

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026320.D
 Acq On : 16 Jun 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Jun 17 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	210579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75670	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.580	69	62278	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.121	63	140427	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.918	46	73863	41.387	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.780%
24) Chloroform-d	4.355	84	130196	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.040	65	49613	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.056	84	250595	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.072	67	72258	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	232532	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.625	79	22087	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.091	63	62301	41.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44006	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66999	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	83105	5.278	ug/L	99
3) Chloromethane	1.256	50	84337	4.824	ug/L	99
5) Vinyl chloride	1.323	62	91132	5.014	ug/L	99
6) Bromomethane	1.535	94	50092	4.931	ug/L	98
8) Chloroethane	1.597	64	59170	5.244	ug/L	96
9) Trichlorofluoromethane	1.767	101	130062	5.184	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	77666	5.337	ug/L	99
12) 1,1-Dichloroethene	2.130	96	69480	5.222	ug/L	100
13) Acetone	2.201	43	46764	33.811	ug/L	87
14) Carbon disulfide	2.307	76	167836	5.117	ug/L	98
15) Methyl Acetate	2.455	43	12431	3.746	ug/L	95
16) Methylene chloride	2.519	84	68722	4.049	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	106267	4.646	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	67164	5.206	ug/L	95
19) 1,1-Dichloroethane	3.201	63	128987	5.242	ug/L	99
21) 2-Butanone	3.995	43	68399	38.219	ug/L	85
22) cis-1,2-Dichloroethene	3.924	96	67505	5.171	ug/L	98
23) Bromochloromethane	4.259	128	29024	5.240	ug/L	89
25) Chloroform	4.384	83	135248	5.067	ug/L	98

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 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
 VSTD005319

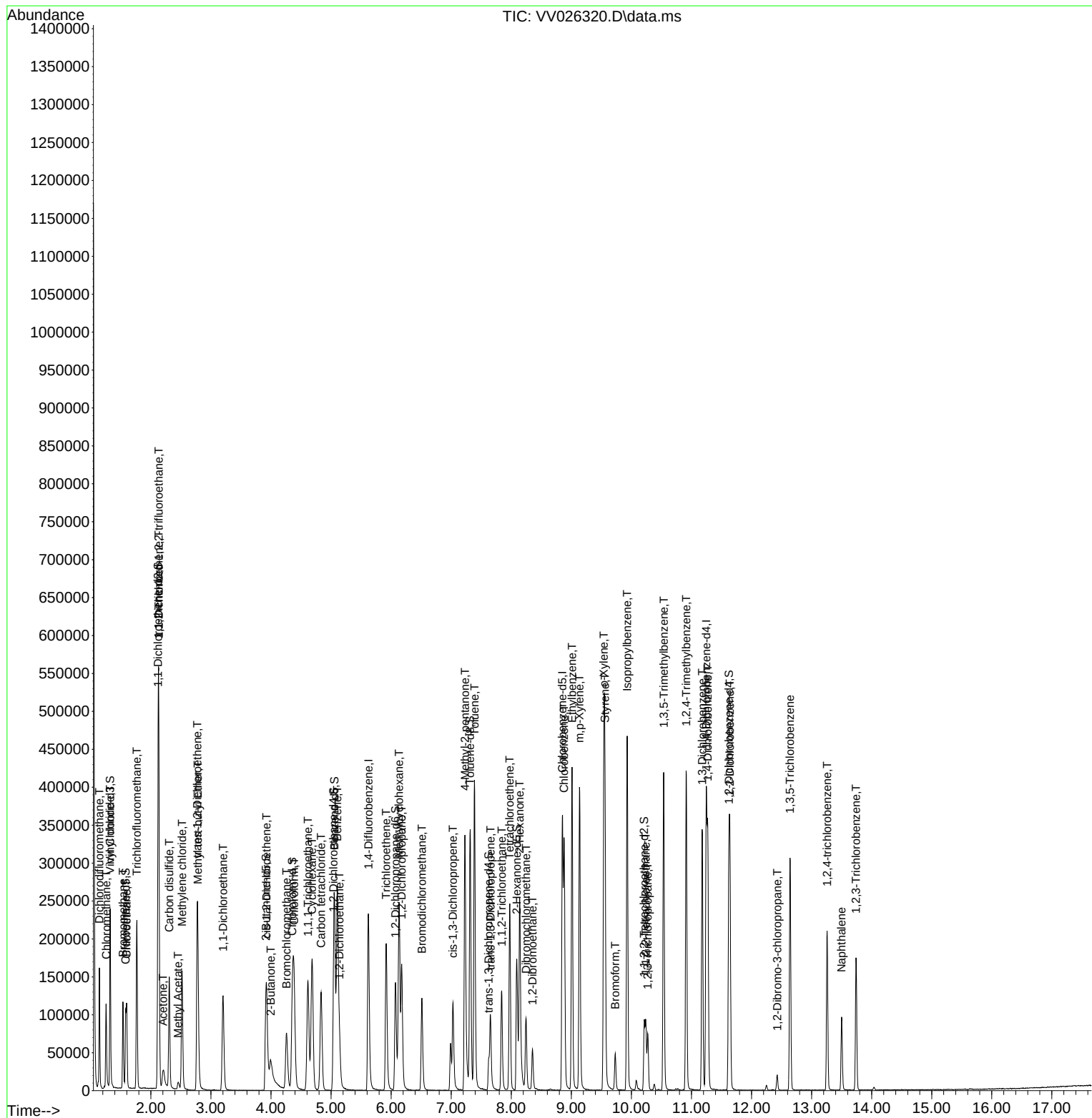
Quant Time: Jun 17 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
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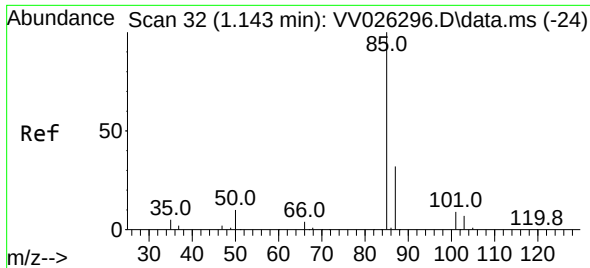
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	58598	4.823	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	119552	5.485	ug/L	100
30) Cyclohexane	4.683	56	84082	5.158	ug/L	99
31) Carbon tetrachloride	4.834	117	100747	5.458	ug/L	99
33) Benzene	5.104	78	278976	5.517	ug/L	100
34) Trichloroethene	5.918	95	70981	5.141	ug/L	98
35) Methylcyclohexane	6.133	83	100298	5.252	ug/L	98
37) 1,2-Dichloropropane	6.175	63	68737	5.197	ug/L	98
38) Bromodichloromethane	6.513	83	83532	5.207	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	75412	4.996	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	235432	48.410	ug/L	99
42) Toluene	7.387	91	303495	5.706	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	60406	5.010	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42835	4.934	ug/L	94
47) Tetrachloroethene	7.976	164	56434	5.519	ug/L	98
48) 2-Hexanone	8.140	43	164998	47.354	ug/L	98
49) Dibromochloromethane	8.246	129	48567	5.052	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36594	4.947	ug/L	99
51) Chlorobenzene	8.879	112	184388	5.309	ug/L	98
52) Ethylbenzene	9.011	91	292048	5.477	ug/L	99
53) m,p-Xylene	9.136	106	117638	5.660	ug/L	94
54) o-Xylene	9.542	106	109818	5.454	ug/L	98
55) Styrene	9.561	104	188642	5.579	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44601	5.065	ug/L	97
59) Bromoform	9.731	173	21471	5.002	ug/L	97
60) Isopropylbenzene	9.931	105	296041	5.680	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	30897	4.870	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	225283	5.447	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	227058	5.547	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141766	5.535	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	137291	5.275	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	117903	5.198	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5150	4.583	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	94239	5.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	63815	4.673	ug/L	100
71) Naphthalene	13.500	128	77952	4.111	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50278	4.397	ug/L	99

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

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ClientSampleId :
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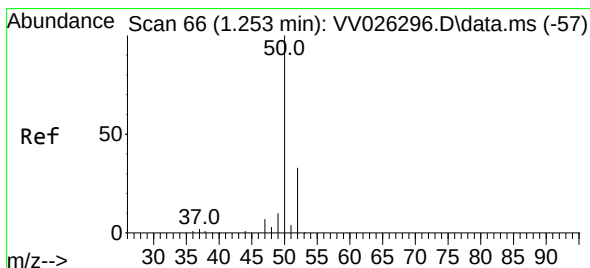
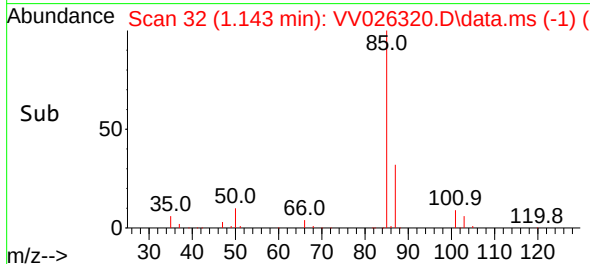
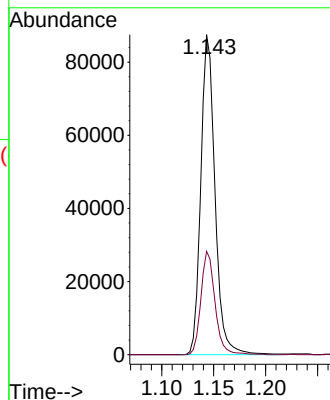
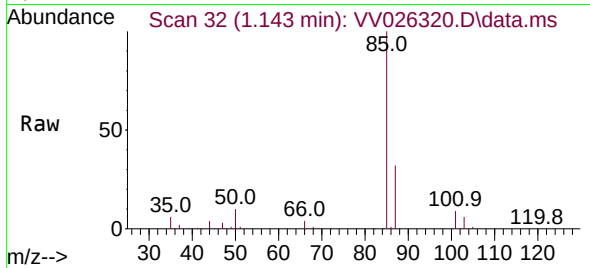




#2
 Dichlorodifluoromethane
 Concen: 5.278 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

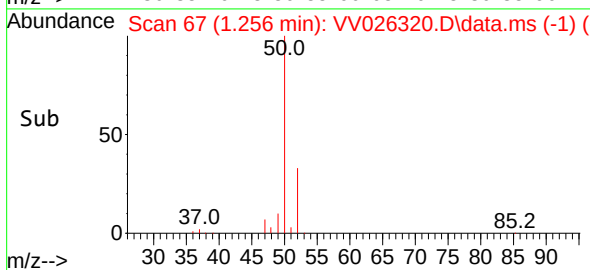
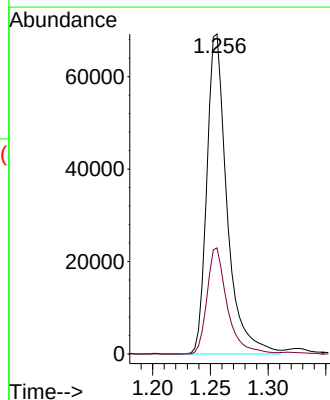
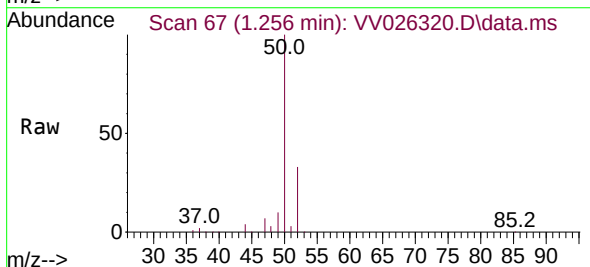
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

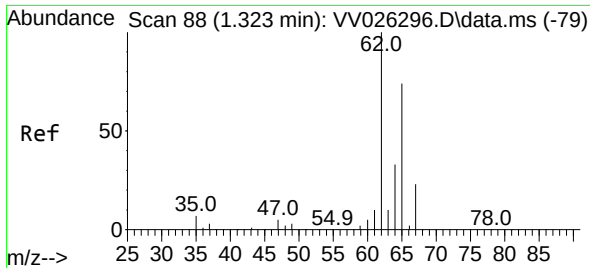
Tgt Ion: 85 Resp: 83105
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.824 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion: 50 Resp: 84337
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 44.1

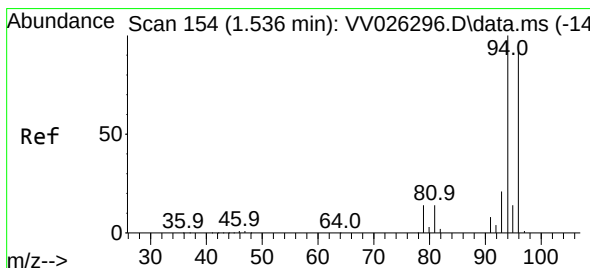
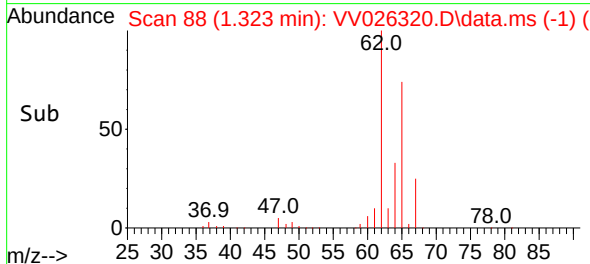
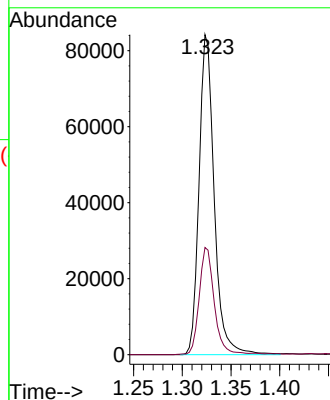
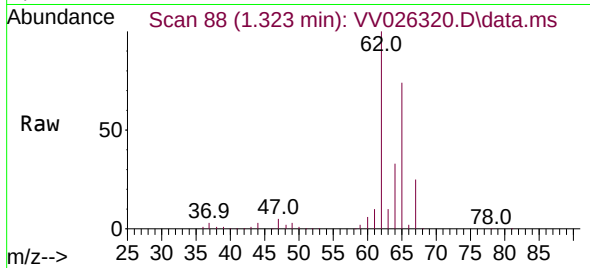




#5
 Vinyl chloride
 Concen: 5.014 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

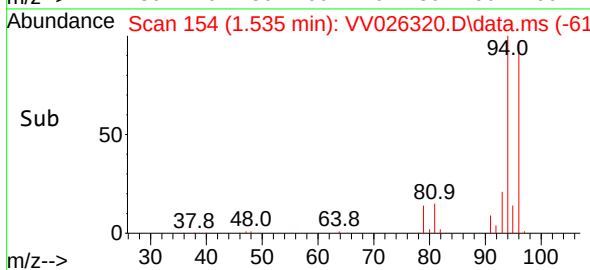
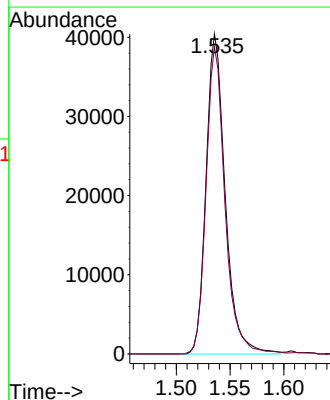
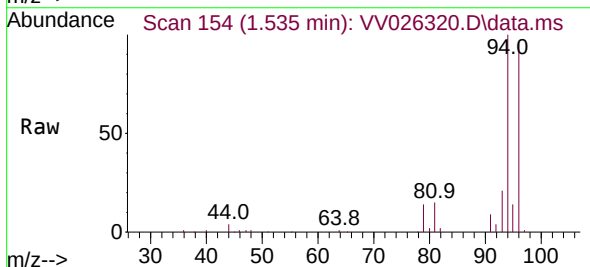
Instrument :
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 ClientSampleId :
 VSTD005319

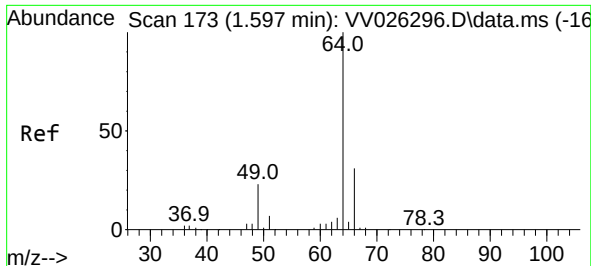
Tgt Ion: 62 Resp: 91132
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.931 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion: 94 Resp: 50092
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.7 121.9

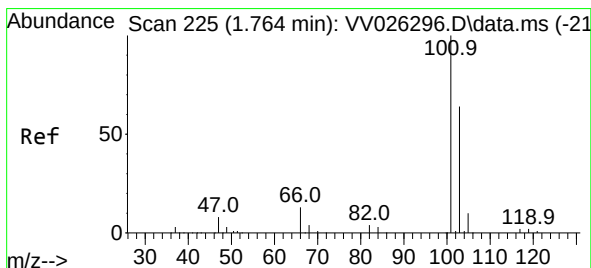
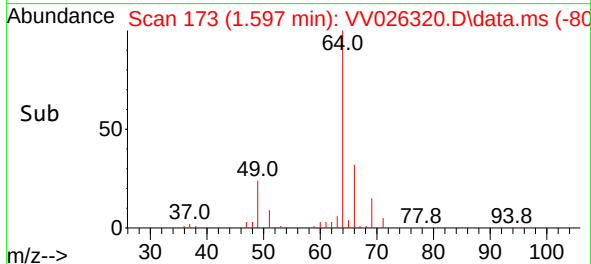
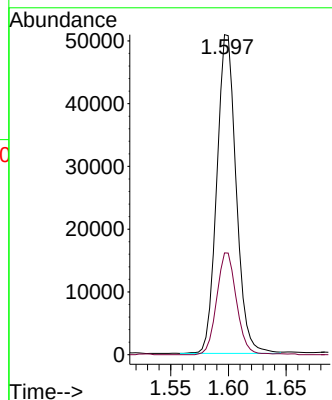
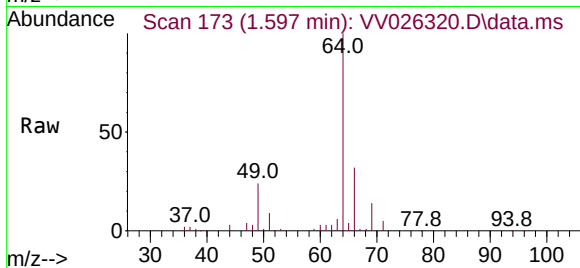




#8
Chloroethane
Concen: 5.244 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

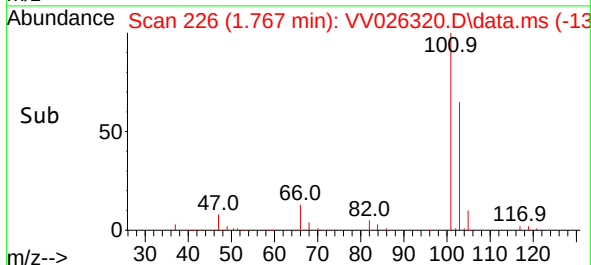
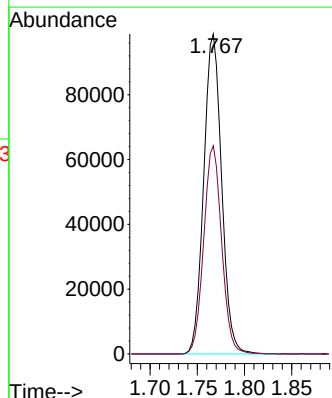
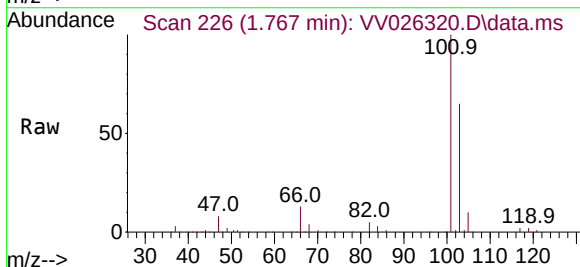
Instrument :
MSVOA_V
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VSTD005319

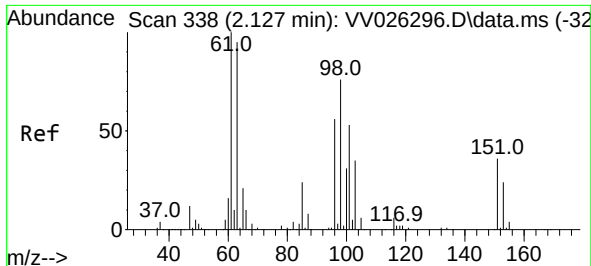
Tgt Ion: 64 Resp: 59170
Ion Ratio Lower Upper
64 100
66 31.8 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.184 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion:101 Resp: 130062
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

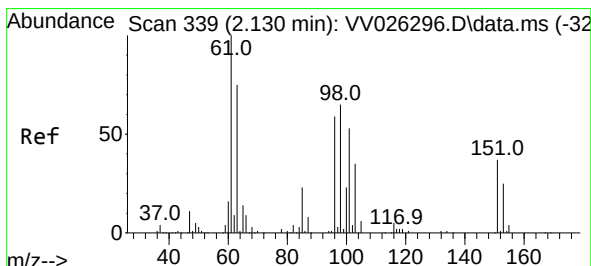
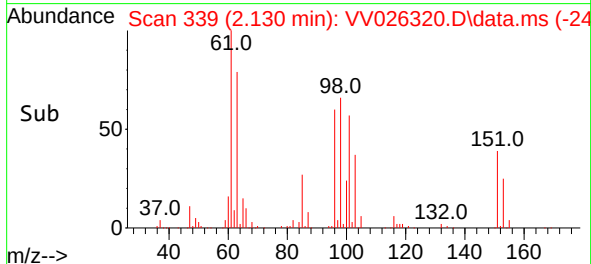
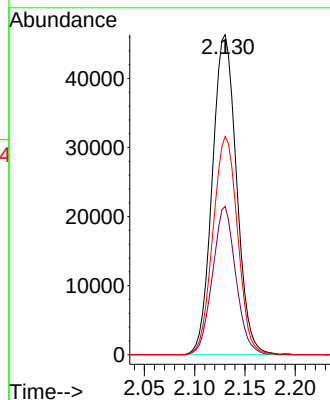
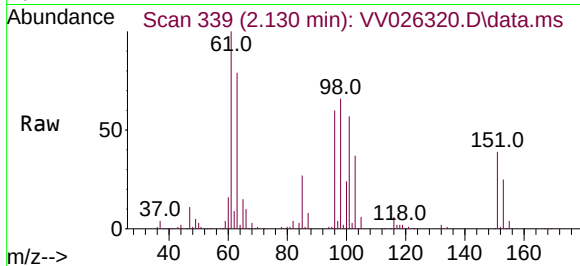




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.337 ug/L
 RT: 2.130 min Scan# 338
 Delta R.T. 0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

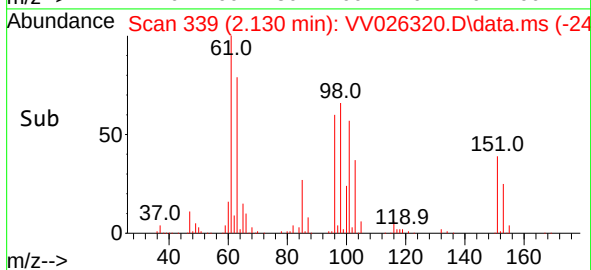
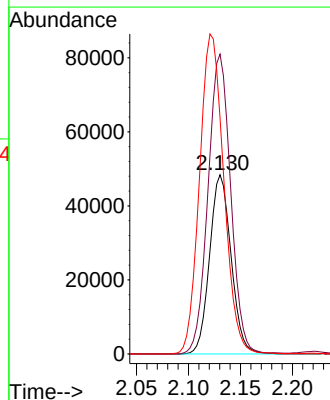
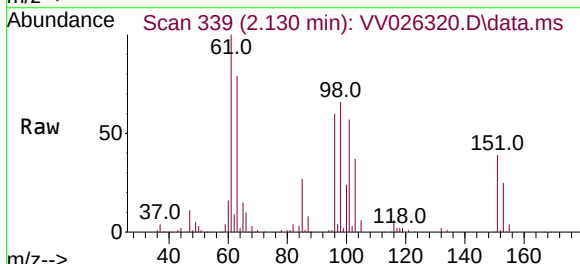
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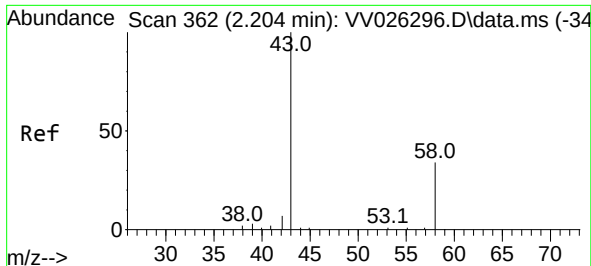
Tgt Ion:101 Resp: 77666
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.3 52.9
 151 69.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.222 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion: 96 Resp: 69480
 Ion Ratio Lower Upper
 96 100
 61 167.4 117.1 217.5
 63 131.7 92.8 172.4





#13

Acetone

Concen: 33.811 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

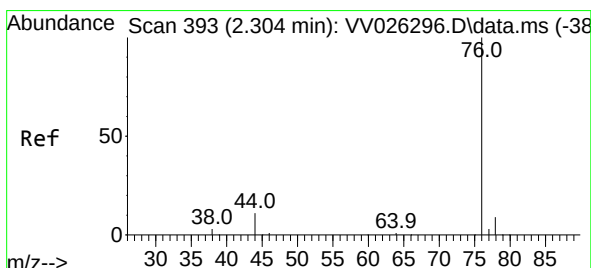
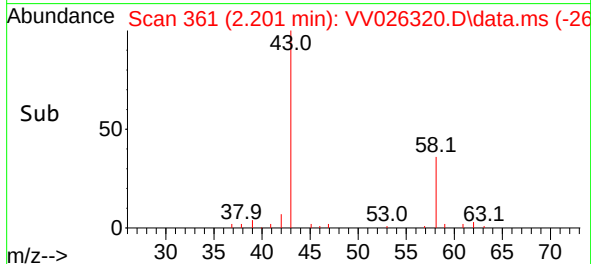
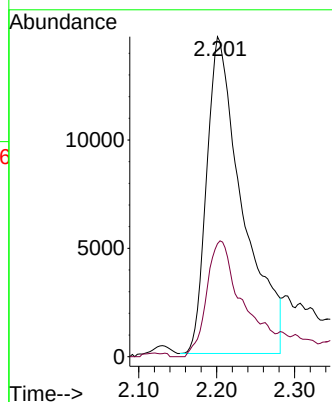
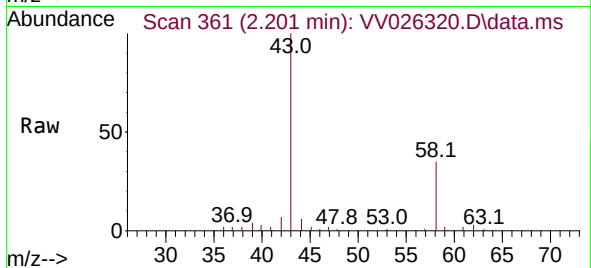
VSTD005319

Tgt Ion: 43 Resp: 46764

Ion Ratio Lower Upper

43 100

58 37.0 0.0 60.0



#14

Carbon disulfide

Concen: 5.117 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

Lab File: VV026320.D

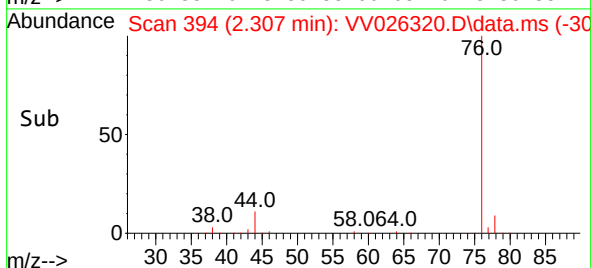
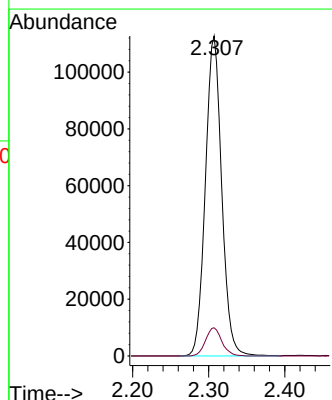
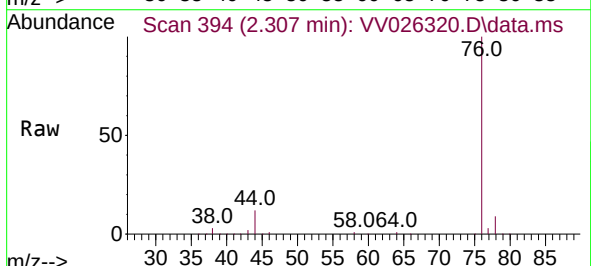
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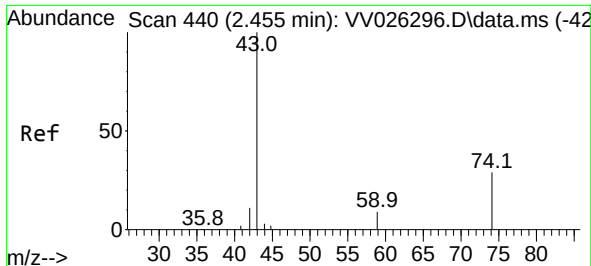
Tgt Ion: 76 Resp: 167836

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

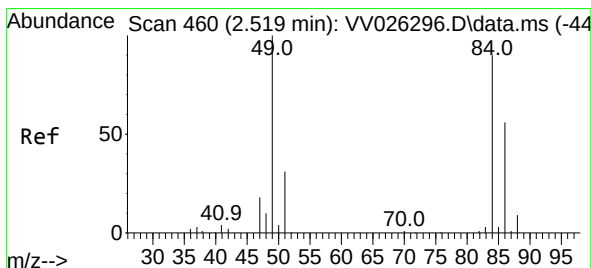
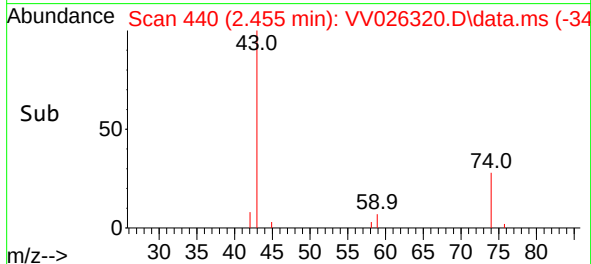
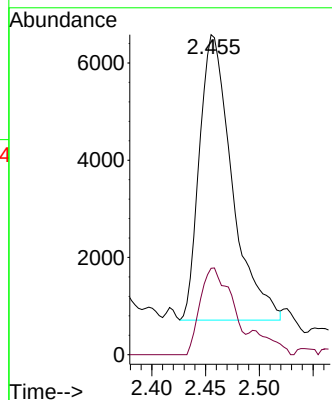
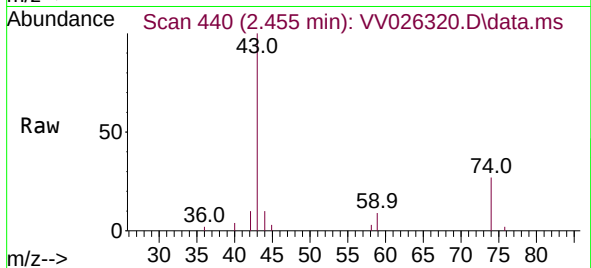




#15
Methyl Acetate
Concen: 3.746 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

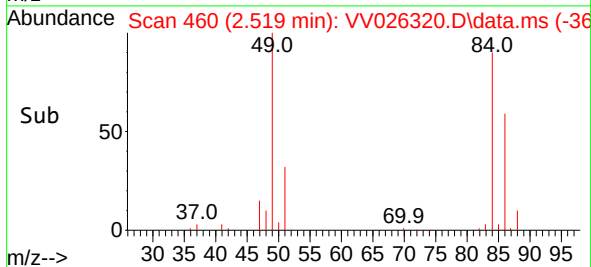
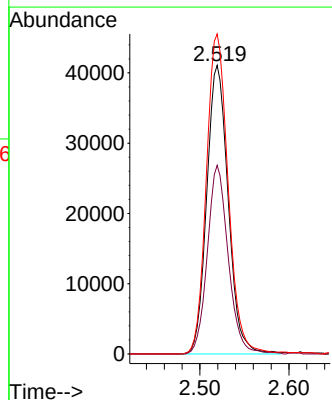
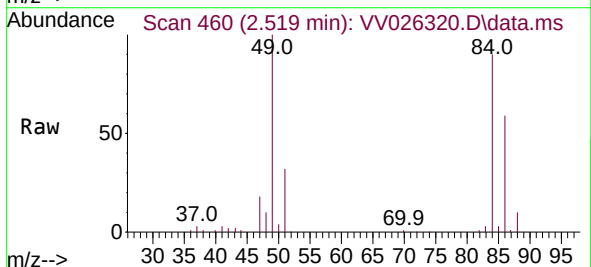
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

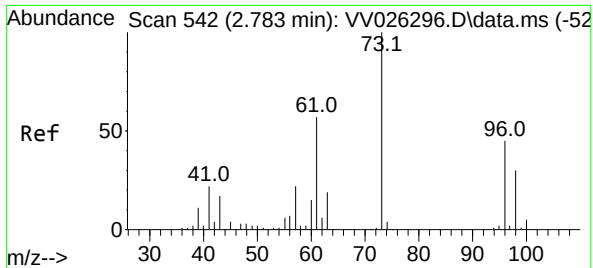
Tgt Ion: 43 Resp: 12431
Ion Ratio Lower Upper
43 100
74 29.2 21.4 32.0



#16
Methylene chloride
Concen: 4.049 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 84 Resp: 68722
Ion Ratio Lower Upper
84 100
86 65.4 44.0 81.8
49 110.9 77.3 143.7

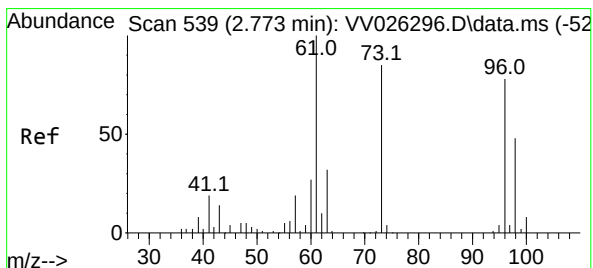
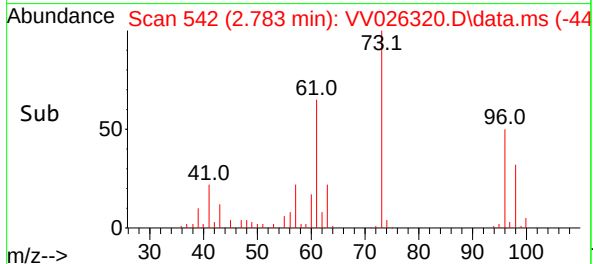
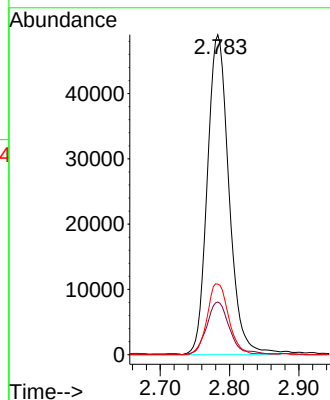
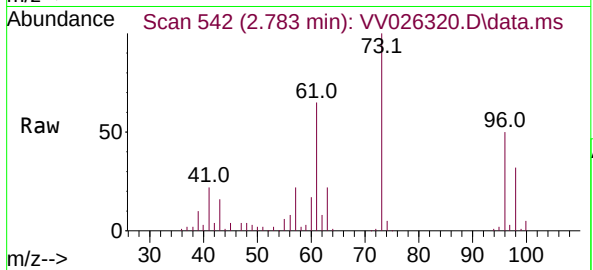




#17
Methyl tert-butyl Ether
Concen: 4.646 ug/L
RT: 2.783 min Scan# 542
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

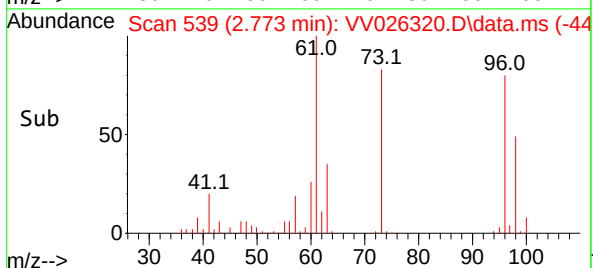
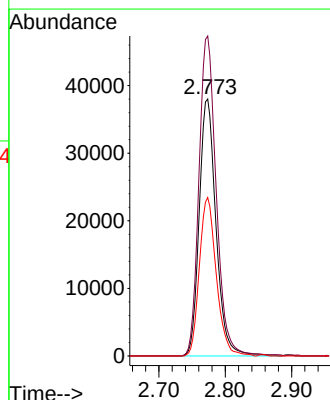
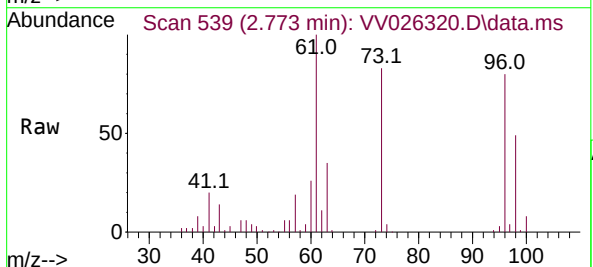
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

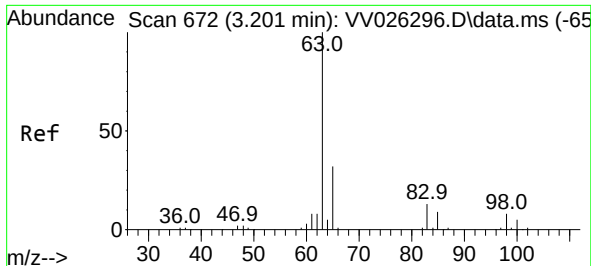
Tgt Ion: 73 Resp: 106267
Ion Ratio Lower Upper
73 100
43 17.5 13.0 19.6
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.206 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 96 Resp: 67164
Ion Ratio Lower Upper
96 100
61 124.5 91.3 169.6
98 61.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.242 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005319

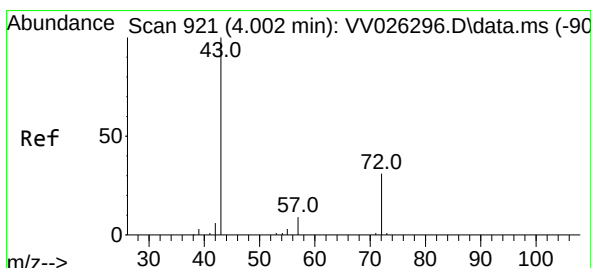
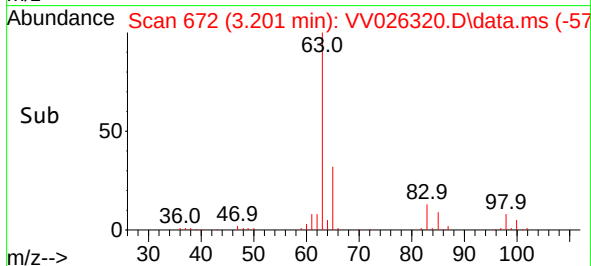
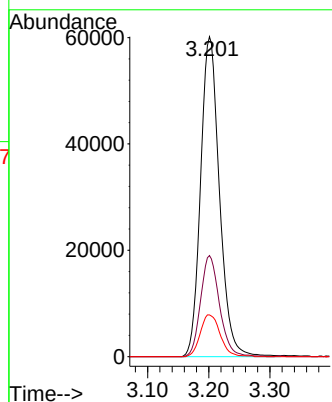
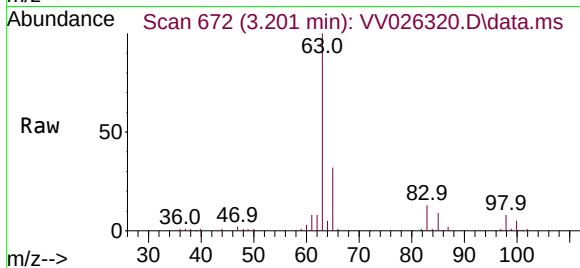
Tgt Ion: 63 Resp: 128987

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.1 8.9 16.5



#21

2-Butanone

Concen: 38.219 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.006 min

Lab File: VV026320.D

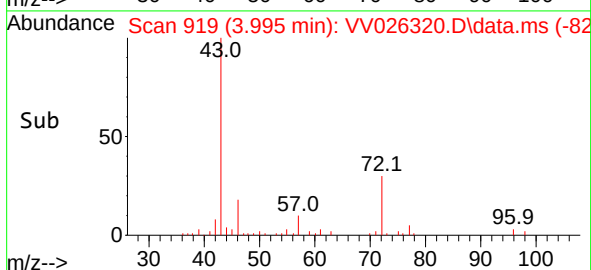
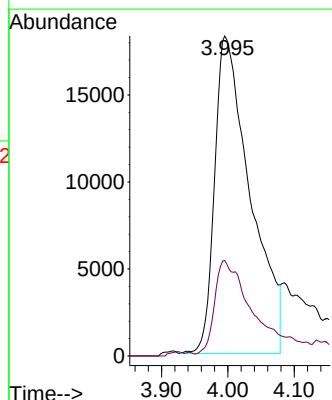
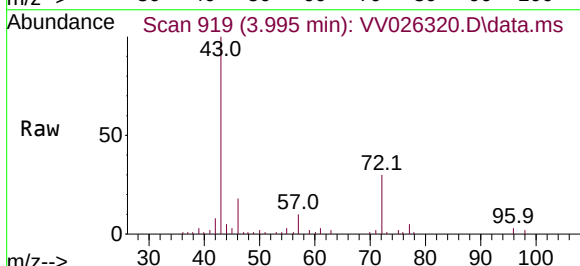
Acq: 16 Jun 2022 09:38

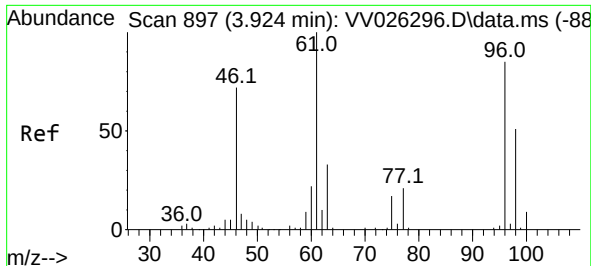
Tgt Ion: 43 Resp: 68399

Ion Ratio Lower Upper

43 100

72 32.7 12.7 38.0

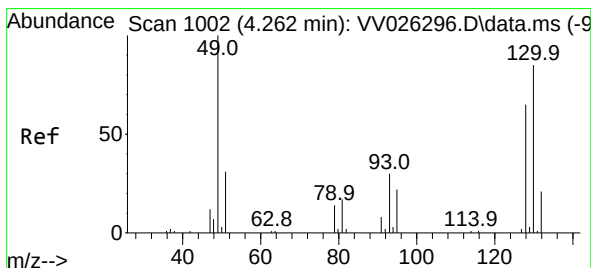
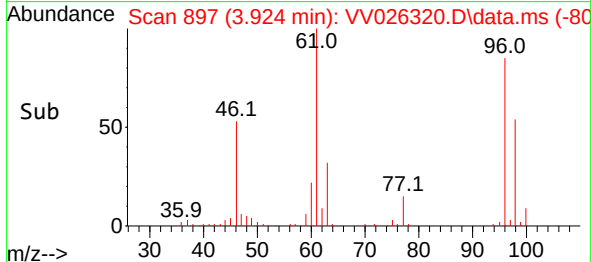
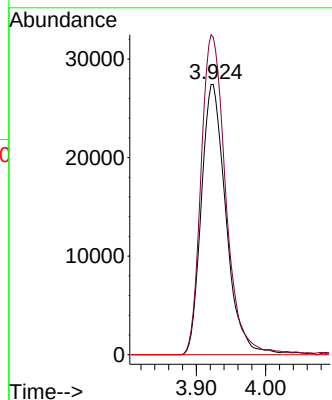
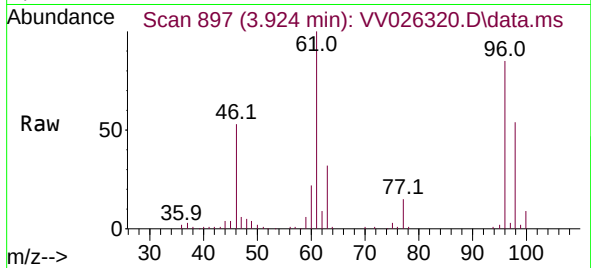




#22
 cis-1,2-Dichloroethene
 Concen: 5.171 ug/L
 RT: 3.924 min Scan# 897
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

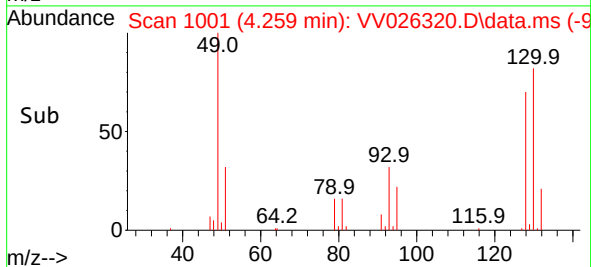
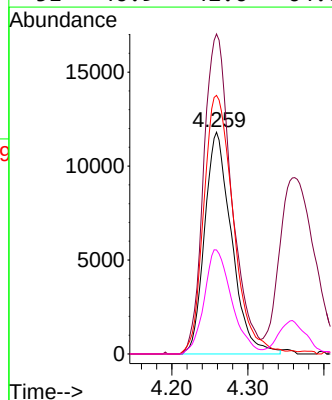
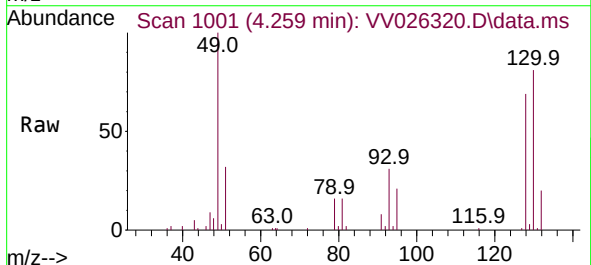
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

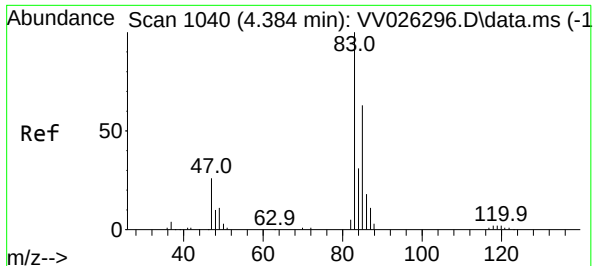
Tgt Ion: 96 Resp: 67505
 Ion Ratio Lower Upper
 96 100
 61 117.4 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.240 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. -0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion: 128 Resp: 29024
 Ion Ratio Lower Upper
 128 100
 49 144.3 111.6 207.2
 130 116.7 91.1 169.1
 51 46.9 42.6 64.0





#25

Chloroform

Concen: 5.067 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

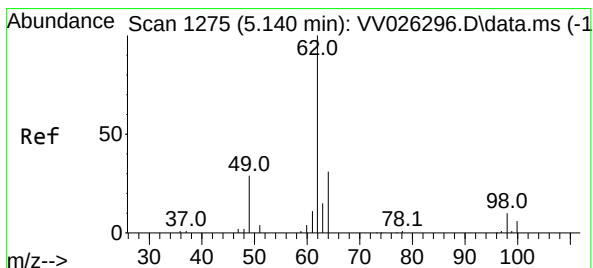
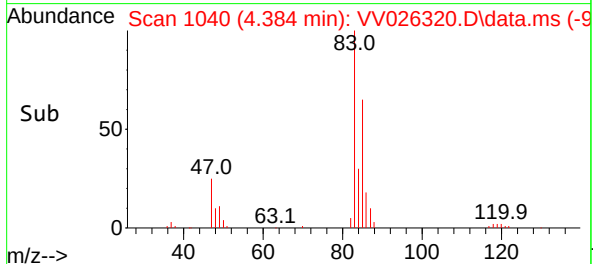
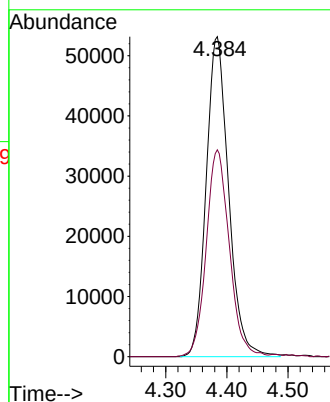
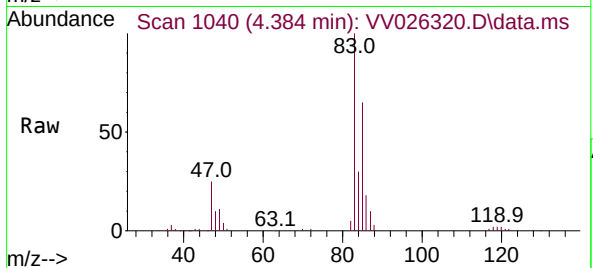
VSTD005319

Tgt Ion: 83 Resp: 135248

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.823 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VV026320.D

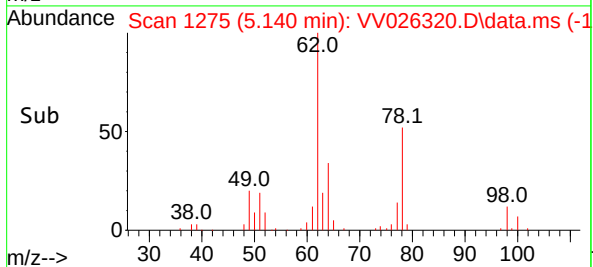
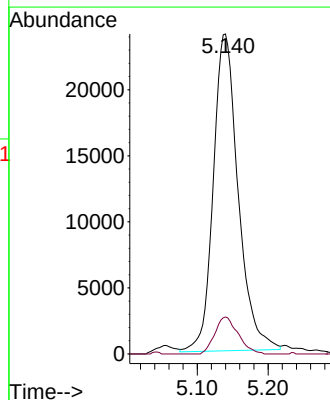
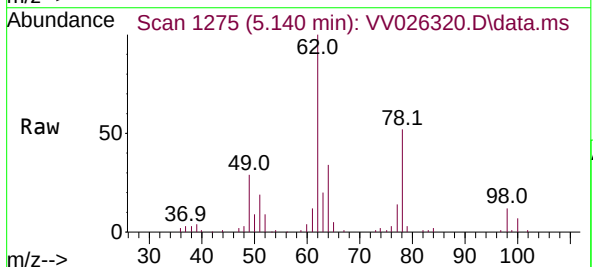
Acq: 16 Jun 2022 09:38

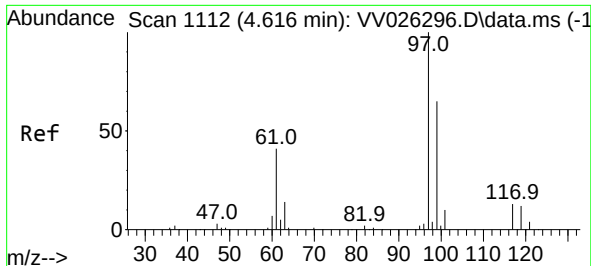
Tgt Ion: 62 Resp: 58598

Ion Ratio Lower Upper

62 100

98 11.6 8.6 13.0

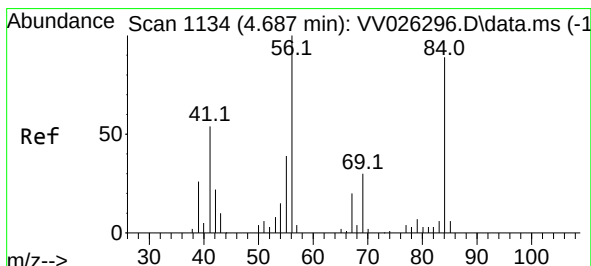
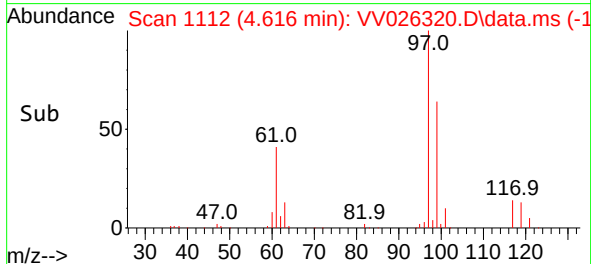
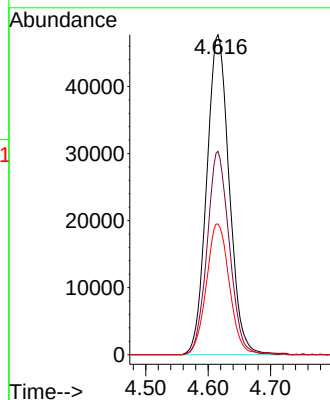
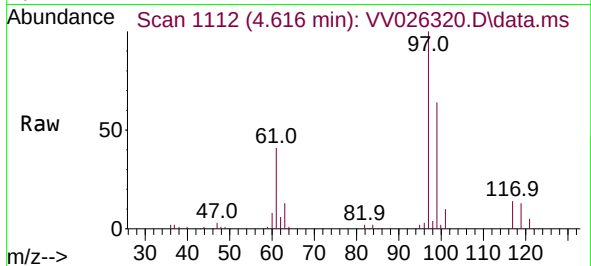




#29
1,1,1-Trichloroethane
Concen: 5.485 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

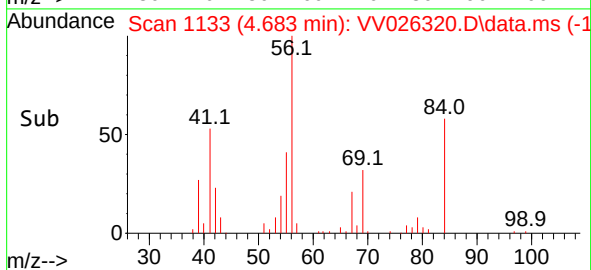
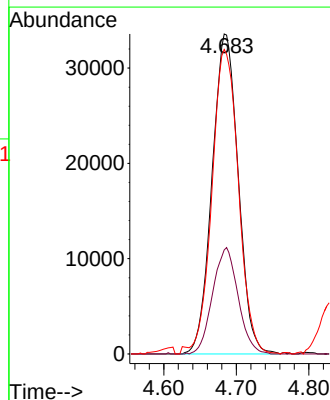
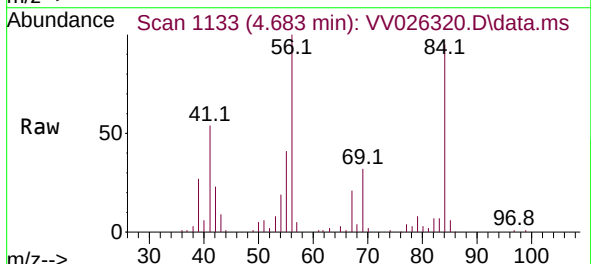
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

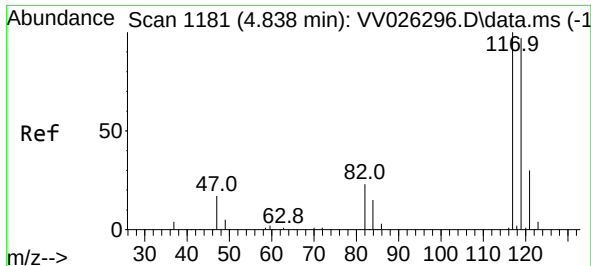
Tgt Ion:	97	Resp:	119552
Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.3	75.5
61	41.9	33.4	50.0



#30
Cyclohexane
Concen: 5.158 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion:	56	Resp:	84082
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.9	37.3
84	96.1	76.4	114.6

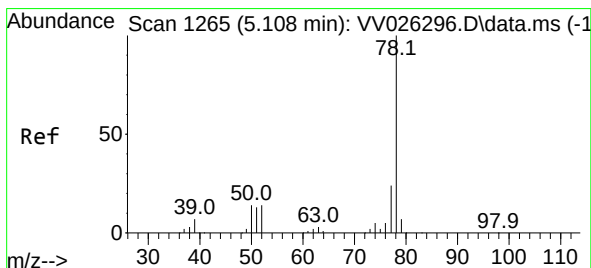
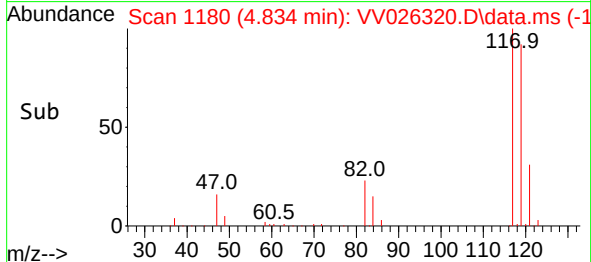
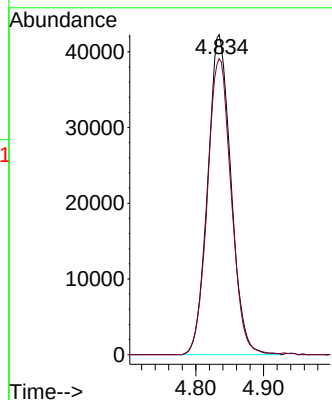
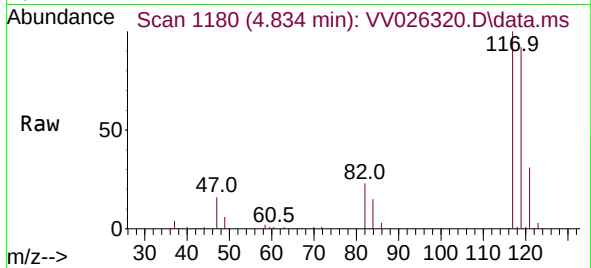




#31
Carbon tetrachloride
Concen: 5.458 ug/L
RT: 4.834 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

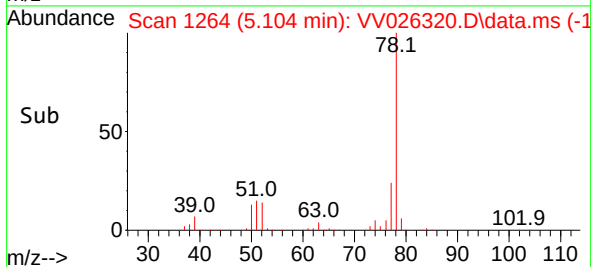
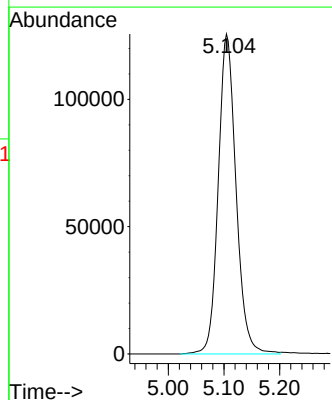
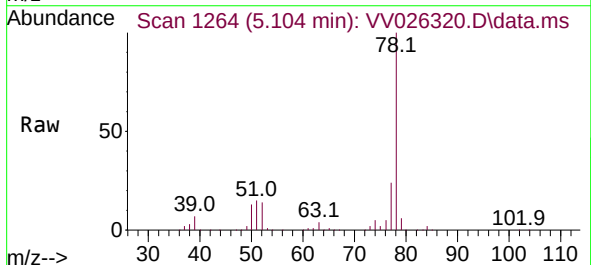
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

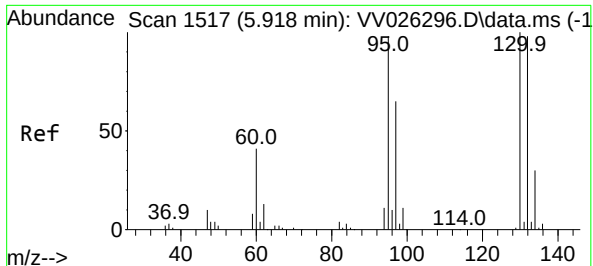
Tgt Ion:117 Resp: 100747
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.4



#33
Benzene
Concen: 5.517 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 78 Resp: 278976



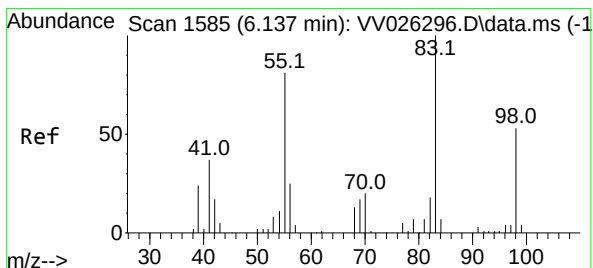
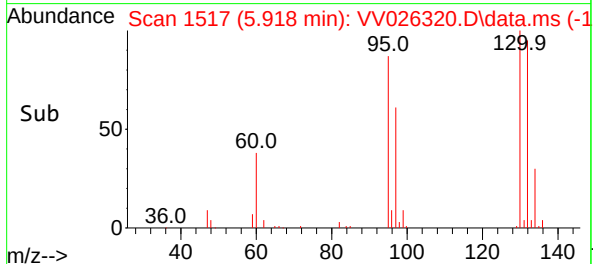
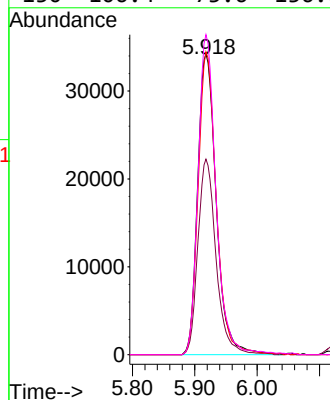
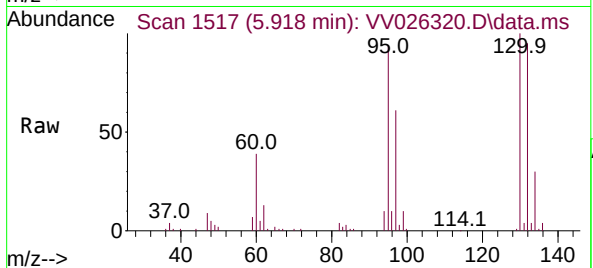


#34
Trichloroethene
Concen: 5.141 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

Tgt Ion: 95 Resp: 70981

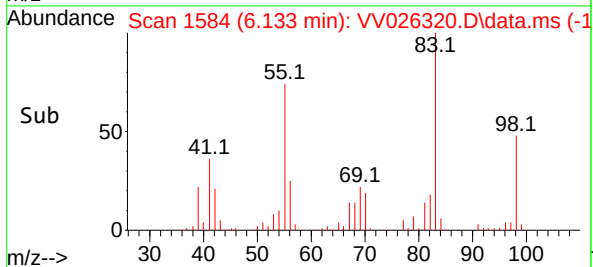
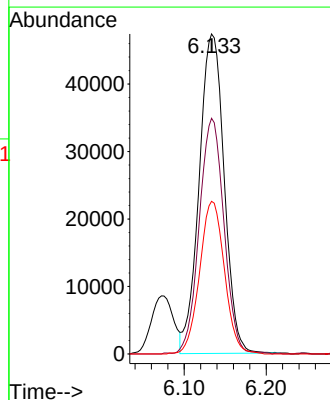
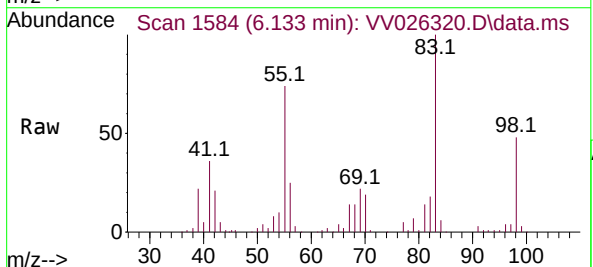
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.5	86.3
132	100.7	68.8	127.8
130	106.4	73.6	136.6

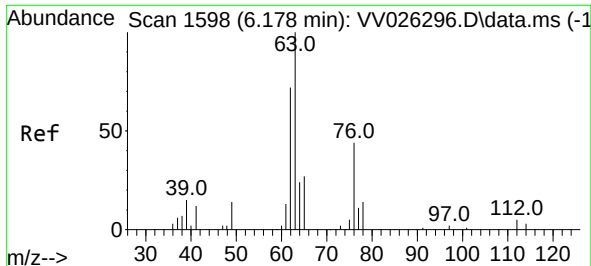


#35
Methylcyclohexane
Concen: 5.252 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 83 Resp: 100298

Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.3	88.9
98	47.3	39.9	59.9





#37

1,2-Dichloropropane

Concen: 5.197 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

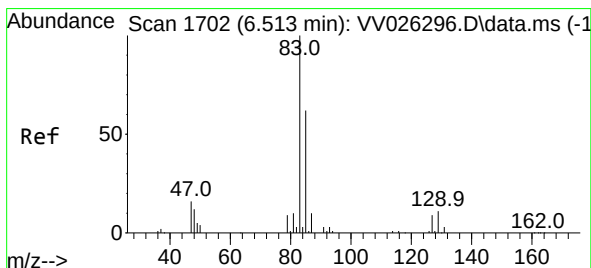
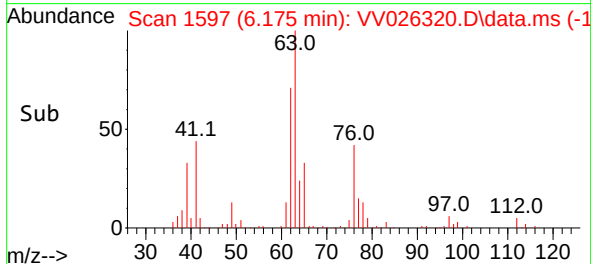
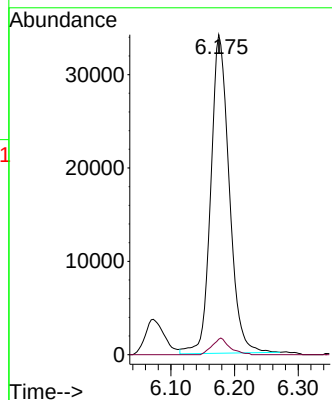
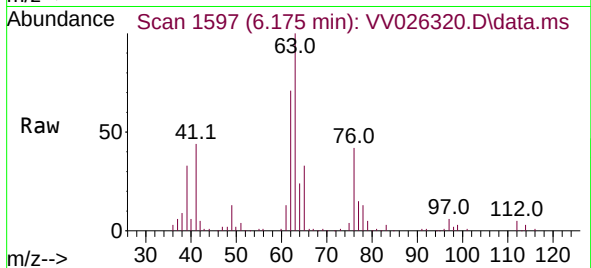
VSTD005319

Tgt Ion: 63 Resp: 68737

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.207 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

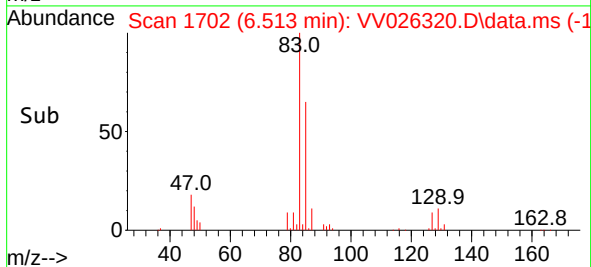
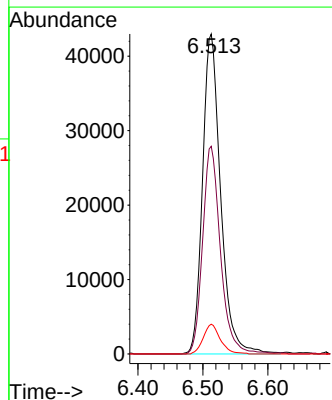
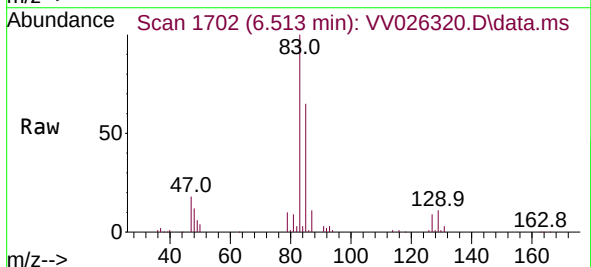
Tgt Ion: 83 Resp: 83532

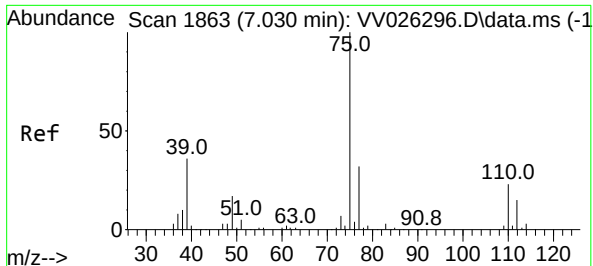
Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.996 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

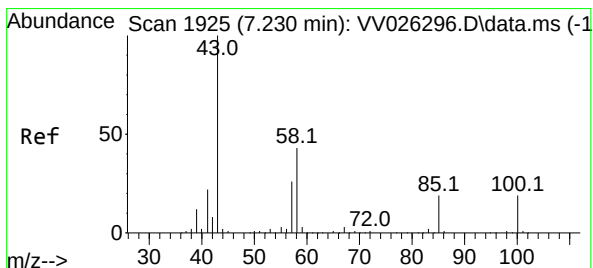
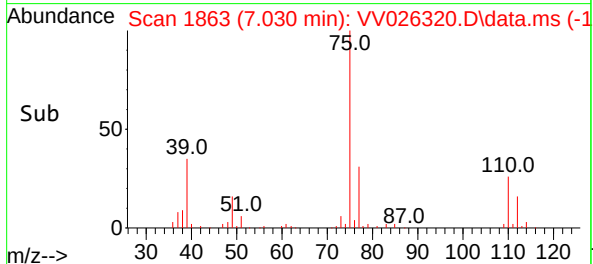
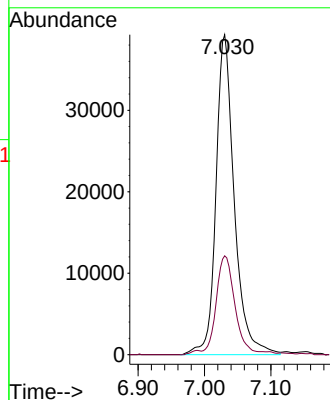
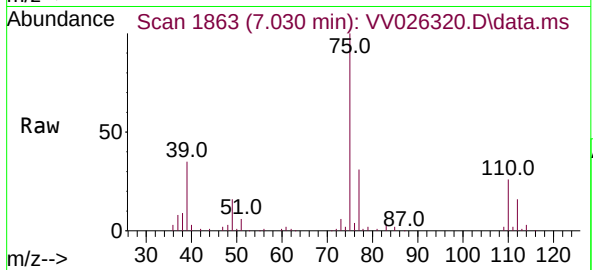
VSTD005319

Tgt Ion: 75 Resp: 75412

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 48.410 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

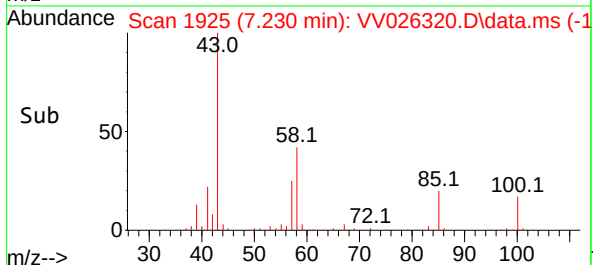
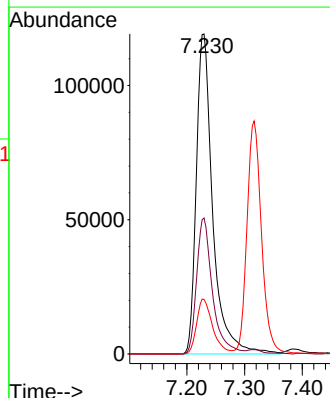
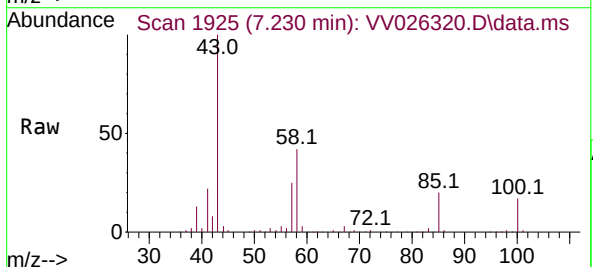
Tgt Ion: 43 Resp: 235432

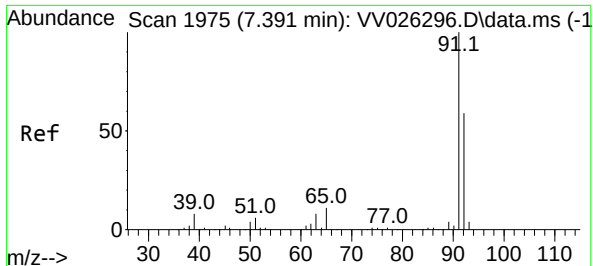
Ion Ratio Lower Upper

43 100

58 41.0 33.3 49.9

100 16.8 13.4 20.2





#42

Toluene

Concen: 5.706 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

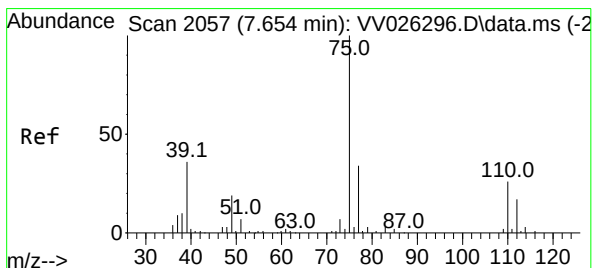
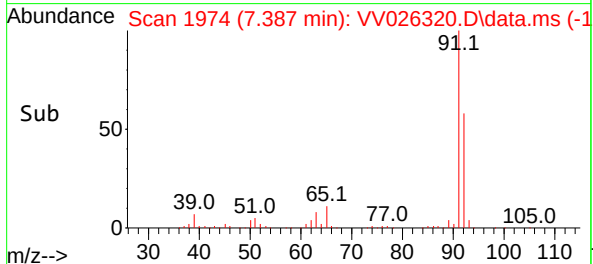
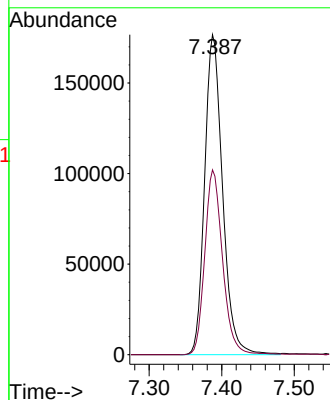
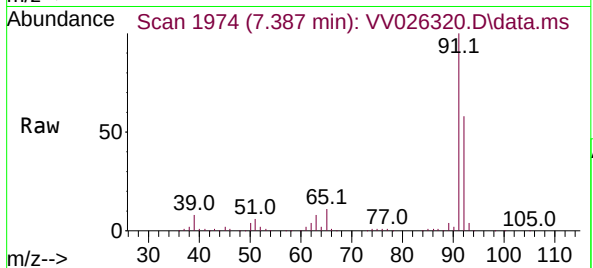
VSTD005319

Tgt Ion: 91 Resp: 303495

Ion Ratio Lower Upper

91 100

92 57.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 5.010 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026320.D

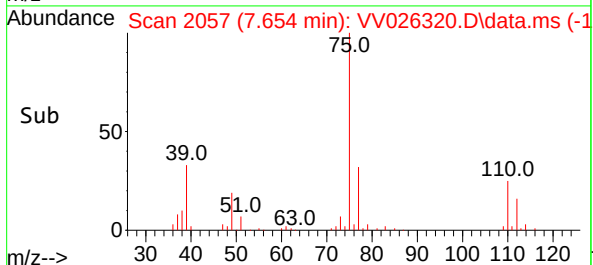
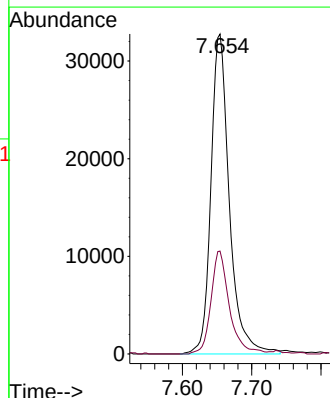
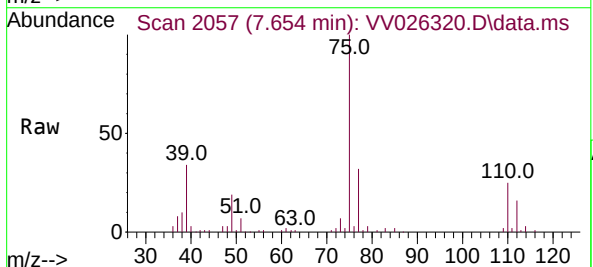
Acq: 16 Jun 2022 09:38

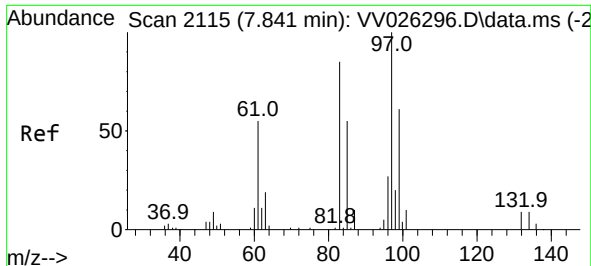
Tgt Ion: 75 Resp: 60406

Ion Ratio Lower Upper

75 100

77 32.1 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 4.934 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005319

Tgt Ion: 97 Resp: 42835

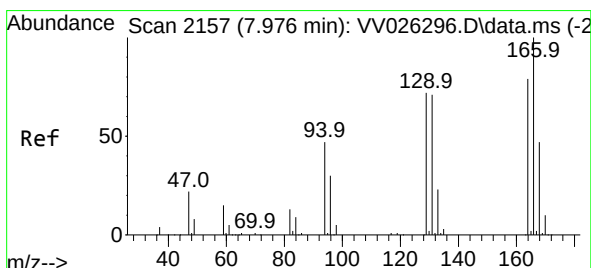
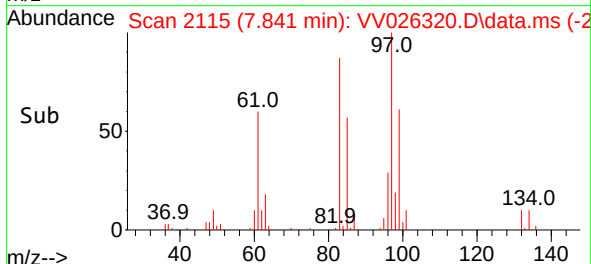
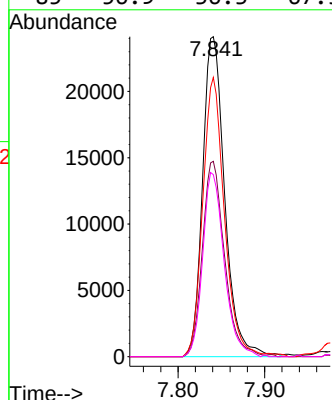
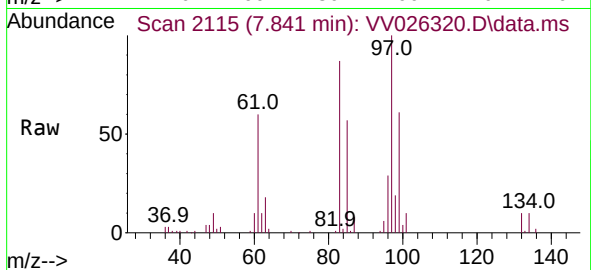
Ion Ratio Lower Upper

97 100

99 61.1 42.4 78.6

83 87.3 56.1 104.1

85 56.9 36.3 67.5



#47

Tetrachloroethene

Concen: 5.519 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Tgt Ion:164 Resp: 56434

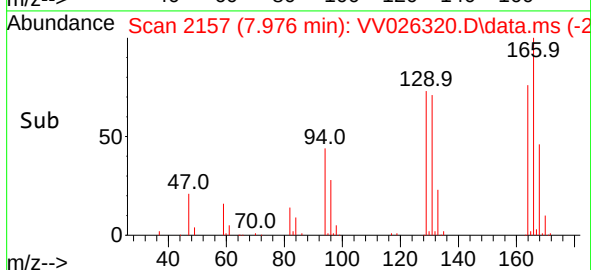
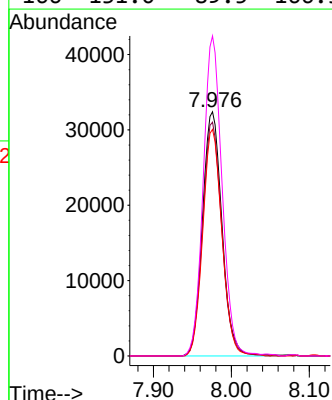
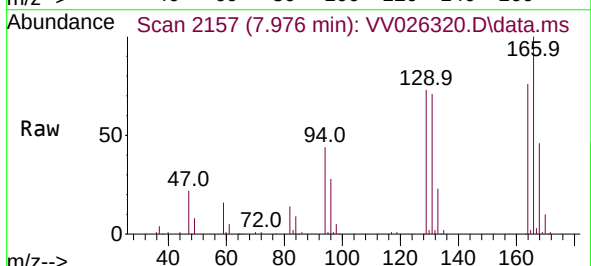
Ion Ratio Lower Upper

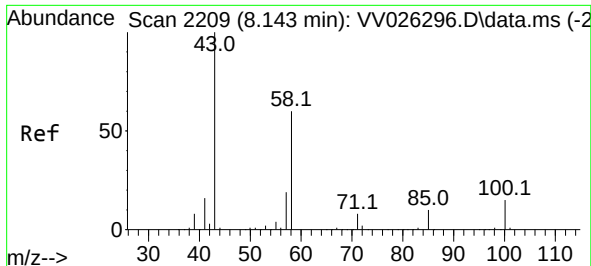
164 100

129 95.7 67.5 125.3

131 92.8 63.8 118.4

166 131.0 89.5 166.3

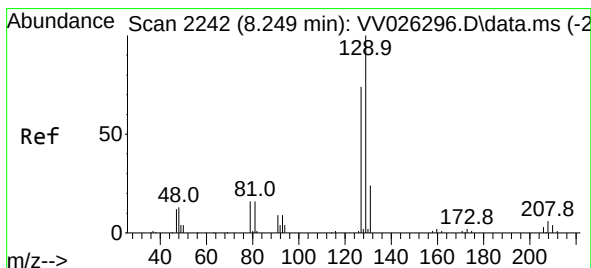
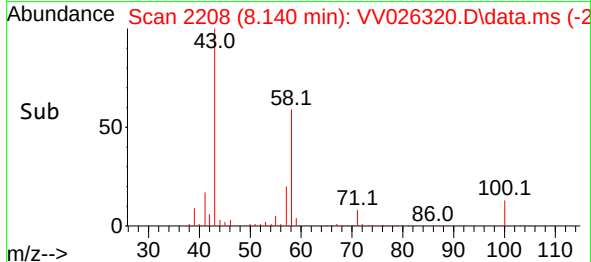
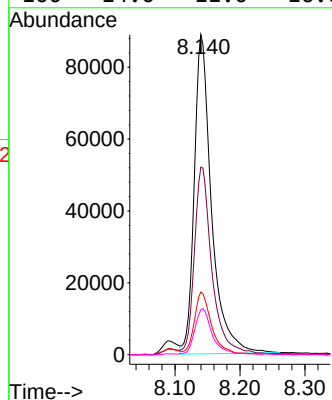
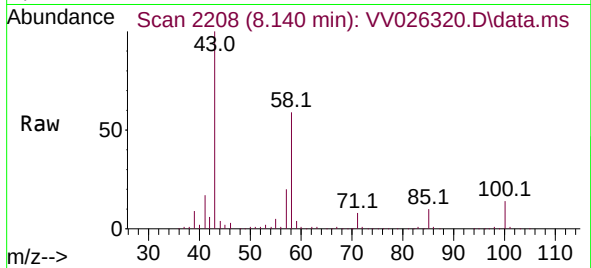




#48
2-Hexanone
Concen: 47.354 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

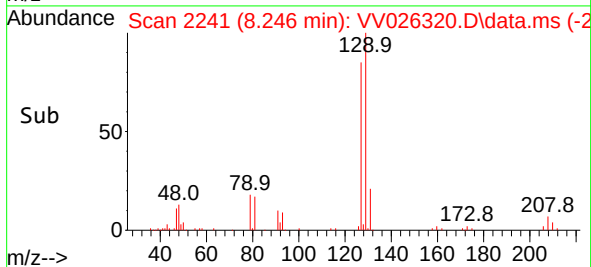
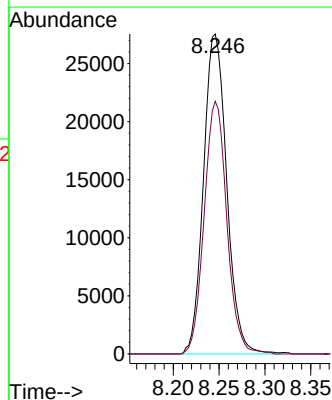
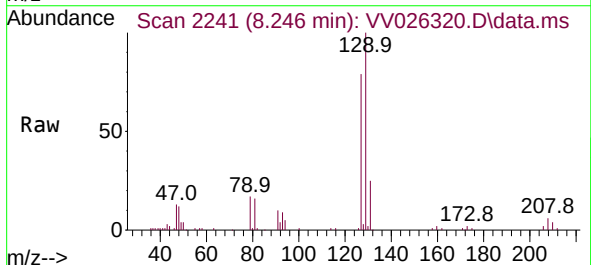
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

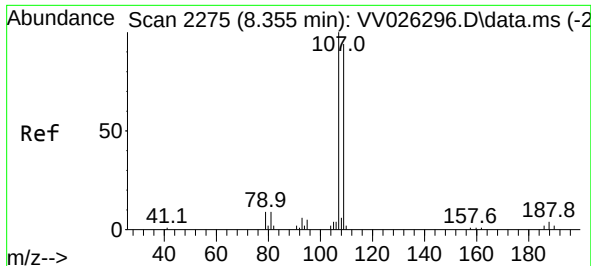
Tgt Ion: 43 Resp: 164998
Ion Ratio Lower Upper
43 100
58 59.1 48.7 73.1
57 19.4 16.0 24.0
100 14.0 11.0 16.6



#49
Dibromochloromethane
Concen: 5.052 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 129 Resp: 48567
Ion Ratio Lower Upper
129 100
127 78.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 4.947 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

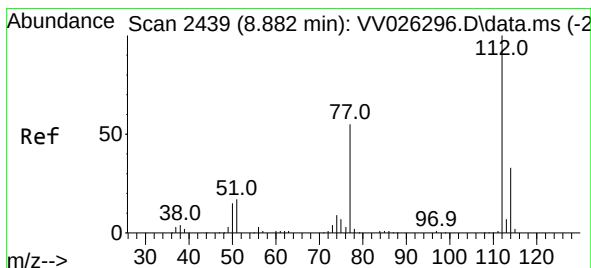
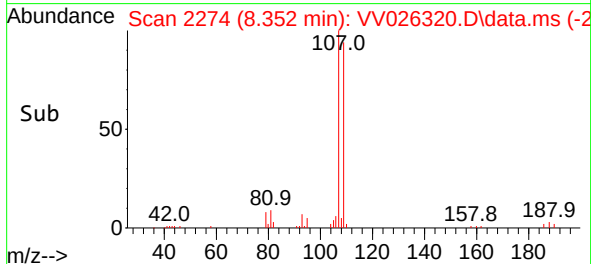
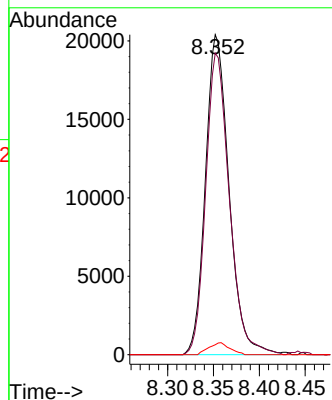
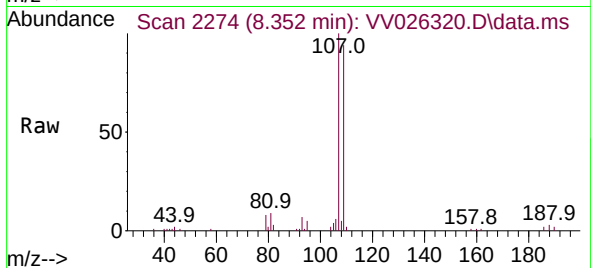
Instrument :

MSVOA_V

ClientSampleId :

VSTD005319

Tgt Ion:107	Resp:	36594
Ion	Ratio	Lower Upper
107	100	
109	94.3	65.2 121.2
188	3.1	2.9 4.3



#51

Chlorobenzene

Concen: 5.309 ug/L

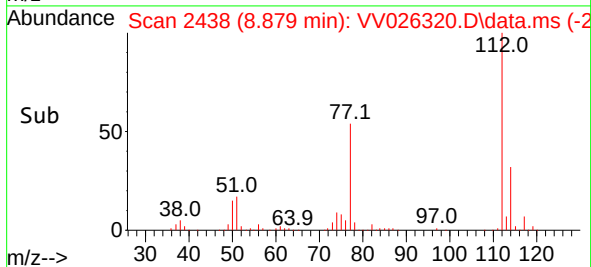
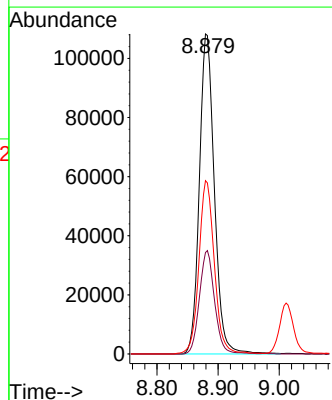
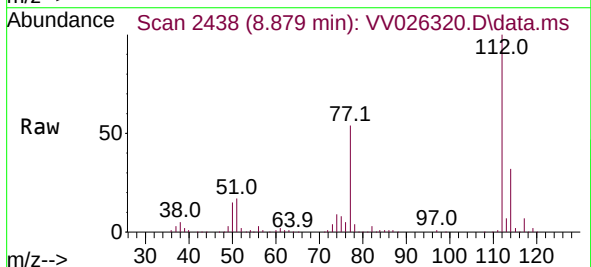
RT: 8.879 min Scan# 2438

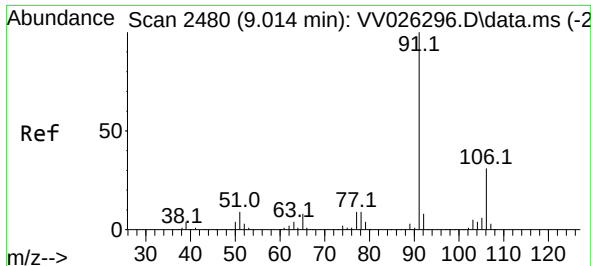
Delta R.T. -0.003 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Tgt Ion:112	Resp:	184388
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.7 42.3
77	54.2	44.5 66.7

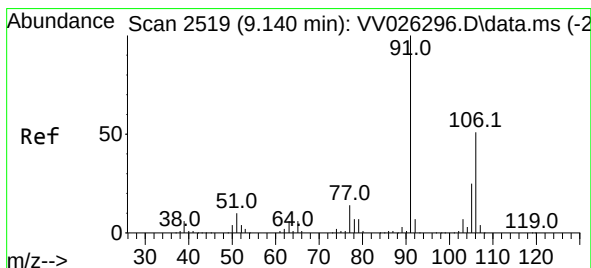
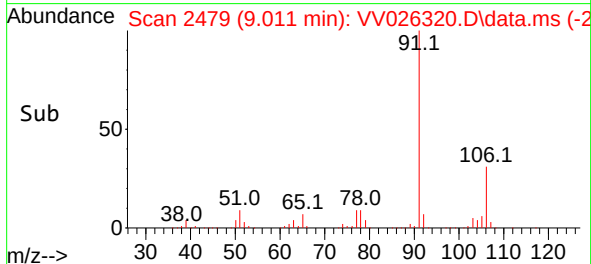
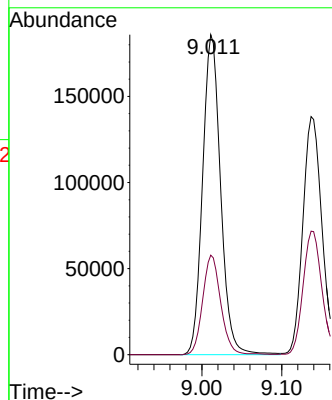
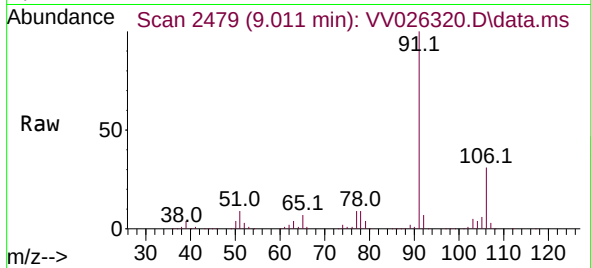




#52
Ethylbenzene
Concen: 5.477 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

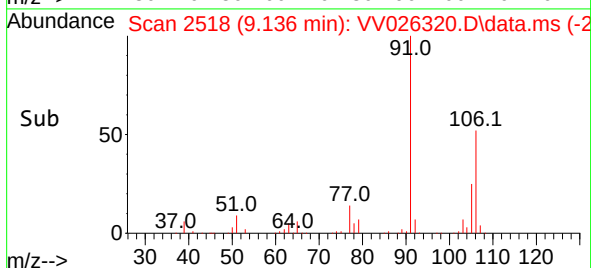
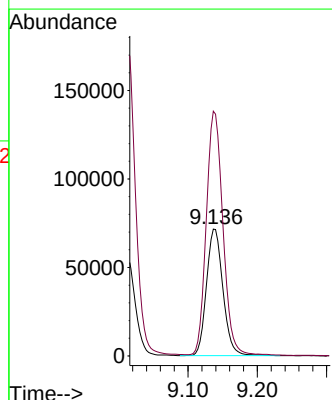
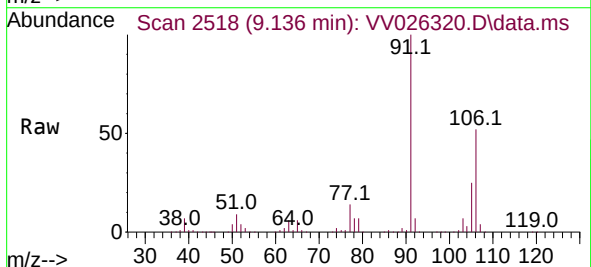
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

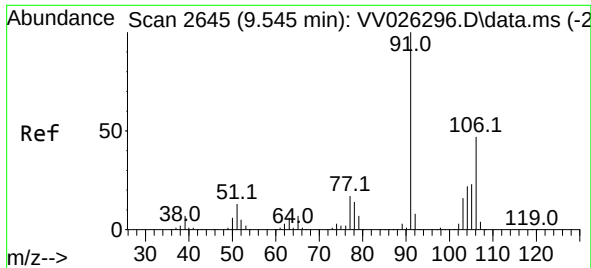
Tgt Ion: 91 Resp: 292048
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.660 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 106 Resp: 117638
Ion Ratio Lower Upper
106 100
91 192.9 141.3 262.3

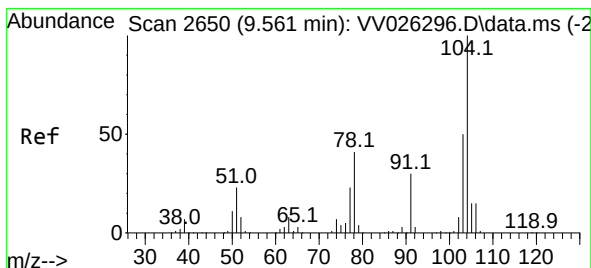
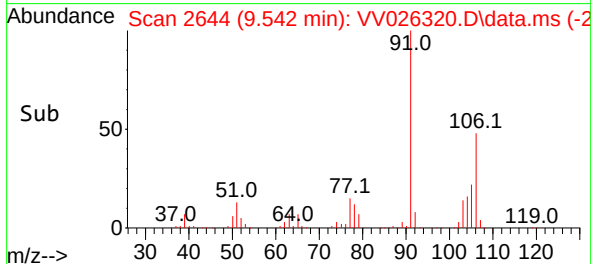
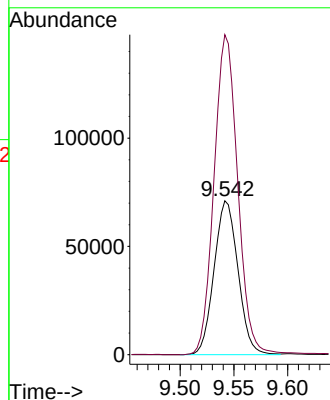
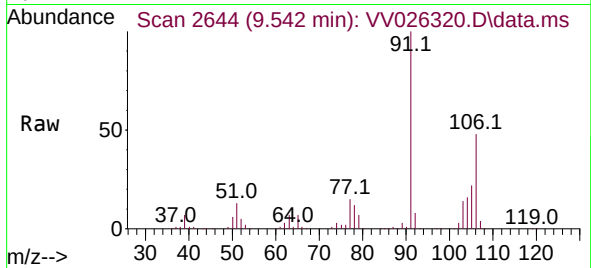




#54
o-Xylene
Concen: 5.454 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

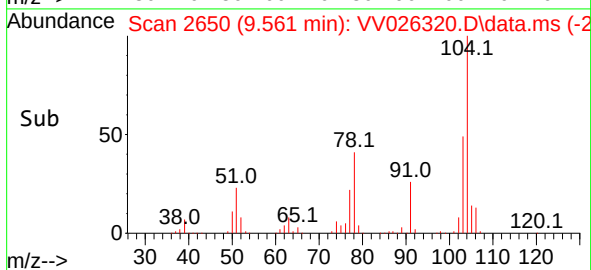
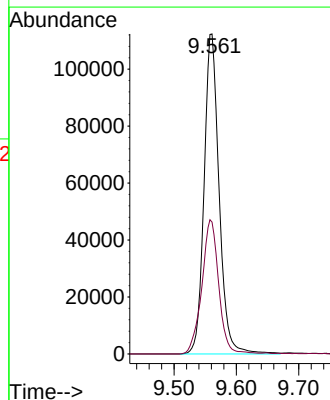
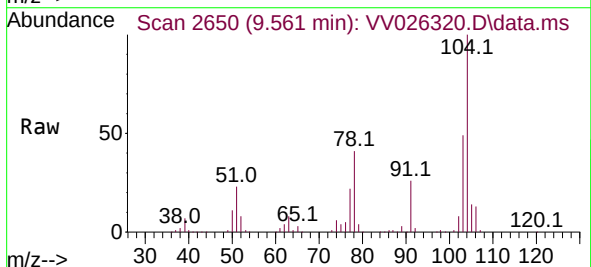
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

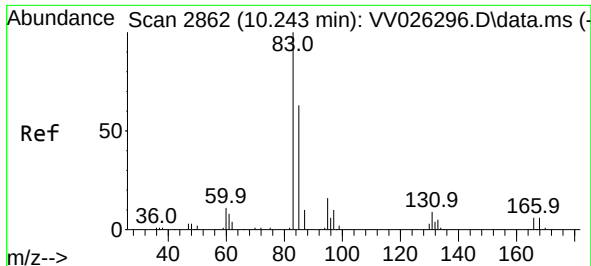
Tgt Ion:106 Resp: 109818
Ion Ratio Lower Upper
106 100
91 208.0 143.3 266.1



#55
Styrene
Concen: 5.579 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion:104 Resp: 188642
Ion Ratio Lower Upper
104 100
78 41.2 29.5 54.7

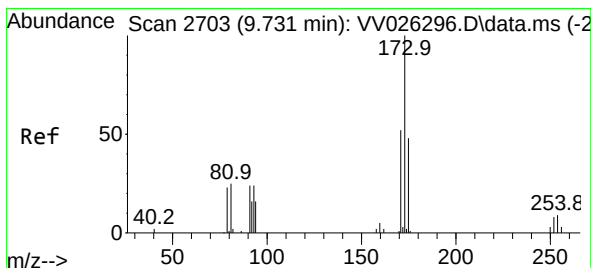
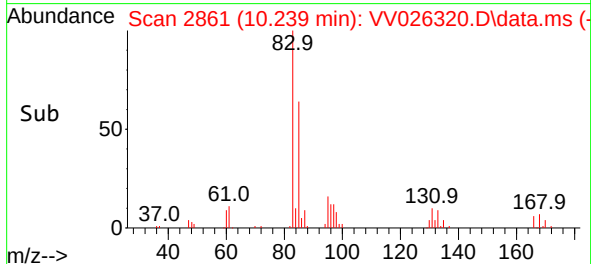
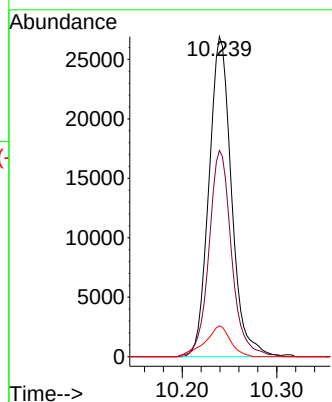
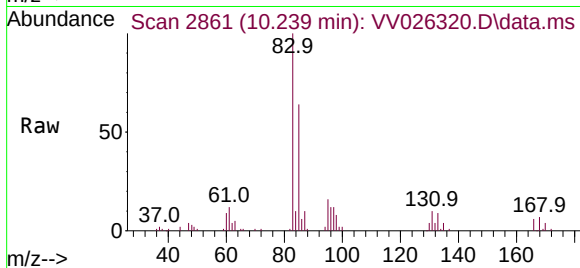




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.065 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

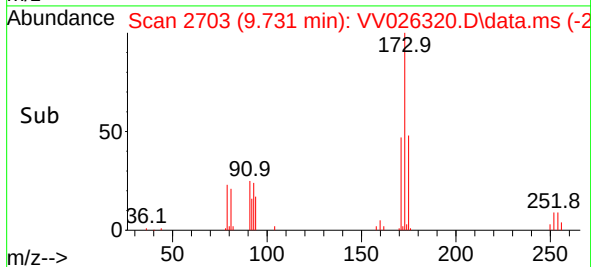
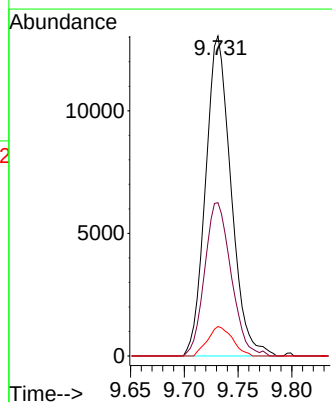
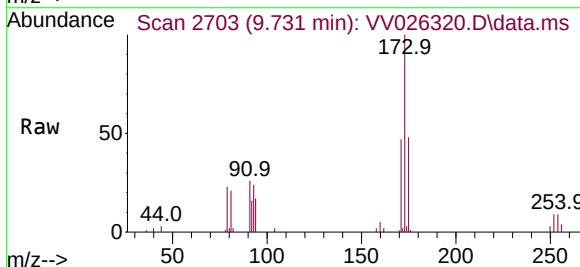
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

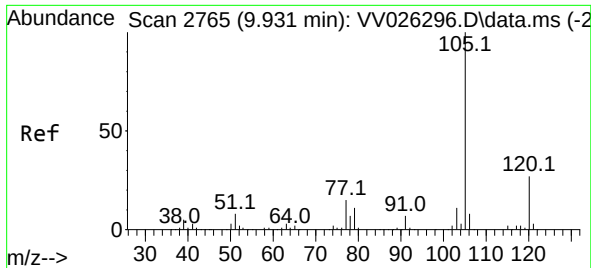
Tgt Ion:	83	Resp:	44601
Ion	Ratio	Lower	Upper
83	100		
85	64.4	47.1	87.5
131	9.7	7.7	11.5



#59
 Bromoform
 Concen: 5.002 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion:	173	Resp:	21471
Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.3	57.5
254	8.9	6.9	10.3

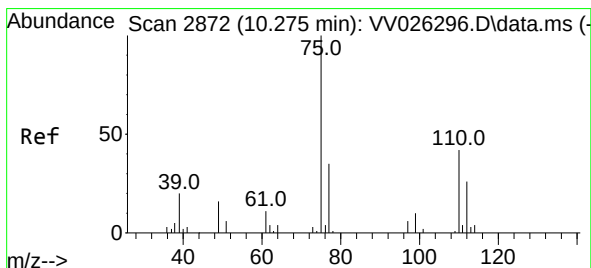
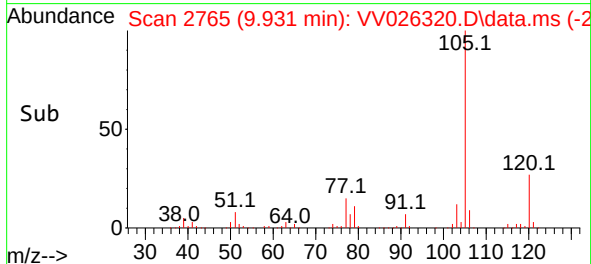
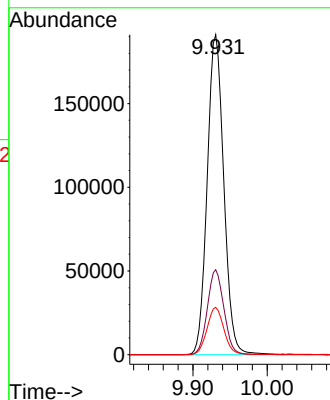
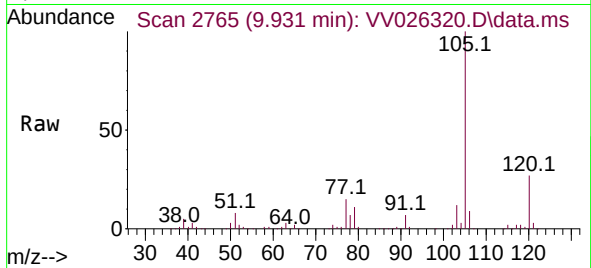




#60
Isopropylbenzene
Concen: 5.680 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

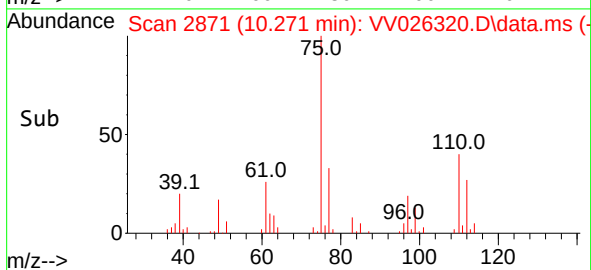
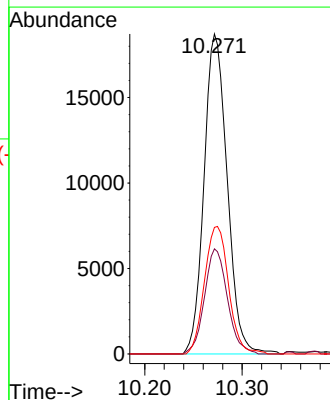
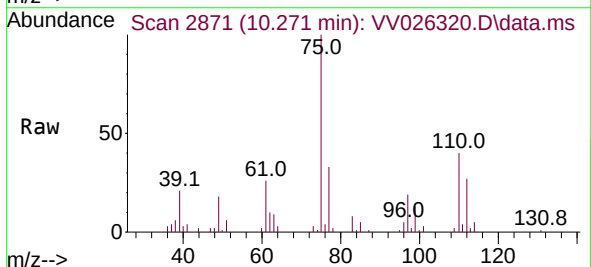
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

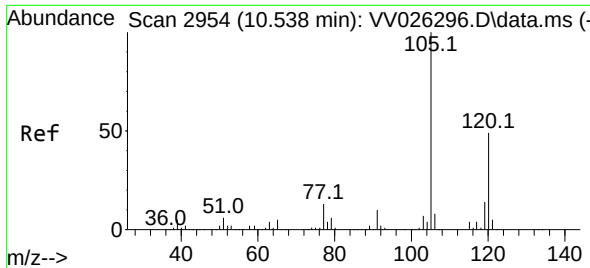
Tgt Ion:105 Resp: 296041
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.870 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 75 Resp: 30897
Ion Ratio Lower Upper
75 100
77 32.5 26.9 40.3
110 41.5 30.7 46.1

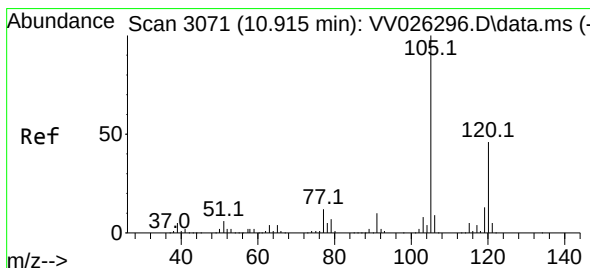
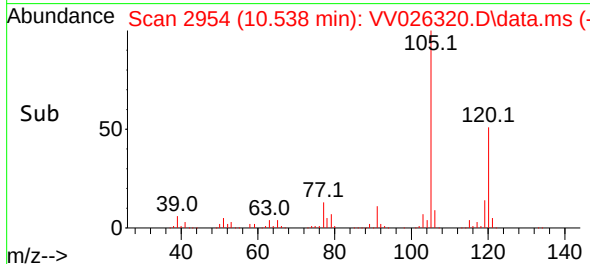
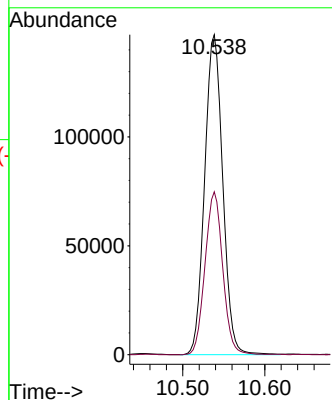
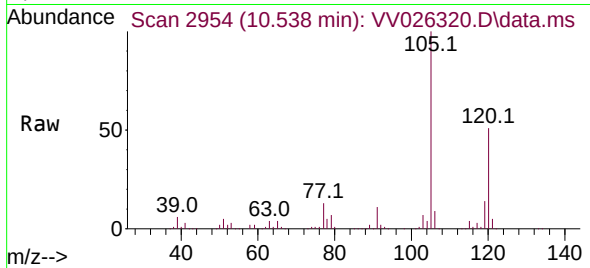




#62
 1,3,5-Trimethylbenzene
 Concen: 5.447 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

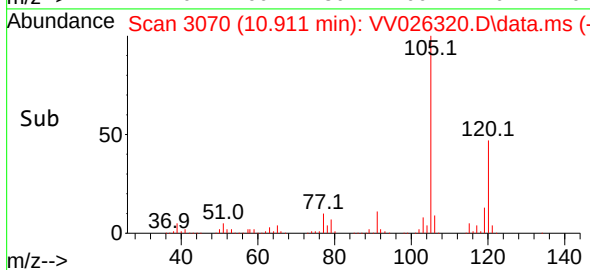
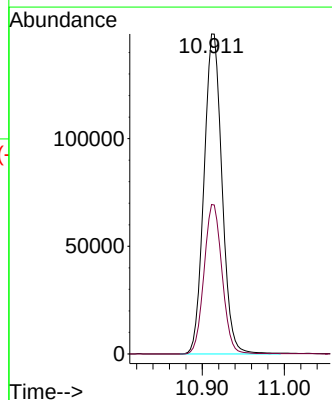
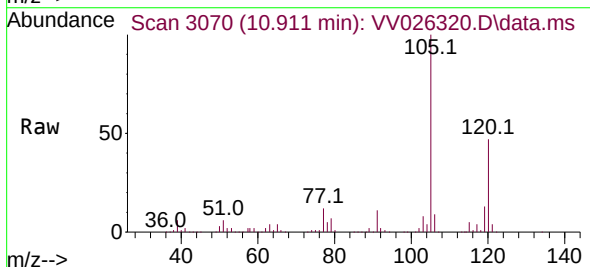
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

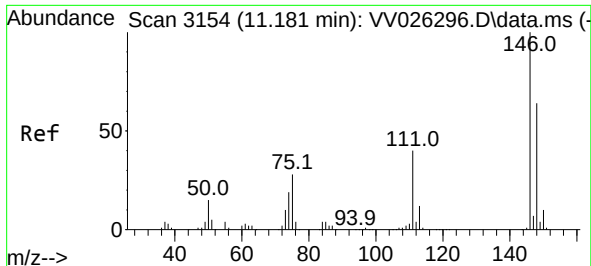
Tgt Ion:105 Resp: 225283
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.547 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion:105 Resp: 227058
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.9 55.3

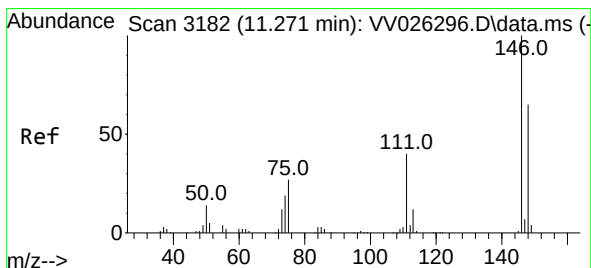
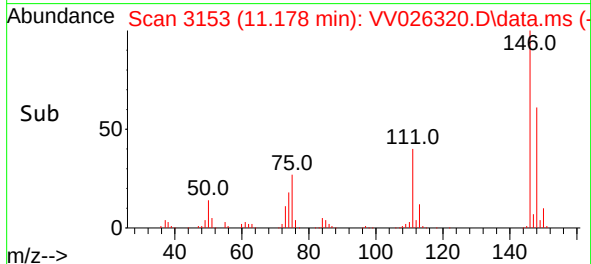
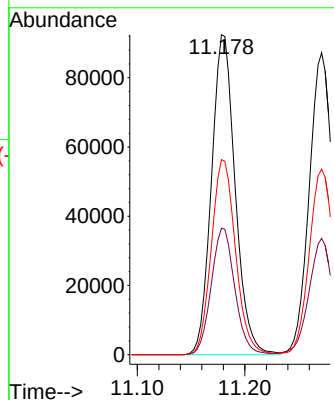
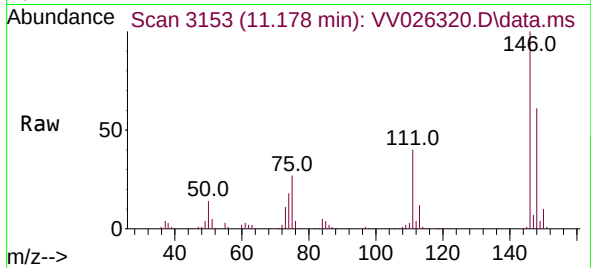




#64
1,3-Dichlorobenzene
Concen: 5.535 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

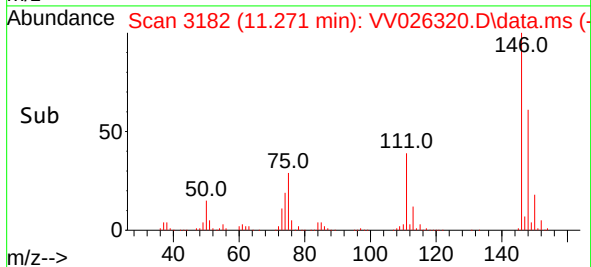
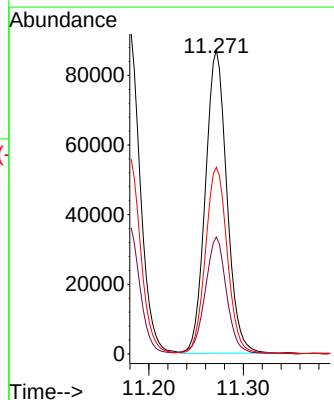
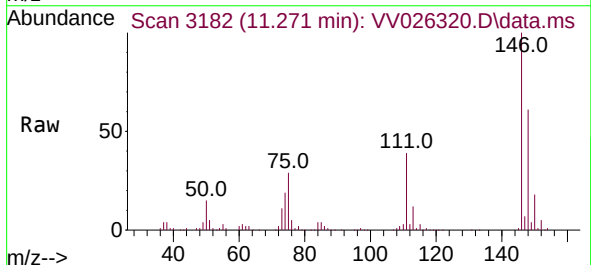
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

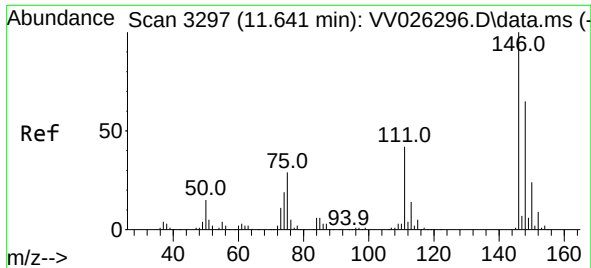
Tgt Ion:146 Resp: 141766
Ion Ratio Lower Upper
146 100
111 39.6 27.8 51.6
148 61.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.275 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion:146 Resp: 137291
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 61.4 43.3 80.3

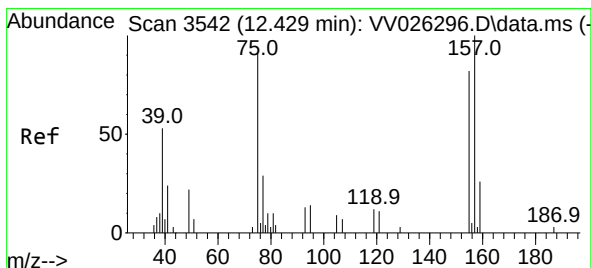
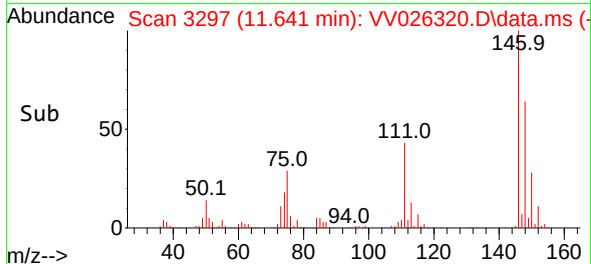
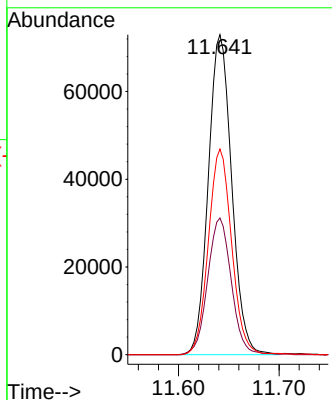
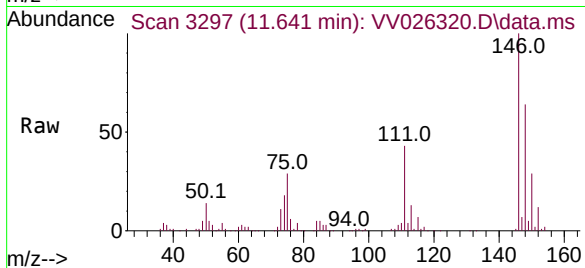




#67
1,2-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.641 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

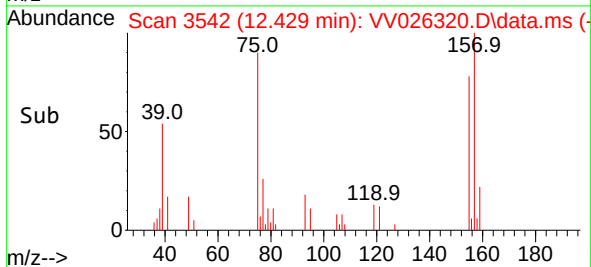
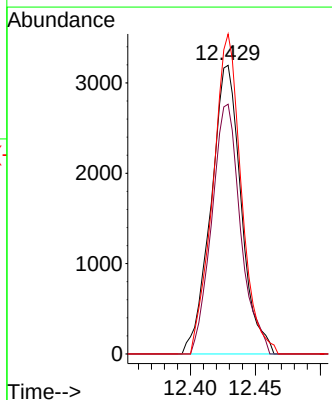
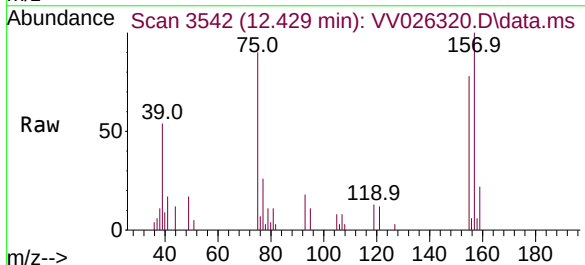
Instrument :
MSVOA_V
ClientSampleId :
VSTD005319

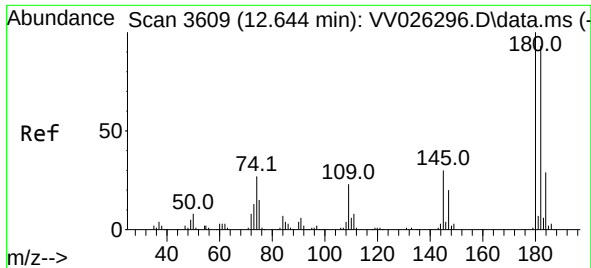
Tgt Ion:146 Resp: 117903
Ion Ratio Lower Upper
146 100
111 42.7 33.8 50.8
148 64.2 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.583 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV026320.D
Acq: 16 Jun 2022 09:38

Tgt Ion: 75 Resp: 5150
Ion Ratio Lower Upper
75 100
155 86.5 63.7 95.5
157 110.9 85.0 127.6

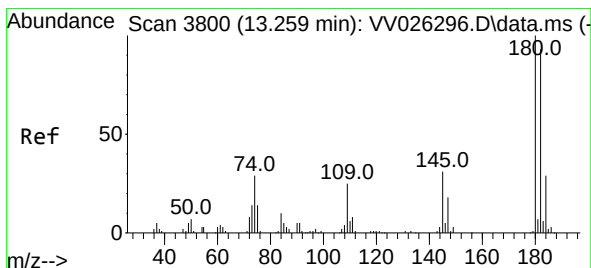
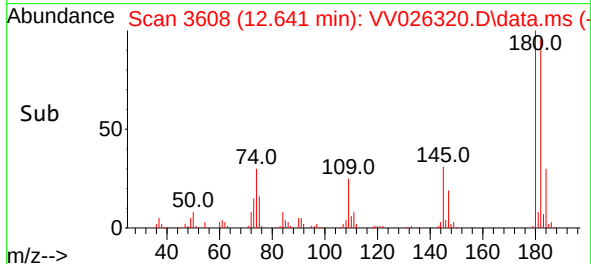
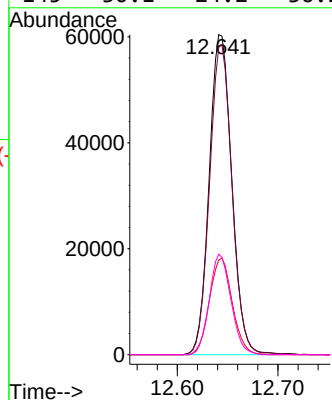
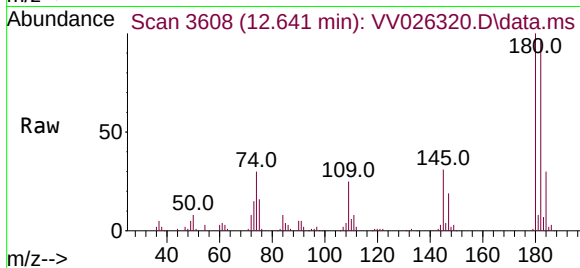




#69
 1,3,5-Trichlorobenzene
 Concen: 5.089 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

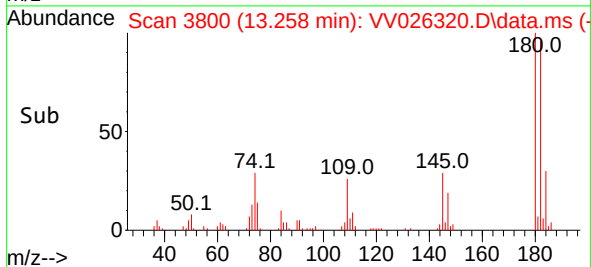
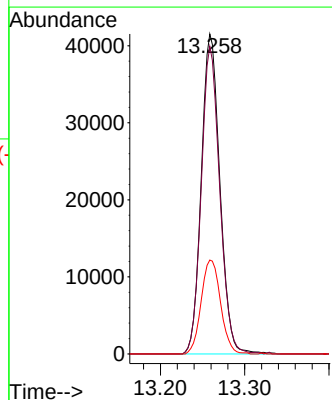
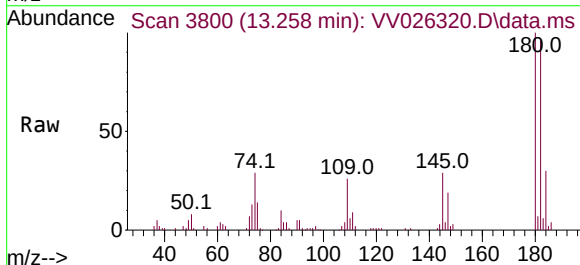
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

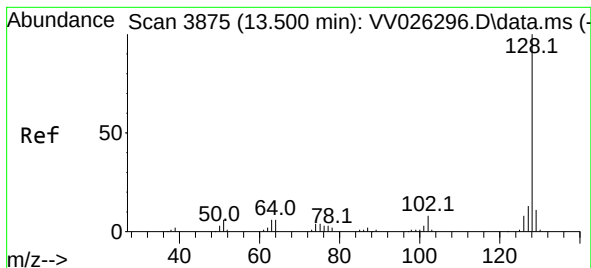
Tgt Ion:180	Resp:	94239
Ion	Ratio	Lower Upper
180	100	
182	96.2	75.5 113.3
184	30.5	23.7 35.5
145	30.1	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.673 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026320.D
 Acq: 16 Jun 2022 09:38

Tgt Ion:180	Resp:	63815
Ion	Ratio	Lower Upper
180	100	
182	95.4	76.2 114.2
145	30.6	23.9 35.9





#71

Naphthalene

Concen: 4.111 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005319

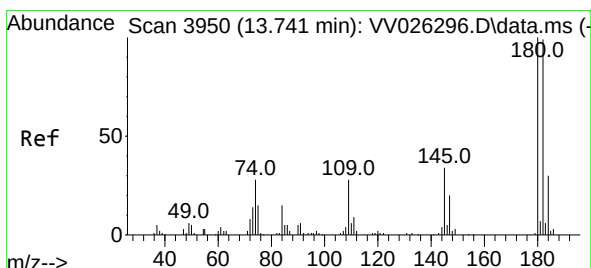
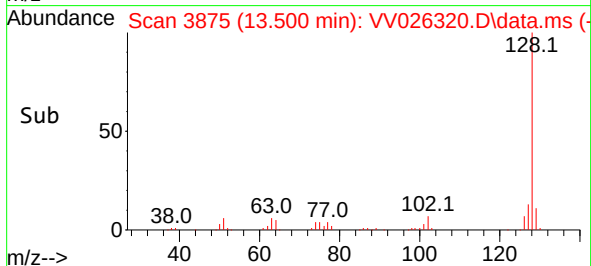
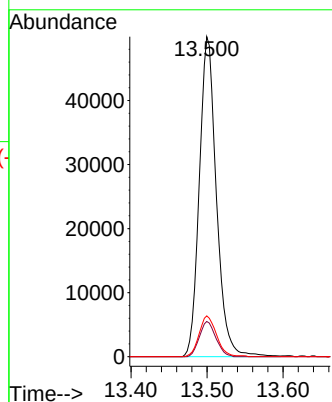
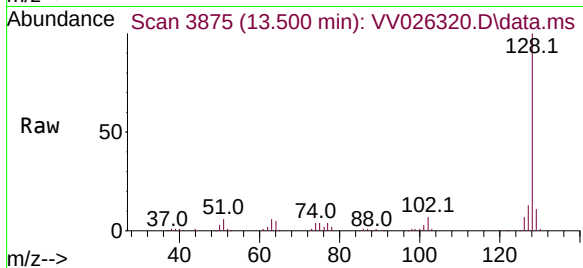
Tgt Ion:128 Resp: 77952

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 13.0 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.397 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026320.D

Acq: 16 Jun 2022 09:38

Tgt Ion:180 Resp: 50278

Ion Ratio Lower Upper

180 100

182 99.2 77.9 116.9

145 33.5 26.7 40.1

