

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022095.D
 Acq On : 07 Sep 2021 11:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 08 01:10:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	359978	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	333360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	176166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92000	36.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.800%
7) Chloroethane-d5	1.564	69	79680	40.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.860%
11) 1,1-Dichloroethene-d2	2.105	63	183875	44.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
21) 2-Butanone-d5	3.899	46	187453	109.643	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.640%
24) Chloroform-d	4.349	84	212697	46.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
26) 1,2-Dichloroethane-d4	5.034	65	126048	47.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	5.050	84	409312	45.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	6.069	67	130651	45.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.900%
41) Toluene-d8	7.317	98	378410	44.335	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.660%
43) trans-1,3-Dichloroprop...	7.622	79	61670	45.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.140%
47) 2-Hexanone-d5	8.091	63	122190	111.992	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.990%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	188470	51.752	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	155649	44.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	100136	40.468	ug/L	99
3) Chloromethane	1.240	50	101645	38.794	ug/L	97
5) Vinyl chloride	1.307	62	109195	41.348	ug/L	100
6) Bromomethane	1.519	94	71967	45.326	ug/L	100
8) Chloroethane	1.584	64	70803	42.857	ug/L	98
9) Trichlorofluoromethane	1.751	101	169971	45.196	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	106678	48.362	ug/L	99
12) 1,1-Dichloroethene	2.114	96	96396	46.424	ug/L	89
13) Acetone	2.439	43	126454	88.276	ug/L	100
14) Carbon disulfide	2.291	76	259394	41.401	ug/L	100
15) Methyl Acetate	2.439	43	135717	48.650	ug/L	97
16) Methylene chloride	2.503	84	127964	45.998	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	112300	44.730	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	377323	47.295	ug/L	99
19) 1,1-Dichloroethane	3.188	63	211253	47.244	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	126667	45.331	ug/L	98
22) 2-Butanone	3.982	43	206474	102.541	ug/L	98
23) Bromochloromethane	4.249	128	68144	45.792	ug/L	98
25) Chloroform	4.375	83	220097	46.498	ug/L	98

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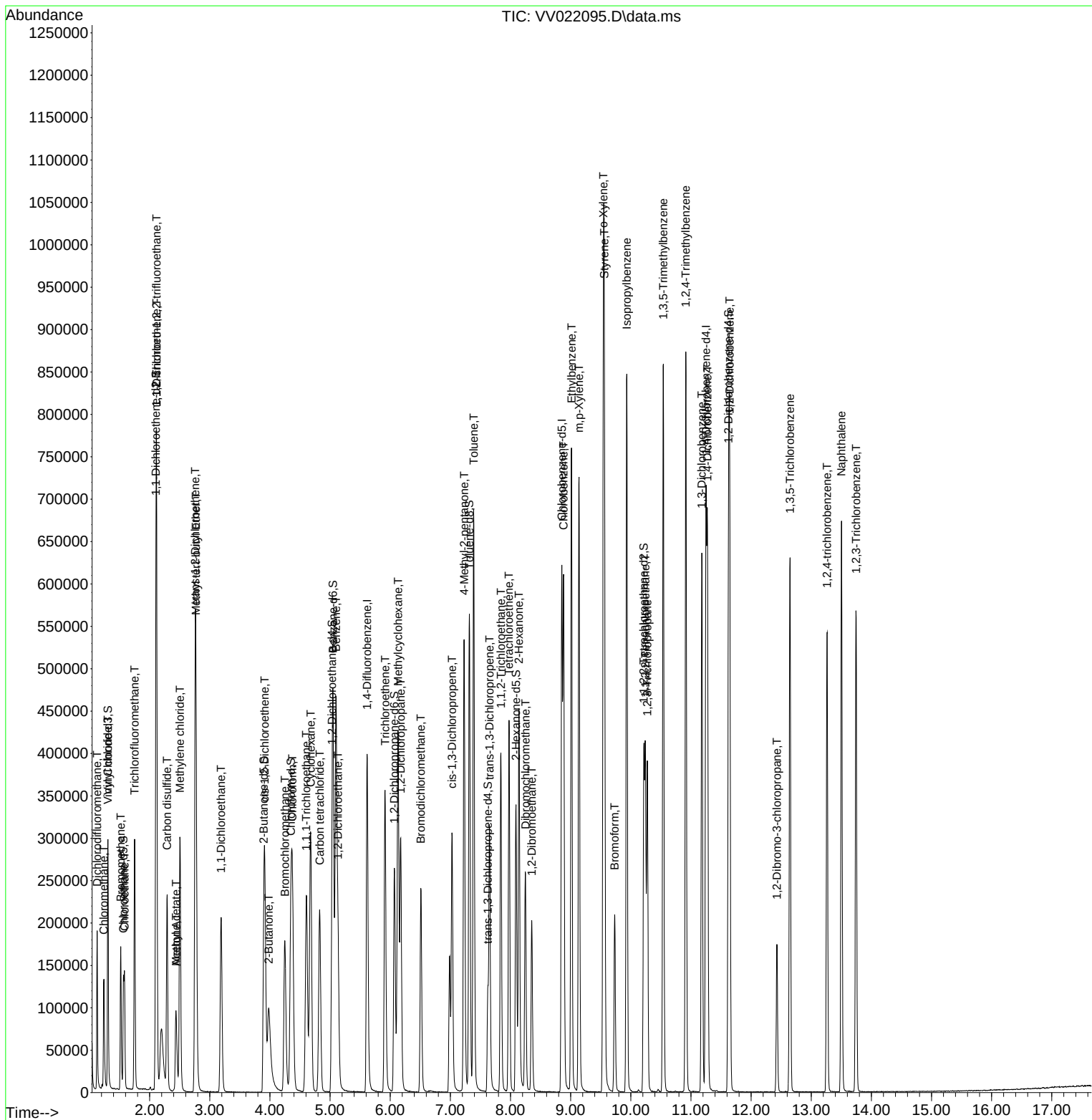
Instrument :
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 ClientSampleId :

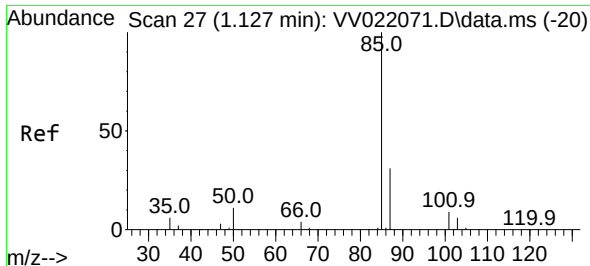
Quant Time: Sep 08 01:10:42 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	158231	49.869	ug/L	99
29) Cyclohexane	4.677	56	171847	46.115	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	193230	48.771	ug/L	99
31) Carbon tetrachloride	4.828	117	163626	48.069	ug/L	99
33) Benzene	5.098	78	466529	48.101	ug/L	100
34) Trichloroethene	5.915	95	123975	45.126	ug/L	98
35) Methylcyclohexane	6.130	83	185532	46.195	ug/L	99
37) 1,2-Dichloropropane	6.175	63	123384	49.076	ug/L	99
38) Bromodichloromethane	6.510	83	160642	49.964	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	190457	49.067	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	354032	103.870	ug/L	99
42) Toluene	7.387	91	502706	48.024	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	181678	50.290	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	124101	48.513	ug/L	98
46) Tetrachloroethene	7.976	164	100082	46.851	ug/L	97
48) 2-Hexanone	8.140	43	287044	108.542	ug/L	96
49) Dibromochloromethane	8.249	129	134277	49.038	ug/L	100
50) 1,2-Dibromoethane	8.352	107	133139	48.495	ug/L	99
51) Chlorobenzene	8.882	112	331410	47.089	ug/L	99
52) Ethylbenzene	9.014	91	538482	47.520	ug/L	98
53) m,p-Xylene	9.140	106	206527	46.891	ug/L	98
54) o-Xylene	9.545	106	209167	47.997	ug/L	97
55) Styrene	9.561	104	359627	48.355	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	191181	51.582	ug/L	98
59) Bromoform	9.731	173	94924	50.733	ug/L	99
60) Isopropylbenzene	9.934	105	550728	49.752	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	154659	50.655	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	455524	49.017	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	467863	49.531	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	263332	46.854	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	263878	45.883	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	267431	47.922	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	39302	53.411	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	196356	46.723	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	166718	45.097	ug/L	99
71) Naphthalene	13.503	128	517112	48.626	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	171882	47.667	ug/L	99

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

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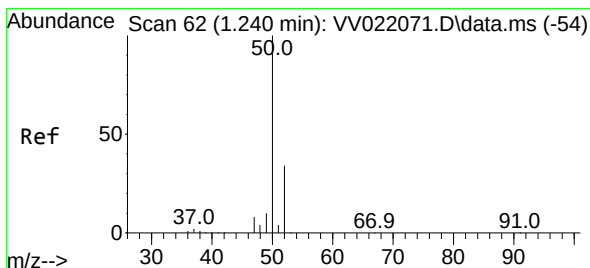
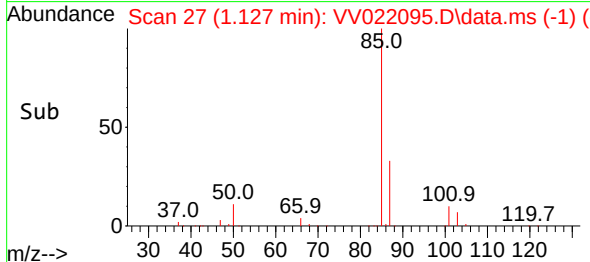
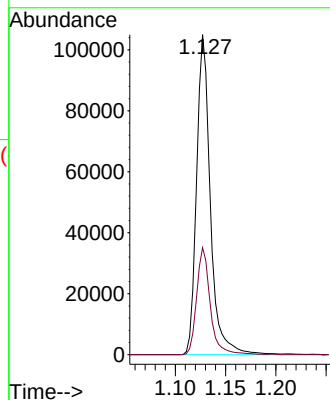
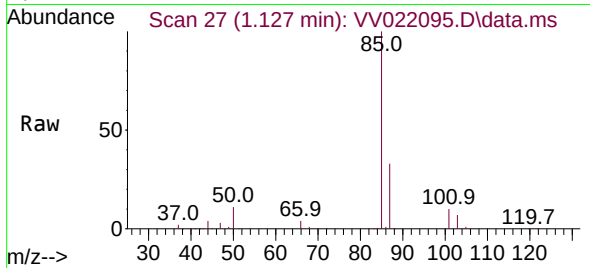




#2
Dichlorodifluoromethane
Concen: 40.468 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

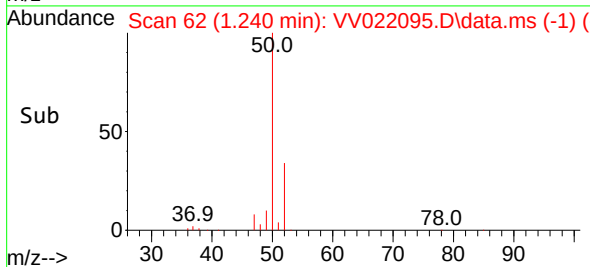
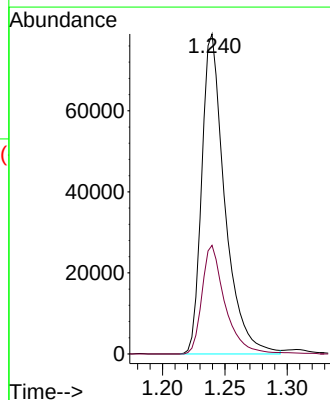
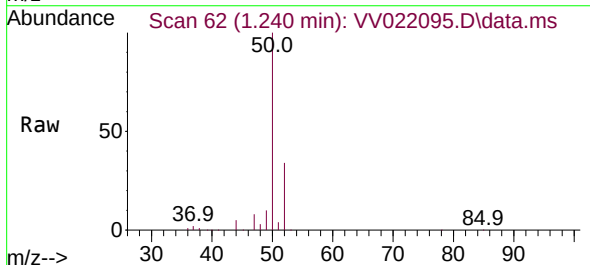
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MSVOA_V
ClientSampled :

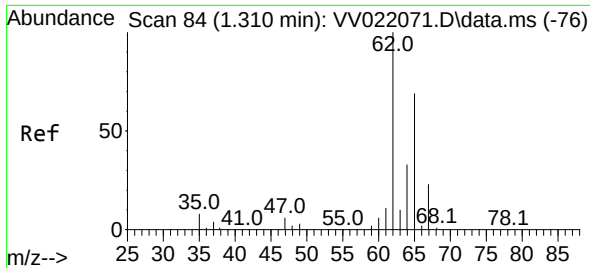
Tgt Ion: 85 Resp: 100136
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0



#3
Chloromethane
Concen: 38.794 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 50 Resp: 101645
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

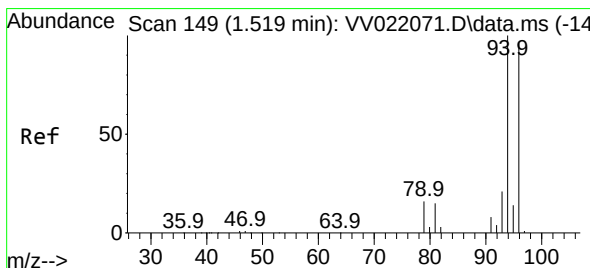
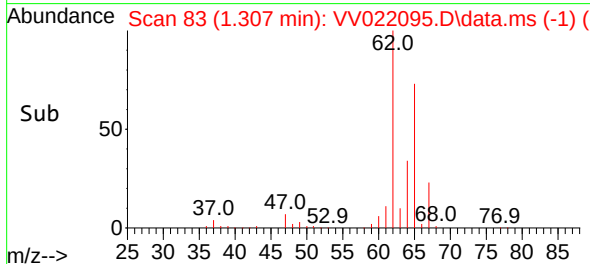
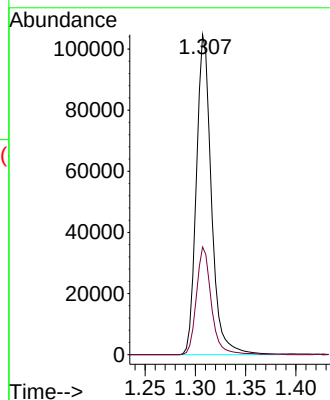
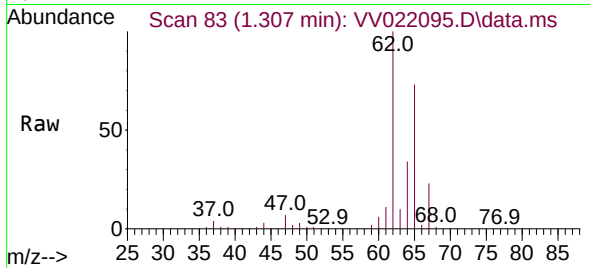




#5
 Vinyl chloride
 Concen: 41.348 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

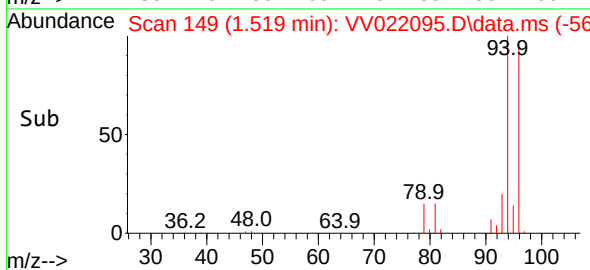
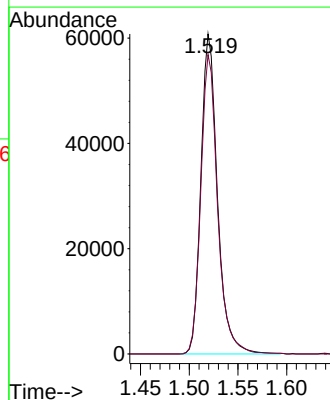
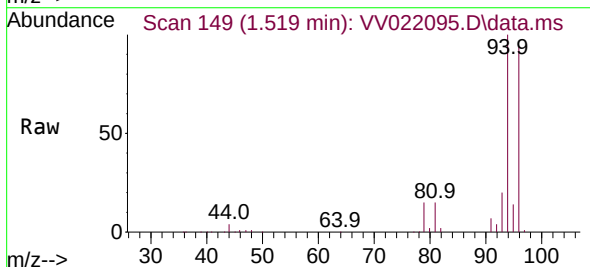
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 ClientSampled :

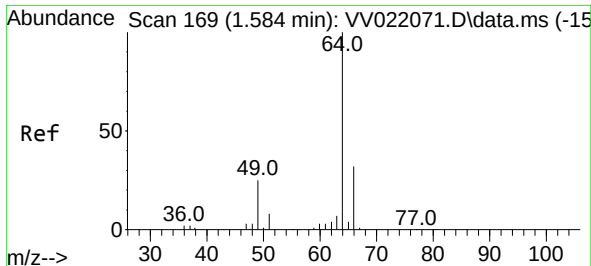
Tgt Ion: 62 Resp: 109195
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.6



#6
 Bromomethane
 Concen: 45.326 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

Tgt Ion: 94 Resp: 71967
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2

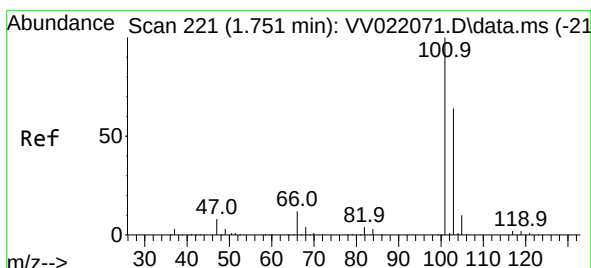
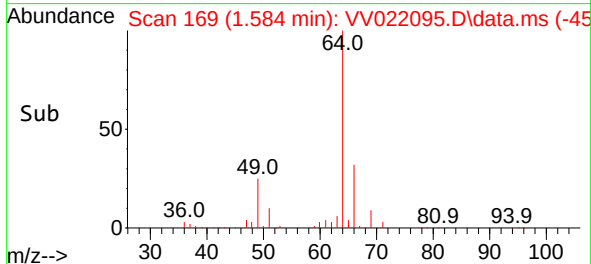
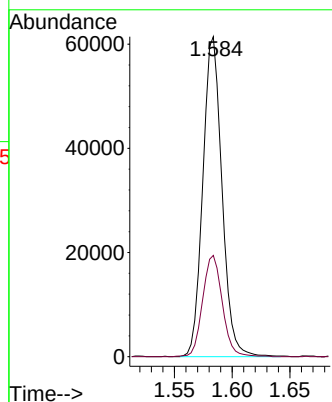
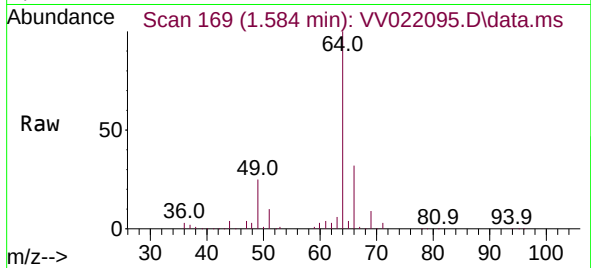




#8
Chloroethane
Concen: 42.857 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

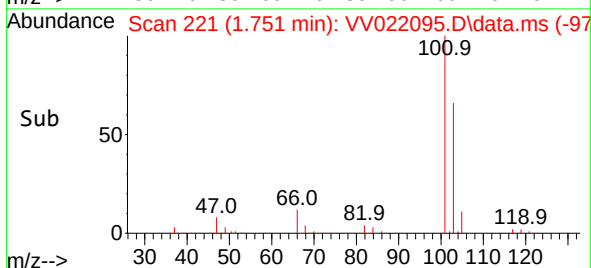
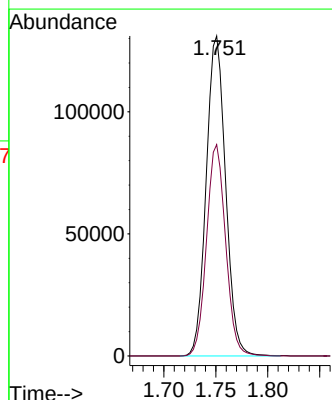
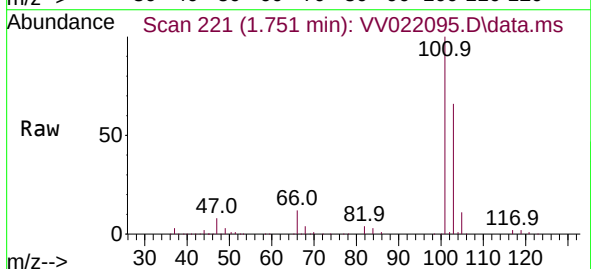
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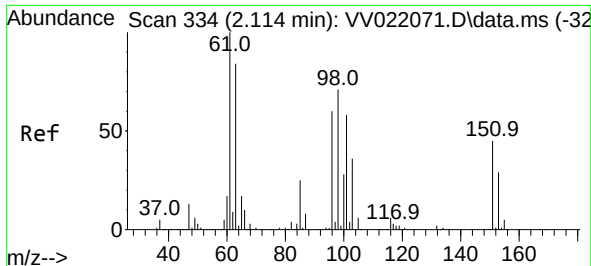
Tgt Ion: 64 Resp: 70803
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 45.196 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:101 Resp: 169971
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

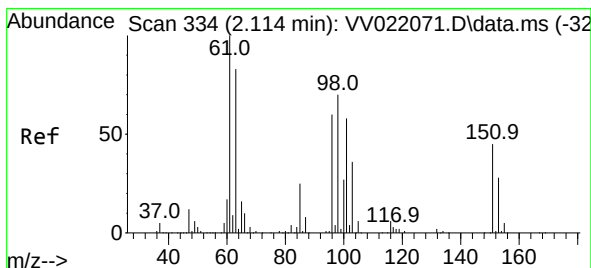
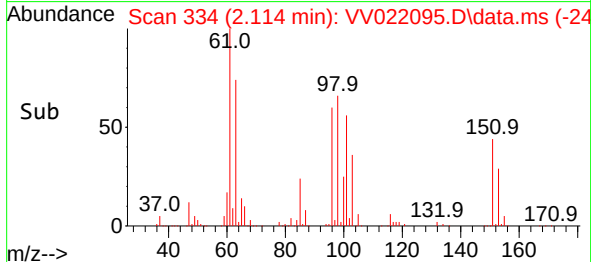
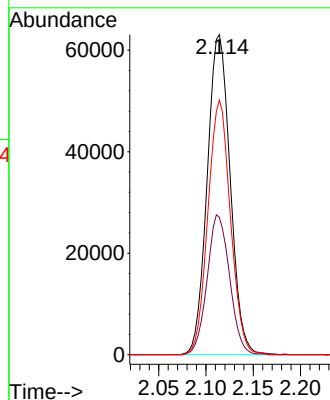
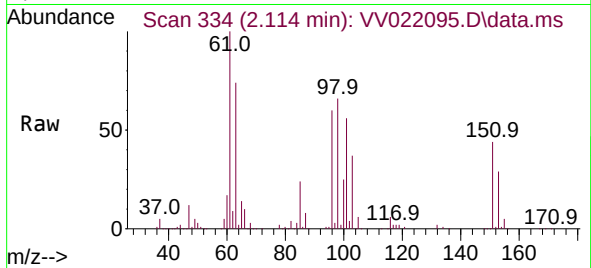




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.362 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

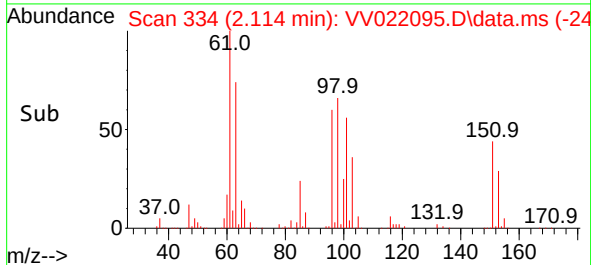
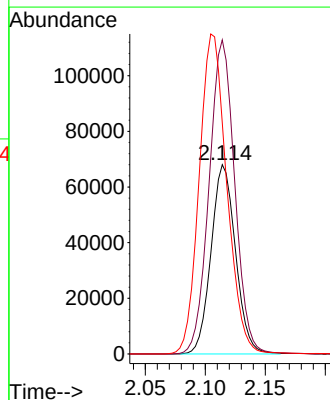
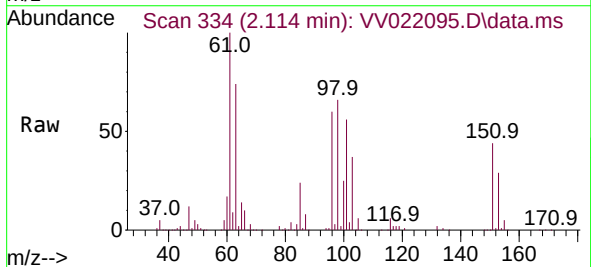
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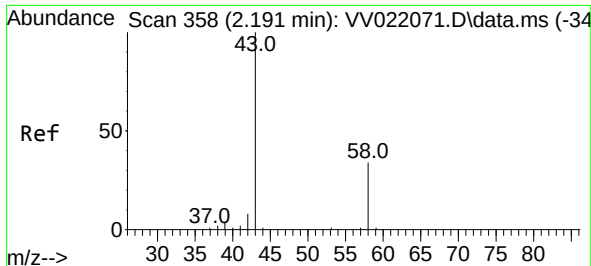
Tgt Ion:101 Resp: 106678
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.0
 151 78.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 46.424 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

Tgt Ion: 96 Resp: 96396
 Ion Ratio Lower Upper
 96 100
 61 165.9 113.2 210.2
 63 122.2 102.3 189.9

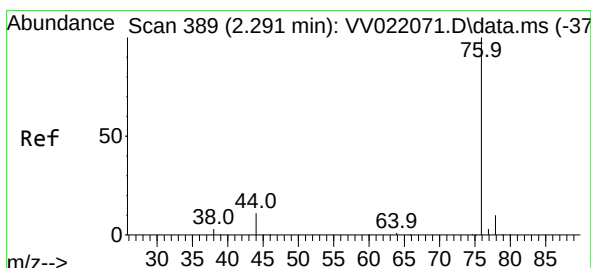
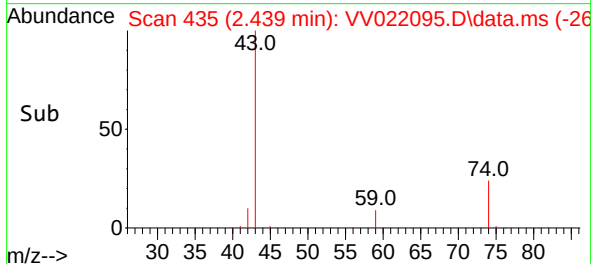
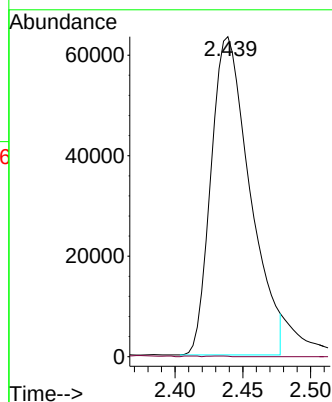
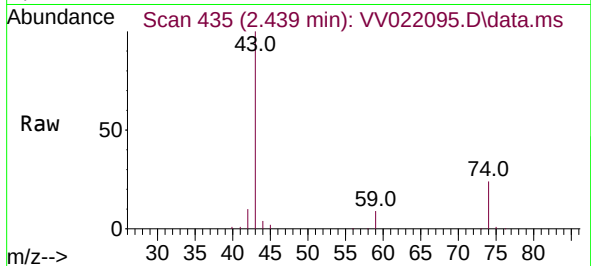




#13
Acetone
Concen: 88.276 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.248 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

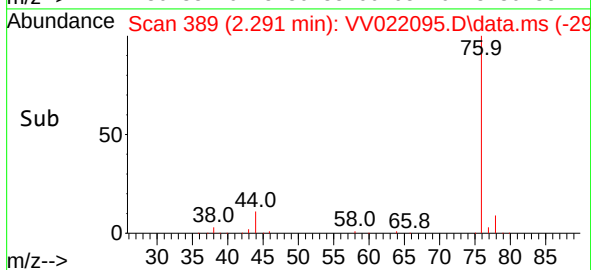
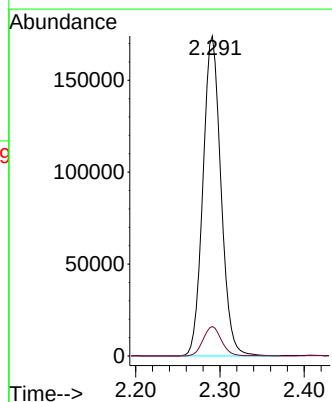
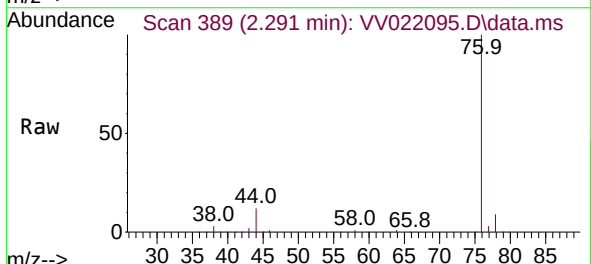
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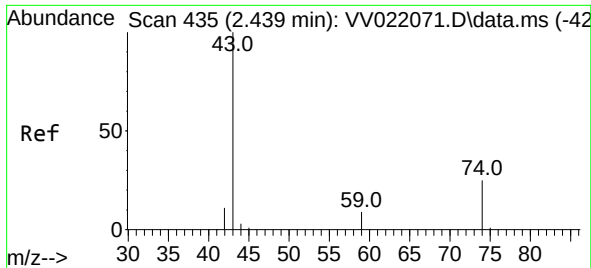
Tgt Ion: 43 Resp: 126454
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4



#14
Carbon disulfide
Concen: 41.401 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 76 Resp: 259394
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

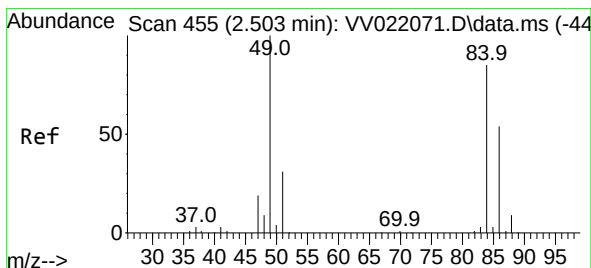
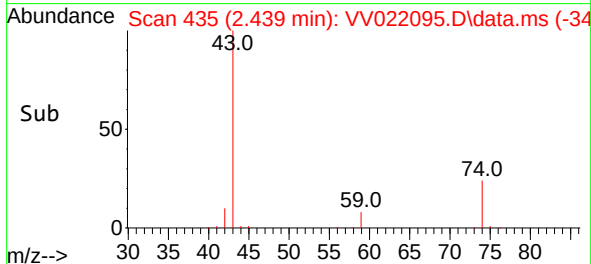
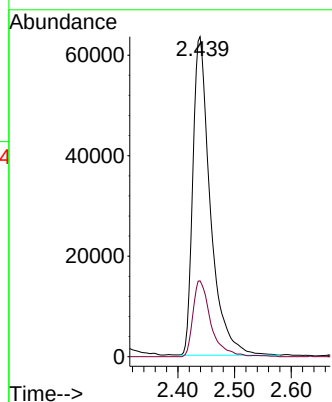
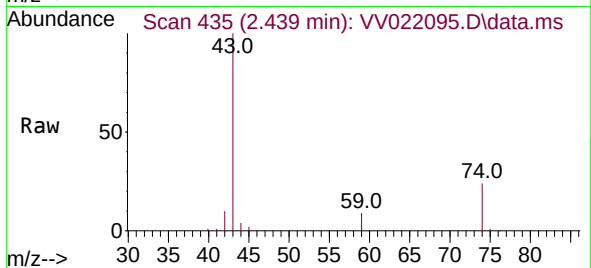




#15
Methyl Acetate
Concen: 48.650 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

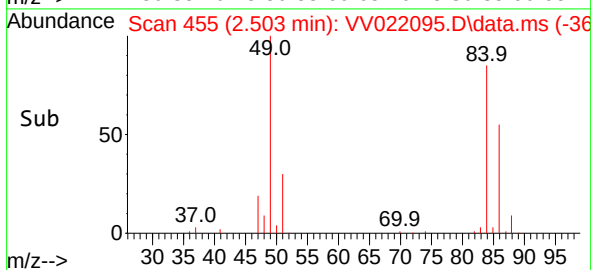
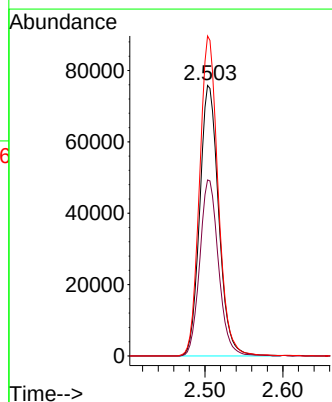
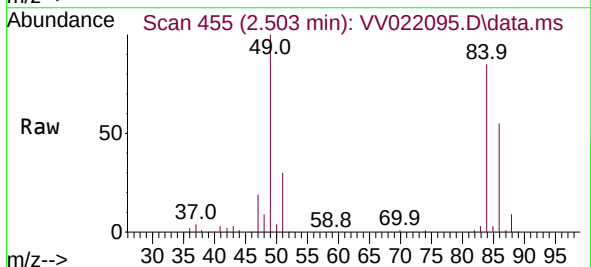
Instrument :
MSVOA_V
ClientSampled :

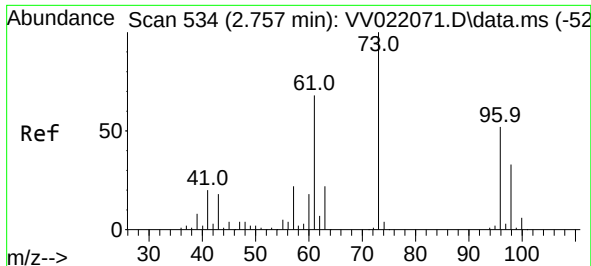
Tgt Ion: 43 Resp: 135717
Ion Ratio Lower Upper
43 100
74 23.9 20.2 30.2



#16
Methylene chloride
Concen: 45.998 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 84 Resp: 127964
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 118.3 80.2 149.0



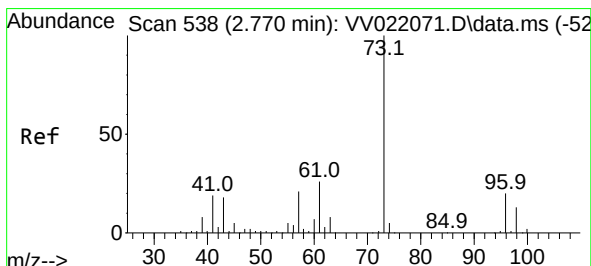
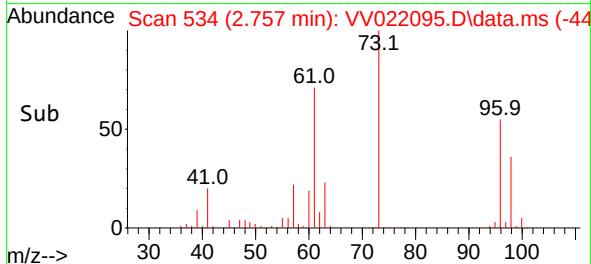
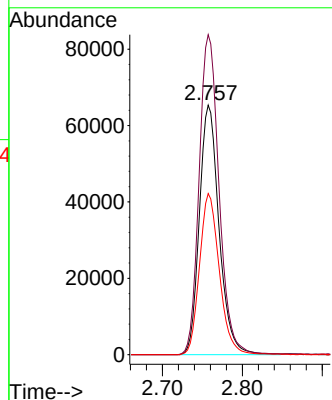
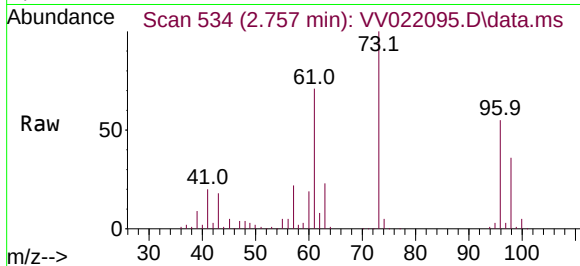


#17
 trans-1,2-Dichloroethene
 Concen: 44.730 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 112300

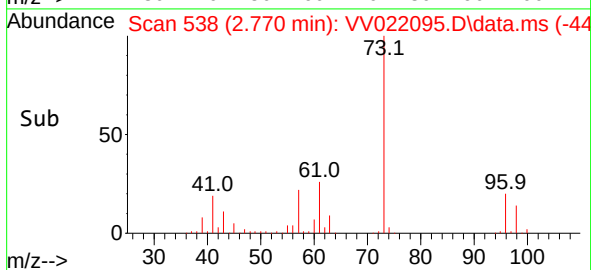
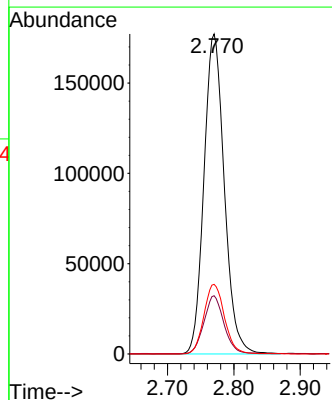
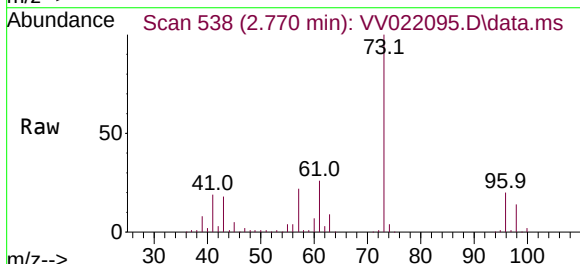
Ion	Ratio	Lower	Upper
96	100		
61	128.2	89.1	165.5
98	64.5	43.8	81.3

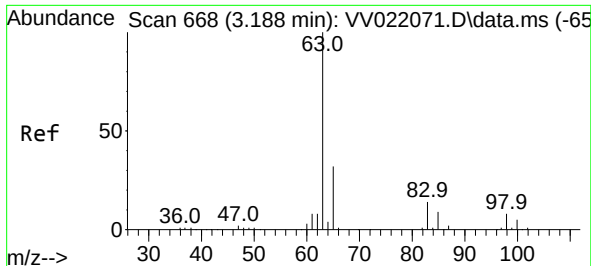


#18
 Methyl tert-butyl Ether
 Concen: 47.295 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

Tgt Ion: 73 Resp: 377323

Ion	Ratio	Lower	Upper
73	100		
43	17.7	13.8	20.6
57	22.0	17.1	25.7

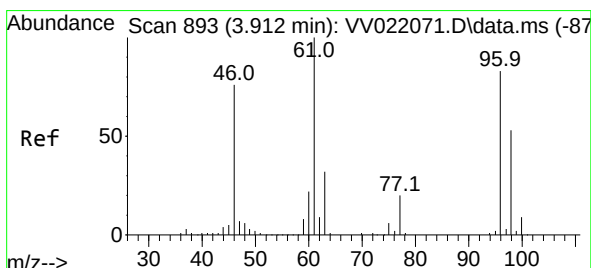
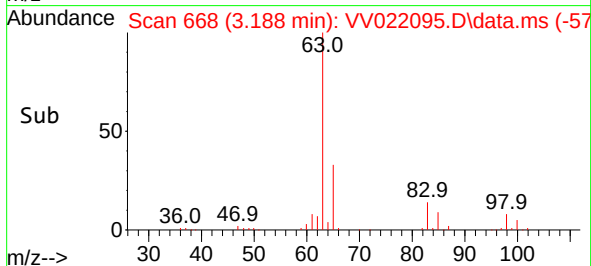
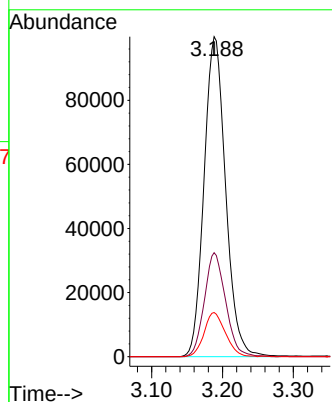
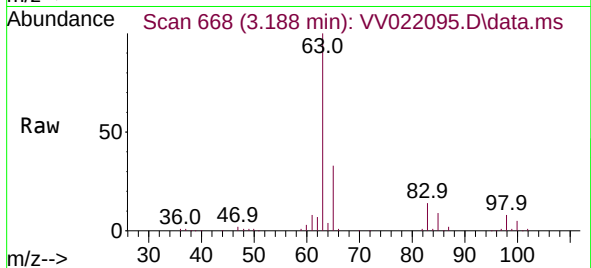




#19
1,1-Dichloroethane
Concen: 47.244 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

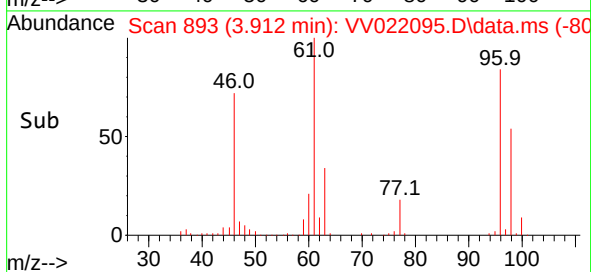
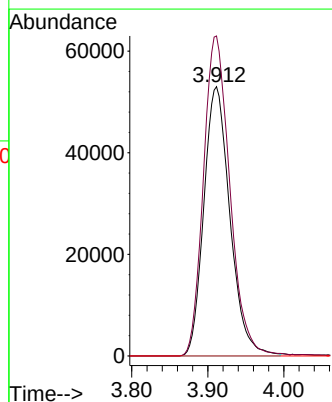
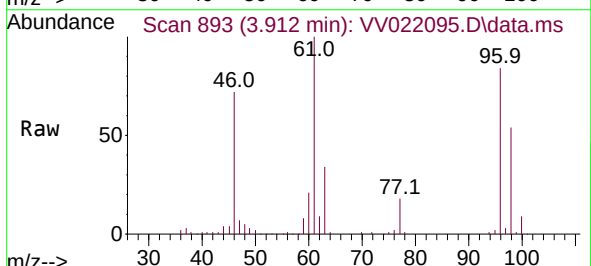
Instrument :
MSVOA_V
ClientSampleId :

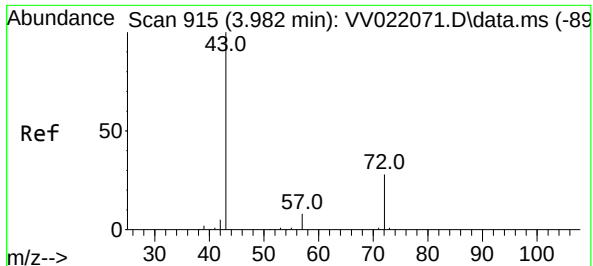
Tgt Ion:	63	Resp:	211253
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.2	41.2
83	13.8	9.7	17.9



#20
cis-1,2-Dichloroethene
Concen: 45.331 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

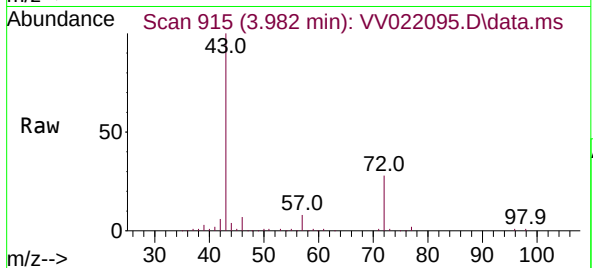
Tgt Ion:	96	Resp:	126667
Ion	Ratio	Lower	Upper
96	100		
61	118.8	81.8	152.0
68	0.0	0.0	0.0



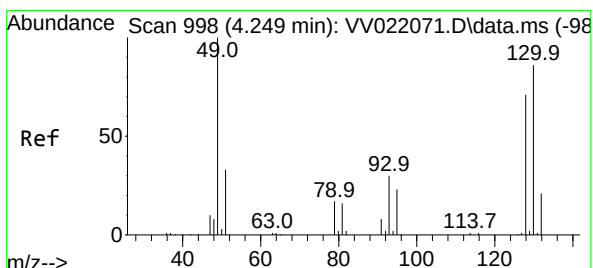
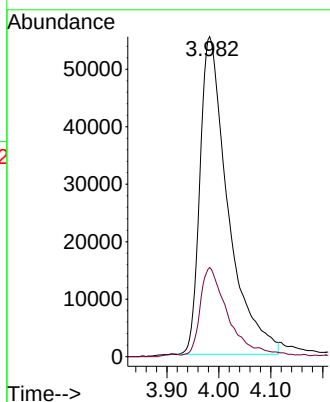
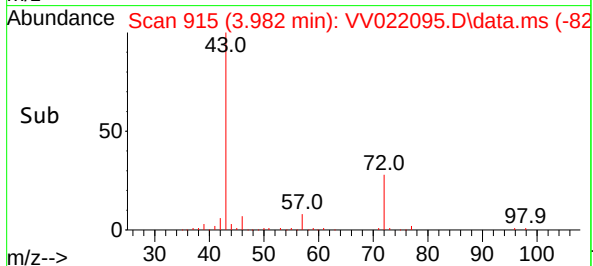


#22
2-Butanone
Concen: 102.541 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

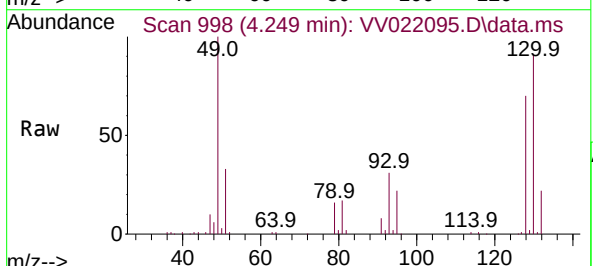
Instrument :
MSVOA_V
ClientSampled :



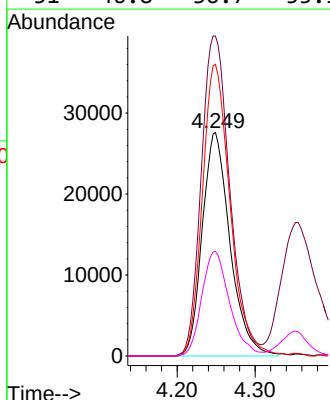
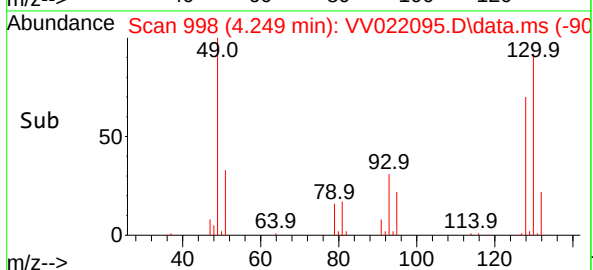
Tgt Ion: 43 Resp: 206474
Ion Ratio Lower Upper
43 100
72 25.6 13.3 39.8

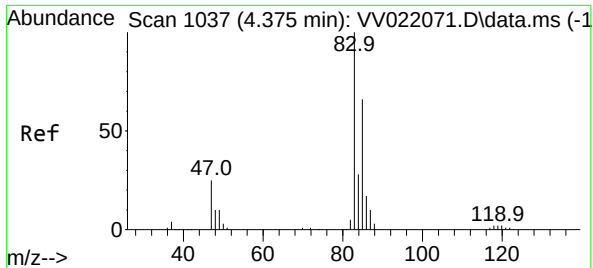


#23
Bromochloromethane
Concen: 45.792 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23



Tgt Ion: 128 Resp: 68144
Ion Ratio Lower Upper
128 100
49 143.1 101.6 188.8
130 130.5 88.5 164.3
51 46.8 36.7 55.1



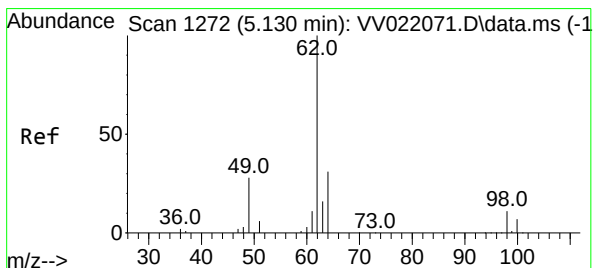
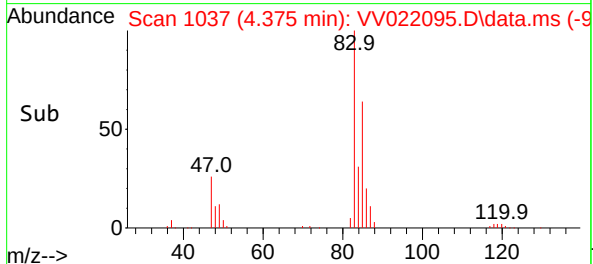
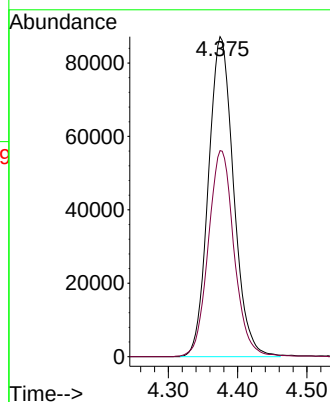
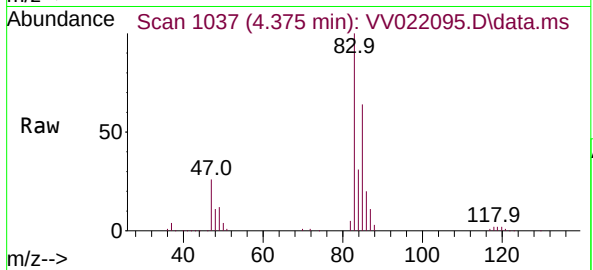


#25

Chloroform
Concen: 46.498 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Instrument :
MSVOA_V
ClientSampled :

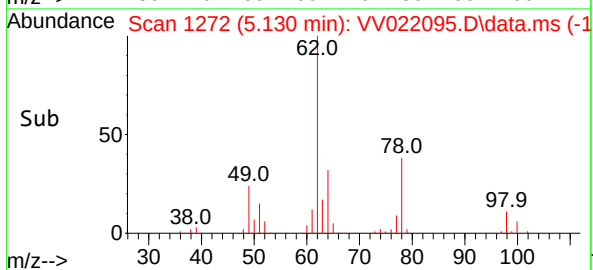
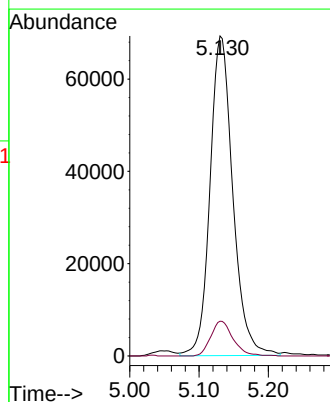
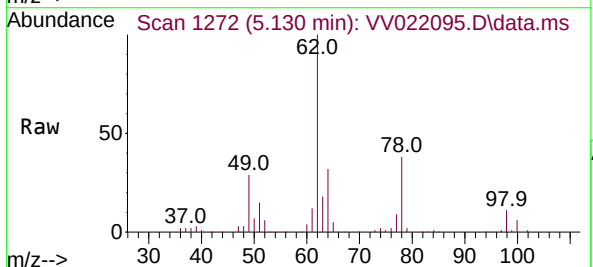
Tgt Ion: 83 Resp: 220097
Ion Ratio Lower Upper
83 100
85 64.4 46.3 85.9

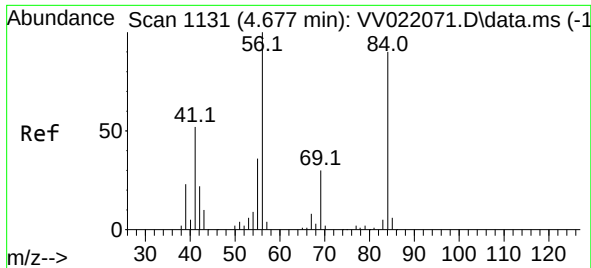


#27

1,2-Dichloroethane
Concen: 49.869 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 62 Resp: 158231
Ion Ratio Lower Upper
62 100
98 10.9 8.5 12.7

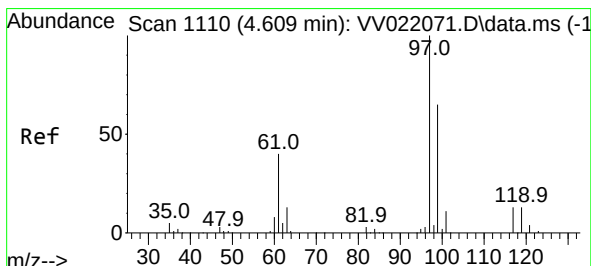
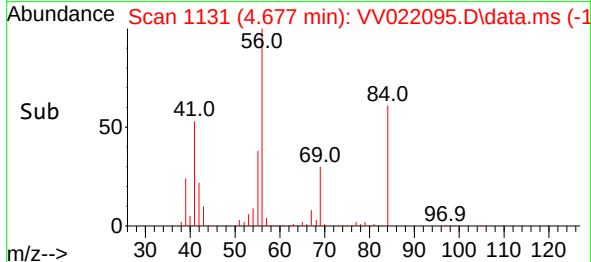
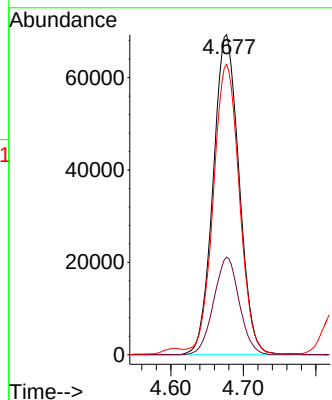
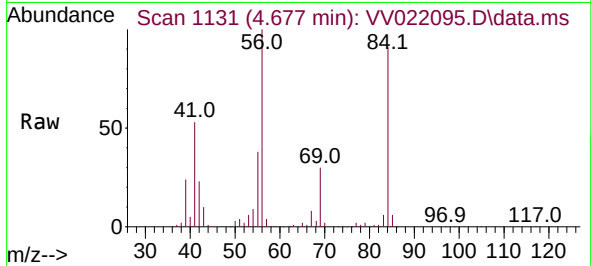




#29
Cyclohexane
Concen: 46.115 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

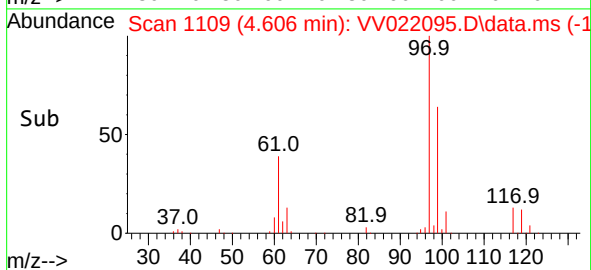
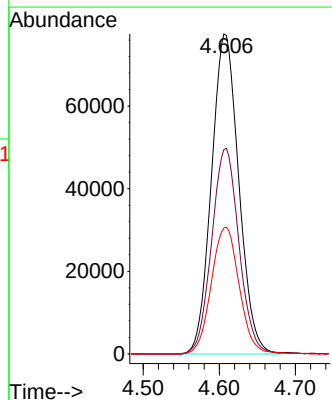
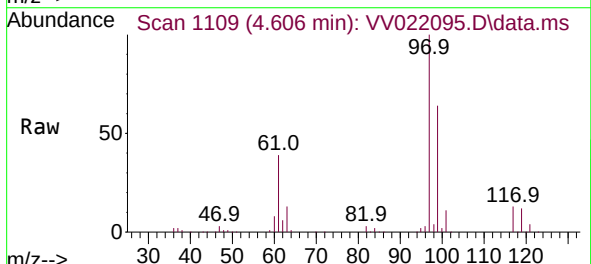
Instrument :
MSVOA_V
ClientSampled :

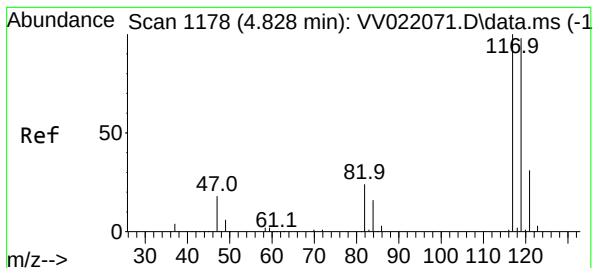
Tgt Ion:	56	Resp:	171847
Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.2	37.8
84	91.8	74.6	111.8



#30
1,1,1-Trichloroethane
Concen: 48.771 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:	97	Resp:	193230
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	40.6	31.8	47.8





#31

Carbon tetrachloride

Concen: 48.069 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Instrument :

MSVOA_V

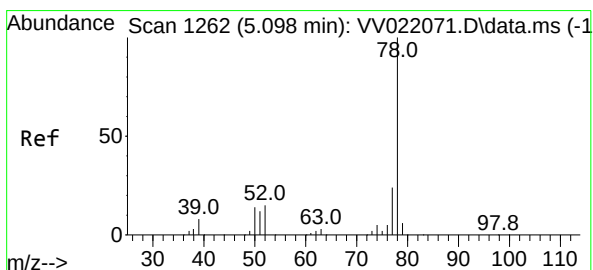
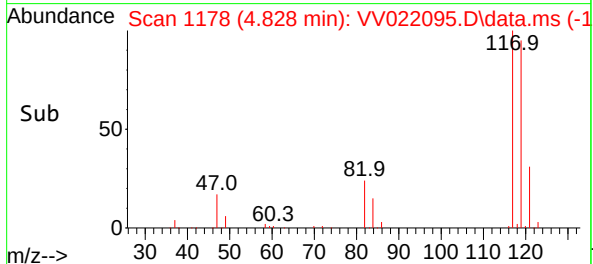
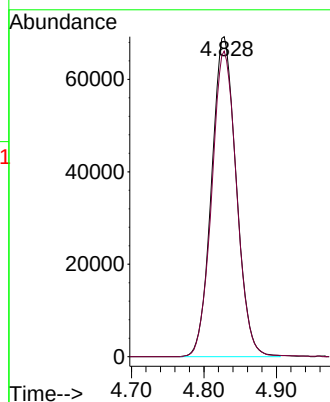
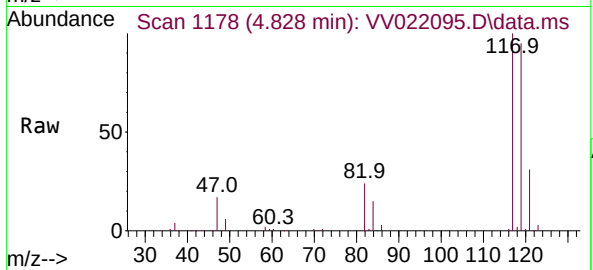
ClientSampled :

Tgt Ion:117 Resp: 163626

Ion Ratio Lower Upper

117 100

119 96.3 76.6 114.8



#33

Benzene

Concen: 48.101 ug/L

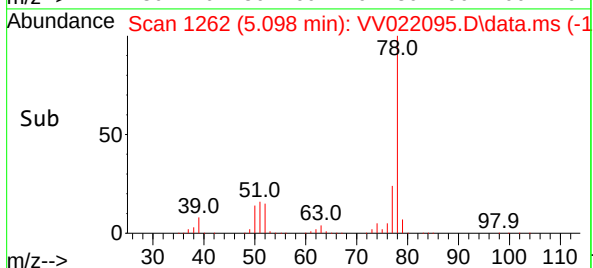
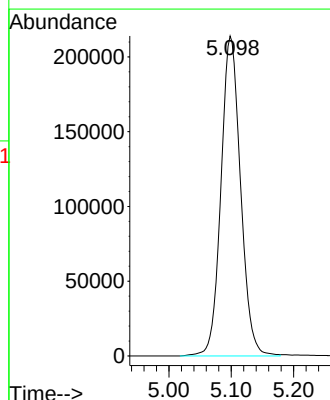
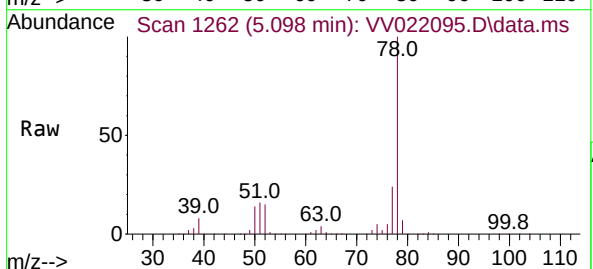
RT: 5.098 min Scan# 1262

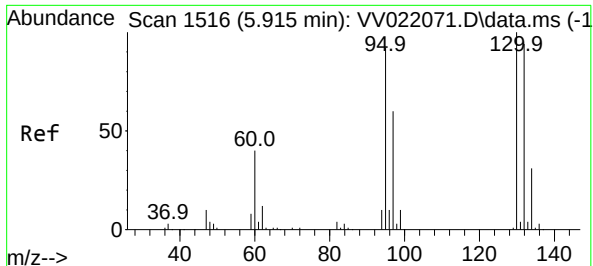
Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion: 78 Resp: 466529





#34

Trichloroethene

Concen: 45.126 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion: 95 Resp: 123975

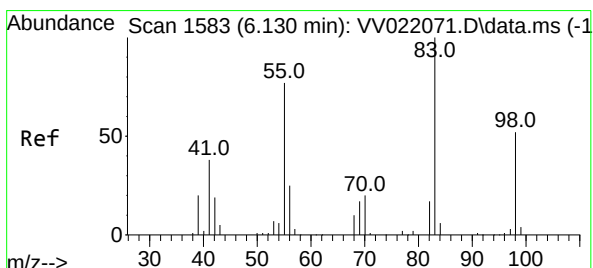
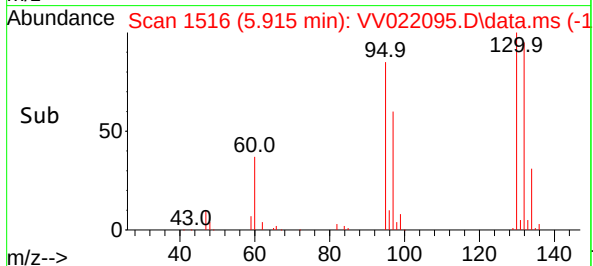
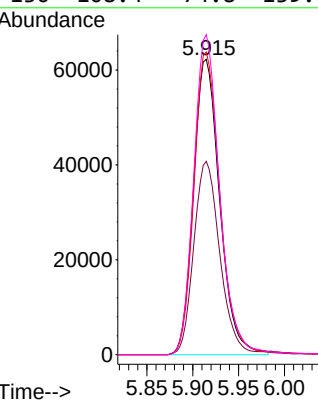
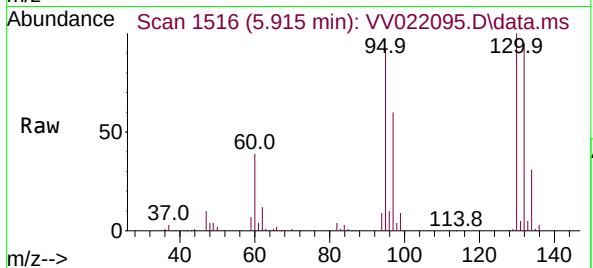
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 102.5 70.7 131.3

130 108.4 74.8 139.0



#35

Methylcyclohexane

Concen: 46.195 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

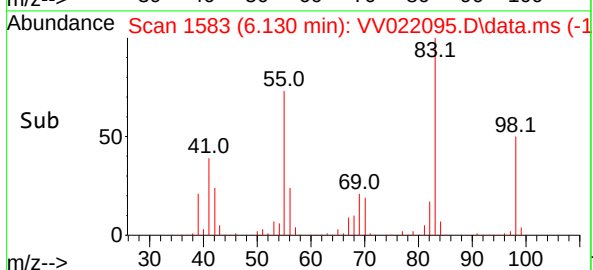
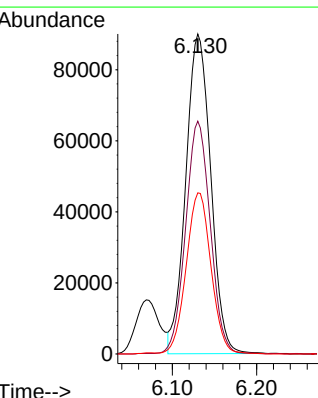
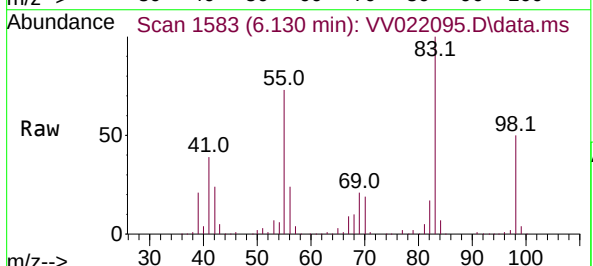
Tgt Ion: 83 Resp: 185532

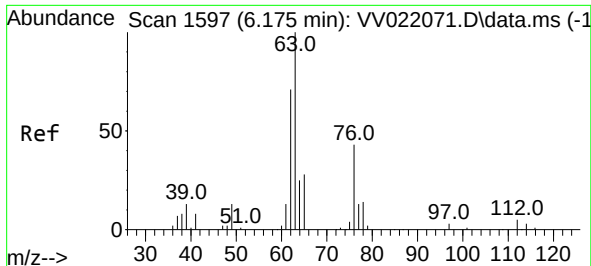
Ion Ratio Lower Upper

83 100

55 71.9 56.8 85.2

98 49.8 39.9 59.9



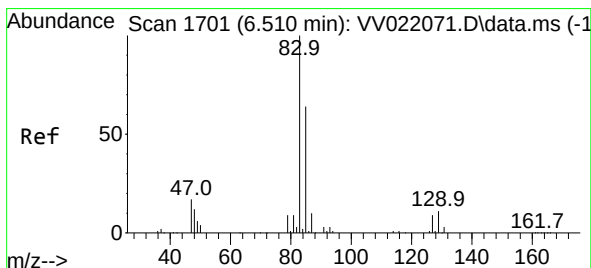
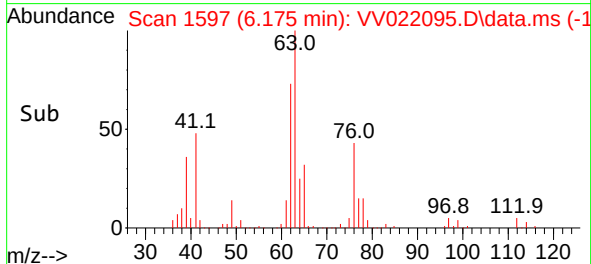
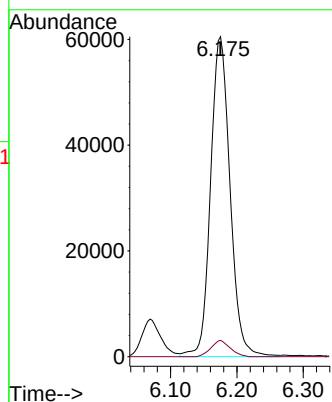
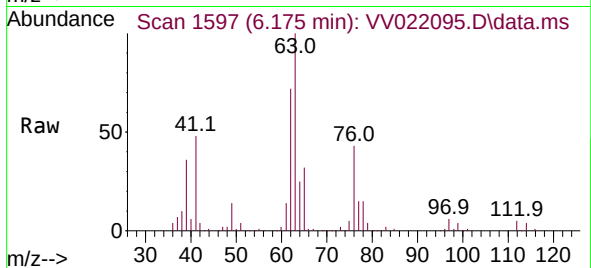


#37

1,2-Dichloropropane
Concen: 49.076 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Instrument :
MSVOA_V
ClientSampled :

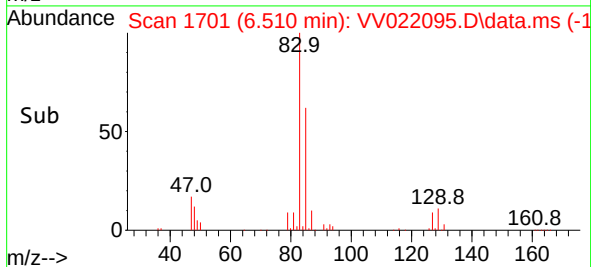
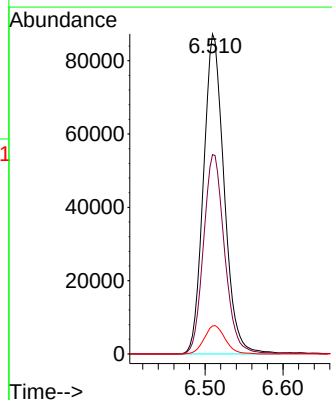
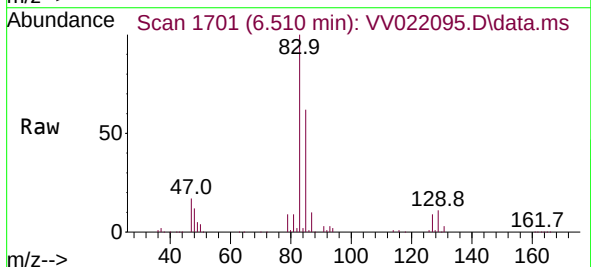
Tgt Ion: 63 Resp: 123384
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6

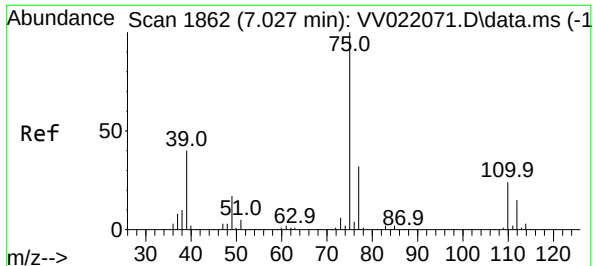


#38

Bromodichloromethane
Concen: 49.964 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 83 Resp: 160642
Ion Ratio Lower Upper
83 100
85 62.3 44.8 83.2
127 8.7 7.3 10.9

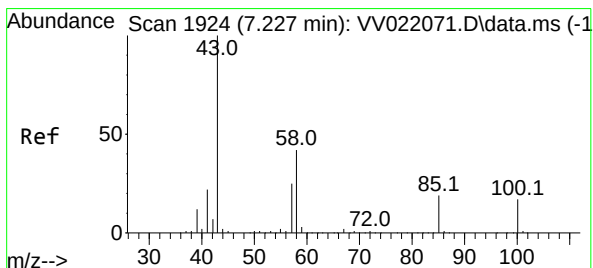
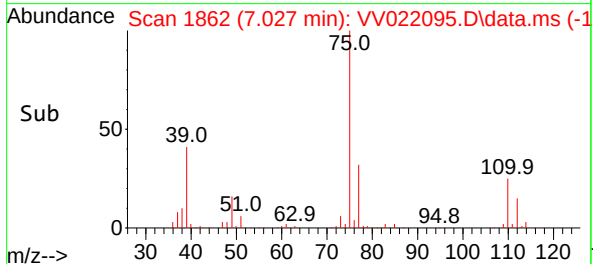
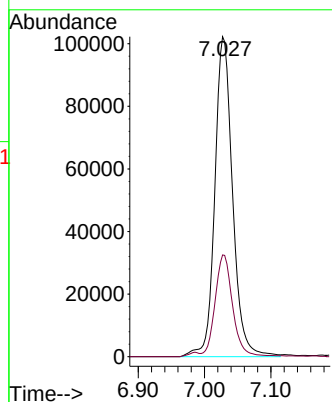
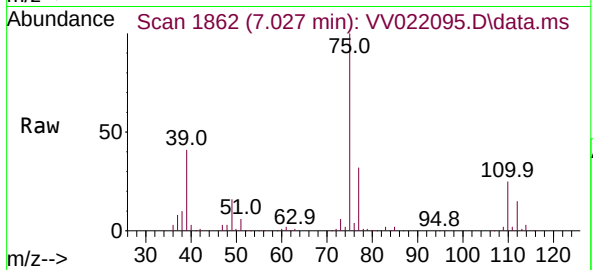




#39
 cis-1,3-Dichloropropene
 Concen: 49.067 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

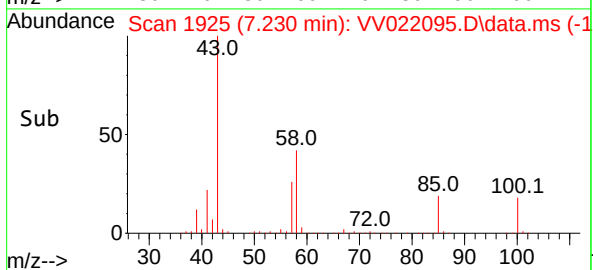
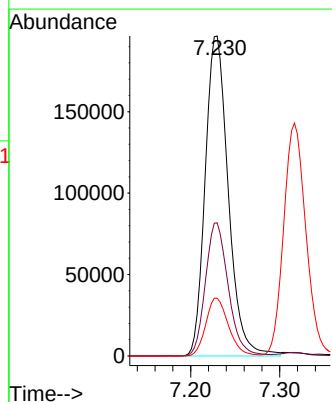
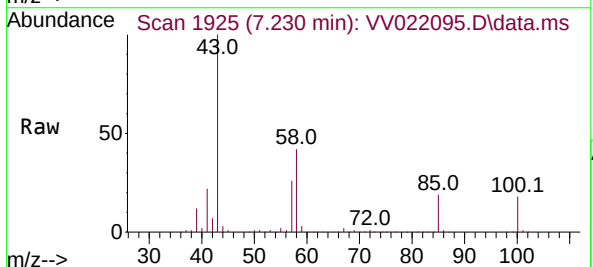
Instrument :
 MSVOA_V
 ClientSampled :

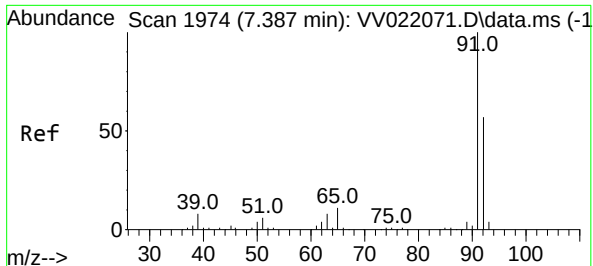
Tgt Ion: 75 Resp: 190457
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 103.870 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV022095.D
 Acq: 07 Sep 2021 11:23

Tgt Ion: 43 Resp: 354032
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.3 49.9
 100 17.8 14.5 21.7





#42

Toluene

Concen: 48.024 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

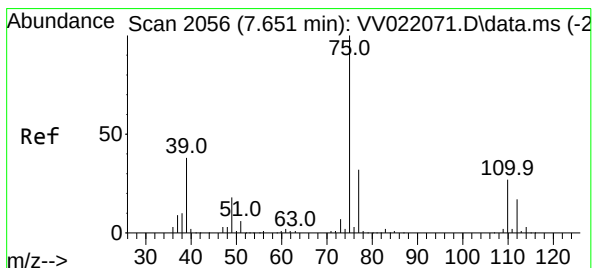
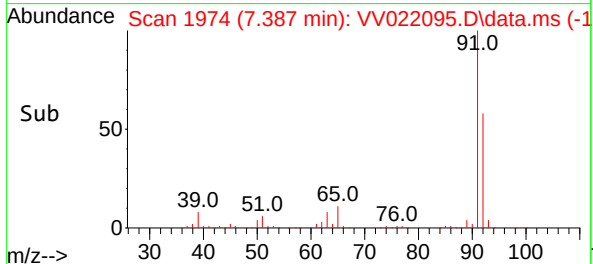
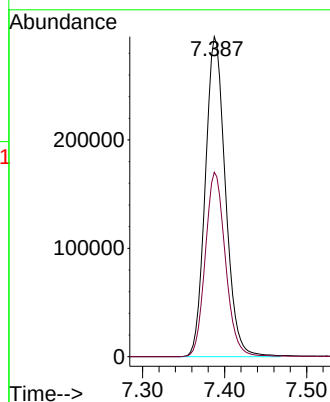
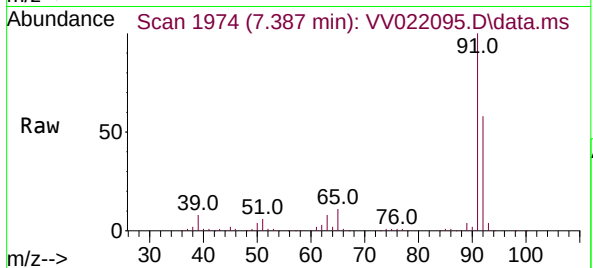
Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion: 91 Resp: 502706

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.3	74.8

Instrument :
MSVOA_V
ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 50.290 ug/L

RT: 7.651 min Scan# 2056

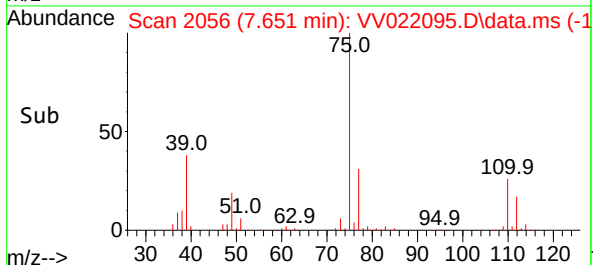
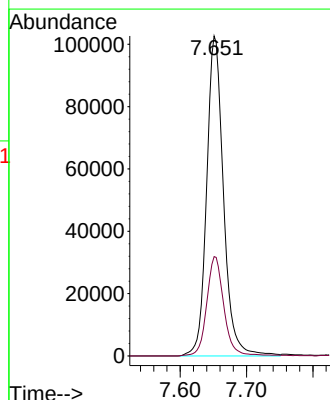
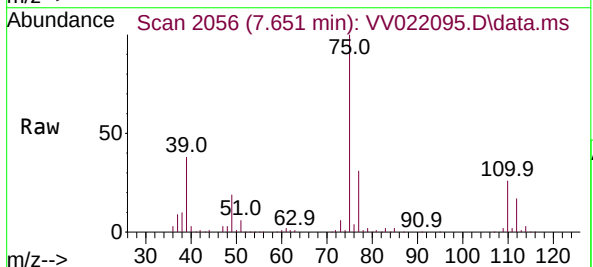
Delta R.T. -0.000 min

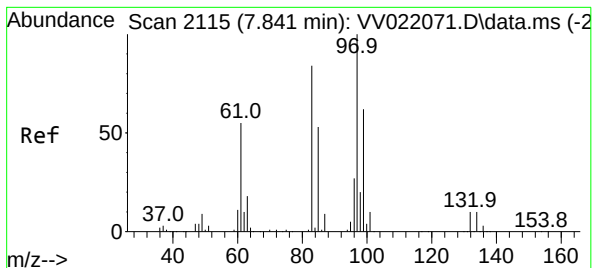
Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion: 75 Resp: 181678

Ion	Ratio	Lower	Upper
75	100		
77	31.1	21.8	40.6

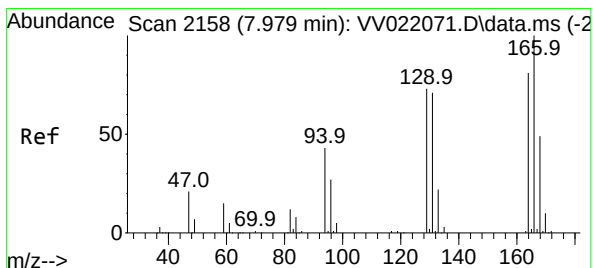
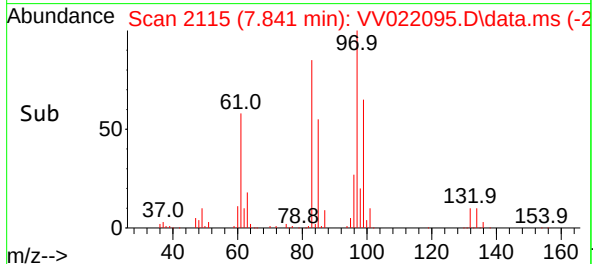
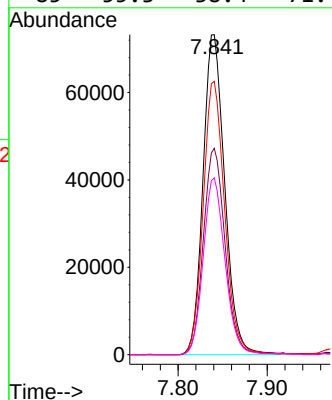
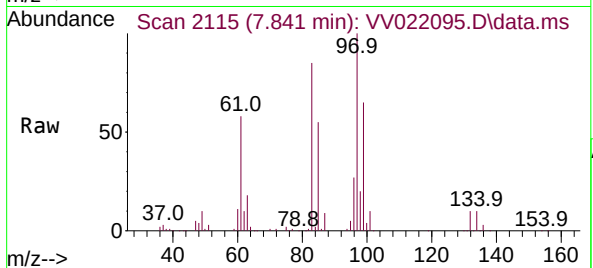




#45
1,1,2-Trichloroethane
Concen: 48.513 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

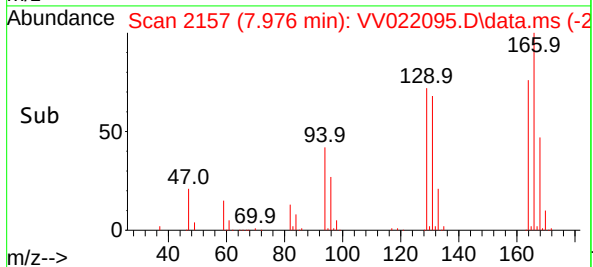
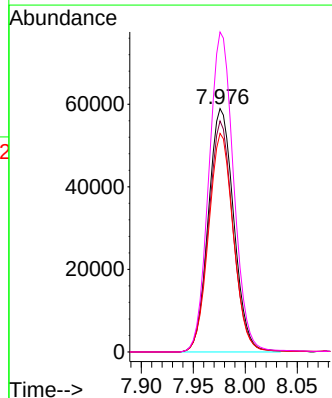
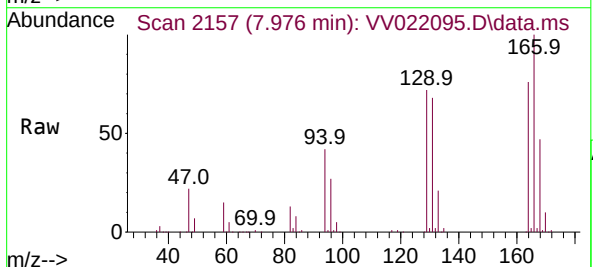
Instrument :
MSVOA_V
ClientSampleId :

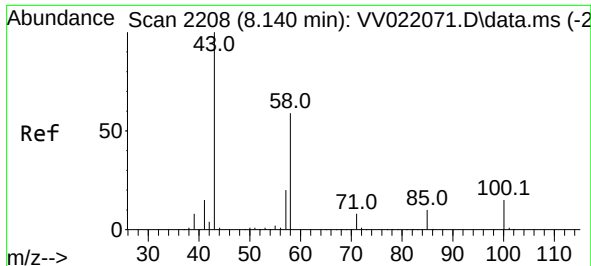
Tgt Ion:	97	Resp:	124101
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.4
83	85.4	58.8	109.2
85	55.3	38.4	71.4



#46
Tetrachloroethene
Concen: 46.851 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:	164	Resp:	100082
Ion	Ratio	Lower	Upper
164	100		
129	95.0	62.9	116.9
131	89.8	61.0	113.4
166	131.5	90.6	168.3



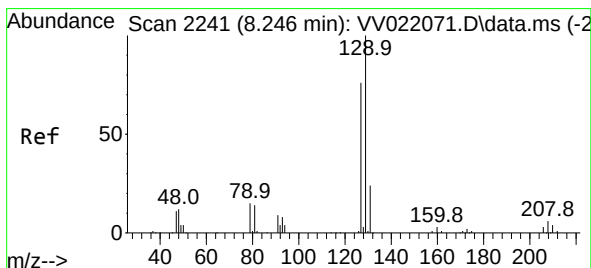
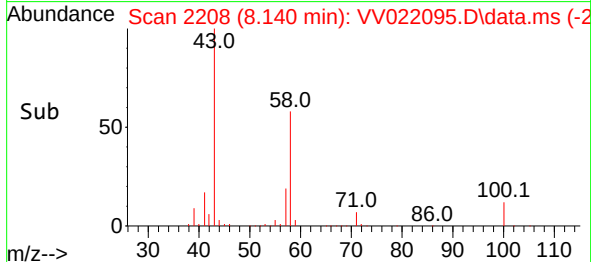
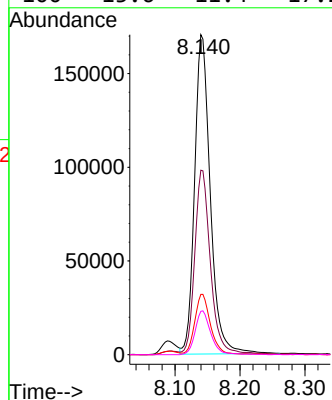
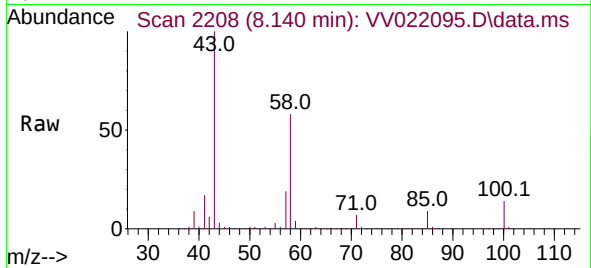


#48
2-Hexanone
Concen: 108.542 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 287044

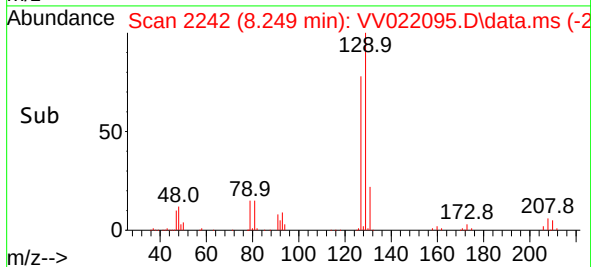
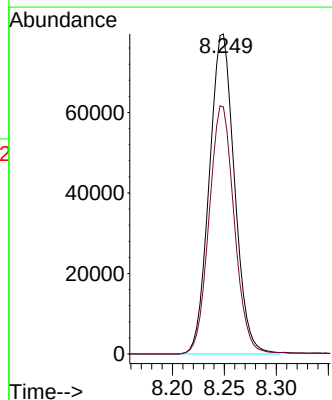
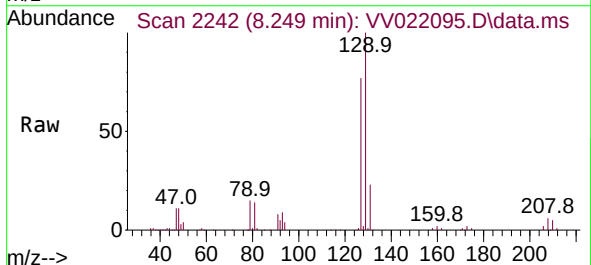
Ion	Ratio	Lower	Upper
43	100		
58	56.0	47.5	71.3
57	18.4	15.9	23.9
100	13.6	11.4	17.2

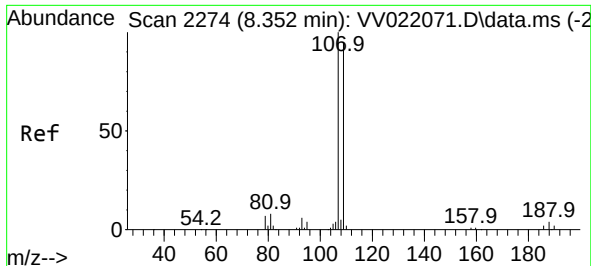


#49
Dibromochloromethane
Concen: 49.038 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 129 Resp: 134277

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.1	100.5





#50

1,2-Dibromoethane

Concen: 48.495 ug/L

RT: 8.352 min Scan# 2274

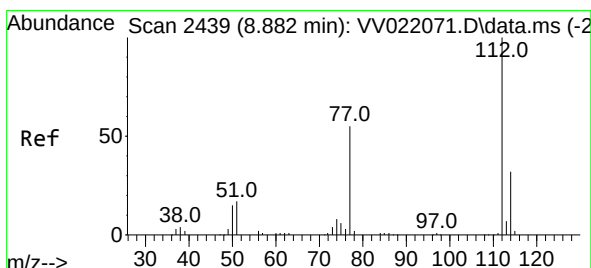
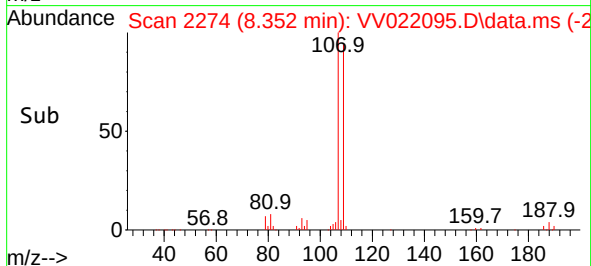
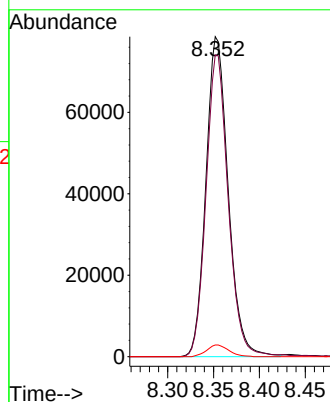
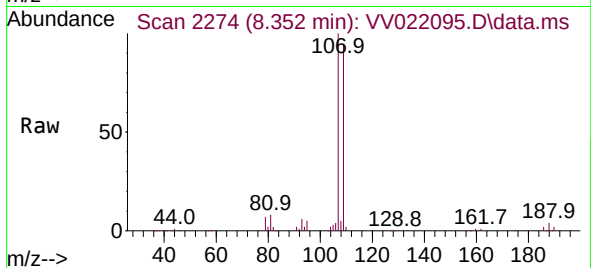
Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion:	107	Resp:	133139
Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.5	121.6
188	3.7	3.2	4.8

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 47.089 ug/L

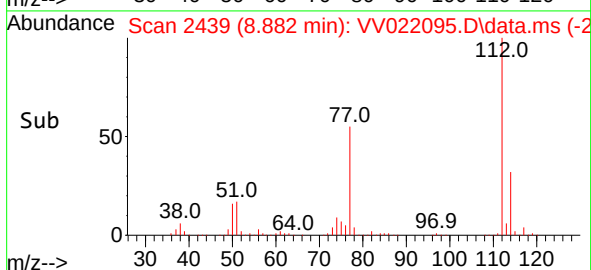
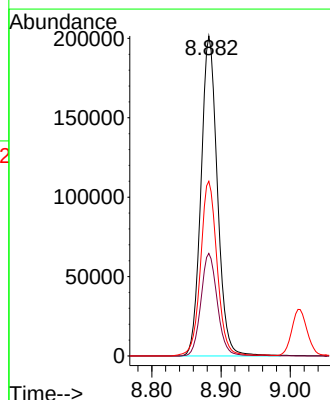
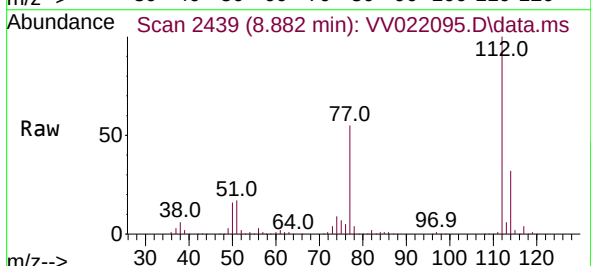
RT: 8.882 min Scan# 2439

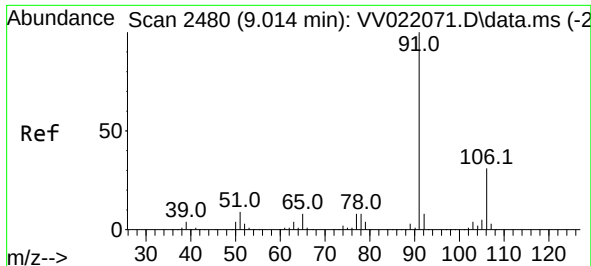
Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Tgt Ion:	112	Resp:	331410
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	41.0
77	54.6	43.2	64.8

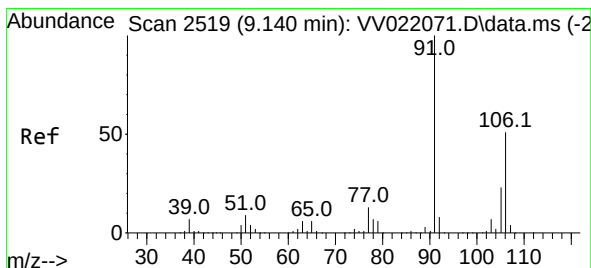
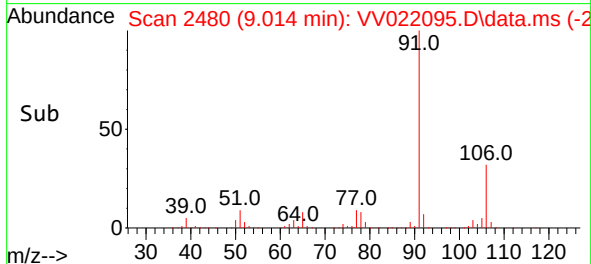
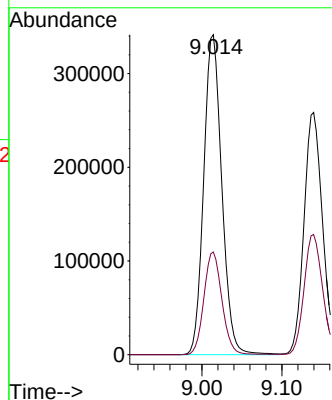
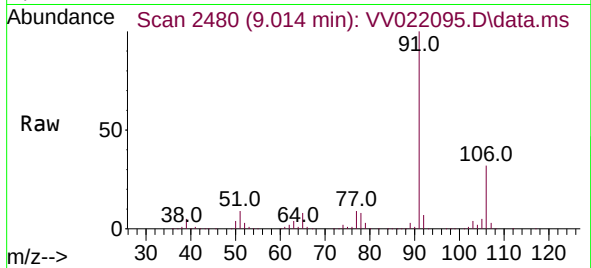




#52
Ethylbenzene
Concen: 47.520 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

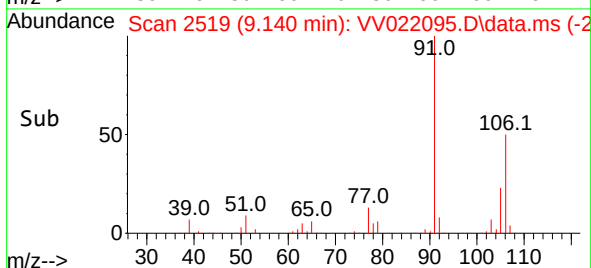
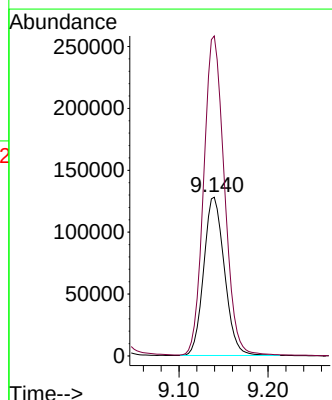
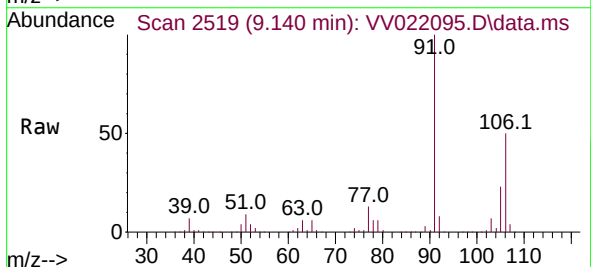
Instrument :
MSVOA_V
ClientSampled :

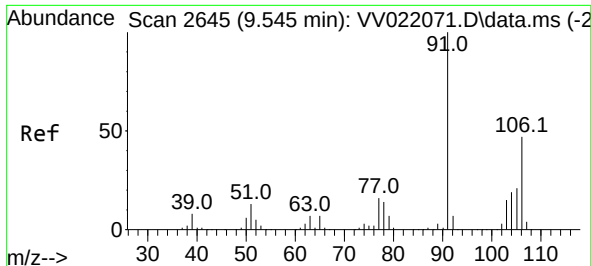
Tgt Ion: 91 Resp: 538482
Ion Ratio Lower Upper
91 100
106 32.1 21.7 40.3



#53
m,p-Xylene
Concen: 46.891 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 106 Resp: 206527
Ion Ratio Lower Upper
106 100
91 201.7 139.1 258.3

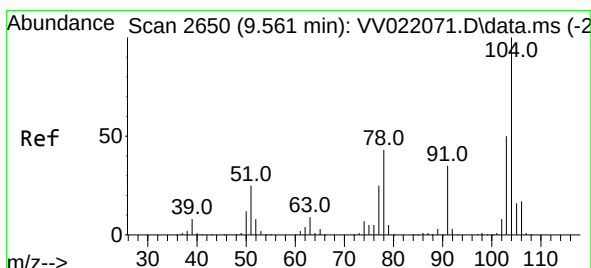
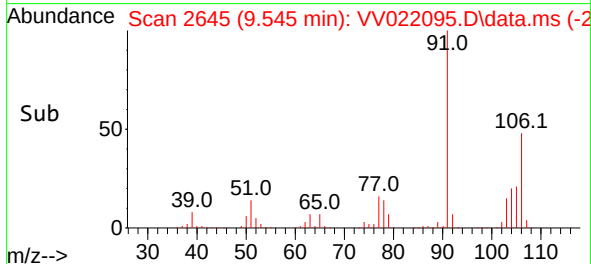
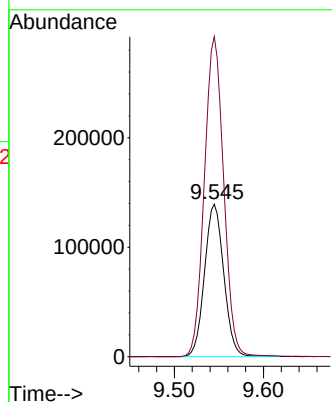
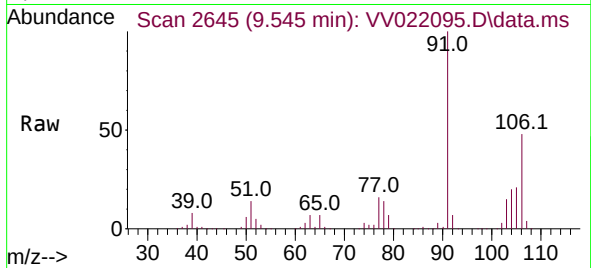




#54
o-Xylene
Concen: 47.997 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

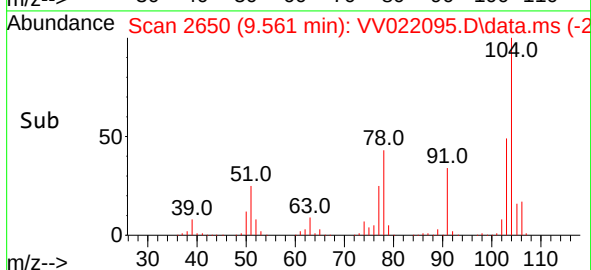
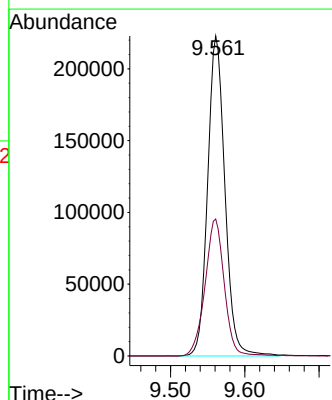
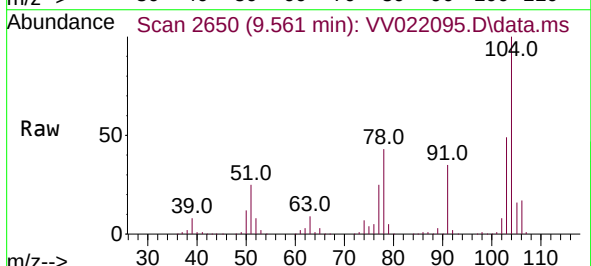
Instrument :
MSVOA_V
ClientSampled :

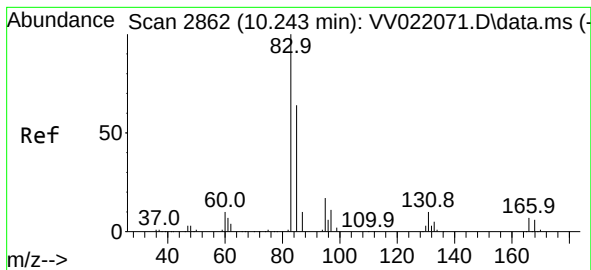
Tgt Ion:106 Resp: 209167
Ion Ratio Lower Upper
106 100
91 209.8 150.1 278.9



#55
Styrene
Concen: 48.355 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:104 Resp: 359627
Ion Ratio Lower Upper
104 100
78 42.8 28.6 53.2

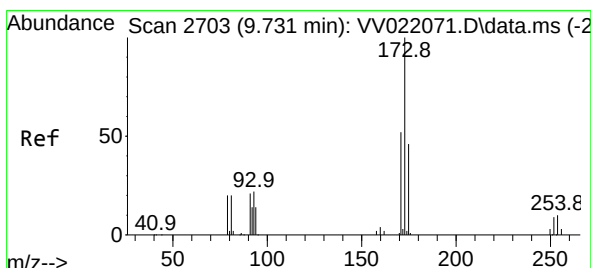
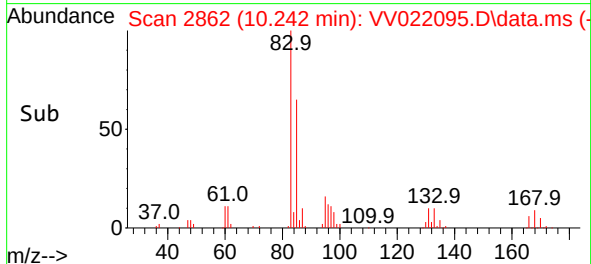
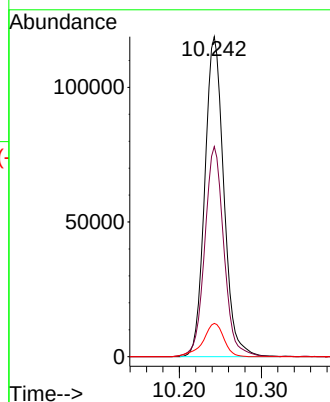
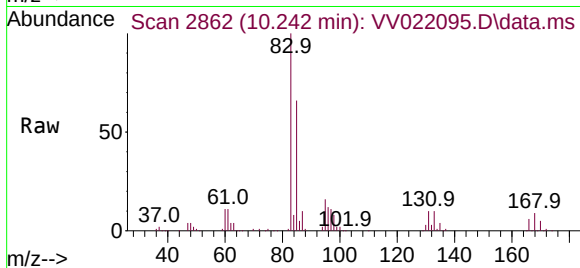




#57
1,1,2,2-Tetrachloroethane
Concen: 51.582 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

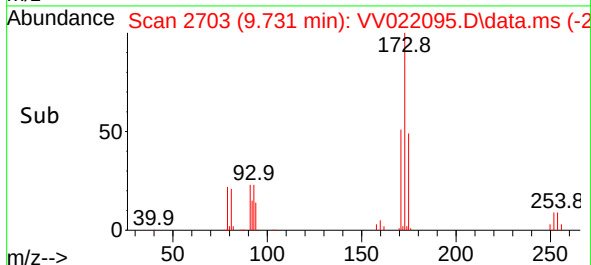
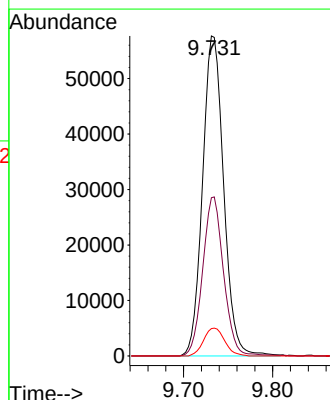
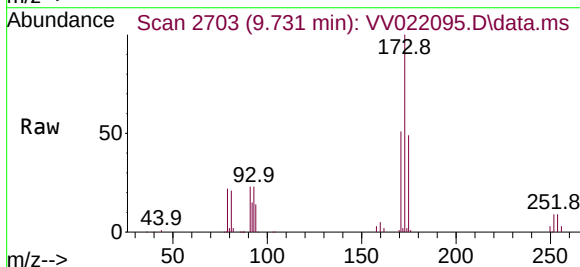
Instrument :
MSVOA_V
ClientSampleId :

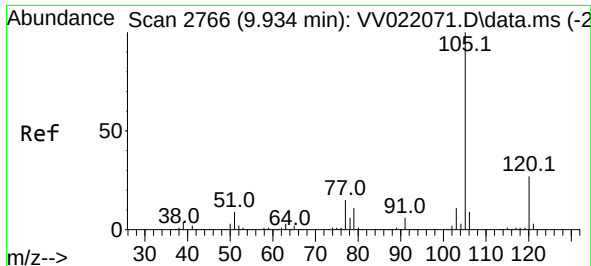
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.7	83.1
131	10.4	8.2	12.2



#59
Bromoform
Concen: 50.733 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.8	58.2
254	8.7	7.0	10.4

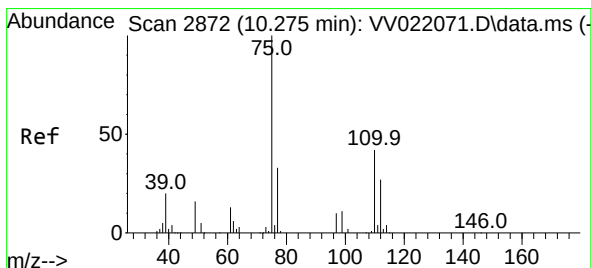
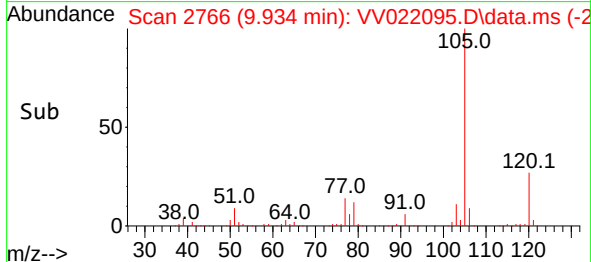
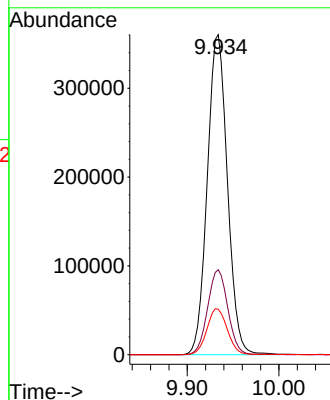
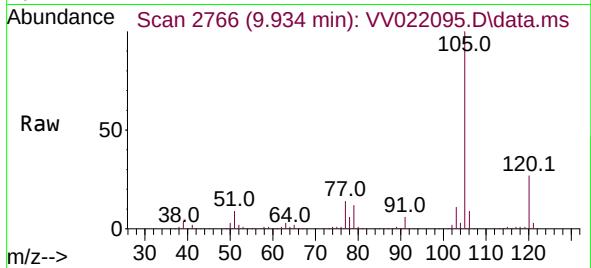




#60
Isopropylbenzene
Concen: 49.752 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

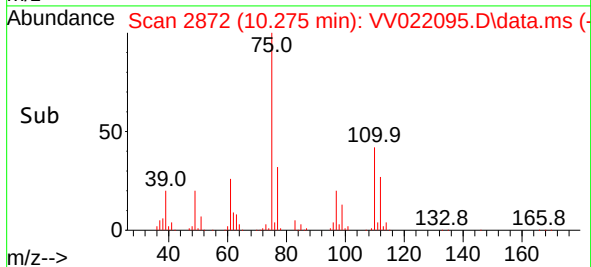
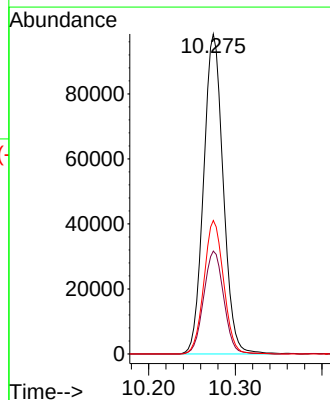
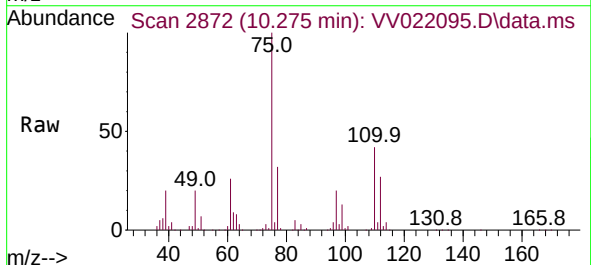
Instrument :
MSVOA_V
ClientSampleId :

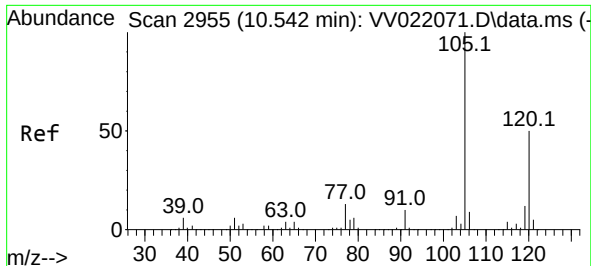
Tgt Ion:105 Resp: 550728
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.655 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 75 Resp: 154659
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 41.8 33.8 50.6

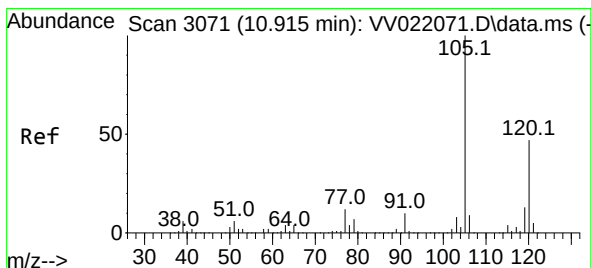
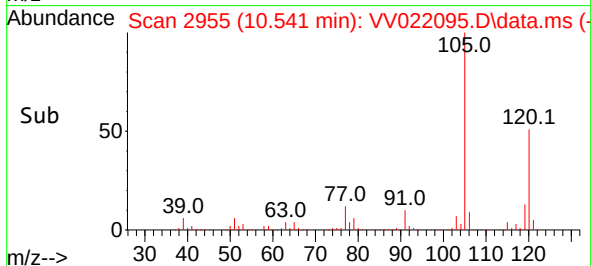
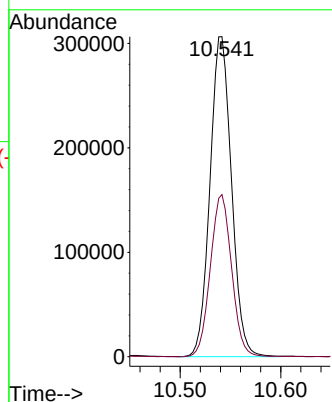
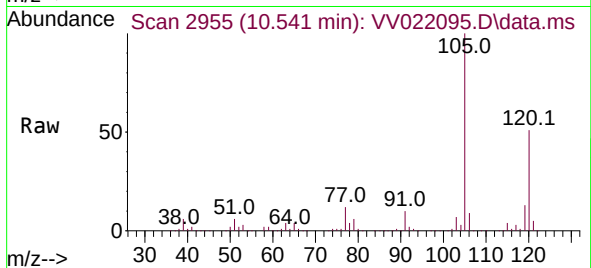




#62
1,3,5-Trimethylbenzene
Concen: 49.017 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

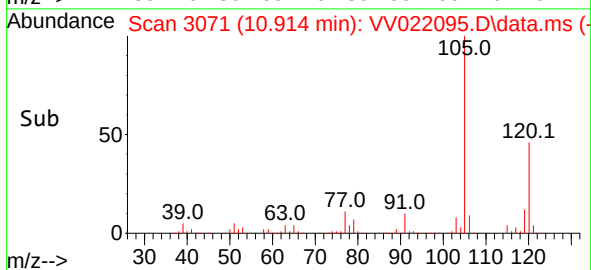
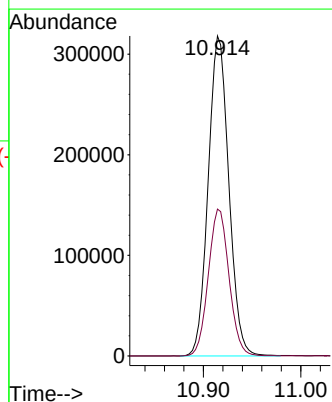
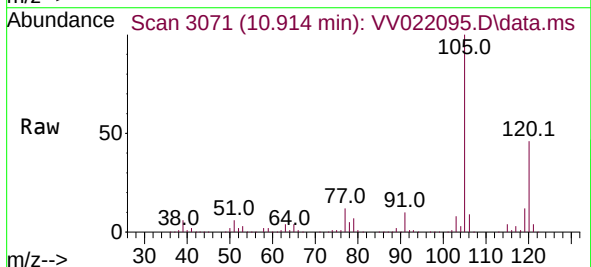
Instrument :
MSVOA_V
ClientSampled :

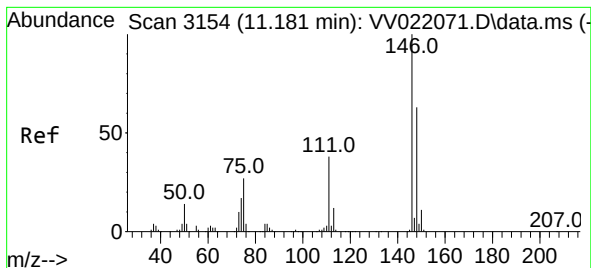
Tgt Ion:105 Resp: 455524
Ion Ratio Lower Upper
105 100
120 50.1 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.531 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:105 Resp: 467863
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 46.854 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

Instrument :

MSVOA_V

ClientSampleId :

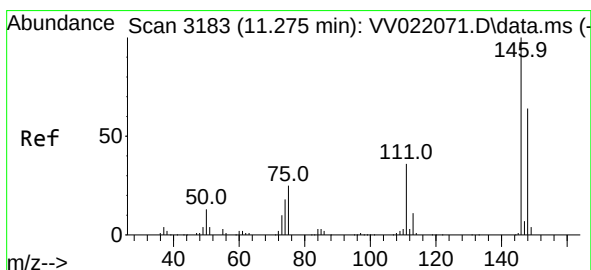
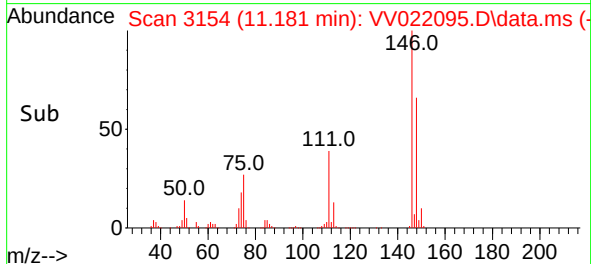
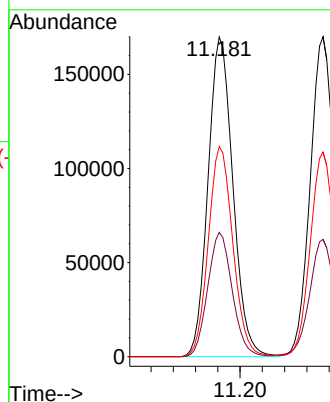
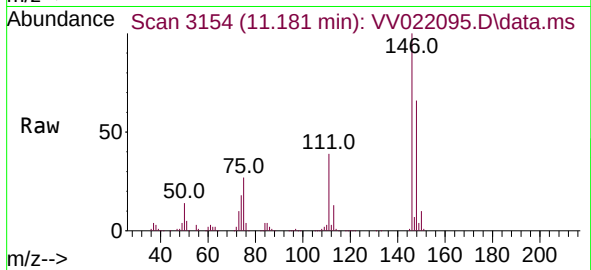
Tgt Ion:146 Resp: 263332

Ion Ratio Lower Upper

146 100

111 38.9 26.9 50.1

148 65.7 45.5 84.5



#65

1,4-Dichlorobenzene

Concen: 45.883 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV022095.D

Acq: 07 Sep 2021 11:23

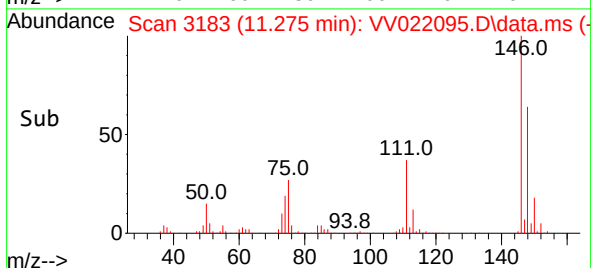
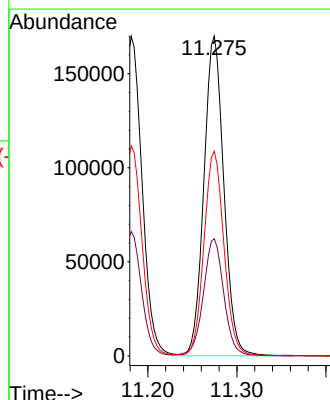
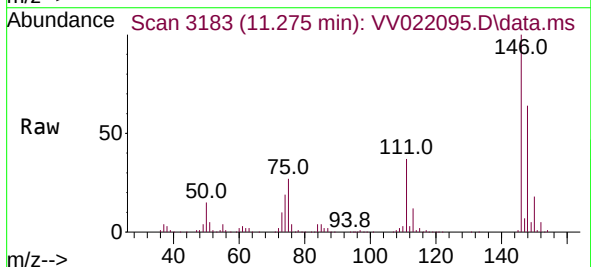
Tgt Ion:146 Resp: 263878

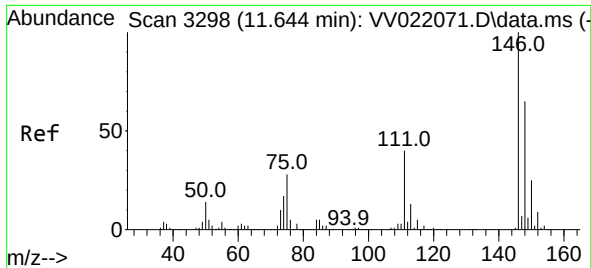
Ion Ratio Lower Upper

146 100

111 36.7 25.3 46.9

148 64.0 44.4 82.5

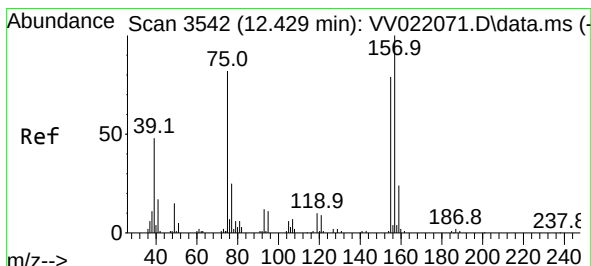
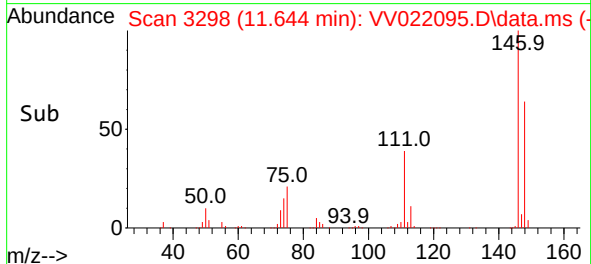
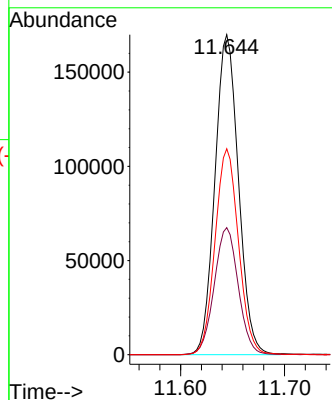
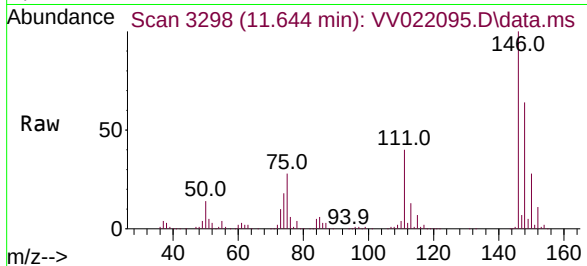




#67
1,2-Dichlorobenzene
Concen: 47.922 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

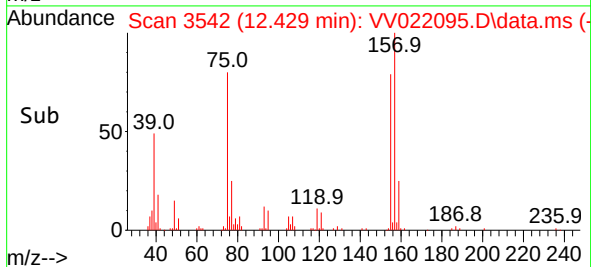
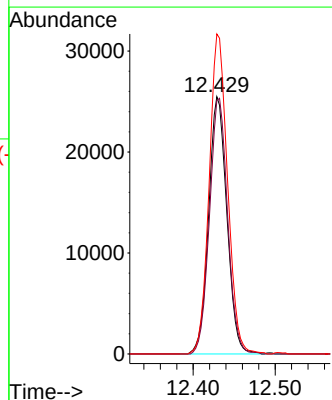
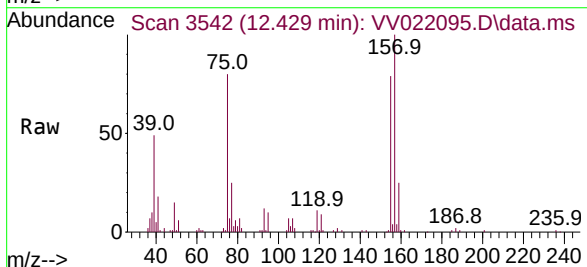
Instrument :
MSVOA_V
ClientSampleId :

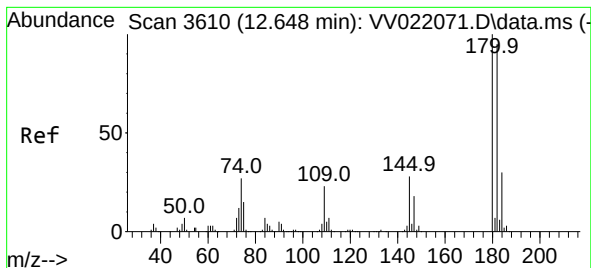
Tgt Ion:146 Resp: 267431
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 64.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 53.411 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion: 75 Resp: 39302
Ion Ratio Lower Upper
75 100
155 98.5 79.8 119.6
157 124.4 98.3 147.5

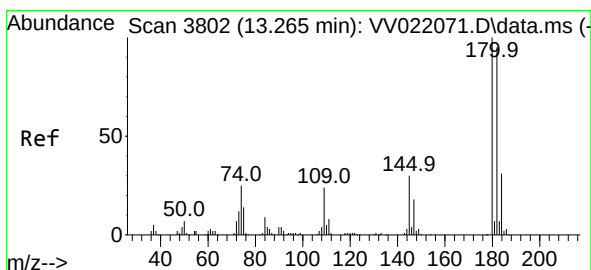
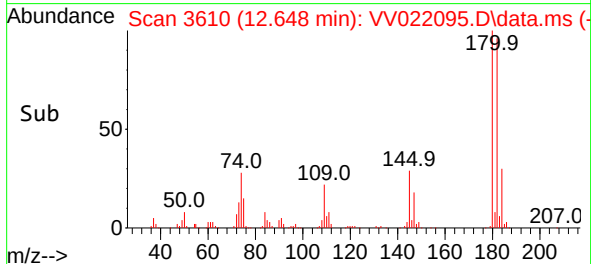
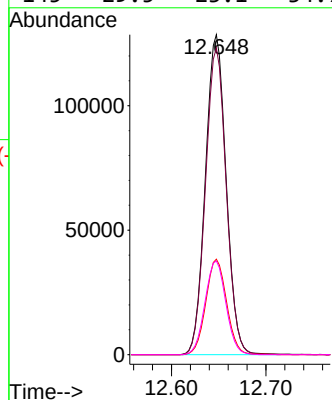
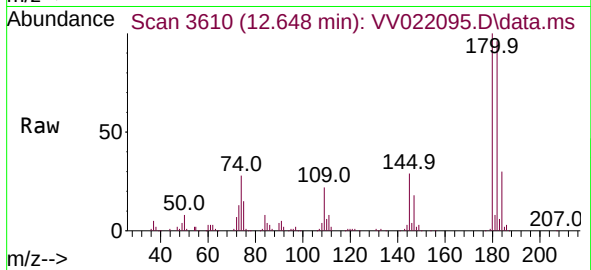




#69
1,3,5-Trichlorobenzene
Concen: 46.723 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

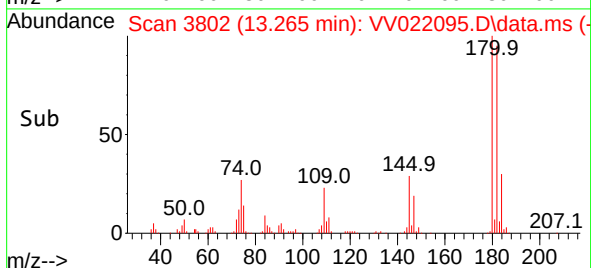
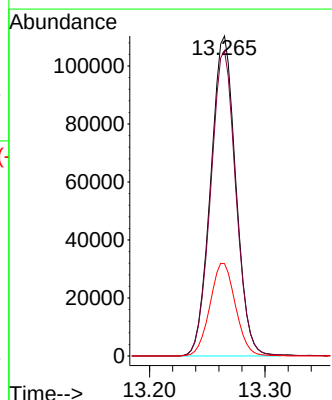
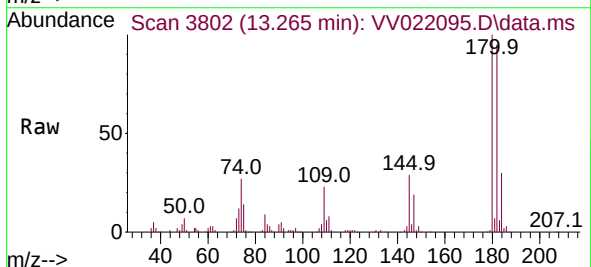
Instrument :
MSVOA_V
ClientSampleId :

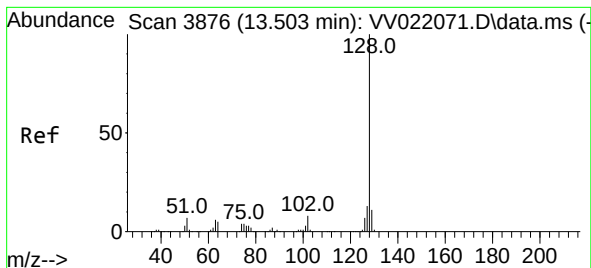
Tgt Ion:180 Resp: 196356
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
184 29.8 24.0 36.0
145 29.5 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 45.097 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:180 Resp: 166718
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 29.5 23.8 35.6

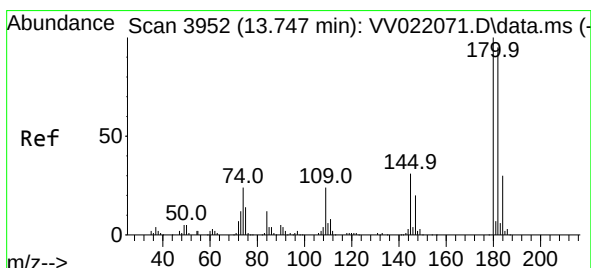
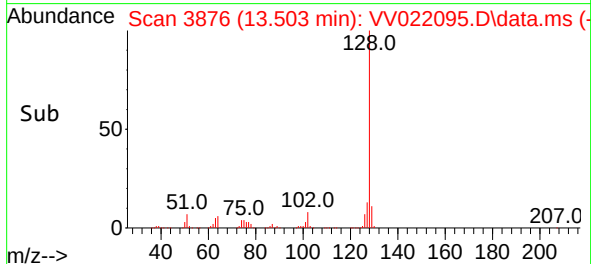
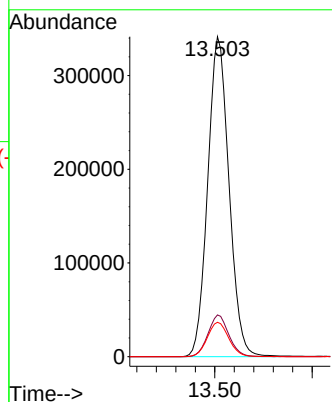
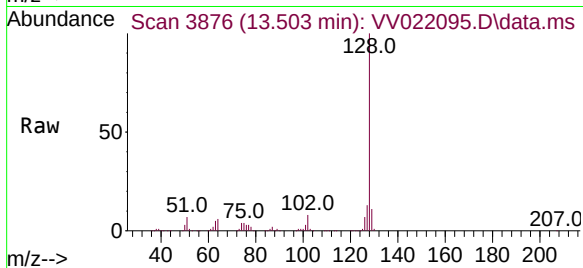




#71
Naphthalene
Concen: 48.626 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 517112
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.667 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV022095.D
Acq: 07 Sep 2021 11:23

Tgt Ion:180 Resp: 171882
Ion Ratio Lower Upper
180 100
182 94.6 76.3 114.5
145 31.1 25.4 38.0

