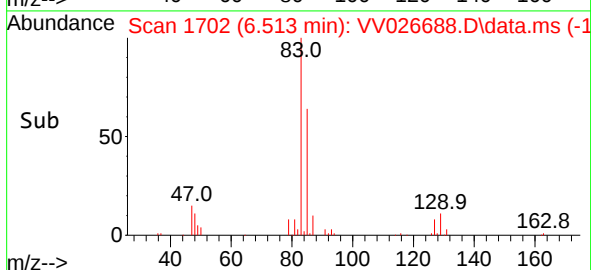
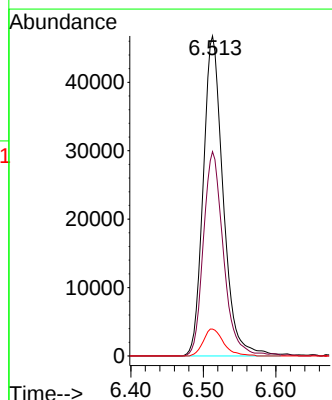
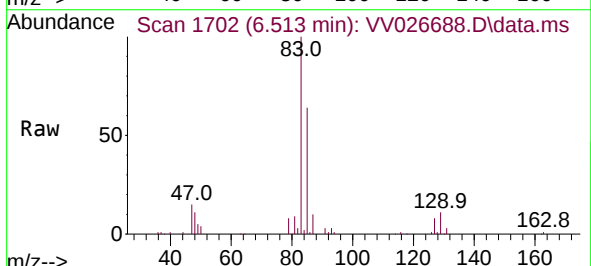
Tgt Ion: 83 Resp: 89317

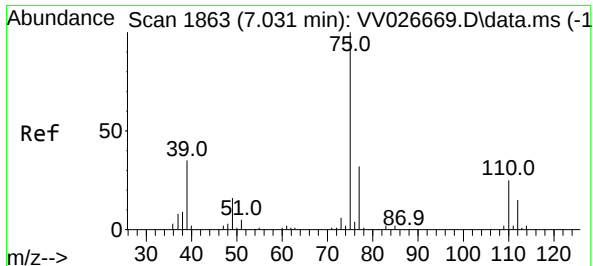
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.8

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.634 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

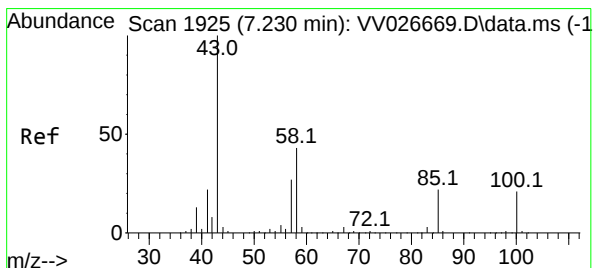
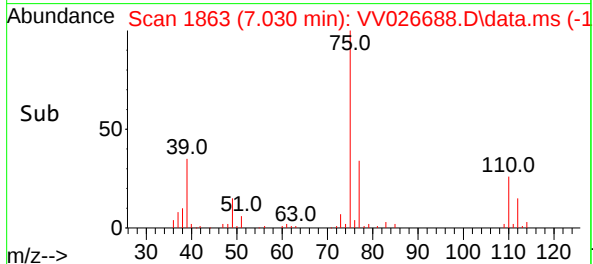
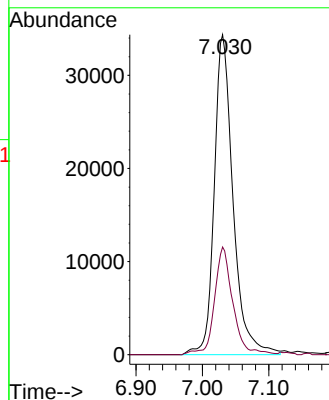
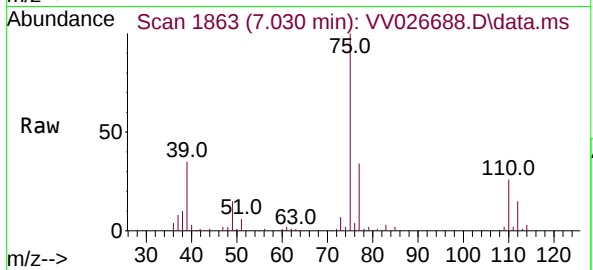
VSTD005347

Tgt Ion: 75 Resp: 67650

Ion Ratio Lower Upper

75 100

77 33.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.412 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

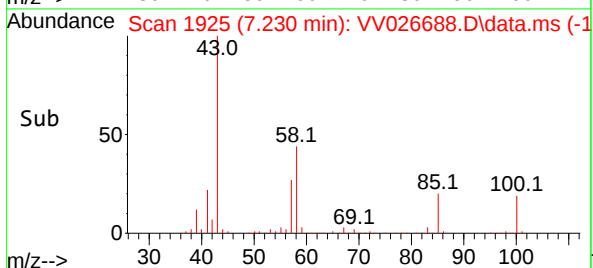
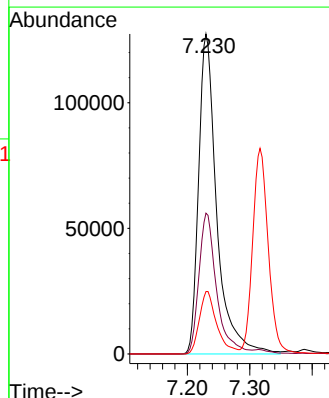
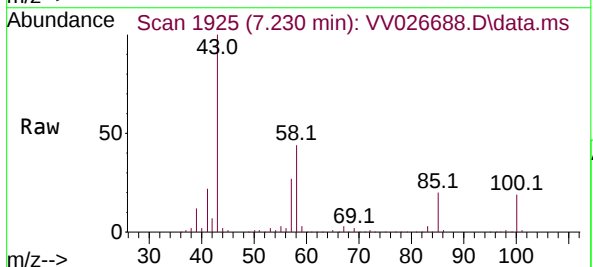
Tgt Ion: 43 Resp: 257126

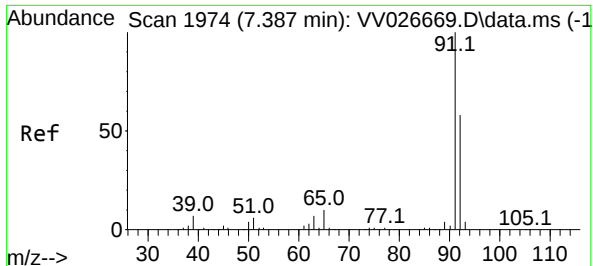
Ion Ratio Lower Upper

43 100

58 43.0 33.3 49.9

100 18.8 14.3 21.5





#42

Toluene

Concen: 5.123 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

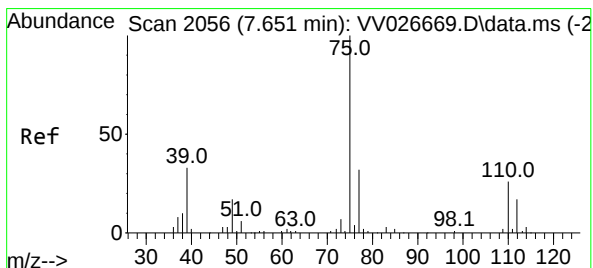
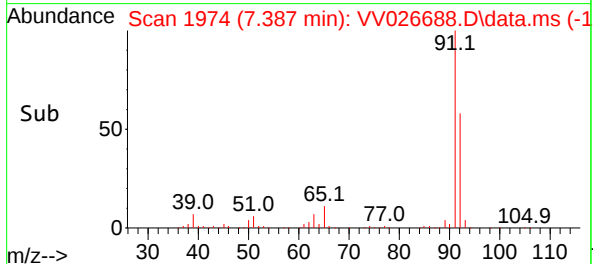
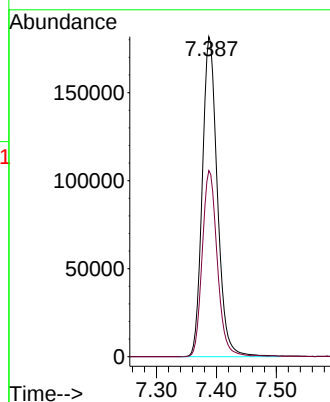
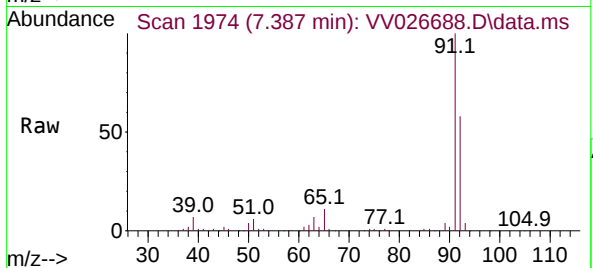
VSTD005347

Tgt Ion: 91 Resp: 318727

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.035 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026688.D

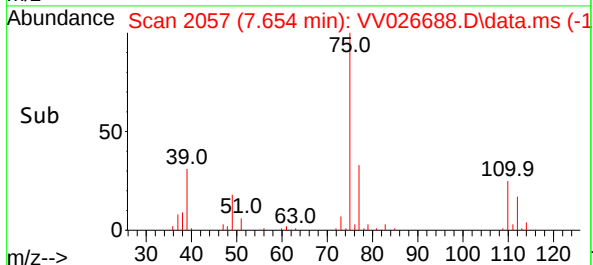
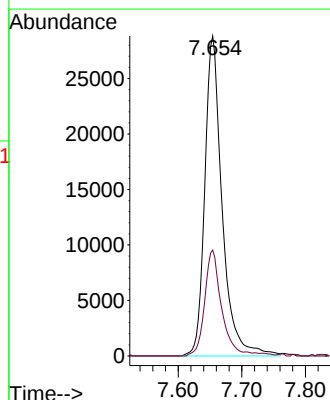
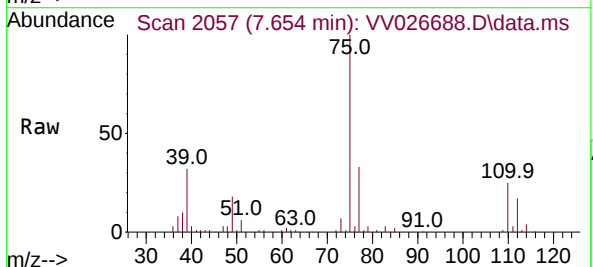
Acq: 08 Jul 2022 09:59

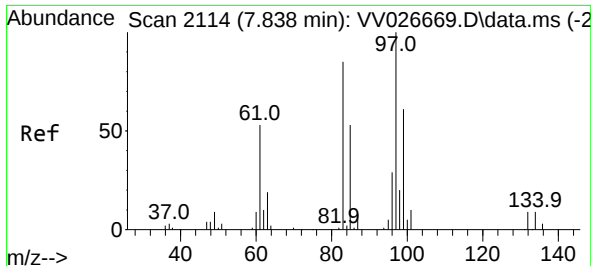
Tgt Ion: 75 Resp: 54667

Ion Ratio Lower Upper

75 100

77 33.1 23.1 42.9

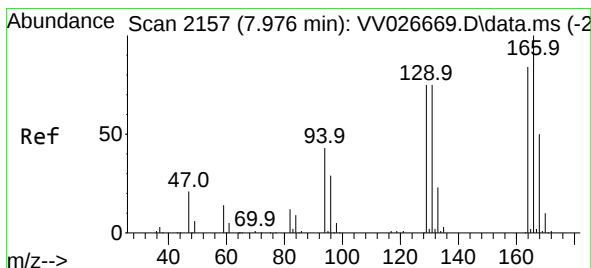
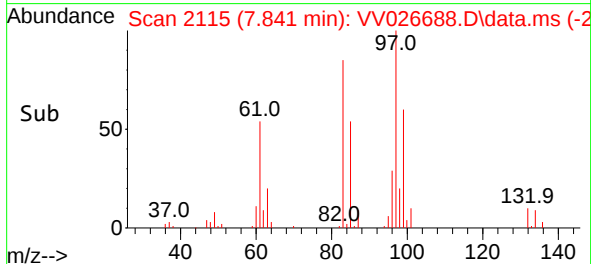
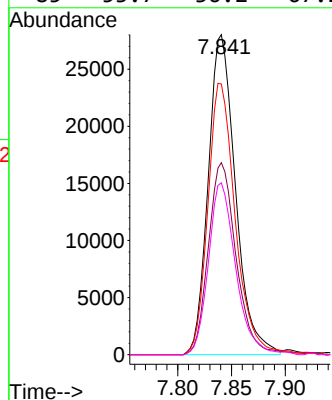
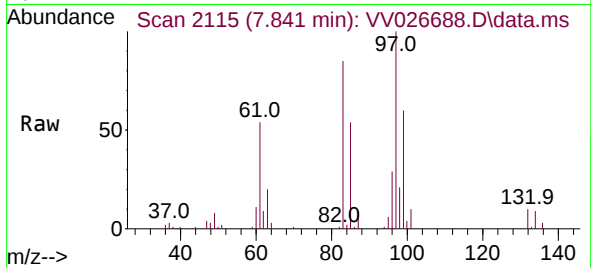




#45
1,1,2-Trichloroethane
Concen: 5.400 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

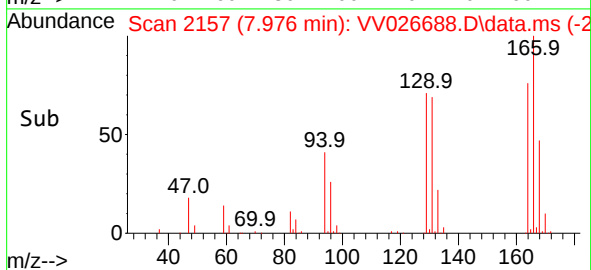
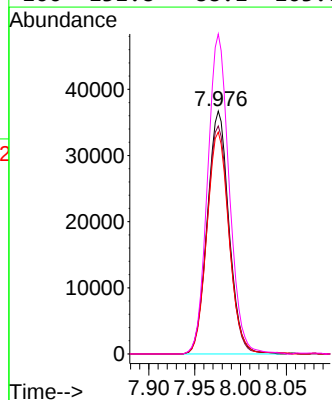
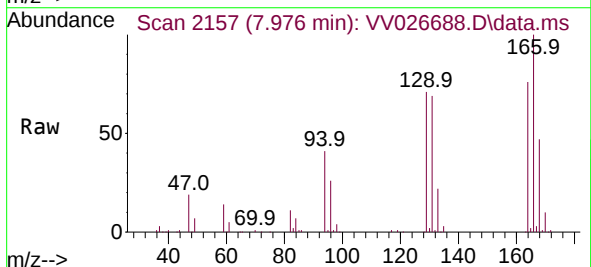
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

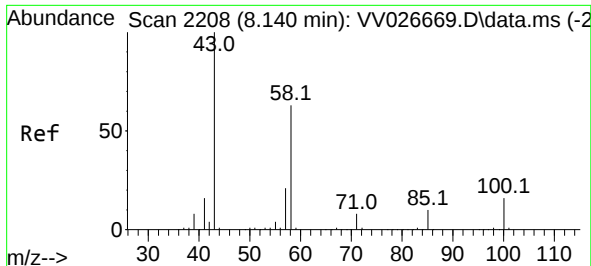
Tgt Ion: 97	Resp: 49456
Ion Ratio	Lower Upper
97 100	
99 60.0	43.4 80.6
83 84.6	58.0 107.8
85 53.7	36.2 67.2



#47
Tetrachloroethene
Concen: 4.798 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 164	Resp: 60521
Ion Ratio	Lower Upper
164 100	
129 93.9	66.4 123.2
131 91.4	64.4 119.6
166 131.8	88.1 163.7



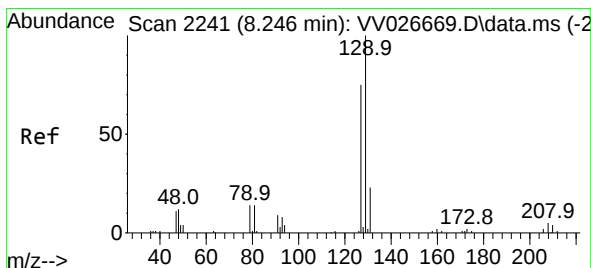
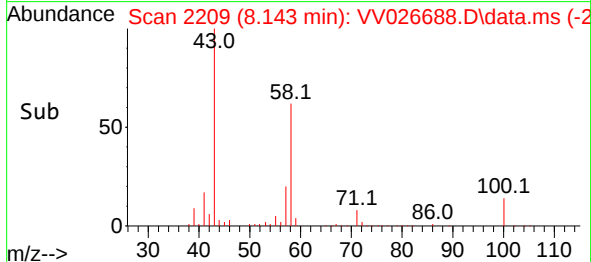
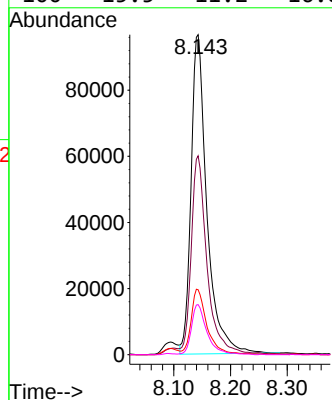
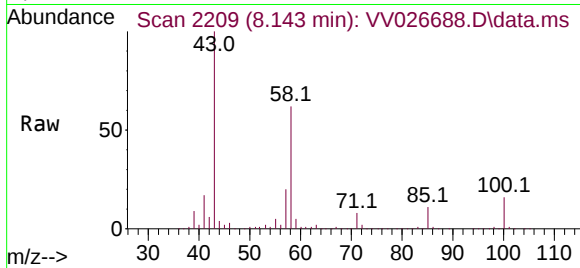


#48
2-Hexanone
Concen: 54.919 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

Tgt Ion: 43 Resp: 187550

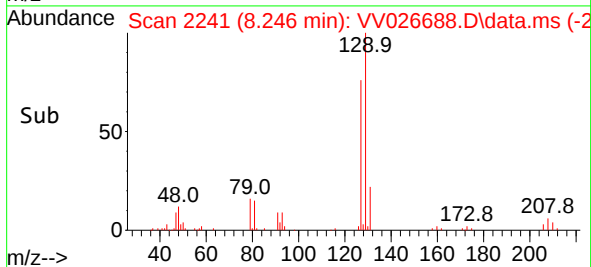
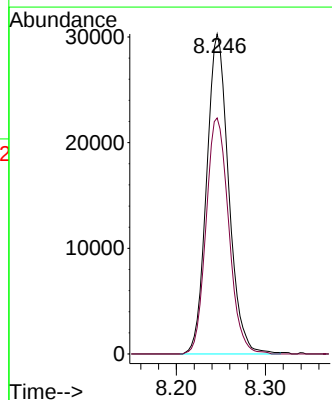
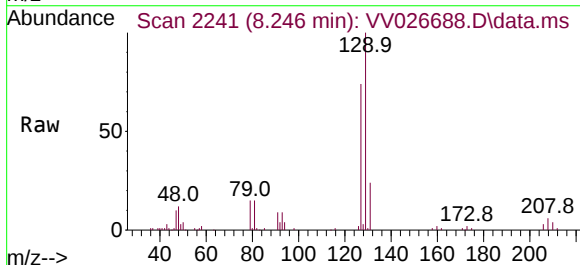
Ion	Ratio	Lower	Upper
43	100		
58	60.7	47.8	71.6
57	20.4	15.0	22.6
100	15.5	11.2	16.8

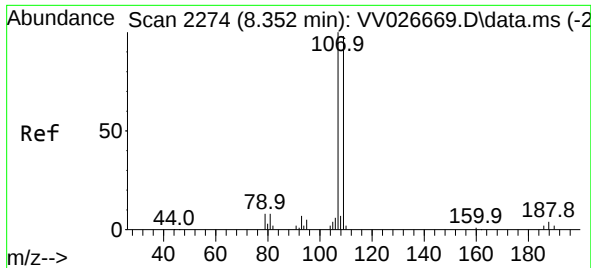


#49
Dibromochloromethane
Concen: 5.612 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 129 Resp: 52046

Ion	Ratio	Lower	Upper
129	100		
127	73.7	54.2	100.6

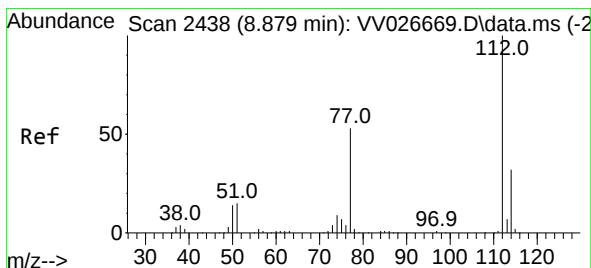
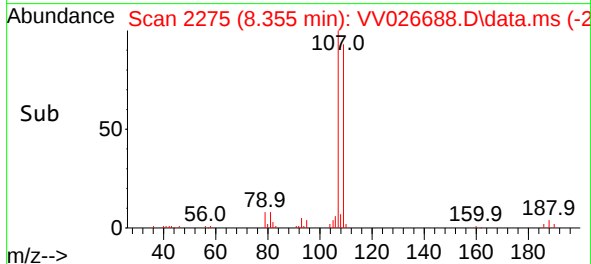
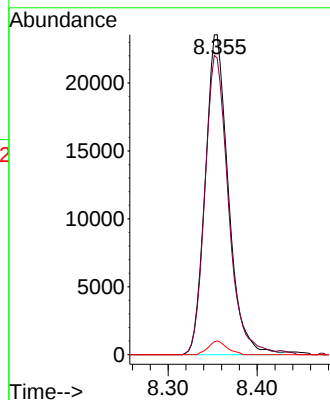
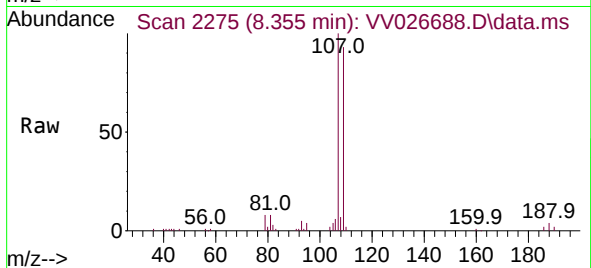




#50
 1,2-Dibromoethane
 Concen: 5.214 ug/L
 RT: 8.355 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

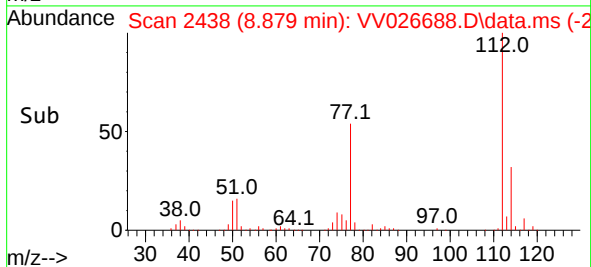
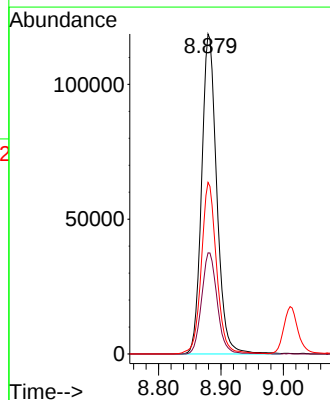
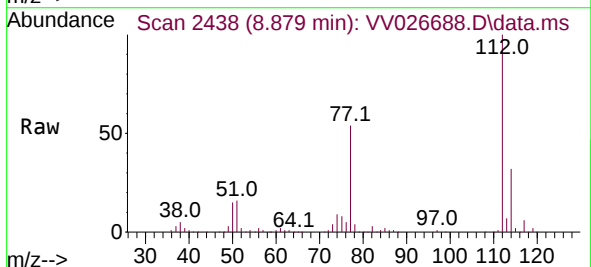
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

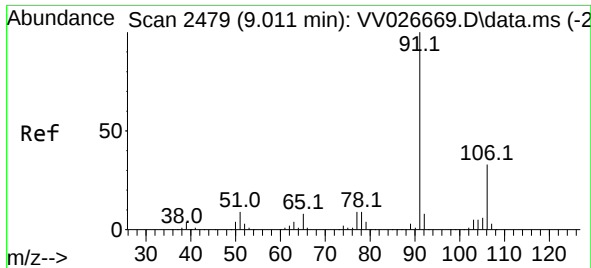
Tgt Ion:	107	Resp:	42464
Ion	Ratio	Lower	Upper
107	100		
109	92.7	67.8	125.8
188	4.3	3.2	4.8



#51
 Chlorobenzene
 Concen: 4.916 ug/L
 RT: 8.879 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

Tgt Ion:	112	Resp:	200326
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	53.6	44.4	66.6

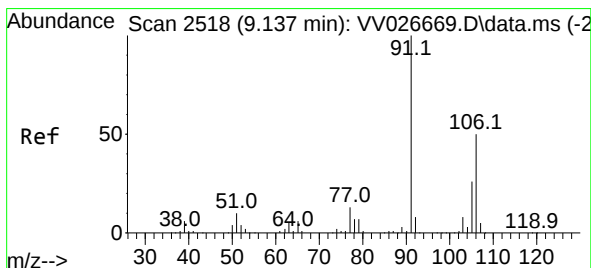
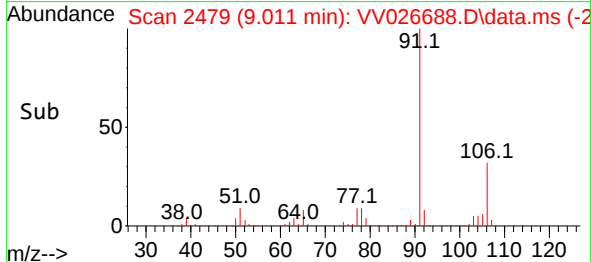
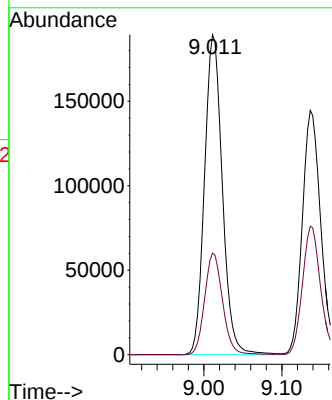
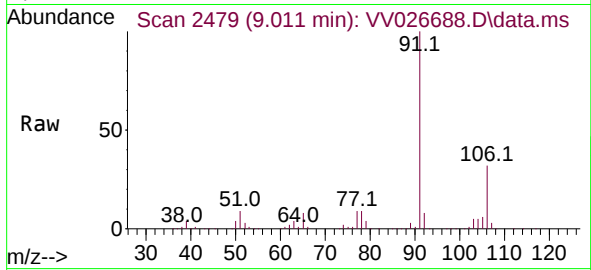




#52
Ethylbenzene
Concen: 4.682 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

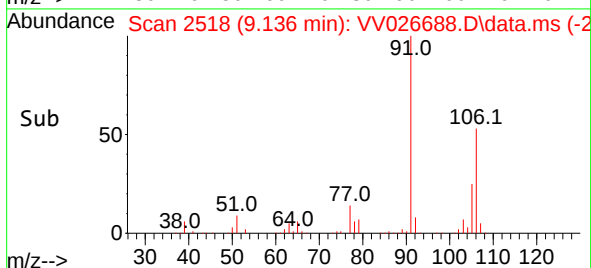
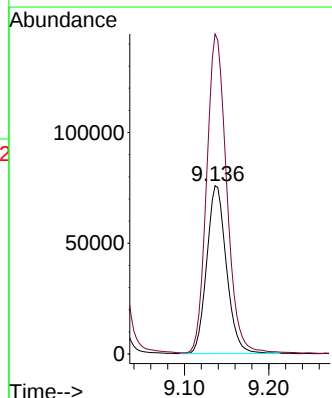
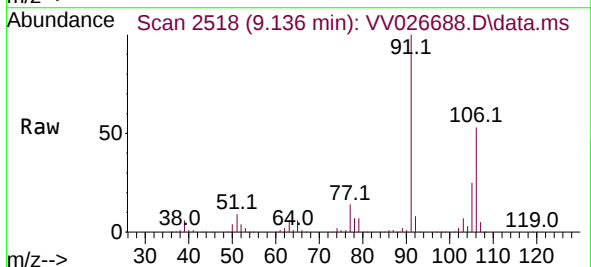
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

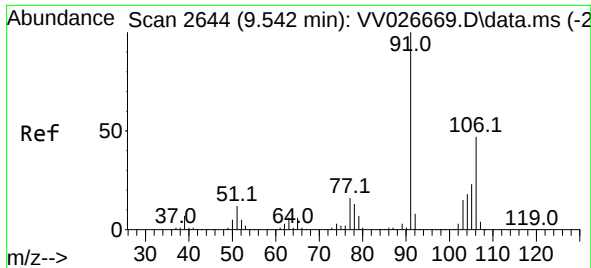
Tgt Ion: 91 Resp: 301222
Ion Ratio Lower Upper
91 100
106 31.8 22.1 41.1



#53
m,p-Xylene
Concen: 4.903 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 106 Resp: 123070
Ion Ratio Lower Upper
106 100
91 190.1 139.9 259.9

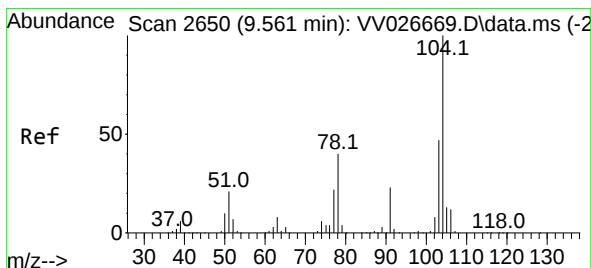
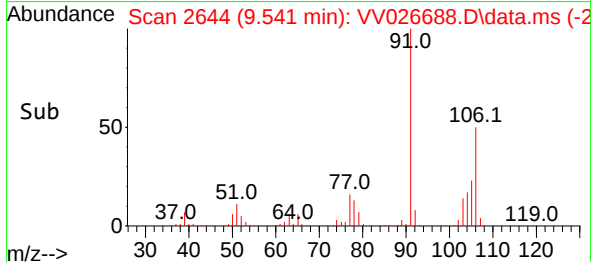
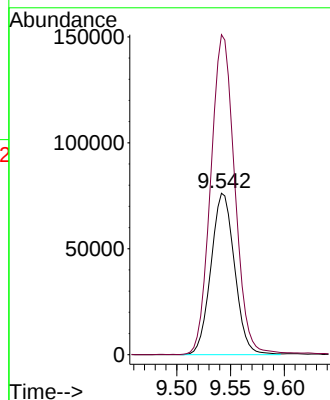
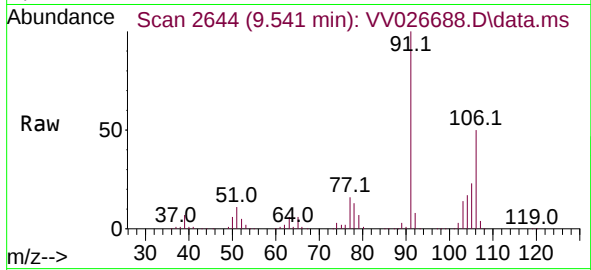




#54
o-Xylene
Concen: 4.943 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

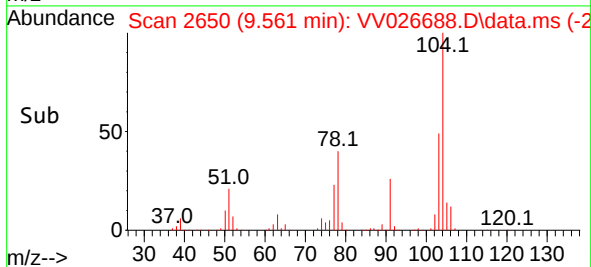
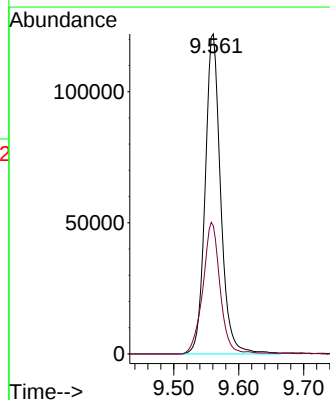
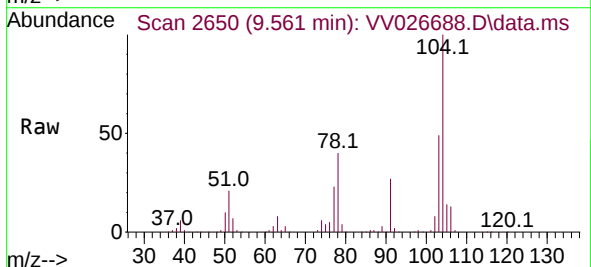
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

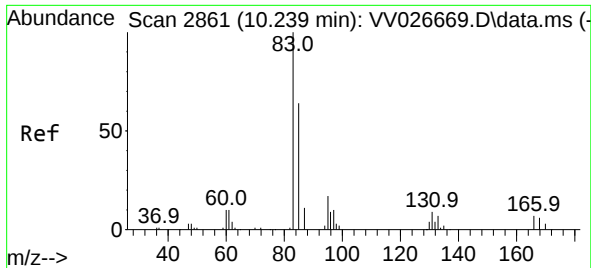
Tgt Ion:106 Resp: 116449
Ion Ratio Lower Upper
106 100
91 198.3 147.5 273.9



#55
Styrene
Concen: 5.199 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion:104 Resp: 202855
Ion Ratio Lower Upper
104 100
78 40.0 28.4 52.8

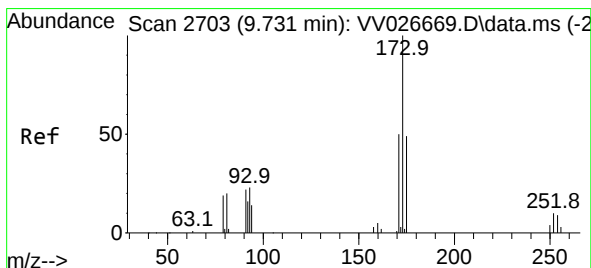
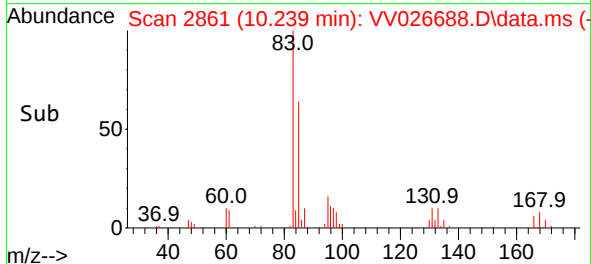
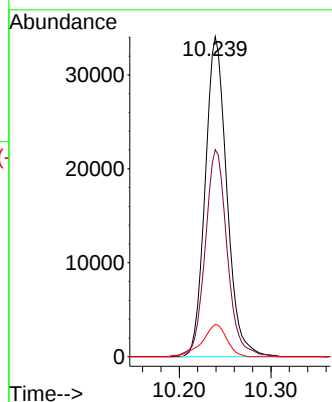
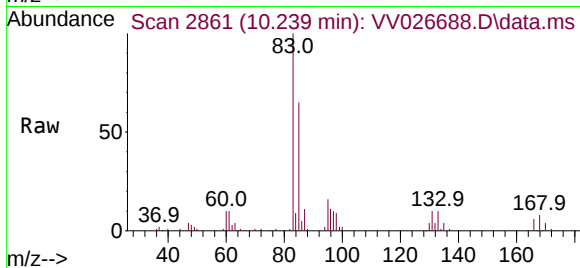




#57
1,1,2,2-Tetrachloroethane
Concen: 5.441 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

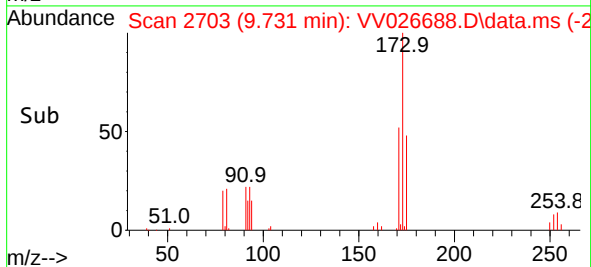
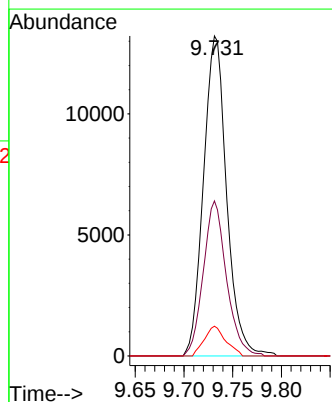
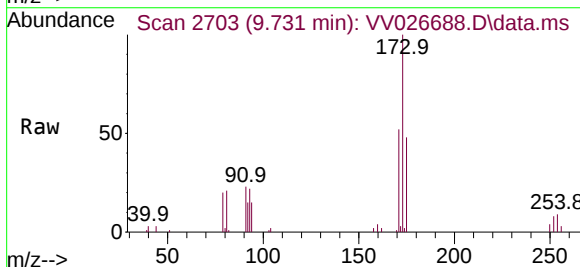
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

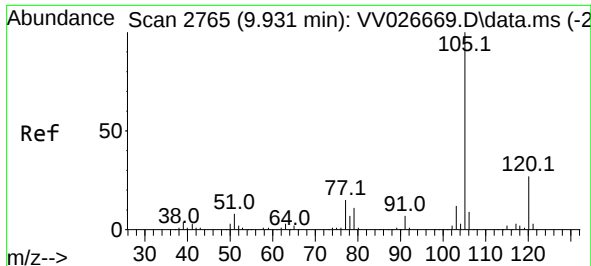
Tgt Ion:	83	Resp:	55651
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.3	82.3
131	10.0	8.0	12.0



#59
Bromoform
Concen: 5.711 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion:	173	Resp:	21836
Ion	Ratio	Lower	Upper
173	100		
175	48.4	37.9	56.9
254	8.6	6.3	9.5

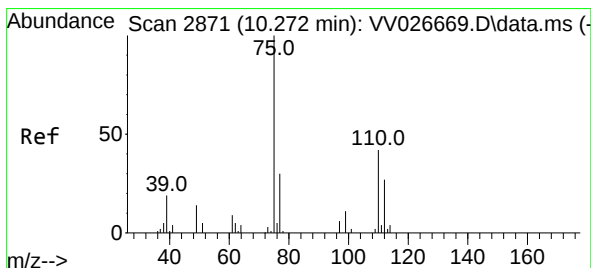
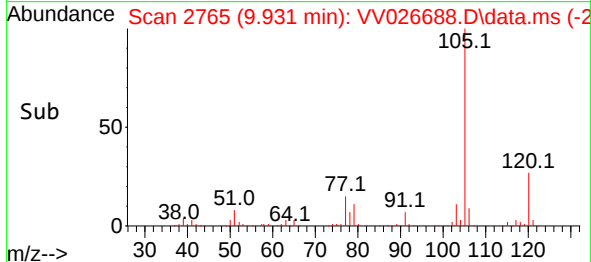
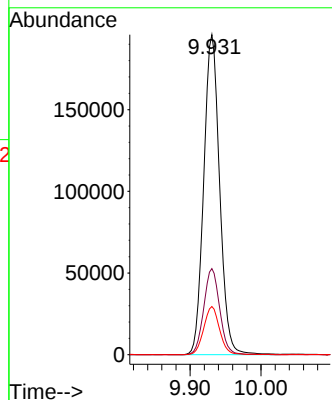
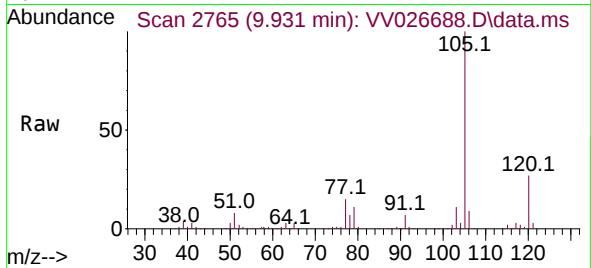




#60
Isopropylbenzene
Concen: 4.771 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

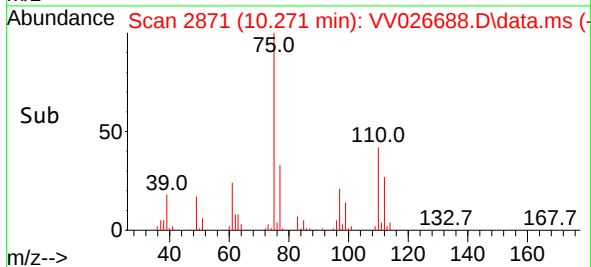
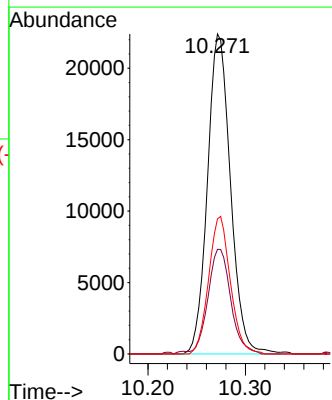
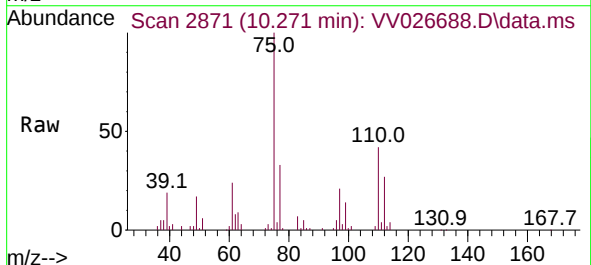
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

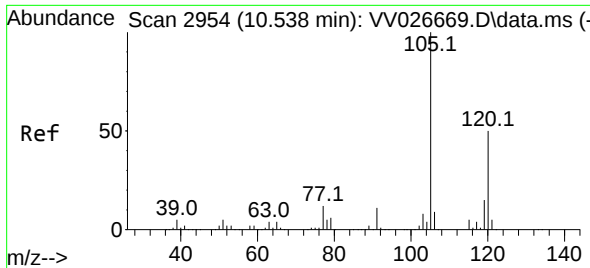
Tgt Ion:105 Resp: 305304
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 15.0 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.484 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 75 Resp: 36841
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
110 40.5 32.5 48.7

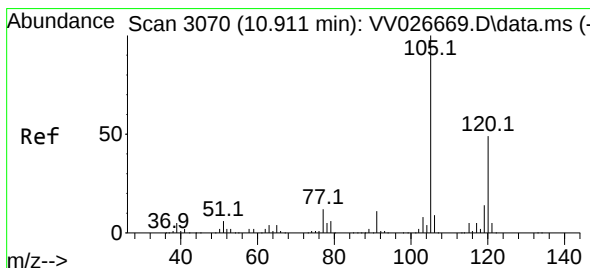
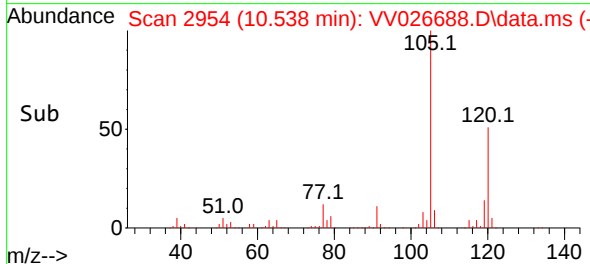
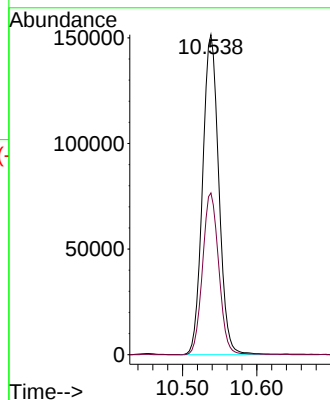
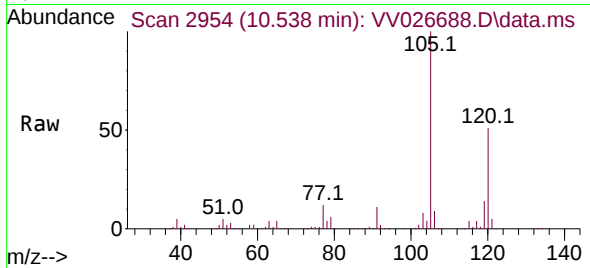




#62
 1,3,5-Trimethylbenzene
 Concen: 4.546 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

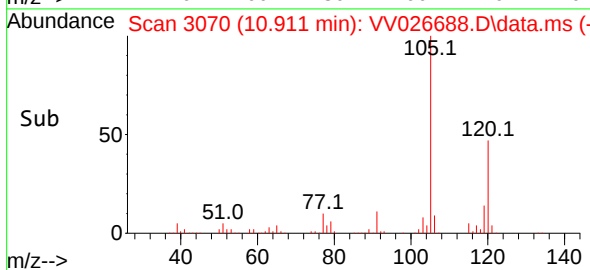
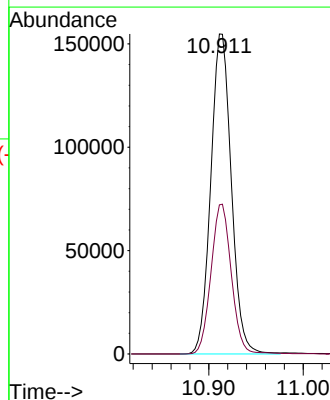
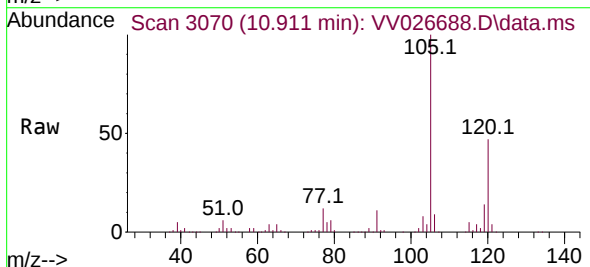
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

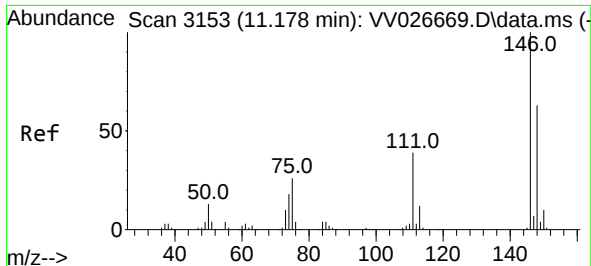
Tgt Ion:105 Resp: 229972
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.681 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV026688.D
 Acq: 08 Jul 2022 09:59

Tgt Ion:105 Resp: 233500
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2

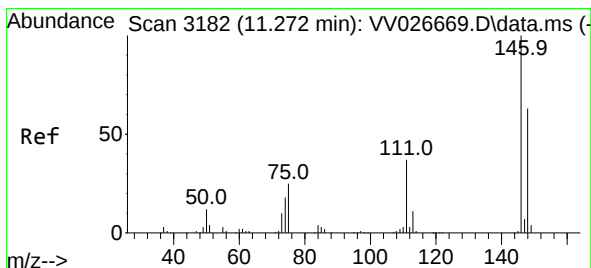
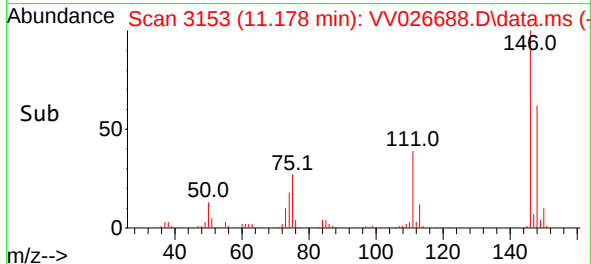
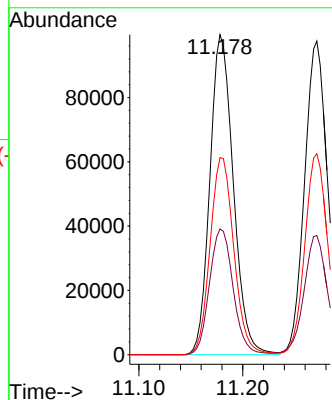
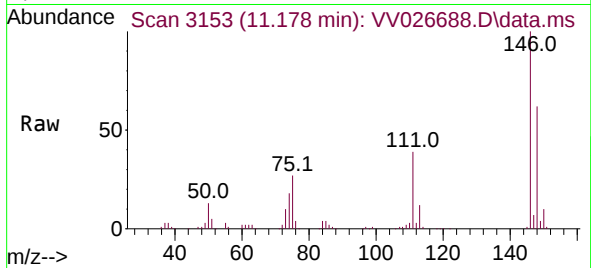




#64
1,3-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

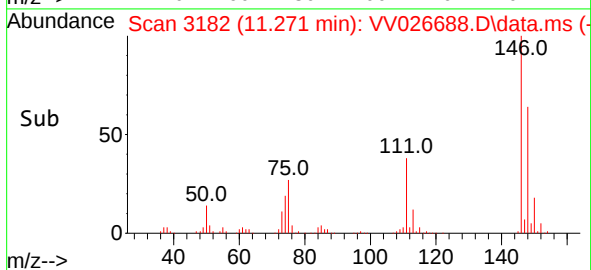
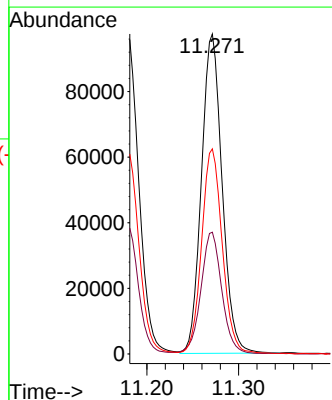
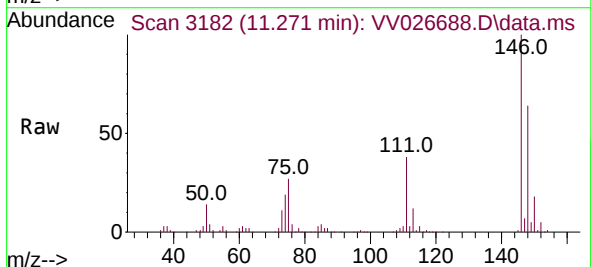
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

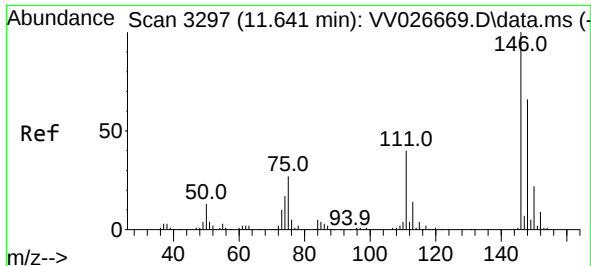
Tgt Ion:146 Resp: 156018
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.7
148 61.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion:146 Resp: 152631
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 64.1 43.7 81.1

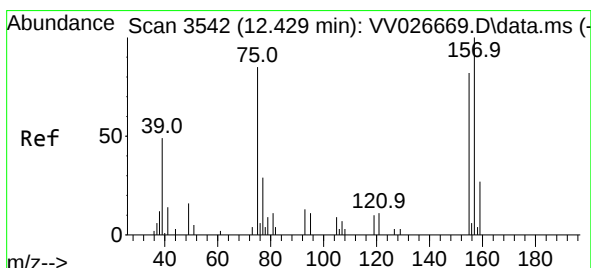
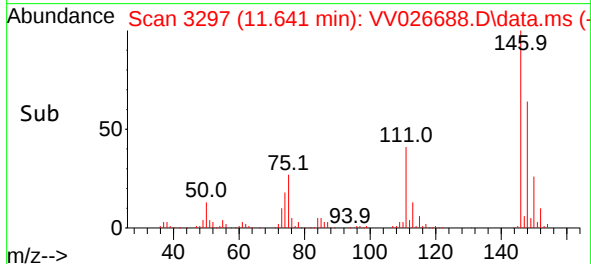
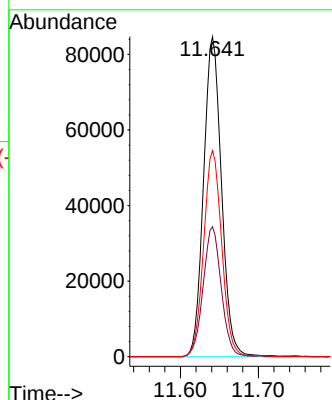
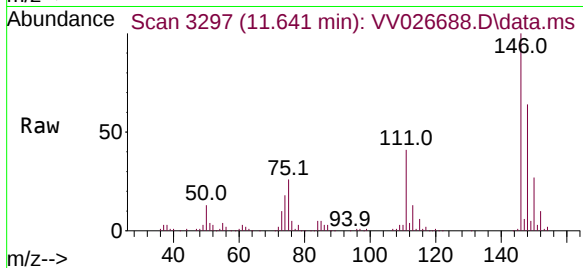




#67
1,2-Dichlorobenzene
Concen: 5.114 ug/L
RT: 11.641 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

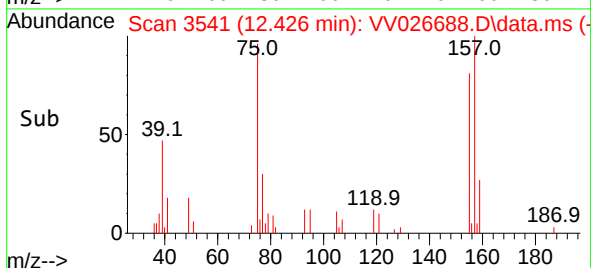
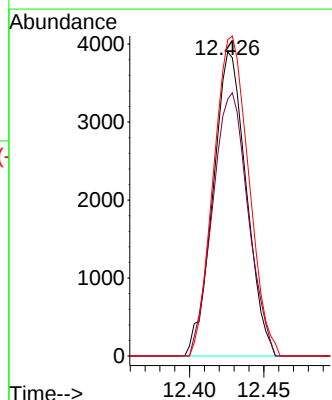
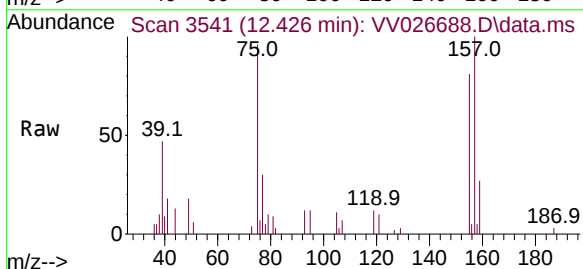
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

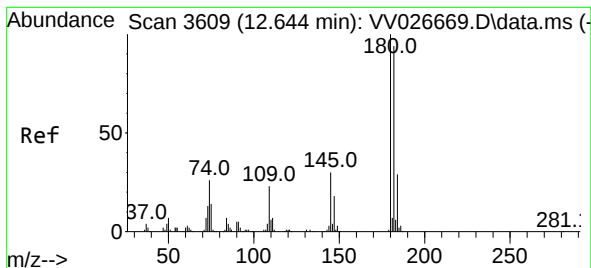
Tgt Ion:146 Resp: 135437
Ion Ratio Lower Upper
146 100
111 40.6 32.8 49.2
148 64.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.029 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion: 75 Resp: 6060
Ion Ratio Lower Upper
75 100
155 84.4 74.7 112.1
157 103.9 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.542 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

Tgt Ion:180 Resp: 101651

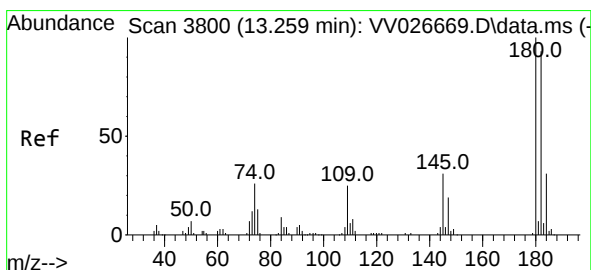
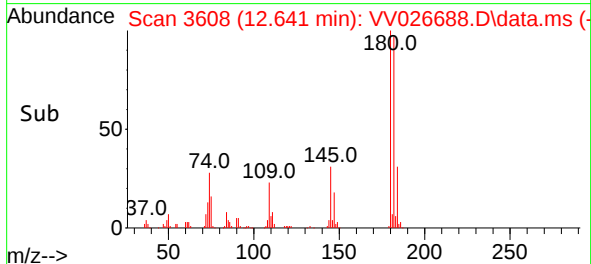
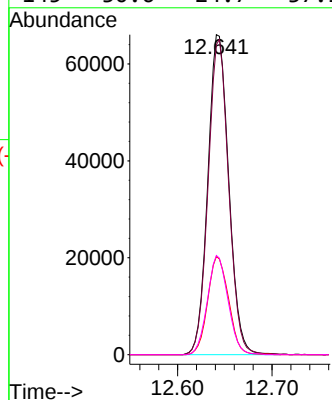
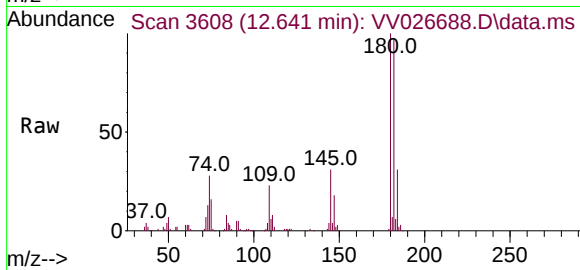
Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

184 30.6 24.1 36.1

145 30.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.393 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026688.D

Acq: 08 Jul 2022 09:59

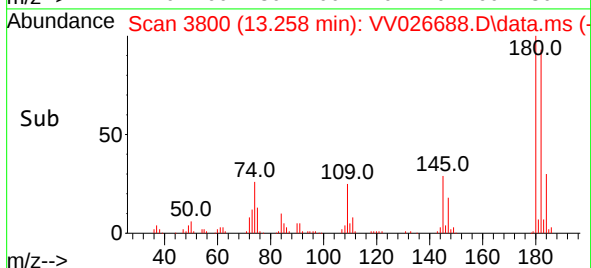
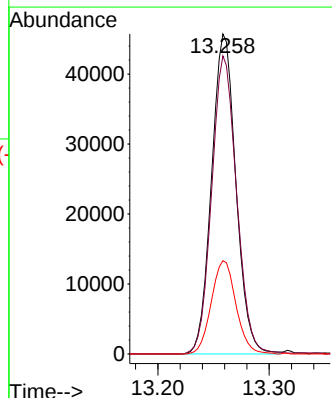
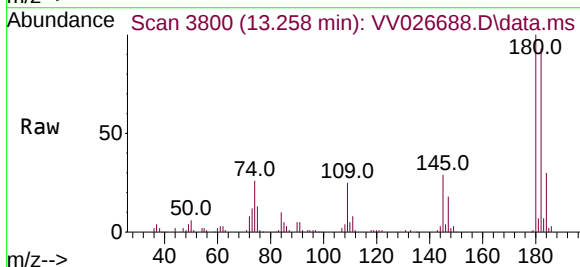
Tgt Ion:180 Resp: 69425

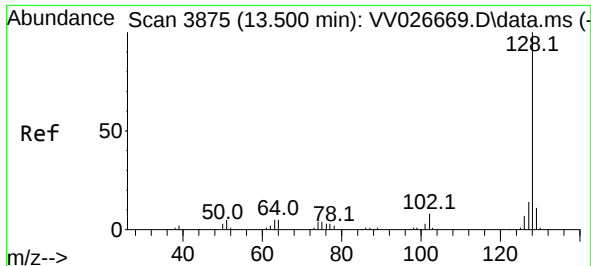
Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

145 29.5 24.4 36.6



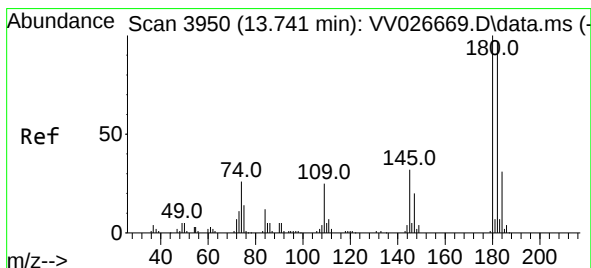
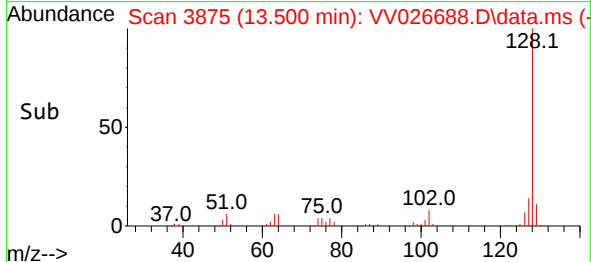
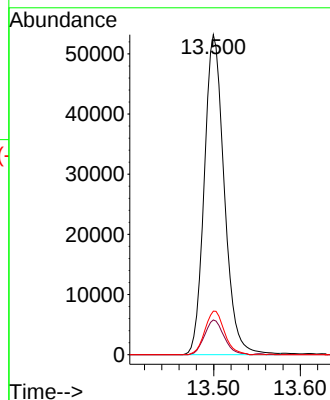
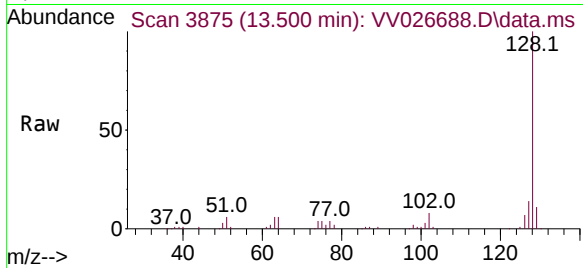


#71
Naphthalene

Concen: 4.139 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

Tgt Ion:	128	Resp:	85331
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	13.4	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.495 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026688.D
Acq: 08 Jul 2022 09:59

Tgt Ion:	180	Resp:	58135
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.8	115.2
145	33.3	25.8	38.6

