

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022419.D
 Acq On : 30 Sep 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

Quant Time: Oct 01 02:35:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	237829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130263	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93363	46.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.520%
7) Chloroethane-d5	1.558	69	74739	46.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	2.105	63	169794	48.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
21) 2-Butanone-d5	3.870	46	129720	91.068	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.070%
24) Chloroform-d	4.346	84	169892	46.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	5.031	65	99635	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.047	84	339233	46.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	6.069	67	105440	45.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.313	98	315284	47.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	7.622	79	48856	46.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.600%
47) 2-Hexanone-d5	8.088	63	86867	92.504	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153189	45.663	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	129934	44.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	123090	54.308	ug/L	98
3) Chloromethane	1.240	50	121854	52.570	ug/L	100
5) Vinyl chloride	1.307	62	114178	52.781	ug/L	99
6) Bromomethane	1.507	94	74791	53.861	ug/L	99
8) Chloroethane	1.577	64	72856	55.235	ug/L	98
9) Trichlorofluoromethane	1.748	101	161051	54.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	92724	56.308	ug/L	99
12) 1,1-Dichloroethene	2.114	96	85115	54.410	ug/L	88
13) Acetone	2.156	43	136750	122.320	ug/L	98
14) Carbon disulfide	2.288	76	261623	53.598	ug/L	100
15) Methyl Acetate	2.423	43	115259	55.313	ug/L	98
16) Methylene chloride	2.503	84	106570	48.881	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	97173	53.862	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	301222	56.147	ug/L	100
19) 1,1-Dichloroethane	3.188	63	175789	53.982	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	103449	53.839	ug/L	97
22) 2-Butanone	3.953	43	170136	115.686	ug/L	96
23) Bromochloromethane	4.243	128	57073	54.789	ug/L	96
25) Chloroform	4.371	83	177178	52.817	ug/L	96

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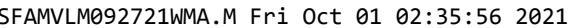
Instrument :
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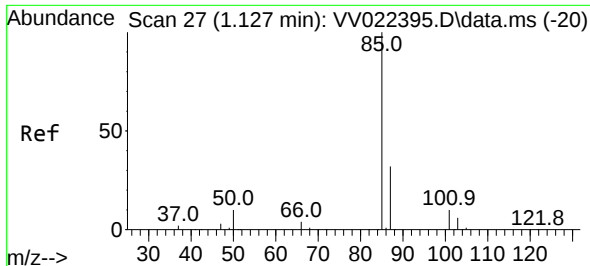
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	127951	53.639	ug/L	99
29) Cyclohexane	4.677	56	149396	55.523	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	153480	55.687	ug/L	99
31) Carbon tetrachloride	4.825	117	134224	55.297	ug/L	100
33) Benzene	5.098	78	395912	56.497	ug/L	100
34) Trichloroethene	5.912	95	98083	54.426	ug/L	99
35) Methylcyclohexane	6.130	83	161238	58.078	ug/L	99
37) 1,2-Dichloropropane	6.172	63	102246	56.852	ug/L	99
38) Bromodichloromethane	6.510	83	127585	55.484	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	153517	57.995	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	285016	112.626	ug/L	99
42) Toluene	7.387	91	424036	56.689	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	146532	57.977	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	103332	56.455	ug/L	99
46) Tetrachloroethene	7.976	164	84190	56.738	ug/L	97
48) 2-Hexanone	8.137	43	222004	115.515	ug/L	98
49) Dibromochloromethane	8.246	129	110915	57.267	ug/L	99
50) 1,2-Dibromoethane	8.352	107	110045	56.247	ug/L	98
51) Chlorobenzene	8.882	112	270141	54.895	ug/L	99
52) Ethylbenzene	9.011	91	443912	56.659	ug/L	100
53) m,p-Xylene	9.140	106	173872	57.626	ug/L	98
54) o-Xylene	9.545	106	171367	58.452	ug/L	100
55) Styrene	9.561	104	302808	59.407	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	167290	55.217	ug/L	97
59) Bromoform	9.731	173	80723	55.236	ug/L	98
60) Isopropylbenzene	9.934	105	444289	55.371	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	128882	53.032	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	372629	56.354	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	378571	56.735	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	222635	54.734	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	223027	53.831	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	227296	54.721	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	33491	52.190	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	157565	53.697	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	134741	54.269	ug/L	99
71) Naphthalene	13.503	128	420320	55.252	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	142080	55.424	ug/L	98

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

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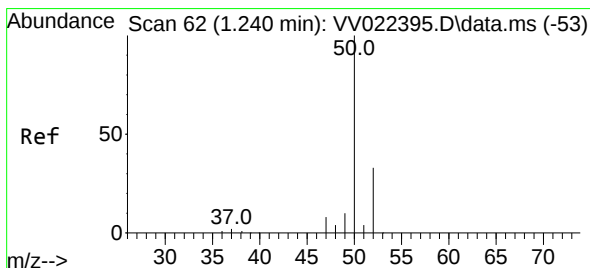
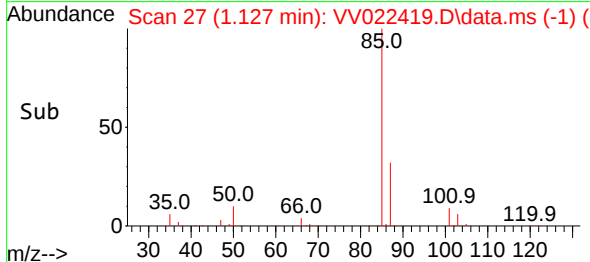
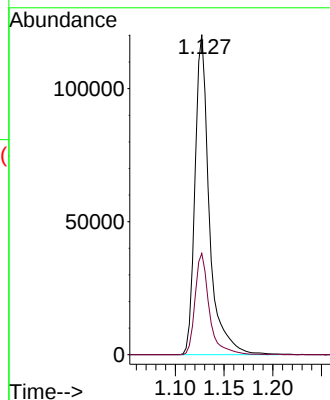
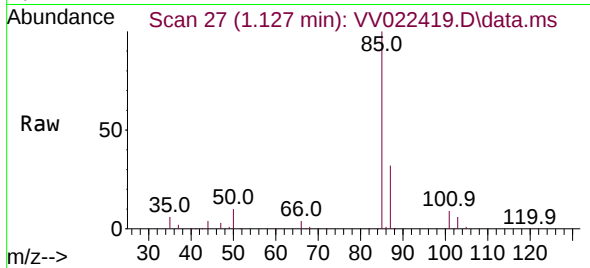




#2
 Dichlorodifluoromethane
 Concen: 54.308 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

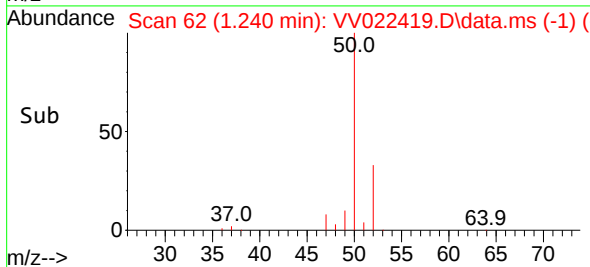
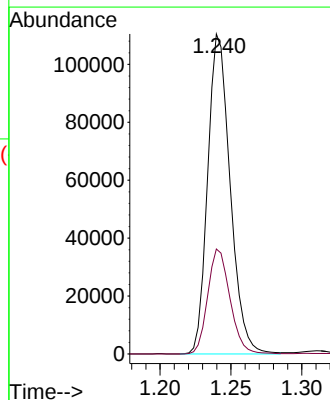
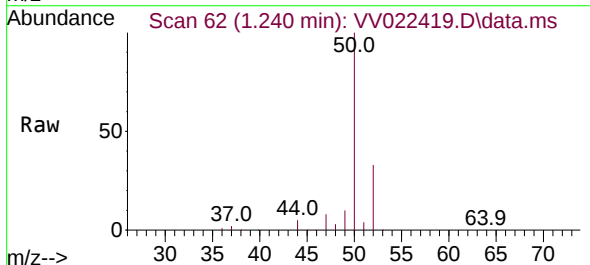
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

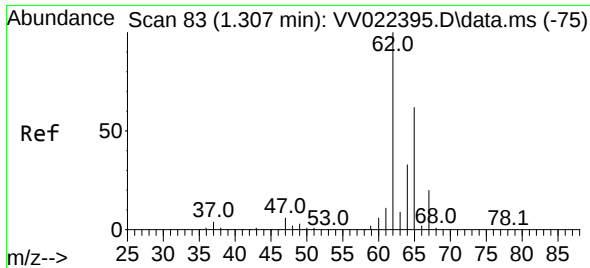
Tgt Ion: 85 Resp: 123090
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.2



#3
 Chloromethane
 Concen: 52.570 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

Tgt Ion: 50 Resp: 121854
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

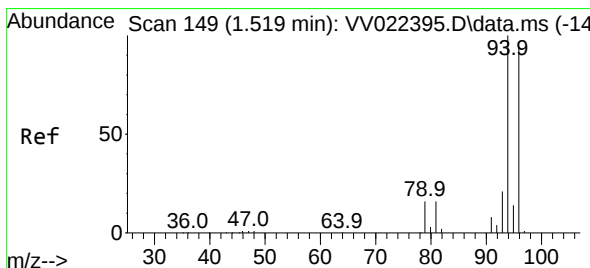
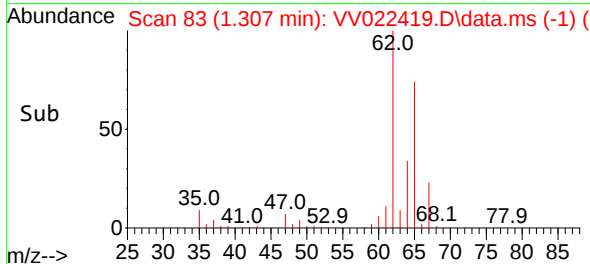
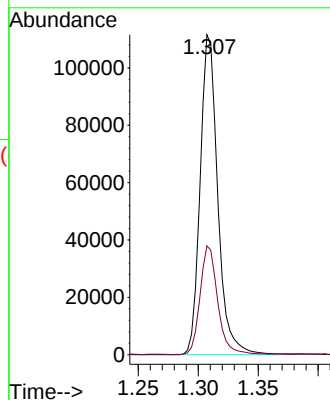
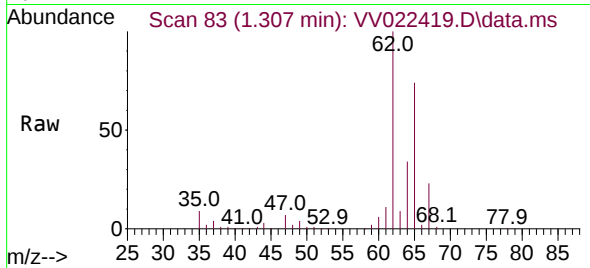




#5
 Vinyl chloride
 Concen: 52.781 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

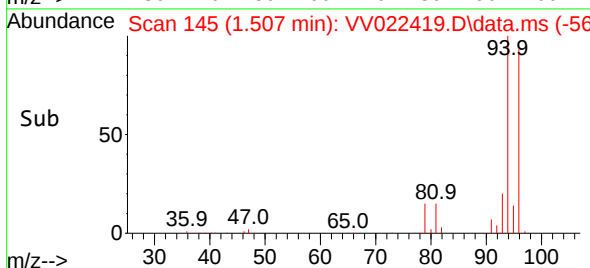
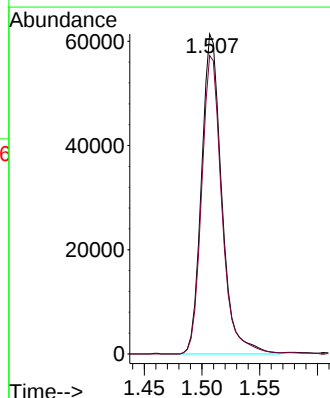
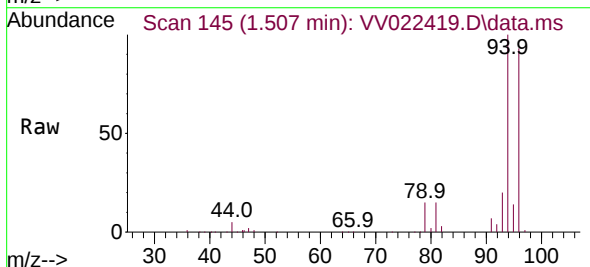
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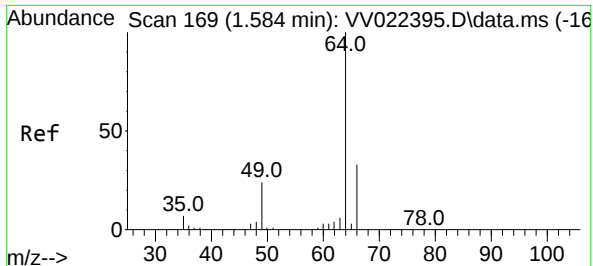
Tgt Ion: 62 Resp: 114178
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.4 43.6



#6
 Bromomethane
 Concen: 53.861 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.013 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

Tgt Ion: 94 Resp: 74791
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.1 122.8

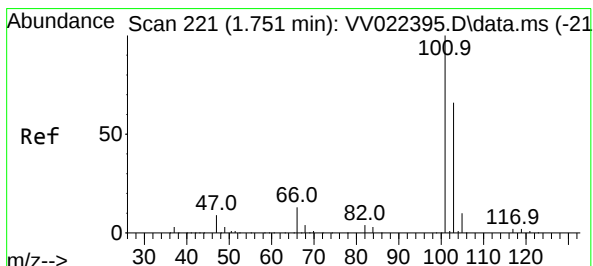
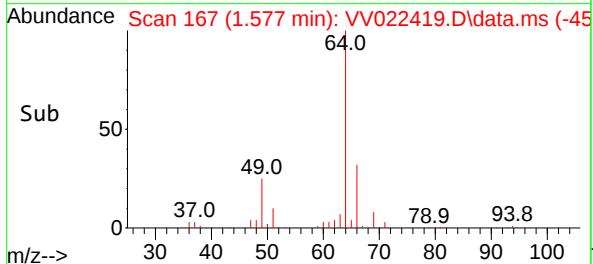
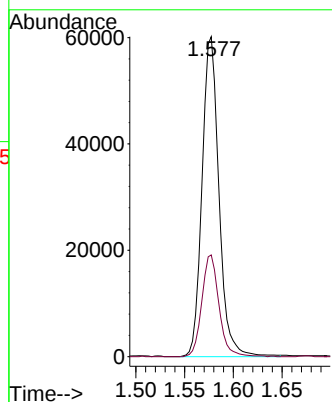
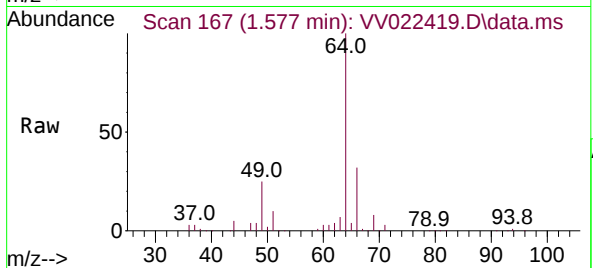




#8
Chloroethane
Concen: 55.235 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.006 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

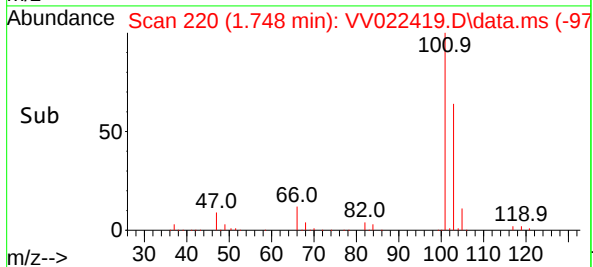
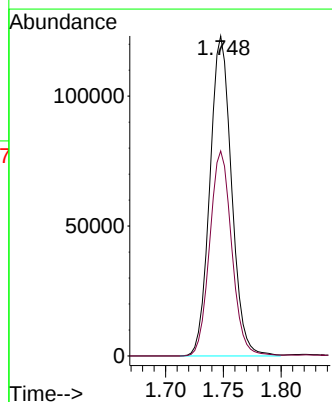
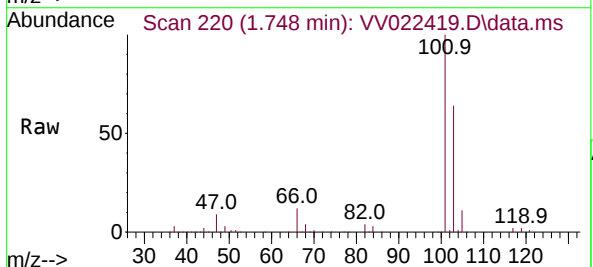
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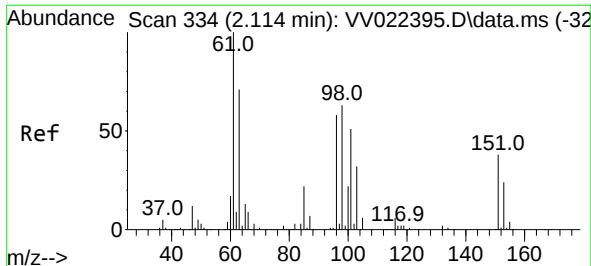
Tgt Ion: 64 Resp: 72856
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 54.835 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:101 Resp: 161051
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

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

Concen: 56.308 ug/L

RT: 2.111 min Scan# 333

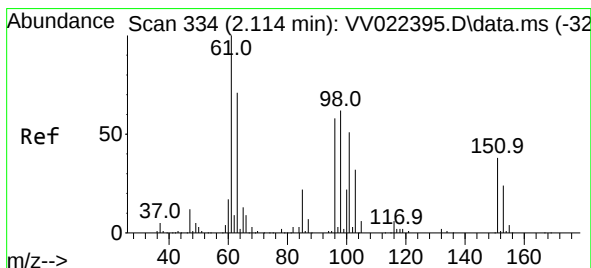
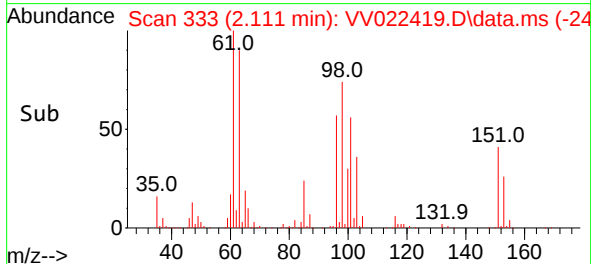
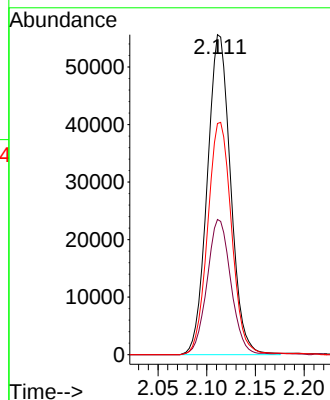
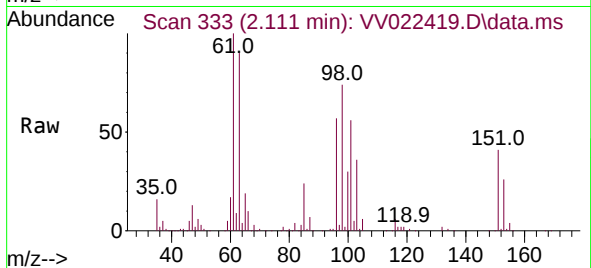
Delta R.T. -0.003 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion:	101	Resp:	92724
Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.5	53.3
151	74.2	59.6	89.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352



#12

1,1-Dichloroethene

Concen: 54.410 ug/L

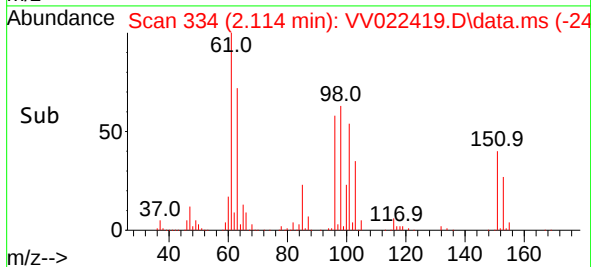
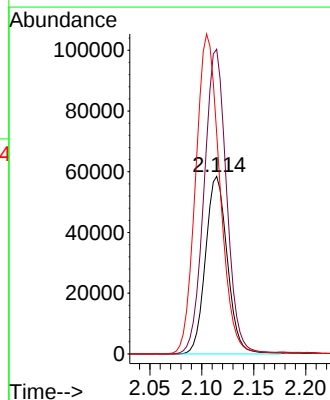
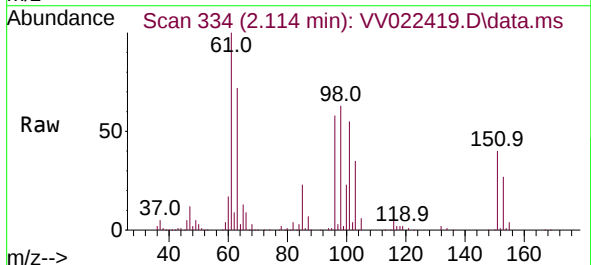
RT: 2.114 min Scan# 334

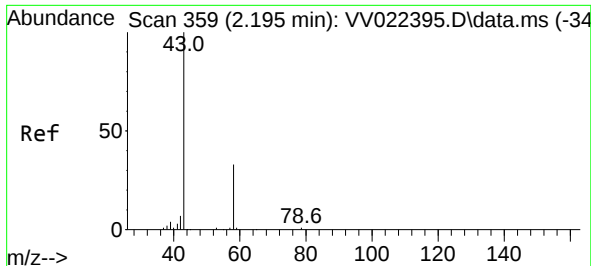
Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion:	96	Resp:	85115
Ion	Ratio	Lower	Upper
96	100		
61	171.7	124.4	231.0
63	124.4	106.0	196.8

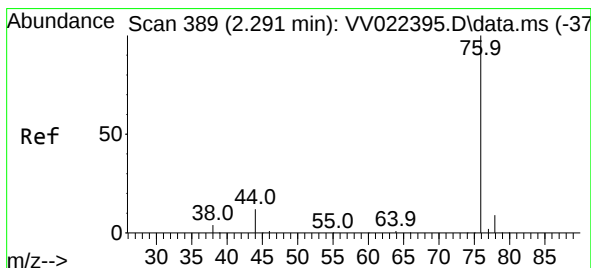
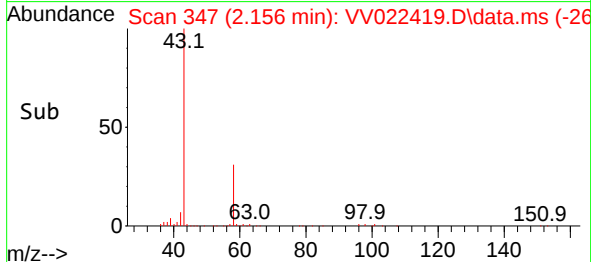
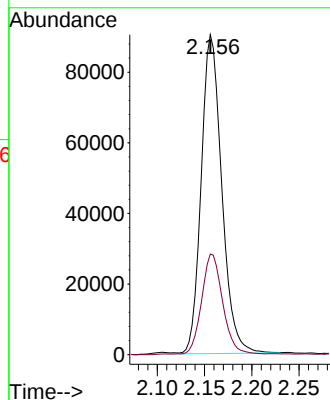
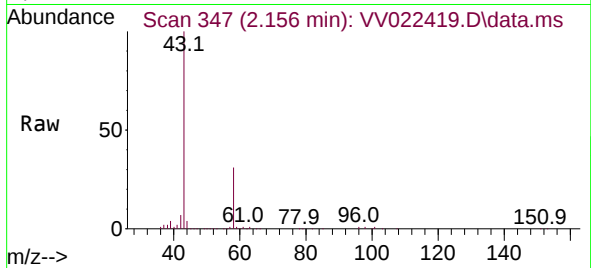




#13
Acetone
Concen: 122.320 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.039 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

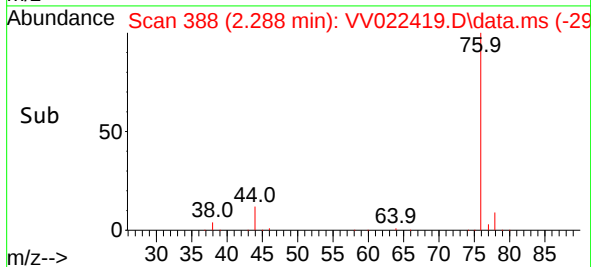
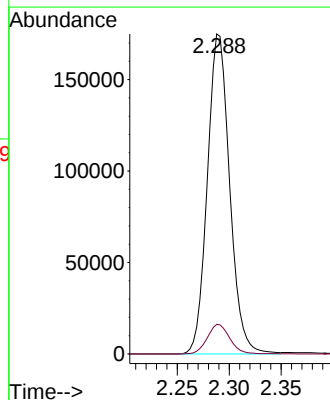
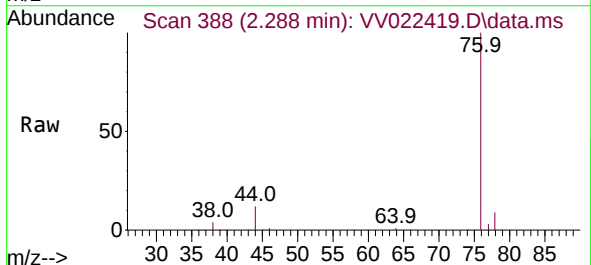
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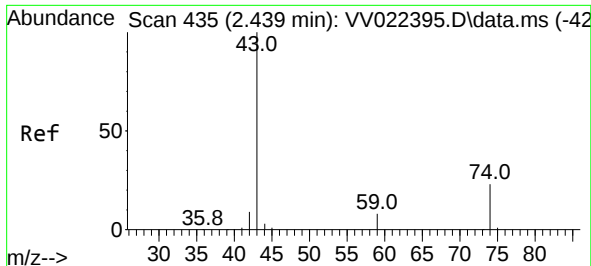
Tgt Ion: 43 Resp: 136750
Ion Ratio Lower Upper
43 100
58 32.2 0.0 67.2



#14
Carbon disulfide
Concen: 53.598 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 76 Resp: 261623
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

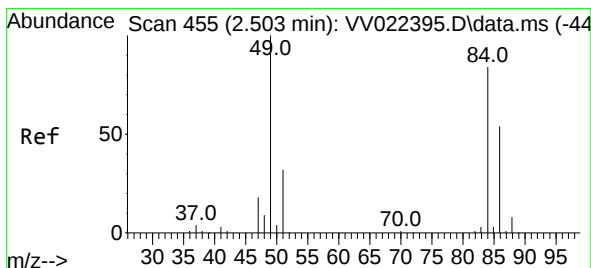
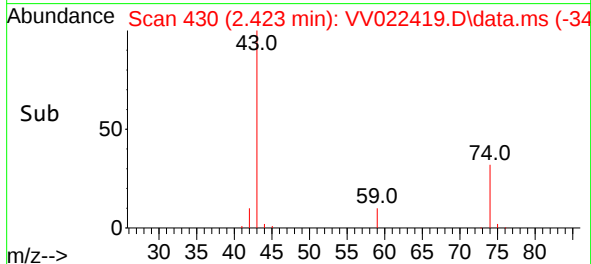
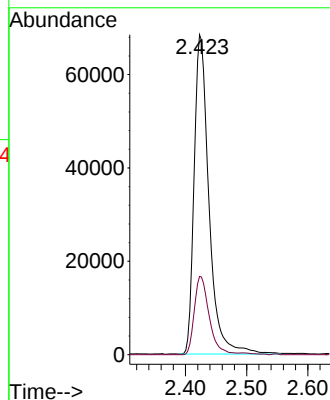
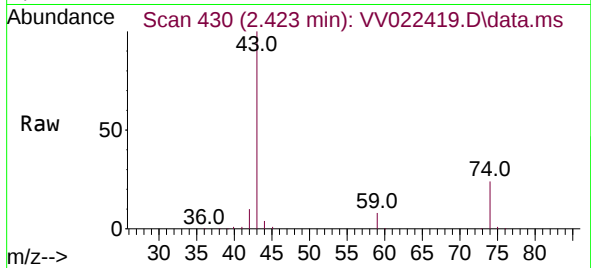




#15
Methyl Acetate
Concen: 55.313 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.016 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

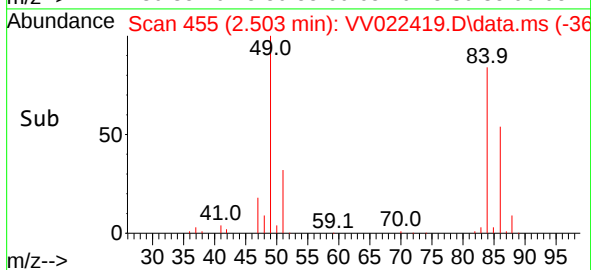
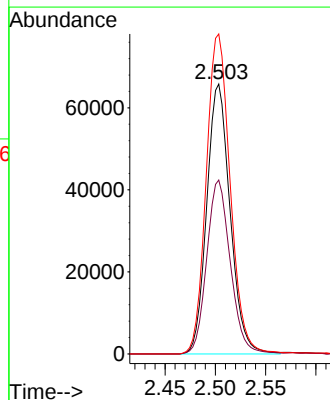
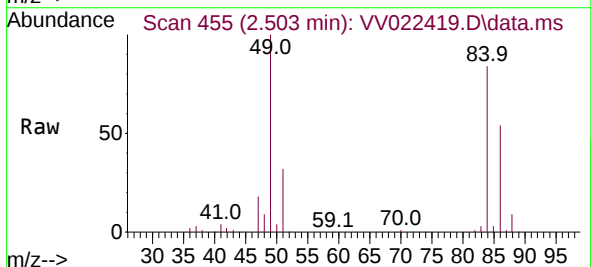
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

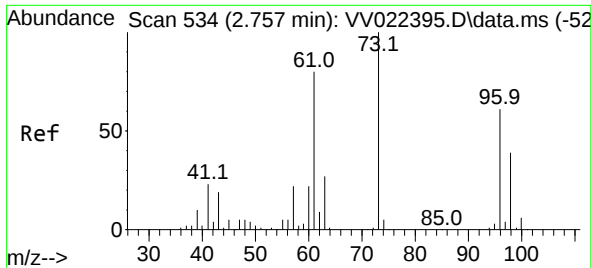
Tgt Ion: 43 Resp: 115259
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6



#16
Methylene chloride
Concen: 48.881 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 84 Resp: 106570
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 118.6 85.3 158.3

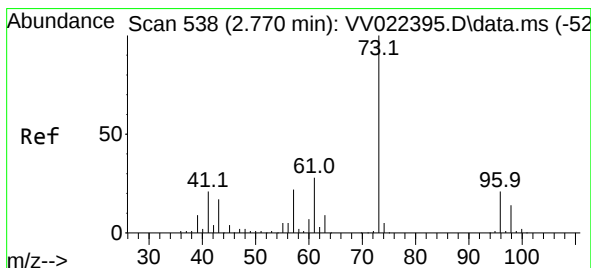
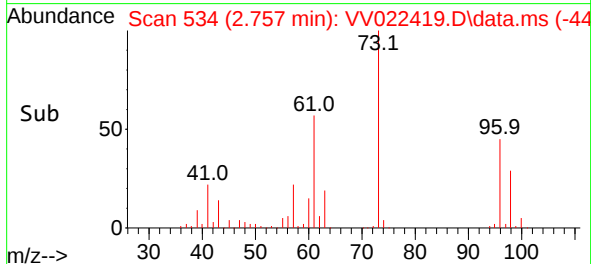
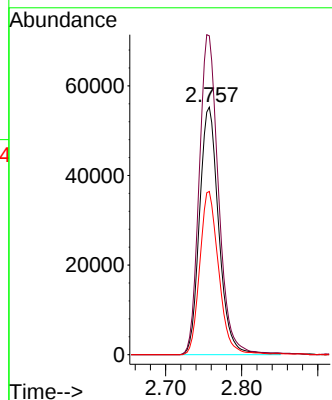
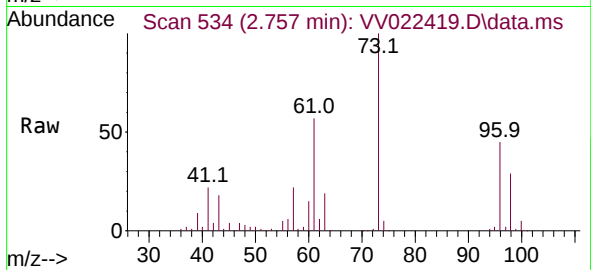




#17
trans-1,2-Dichloroethene
Concen: 53.862 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

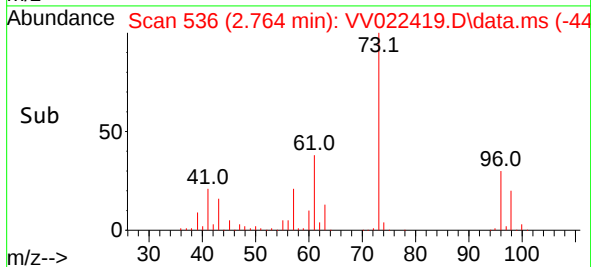
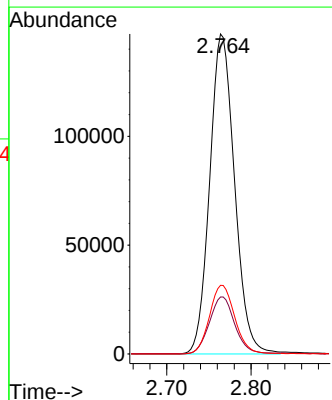
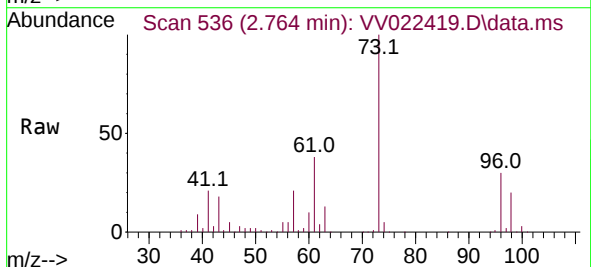
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

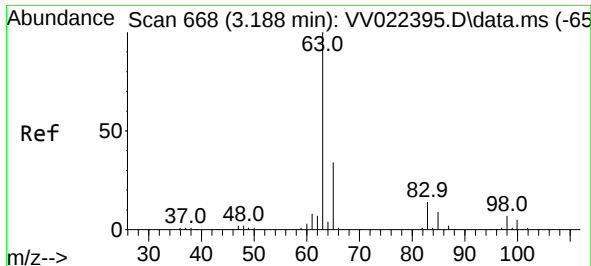
Tgt Ion: 96 Resp: 97173
Ion Ratio Lower Upper
96 100
61 128.8 92.7 172.1
98 65.9 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 56.147 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 73 Resp: 301222
Ion Ratio Lower Upper
73 100
43 18.1 14.6 21.8
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 53.982 ug/L

RT: 3.188 min Scan# 668

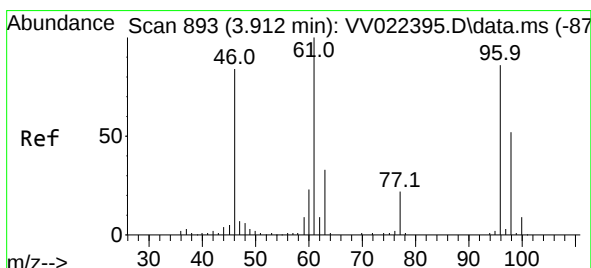
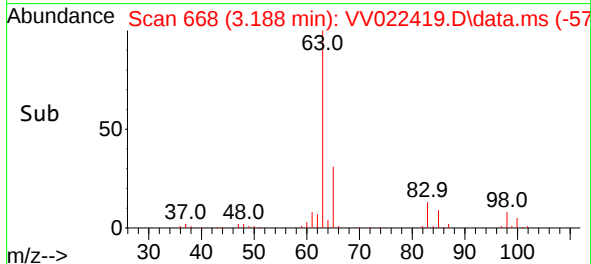
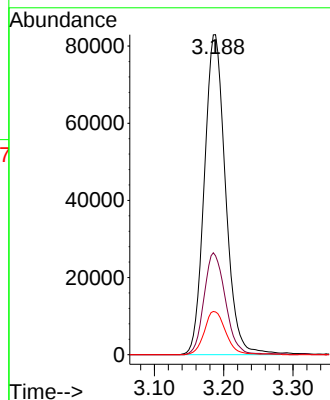
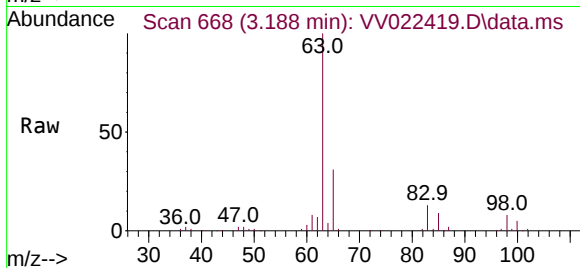
Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion: 63 Resp: 175789

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.3	41.3
83	13.4	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 53.839 ug/L

RT: 3.908 min Scan# 892

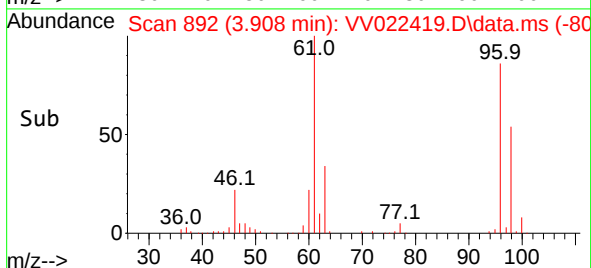
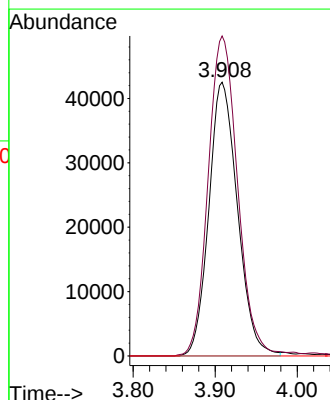
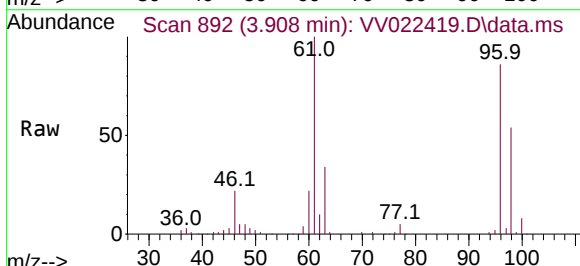
Delta R.T. -0.003 min

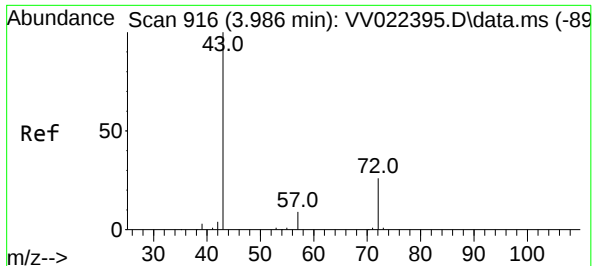
Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion: 96 Resp: 103449

Ion	Ratio	Lower	Upper
96	100		
61	116.9	84.6	157.0
68	0.0	0.0	0.0

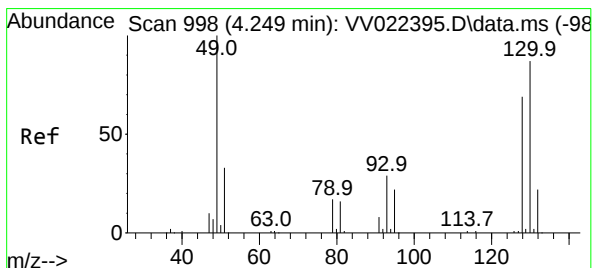
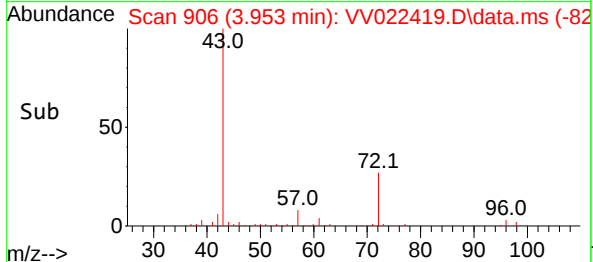
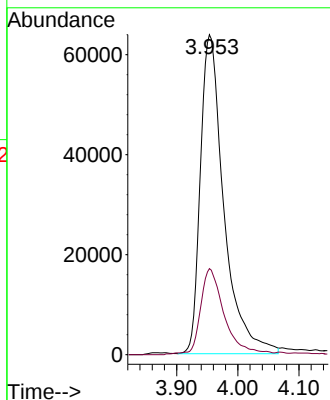
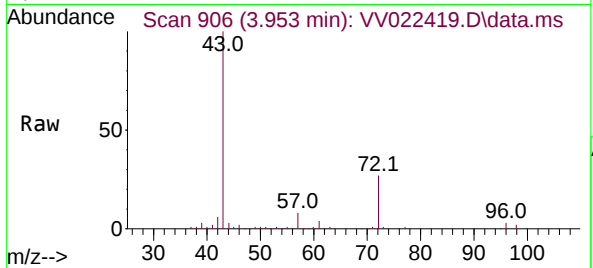




#22
2-Butanone
Concen: 115.686 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.032 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

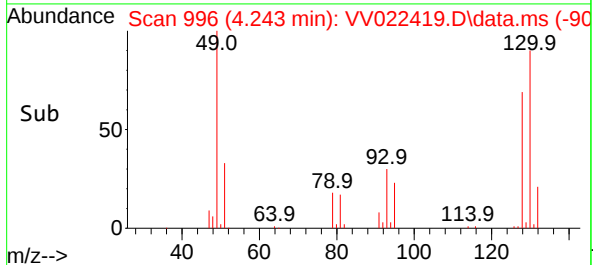
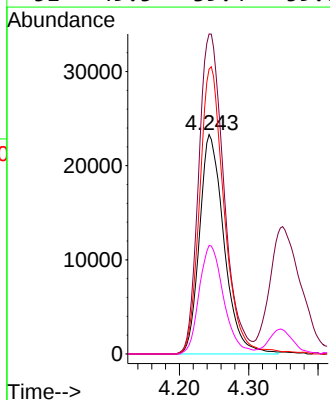
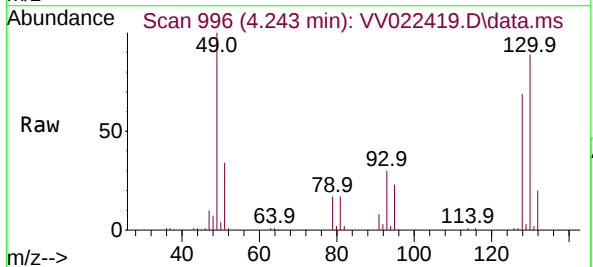
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

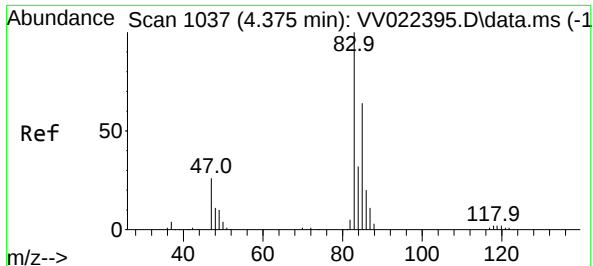
Tgt Ion: 43 Resp: 170136
Ion Ratio Lower Upper
43 100
72 25.4 13.8 41.4



#23
Bromochloromethane
Concen: 54.789 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:128 Resp: 57073
Ion Ratio Lower Upper
128 100
49 145.9 109.1 202.7
130 129.8 89.3 165.9
51 49.5 39.4 59.0



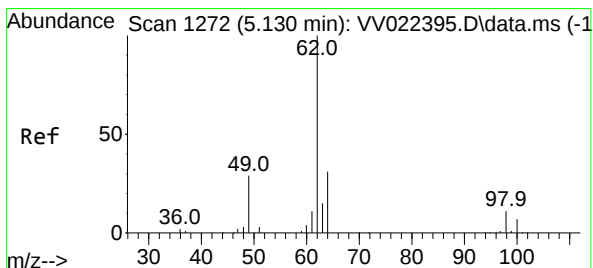
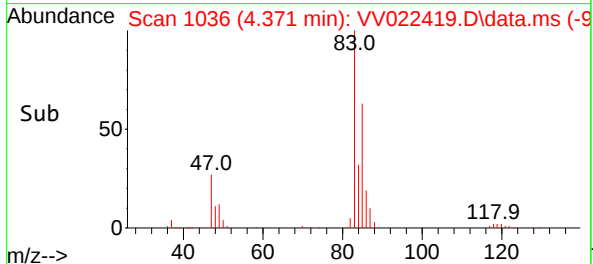
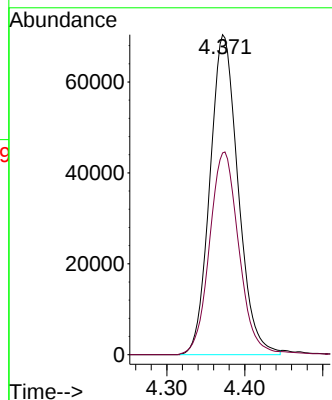
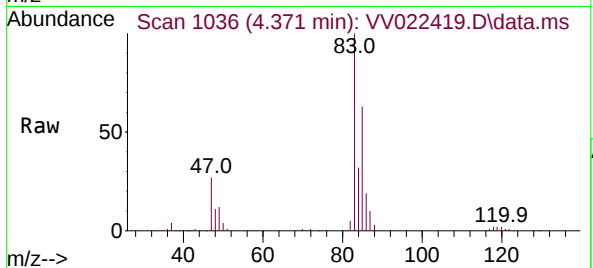


#25

Chloroform
Concen: 52.817 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

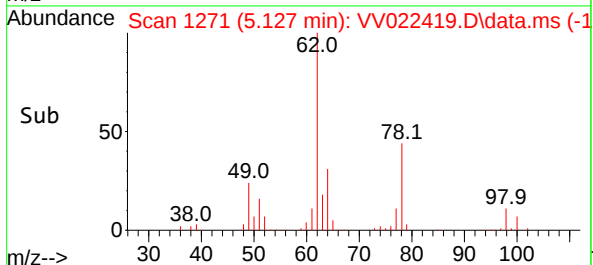
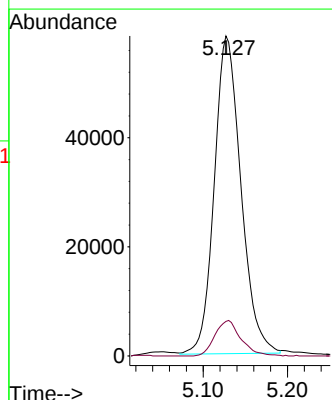
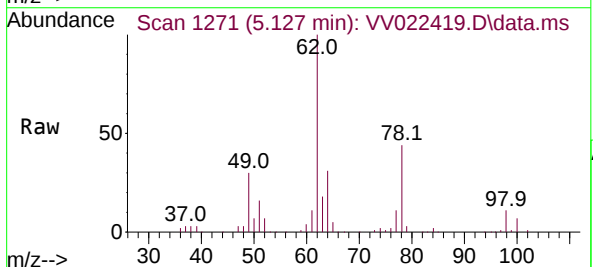
Tgt Ion: 83 Resp: 177178
Ion Ratio Lower Upper
83 100
85 63.0 46.5 86.3

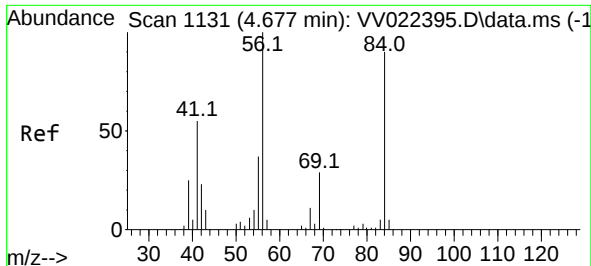


#27

1,2-Dichloroethane
Concen: 53.639 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 62 Resp: 127951
Ion Ratio Lower Upper
62 100
98 10.8 8.9 13.3





#29

Cyclohexane

Concen: 55.523 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD050352

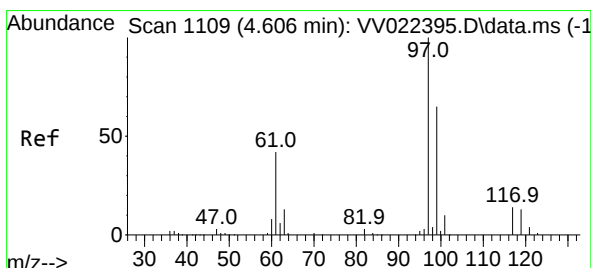
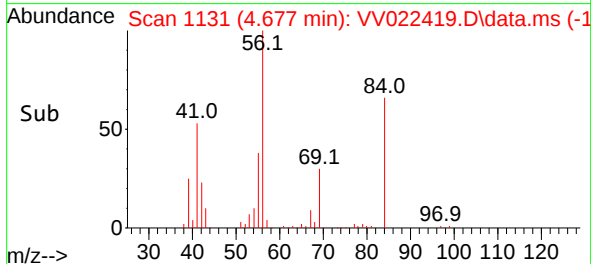
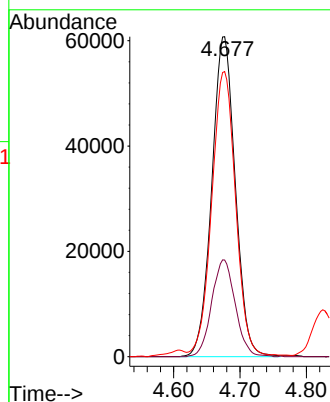
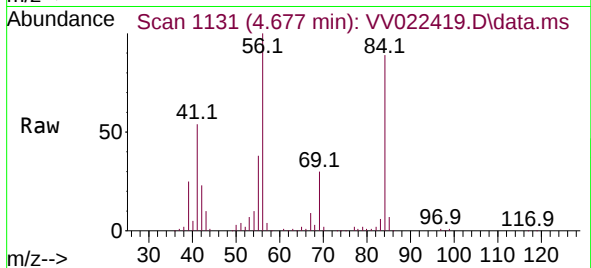
Tgt Ion: 56 Resp: 149396

Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 89.7 71.8 107.8



#30

1,1,1-Trichloroethane

Concen: 55.687 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

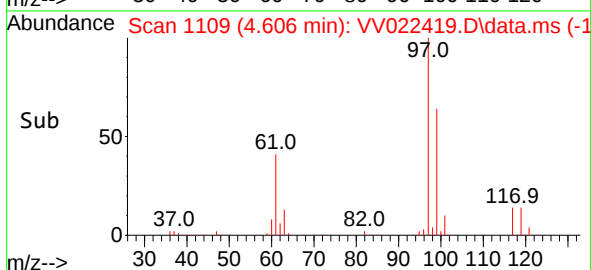
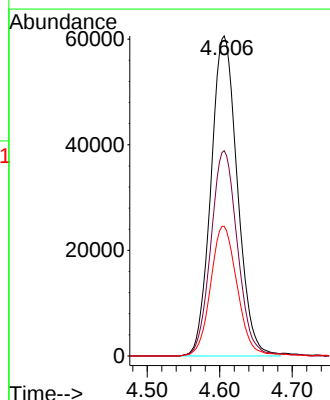
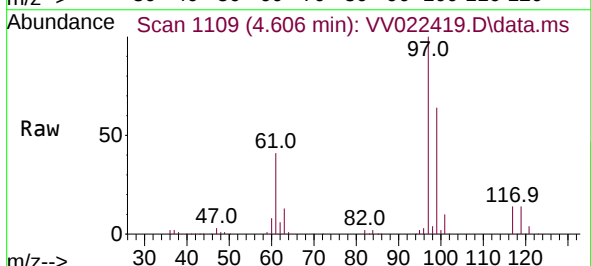
Tgt Ion: 97 Resp: 153480

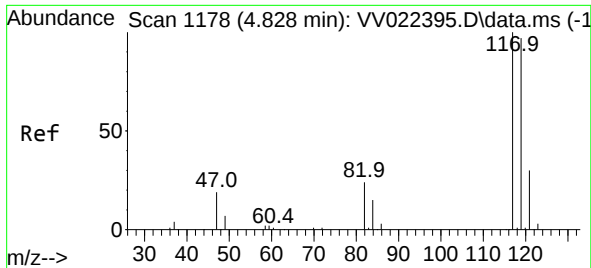
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 41.1 33.7 50.5

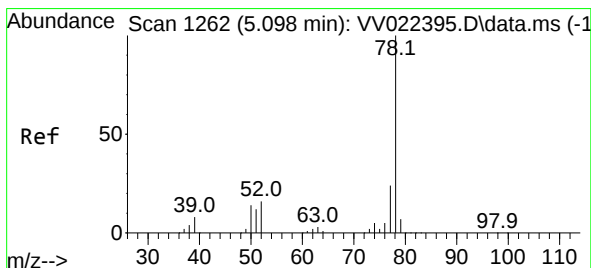
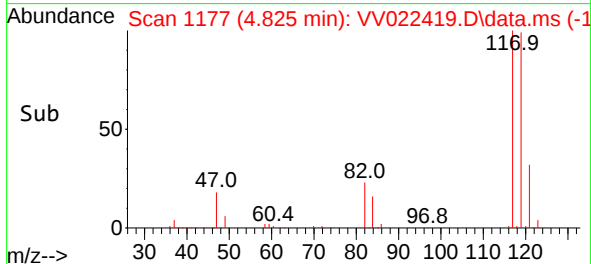
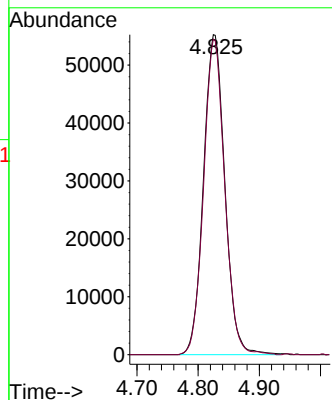
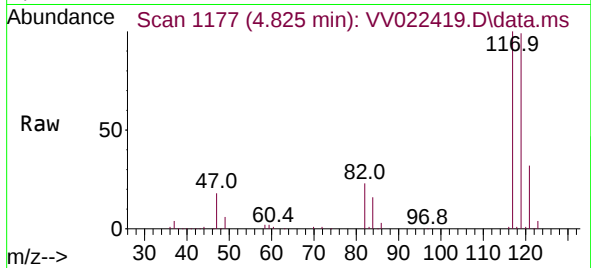




#31
Carbon tetrachloride
Concen: 55.297 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

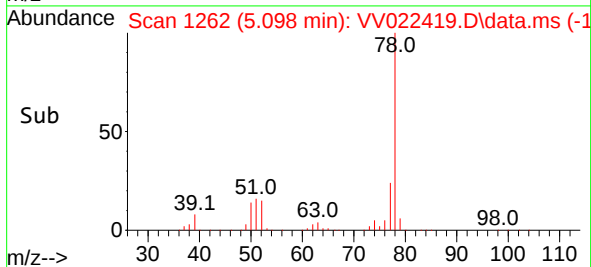
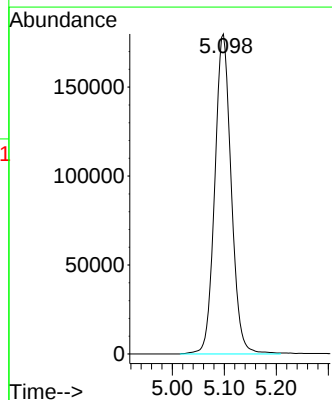
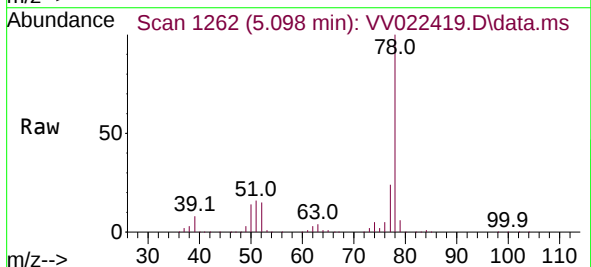
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

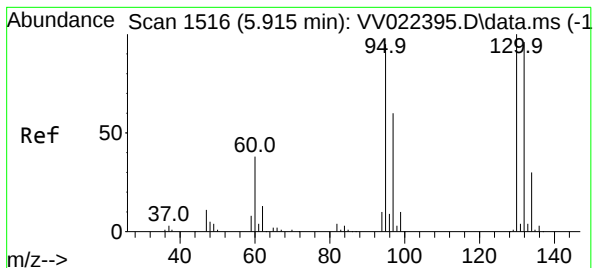
Tgt Ion:117 Resp: 134224
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 56.497 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 78 Resp: 395912





#34

Trichloroethene

Concen: 54.426 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion: 95 Resp: 98083

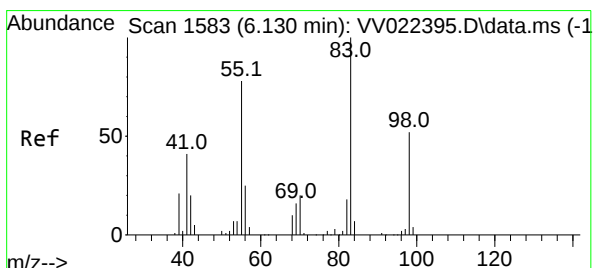
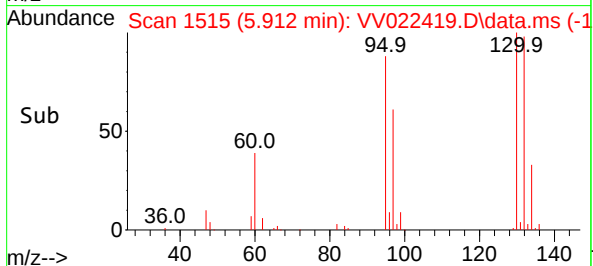
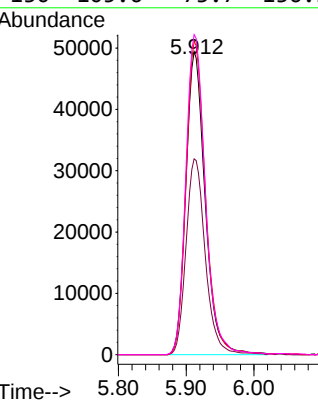
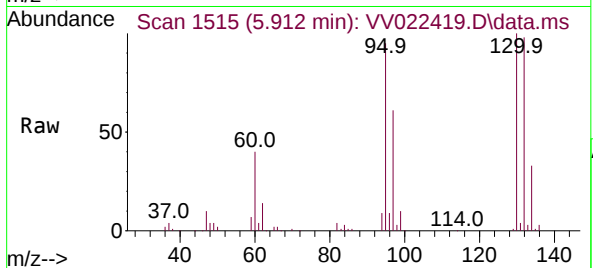
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 103.4 71.0 131.8

130 105.6 73.7 136.9



#35

Methylcyclohexane

Concen: 58.078 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

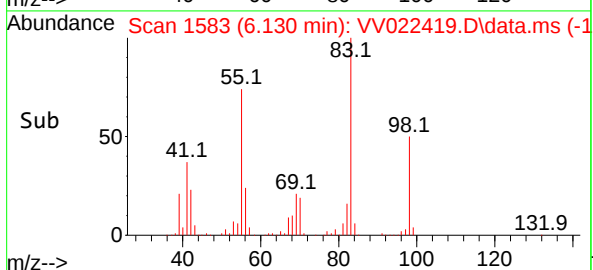
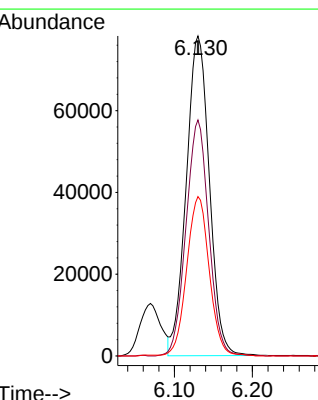
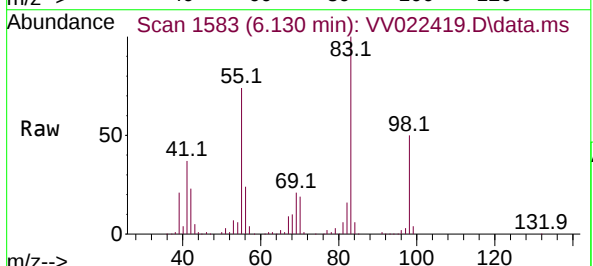
Tgt Ion: 83 Resp: 161238

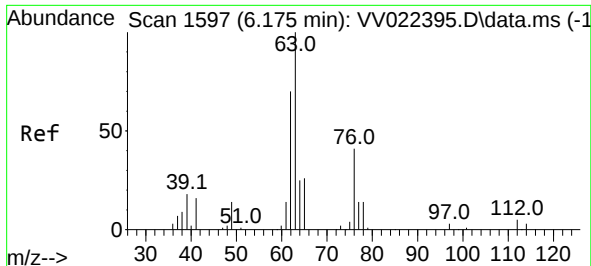
Ion Ratio Lower Upper

83 100

55 72.6 58.6 87.8

98 48.1 39.2 58.8



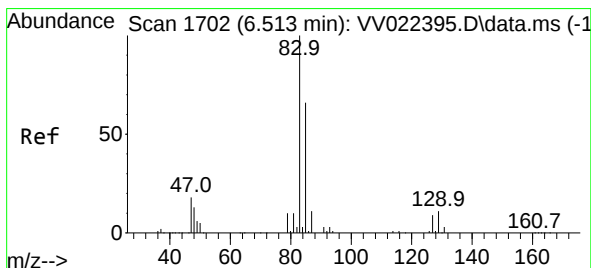
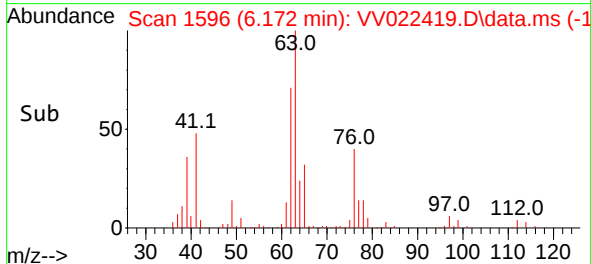
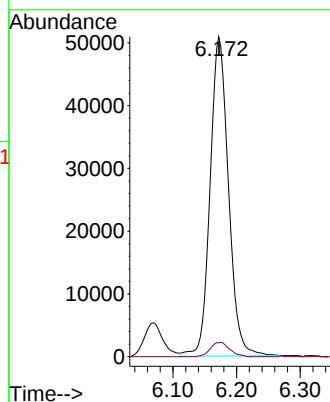
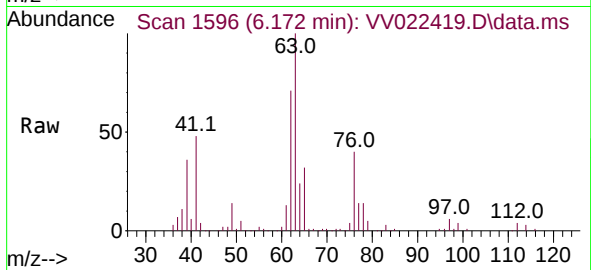


#37

1,2-Dichloropropane
Concen: 56.852 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

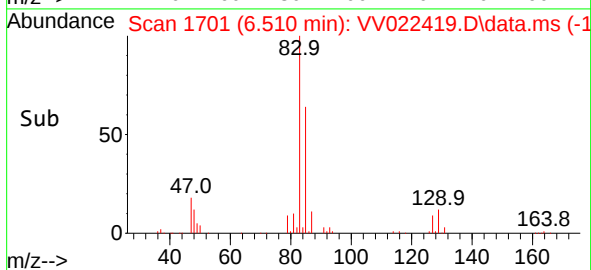
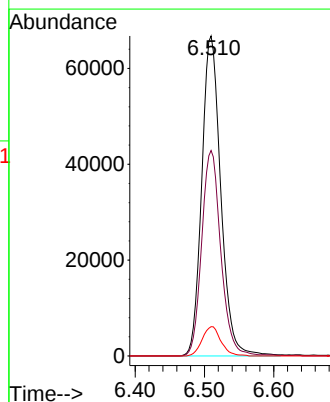
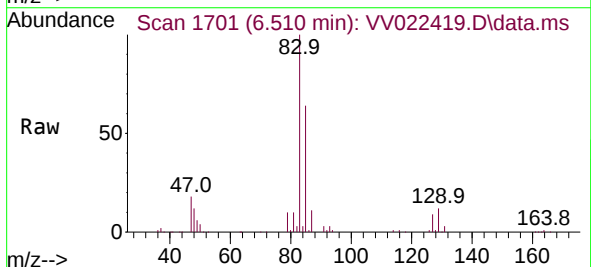
Tgt Ion: 63 Resp: 102246
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9

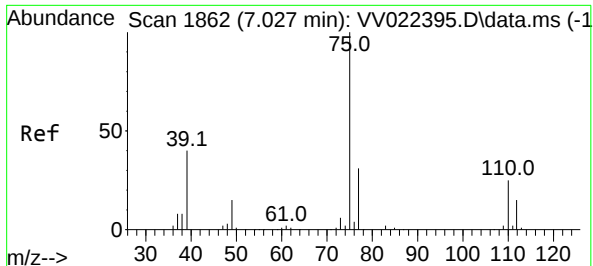


#38

Bromodichloromethane
Concen: 55.484 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 83 Resp: 127585
Ion Ratio Lower Upper
83 100
85 64.2 43.2 80.2
127 9.1 6.6 10.0

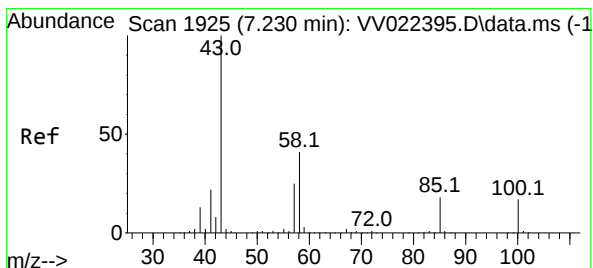
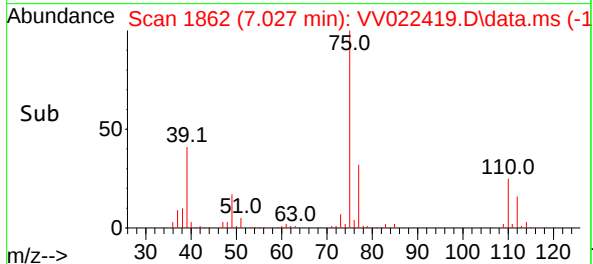
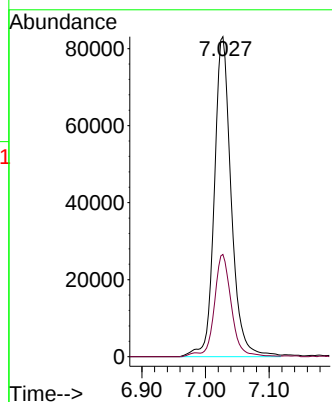
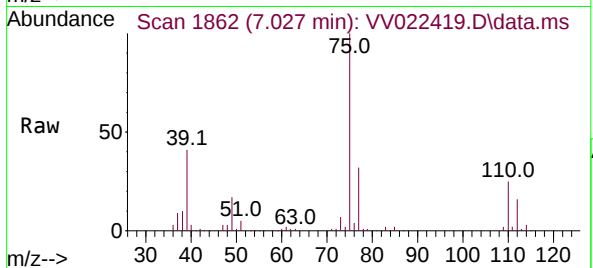




#39
 cis-1,3-Dichloropropene
 Concen: 57.995 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

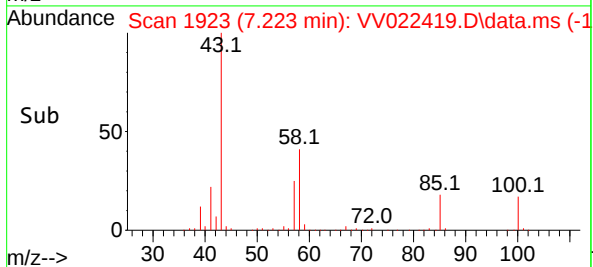
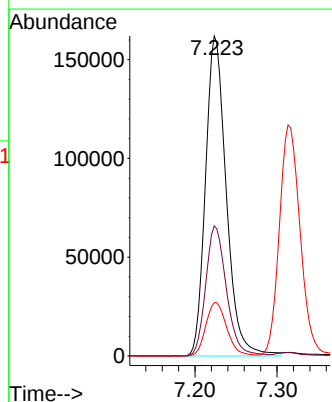
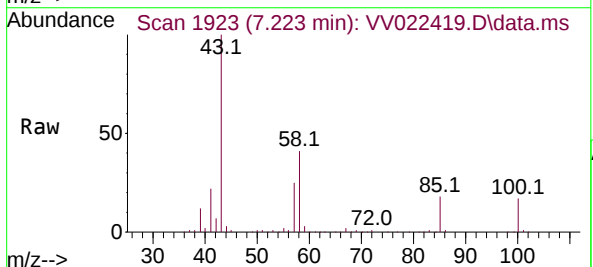
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

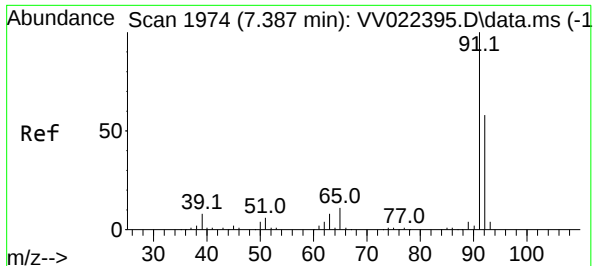
Tgt Ion: 75 Resp: 153517
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 112.626 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VV022419.D
 Acq: 30 Sep 2021 10:02

Tgt Ion: 43 Resp: 285016
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.6 47.4
 100 16.8 13.1 19.7

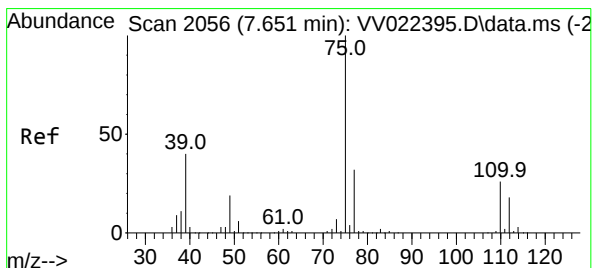
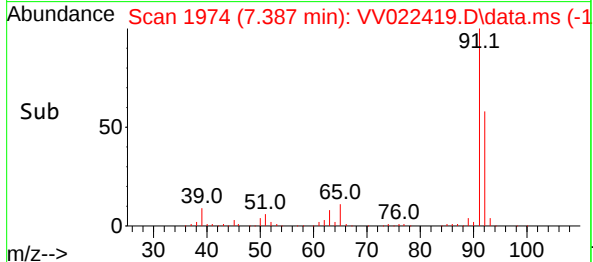
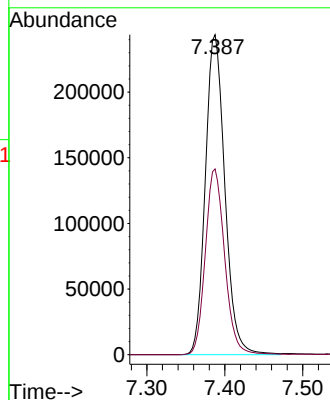
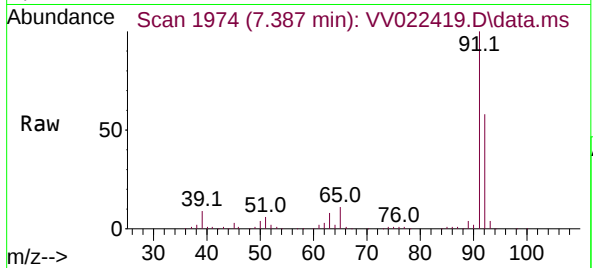




#42
Toluene
Concen: 56.689 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

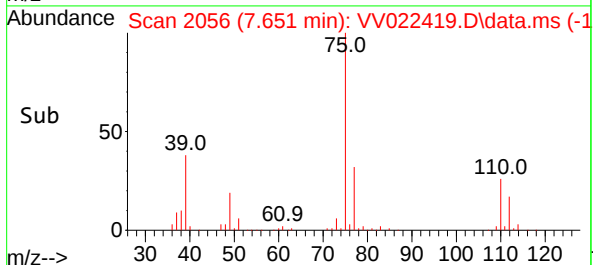
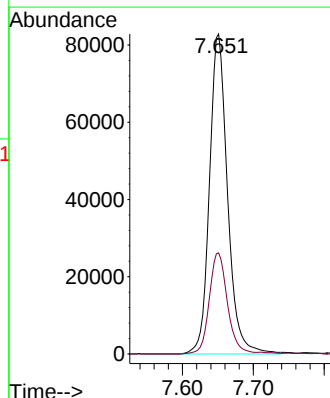
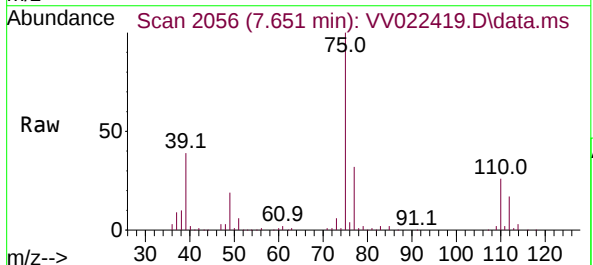
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

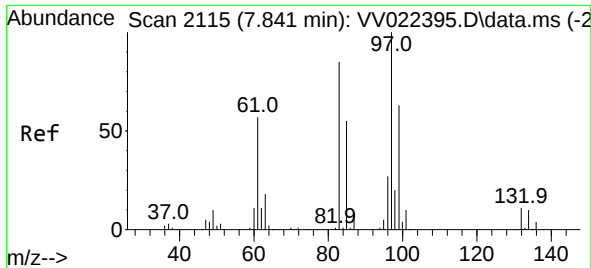
Tgt Ion: 91 Resp: 424036
Ion Ratio Lower Upper
91 100
92 58.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 57.977 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 75 Resp: 146532
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3



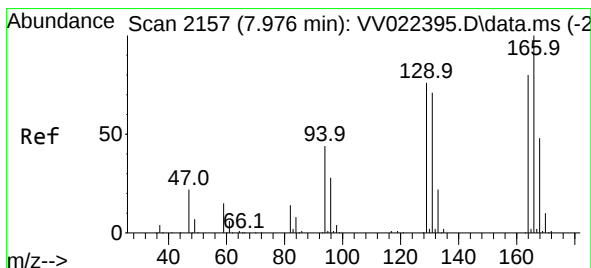
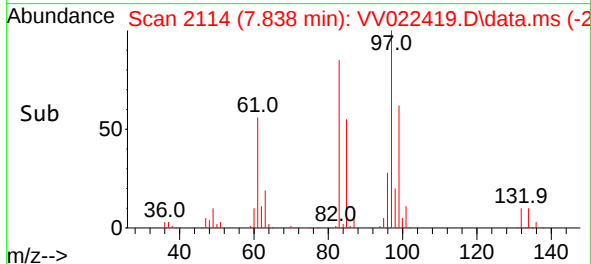
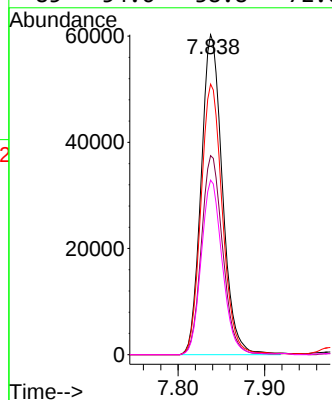
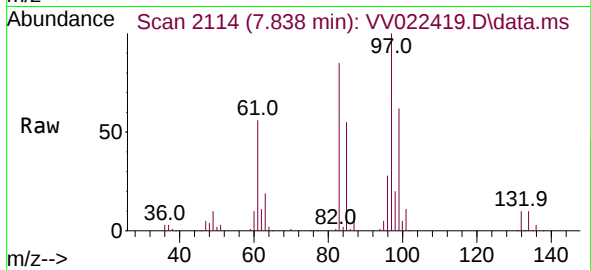


#45

1,1,2-Trichloroethane
Concen: 56.455 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

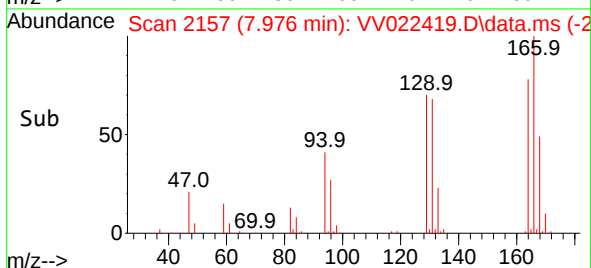
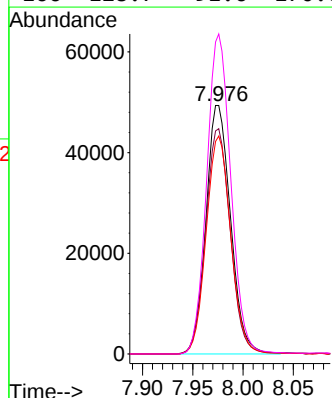
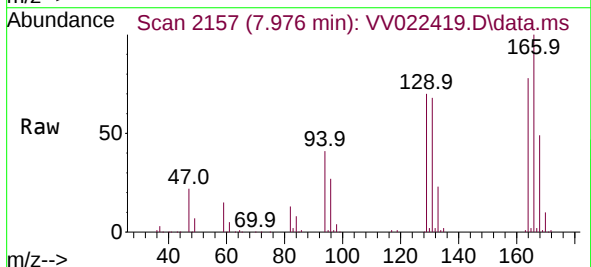
Tgt Ion:	97	Resp:	103332
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.6	82.8
83	84.6	59.8	111.1
85	54.6	38.8	72.0

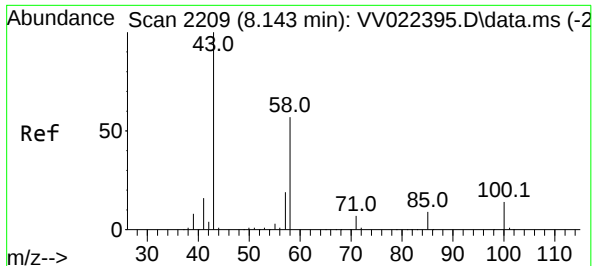


#46

Tetrachloroethene
Concen: 56.738 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:	164	Resp:	84190
Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.4	123.4
131	87.7	63.6	118.0
166	128.7	91.6	170.0



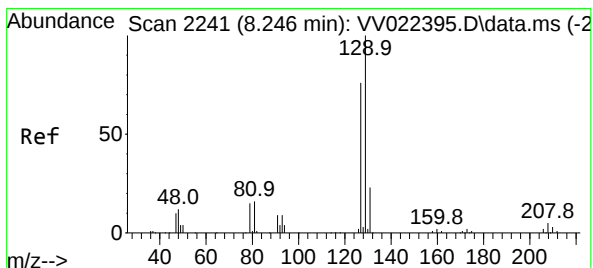
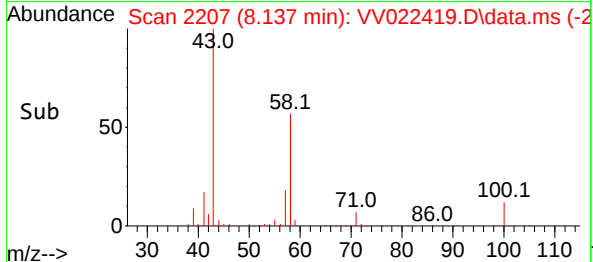
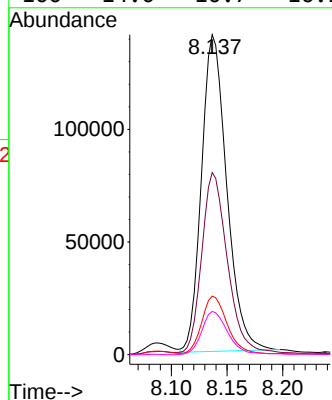
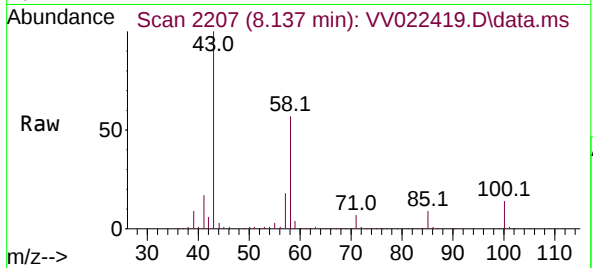


#48
2-Hexanone
Concen: 115.515 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Tgt Ion: 43 Resp: 222004

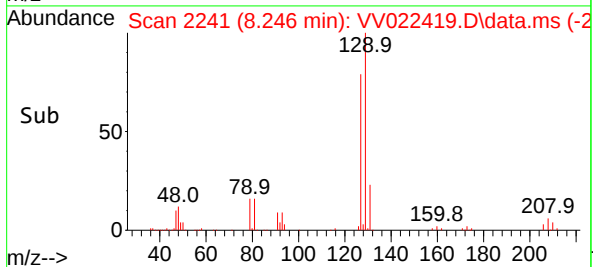
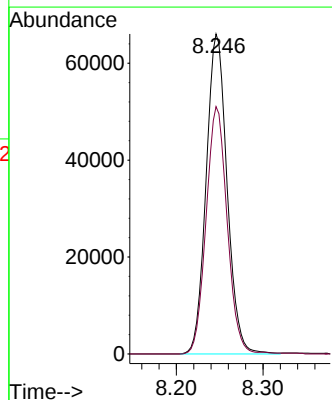
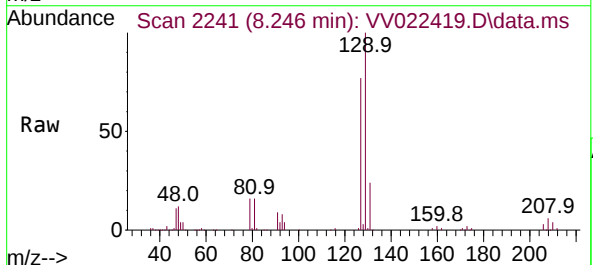
Ion	Ratio	Lower	Upper
43	100		
58	59.2	45.4	68.2
57	18.3	15.0	22.4
100	14.0	10.7	16.1

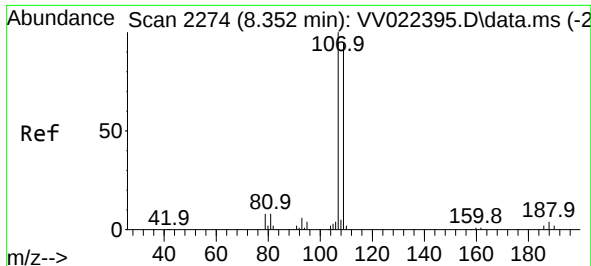


#49
Dibromochloromethane
Concen: 57.267 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 129 Resp: 110915

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.7	101.7





#50

1,2-Dibromoethane

Concen: 56.247 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Instrument :

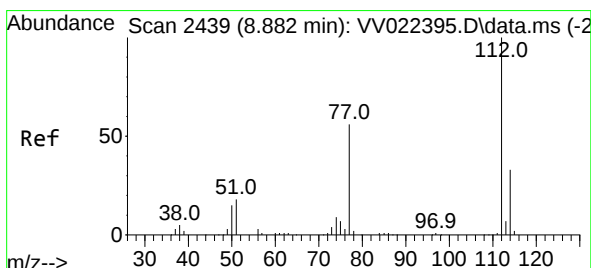
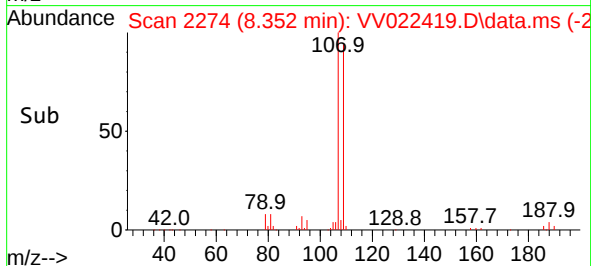
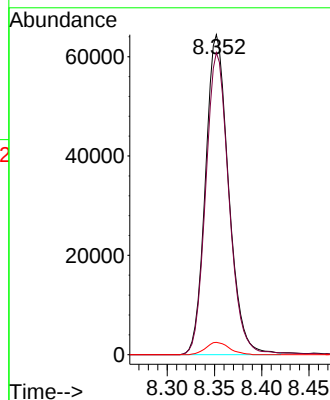
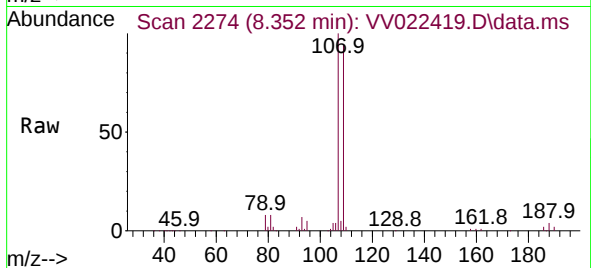
MSVOA_V

ClientSampleId :

VSTD050352

Tgt Ion:107 Resp: 110045

Ion	Ratio	Lower	Upper
107	100		
109	94.4	64.7	120.1
188	3.8	2.9	4.3



#51

Chlorobenzene

Concen: 54.895 ug/L

RT: 8.882 min Scan# 2439

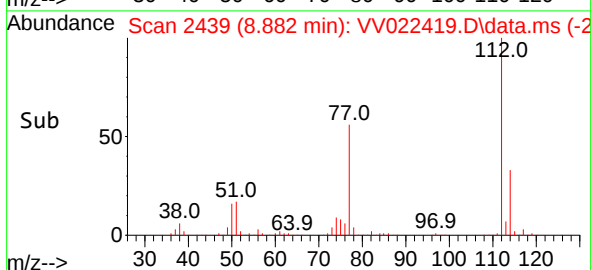
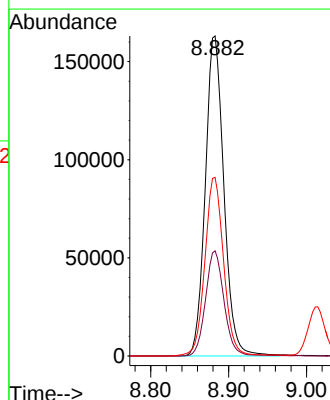
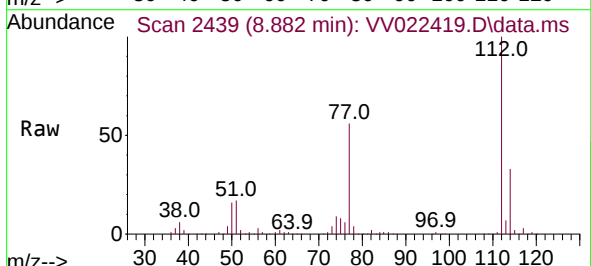
Delta R.T. 0.000 min

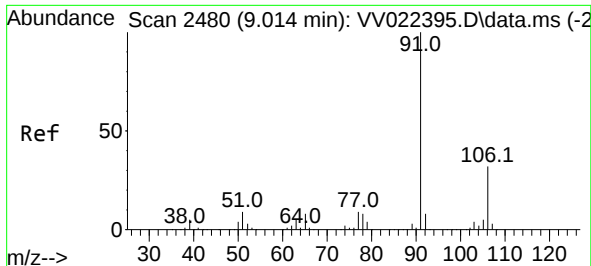
Lab File: VV022419.D

Acq: 30 Sep 2021 10:02

Tgt Ion:112 Resp: 270141

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.1
77	55.8	43.9	65.9





#52

Ethylbenzene

Concen: 56.659 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022419.D

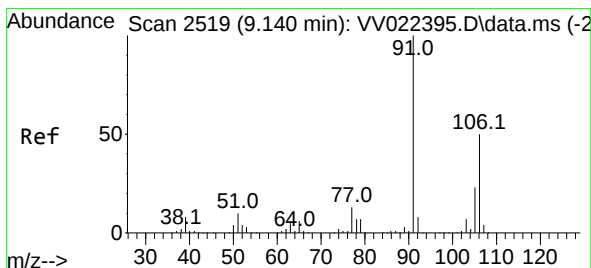
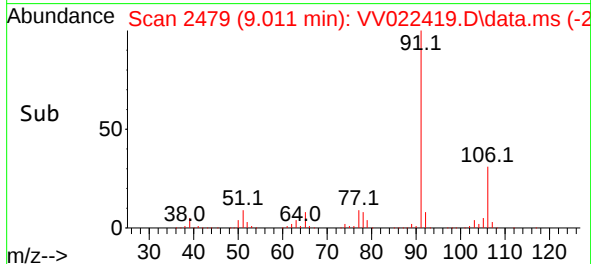
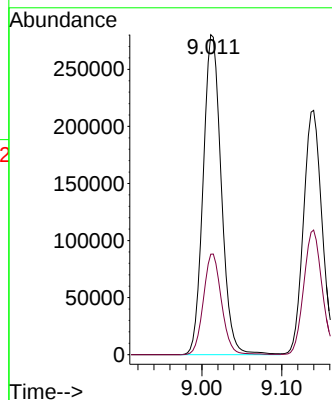
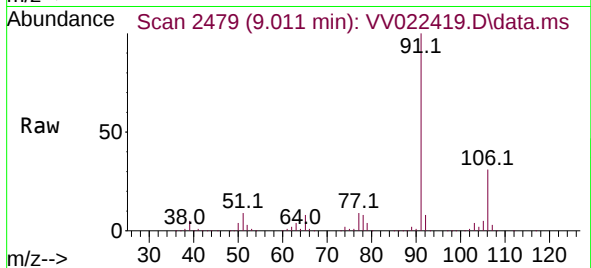
Acq: 30 Sep 2021 10:02

Tgt Ion: 91 Resp: 443912

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 57.626 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022419.D

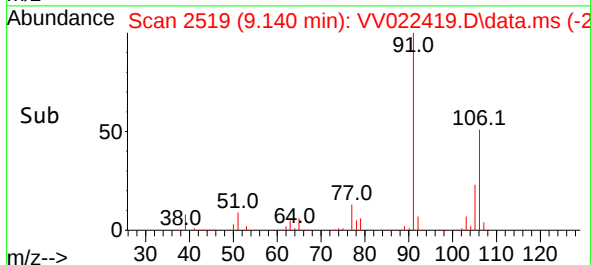
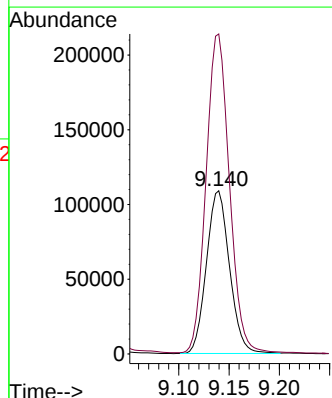
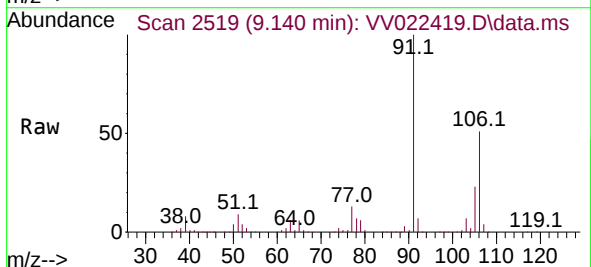
Acq: 30 Sep 2021 10:02

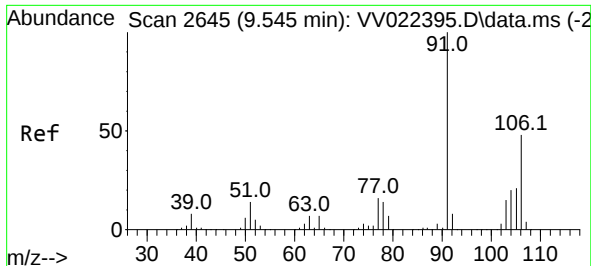
Tgt Ion: 106 Resp: 173872

Ion Ratio Lower Upper

106 100

91 196.0 139.2 258.6

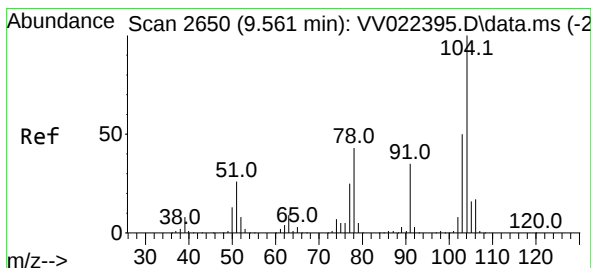
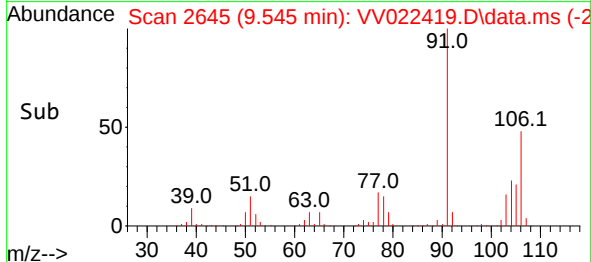
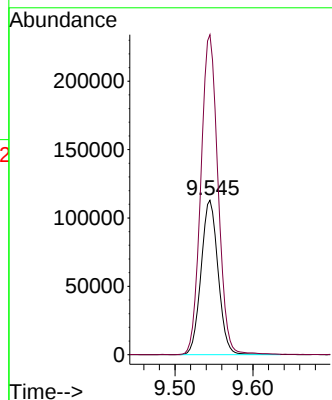
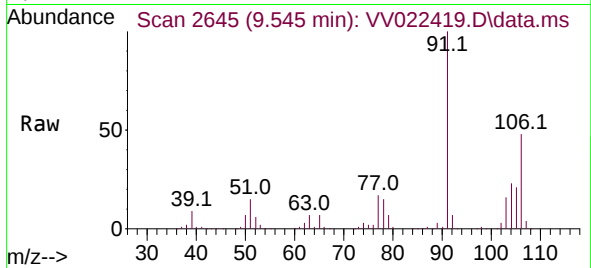




#54
o-Xylene
Concen: 58.452 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

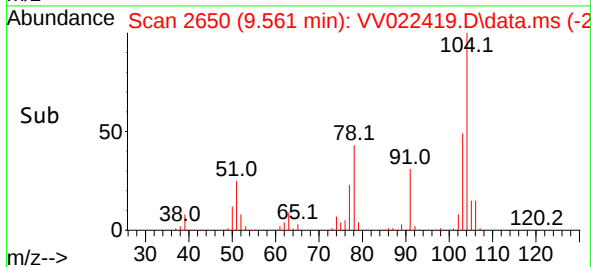
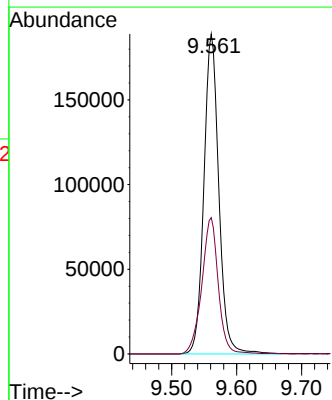
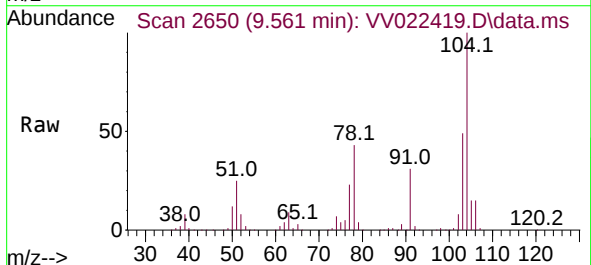
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

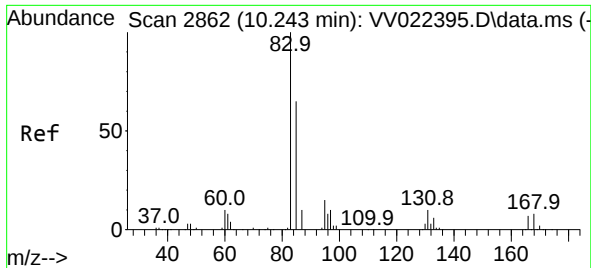
Tgt Ion:106 Resp: 171367
Ion Ratio Lower Upper
106 100
91 207.1 144.9 269.1



#55
Styrene
Concen: 59.407 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:104 Resp: 302808
Ion Ratio Lower Upper
104 100
78 42.6 28.6 53.2

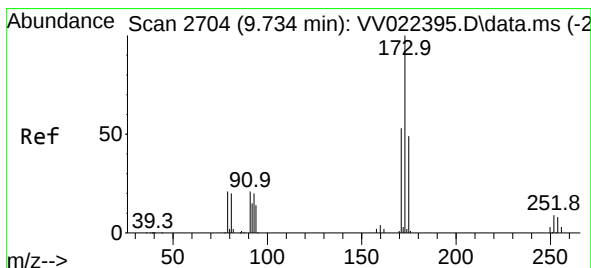
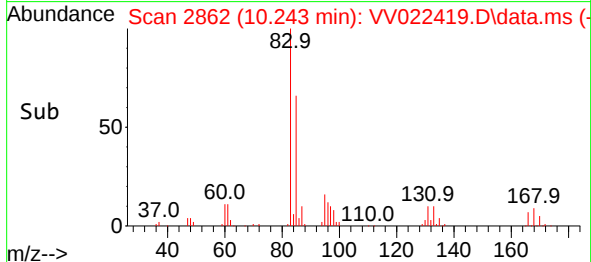
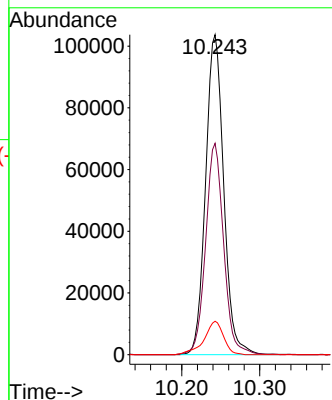
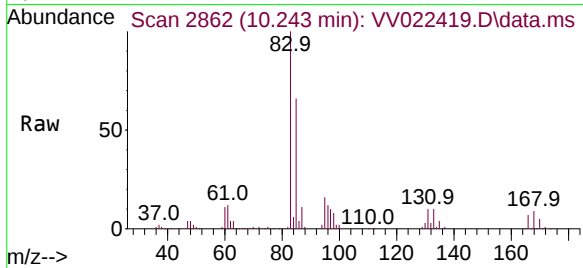




#57
1,1,2,2-Tetrachloroethane
Concen: 55.217 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

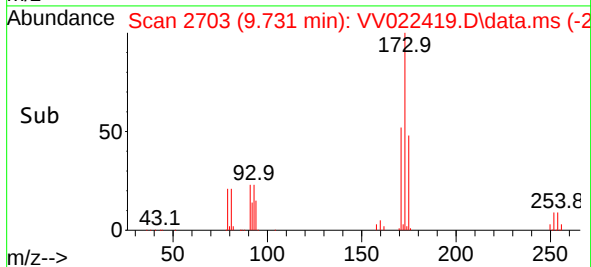
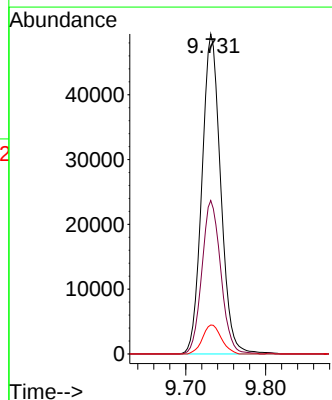
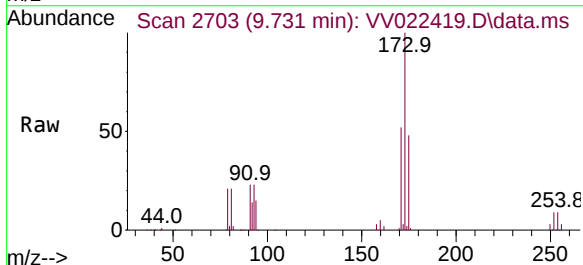
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

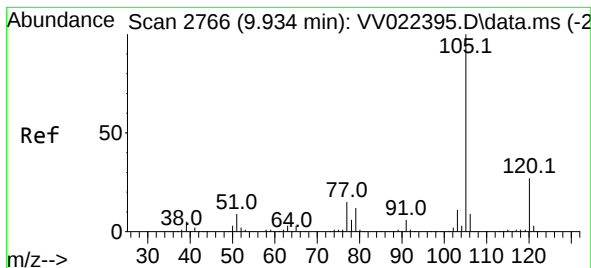
Tgt Ion: 83 Resp: 167290
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8
131 10.5 7.8 11.8



#59
Bromoform
Concen: 55.236 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 173 Resp: 80723
Ion Ratio Lower Upper
173 100
175 48.3 40.1 60.1
254 9.1 6.9 10.3

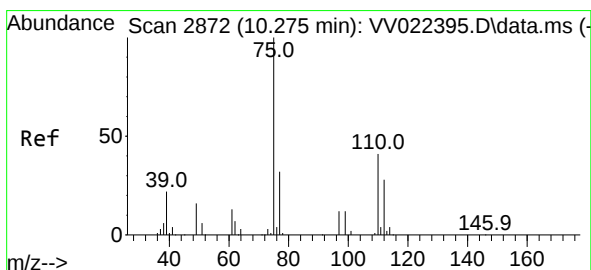
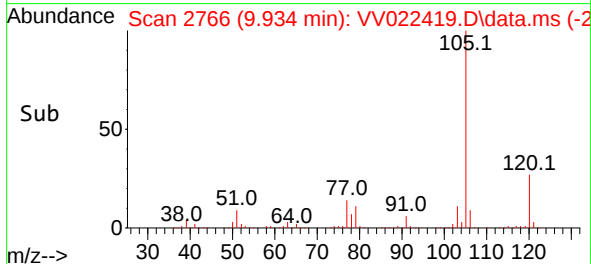
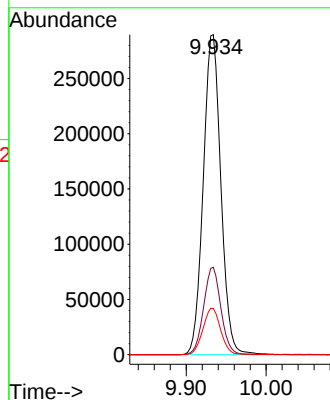
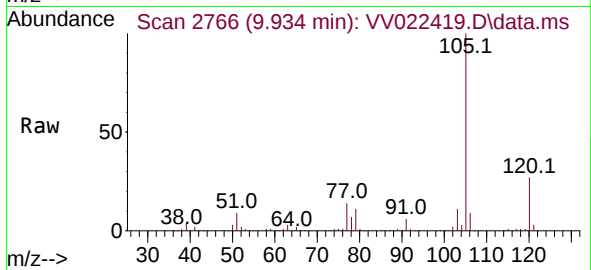




#60
Isopropylbenzene
Concen: 55.371 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

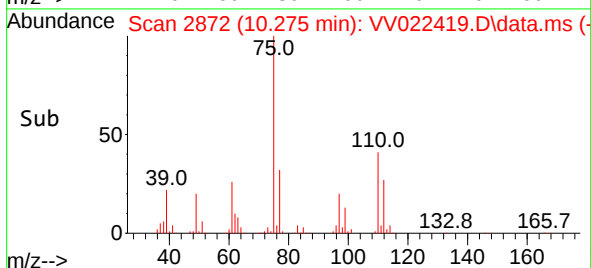
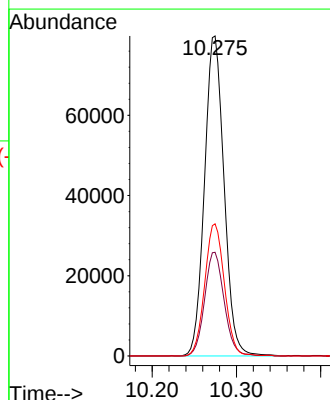
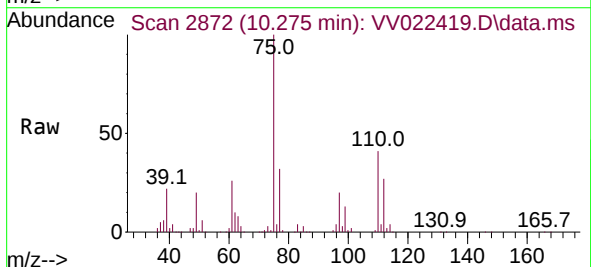
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

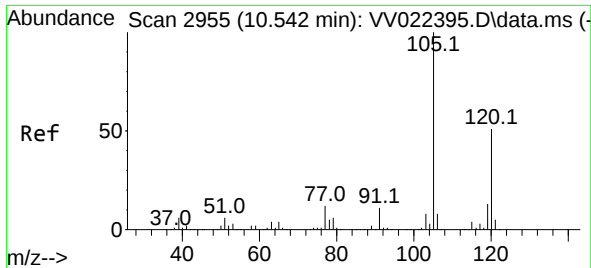
Tgt Ion:105 Resp: 444289
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.032 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 75 Resp: 128882
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 41.5 32.6 48.8

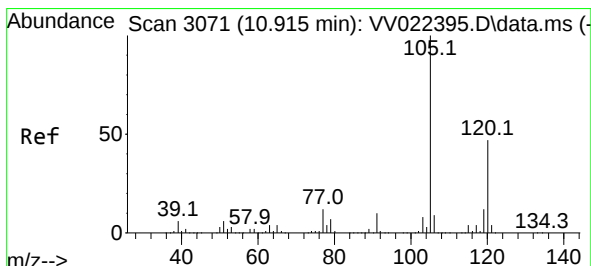
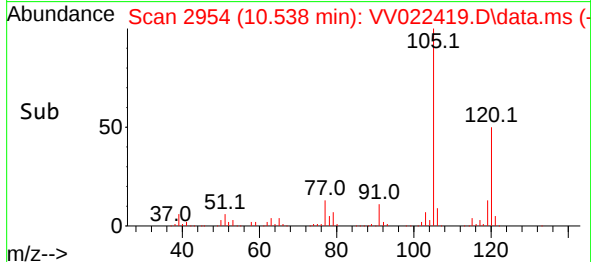
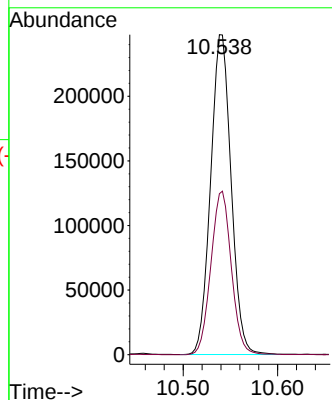
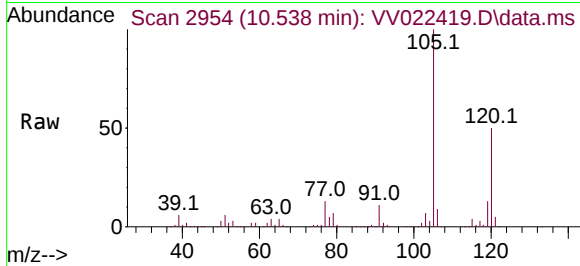




#62
1,3,5-Trimethylbenzene
Concen: 56.354 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

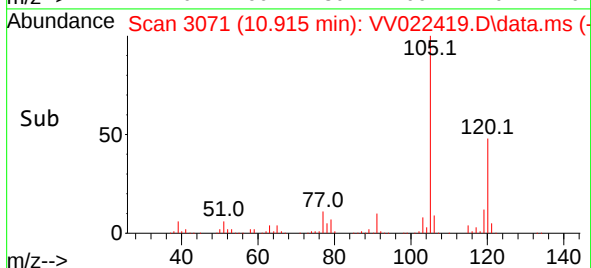
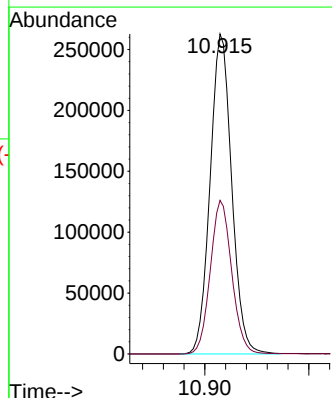
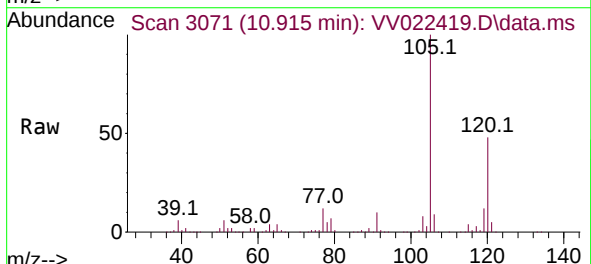
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

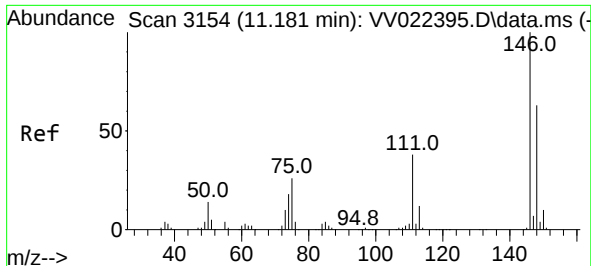
Tgt Ion:105 Resp: 372629
Ion Ratio Lower Upper
105 100
120 51.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 56.735 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:105 Resp: 378571
Ion Ratio Lower Upper
105 100
120 47.7 37.3 55.9

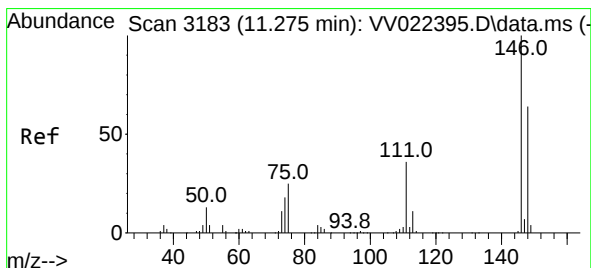
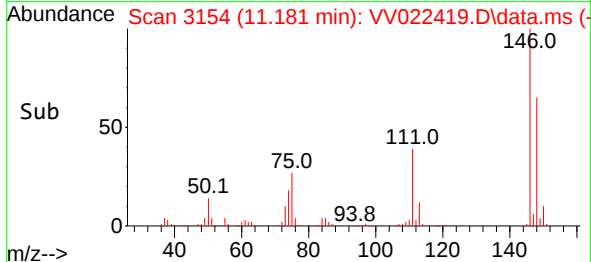
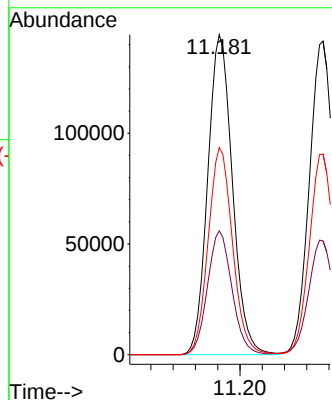
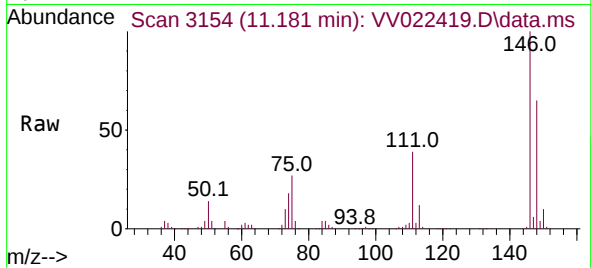




#64
1,3-Dichlorobenzene
Concen: 54.734 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

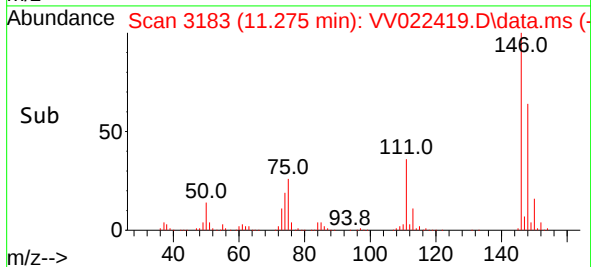
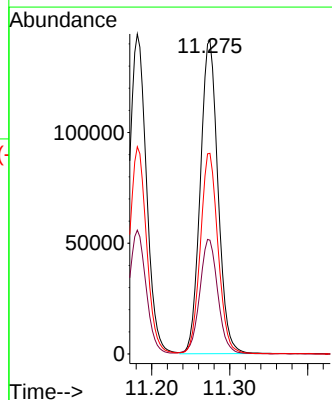
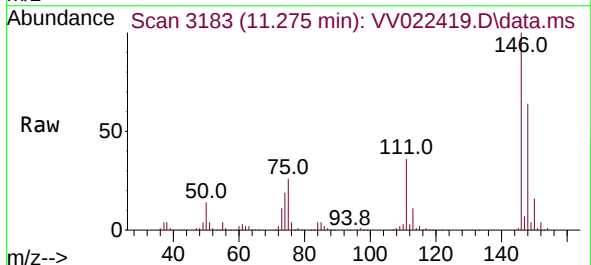
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

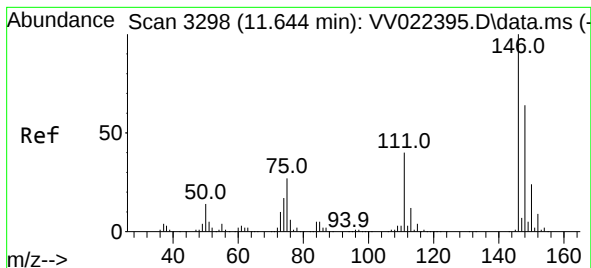
Tgt Ion:146 Resp: 222635
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 64.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 53.831 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:146 Resp: 223027
Ion Ratio Lower Upper
146 100
111 36.3 25.8 48.0
148 64.0 45.1 83.9

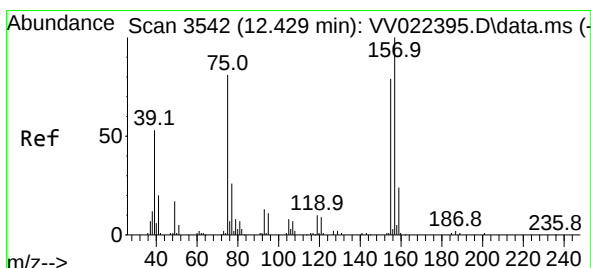
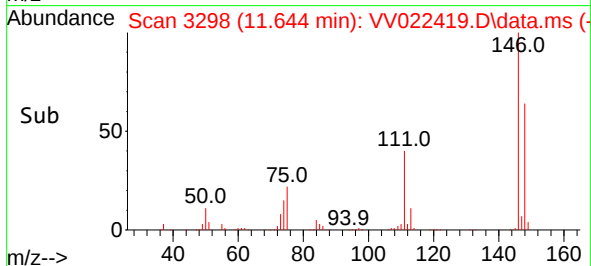
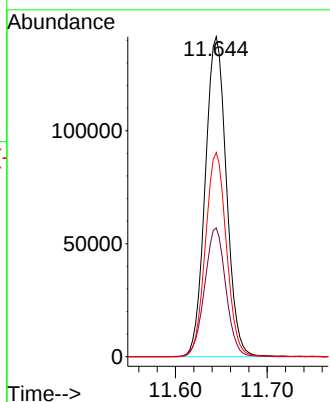
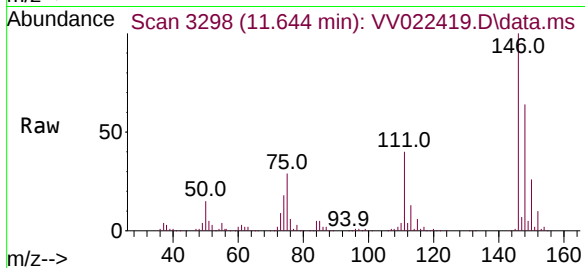




#67
1,2-Dichlorobenzene
Concen: 54.721 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

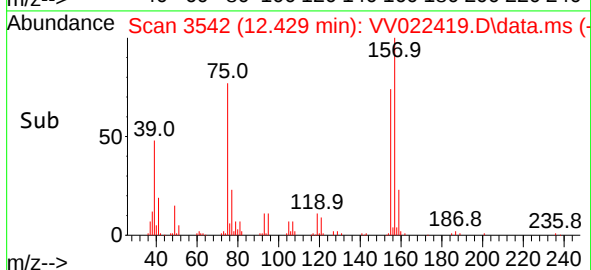
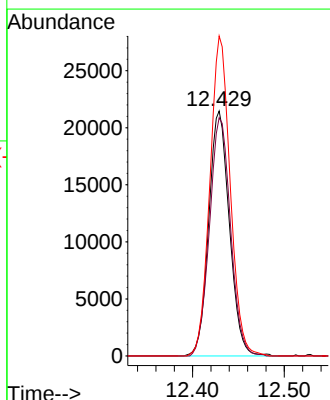
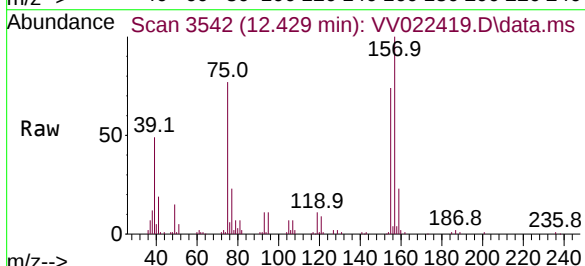
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

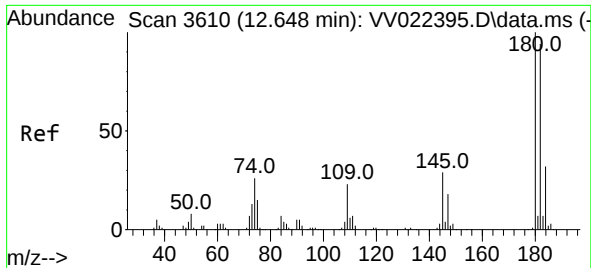
Tgt Ion:146 Resp: 227296
Ion Ratio Lower Upper
146 100
111 40.3 31.5 47.3
148 63.8 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.190 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion: 75 Resp: 33491
Ion Ratio Lower Upper
75 100
155 97.2 79.0 118.6
157 130.6 98.2 147.2

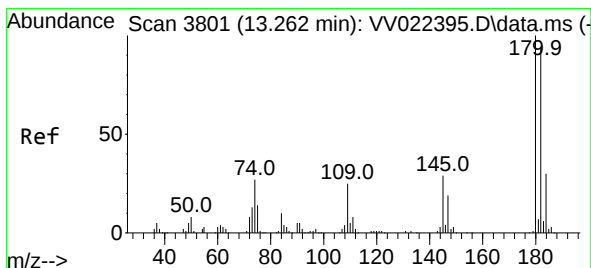
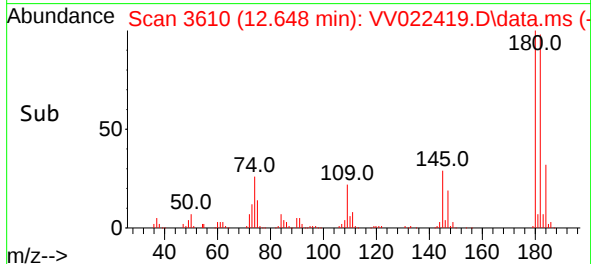
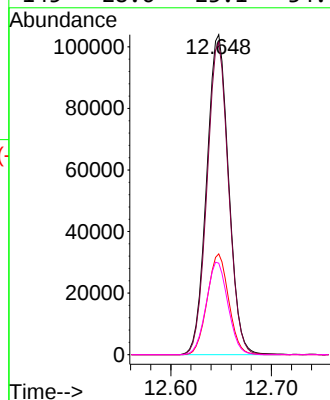
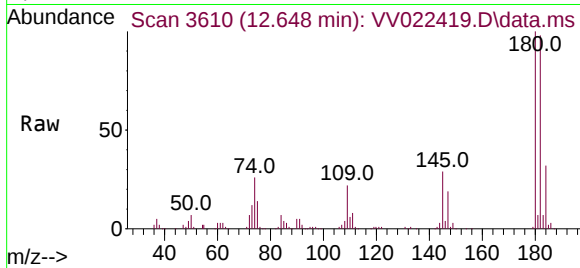




#69
1,3,5-Trichlorobenzene
Concen: 53.697 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

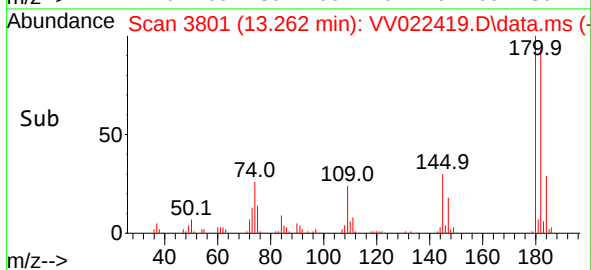
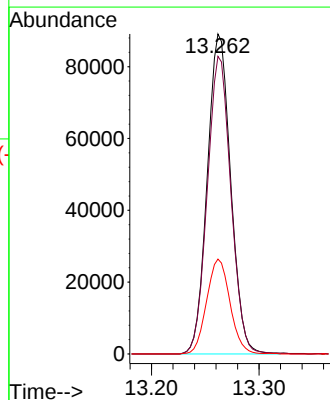
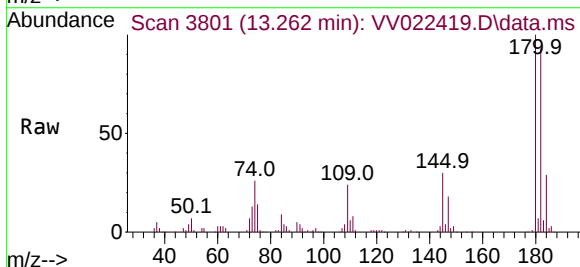
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

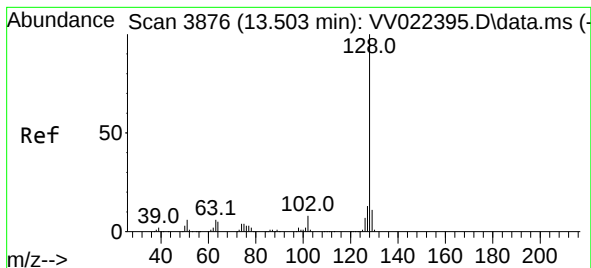
Tgt Ion:	180	Resp:	157565
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.2	112.8
184	30.7	24.2	36.2
145	28.6	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 54.269 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:	180	Resp:	134741
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.2	114.2
145	29.5	23.9	35.9

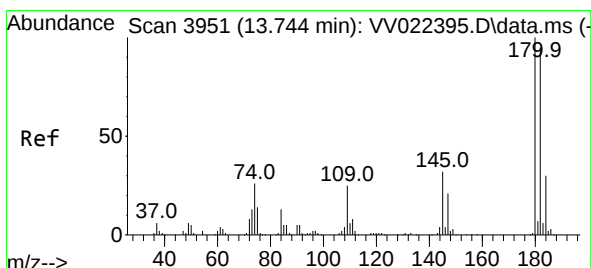
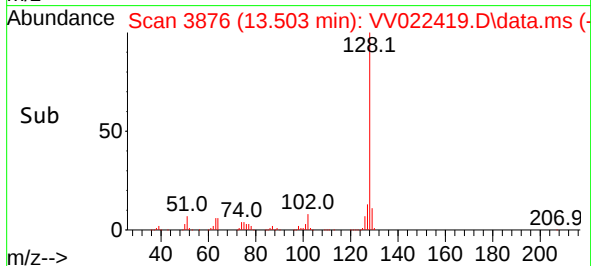
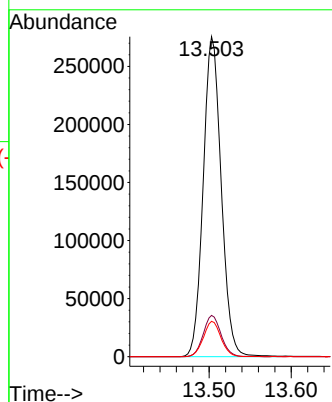
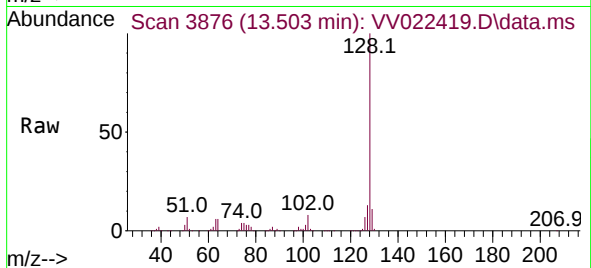




#71
Naphthalene
Concen: 55.252 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Tgt Ion:128 Resp: 420320
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.424 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022419.D
Acq: 30 Sep 2021 10:02

Tgt Ion:180 Resp: 142080
Ion Ratio Lower Upper
180 100
182 93.9 76.7 115.1
145 30.8 25.6 38.4

