

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052022\
 Data File : VW025939.D
 Acq On : 20 May 2022 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: May 20 21:43:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	205376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	210573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	58959	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.571	69	57598	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.111	63	140365	3.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.892	46	75493	38.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.860%
24) Chloroform-d	4.349	84	125273	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	50113	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.050	84	236735	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.069	67	71430	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.313	98	222682	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.622	79	21090	4.057	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.088	63	84770	43.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48891	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72998	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	99175	4.478	ug/L	100
3) Chloromethane	1.243	50	102322	3.955	ug/L	98
5) Vinyl chloride	1.314	62	112755	4.144	ug/L	99
6) Bromomethane	1.526	94	55811	3.523	ug/L	100
8) Chloroethane	1.587	64	73654	4.173	ug/L	98
9) Trichlorofluoromethane	1.757	101	161163	4.438	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	91748	4.508	ug/L	99
12) 1,1-Dichloroethene	2.121	96	85481	4.331	ug/L	99
13) Acetone	2.179	43	57072	30.136	ug/L	79
14) Carbon disulfide	2.298	76	205023	4.032	ug/L	99
15) Methyl Acetate	2.439	43	17491	4.054	ug/L	93
16) Methylene chloride	2.510	84	80915	4.038	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	137179	4.356	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	79925	4.643	ug/L	99
19) 1,1-Dichloroethane	3.191	63	149077	4.575	ug/L	99
21) 2-Butanone	3.976	43	90558	33.298	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	79329	4.511	ug/L	94
23) Bromochloromethane	4.249	128	33502	4.504	ug/L	94
25) Chloroform	4.375	83	153702	4.653	ug/L	97

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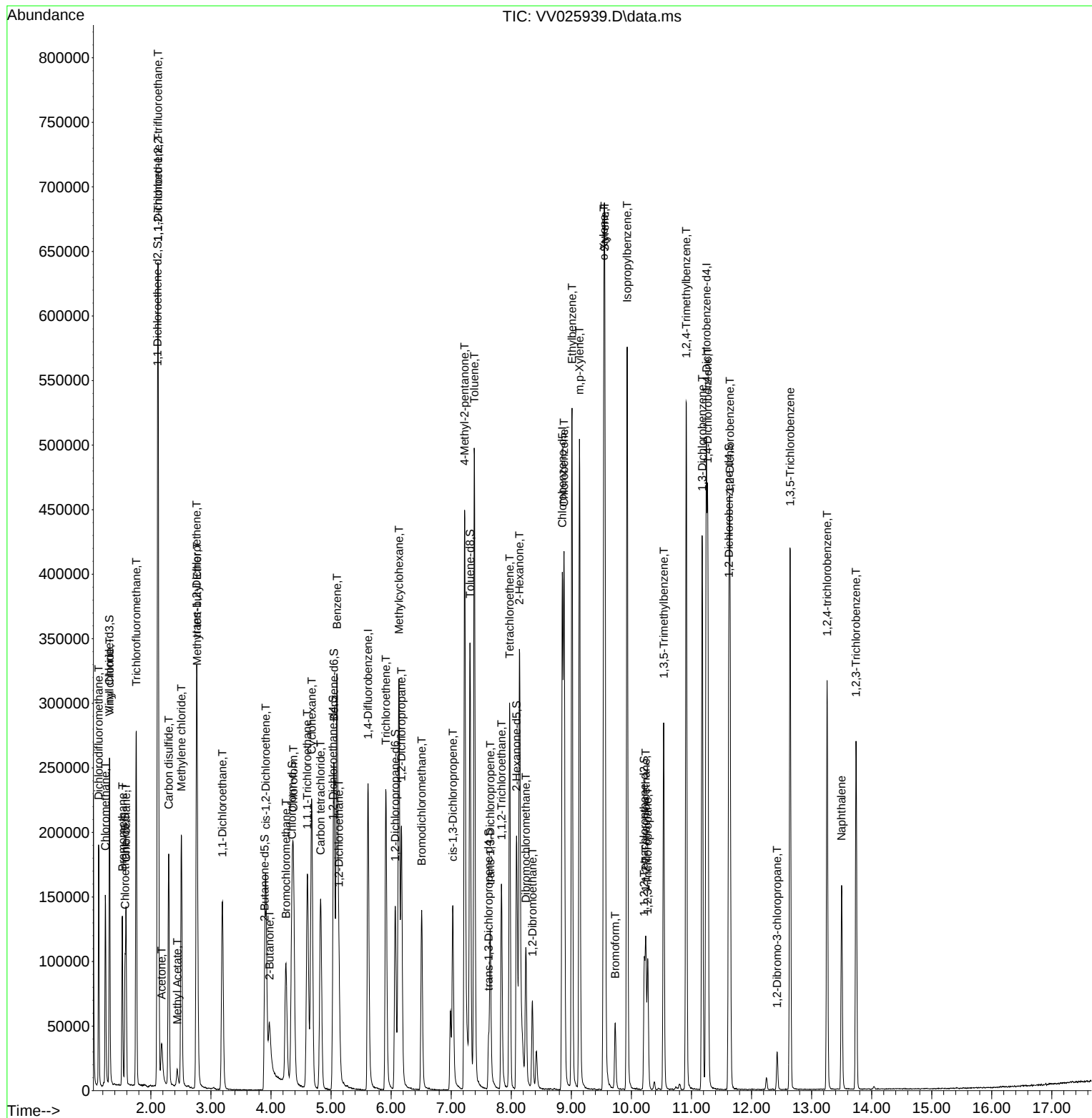
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	76133	4.373	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	134675	4.690	ug/L	98
30) Cyclohexane	4.677	56	114839	4.491	ug/L	98
31) Carbon tetrachloride	4.825	117	111524	4.589	ug/L	99
33) Benzene	5.098	78	331210	4.644	ug/L	100
34) Trichloroethene	5.912	95	82479	4.529	ug/L	99
35) Methylcyclohexane	6.130	83	125958	4.504	ug/L	98
37) 1,2-Dichloropropane	6.172	63	80457	4.783	ug/L	100
38) Bromodichloromethane	6.510	83	97529	4.613	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	91400	4.209	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	337825	43.415	ug/L	98
42) Toluene	7.384	91	357227	4.812	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	74619	4.213	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	50823	4.401	ug/L	94
47) Tetrachloroethene	7.973	164	63762	4.518	ug/L	98
48) 2-Hexanone	8.137	43	243314	44.232	ug/L	99
49) Dibromochloromethane	8.243	129	54274	4.301	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46250	4.505	ug/L	96
51) Chlorobenzene	8.879	112	223721	4.646	ug/L	99
52) Ethylbenzene	9.011	91	364809	4.672	ug/L	99
53) m,p-Xylene	9.137	106	144340	4.786	ug/L	98
54) o-Xylene	9.542	106	135943	4.734	ug/L	96
55) Styrene	9.558	104	236878	4.909	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	57040	4.572	ug/L #	98
59) Bromoform	9.731	173	23238	3.789	ug/L	99
60) Isopropylbenzene	9.931	105	366118	4.633	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	40832	4.148	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	150694	4.465	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	284612	4.600	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	174041	4.655	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	174510	4.585	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	152221	4.531	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7411	3.887	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	125718	4.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91950	4.352	ug/L	100
71) Naphthalene	13.500	128	125049	3.953	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	76712	4.203	ug/L	96

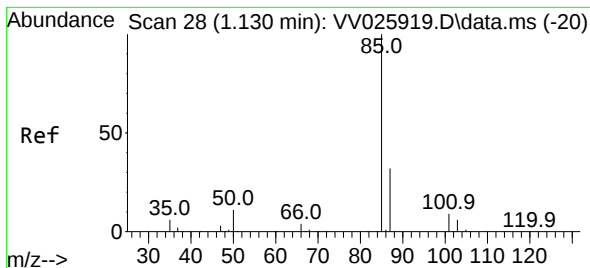
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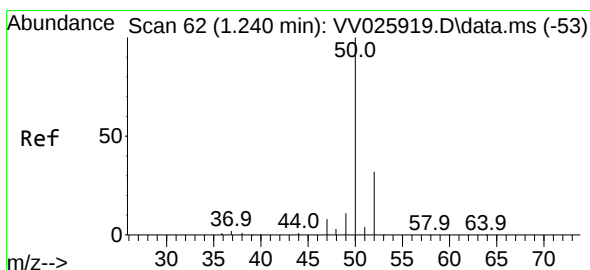
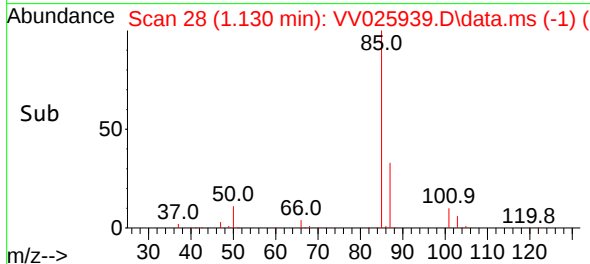
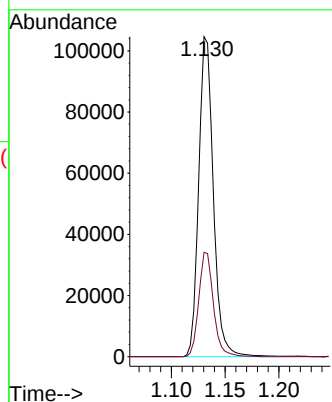
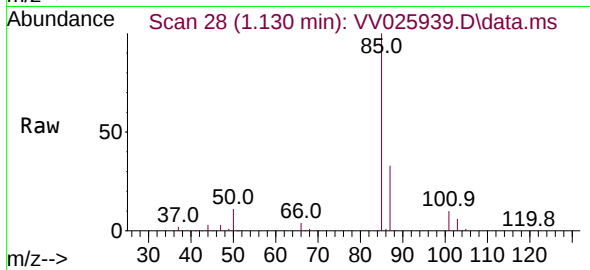




#2
 Dichlorodifluoromethane
 Concen: 4.478 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

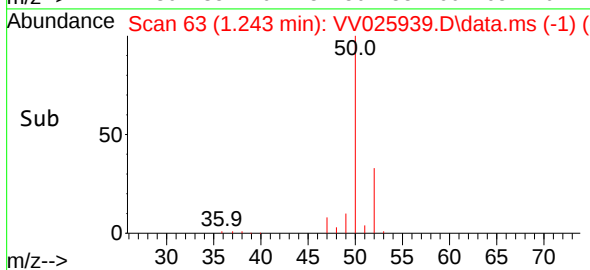
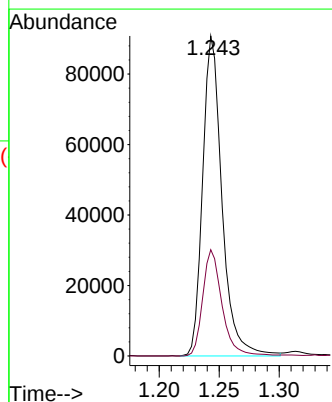
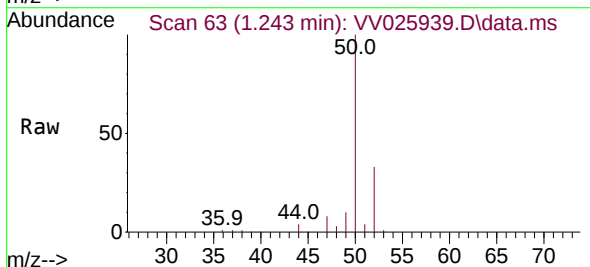
Instrument :
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 ClientSampleId :
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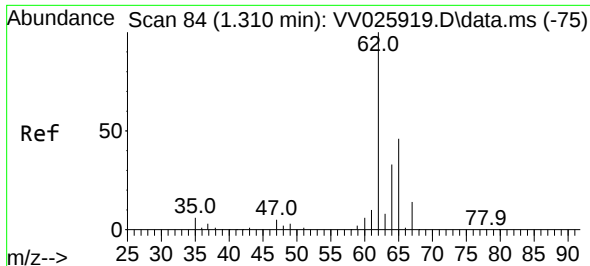
Tgt Ion: 85 Resp: 99175
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 3.955 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

Tgt Ion: 50 Resp: 102322
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.9 44.3

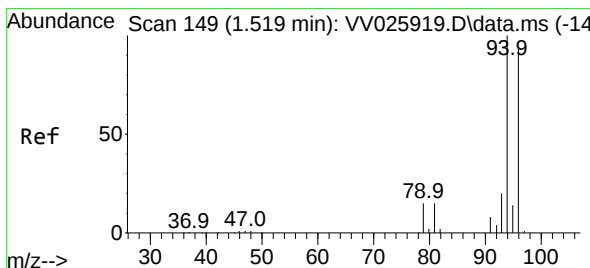
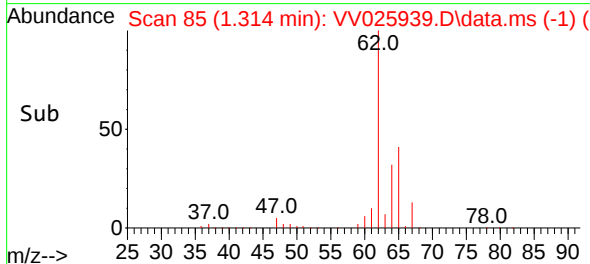
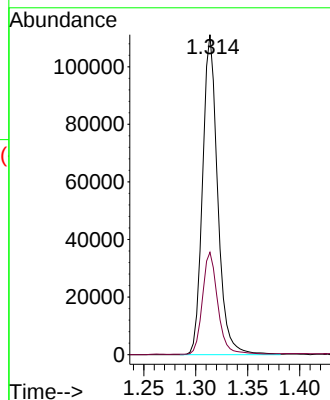
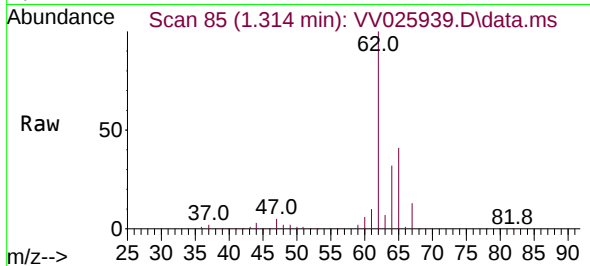




#5
 Vinyl chloride
 Concen: 4.144 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

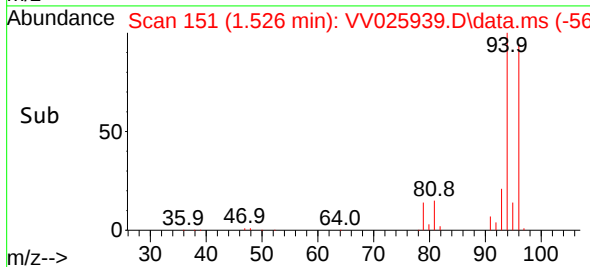
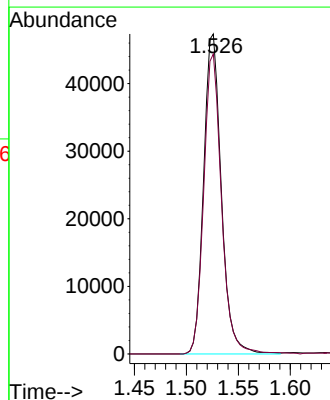
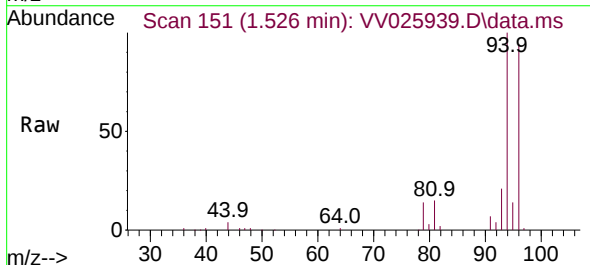
Instrument :
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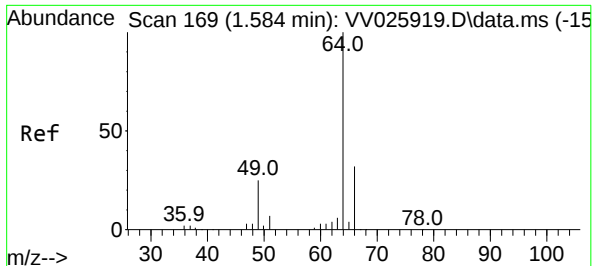
Tgt Ion: 62 Resp: 112755
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.9 42.5



#6
 Bromomethane
 Concen: 3.523 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.007 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

Tgt Ion: 94 Resp: 55811
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.4 121.4

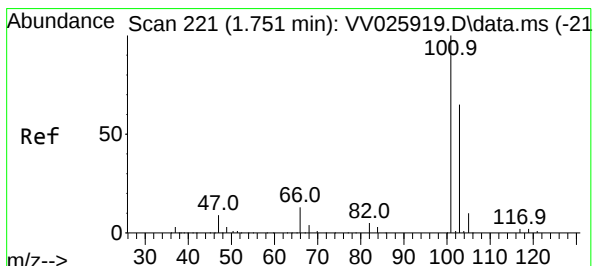
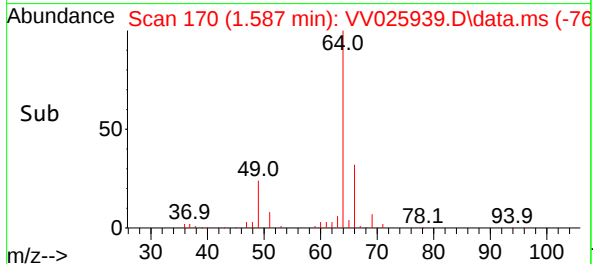
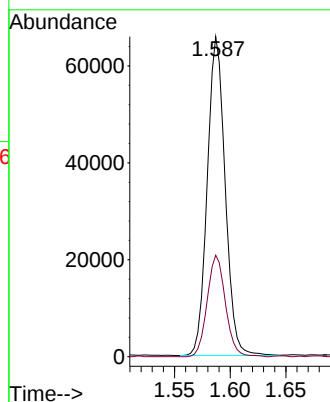
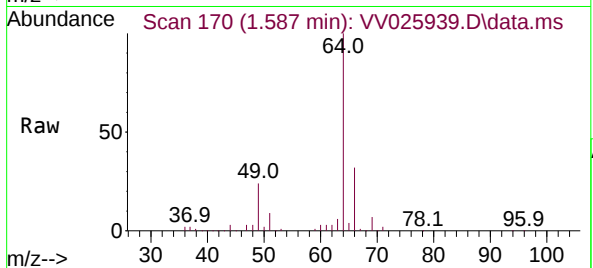




#8
Chloroethane
Concen: 4.173 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

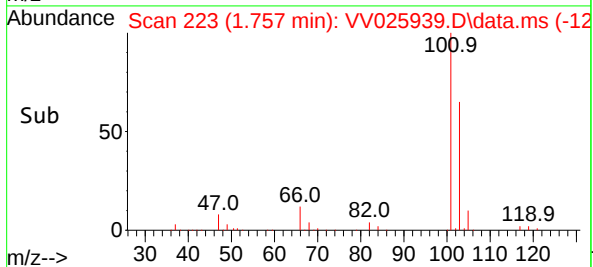
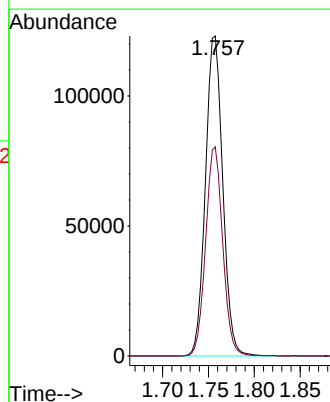
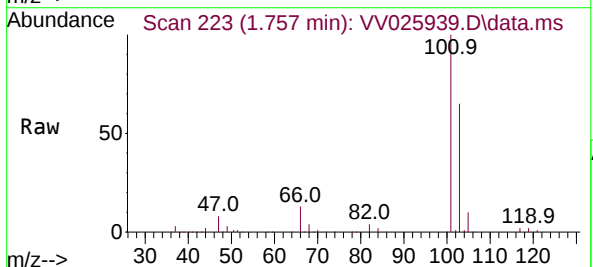
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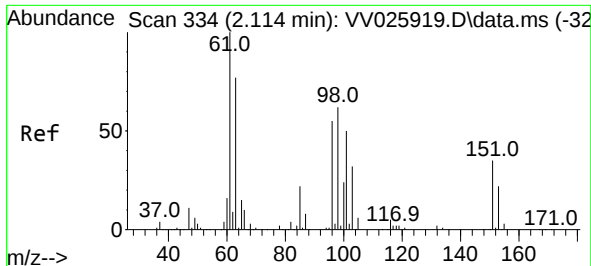
Tgt Ion: 64 Resp: 73654
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.438 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.007 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion:101 Resp: 161163
Ion Ratio Lower Upper
101 100
103 64.6 50.6 76.0

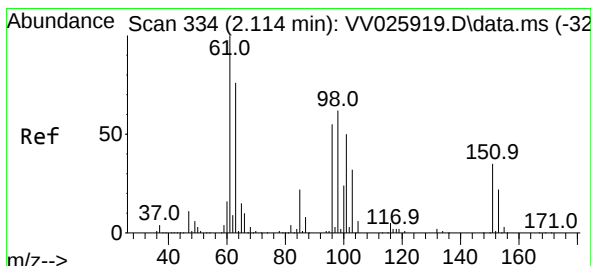
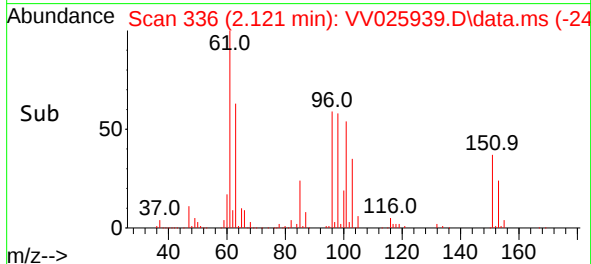
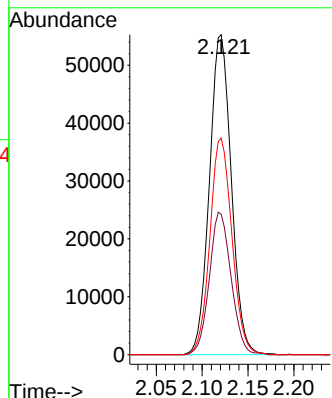
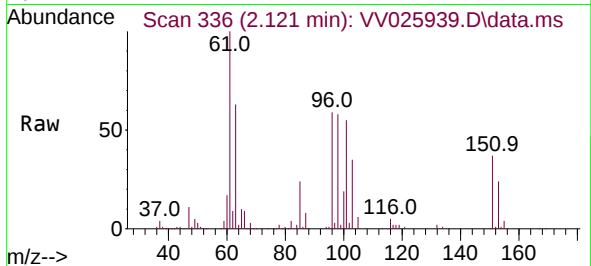




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.508 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: VV025939.D
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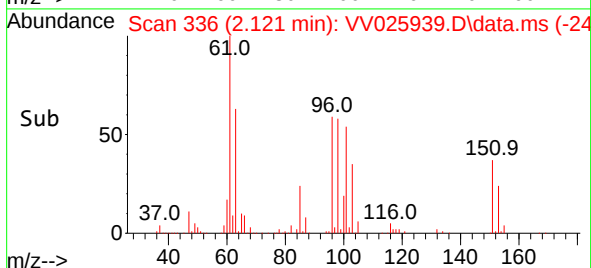
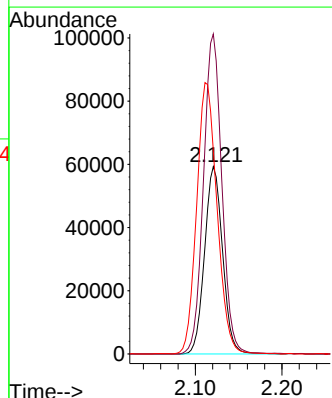
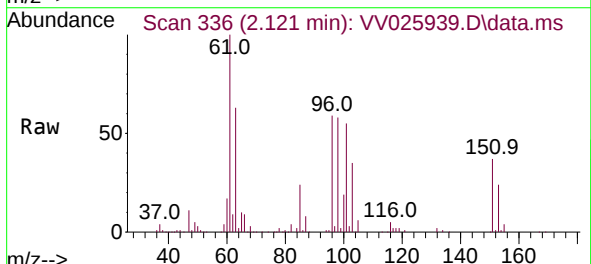
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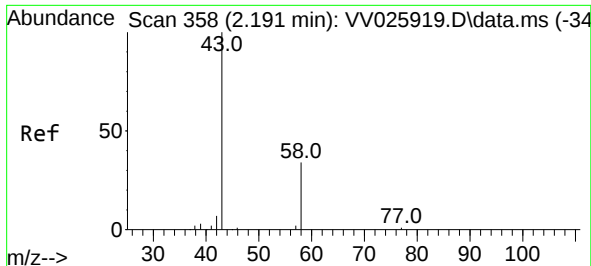
Tgt Ion:101 Resp: 91748
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.7 53.5
 151 68.3 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 4.331 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

Tgt Ion: 96 Resp: 85481
 Ion Ratio Lower Upper
 96 100
 61 170.8 119.8 222.6
 63 108.4 78.3 145.3





#13

Acetone

Concen: 30.136 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

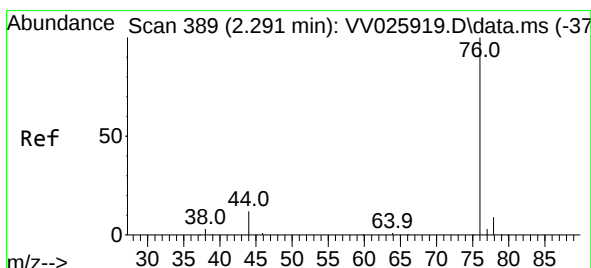
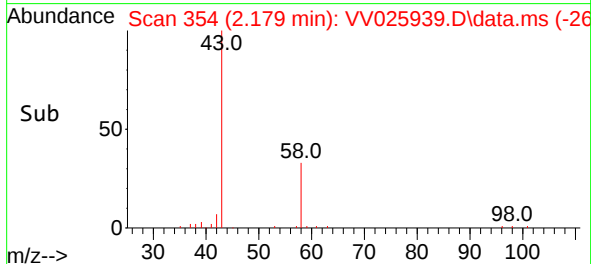
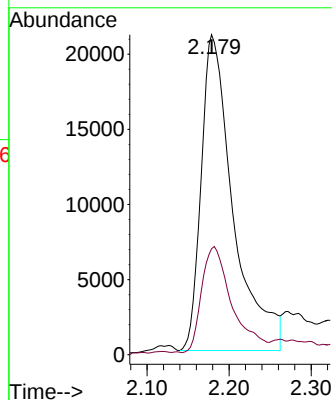
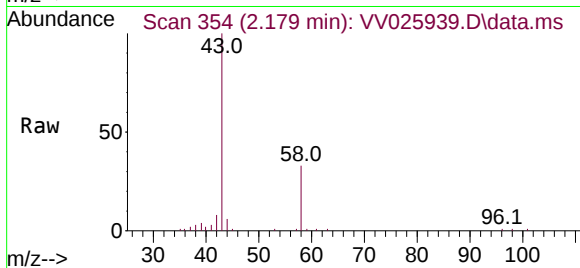
VSTD005293

Tgt Ion: 43 Resp: 57072

Ion Ratio Lower Upper

43 100

58 32.2 0.0 44.6



#14

Carbon disulfide

Concen: 4.032 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.007 min

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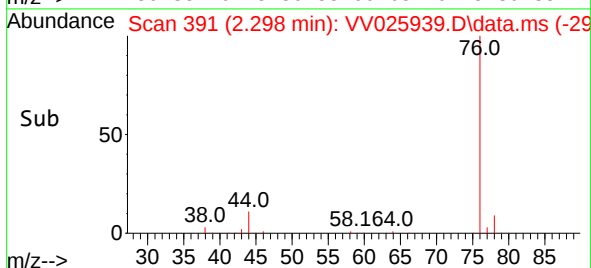
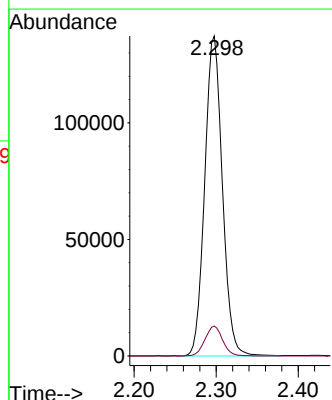
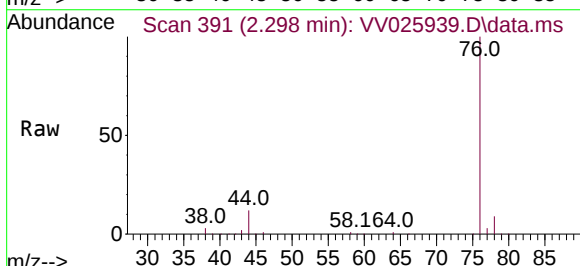
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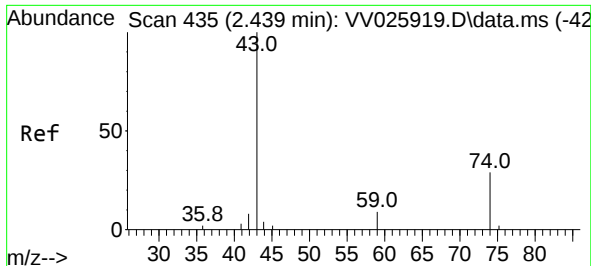
Tgt Ion: 76 Resp: 205023

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

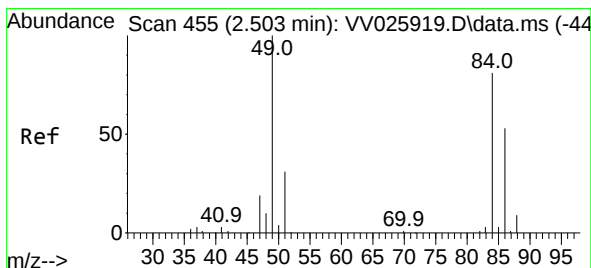
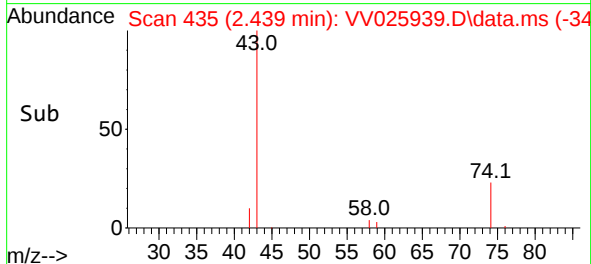
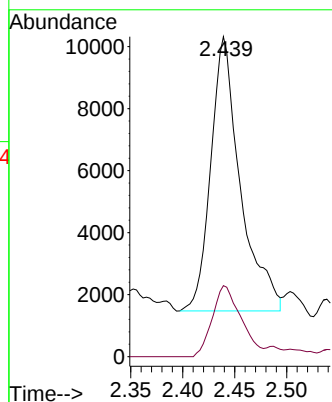
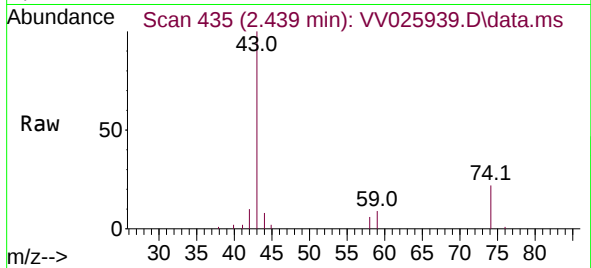




#15
Methyl Acetate
Concen: 4.054 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

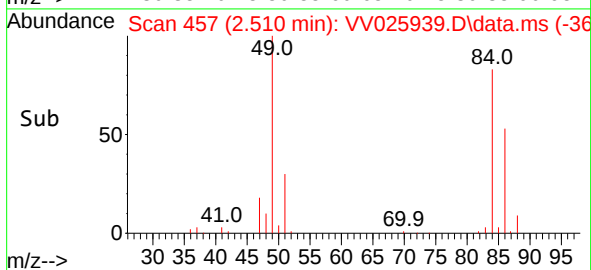
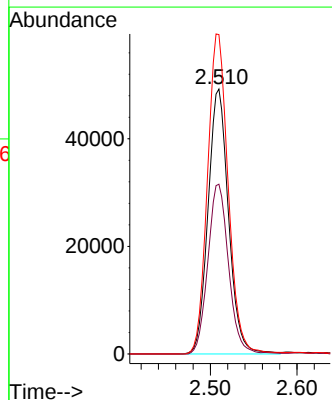
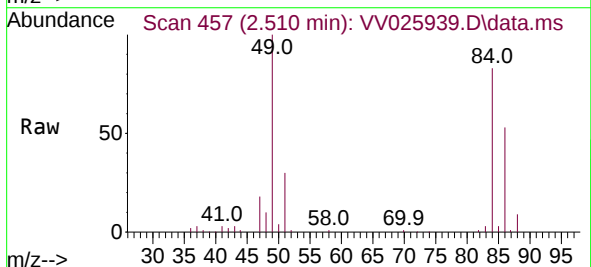
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

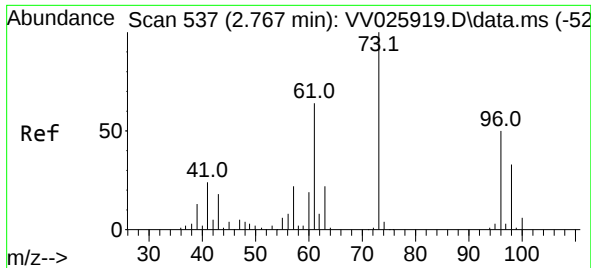
Tgt Ion: 43 Resp: 17491
Ion Ratio Lower Upper
43 100
74 25.2 23.3 34.9



#16
Methylene chloride
Concen: 4.038 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 84 Resp: 80915
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.2
49 120.5 85.6 159.0

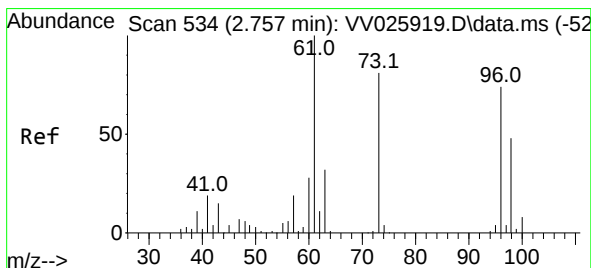
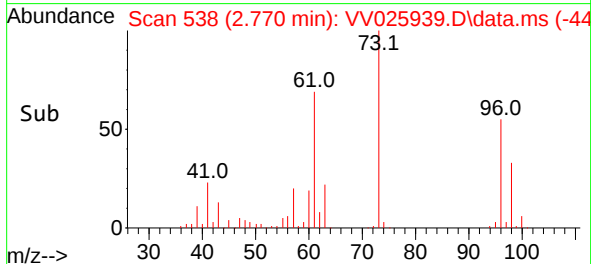
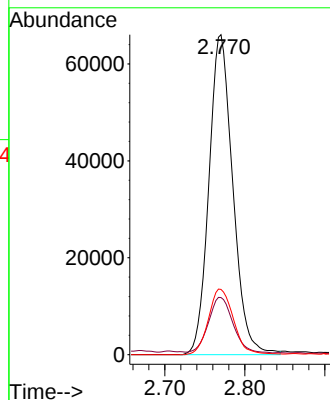
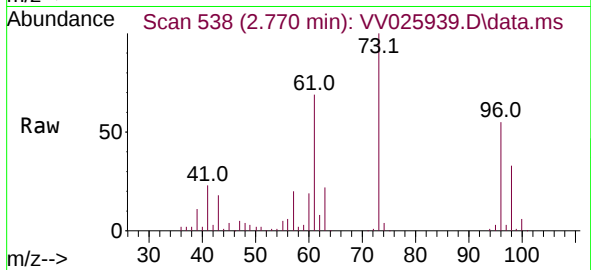




#17
Methyl tert-butyl Ether
Concen: 4.356 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

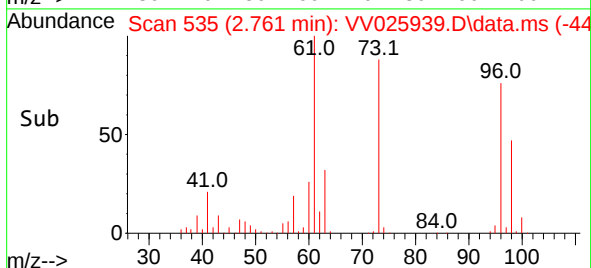
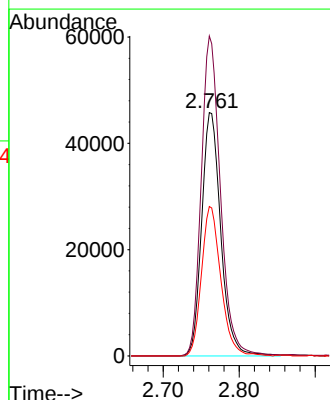
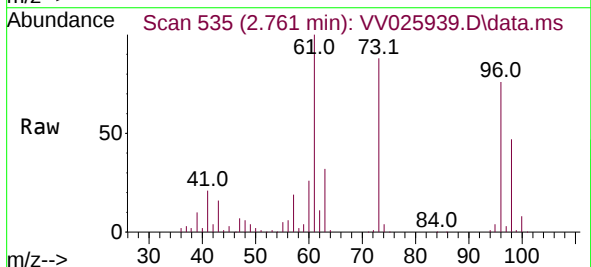
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

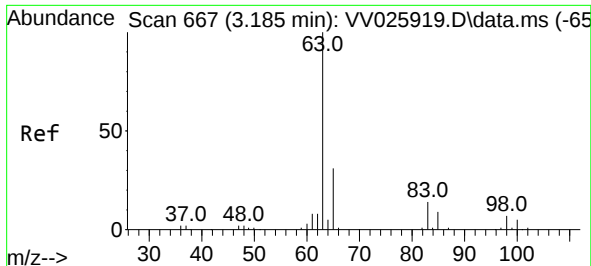
Tgt Ion: 73 Resp: 137179
Ion Ratio Lower Upper
73 100
43 17.9 14.6 22.0
57 21.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.643 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 96 Resp: 79925
Ion Ratio Lower Upper
96 100
61 131.5 93.6 173.8
98 61.5 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.575 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293

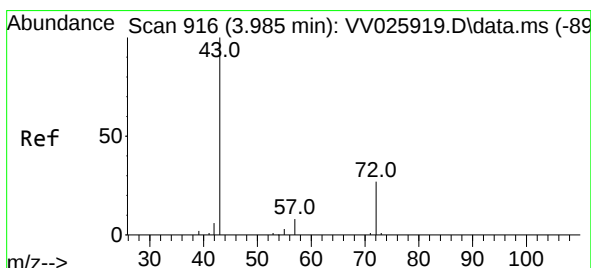
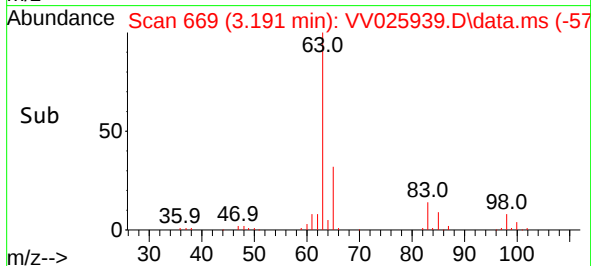
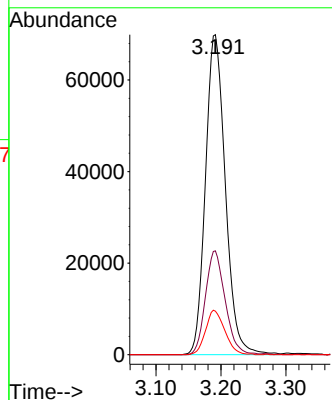
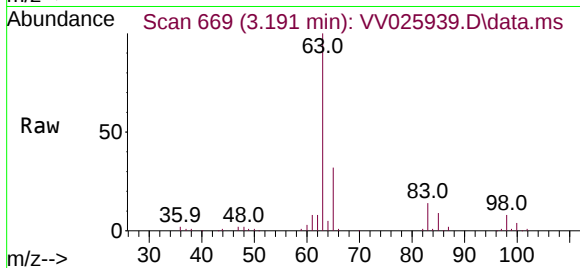
Tgt Ion: 63 Resp: 149077

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.6 10.0 18.6



#21

2-Butanone

Concen: 33.298 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.010 min

Lab File: VV025939.D

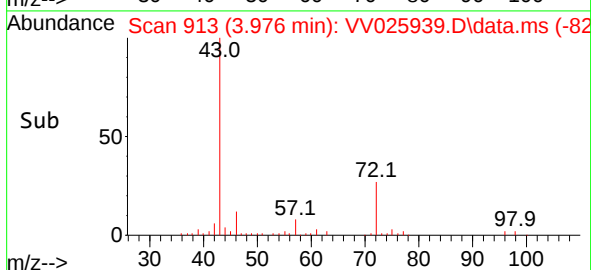
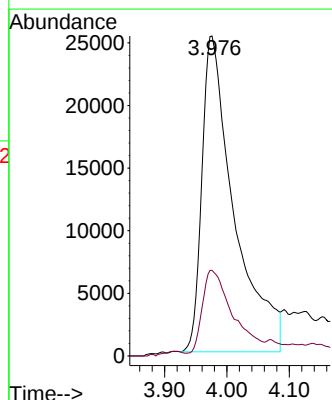
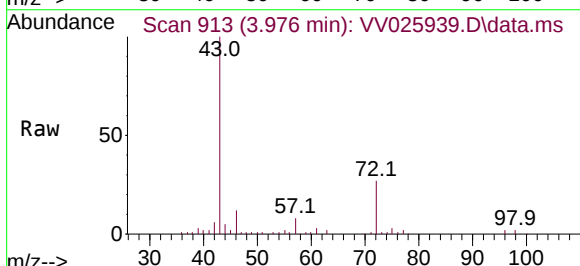
Acq: 20 May 2022 10:25

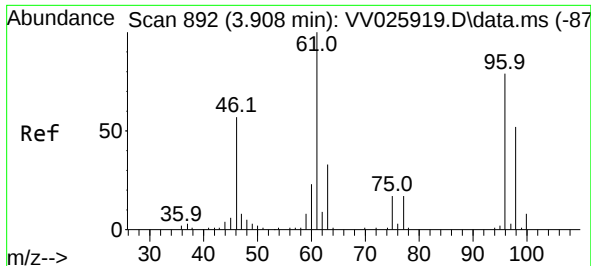
Tgt Ion: 43 Resp: 90558

Ion Ratio Lower Upper

43 100

72 24.7 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 4.511 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293

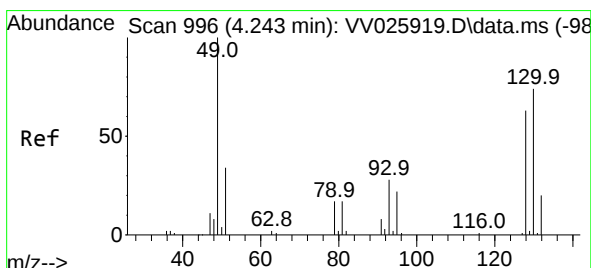
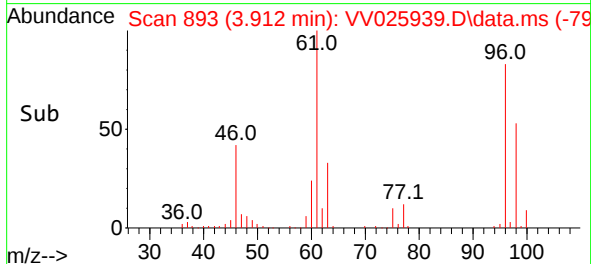
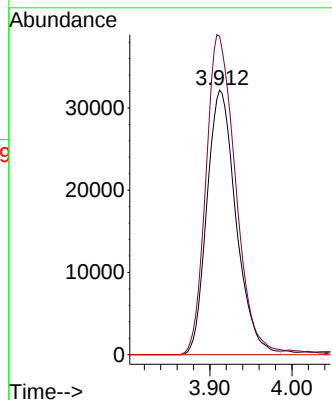
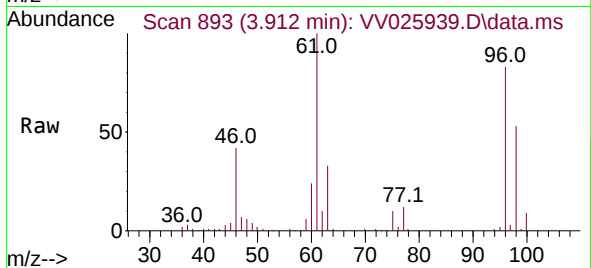
Tgt Ion: 96 Resp: 79329

Ion Ratio Lower Upper

96 100

61 120.3 88.9 165.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.504 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.007 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Tgt Ion:128 Resp: 33502

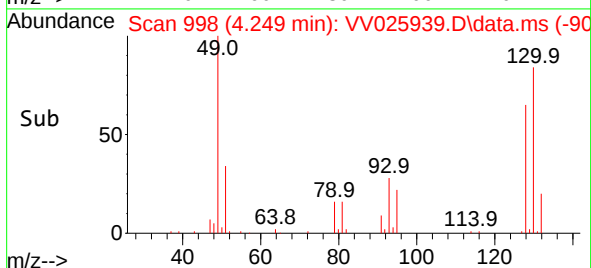
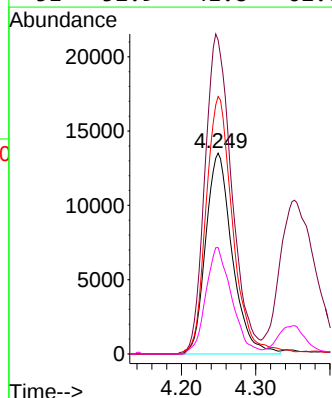
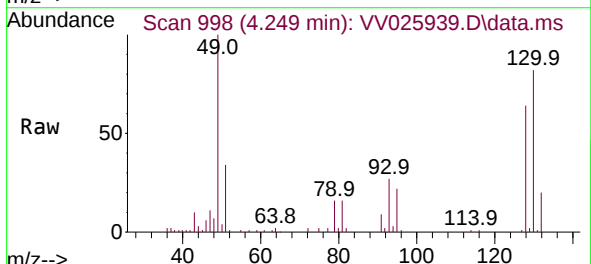
Ion Ratio Lower Upper

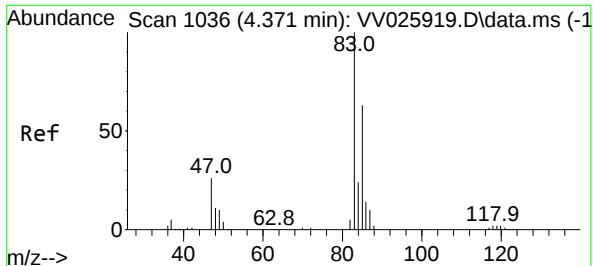
128 100

49 156.3 121.0 224.8

130 128.2 90.8 168.6

51 52.9 41.8 62.6





#25

Chloroform

Concen: 4.653 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

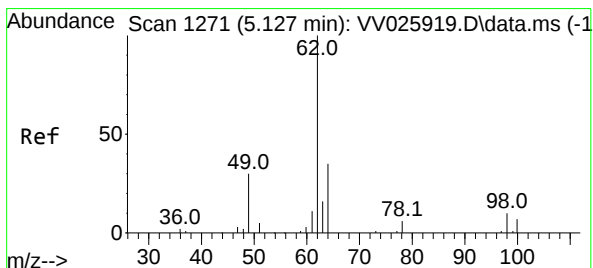
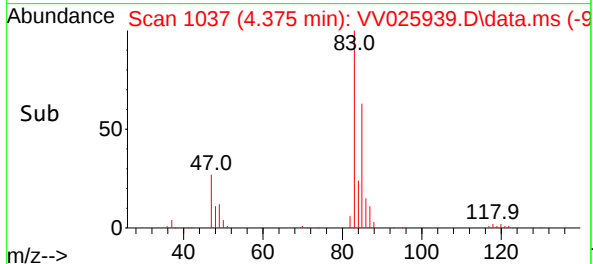
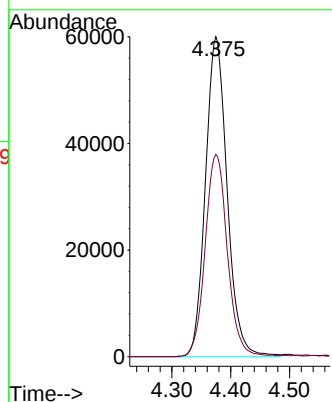
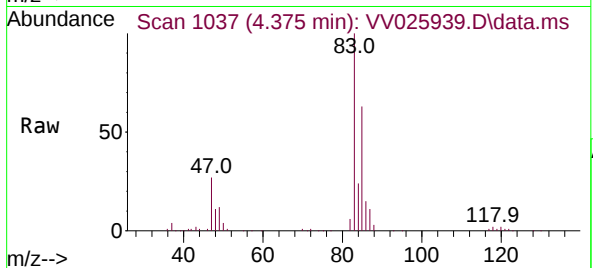
VSTD005293

Tgt Ion: 83 Resp: 153702

Ion Ratio Lower Upper

83 100

85 63.2 46.1 85.7



#27

1,2-Dichloroethane

Concen: 4.373 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025939.D

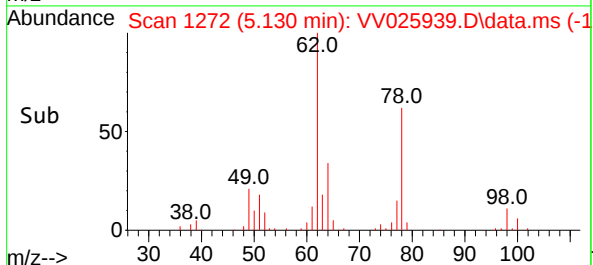
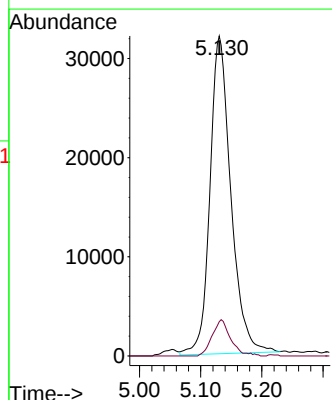
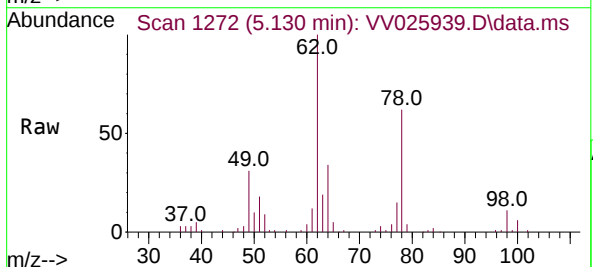
Acq: 20 May 2022 10:25

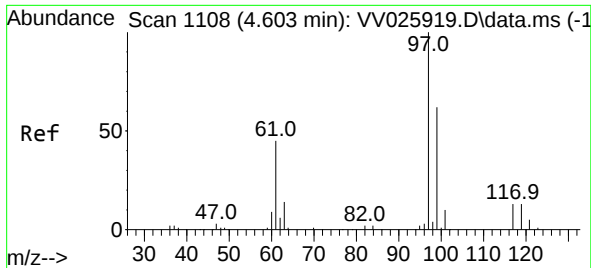
Tgt Ion: 62 Resp: 76133

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9

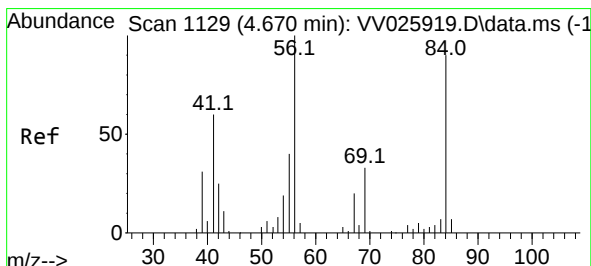
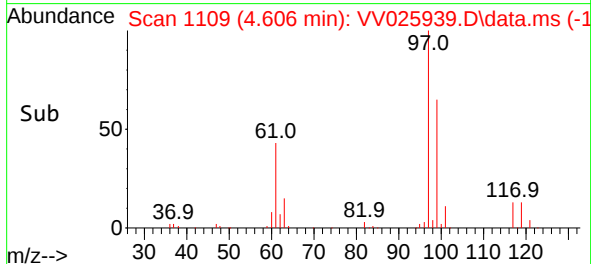
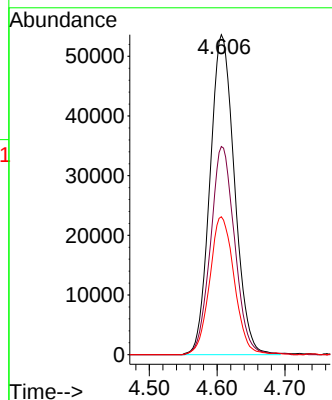
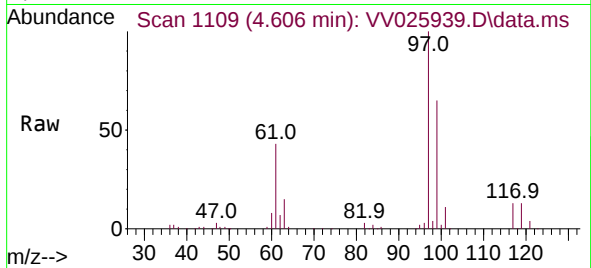




#29
1,1,1-Trichloroethane
Concen: 4.690 ug/L
RT: 4.606 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

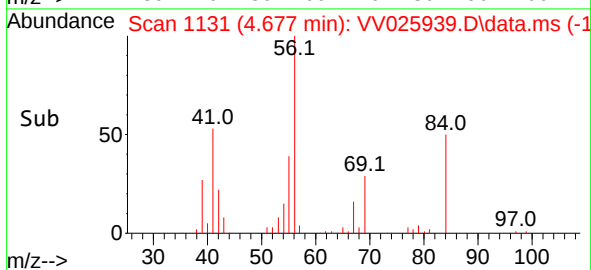
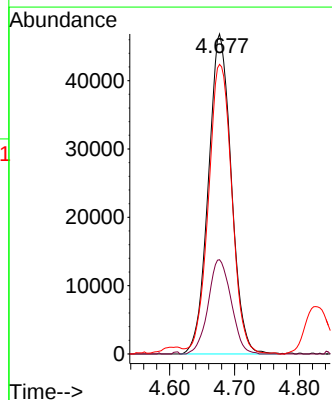
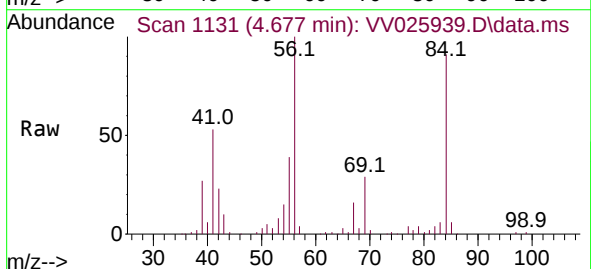
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

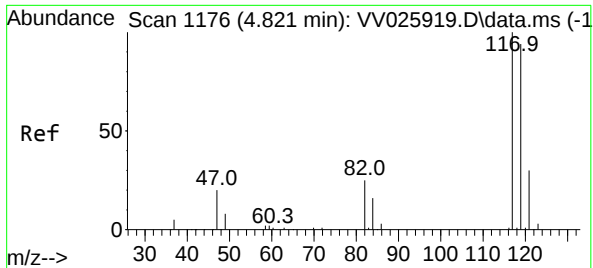
Tgt Ion: 97 Resp: 134675
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 43.3 36.3 54.5



#30
Cyclohexane
Concen: 4.491 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.007 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 56 Resp: 114839
Ion Ratio Lower Upper
56 100
69 29.5 24.6 37.0
84 91.7 75.0 112.4

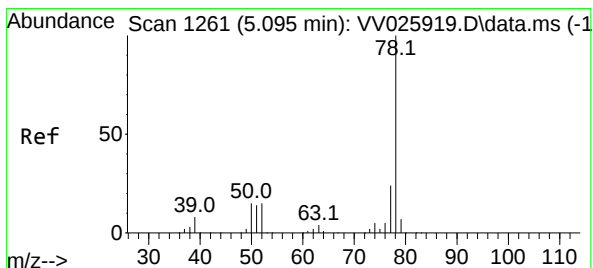
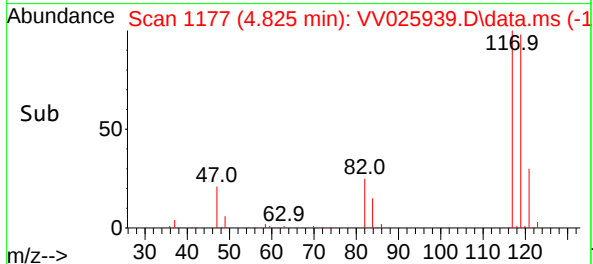
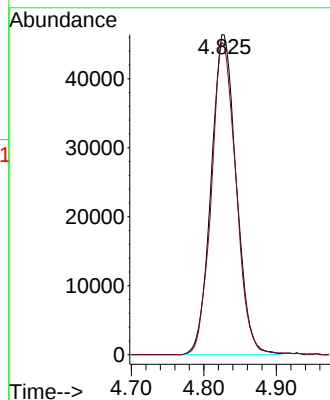
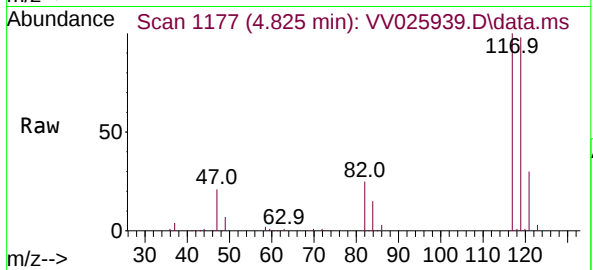




#31
Carbon tetrachloride
Concen: 4.589 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

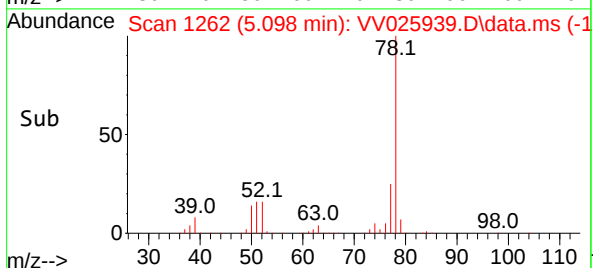
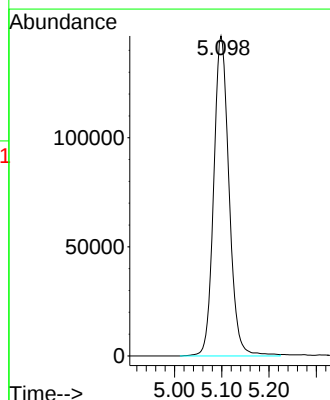
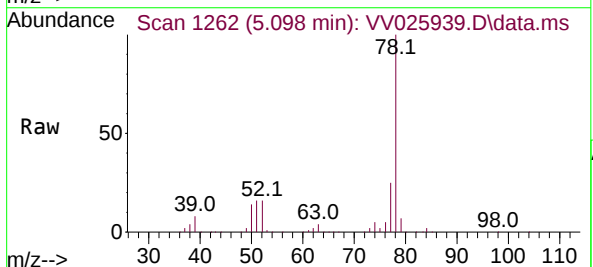
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

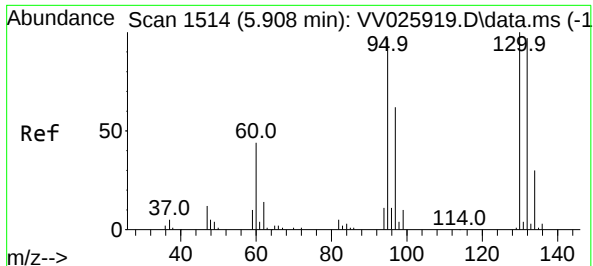
Tgt Ion:117 Resp: 111524
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6



#33
Benzene
Concen: 4.644 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 78 Resp: 331210

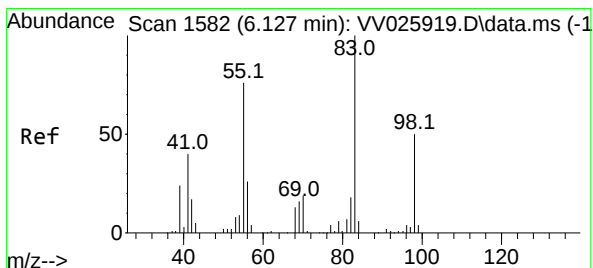
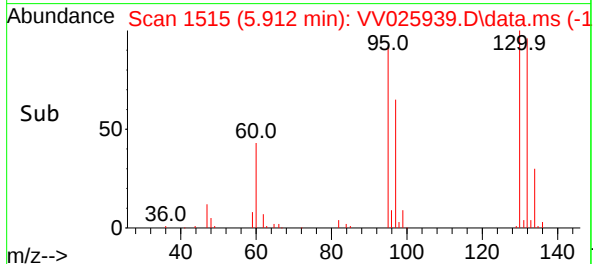
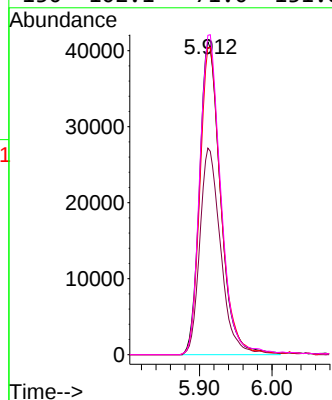
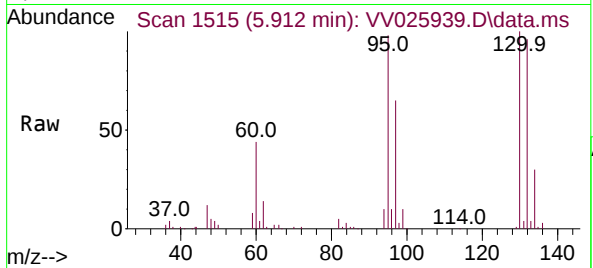




#34
Trichloroethene
Concen: 4.529 ug/L
RT: 5.912 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

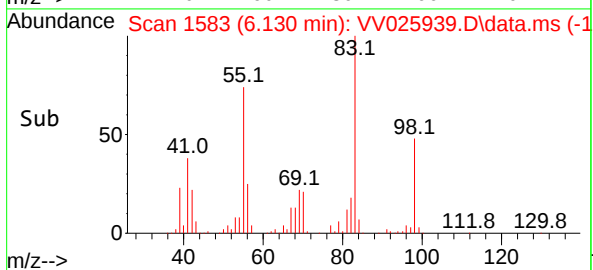
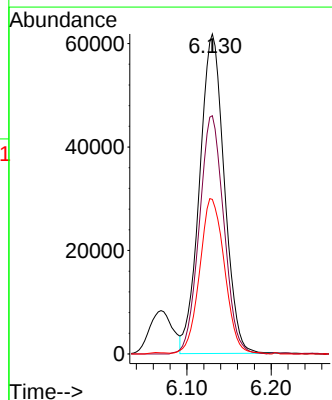
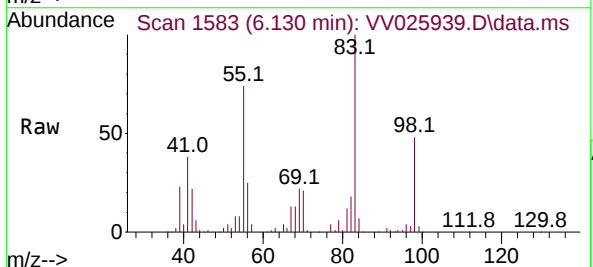
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

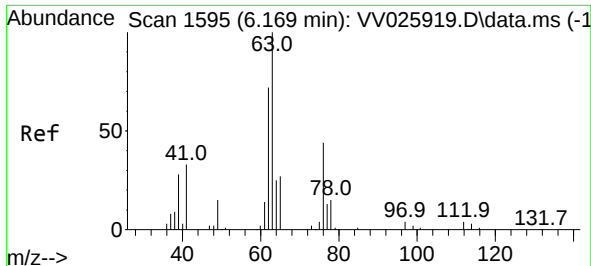
Tgt Ion: 95 Resp: 82479
Ion Ratio Lower Upper
95 100
97 66.0 44.9 83.3
132 98.2 67.6 125.6
130 102.1 71.0 131.8



#35
Methylcyclohexane
Concen: 4.504 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 83 Resp: 125958
Ion Ratio Lower Upper
83 100
55 74.3 60.1 90.1
98 49.1 40.6 61.0





#37

1,2-Dichloropropane

Concen: 4.783 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

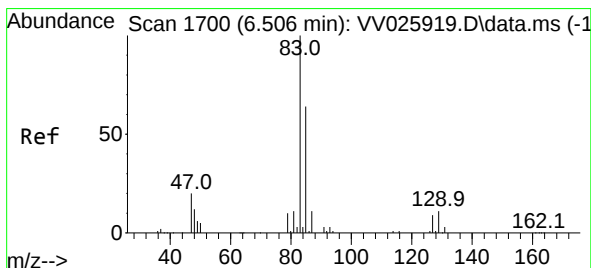
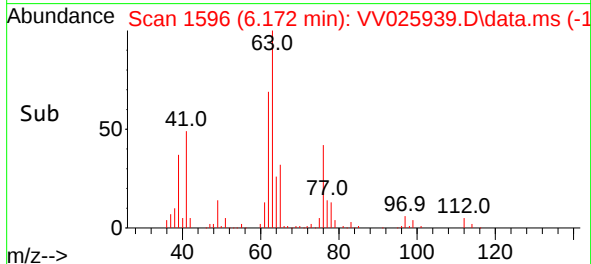
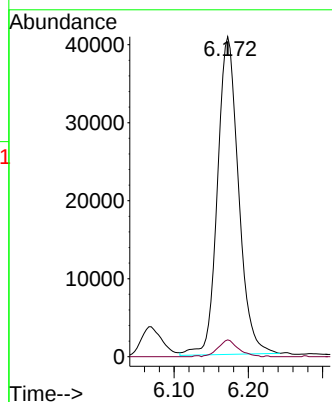
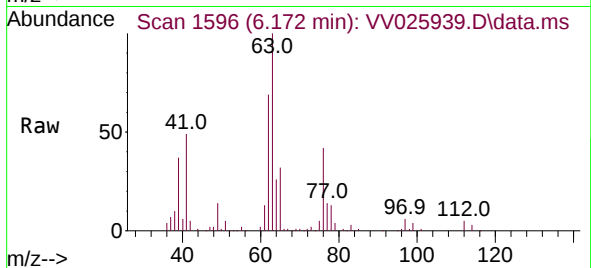
VSTD005293

Tgt Ion: 63 Resp: 80457

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 4.613 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

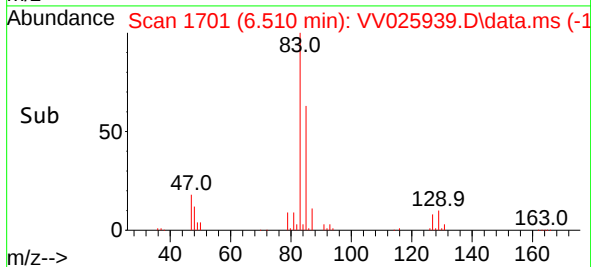
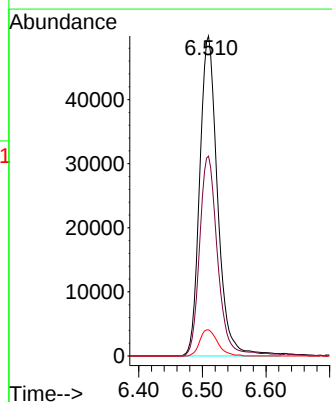
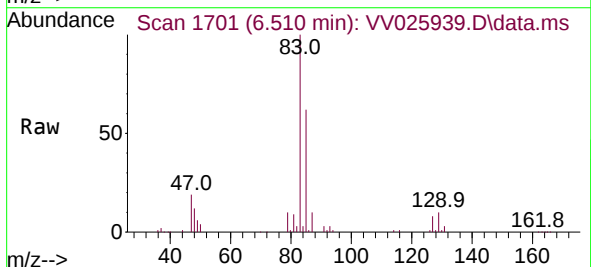
Tgt Ion: 83 Resp: 97529

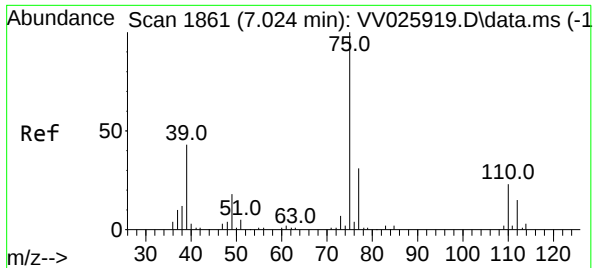
Ion Ratio Lower Upper

83 100

85 62.5 46.1 85.5

127 8.2 6.5 9.7

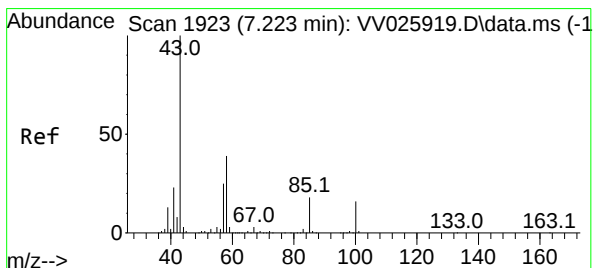
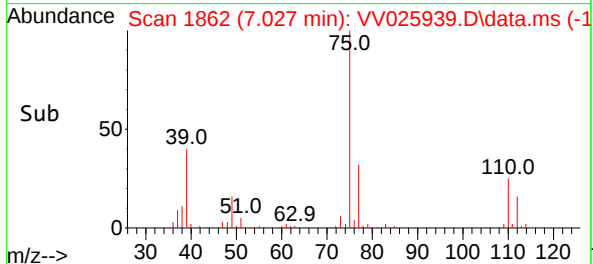
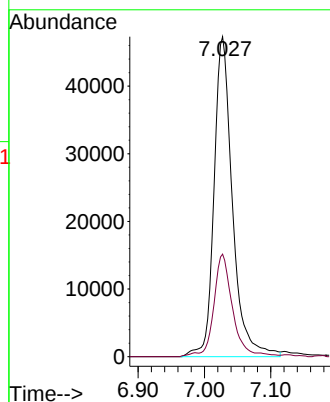
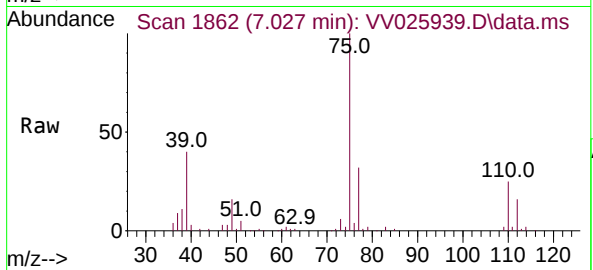




#39
 cis-1,3-Dichloropropene
 Concen: 4.209 ug/L
 RT: 7.027 min Scan# 1861
 Delta R.T. 0.003 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

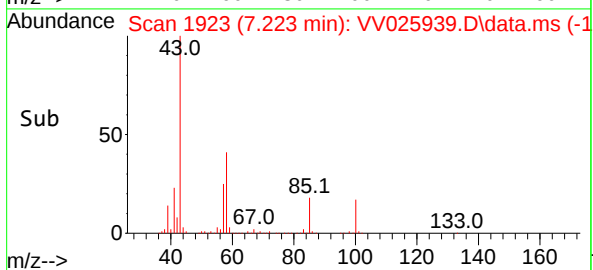
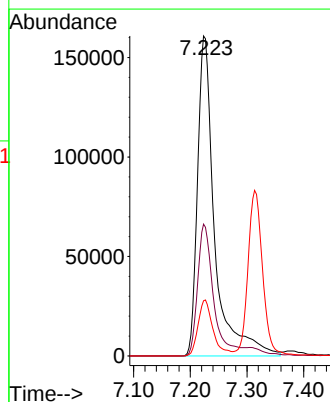
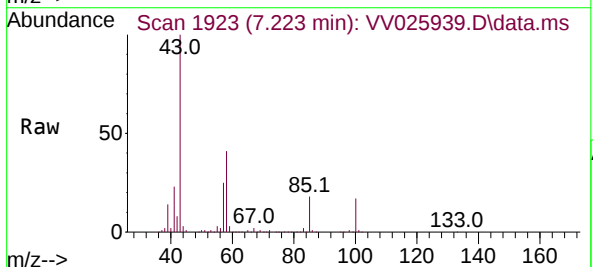
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

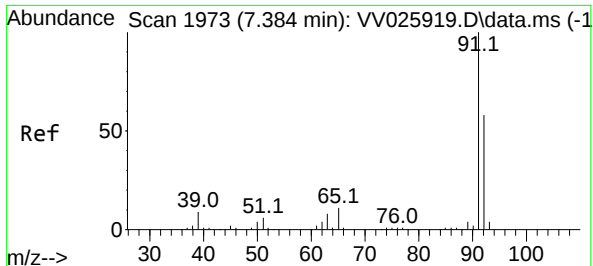
Tgt Ion: 75 Resp: 91400
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 43.415 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

Tgt Ion: 43 Resp: 337825
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.6 47.4
 100 15.4 12.2 18.4





#42

Toluene

Concen: 4.812 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

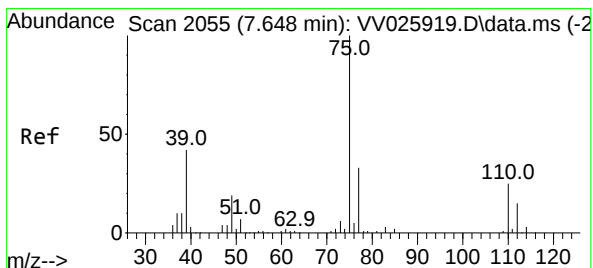
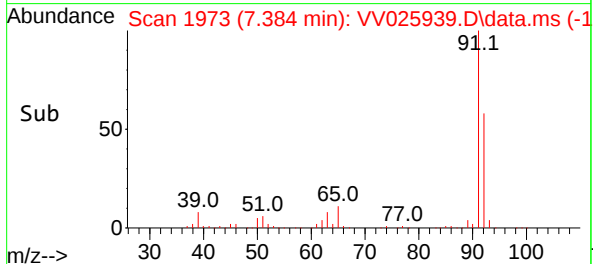
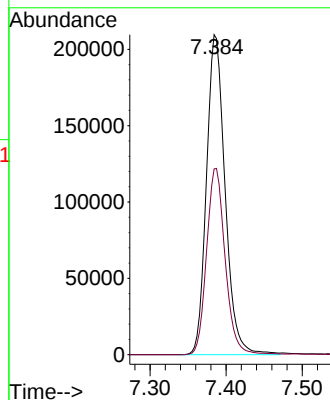
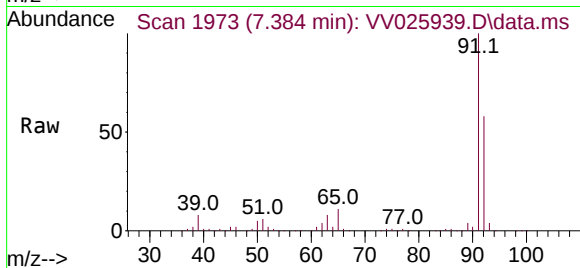
VSTD005293

Tgt Ion: 91 Resp: 357227

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.213 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025939.D

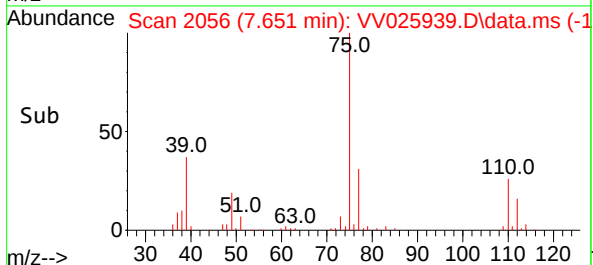
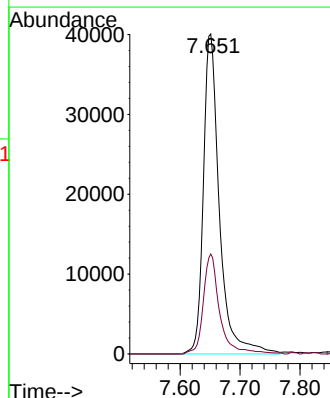
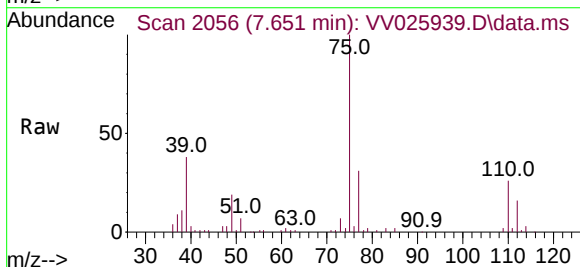
Acq: 20 May 2022 10:25

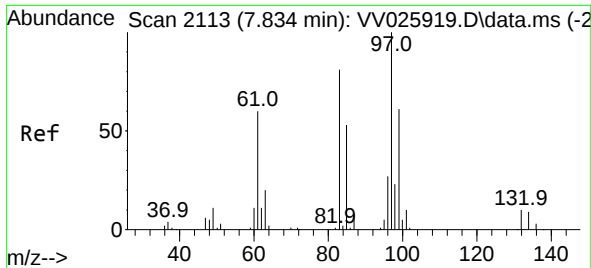
Tgt Ion: 75 Resp: 74619

Ion Ratio Lower Upper

75 100

77 31.2 23.1 42.9

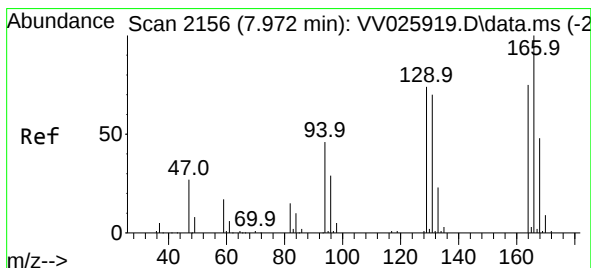
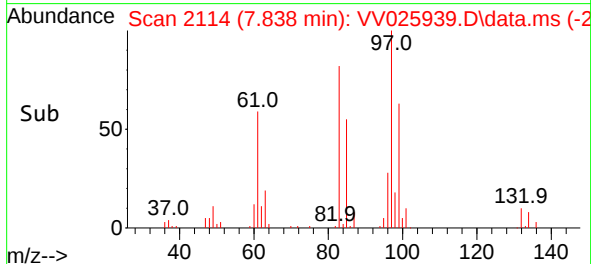
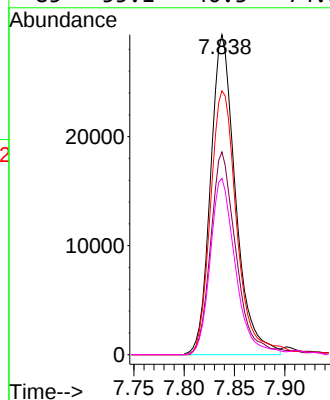
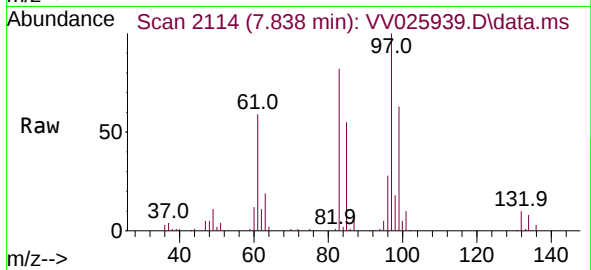




#45
1,1,2-Trichloroethane
Concen: 4.401 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

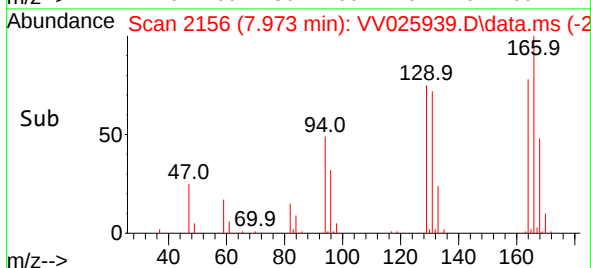
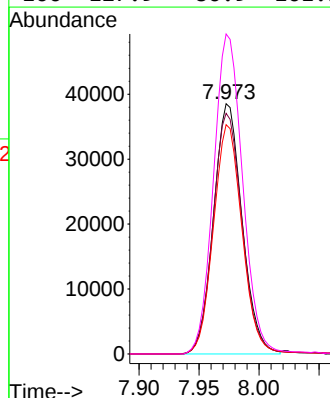
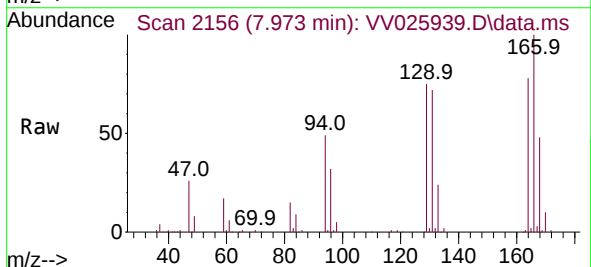
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

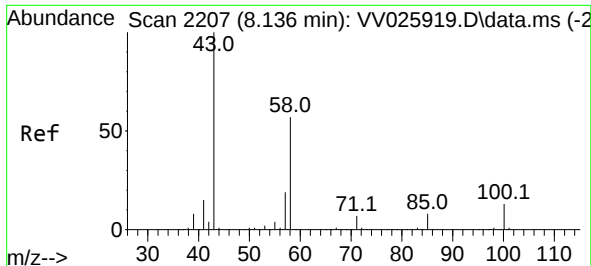
Tgt Ion: 97	Resp: 50823
Ion Ratio	Lower Upper
97 100	
99 63.4	44.8 83.2
83 82.4	65.7 121.9
85 55.1	40.3 74.8



#47
Tetrachloroethene
Concen: 4.518 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt	Ion:164	Resp:	63762
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.5	125.4
131	91.6	63.8	118.4
166	127.9	86.9	161.3

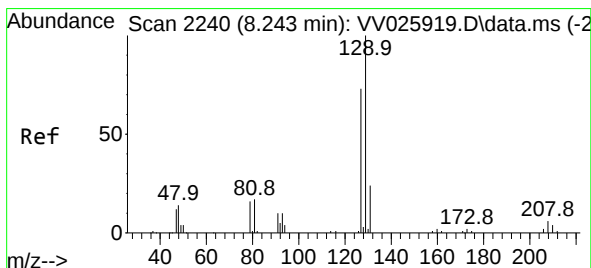
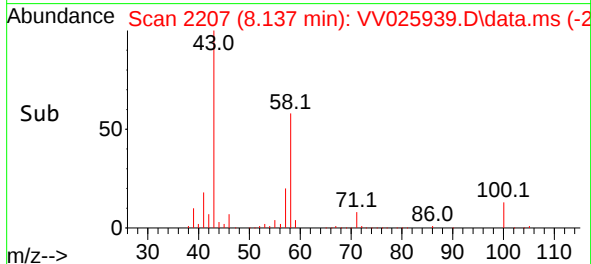
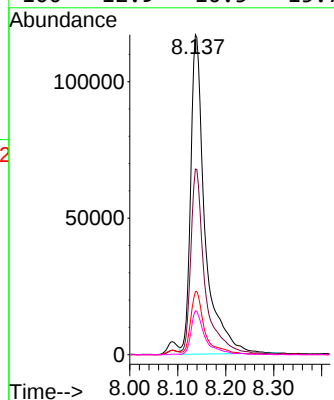
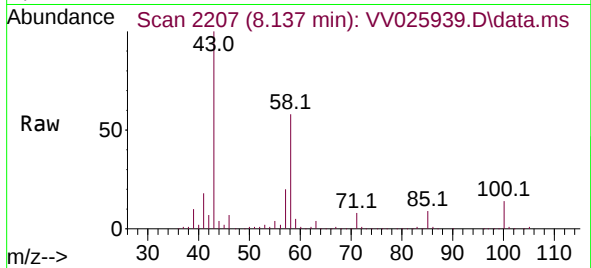




#48
2-Hexanone
Concen: 44.232 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

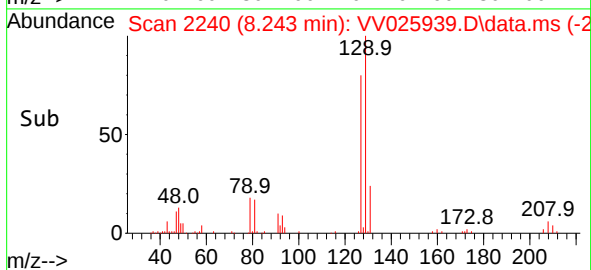
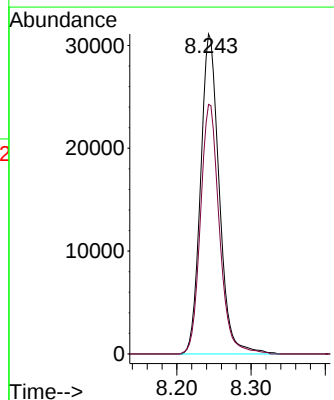
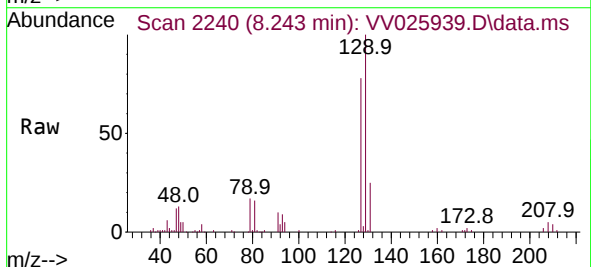
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

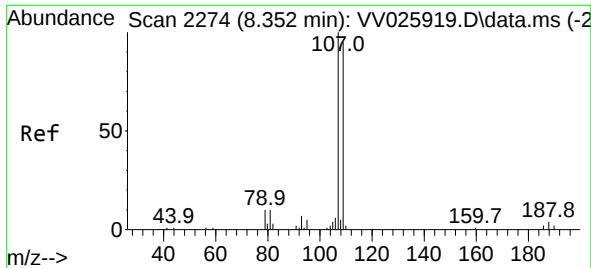
Tgt Ion: 43 Resp: 243314
Ion Ratio Lower Upper
43 100
58 56.2 44.7 67.1
57 19.1 14.9 22.3
100 12.9 10.5 15.7



#49
Dibromochloromethane
Concen: 4.301 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 129 Resp: 54274
Ion Ratio Lower Upper
129 100
127 78.0 54.5 101.1





#50

1,2-Dibromoethane

Concen: 4.505 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

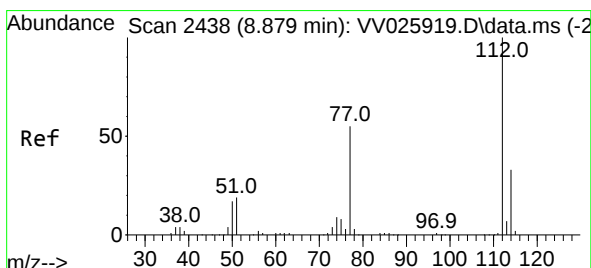
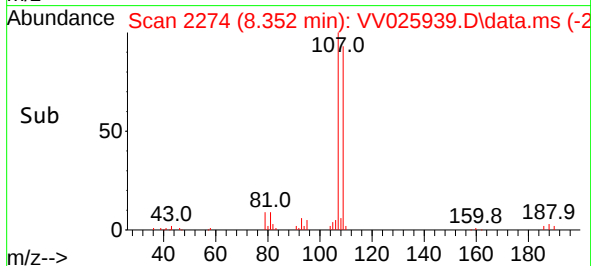
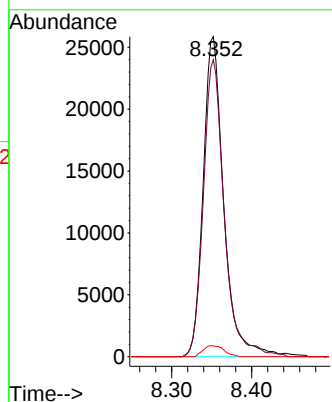
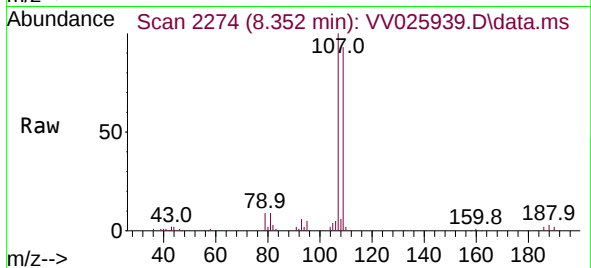
Instrument :

MSVOA_V

ClientSampleId :

VSTD005293

Tgt Ion:107	Resp:	46250
Ion	Ratio	Lower Upper
107	100	
109	92.8	68.1 126.5
188	3.3	2.7 4.1



#51

Chlorobenzene

Concen: 4.646 ug/L

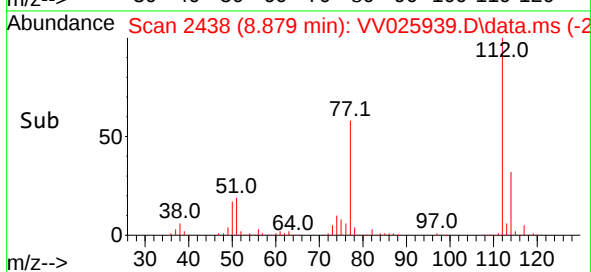
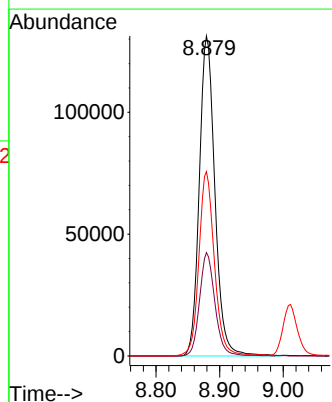
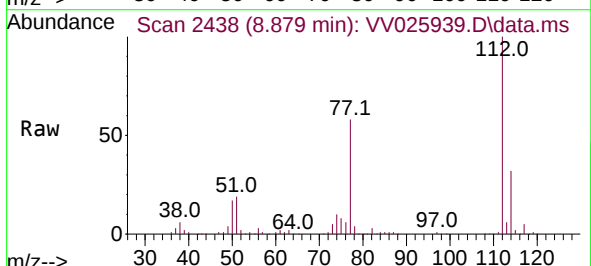
RT: 8.879 min Scan# 2438

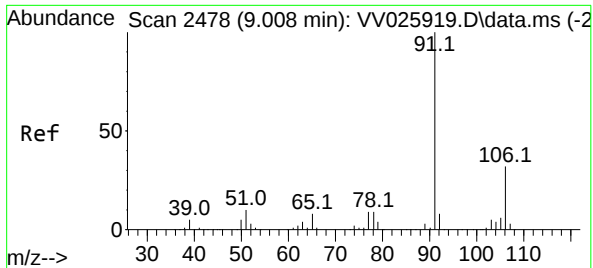
Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Tgt Ion:112	Resp:	223721
Ion	Ratio	Lower Upper
112	100	
114	32.3	22.3 41.3
77	57.6	45.3 67.9





#52

Ethylbenzene

Concen: 4.672 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

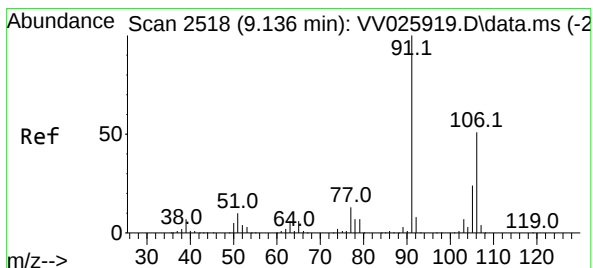
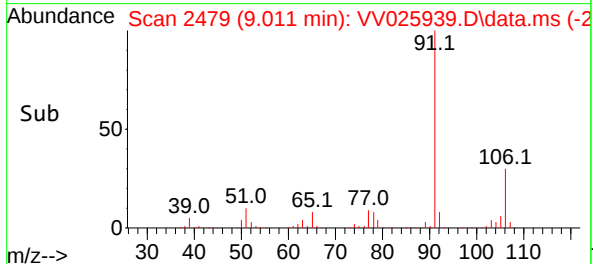
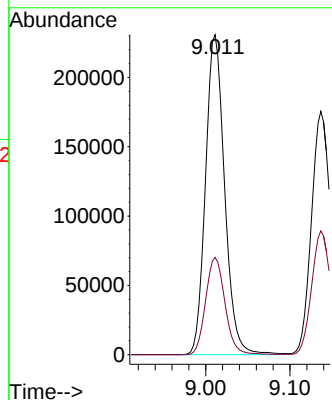
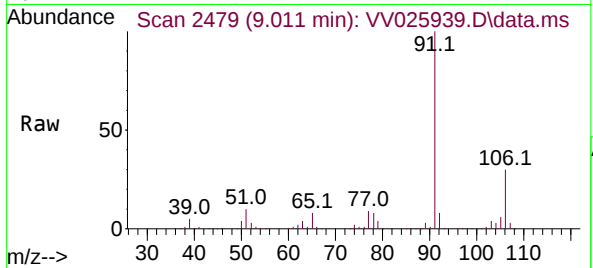
VSTD005293

Tgt Ion: 91 Resp: 364809

Ion Ratio Lower Upper

91 100

106 30.4 21.6 40.0



#53

m,p-Xylene

Concen: 4.786 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025939.D

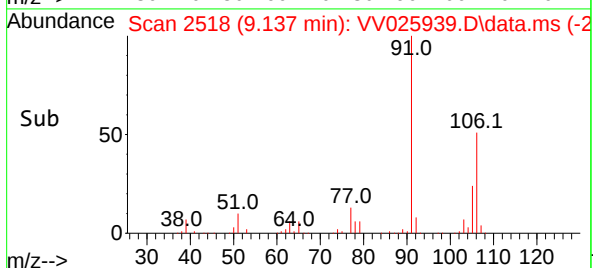
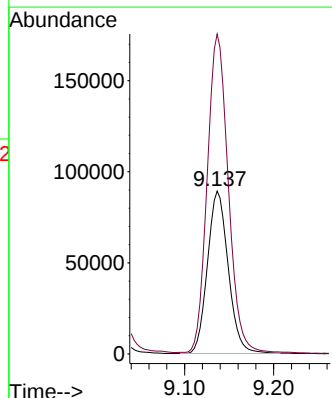
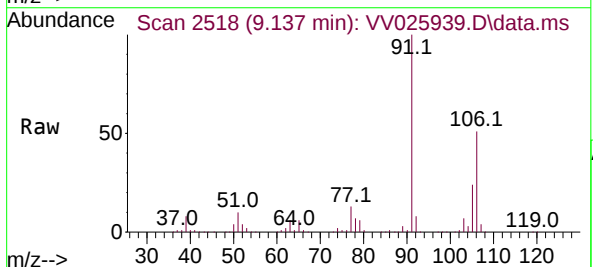
Acq: 20 May 2022 10:25

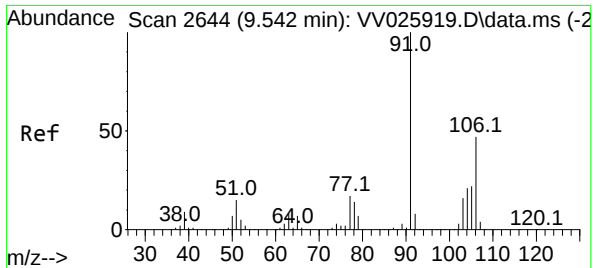
Tgt Ion:106 Resp: 144340

Ion Ratio Lower Upper

106 100

91 196.5 135.3 251.3

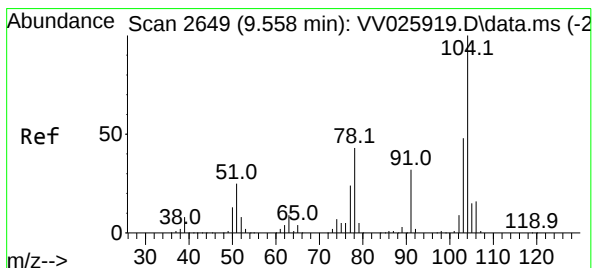
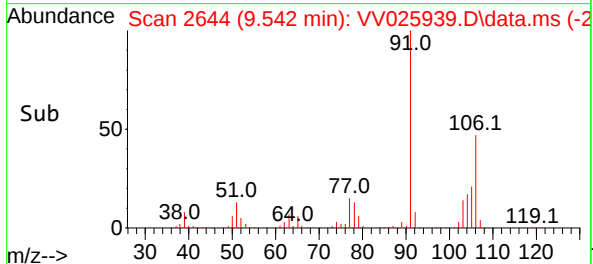
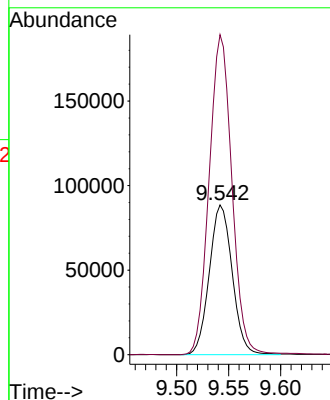
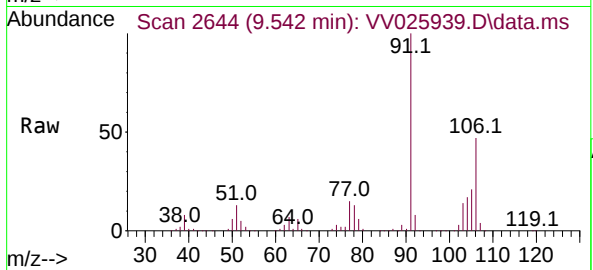




#54
o-Xylene
Concen: 4.734 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

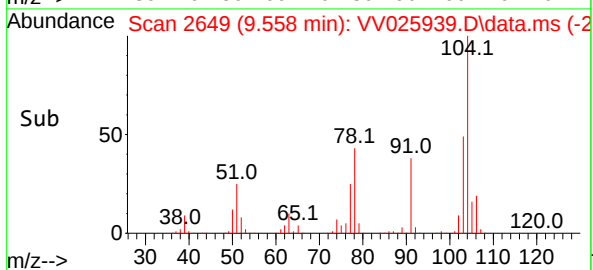
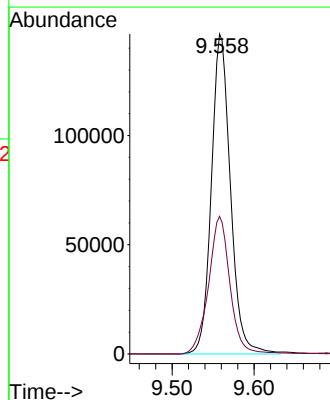
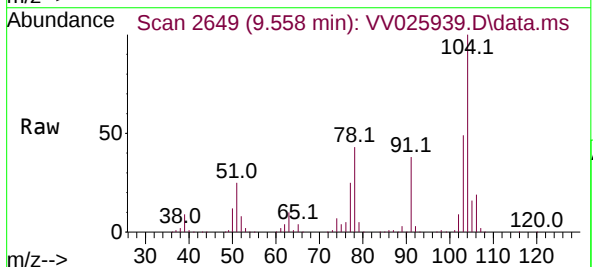
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

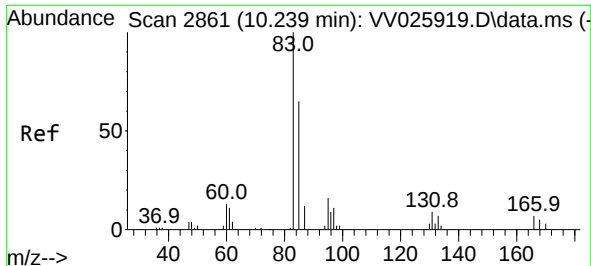
Tgt Ion:106 Resp: 135943
Ion Ratio Lower Upper
106 100
91 213.7 145.1 269.5



#55
Styrene
Concen: 4.909 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion:104 Resp: 236878
Ion Ratio Lower Upper
104 100
78 43.0 30.0 55.8

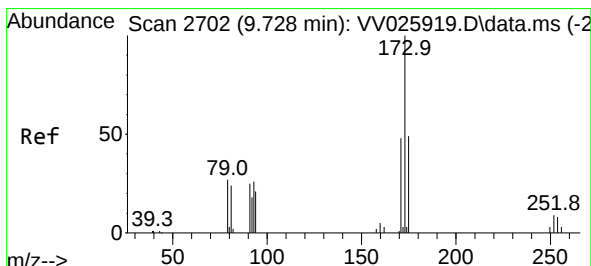
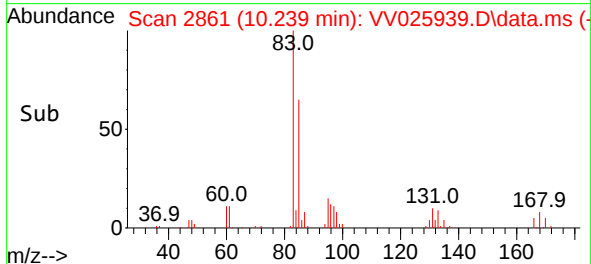
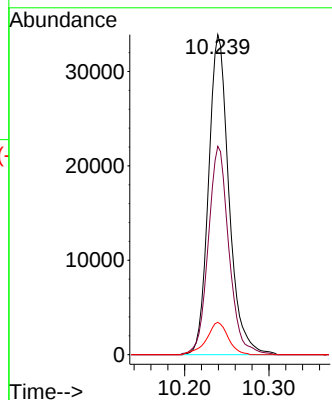
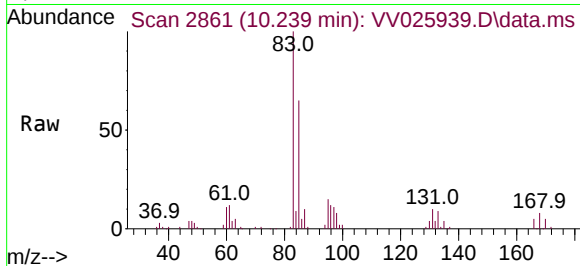




#57
1,1,2,2-Tetrachloroethane
Concen: 4.572 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

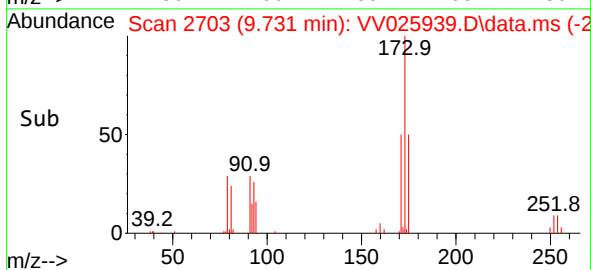
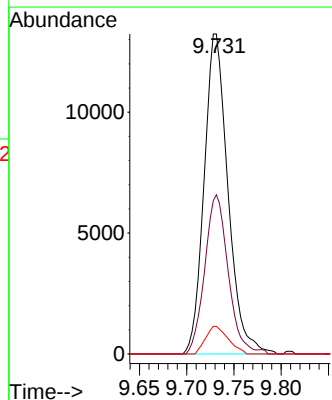
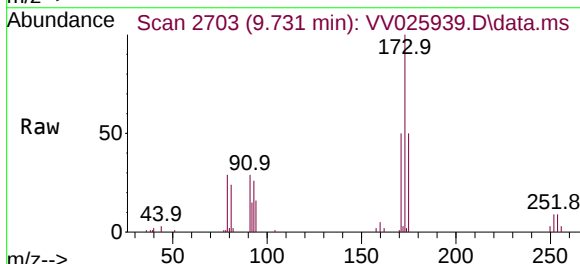
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

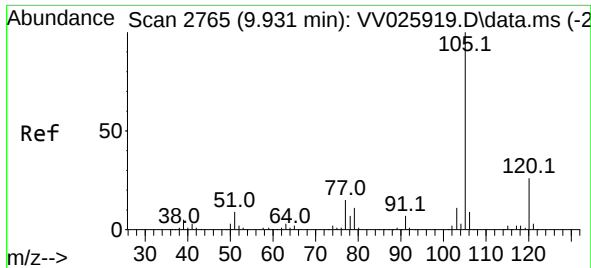
Tgt Ion: 83 Resp: 57040
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
131 10.1 6.7 10.1#



#59
Bromoform
Concen: 3.789 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 173 Resp: 23238
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 8.1 7.0 10.6

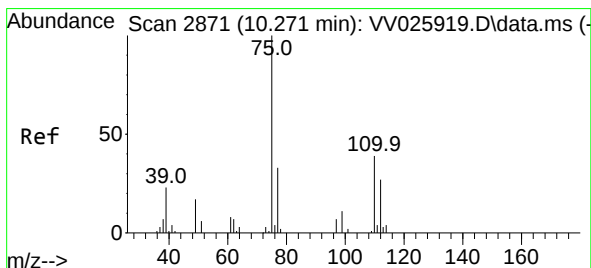
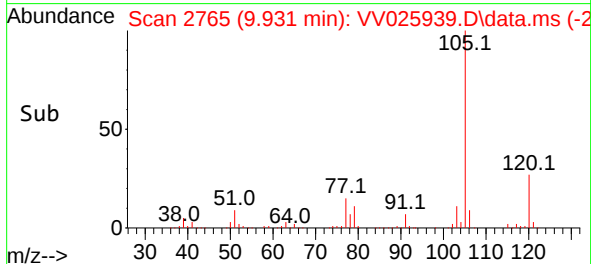
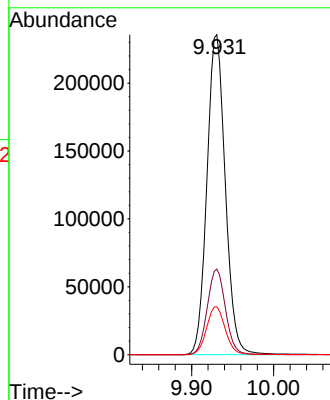
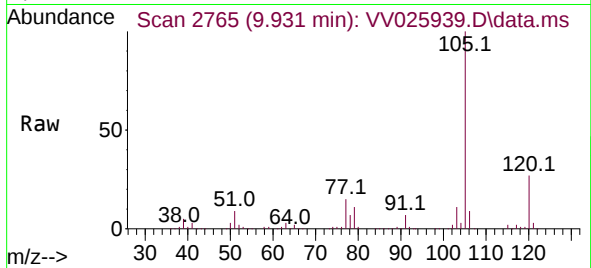




#60
Isopropylbenzene
Concen: 4.633 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

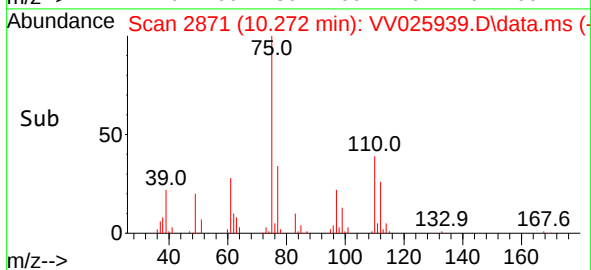
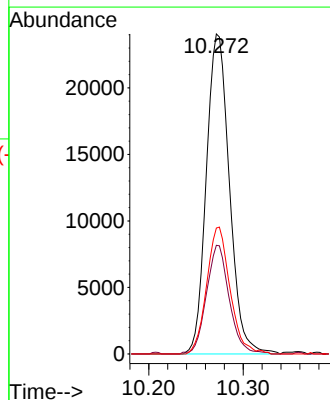
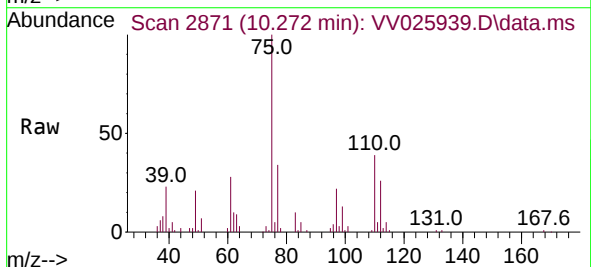
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

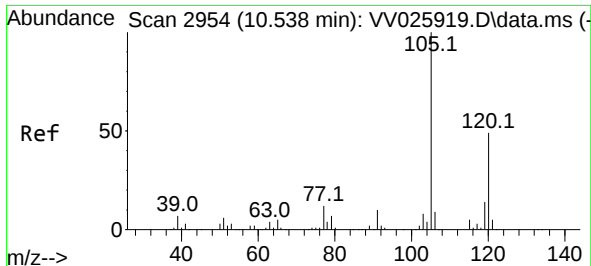
Tgt Ion:105 Resp: 366118
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.148 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 75 Resp: 40832
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2
110 40.1 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 4.465 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

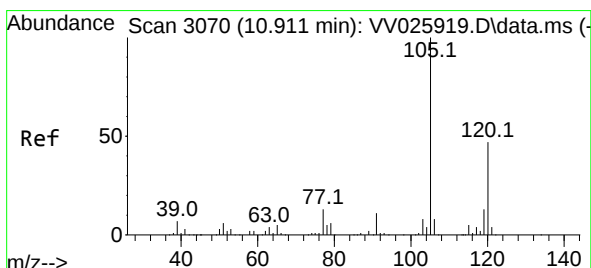
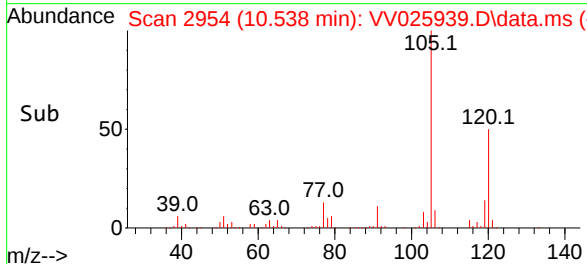
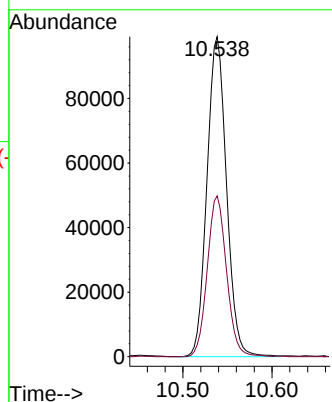
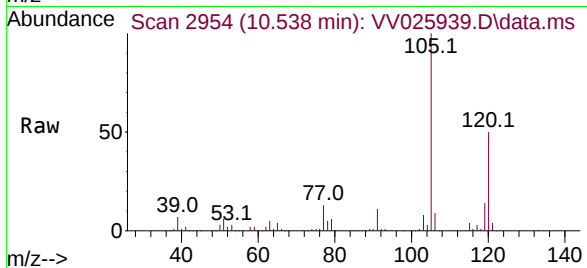
VSTD005293

Tgt Ion:105 Resp: 150694

Ion Ratio Lower Upper

105 100

120 49.5 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 4.600 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025939.D

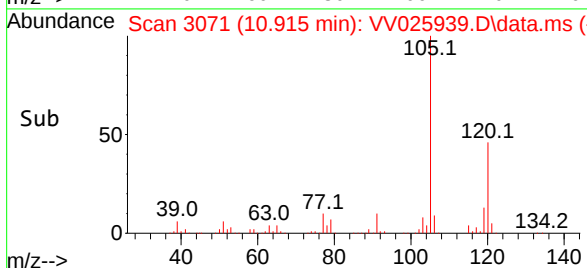
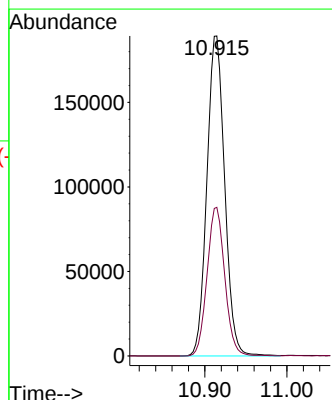
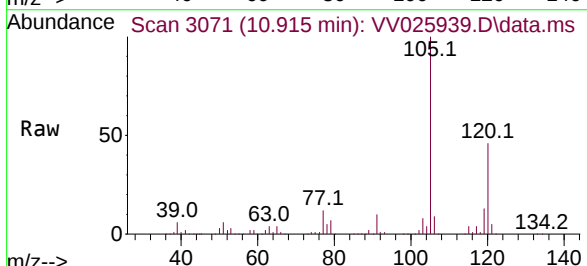
Acq: 20 May 2022 10:25

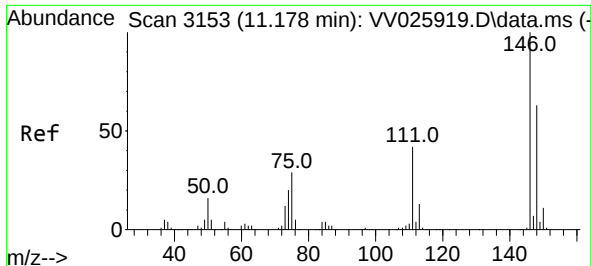
Tgt Ion:105 Resp: 284612

Ion Ratio Lower Upper

105 100

120 46.3 36.8 55.2

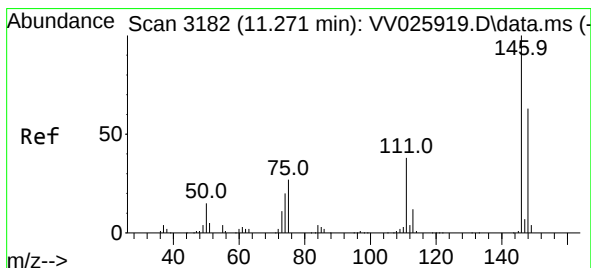
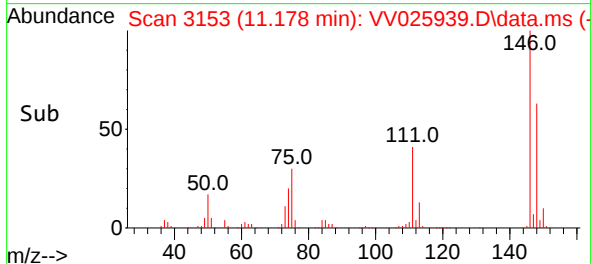
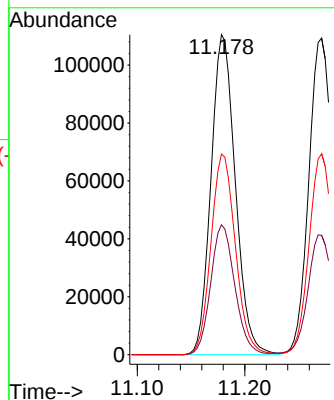
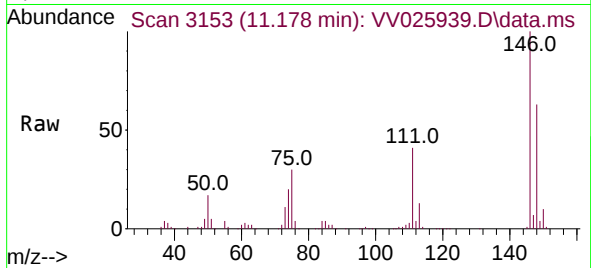




#64
1,3-Dichlorobenzene
Concen: 4.655 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

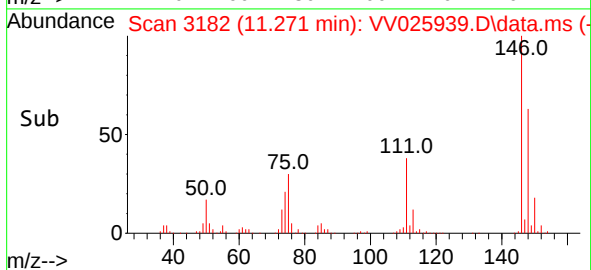
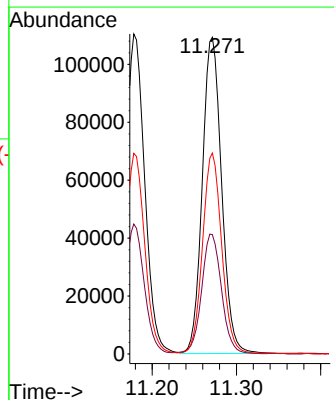
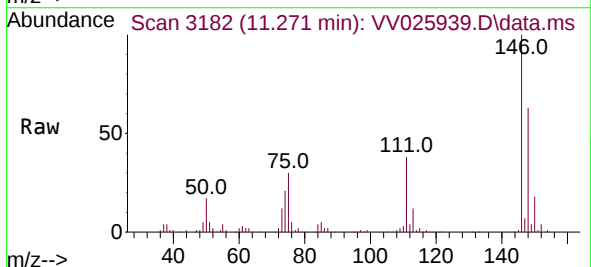
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

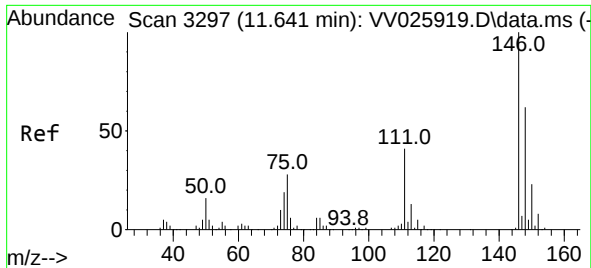
Tgt Ion:146 Resp: 174041
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 62.7 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 4.585 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion:146 Resp: 174510
Ion Ratio Lower Upper
146 100
111 37.7 27.5 51.1
148 63.5 44.7 82.9

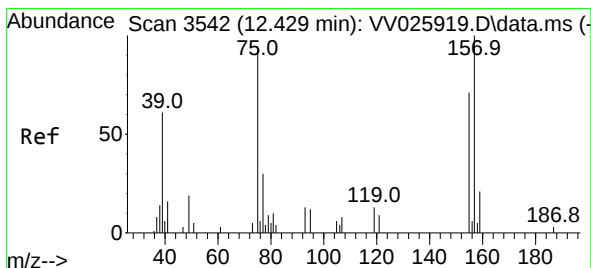
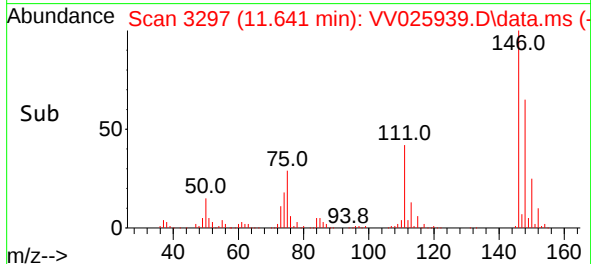
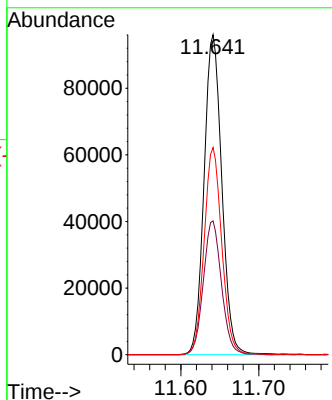
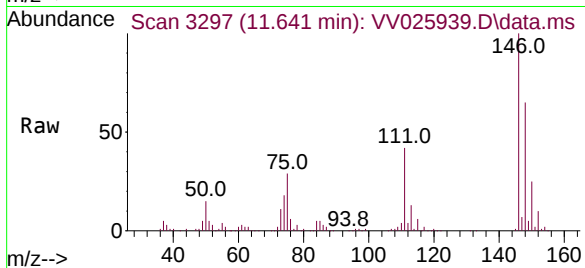




#67
1,2-Dichlorobenzene
Concen: 4.531 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

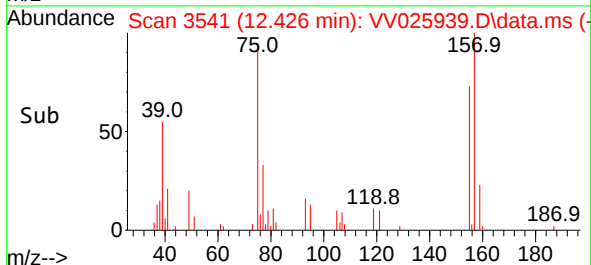
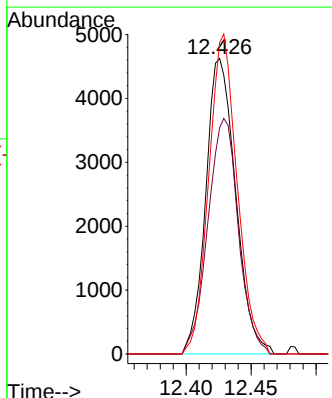
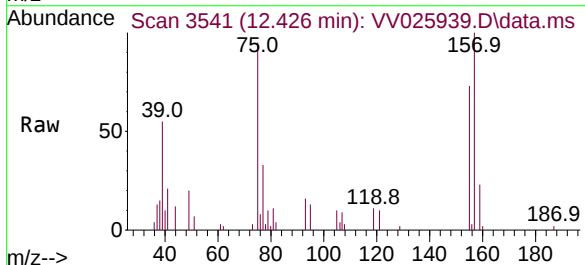
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

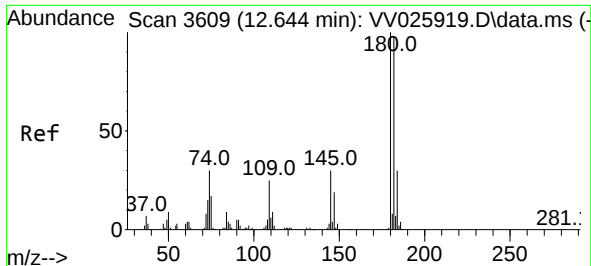
Tgt Ion:146 Resp: 152221
Ion Ratio Lower Upper
146 100
111 41.8 33.6 50.4
148 64.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.887 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025939.D
Acq: 20 May 2022 10:25

Tgt Ion: 75 Resp: 7411
Ion Ratio Lower Upper
75 100
155 76.6 59.6 89.4
157 105.4 85.3 127.9

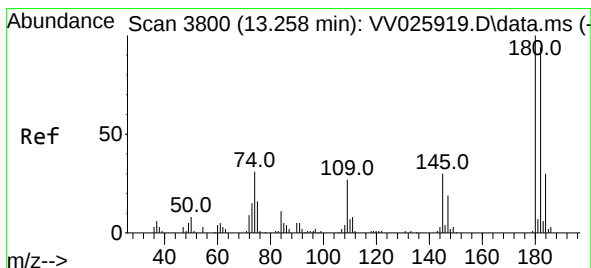
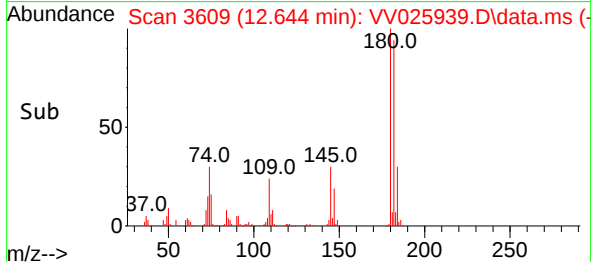
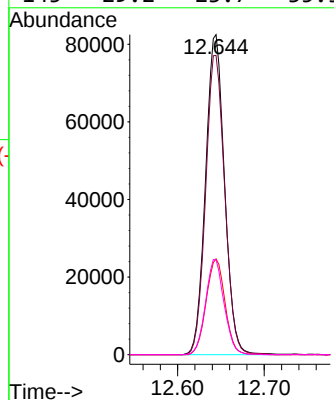
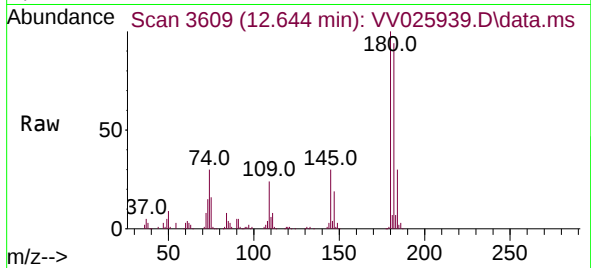




#69
 1,3,5-Trichlorobenzene
 Concen: 4.514 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

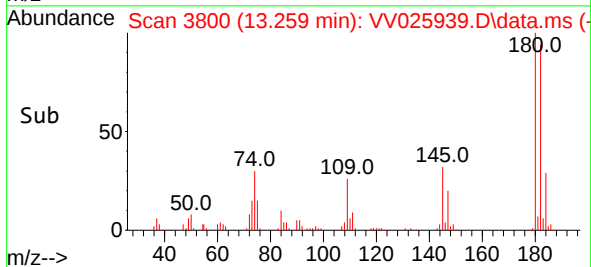
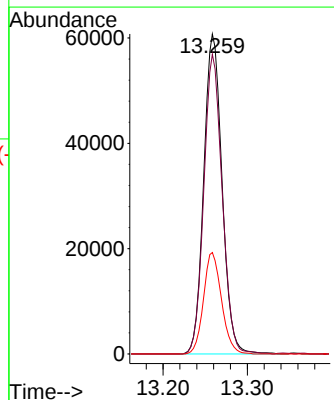
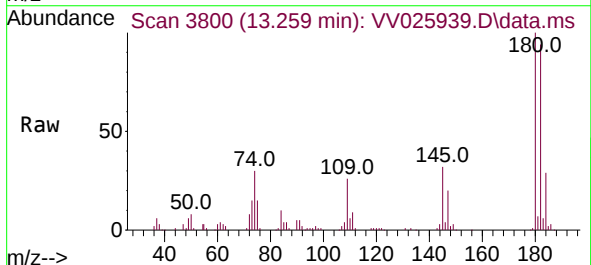
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

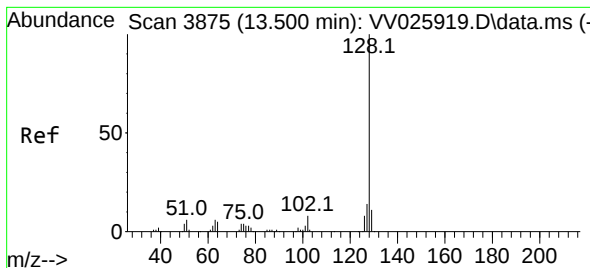
Tgt Ion:180 Resp: 125718
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.3 111.5
 184 29.7 23.5 35.3
 145 29.2 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.352 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025939.D
 Acq: 20 May 2022 10:25

Tgt Ion:180 Resp: 91950
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.0 112.4
 145 31.2 25.1 37.7





#71

Naphthalene

Concen: 3.953 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293

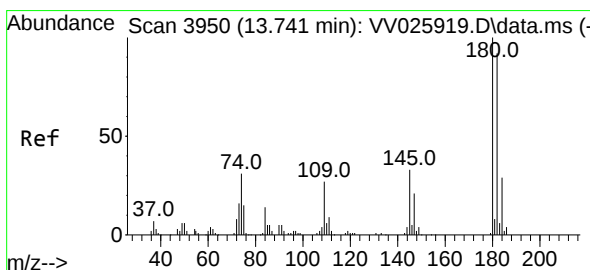
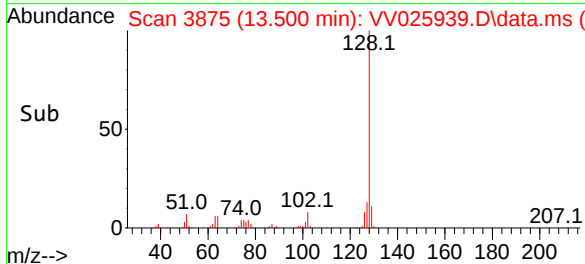
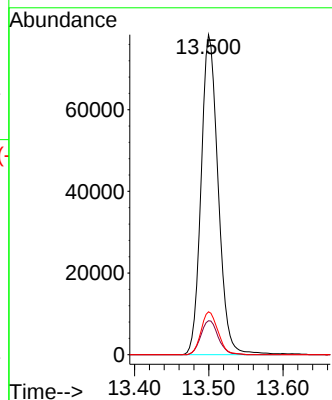
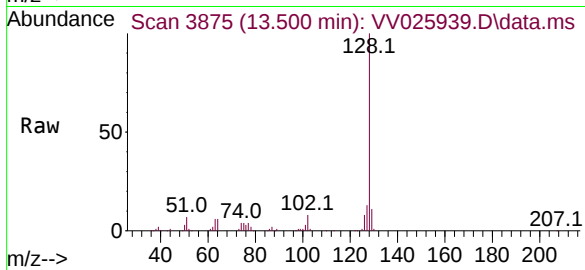
Tgt Ion:128 Resp: 125049

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.203 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025939.D

Acq: 20 May 2022 10:25

Tgt Ion:180 Resp: 76712

Ion Ratio Lower Upper

180 100

182 96.1 73.5 110.3

145 33.5 25.9 38.9

