

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092721\
 Data File : VW022333.D
 Acq On : 27 Sep 2021 14:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: Sep 28 01:26:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 28 01:24:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27021	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.565	69	36025	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.105	63	69770	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.896	46	135741	52.596	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.346	84	93550	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.031	65	43966	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	174423	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	56672	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.314	98	152985	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.622	79	15807	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	106991	51.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45682	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	62494	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	52458	5.375	ug/L	99
3) Chloromethane	1.240	50	52843	5.419	ug/L	99
5) Vinyl chloride	1.307	62	51279	5.467	ug/L	98
6) Bromomethane	1.520	94	33234	5.527	ug/L	99
8) Chloroethane	1.584	64	32622	5.522	ug/L	95
9) Trichlorofluoromethane	1.751	101	71982	5.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	43105	5.575	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39930	5.669	ug/L	86
13) Acetone	2.188	43	71469	48.842	ug/L	98
14) Carbon disulfide	2.291	76	130593	5.452	ug/L	98
15) Methyl Acetate	2.439	43	17276	5.320	ug/L	93
16) Methylene chloride	2.503	84	52570	4.289	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	94924	5.067	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	47065	5.593	ug/L	98
19) 1,1-Dichloroethane	3.185	63	82283	5.543	ug/L	97
21) 2-Butanone	3.979	43	110548	49.939	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	47533	5.684	ug/L	96
23) Bromochloromethane	4.249	128	21779	5.517	ug/L	94
25) Chloroform	4.372	83	84261	5.555	ug/L	100

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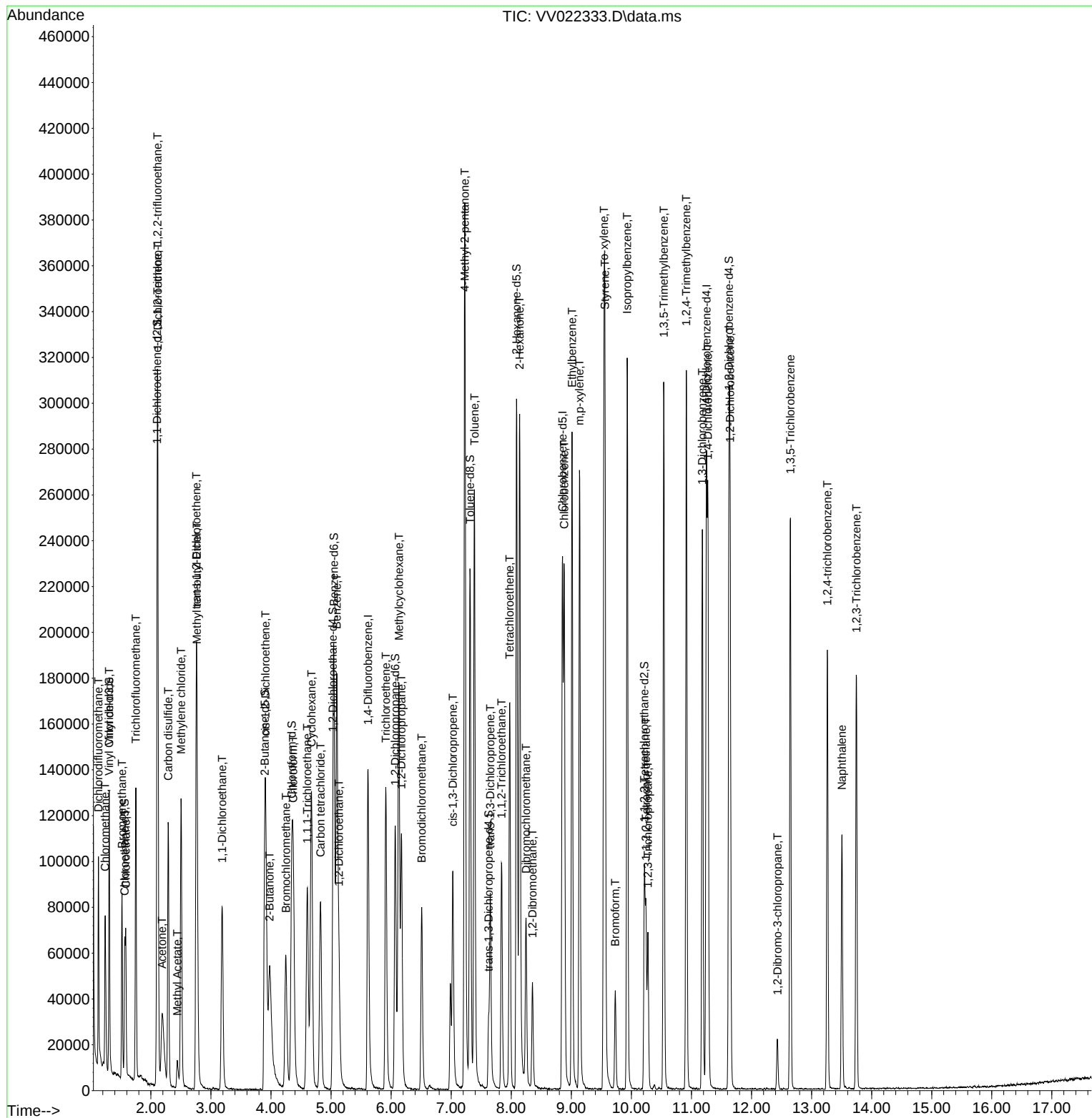
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46652	5.267	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	70619	5.398	ug/L	99
30) Cyclohexane	4.674	56	69179	5.296	ug/L	99
31) Carbon tetrachloride	4.825	117	61731	5.554	ug/L	98
33) Benzene	5.095	78	183266	5.546	ug/L	100
34) Trichloroethene	5.912	95	46465	5.534	ug/L	97
35) Methylcyclohexane	6.130	83	72018	5.371	ug/L	99
37) 1,2-Dichloropropane	6.172	63	45049	5.400	ug/L	99
38) Bromodichloromethane	6.510	83	54485	5.421	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	59213	5.367	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	261967	48.726	ug/L	99
42) Toluene	7.387	91	195252	5.578	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	49140	5.211	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	32716	5.187	ug/L	97
47) Tetrachloroethene	7.973	164	39636	5.566	ug/L	97
48) 2-Hexanone	8.140	43	189554	50.176	ug/L	99
49) Dibromochloromethane	8.246	129	37519	5.531	ug/L	92
50) 1,2-Dibromoethane	8.352	107	29789	5.079	ug/L	94
51) Chlorobenzene	8.883	112	124045	5.395	ug/L	99
52) Ethylbenzene	9.011	91	199661	5.483	ug/L	99
53) m,p-xylene	9.137	106	77344	5.500	ug/L	96
54) o-xylene	9.545	106	73356	5.353	ug/L	94
55) Styrene	9.561	104	131875	5.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	36373	4.644	ug/L	97
59) Bromoform	9.731	173	19550	5.130	ug/L	98
60) Isopropylbenzene	9.931	105	201350	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27101	4.575	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	162363	5.223	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	166837	5.385	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	101099	5.396	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	100136	5.274	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	94227	5.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5207	4.421	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	76388	5.376	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58533	5.170	ug/L	98
71) Naphthalene	13.506	128	87363	4.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	54891	5.188	ug/L	97

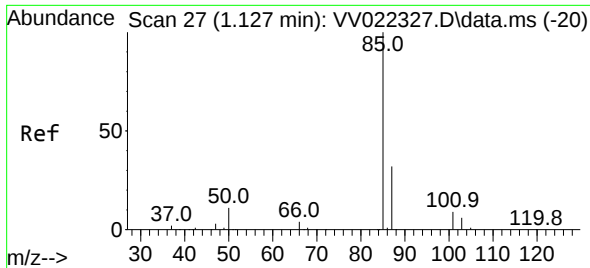
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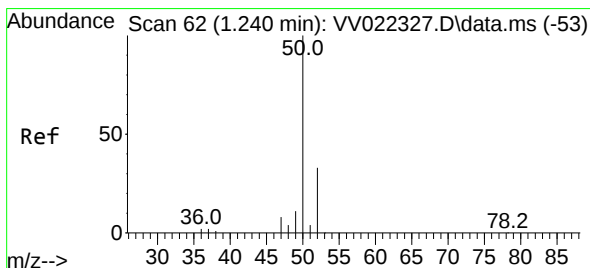
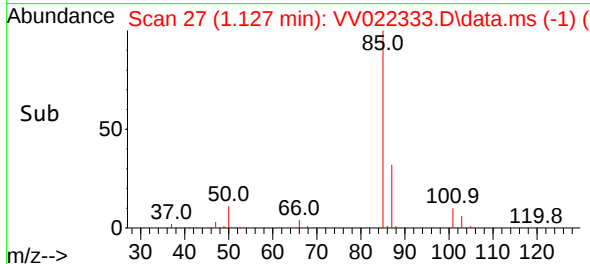
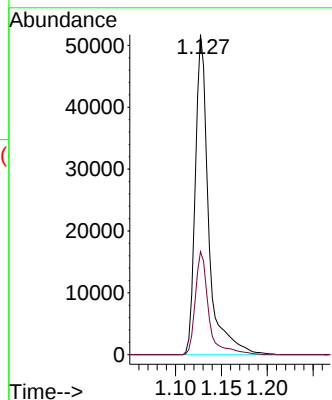
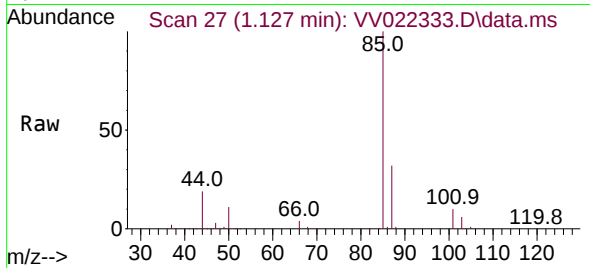




#2
 Dichlorodifluoromethane
 Concen: 5.375 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

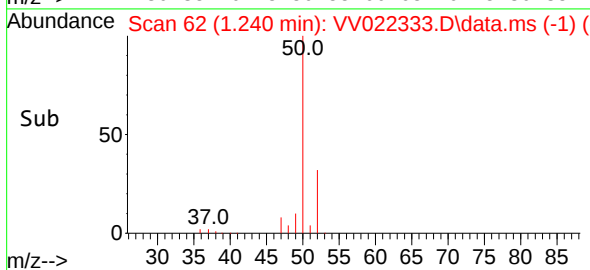
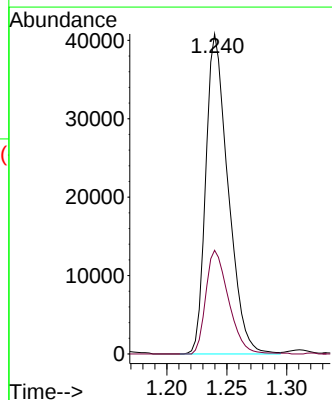
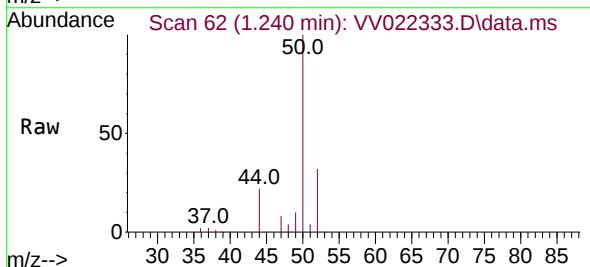
Instrument :
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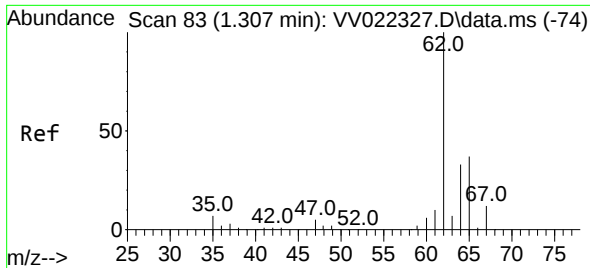
Tgt Ion: 85 Resp: 52458
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.4 39.6



#3
 Chloromethane
 Concen: 5.419 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Tgt Ion: 50 Resp: 52843
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.2 41.2

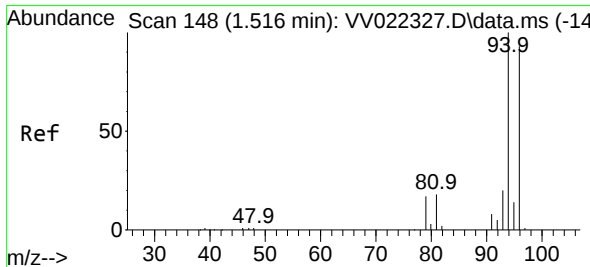
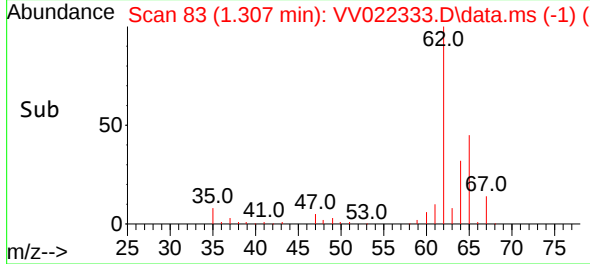
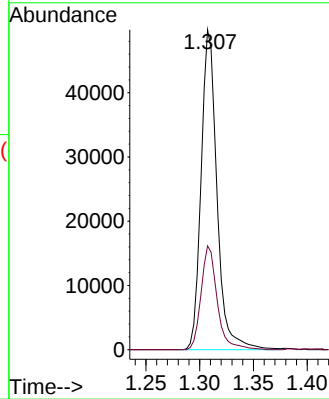
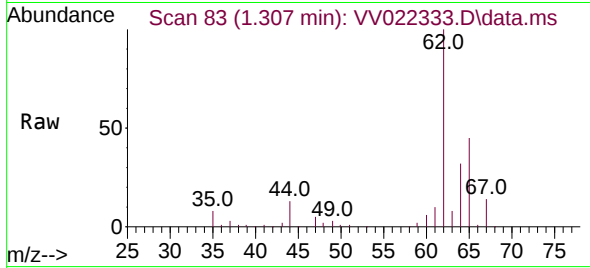




#5
 Vinyl chloride
 Concen: 5.467 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

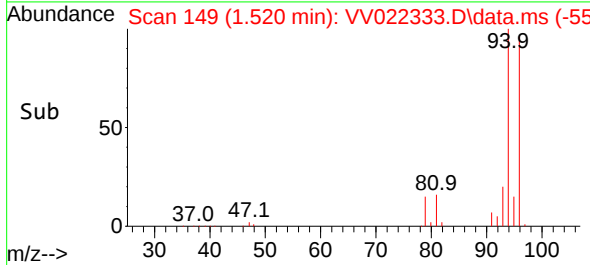
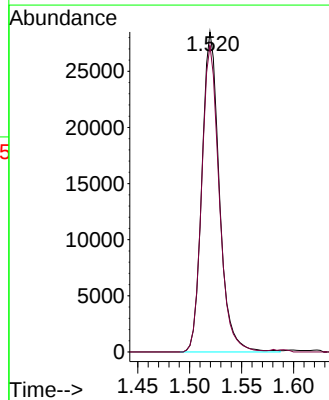
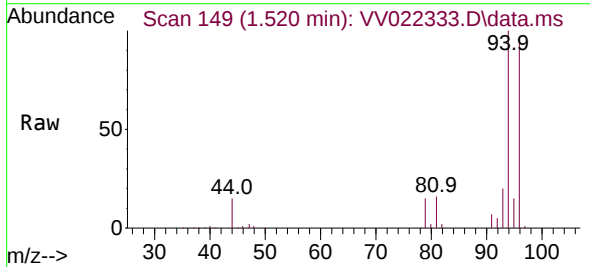
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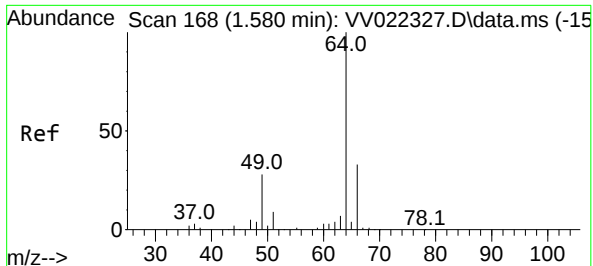
Tgt Ion: 62 Resp: 51279
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 5.527 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Tgt Ion: 94 Resp: 33234
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.6 123.8

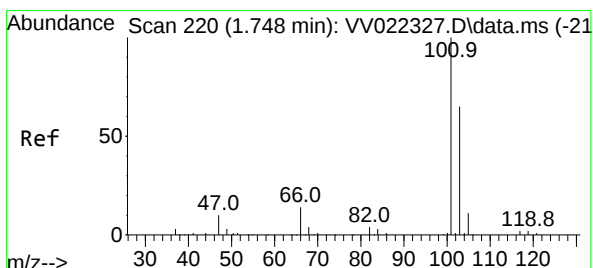
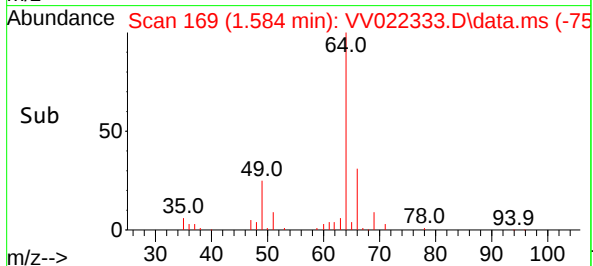
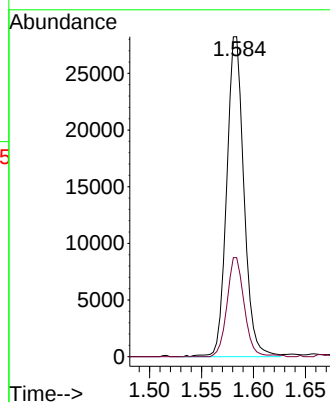
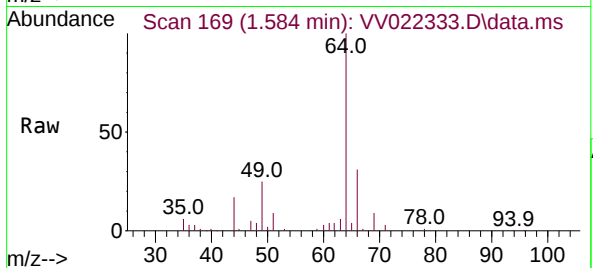




#8
Chloroethane
Concen: 5.522 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

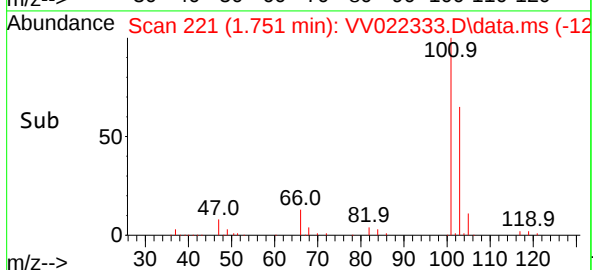
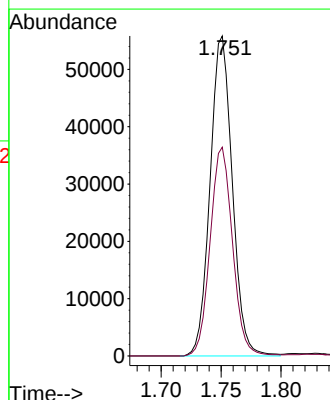
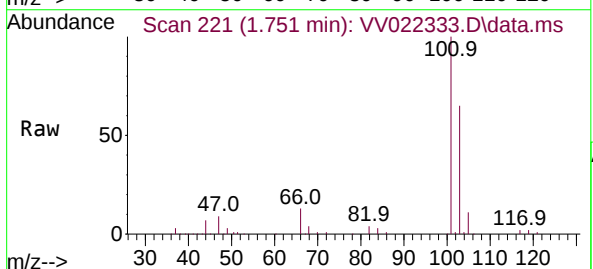
Instrument :
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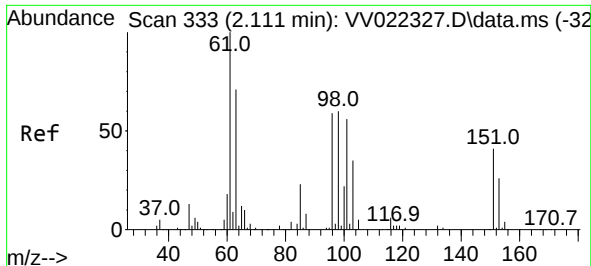
Tgt Ion: 64 Resp: 32622
Ion Ratio Lower Upper
64 100
66 31.0 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.548 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:101 Resp: 71982
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.575 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion:101 Resp: 43105

Ion Ratio Lower Upper

101 100

85 42.2 35.2 52.8

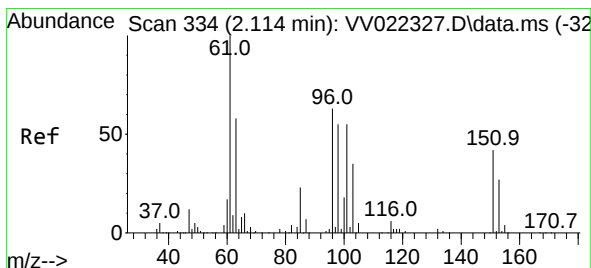
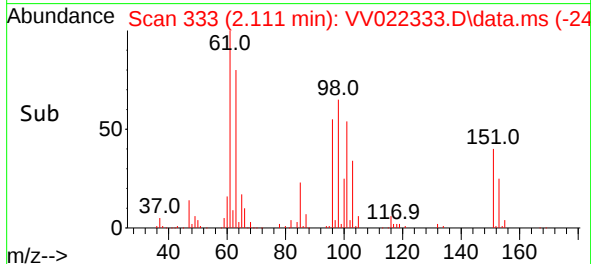
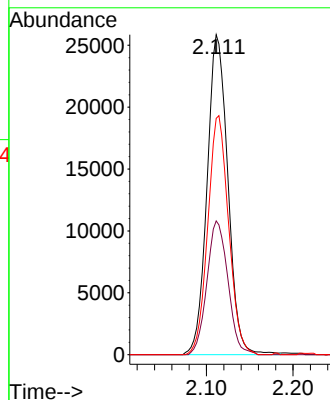
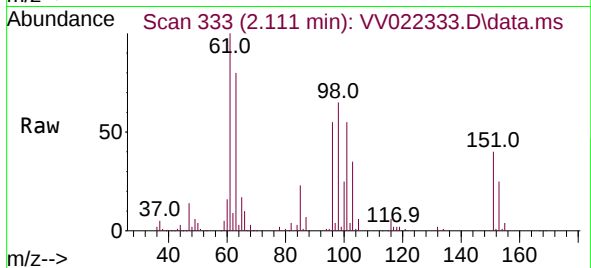
151 74.9 58.8 88.2

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293



#12

1,1-Dichloroethene

Concen: 5.669 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

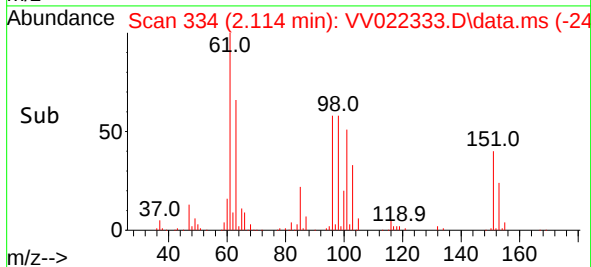
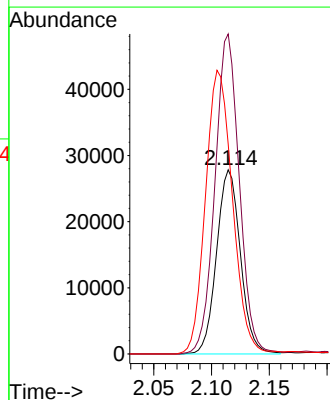
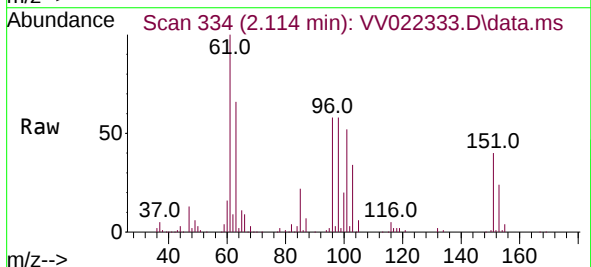
Tgt Ion: 96 Resp: 39930

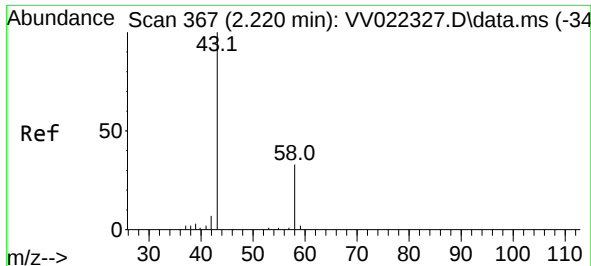
Ion Ratio Lower Upper

96 100

61 173.7 127.4 236.6

63 113.9 100.0 185.6

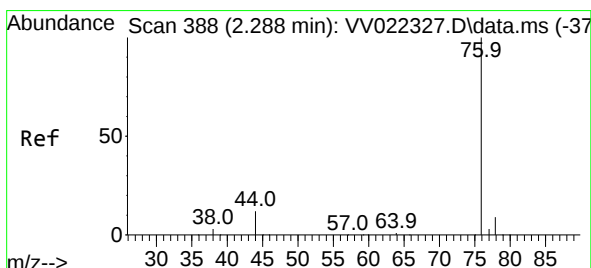
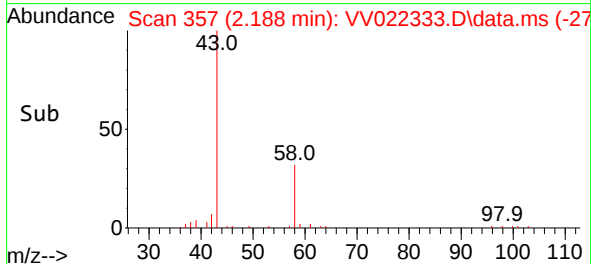
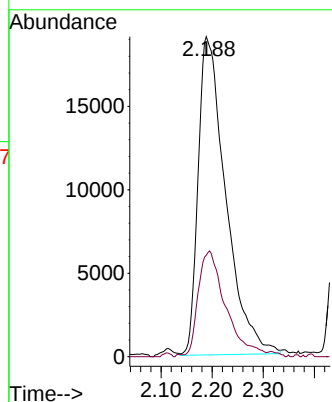
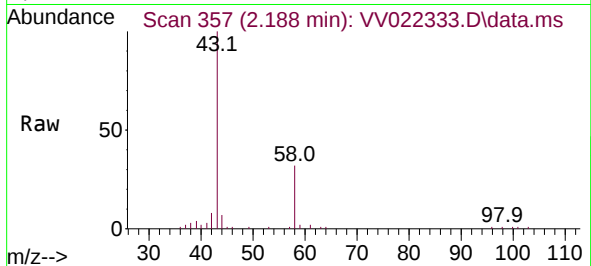




#13
Acetone
Concen: 48.842 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.032 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

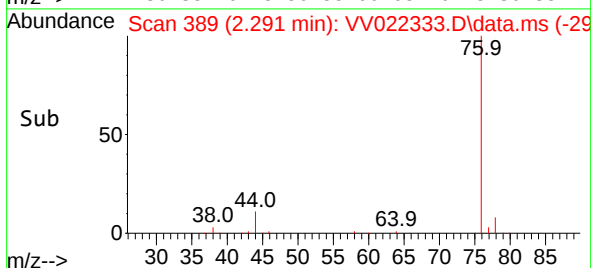
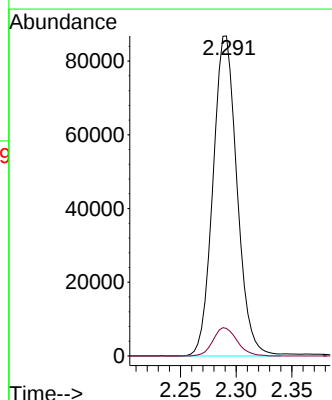
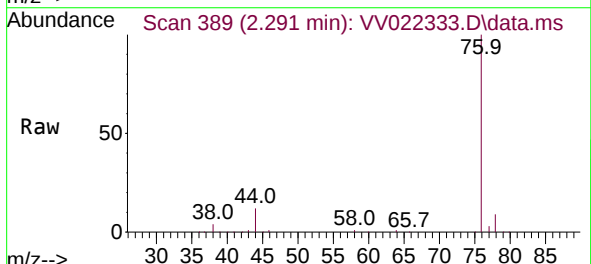
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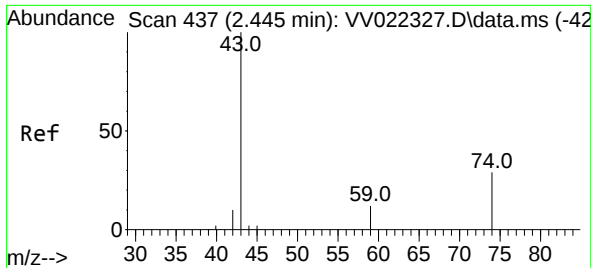
Tgt Ion: 43 Resp: 71469
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.2



#14
Carbon disulfide
Concen: 5.452 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 130593
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

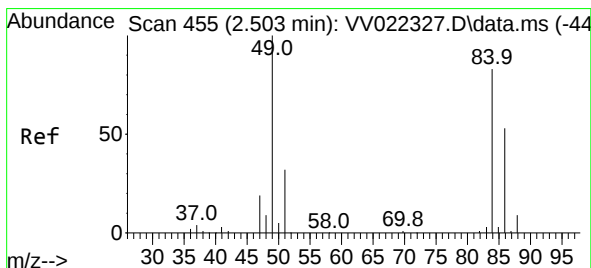
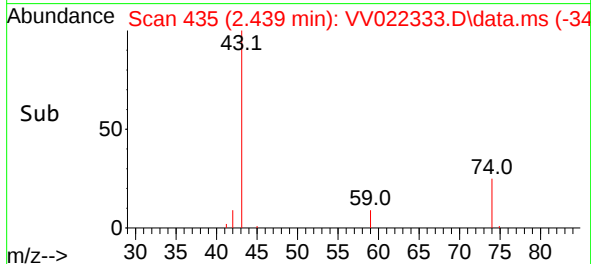
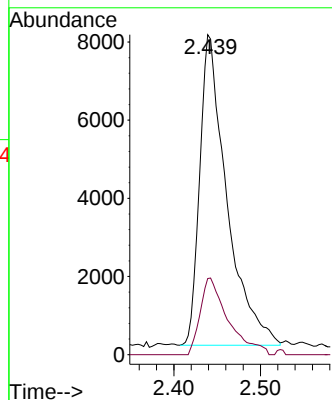
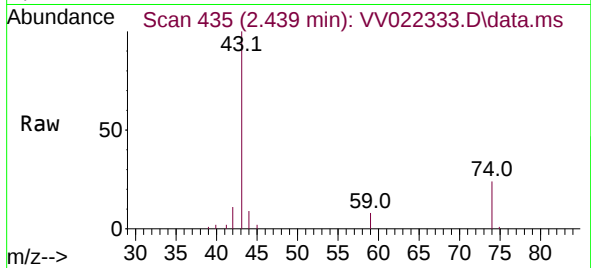




#15
Methyl Acetate
Concen: 5.320 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.006 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

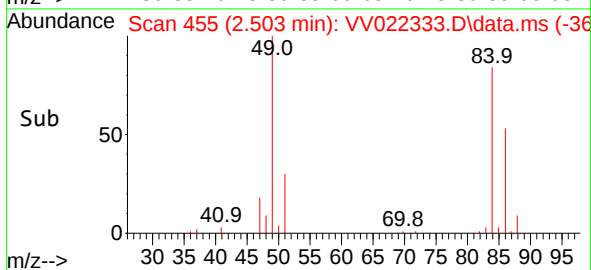
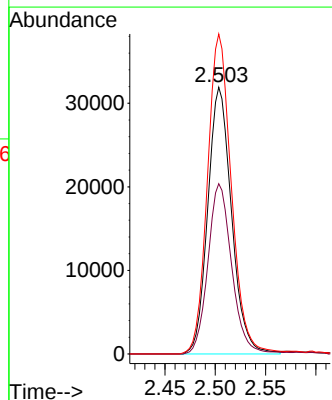
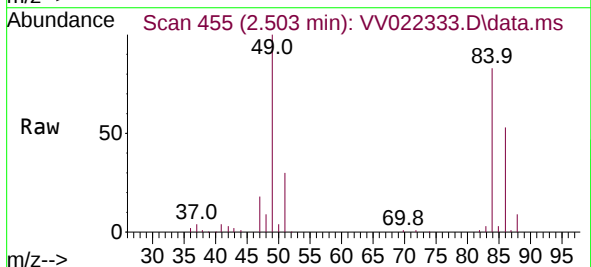
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

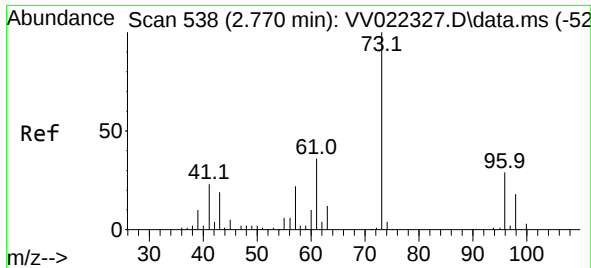
Tgt Ion: 43 Resp: 17276
Ion Ratio Lower Upper
43 100
74 25.4 17.5 26.3



#16
Methylene chloride
Concen: 4.289 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 84 Resp: 52570
Ion Ratio Lower Upper
84 100
86 63.8 47.1 87.5
49 120.0 86.9 161.5

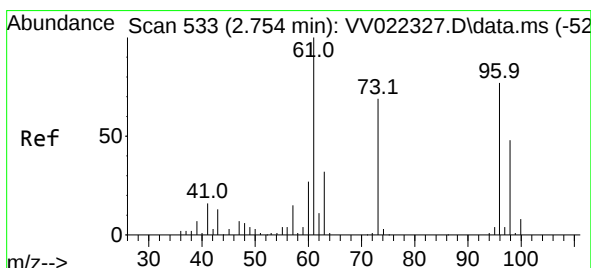
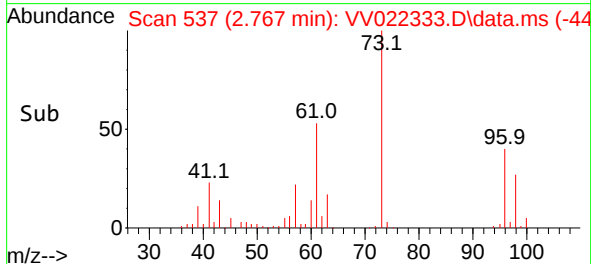
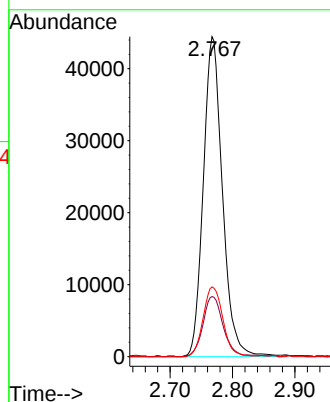
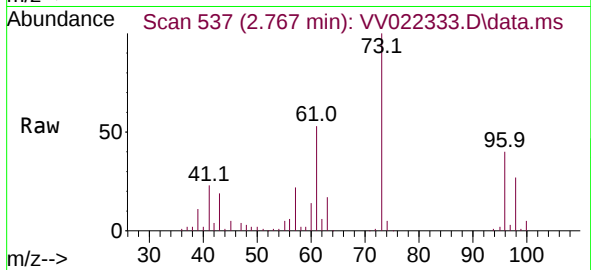




#17
Methyl tert-butyl Ether
Concen: 5.067 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

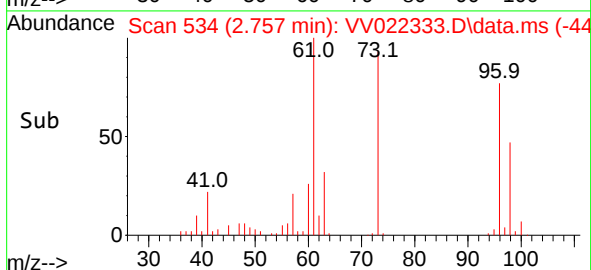
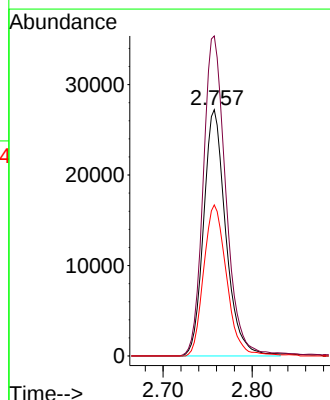
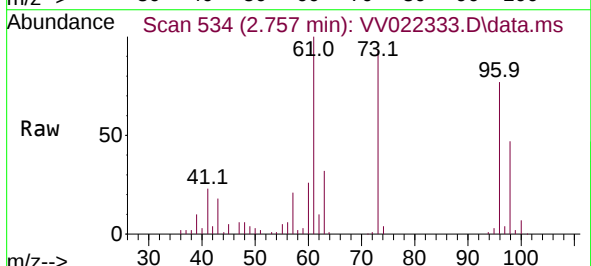
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

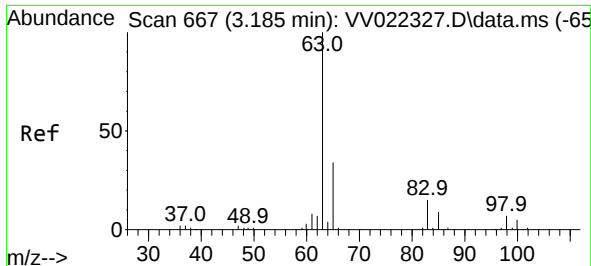
Tgt Ion: 73	Resp: 94924
Ion Ratio	Lower Upper
73 100	
43 19.7	15.0 22.6
57 22.4	18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.593 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 96	Resp: 47065
Ion Ratio	Lower Upper
96 100	
61 130.0	92.0 170.9
98 61.4	44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.543 ug/L

RT: 3.185 min Scan# 667

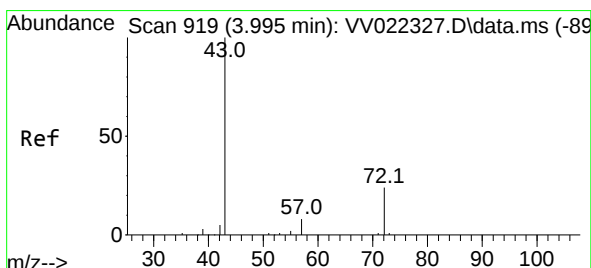
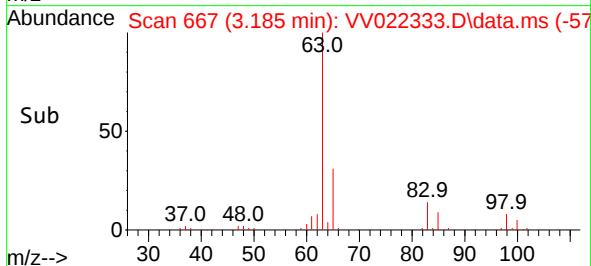
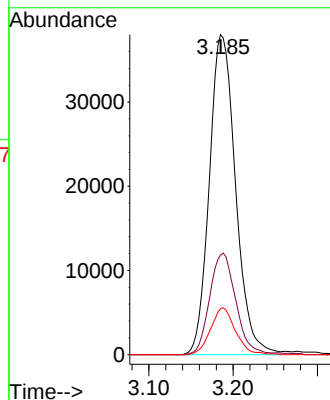
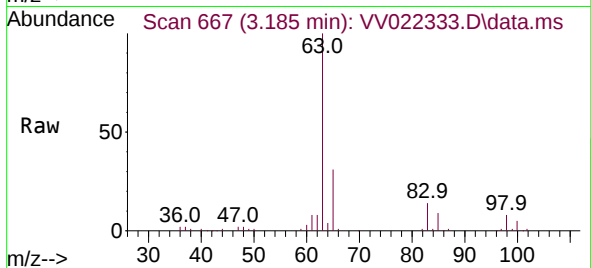
Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion:	63	Resp:	82283
Ion	Ratio	Lower	Upper
63	100		
65	31.2	20.6	38.4
83	14.4	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293



#21

2-Butanone

Concen: 49.939 ug/L

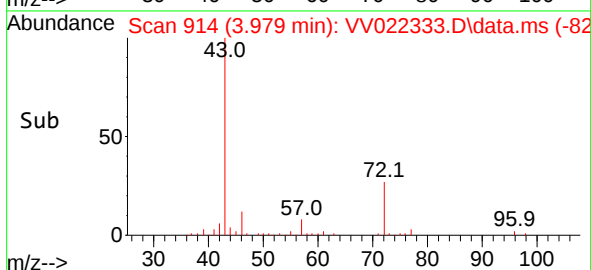
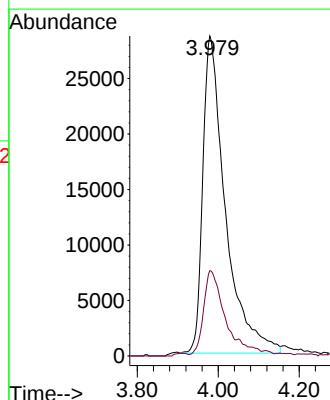
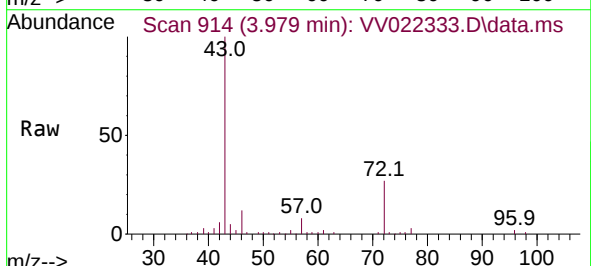
RT: 3.979 min Scan# 914

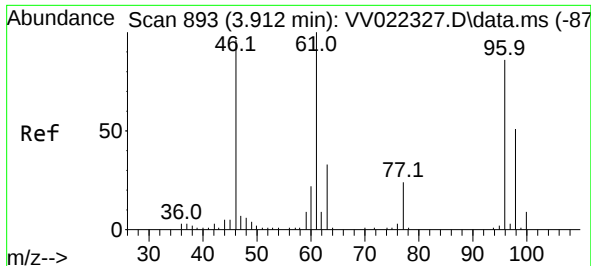
Delta R.T. -0.016 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion:	43	Resp:	110548
Ion	Ratio	Lower	Upper
43	100		
72	22.2	12.4	37.2

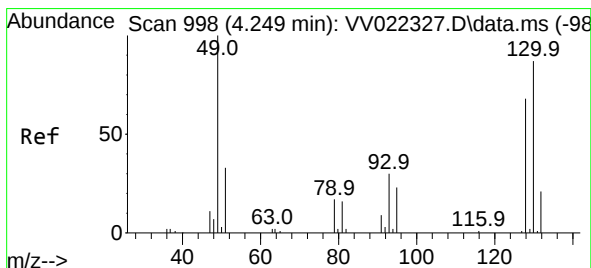
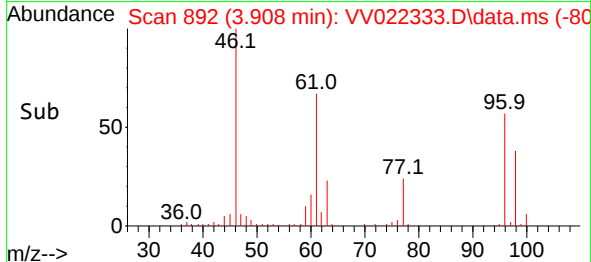
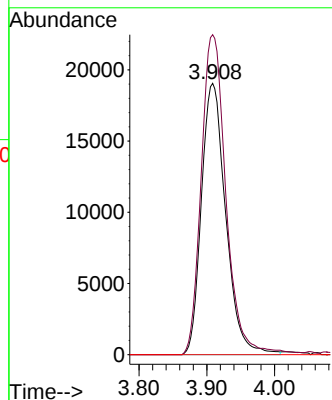
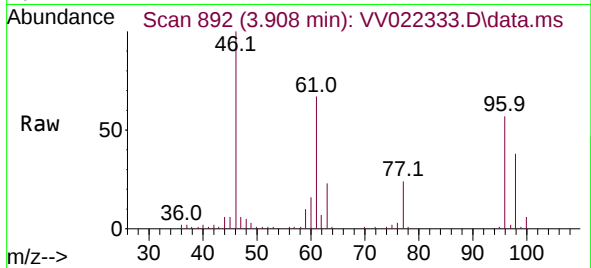




#22
 cis-1,2-Dichloroethene
 Concen: 5.684 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.003 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

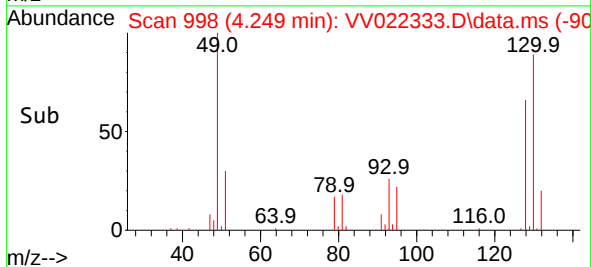
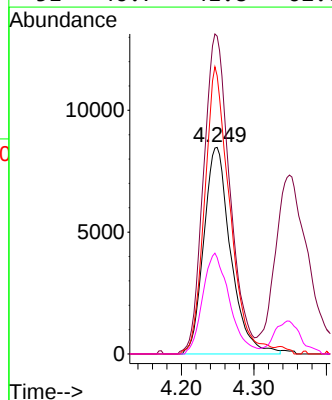
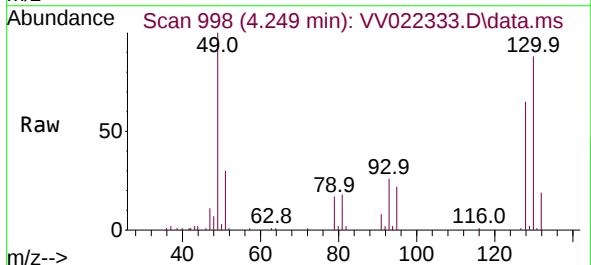
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

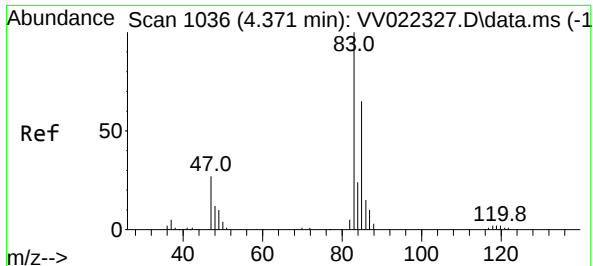
Tgt Ion: 96 Resp: 47533
 Ion Ratio Lower Upper
 96 100
 61 117.9 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.517 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Tgt Ion: 128 Resp: 21779
 Ion Ratio Lower Upper
 128 100
 49 153.8 110.9 205.9
 130 134.6 88.3 163.9
 51 46.7 41.8 62.6





#25

Chloroform

Concen: 5.555 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion: 83 Resp: 84261

Ion Ratio Lower Upper

83 100

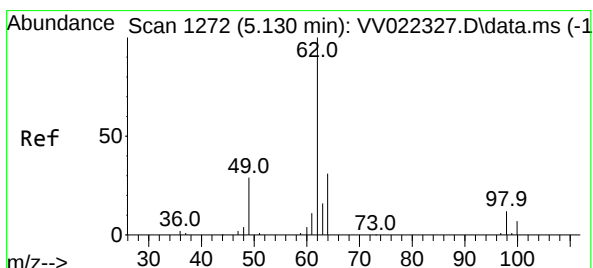
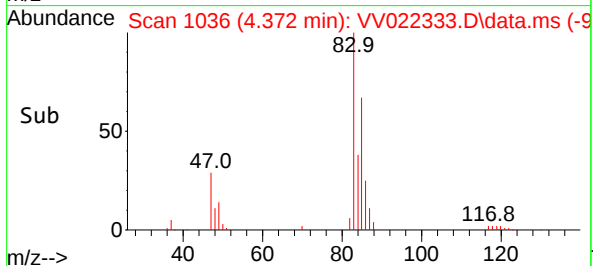
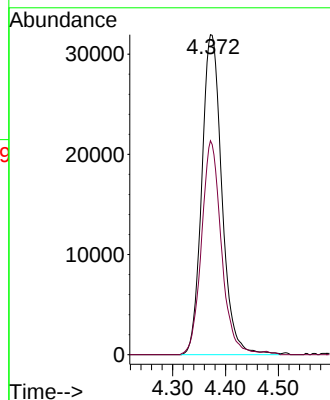
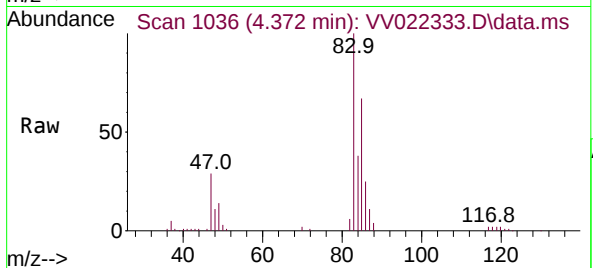
85 66.9 47.0 87.2

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293



#27

1,2-Dichloroethane

Concen: 5.267 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV022333.D

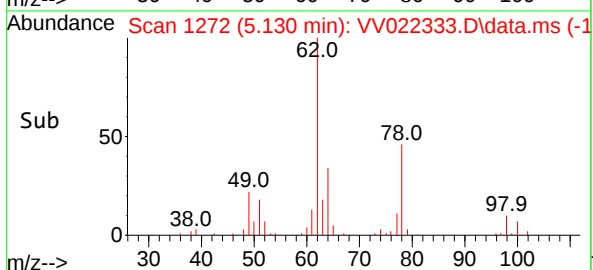
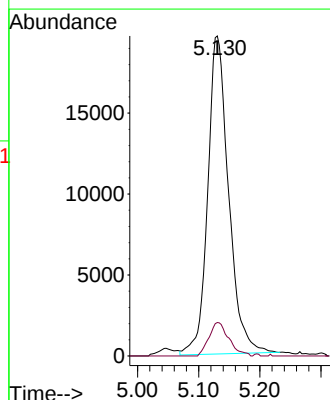
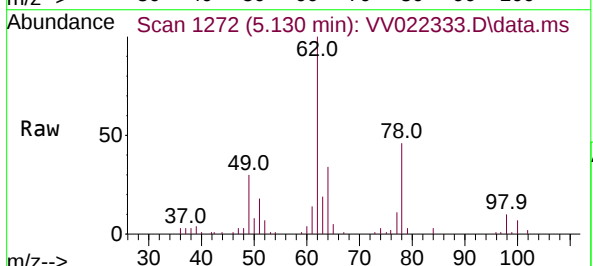
Acq: 27 Sep 2021 14:51

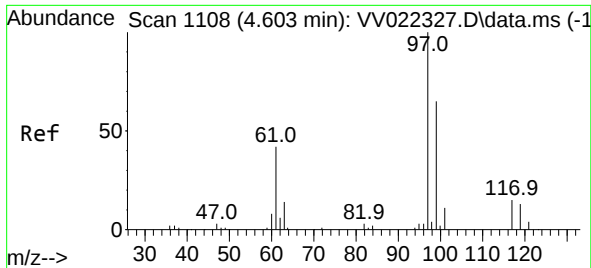
Tgt Ion: 62 Resp: 46652

Ion Ratio Lower Upper

62 100

98 10.4 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.398 ug/L

RT: 4.606 min Scan# 1109

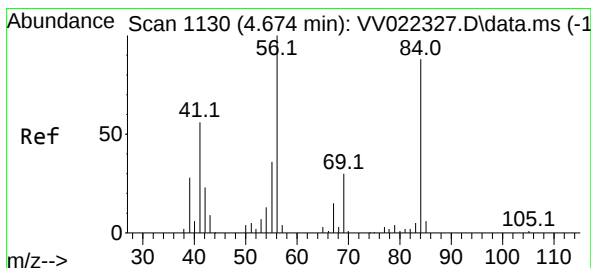
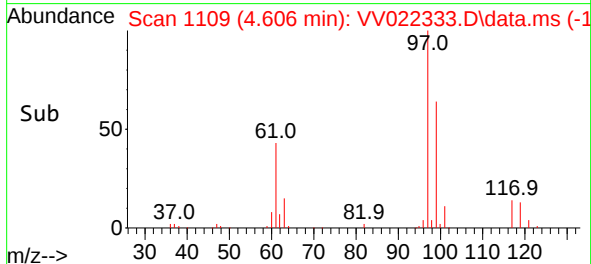
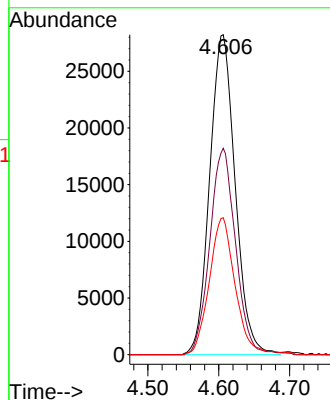
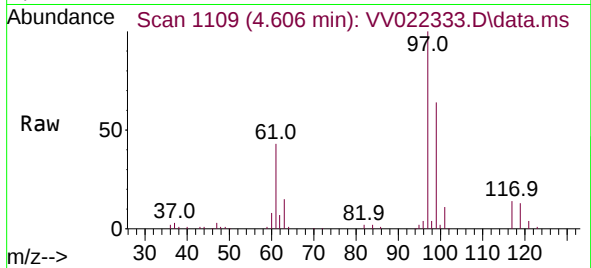
Delta R.T. 0.003 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion:	97	Resp:	70619
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.5	77.3
61	43.4	35.5	53.3

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293



#30

Cyclohexane

Concen: 5.296 ug/L

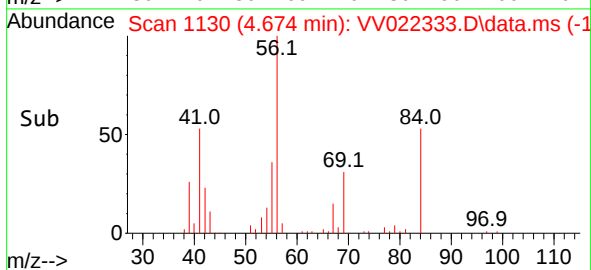
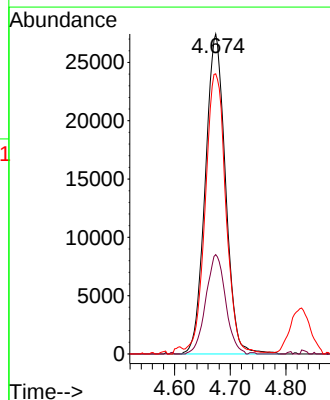
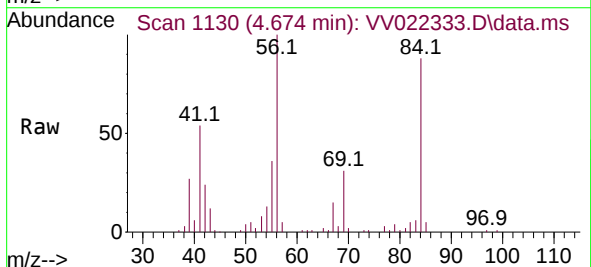
RT: 4.674 min Scan# 1130

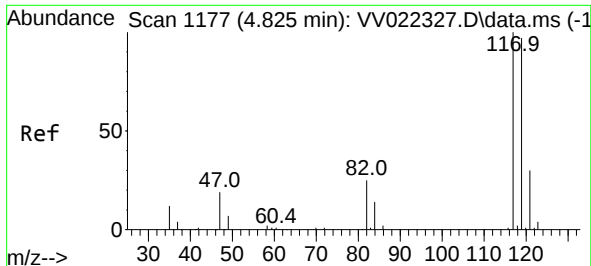
Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion:	56	Resp:	69179
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.1	36.1
84	87.5	70.8	106.2

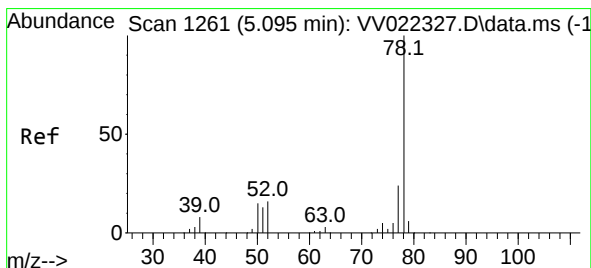
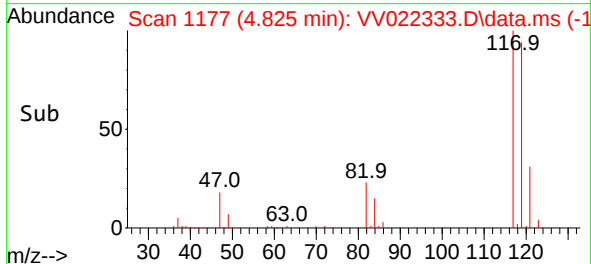
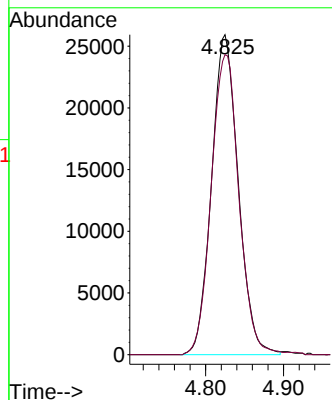
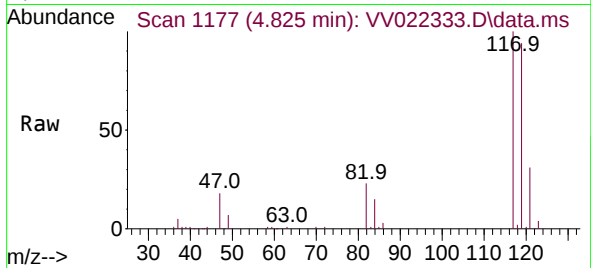




#31
Carbon tetrachloride
Concen: 5.554 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

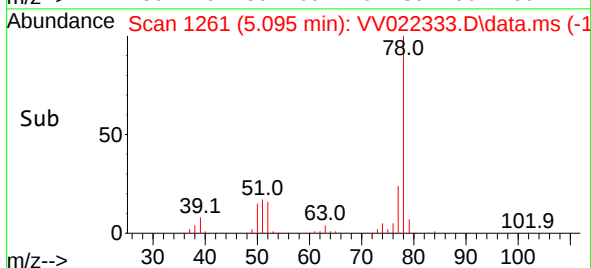
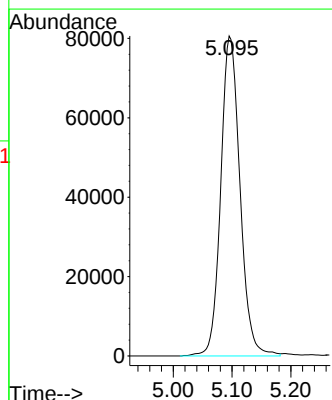
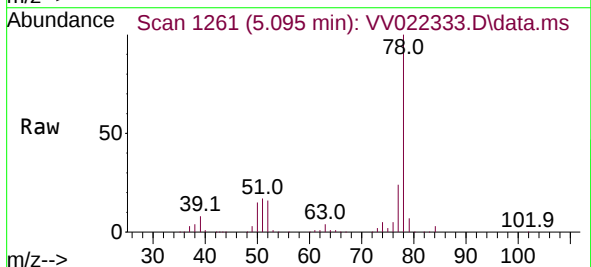
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

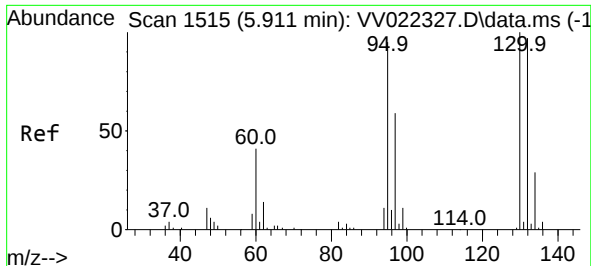
Tgt Ion:117 Resp: 61731
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7



#33
Benzene
Concen: 5.546 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 78 Resp: 183266



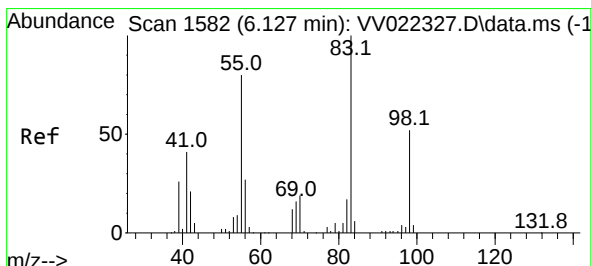
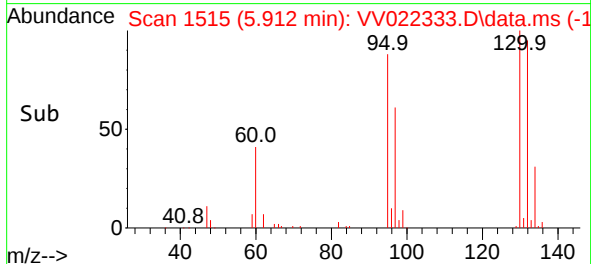
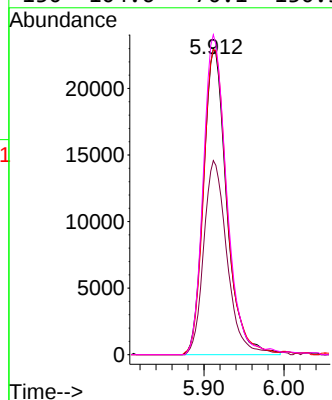
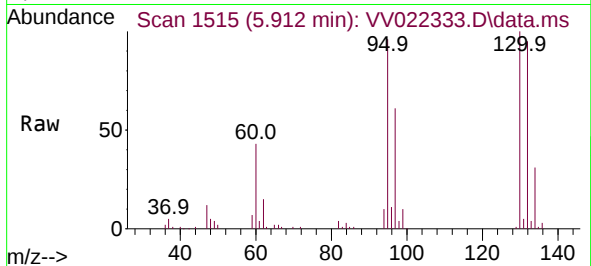


#34
Trichloroethene
Concen: 5.534 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

Tgt Ion: 95 Resp: 46465

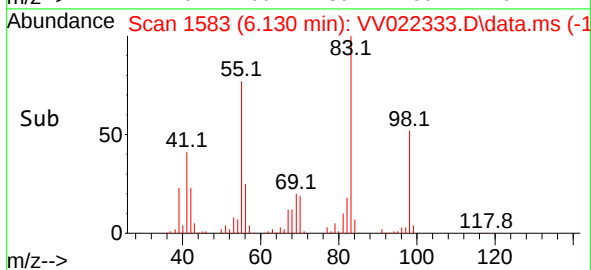
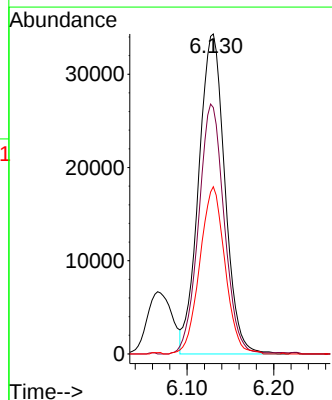
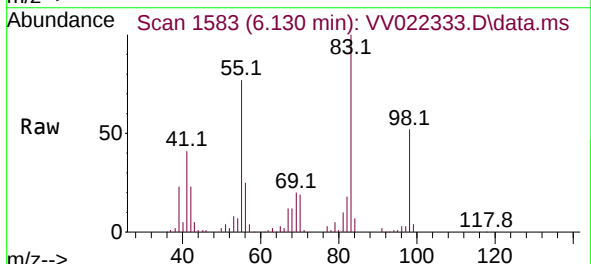
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.7	82.9
132	99.7	67.5	125.3
130	104.6	70.1	130.3

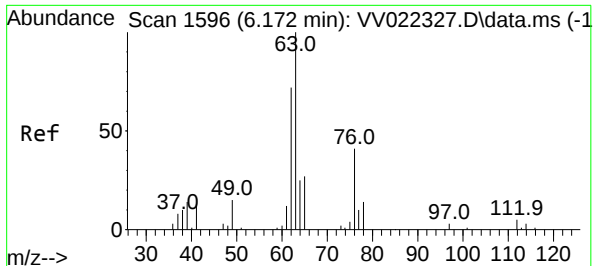


#35
Methylcyclohexane
Concen: 5.371 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 83 Resp: 72018

Ion	Ratio	Lower	Upper
83	100		
55	76.4	60.2	90.2
98	50.3	39.5	59.3

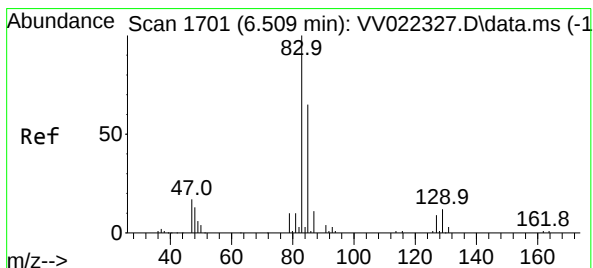
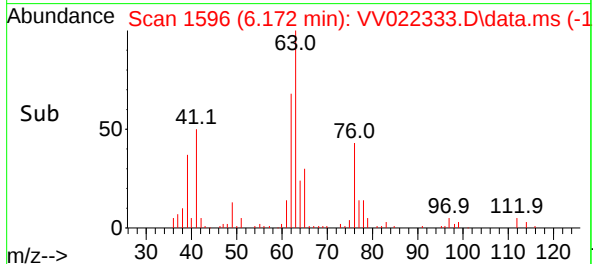
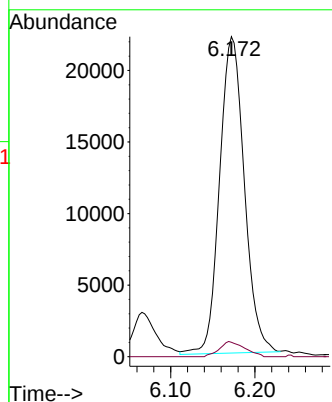
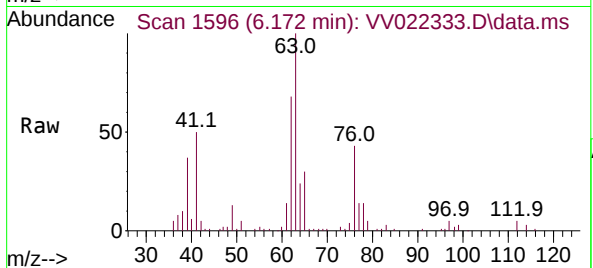




#37
1,2-Dichloropropane
Concen: 5.400 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

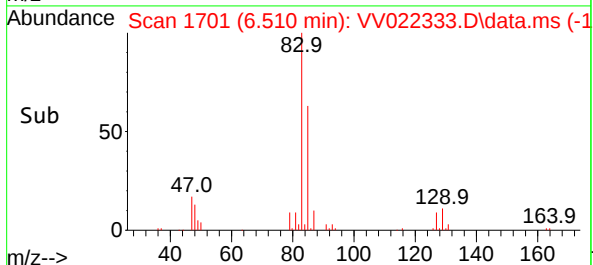
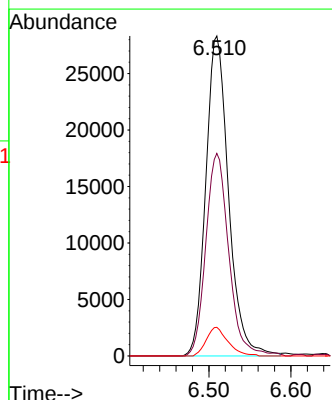
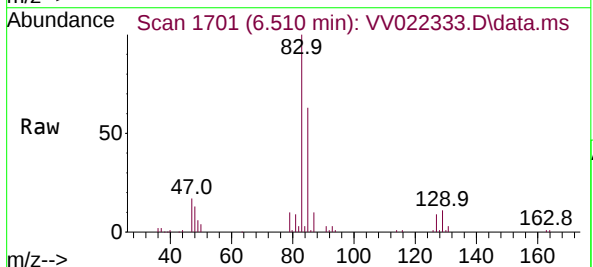
Instrument :
MSVOA_V
ClientSampled :
VSTD005293

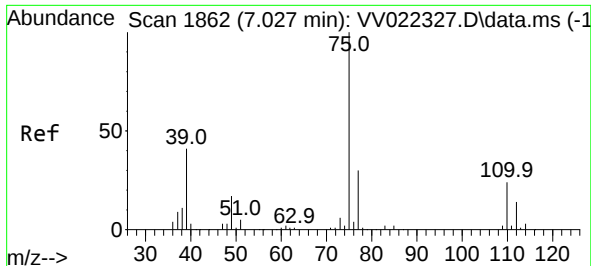
Tgt Ion: 63 Resp: 45049
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.2



#38
Bromodichloromethane
Concen: 5.421 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 83 Resp: 54485
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4
127 9.0 7.0 10.4

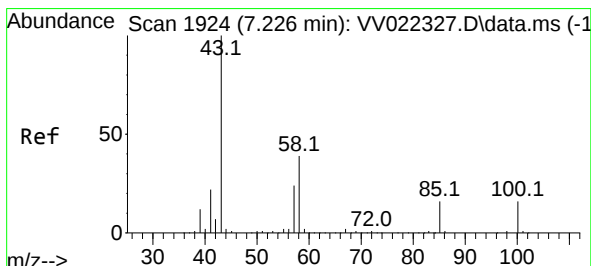
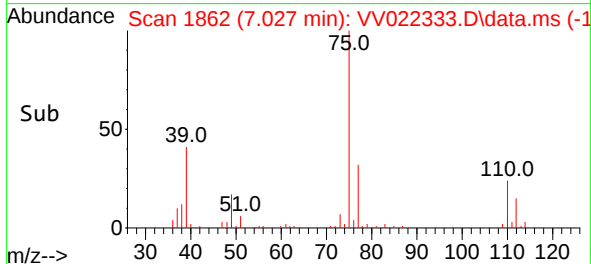
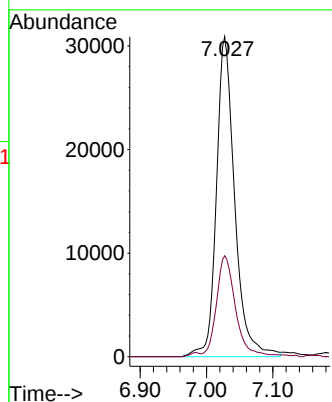
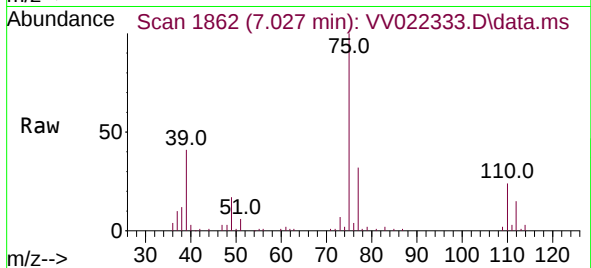




#39
 cis-1,3-Dichloropropene
 Concen: 5.367 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

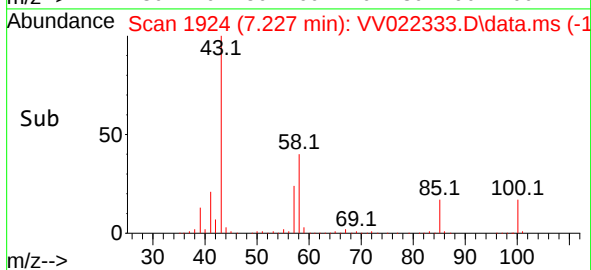
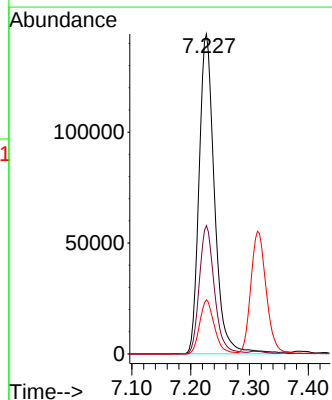
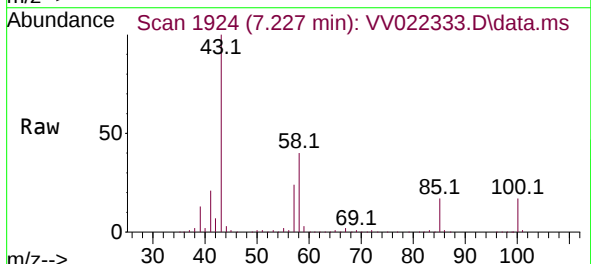
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD005293

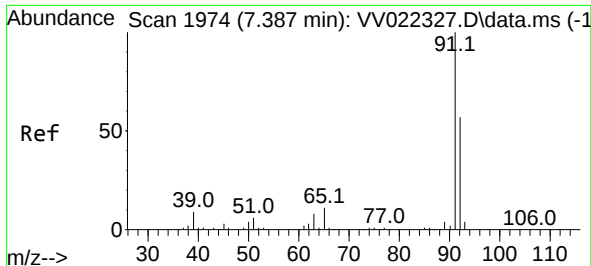
Tgt Ion: 75 Resp: 59213
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 48.726 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Tgt Ion: 43 Resp: 261967
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.7 47.5
 100 16.2 12.2 18.4

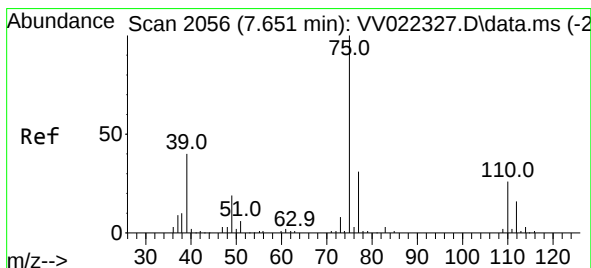
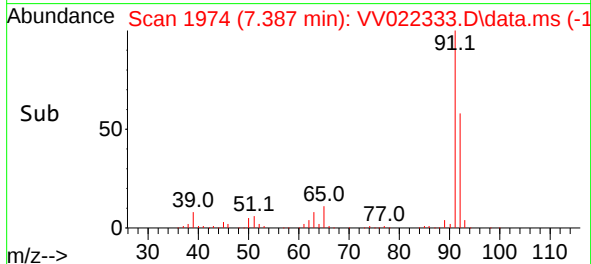
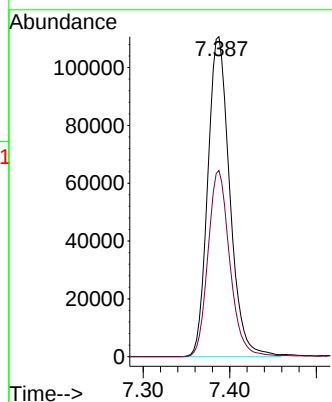
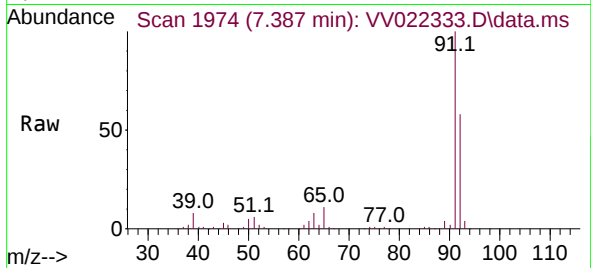




#42
Toluene
Concen: 5.578 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

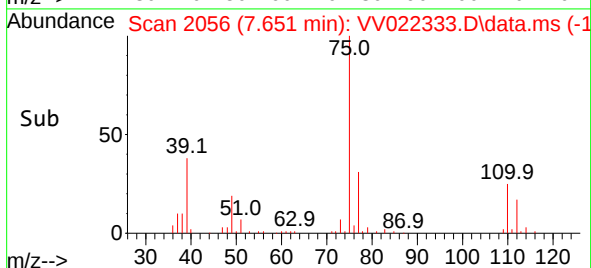
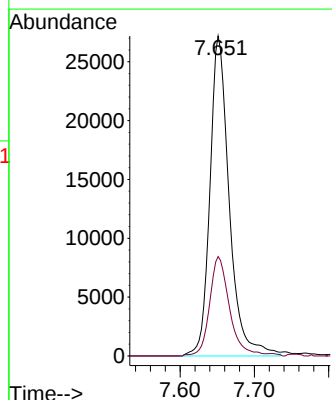
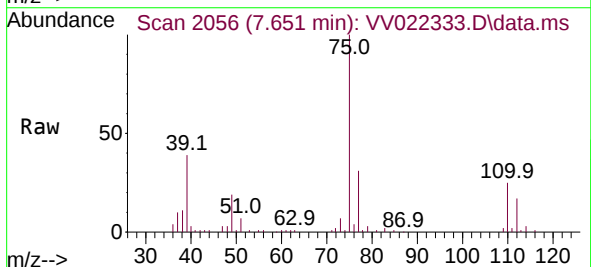
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

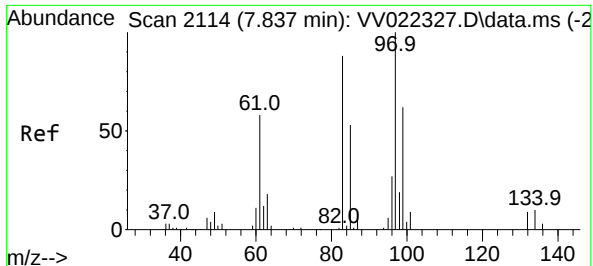
Tgt Ion: 91 Resp: 195252
Ion Ratio Lower Upper
91 100
92 58.2 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.211 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 75 Resp: 49140
Ion Ratio Lower Upper
75 100
77 31.1 22.8 42.4



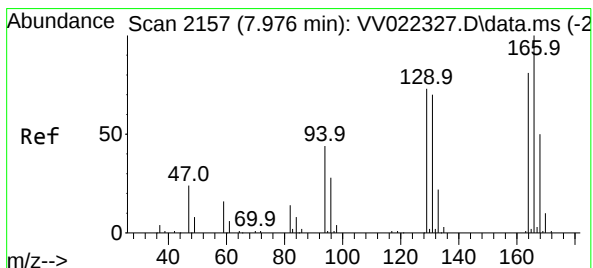
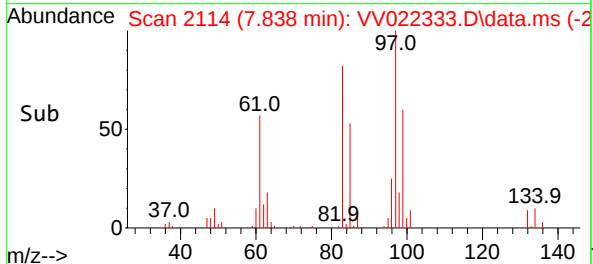
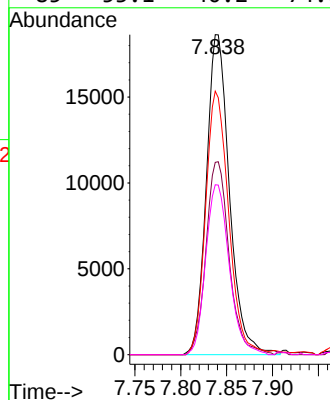
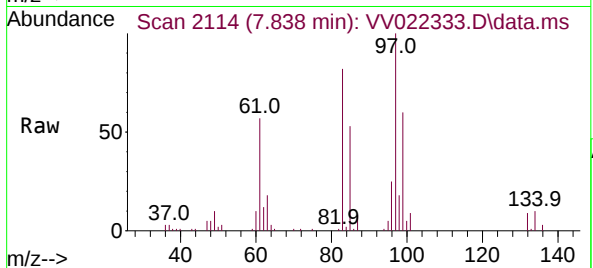


#45

1,1,2-Trichloroethane
Concen: 5.187 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

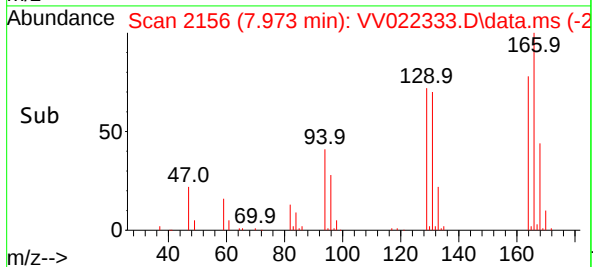
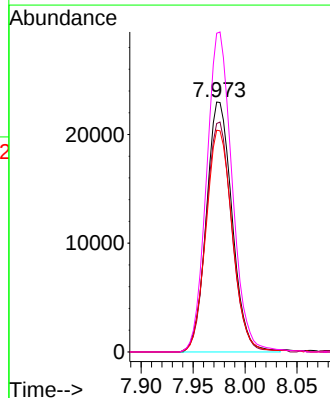
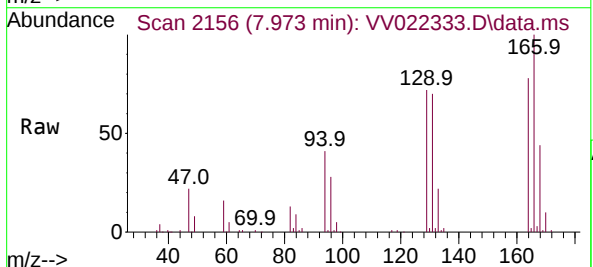
Tgt Ion:	97	Resp:	32716
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.6	79.2
83	82.4	58.9	109.5
85	53.1	40.2	74.6

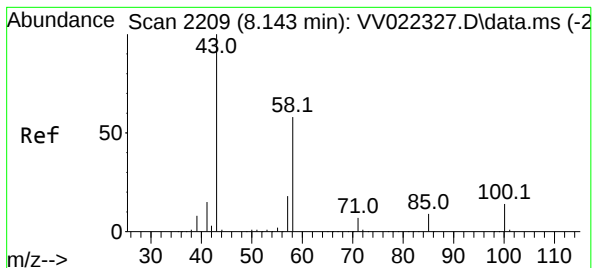


#47

Tetrachloroethene
Concen: 5.566 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:	164	Resp:	39636
Ion	Ratio	Lower	Upper
164	100		
129	91.4	61.9	115.1
131	88.7	61.0	113.4
166	127.6	86.4	160.4

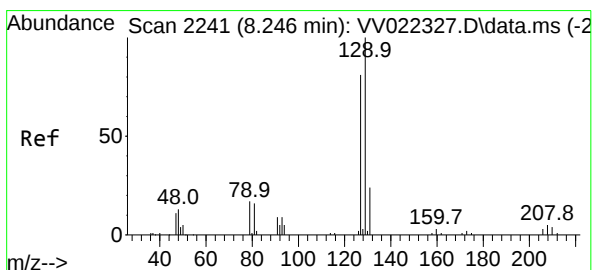
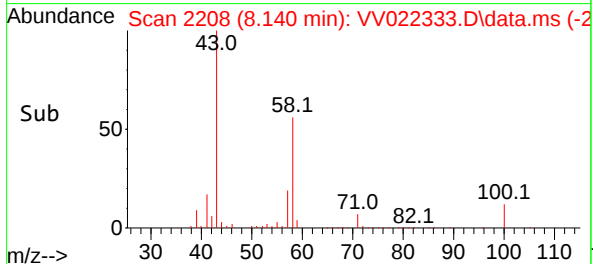
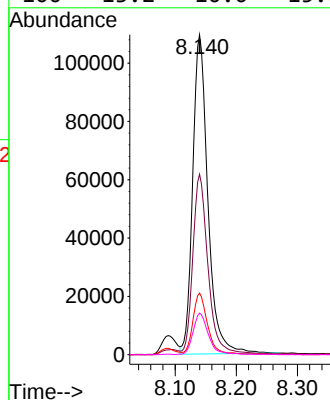
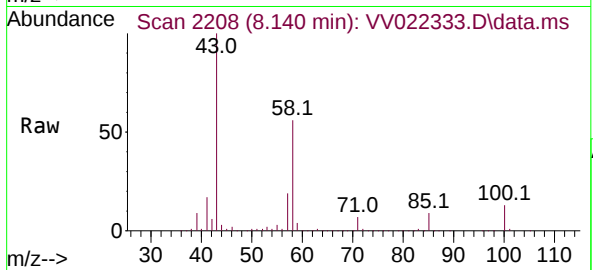




#48
2-Hexanone
Concen: 50.176 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

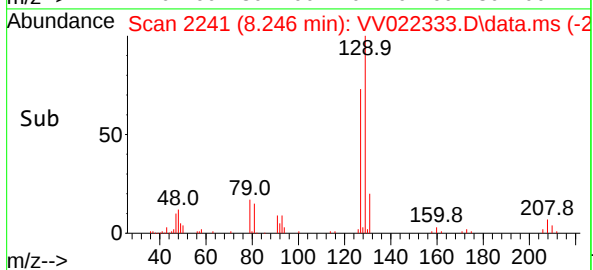
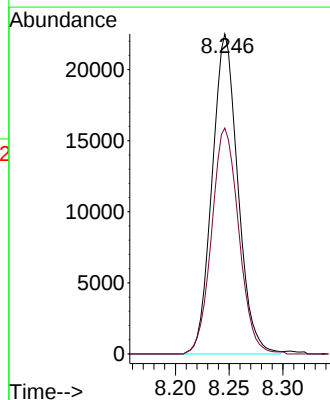
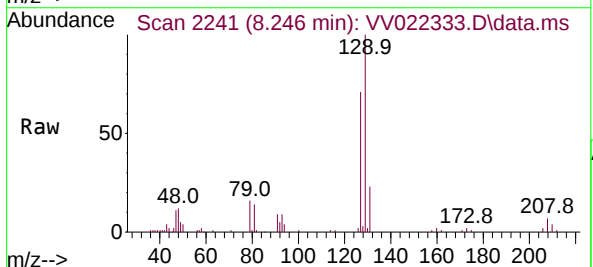
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

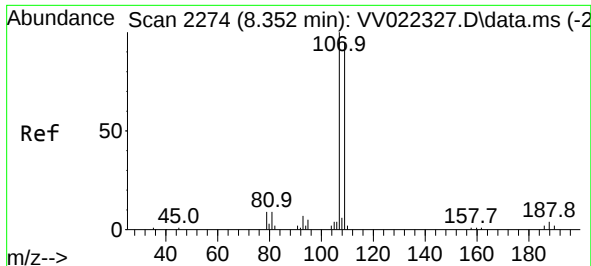
Tgt Ion:	43	Resp:	189554
Ion	Ratio	Lower	Upper
43	100		
58	56.1	44.1	66.1
57	18.1	14.2	21.4
100	13.2	10.0	15.0



#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:	129	Resp:	37519
Ion	Ratio	Lower	Upper
129	100		
127	70.6	54.5	101.3

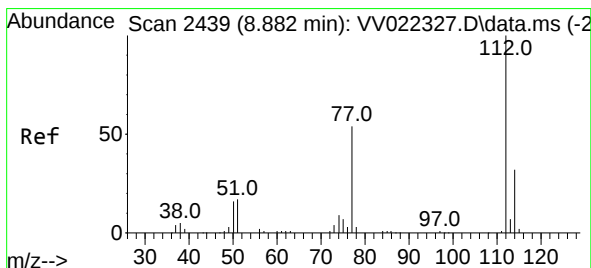
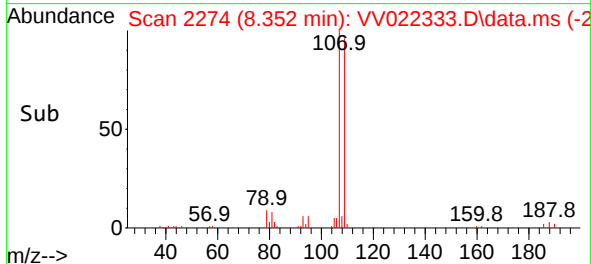
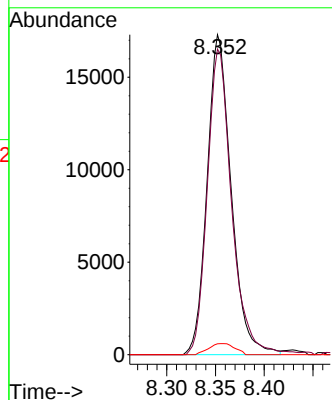
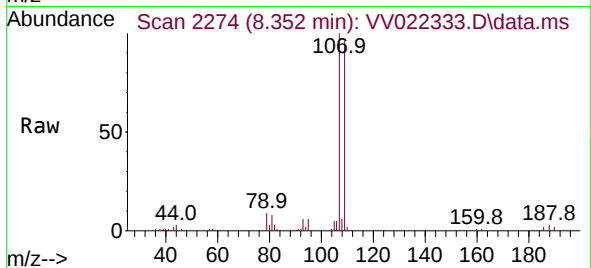




#50
1,2-Dibromoethane
Concen: 5.079 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

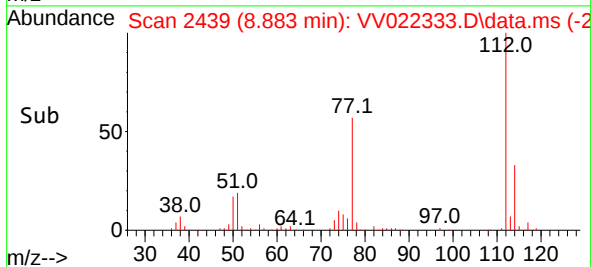
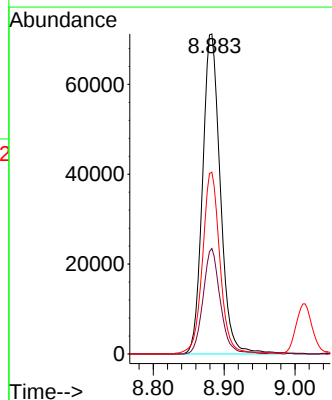
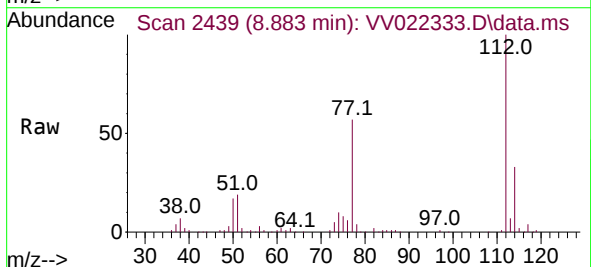
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

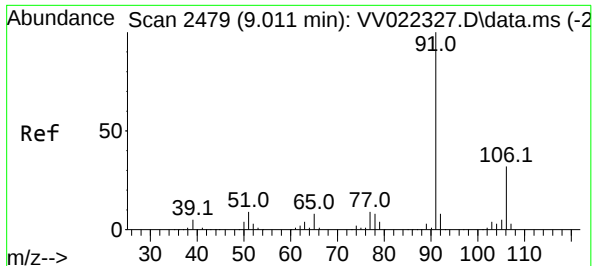
Tgt Ion:	107	Resp:	29789
Ion	Ratio	Lower	Upper
107	100		
109	95.5	62.8	116.6
188	3.4	2.8	4.2



#51
Chlorobenzene
Concen: 5.395 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:	112	Resp:	124045
Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.4	43.4
77	56.8	45.2	67.8





#52

Ethylbenzene

Concen: 5.483 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

Tgt Ion: 91 Resp: 199661

Ion Ratio Lower Upper

91 100

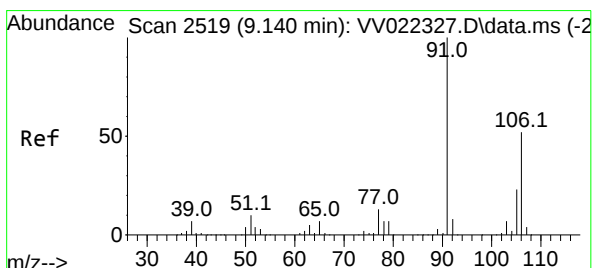
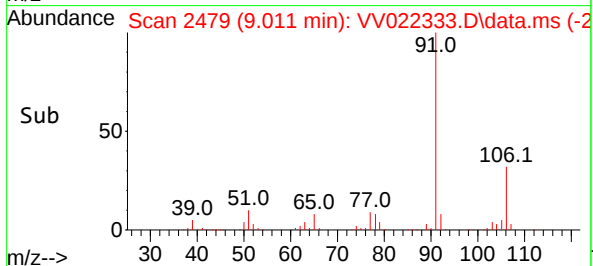
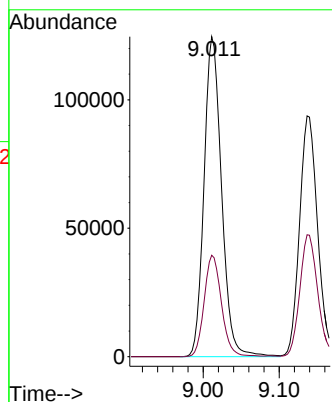
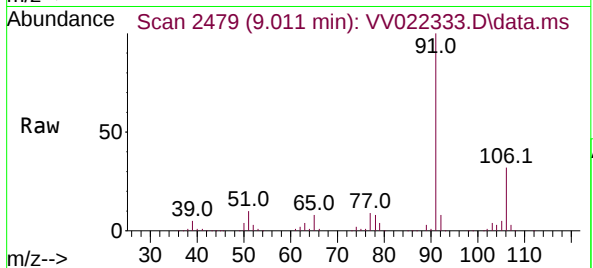
106 31.7 22.0 40.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD005293



#53

m,p-xylene

Concen: 5.500 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV022333.D

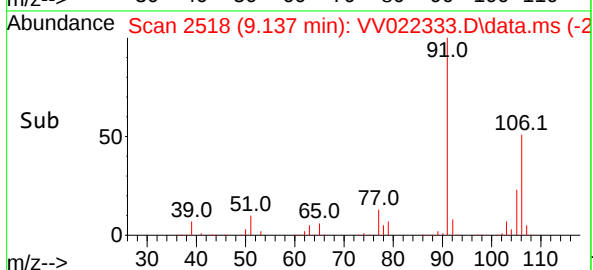
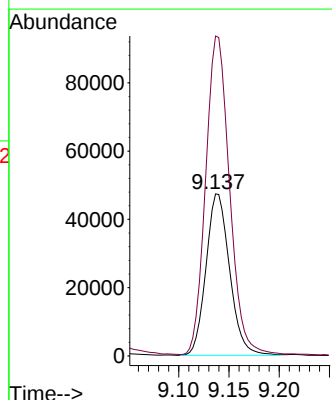
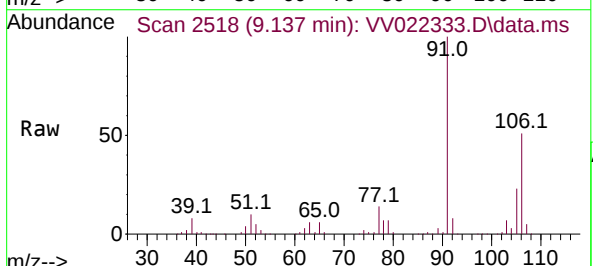
Acq: 27 Sep 2021 14:51

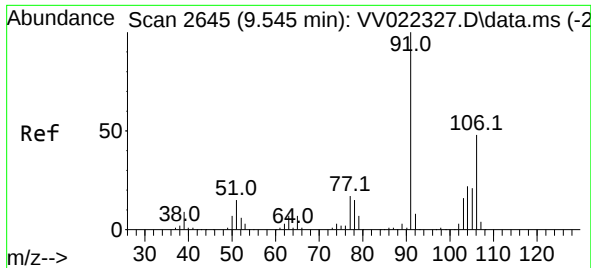
Tgt Ion:106 Resp: 77344

Ion Ratio Lower Upper

106 100

91 197.4 142.7 264.9

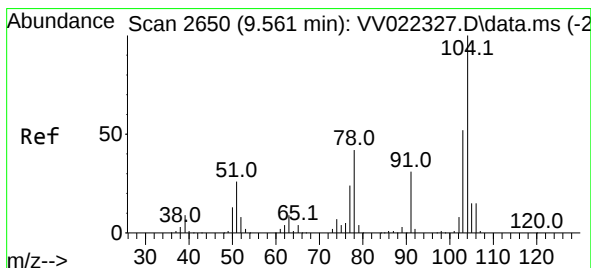
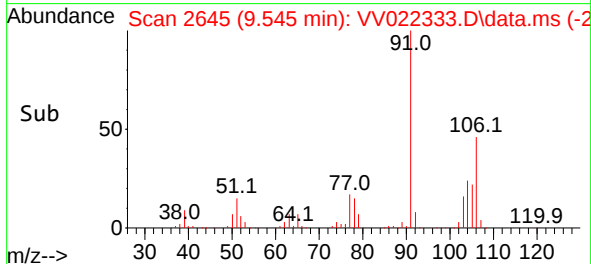
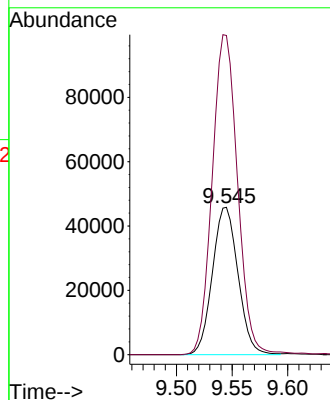
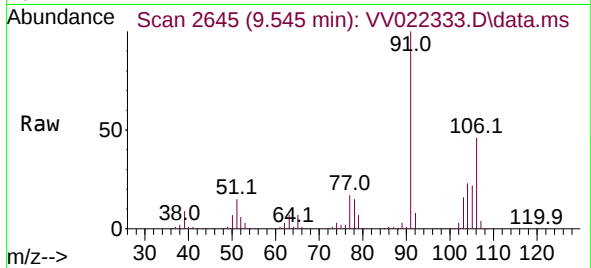




#54
o-xylene
Concen: 5.353 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

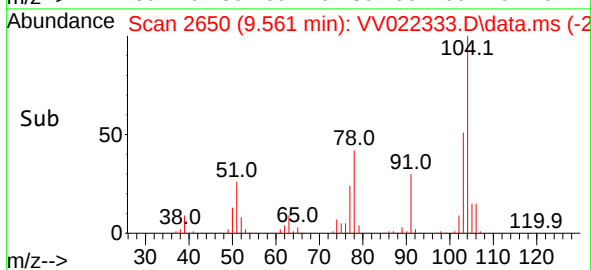
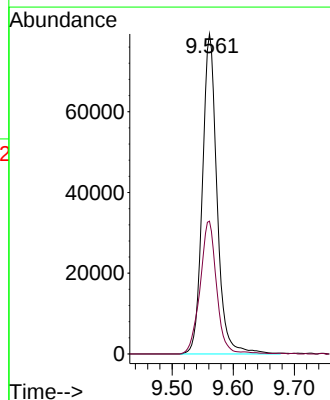
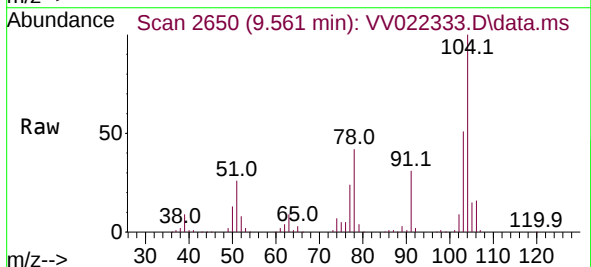
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

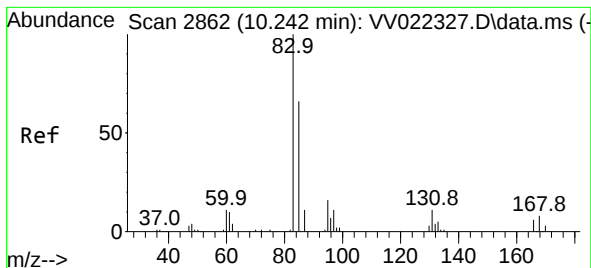
Tgt Ion:106 Resp: 73356
Ion Ratio Lower Upper
106 100
91 216.7 144.7 268.7



#55
Styrene
Concen: 5.800 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:104 Resp: 131875
Ion Ratio Lower Upper
104 100
78 41.5 29.1 54.1

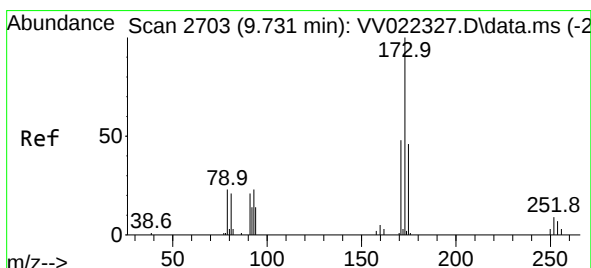
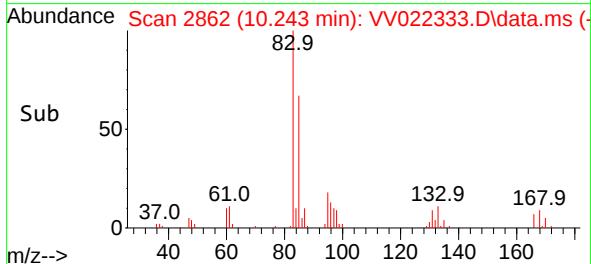
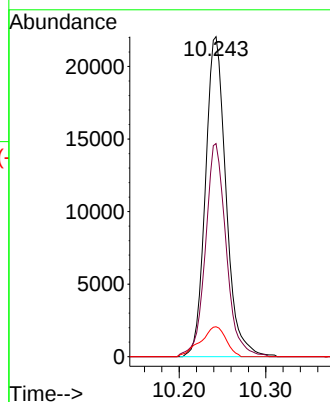
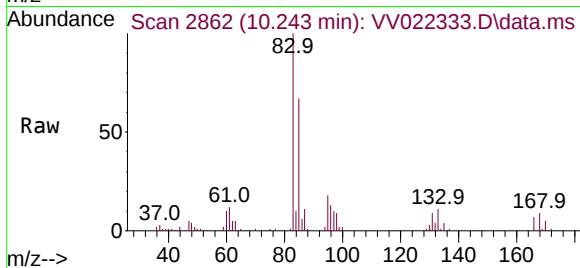




#57
1,1,2,2-Tetrachloroethane
Concen: 4.644 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

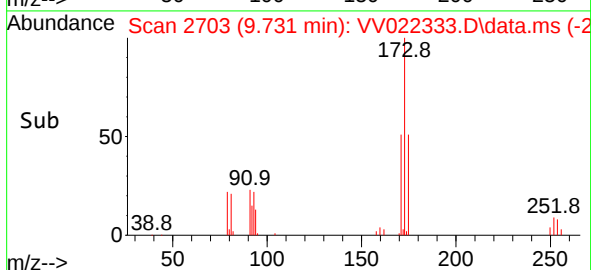
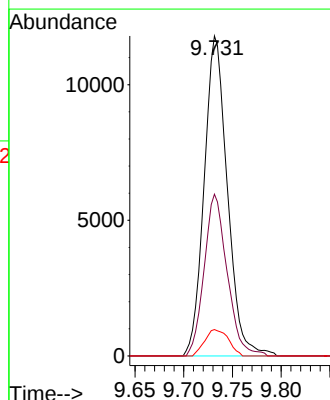
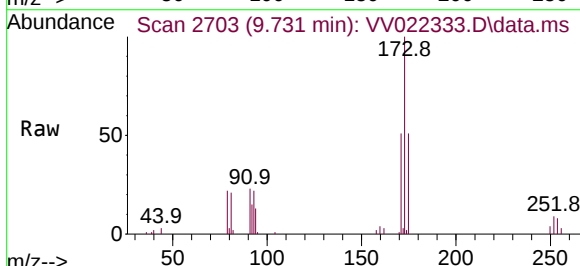
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

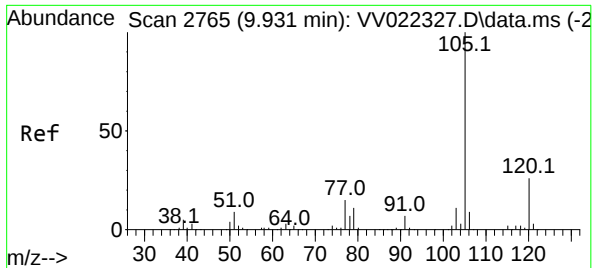
Tgt Ion:	83	Resp:	36373
Ion	Ratio	Lower	Upper
83	100		
85	66.6	45.3	84.1
131	9.3	8.9	13.3



#59
Bromoform
Concen: 5.130 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:	173	Resp:	19550
Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.9	61.3
254	8.4	7.4	11.2



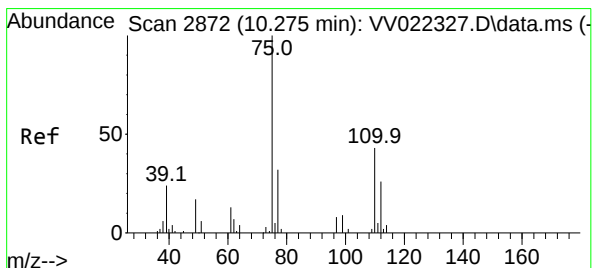
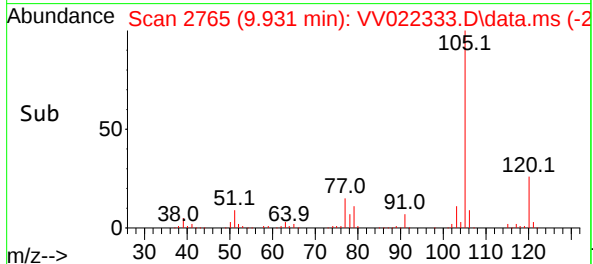
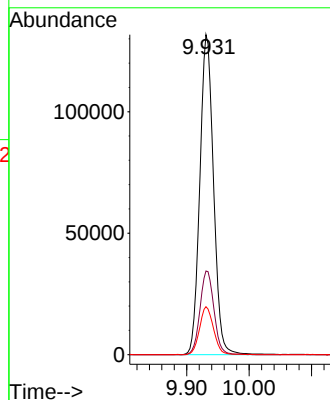
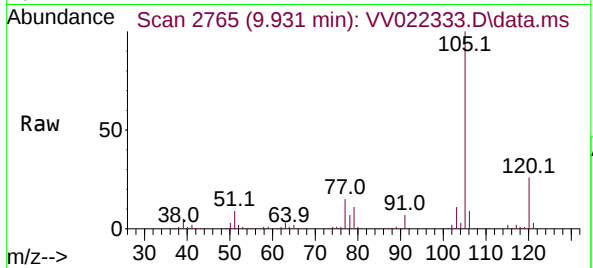


#60
Isopropylbenzene
Concen: 5.290 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

Tgt Ion:105 Resp: 201350

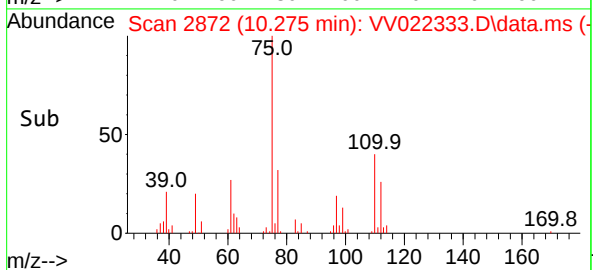
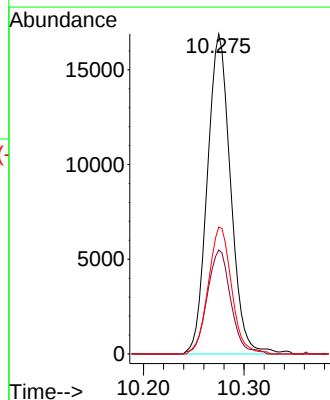
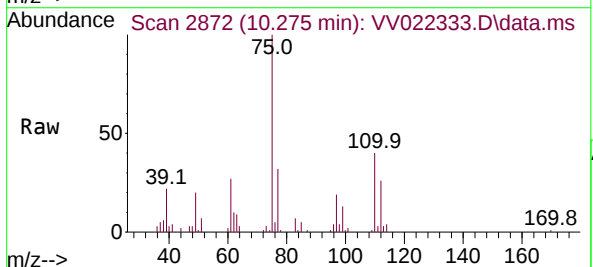
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	15.3	12.3	18.5

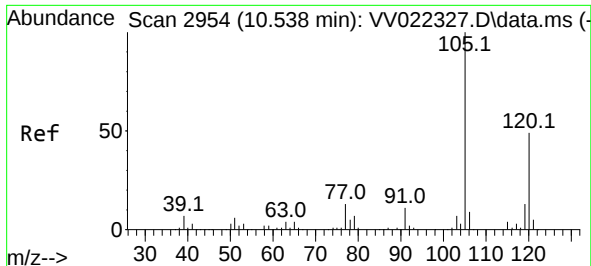


#61
1,2,3-Trichloropropane
Concen: 4.575 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion: 75 Resp: 27101

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.5	38.3
110	39.8	31.7	47.5

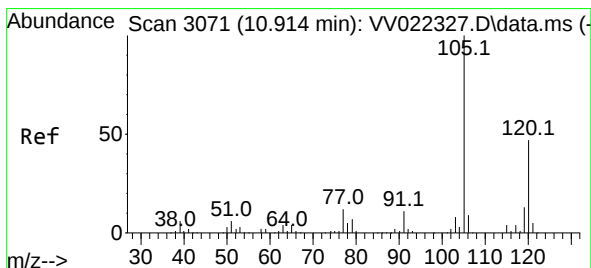
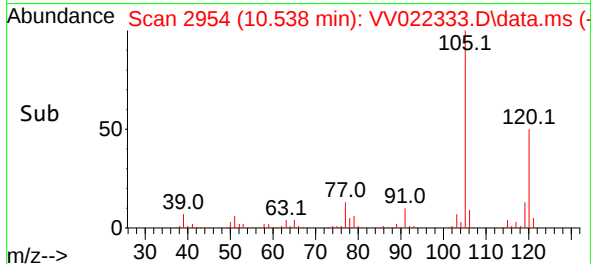
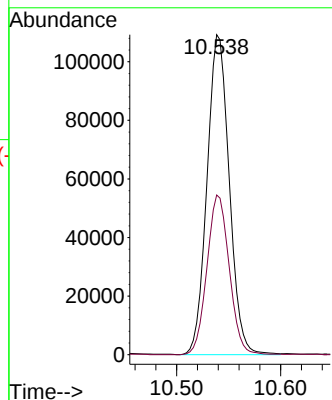
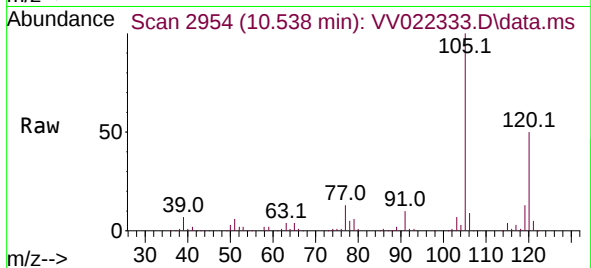




#62
1,3,5-Trimethylbenzene
Concen: 5.223 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

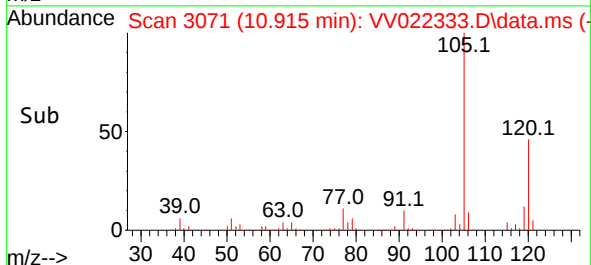
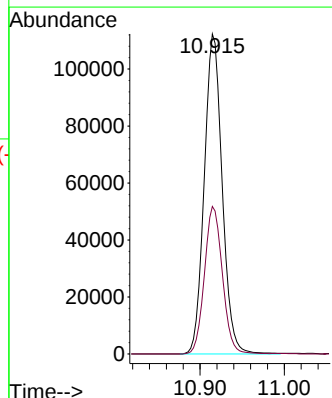
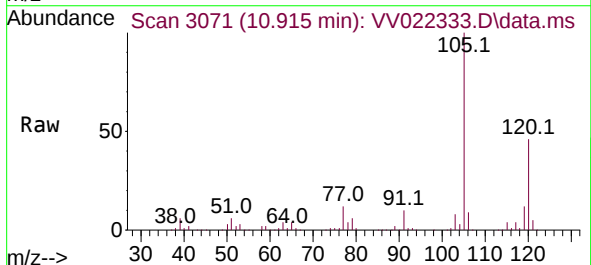
Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

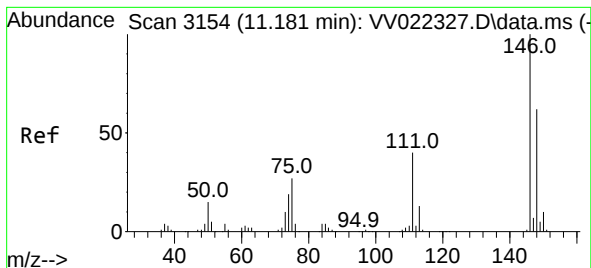
Tgt Ion:105 Resp: 162363
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.385 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:105 Resp: 166837
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 5.396 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

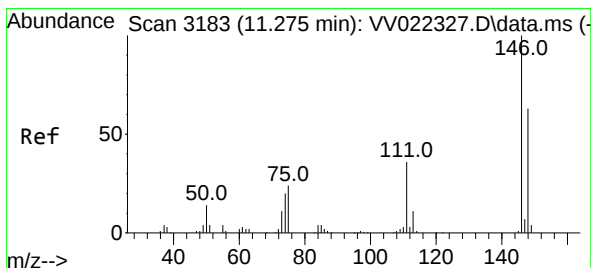
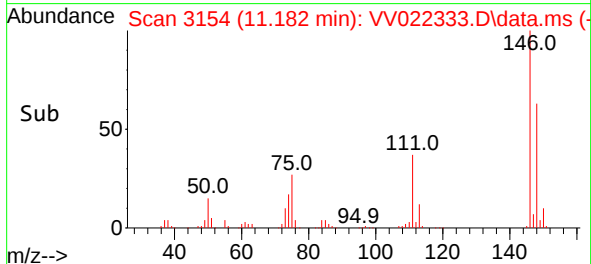
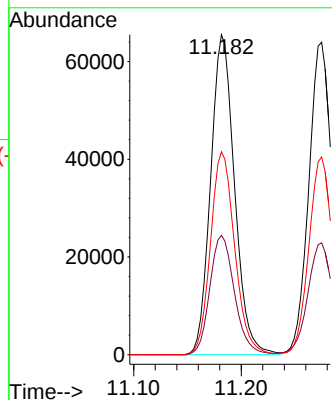
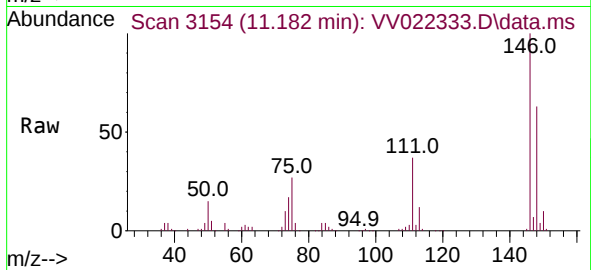
Tgt Ion:146 Resp: 101099

Ion Ratio Lower Upper

146 100

111 37.3 26.7 49.5

148 63.4 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 5.274 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

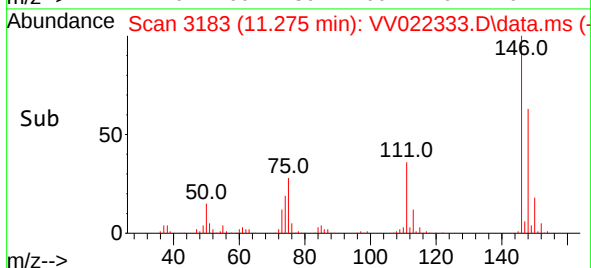
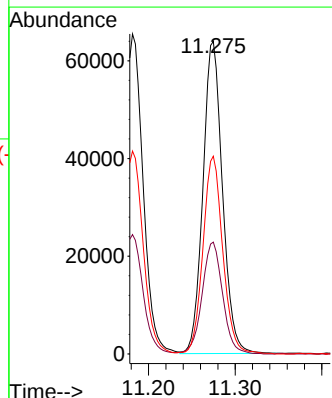
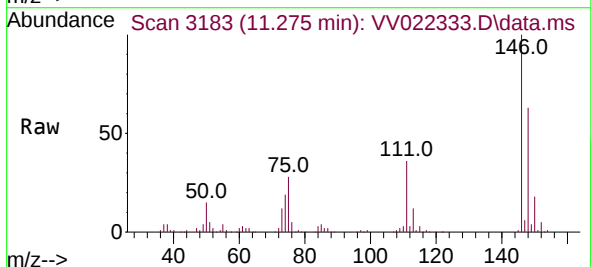
Tgt Ion:146 Resp: 100136

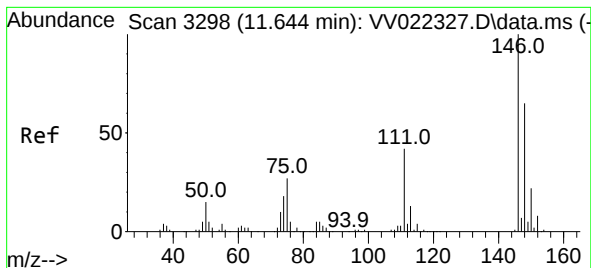
Ion Ratio Lower Upper

146 100

111 35.8 25.5 47.3

148 63.3 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.276 ug/L

RT: 11.645 min Scan# 3298

Delta R.T. 0.000 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

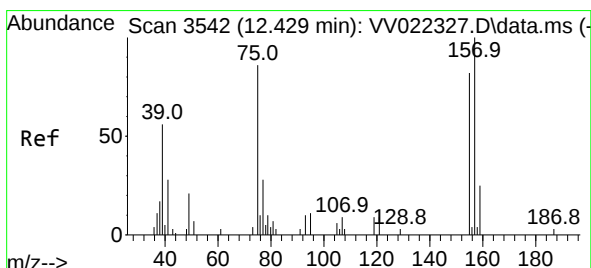
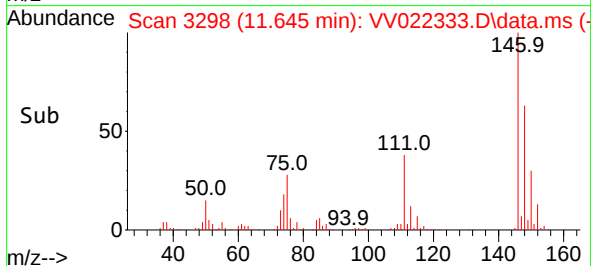
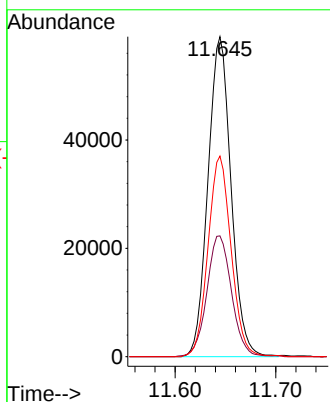
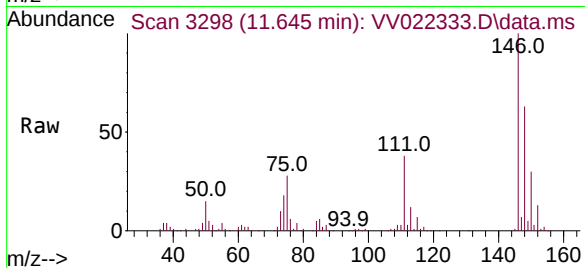
Tgt Ion:146 Resp: 94227

Ion Ratio Lower Upper

146 100

111 37.7 30.8 46.2

148 62.7 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.421 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VV022333.D

Acq: 27 Sep 2021 14:51

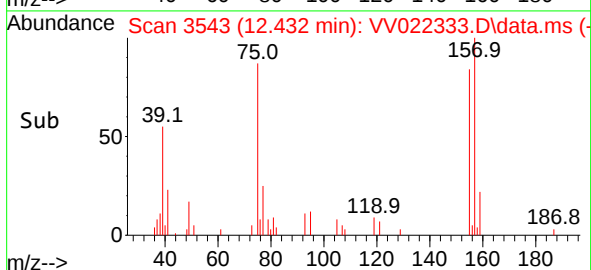
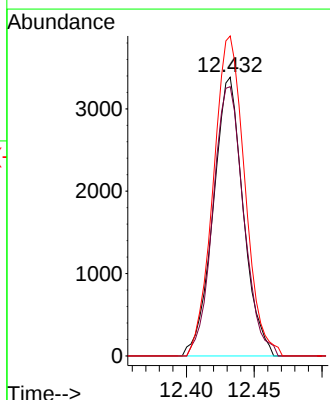
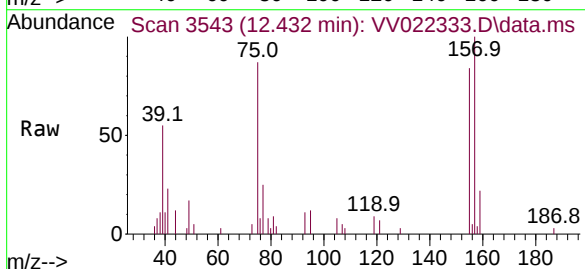
Tgt Ion: 75 Resp: 5207

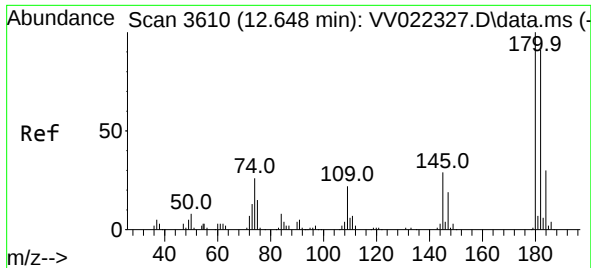
Ion Ratio Lower Upper

75 100

155 96.7 75.6 113.4

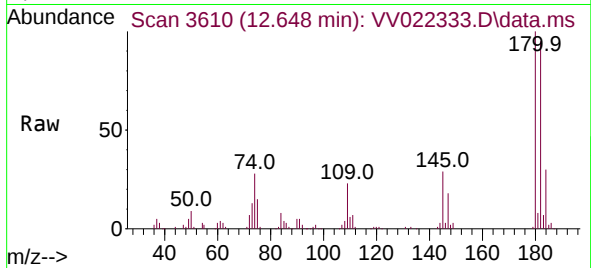
157 114.8 92.6 139.0



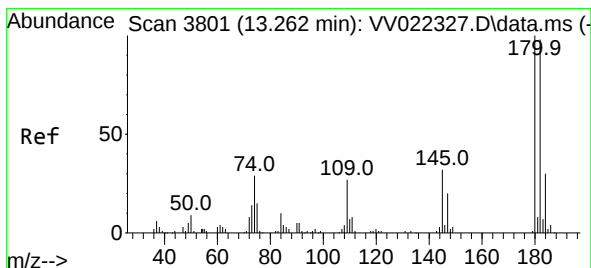
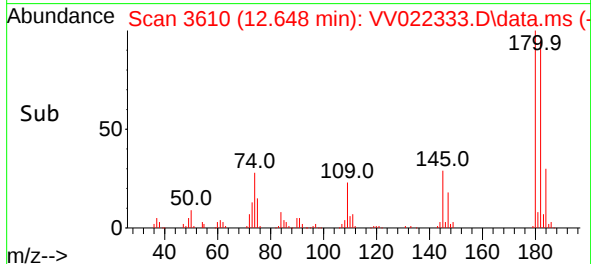
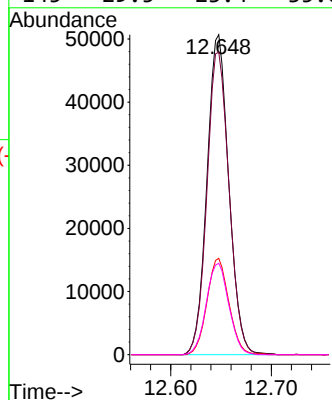


#69
 1,3,5-Trichlorobenzene
 Concen: 5.376 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

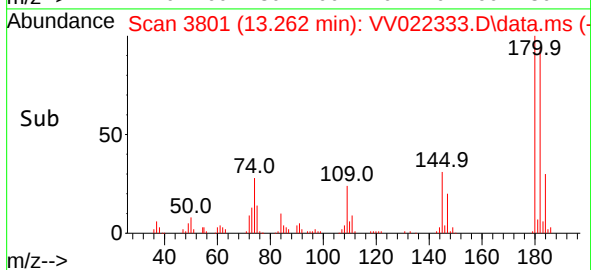
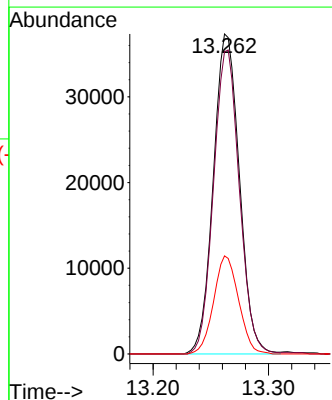
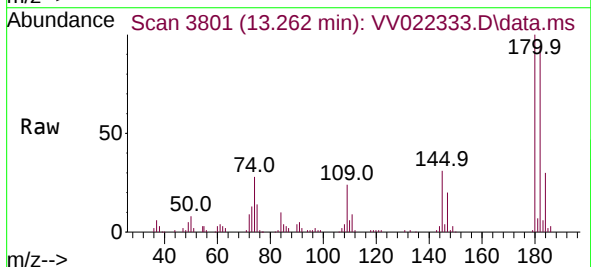


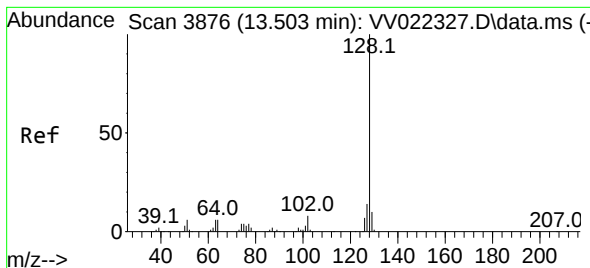
Tgt Ion:	180	Resp:	76388
Ion Ratio	Lower	Upper	
180	100		
182	96.0	74.6	112.0
184	30.3	24.0	36.0
145	29.5	23.4	35.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.170 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV022333.D
 Acq: 27 Sep 2021 14:51

Tgt Ion:	180	Resp:	58533
Ion Ratio	Lower	Upper	
180	100		
182	94.1	73.1	109.7
145	29.3	23.6	35.4

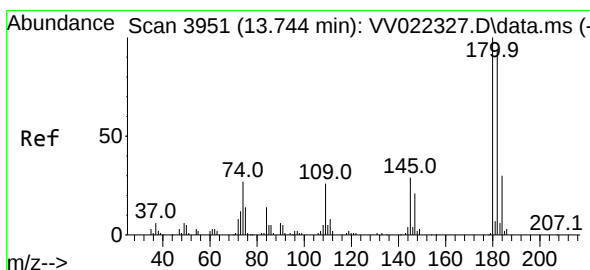
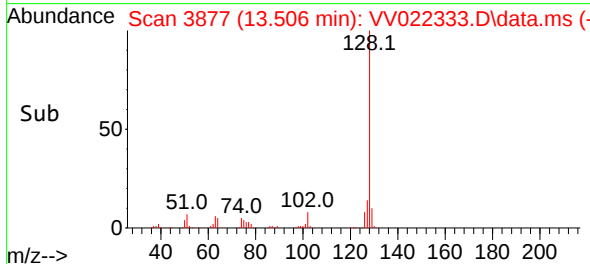
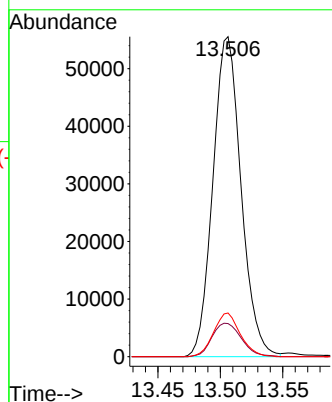
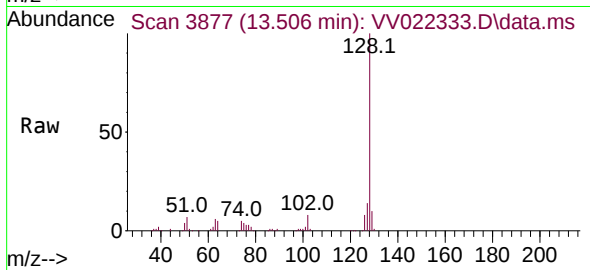




#71
Naphthalene
Concen: 4.247 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

Tgt Ion:	128	Resp:	87363
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	12.9	9.9	14.9



#72
1,2,3-Trichlorobenzene
Concen: 5.188 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022333.D
Acq: 27 Sep 2021 14:51

Tgt Ion:	180	Resp:	54891
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.9	115.3
145	30.7	26.0	39.0

