

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022417.D
 Acq On : 30 Sep 2021 07:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

Quant Time: Sep 30 07:59:24 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	5.619	114	241526	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	240138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87631	42.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.500%
7) Chloroethane-d5	1.564	69	75392	46.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	168702	47.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
21) 2-Butanone-d5	3.899	46	166861	115.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.350%
24) Chloroform-d	4.349	84	184766	49.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	5.034	65	112068	49.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
32) Benzene-d6	5.050	84	367960	48.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	6.072	67	118593	49.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.317	98	351499	50.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
43) trans-1,3-Dichloroprop...	7.622	79	52303	47.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	8.091	63	113945	116.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179879	51.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	143715	50.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115471	50.167	ug/L	99
3) Chloromethane	1.240	50	118256	50.237	ug/L	100
5) Vinyl chloride	1.307	62	114584	52.158	ug/L	96
6) Bromomethane	1.519	94	63846	45.275	ug/L	99
8) Chloroethane	1.581	64	70860	52.900	ug/L	98
9) Trichlorofluoromethane	1.748	101	154757	51.885	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83554	49.963	ug/L	98
12) 1,1-Dichloroethene	2.114	96	84098	52.937	ug/L	87
13) Acetone	2.198	43	103376	91.052	ug/L	100
14) Carbon disulfide	2.291	76	253195	51.077	ug/L	100
15) Methyl Acetate	2.439	43	115087	54.385	ug/L	98
16) Methylene chloride	2.503	84	109412	49.417	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	94333	51.488	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	291086	53.427	ug/L	99
19) 1,1-Dichloroethane	3.188	63	170305	51.498	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	99859	51.175	ug/L	96
22) 2-Butanone	3.982	43	153827	102.995	ug/L	94
23) Bromochloromethane	4.249	128	56427	53.340	ug/L	95
25) Chloroform	4.375	83	173417	50.905	ug/L	100

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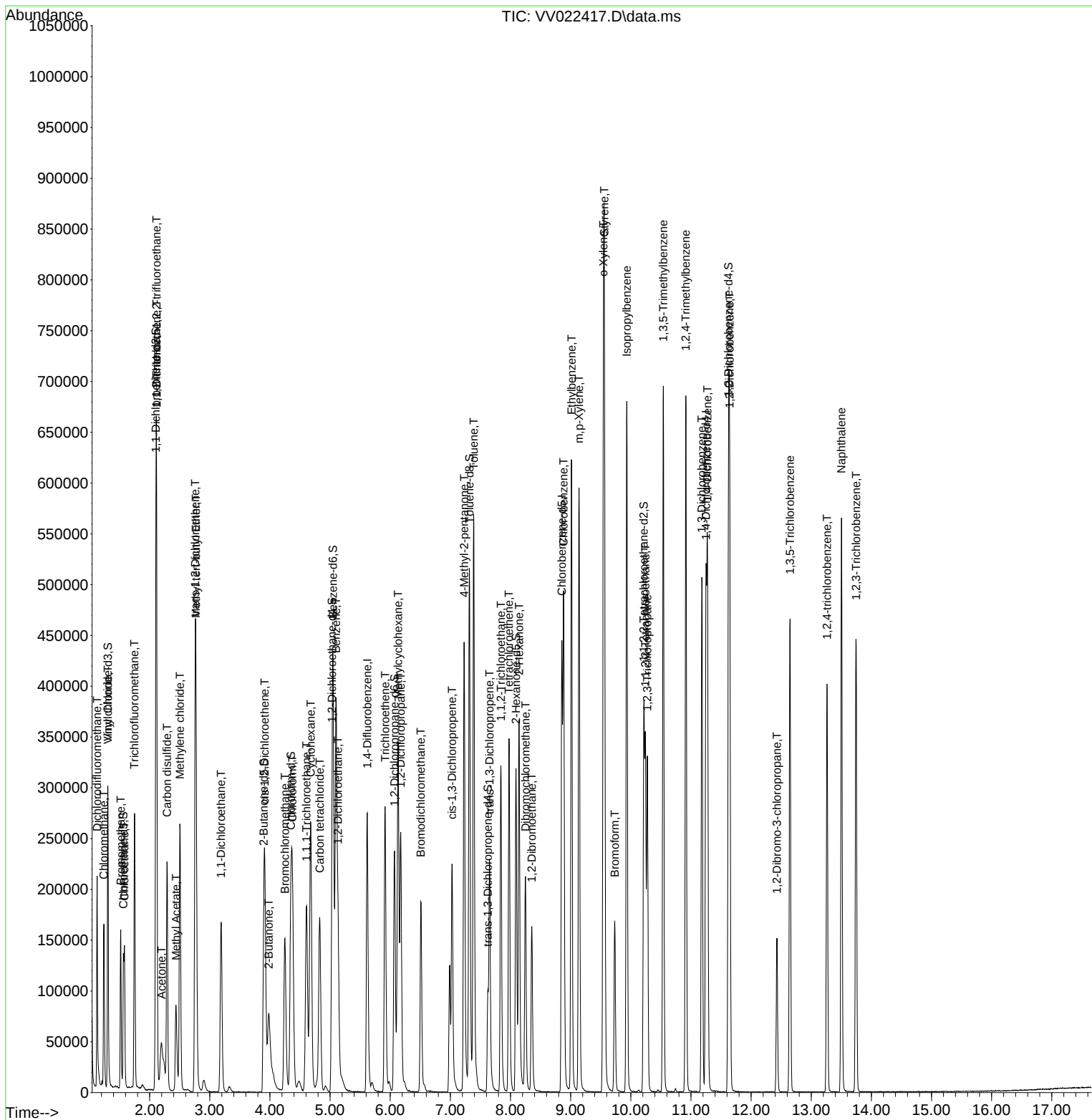
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

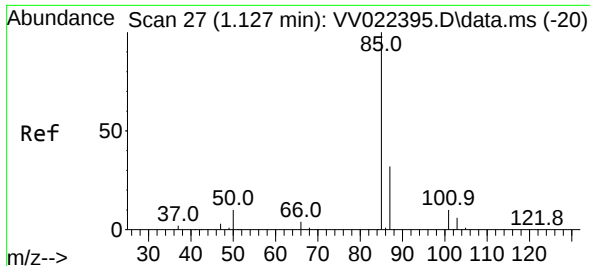
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	127805	52.758	ug/L	100
29) Cyclohexane	4.677	56	142580	50.670	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	150926	52.363	ug/L	99
31) Carbon tetrachloride	4.828	117	132647	52.256	ug/L	97
33) Benzene	5.098	78	386557	52.748	ug/L	100
34) Trichloroethene	5.915	95	97569	51.771	ug/L	98
35) Methylcyclohexane	6.133	83	133606	46.018	ug/L	94
37) 1,2-Dichloropropane	6.175	63	101518	53.977	ug/L	100
38) Bromodichloromethane	6.510	83	123744	51.458	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	141548	51.133	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	301820	114.046	ug/L	100
42) Toluene	7.387	91	426925	54.577	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	132200	50.017	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	104331	54.506	ug/L	98
46) Tetrachloroethene	7.976	164	82800	53.359	ug/L	97
48) 2-Hexanone	8.143	43	230881	114.876	ug/L	99
49) Dibromochloromethane	8.249	129	112216	55.403	ug/L	98
50) 1,2-Dibromoethane	8.355	107	110800	54.154	ug/L	96
51) Chlorobenzene	8.882	112	270849	52.630	ug/L	98
52) Ethylbenzene	9.014	91	438014	53.459	ug/L	100
53) m,p-Xylene	9.140	106	171300	54.288	ug/L	100
54) o-Xylene	9.545	106	170863	55.729	ug/L	100
55) Styrene	9.561	104	300143	56.307	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	162244	51.208	ug/L	97
59) Bromoform	9.735	173	77670	53.779	ug/L	99
60) Isopropylbenzene	9.934	105	435780	54.956	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	129254	53.817	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	361357	55.299	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	365786	55.471	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	211107	52.517	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	213156	52.060	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	218234	53.164	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34343	54.154	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	144687	49.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122272	49.832	ug/L	99
71) Naphthalene	13.503	128	433421	57.651	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	137904	54.435	ug/L	99

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

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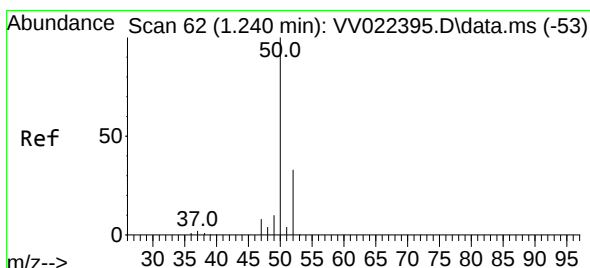
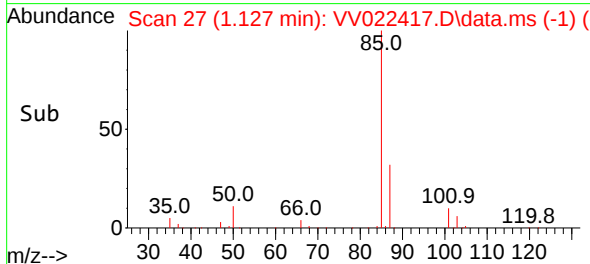
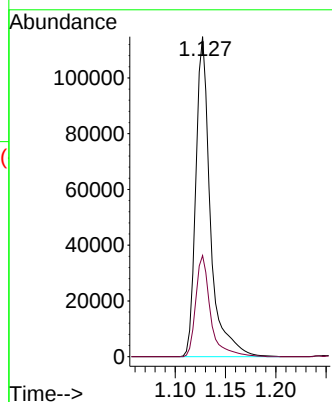
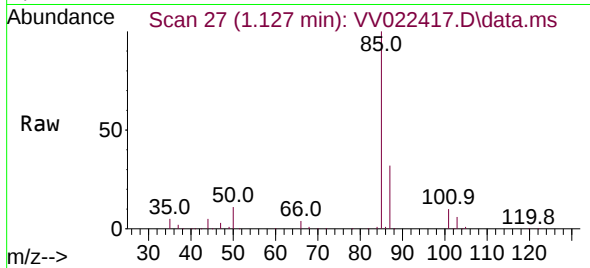




#2
 Dichlorodifluoromethane
 Concen: 50.167 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022417.D
 Acq: 30 Sep 2021 07:21

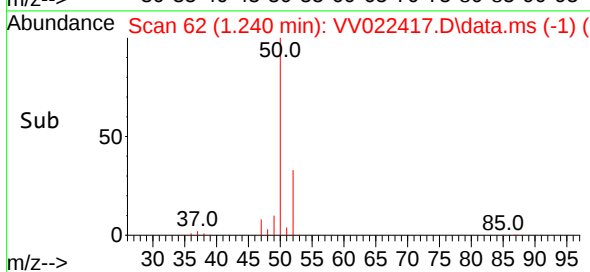
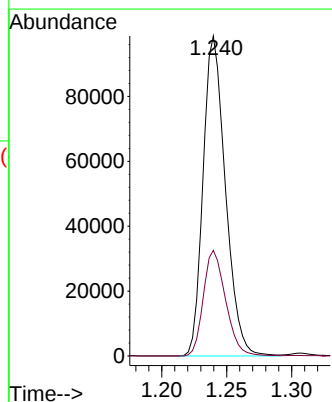
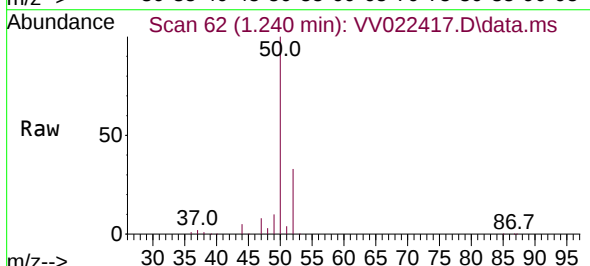
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

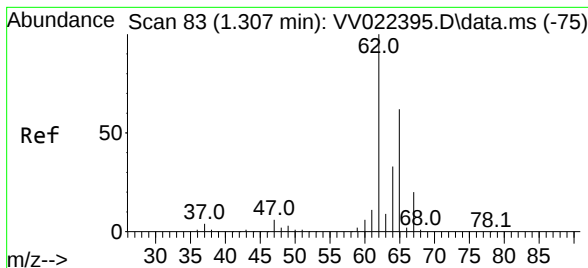
Tgt Ion: 85 Resp: 115471
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 50.237 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022417.D
 Acq: 30 Sep 2021 07:21

Tgt Ion: 50 Resp: 118256
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6





#5

Vinyl chloride

Concen: 52.158 ug/L

RT: 1.307 min Scan# 83

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion: 62 Resp: 114584

Ion Ratio Lower Upper

62 100

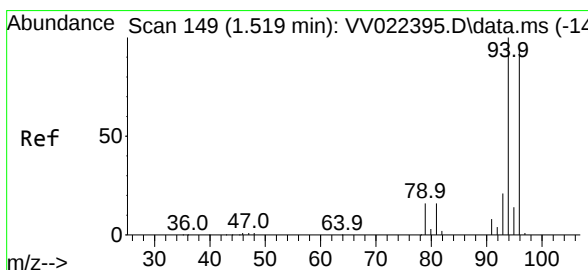
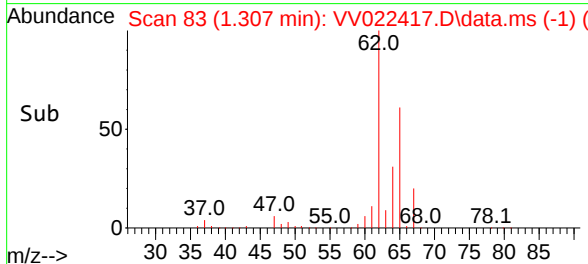
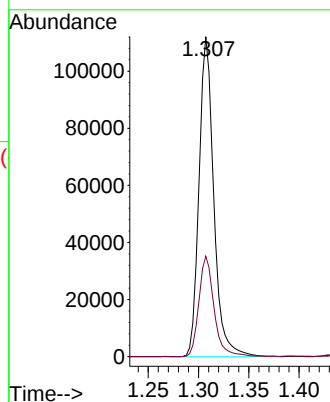
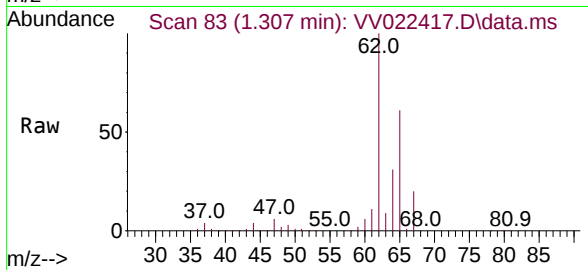
64 31.4 23.4 43.6

Instrument :

MSVOA_V

ClientSampleId :

VSTD050351



#6

Bromomethane

Concen: 45.275 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.000 min

Lab File: VV022417.D

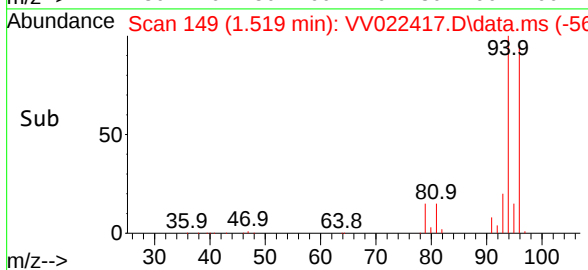
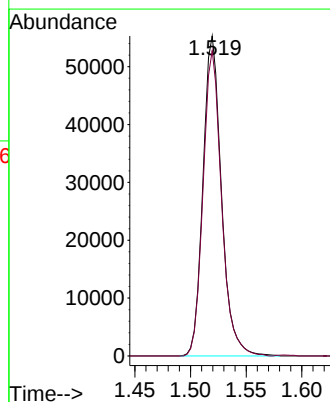
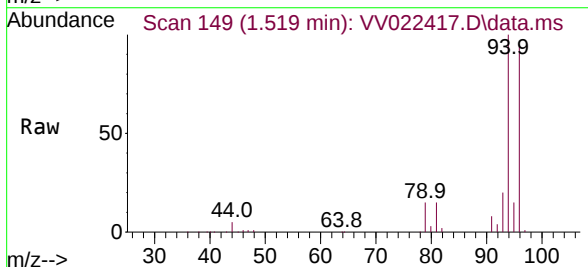
Acq: 30 Sep 2021 07:21

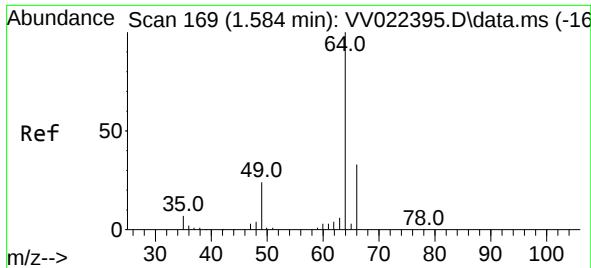
Tgt Ion: 94 Resp: 63846

Ion Ratio Lower Upper

94 100

96 95.4 66.1 122.8

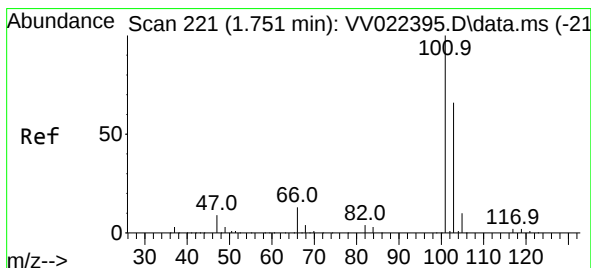
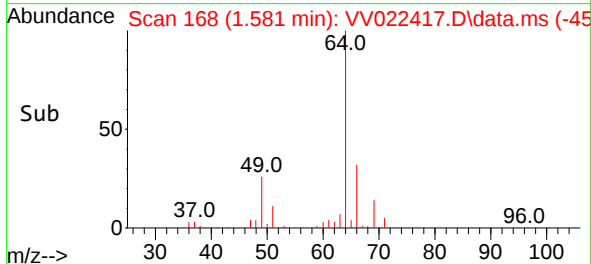
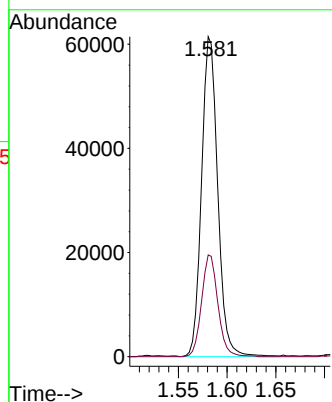
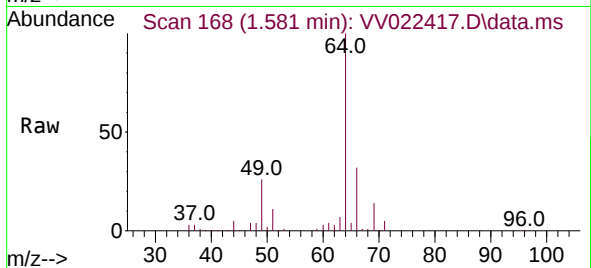




#8
Chloroethane
Concen: 52.900 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

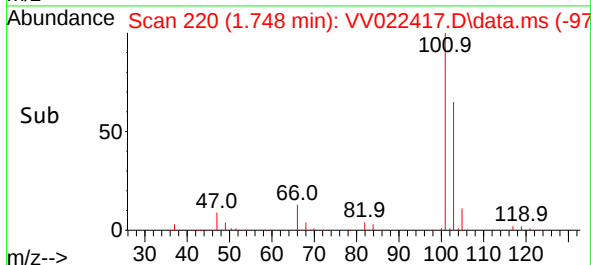
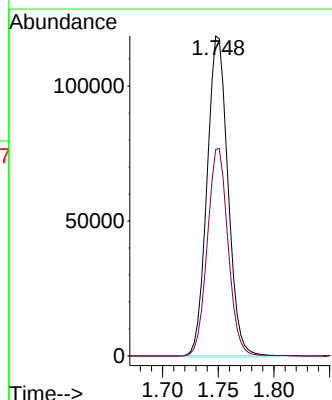
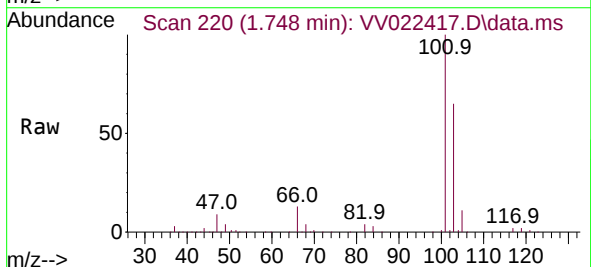
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

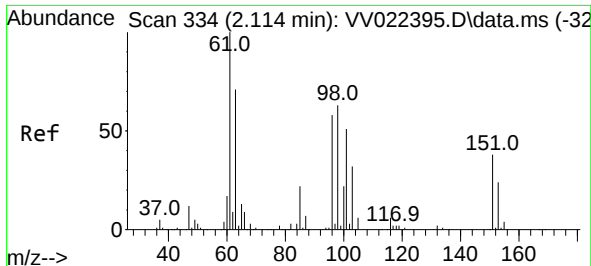
Tgt Ion: 64 Resp: 70860
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 51.885 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:101 Resp: 154757
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





#10

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

Concen: 49.963 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion:101 Resp: 83554

Ion Ratio Lower Upper

101 100

85 42.6 35.5 53.3

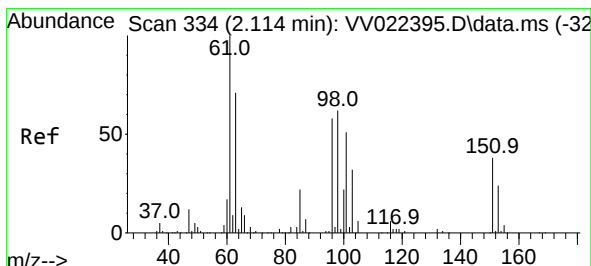
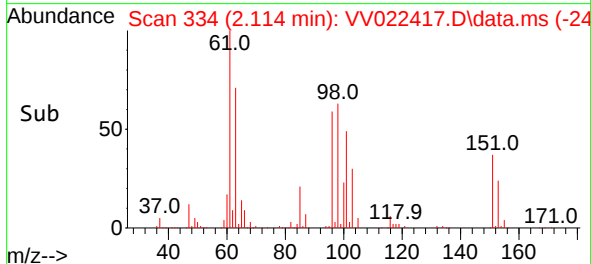
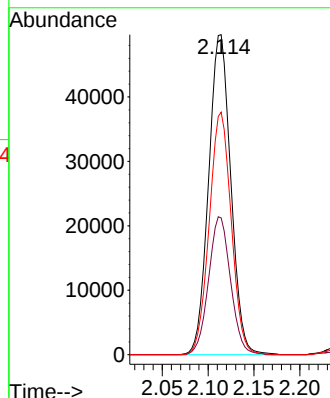
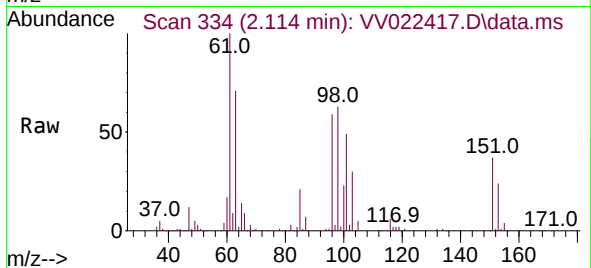
151 75.2 59.6 89.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD050351



#12

1,1-Dichloroethene

Concen: 52.937 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

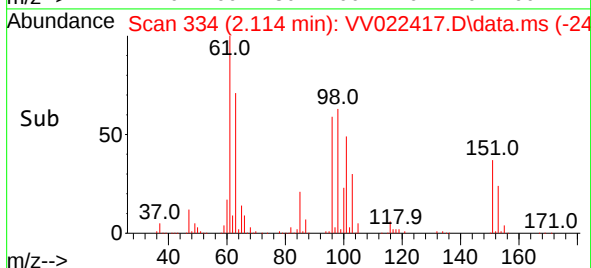
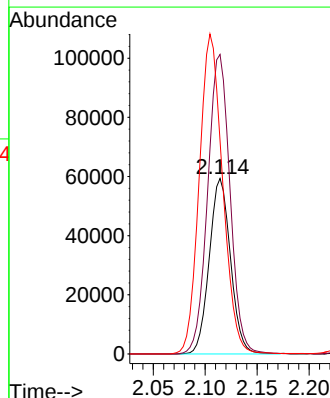
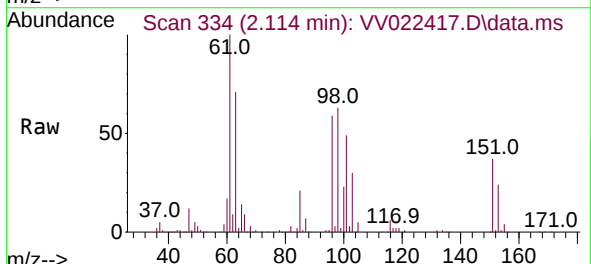
Tgt Ion: 96 Resp: 84098

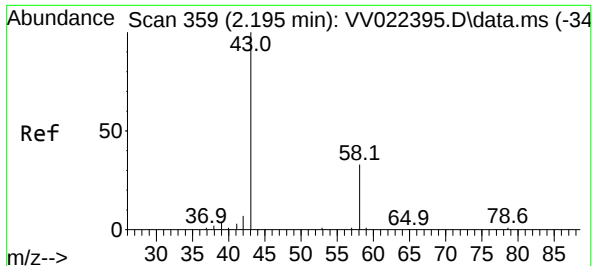
Ion Ratio Lower Upper

96 100

61 170.7 124.4 231.0

63 121.5 106.0 196.8

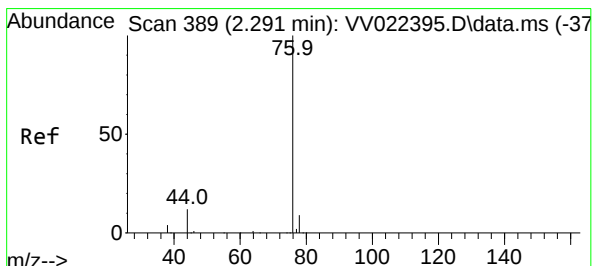
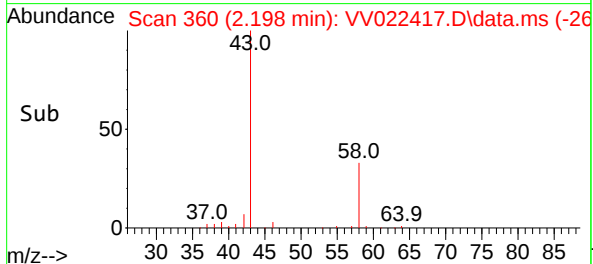
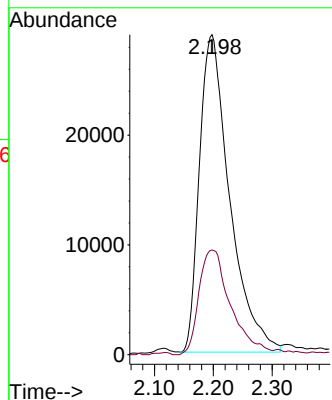
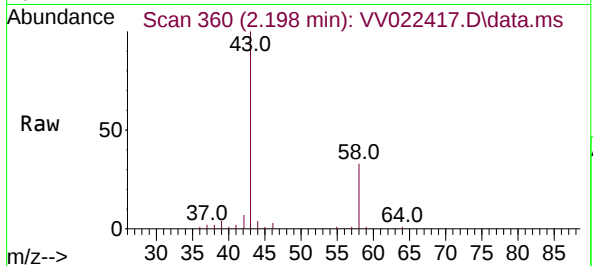




#13
Acetone
Concen: 91.052 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

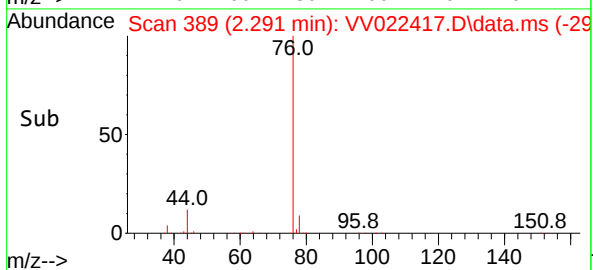
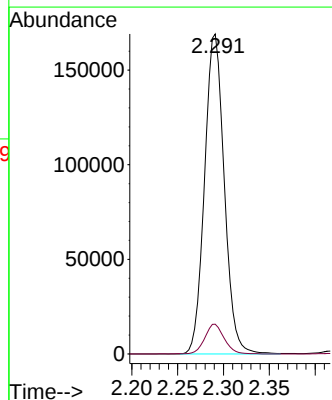
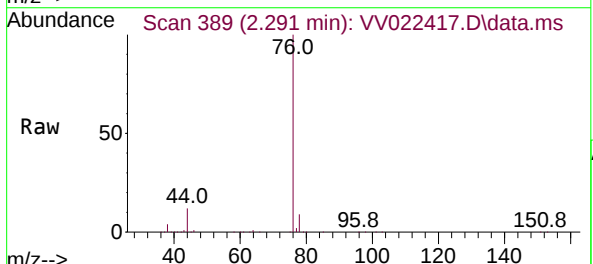
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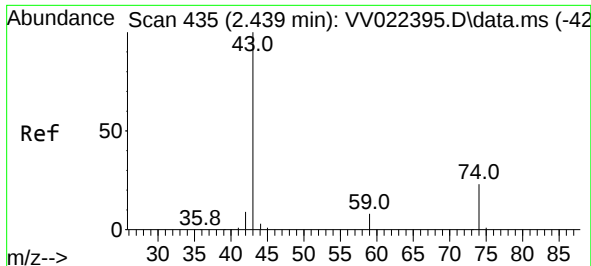
Tgt Ion: 43 Resp: 103376
Ion Ratio Lower Upper
43 100
58 33.5 0.0 67.2



#14
Carbon disulfide
Concen: 51.077 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 76 Resp: 253195
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

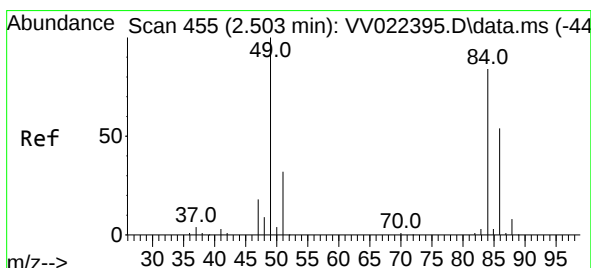
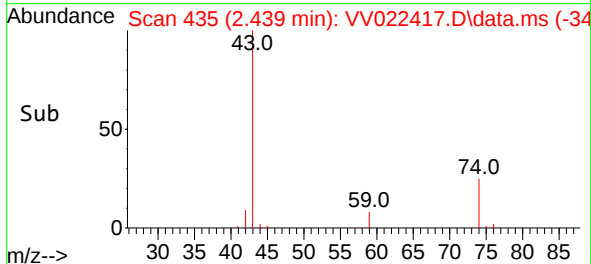
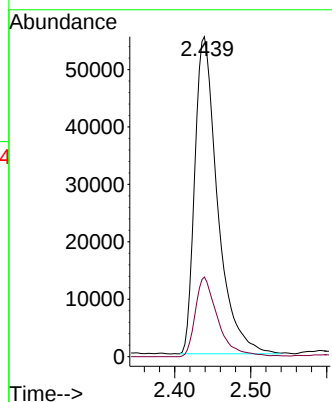
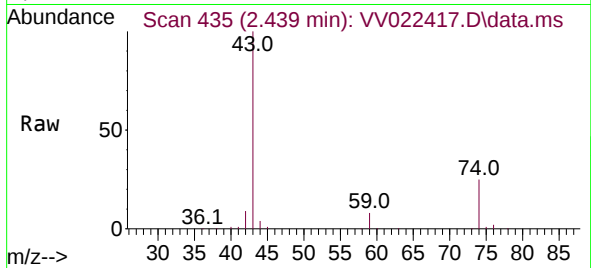




#15
Methyl Acetate
Concen: 54.385 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

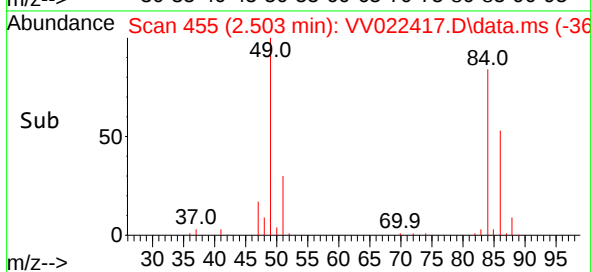
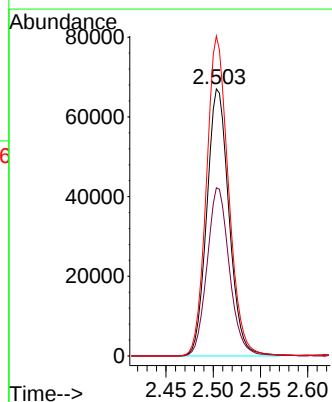
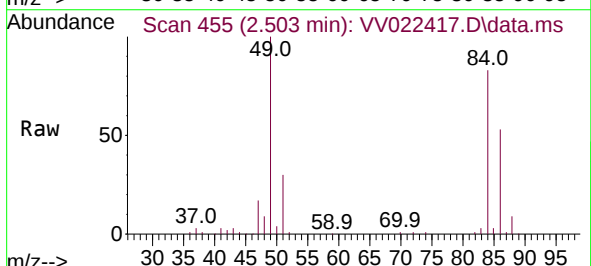
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

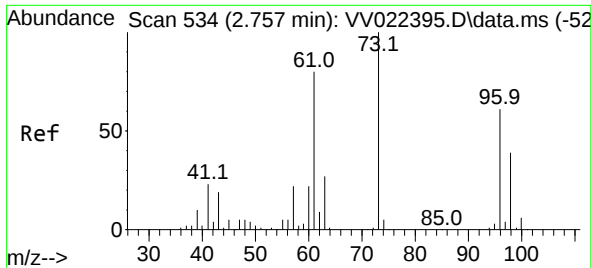
Tgt Ion: 43 Resp: 115087
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6



#16
Methylene chloride
Concen: 49.417 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 84 Resp: 109412
Ion Ratio Lower Upper
84 100
86 63.0 44.6 82.8
49 119.8 85.3 158.3

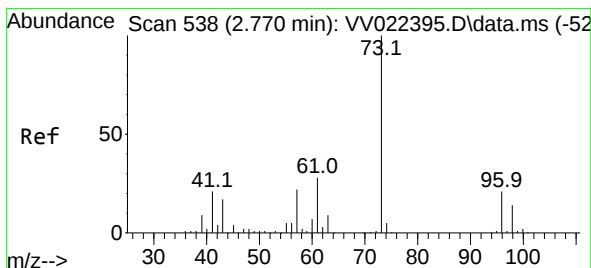
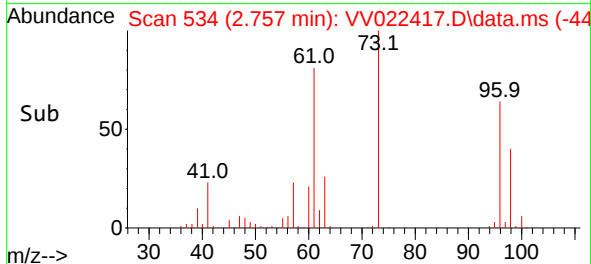
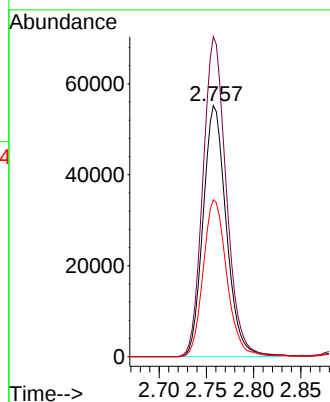
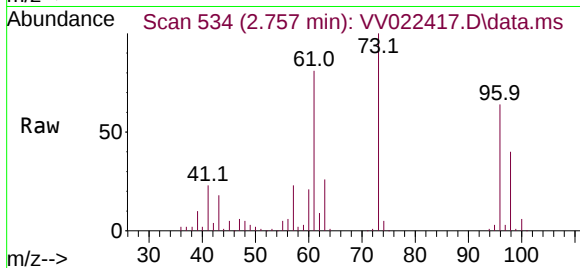




#17
trans-1,2-Dichloroethene
Concen: 51.488 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

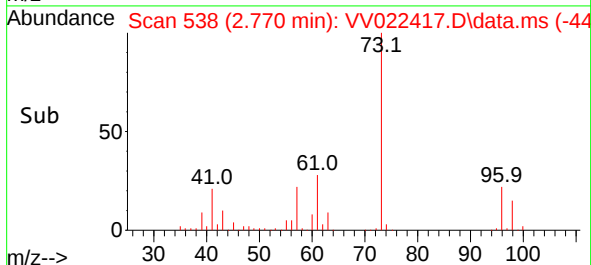
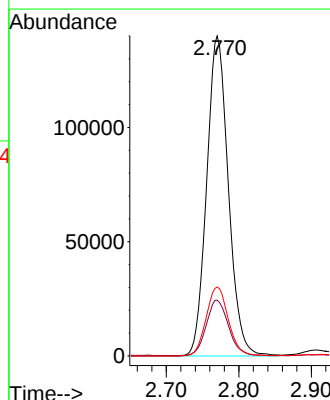
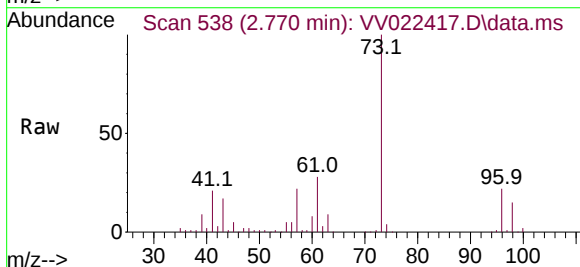
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

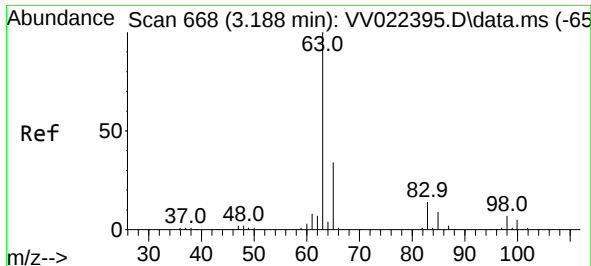
Tgt Ion: 96 Resp: 94333
Ion Ratio Lower Upper
96 100
61 127.5 92.7 172.1
98 62.5 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 53.427 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 73 Resp: 291086
Ion Ratio Lower Upper
73 100
43 17.7 14.6 21.8
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 51.498 ug/L

RT: 3.188 min Scan# 668

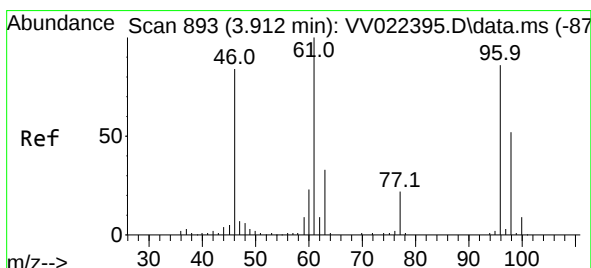
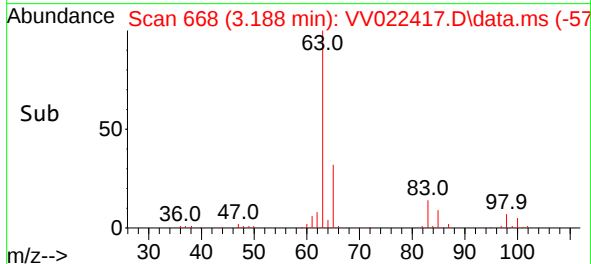
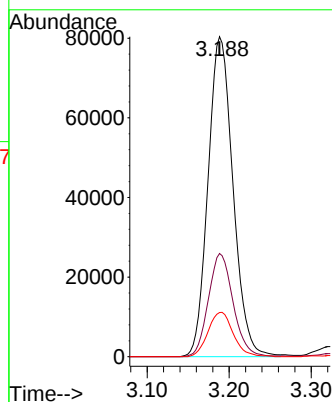
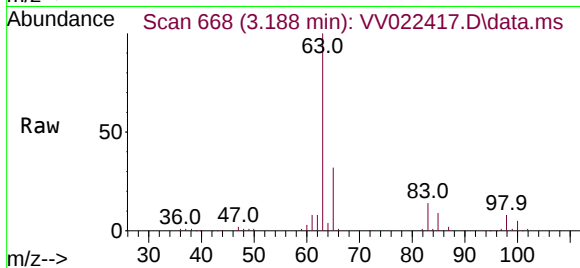
Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion: 63 Resp: 170305

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	13.8	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 51.175 ug/L

RT: 3.912 min Scan# 893

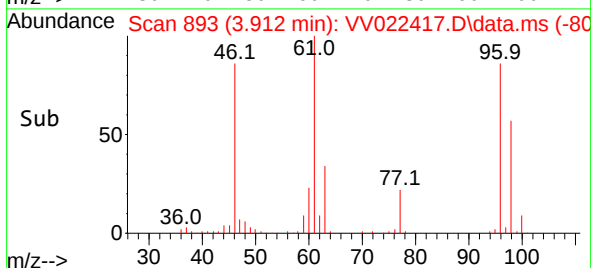
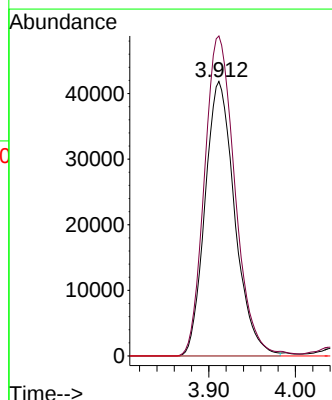
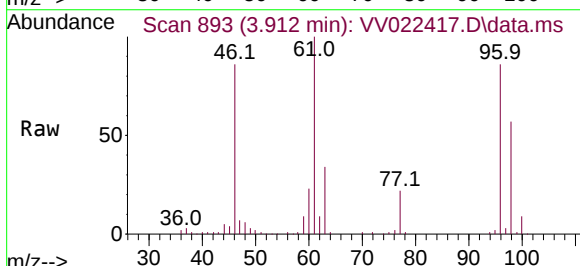
Delta R.T. 0.000 min

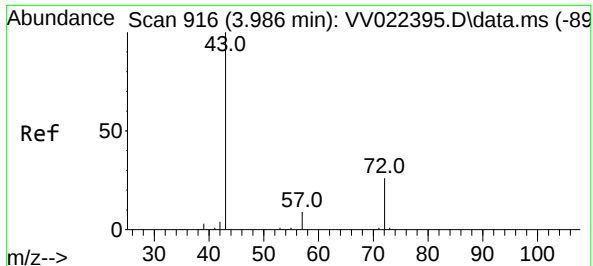
Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion: 96 Resp: 99859

Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.6	157.0
68	0.0	0.0	0.0

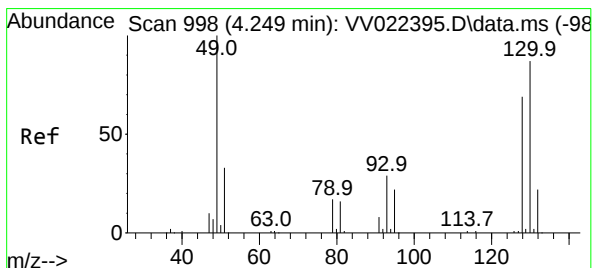
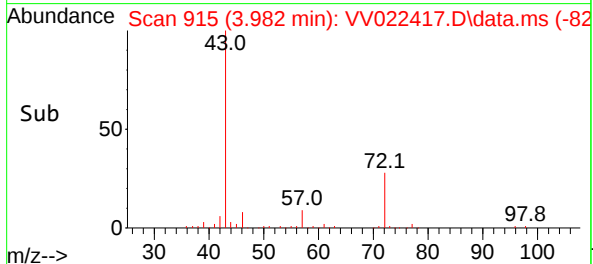
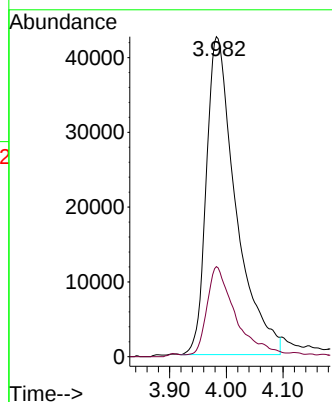
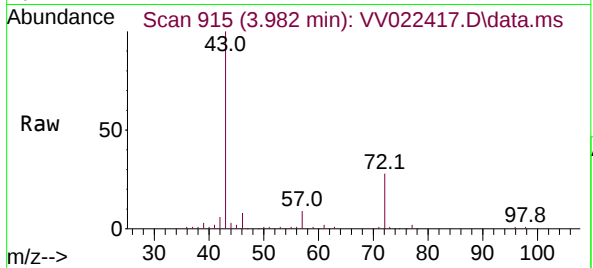




#22
2-Butanone
Concen: 102.995 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

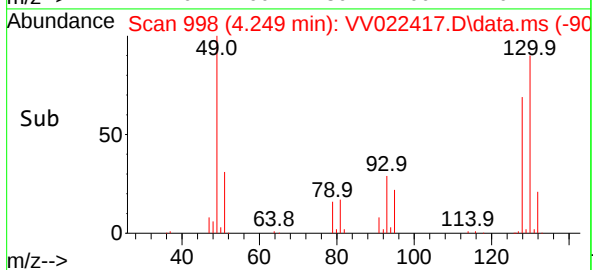
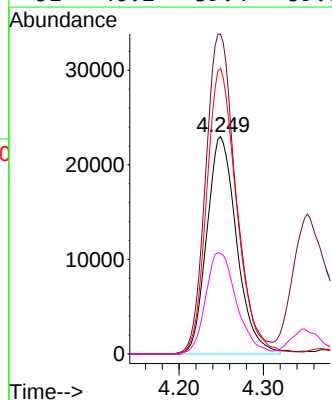
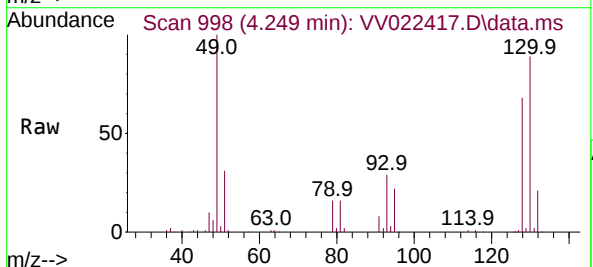
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

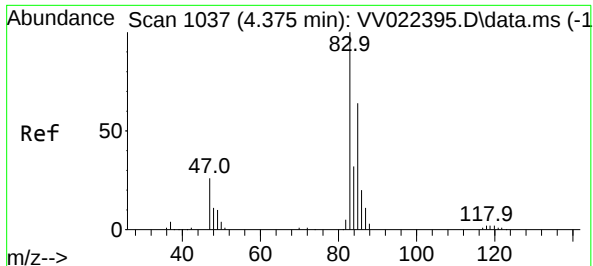
Tgt Ion: 43 Resp: 153827
Ion Ratio Lower Upper
43 100
72 24.7 13.8 41.4



#23
Bromochloromethane
Concen: 53.340 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:128 Resp: 56427
Ion Ratio Lower Upper
128 100
49 147.1 109.1 202.7
130 131.4 89.3 165.9
51 46.2 39.4 59.0





#25

Chloroform

Concen: 50.905 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion: 83 Resp: 173417

Ion Ratio Lower Upper

83 100

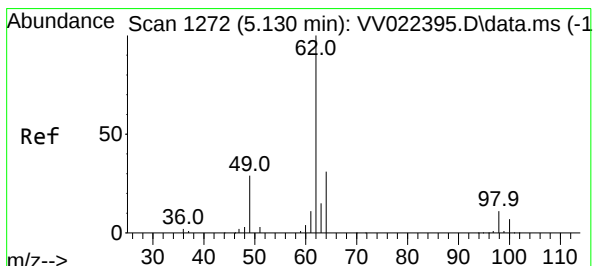
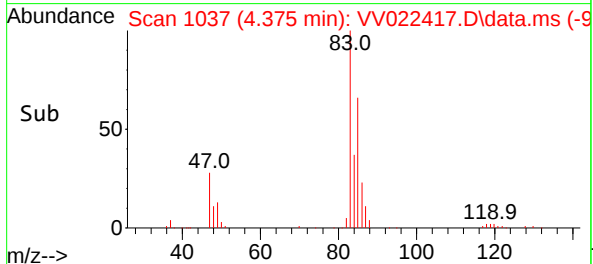
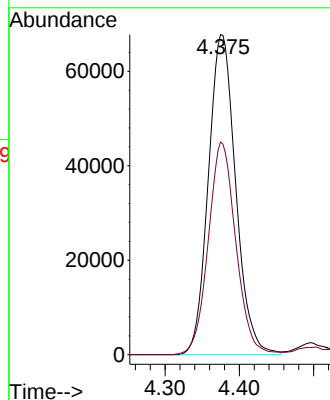
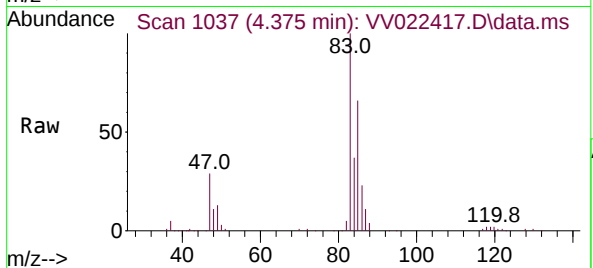
85 66.5 46.5 86.3

Instrument :

MSVOA_V

ClientSampleId :

VSTD050351



#27

1,2-Dichloroethane

Concen: 52.758 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV022417.D

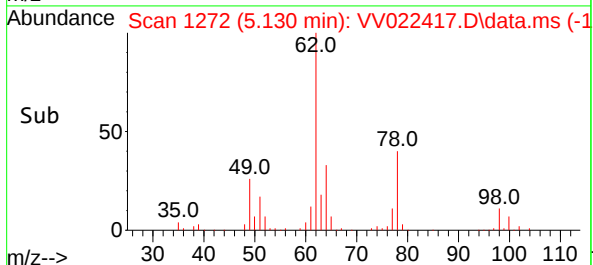
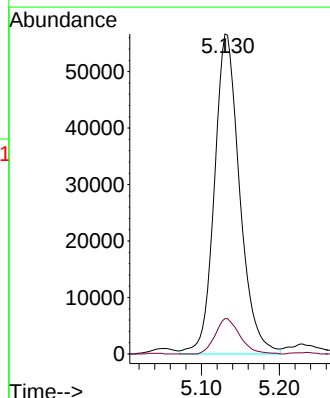
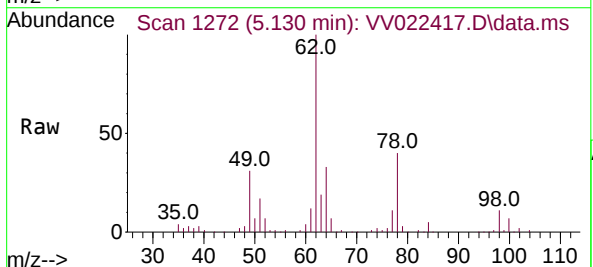
Acq: 30 Sep 2021 07:21

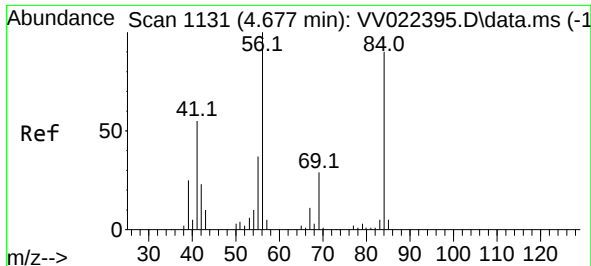
Tgt Ion: 62 Resp: 127805

Ion Ratio Lower Upper

62 100

98 11.0 8.9 13.3





#29

Cyclohexane

Concen: 50.670 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050351

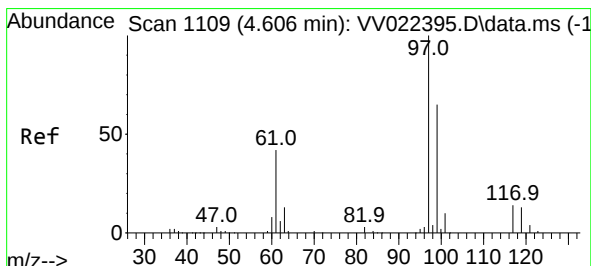
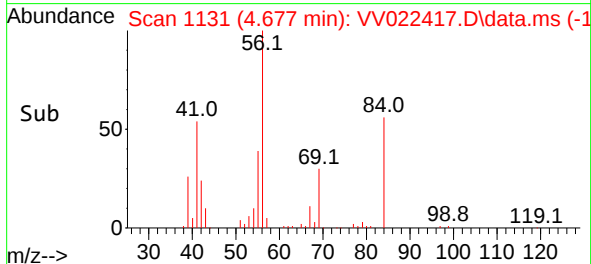
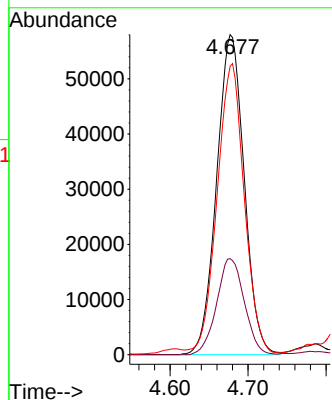
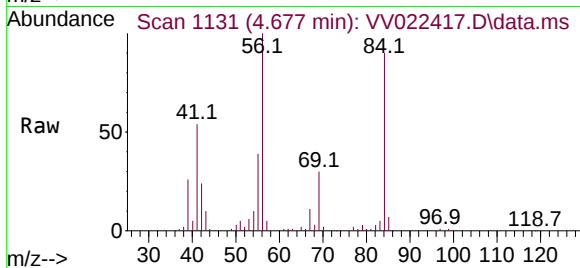
Tgt Ion: 56 Resp: 142580

Ion Ratio Lower Upper

56 100

69 30.0 24.6 37.0

84 88.9 71.8 107.8



#30

1,1,1-Trichloroethane

Concen: 52.363 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

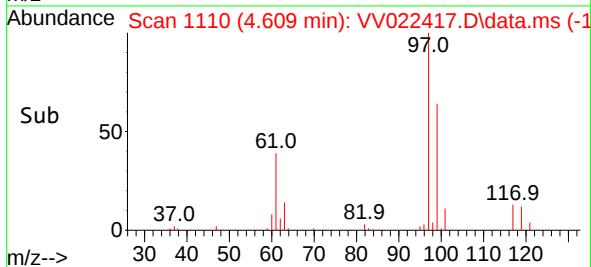
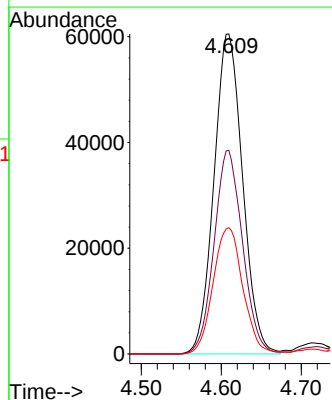
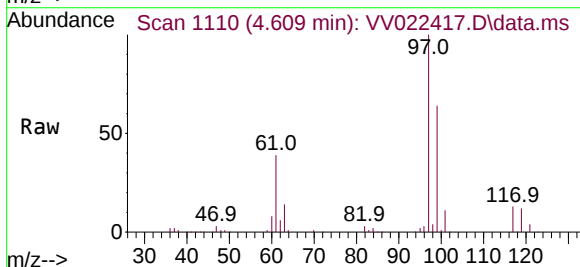
Tgt Ion: 97 Resp: 150926

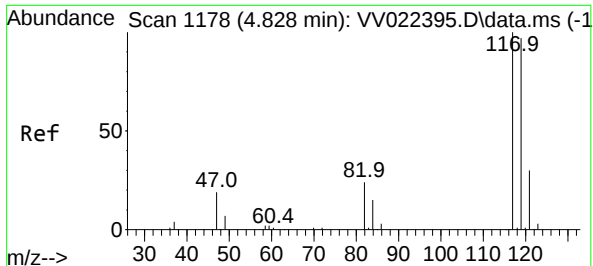
Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 40.9 33.7 50.5

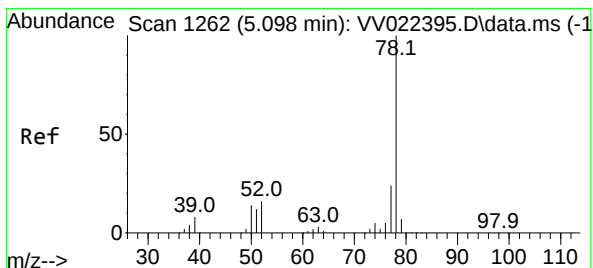
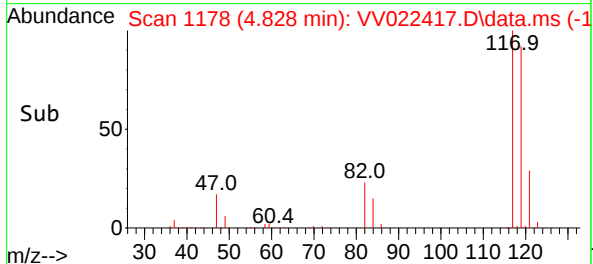
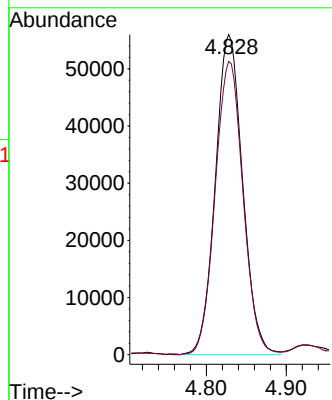
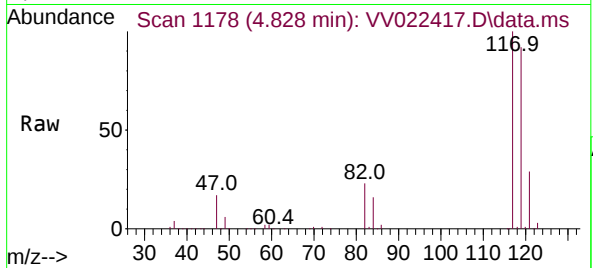




#31
Carbon tetrachloride
Concen: 52.256 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

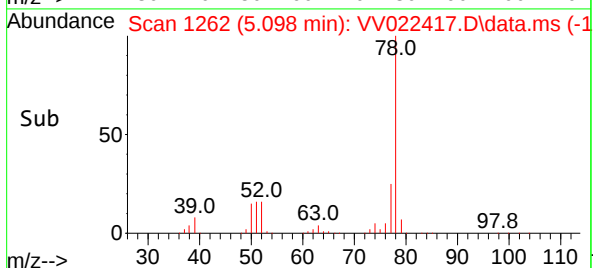
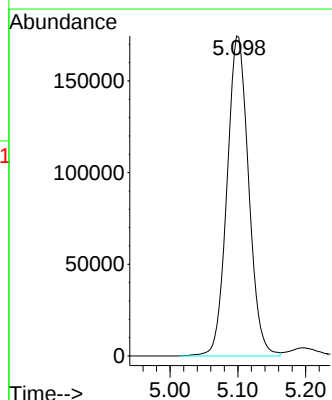
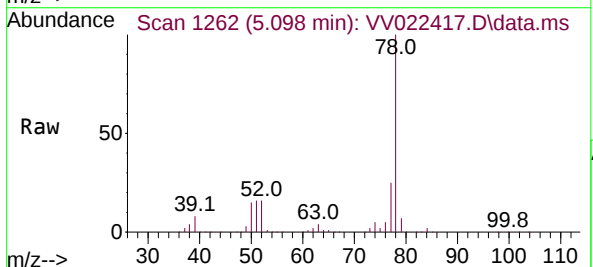
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

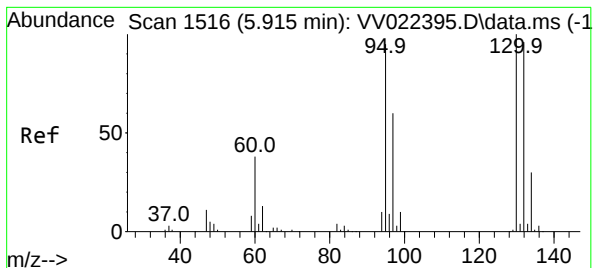
Tgt Ion:117 Resp: 132647
Ion Ratio Lower Upper
117 100
119 93.5 77.1 115.7



#33
Benzene
Concen: 52.748 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 78 Resp: 386557





#34

Trichloroethene

Concen: 51.771 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

Tgt Ion: 95 Resp: 97569

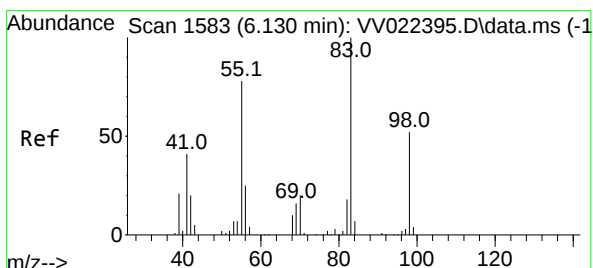
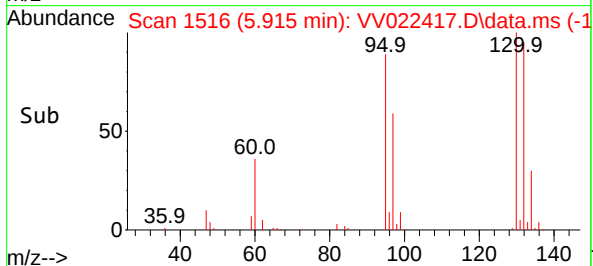
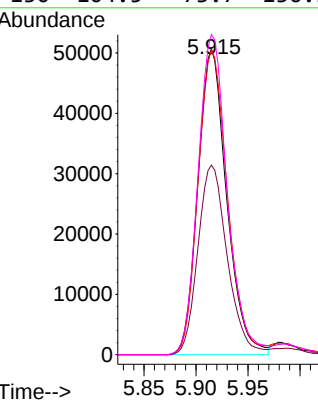
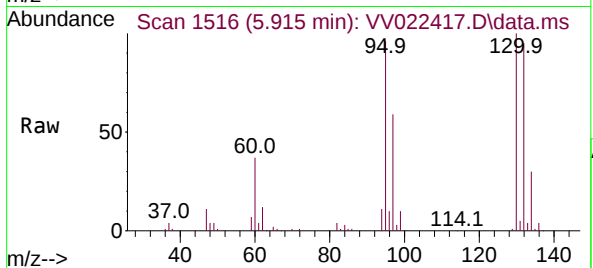
Ion Ratio Lower Upper

95 100

97 62.0 45.2 84.0

132 99.6 71.0 131.8

130 104.5 73.7 136.9



#35

Methylcyclohexane

Concen: 46.018 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

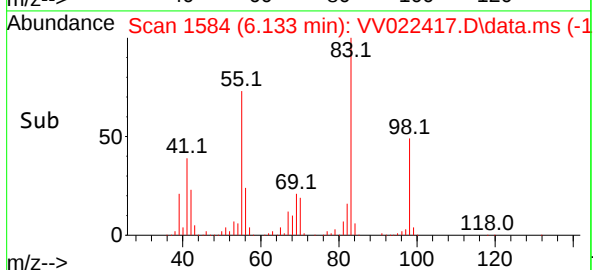
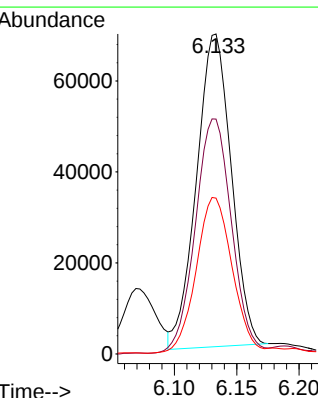
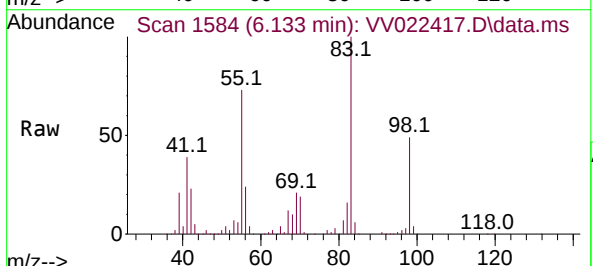
Tgt Ion: 83 Resp: 133606

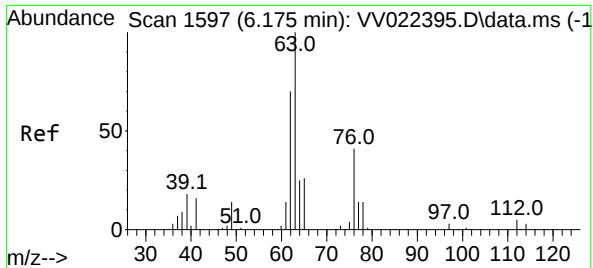
Ion Ratio Lower Upper

83 100

55 79.0 58.6 87.8

98 51.5 39.2 58.8

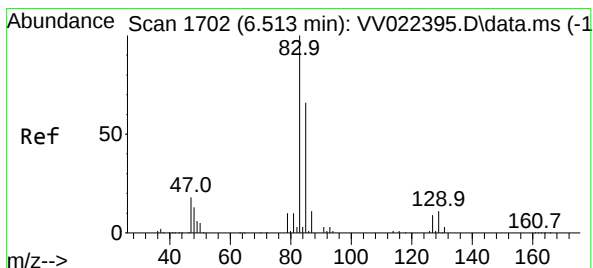
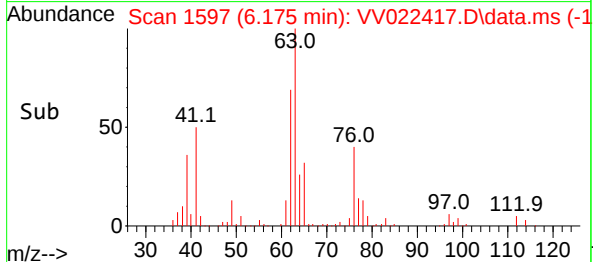
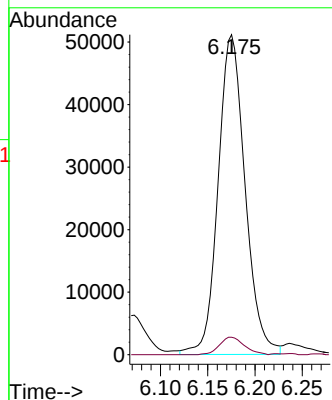
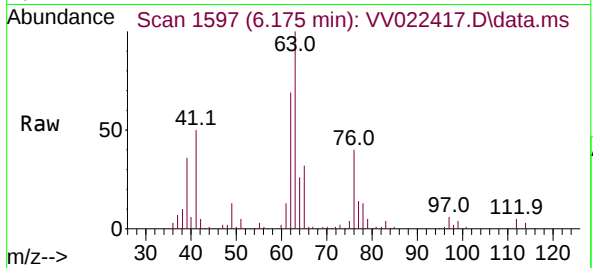




#37
1,2-Dichloropropane
Concen: 53.977 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

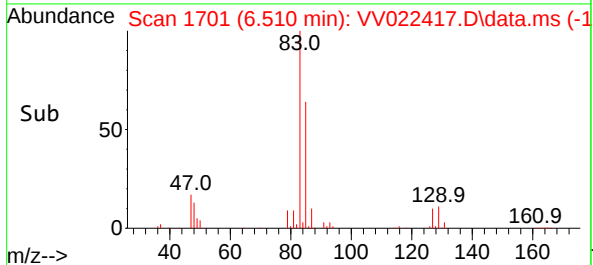
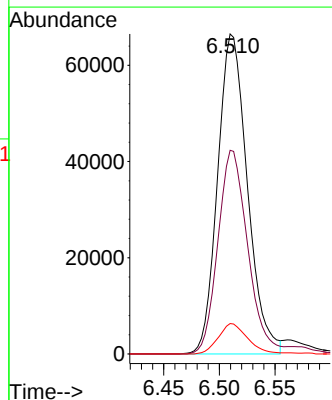
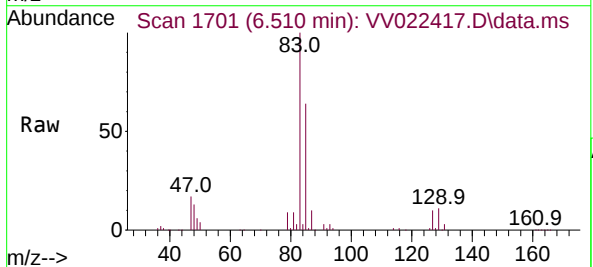
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

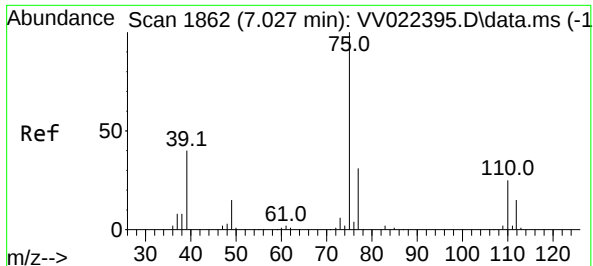
Tgt Ion: 63 Resp: 101518
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 51.458 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 83 Resp: 123744
Ion Ratio Lower Upper
83 100
85 63.7 43.2 80.2
127 9.5 6.6 10.0

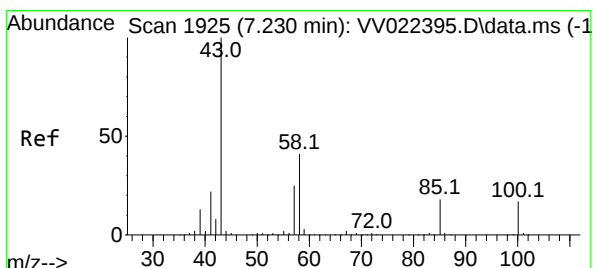
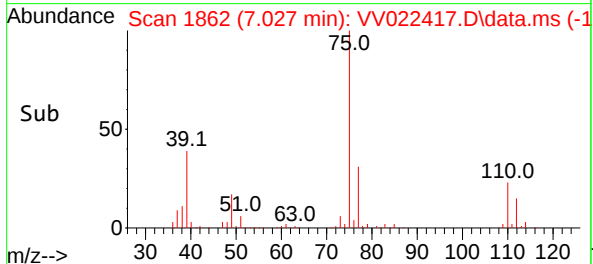
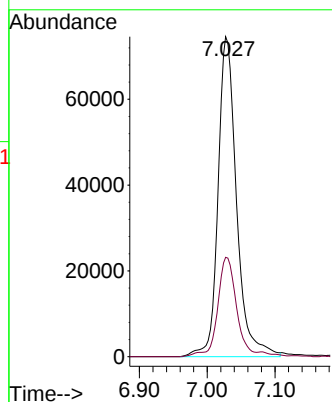
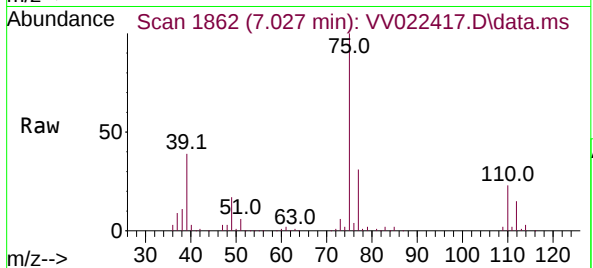




#39
 cis-1,3-Dichloropropene
 Concen: 51.133 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022417.D
 Acq: 30 Sep 2021 07:21

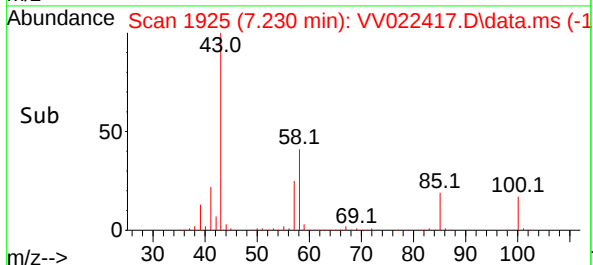
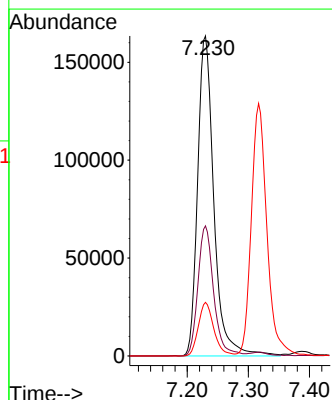
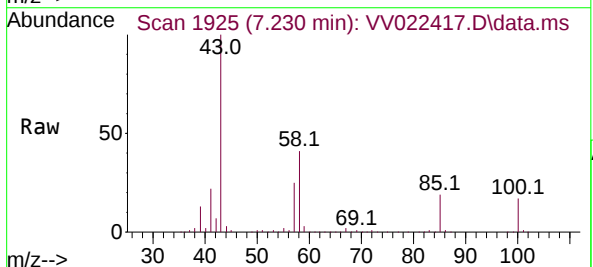
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

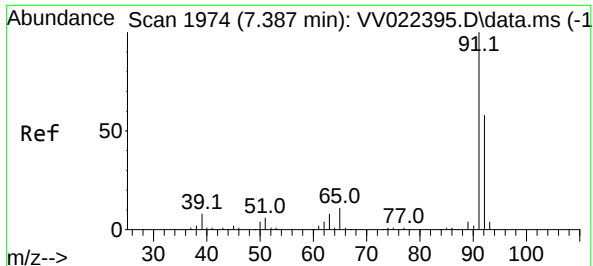
Tgt Ion: 75 Resp: 141548
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 114.046 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV022417.D
 Acq: 30 Sep 2021 07:21

Tgt Ion: 43 Resp: 301820
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4
 100 16.0 13.1 19.7

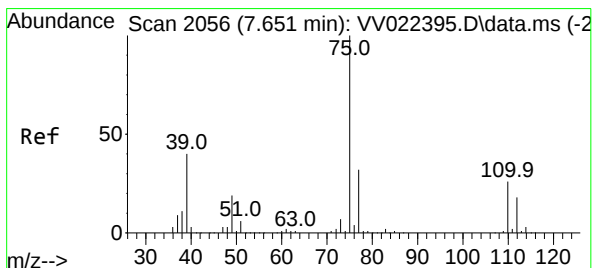
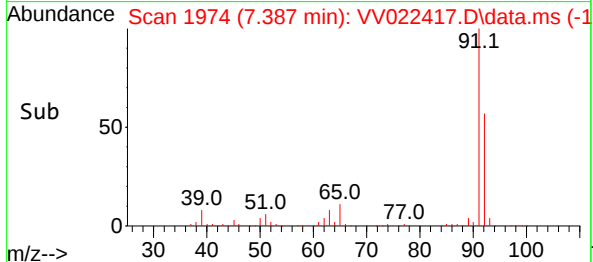
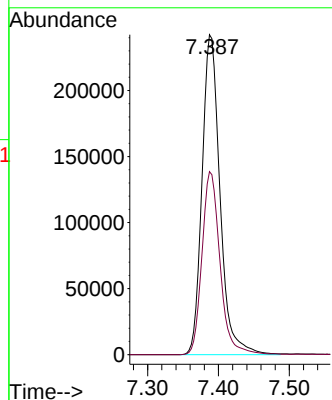
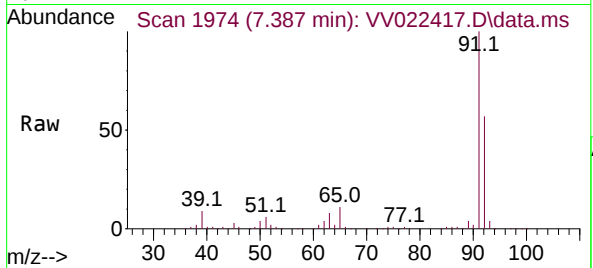




#42
Toluene
Concen: 54.577 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

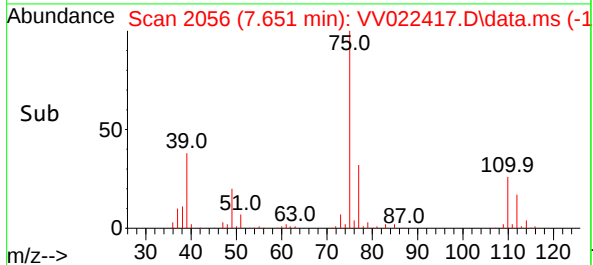
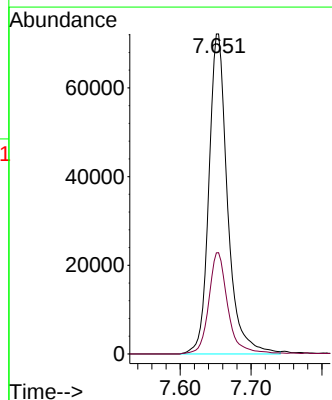
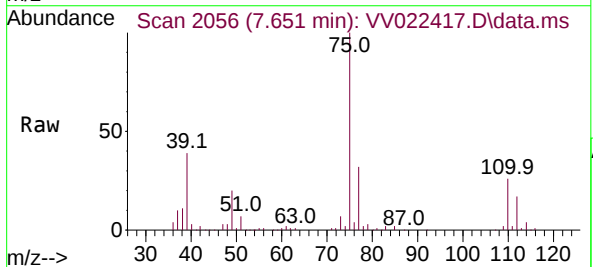
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

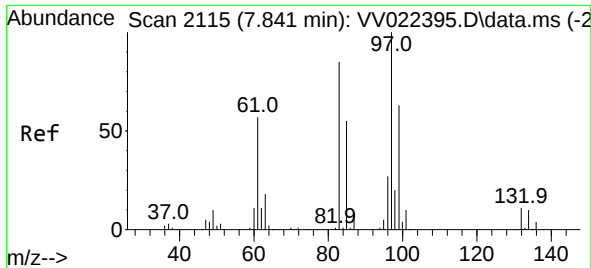
Tgt Ion: 91 Resp: 426925
Ion Ratio Lower Upper
91 100
92 57.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 50.017 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 75 Resp: 132200
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3

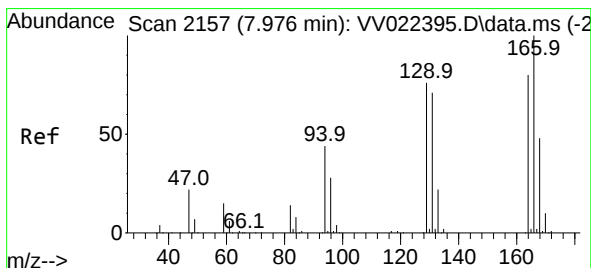
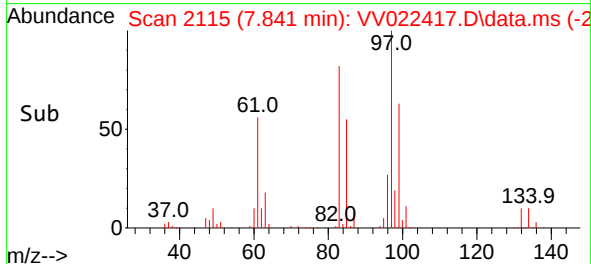
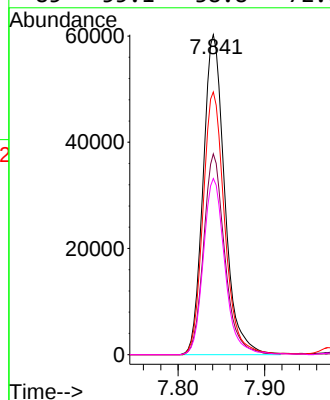
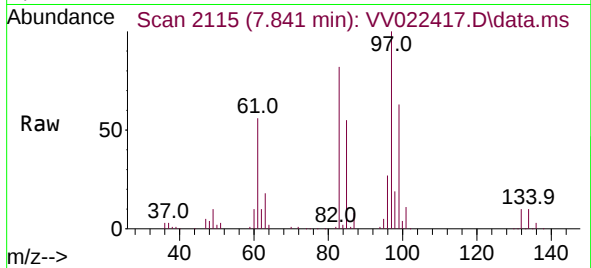




#45
1,1,2-Trichloroethane
Concen: 54.506 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

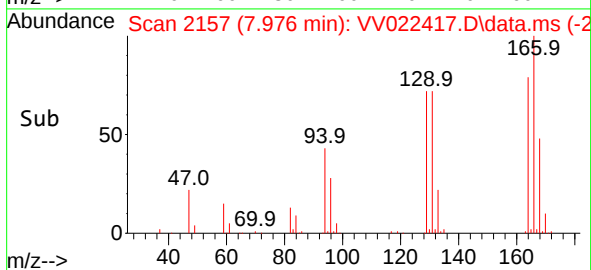
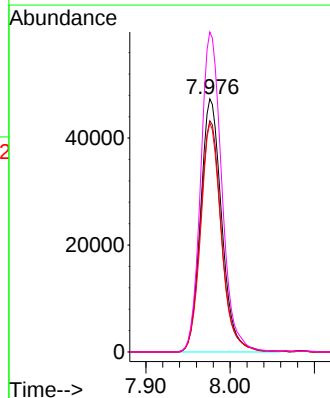
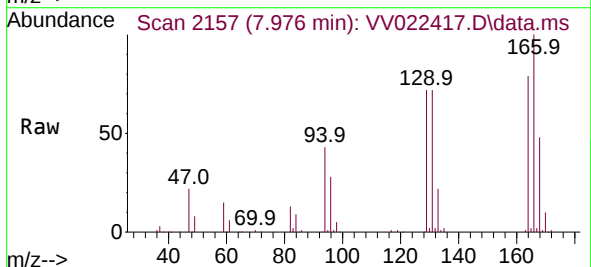
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

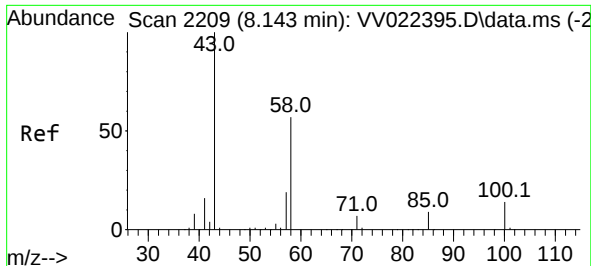
Tgt Ion:	97	Resp:	104331
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.6	82.8
83	82.1	59.8	111.1
85	55.1	38.8	72.0



#46
Tetrachloroethene
Concen: 53.359 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:	164	Resp:	82800
Ion	Ratio	Lower	Upper
164	100		
129	91.3	66.4	123.4
131	90.5	63.6	118.0
166	126.4	91.6	170.0



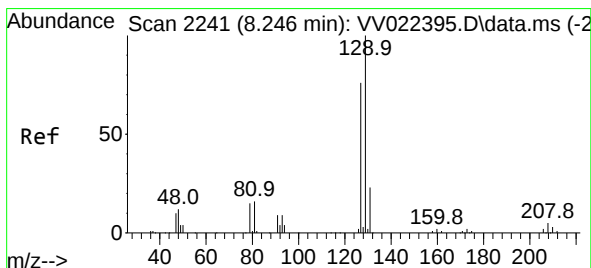
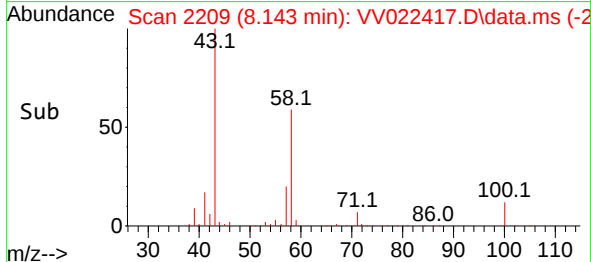
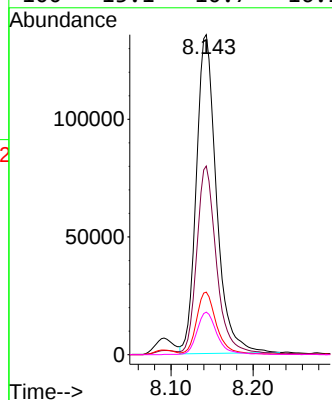
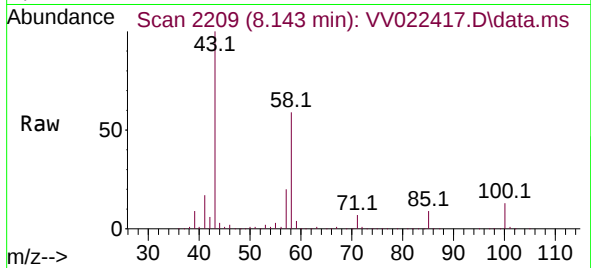


#48
2-Hexanone
Concen: 114.876 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

Tgt Ion: 43 Resp: 230881

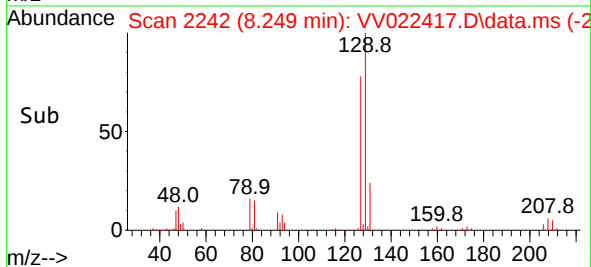
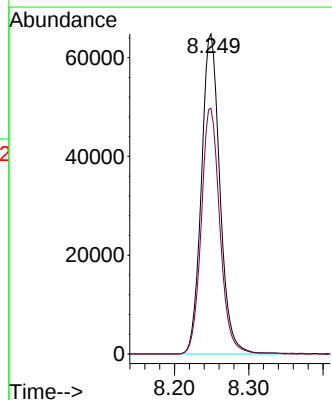
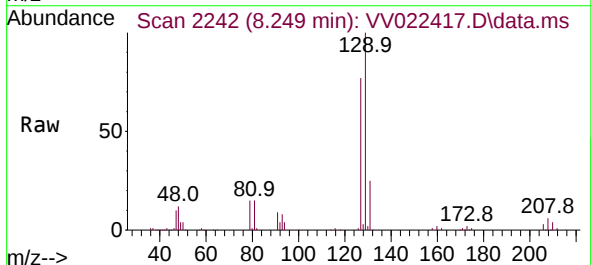
Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.4	68.2
57	19.6	15.0	22.4
100	13.1	10.7	16.1

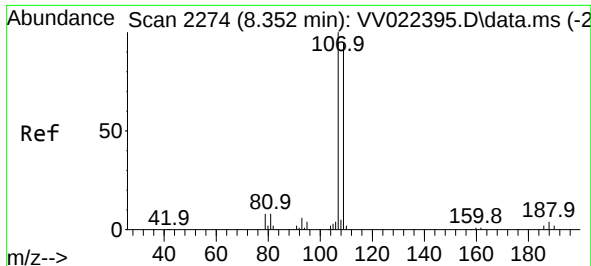


#49
Dibromochloromethane
Concen: 55.403 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 129 Resp: 112216

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.7	101.7

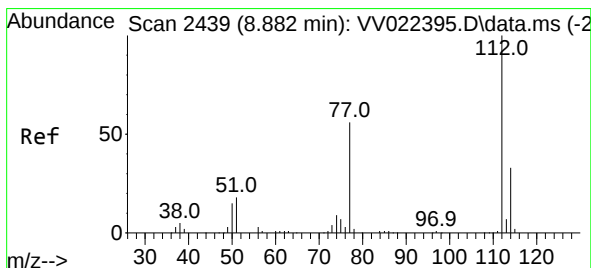
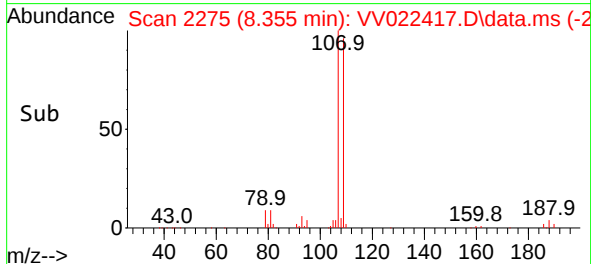
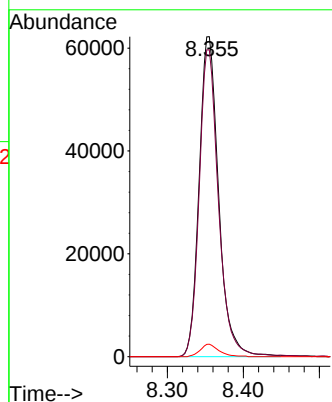
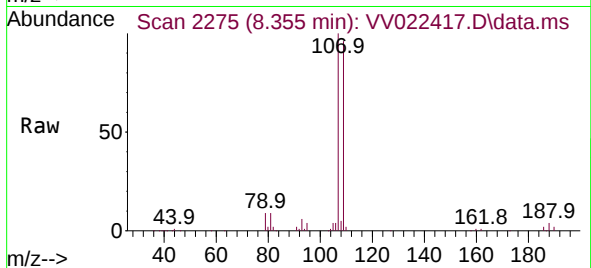




#50
1,2-Dibromoethane
Concen: 54.154 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

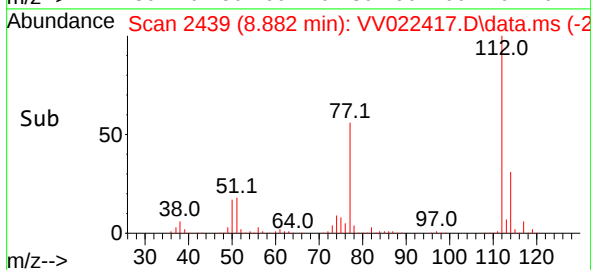
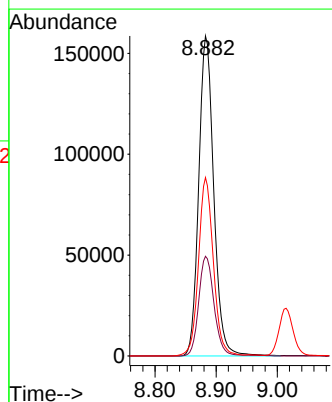
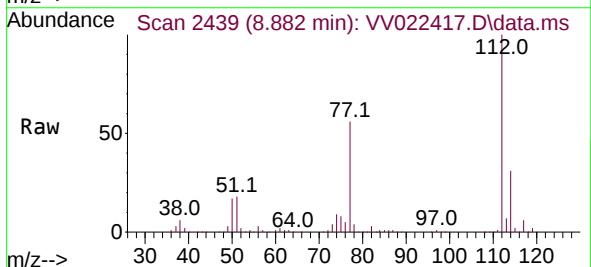
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

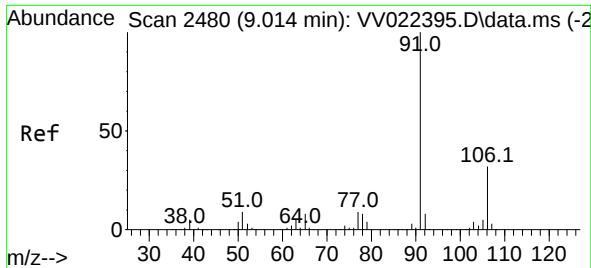
Tgt Ion:107 Resp: 110800
Ion Ratio Lower Upper
107 100
109 95.9 64.7 120.1
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 52.630 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:112 Resp: 270849
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.1
77 55.8 43.9 65.9

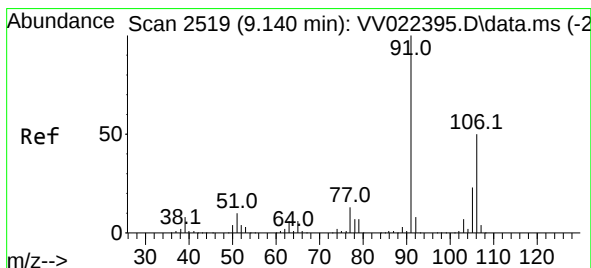
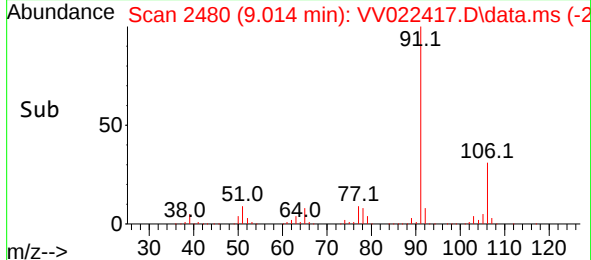
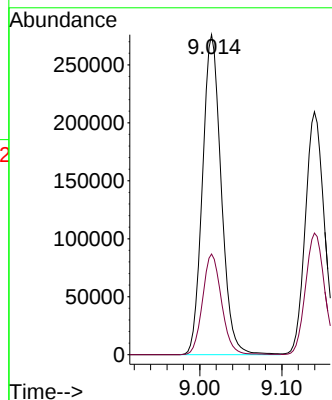
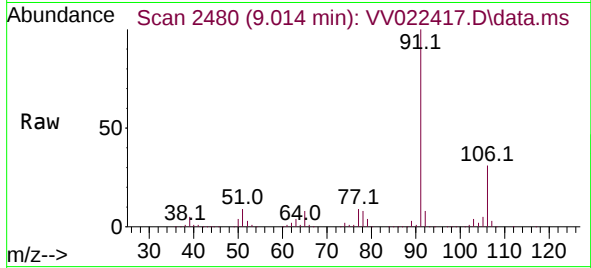




#52
Ethylbenzene
Concen: 53.459 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

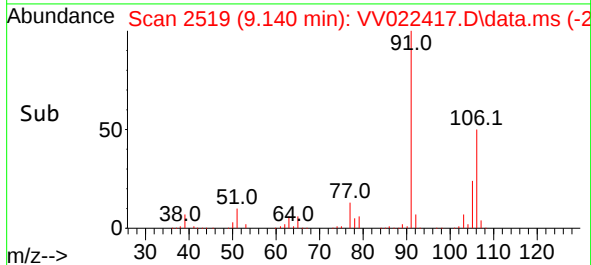
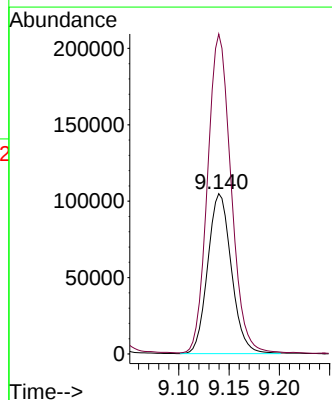
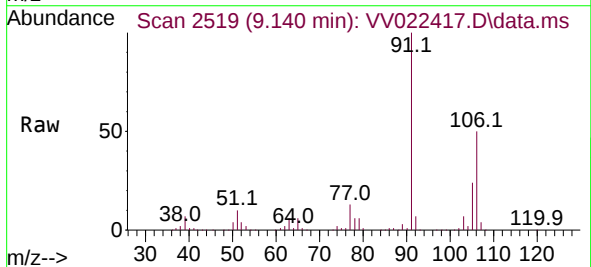
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

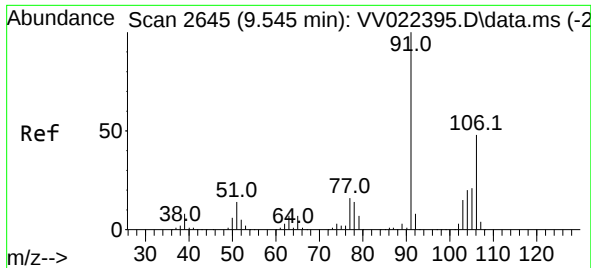
Tgt Ion: 91 Resp: 438014
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 54.288 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 106 Resp: 171300
Ion Ratio Lower Upper
106 100
91 199.6 139.2 258.6

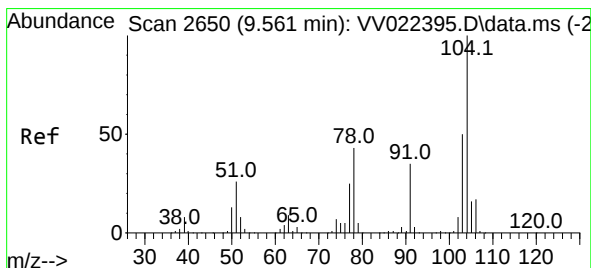
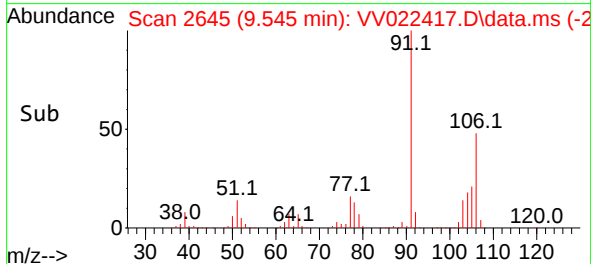
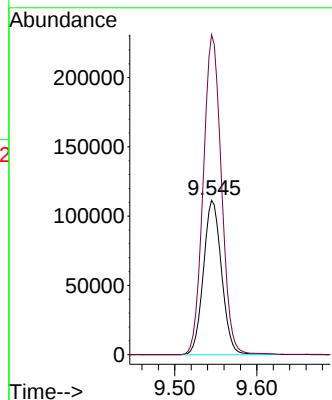
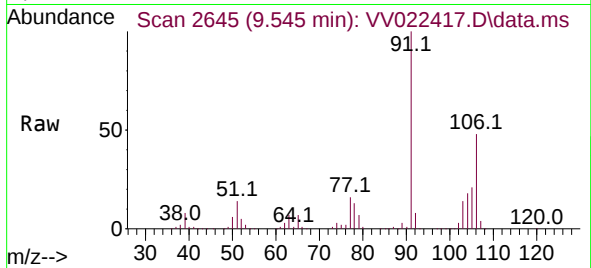




#54
o-Xylene
Concen: 55.729 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

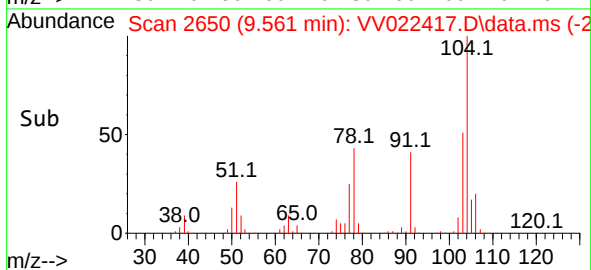
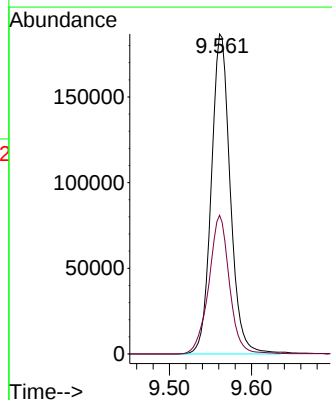
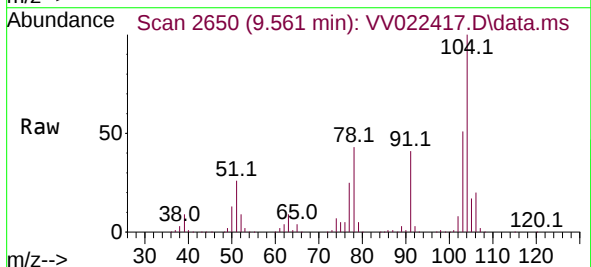
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

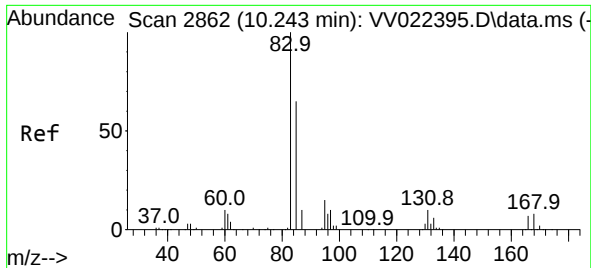
Tgt Ion:106 Resp: 170863
Ion Ratio Lower Upper
106 100
91 207.3 144.9 269.1



#55
Styrene
Concen: 56.307 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:104 Resp: 300143
Ion Ratio Lower Upper
104 100
78 43.3 28.6 53.2

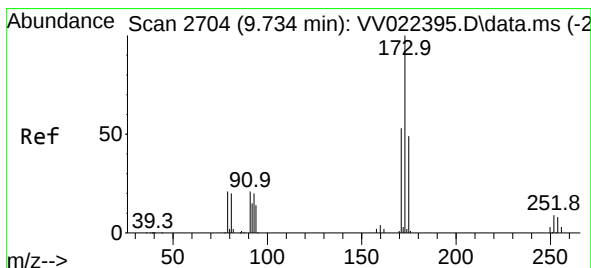
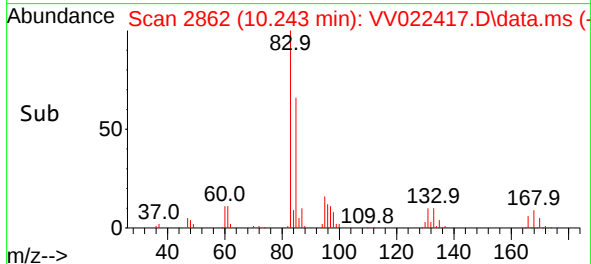
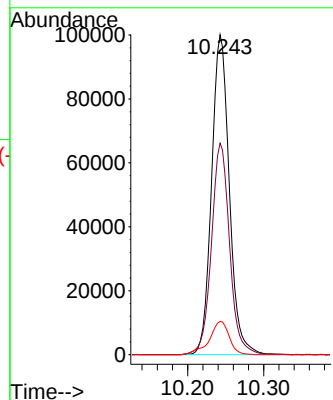
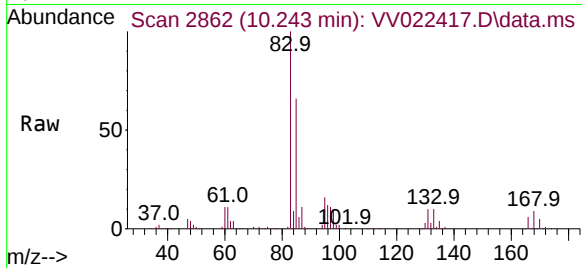




#57
1,1,2,2-Tetrachloroethane
Concen: 51.208 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

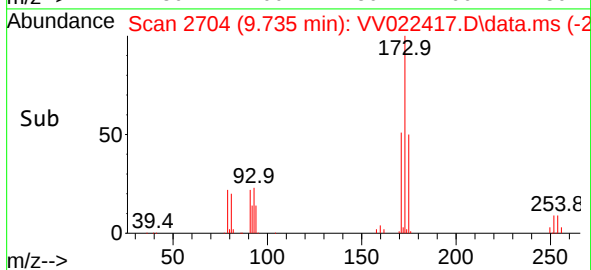
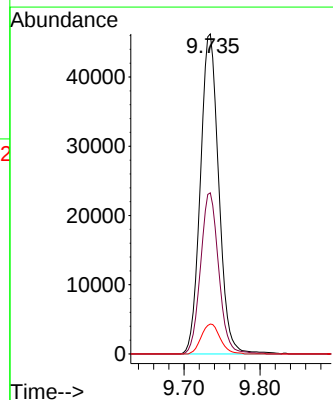
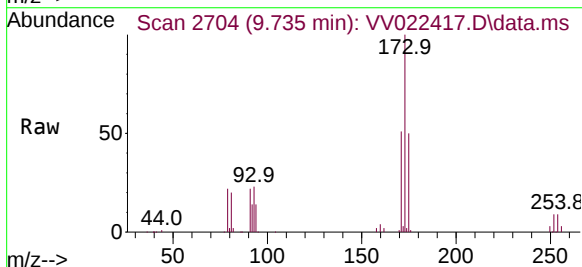
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

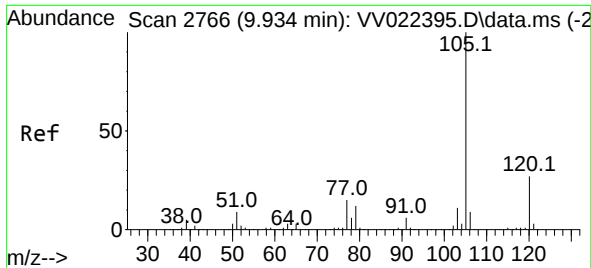
Tgt Ion:	83	Resp:	162244
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.6	82.8
131	10.4	7.8	11.8



#59
Bromoform
Concen: 53.779 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:	173	Resp:	77670
Ion	Ratio	Lower	Upper
173	100		
175	49.6	40.1	60.1
254	9.6	6.9	10.3

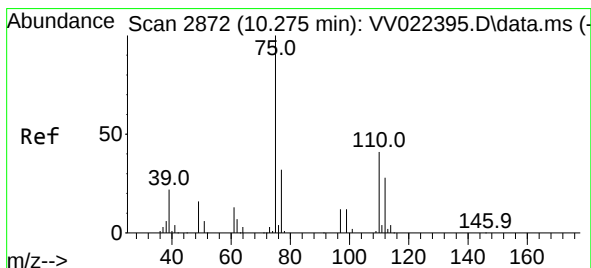
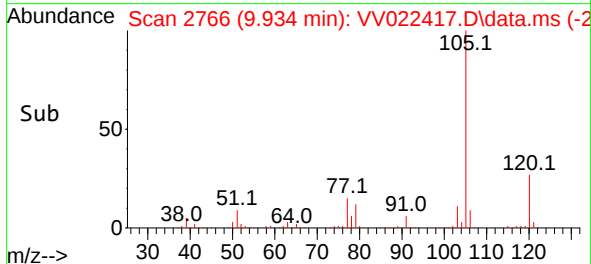
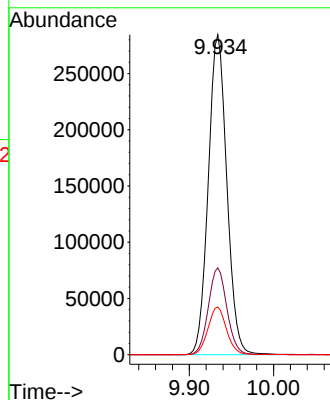
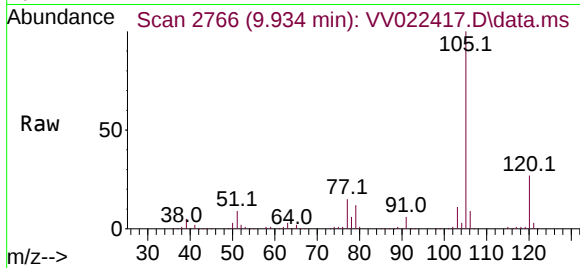




#60
Isopropylbenzene
Concen: 54.956 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

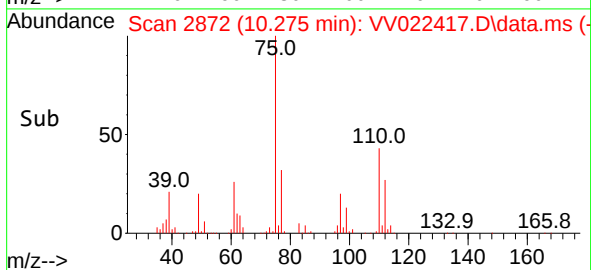
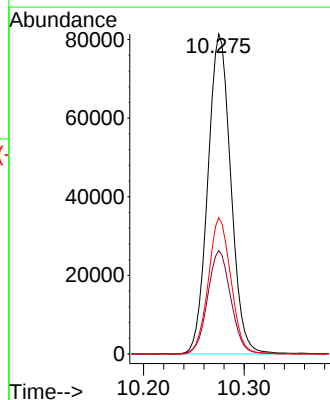
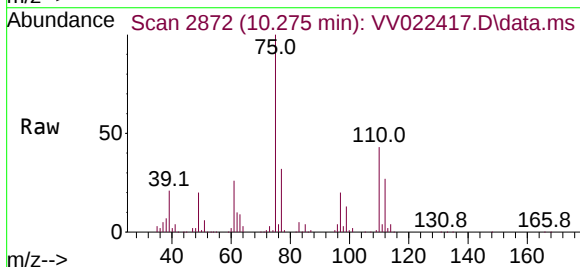
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

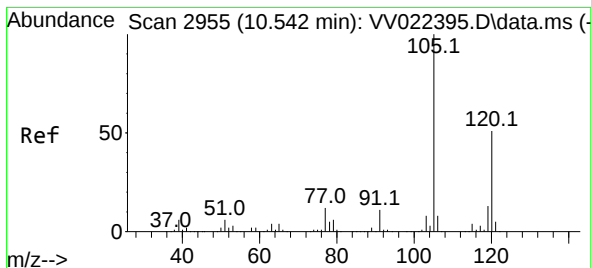
Tgt Ion:105 Resp: 435780
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.817 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 75 Resp: 129254
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 41.8 32.6 48.8

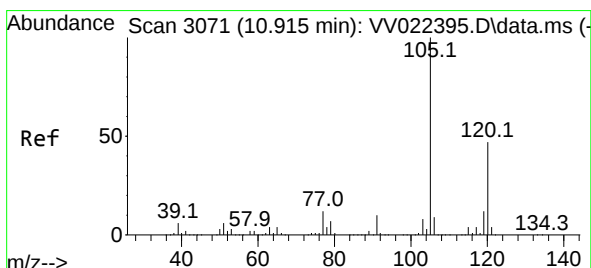
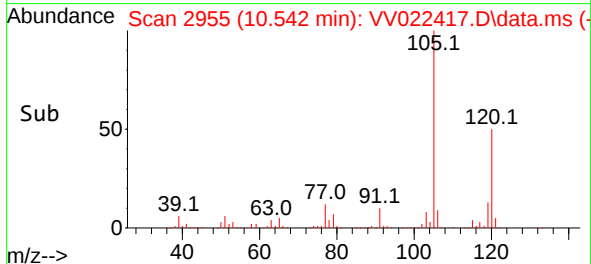
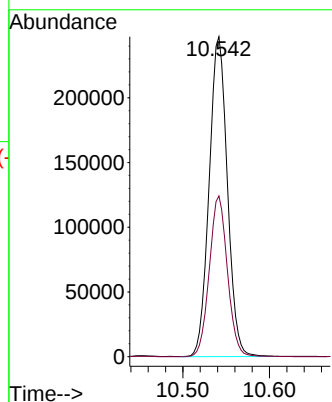
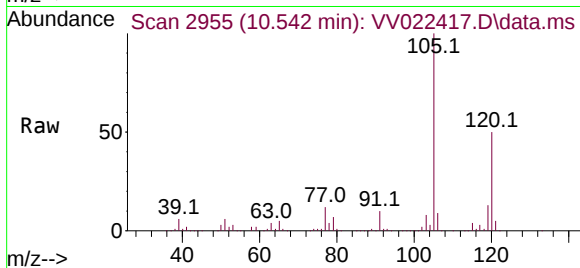




#62
1,3,5-Trimethylbenzene
Concen: 55.299 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

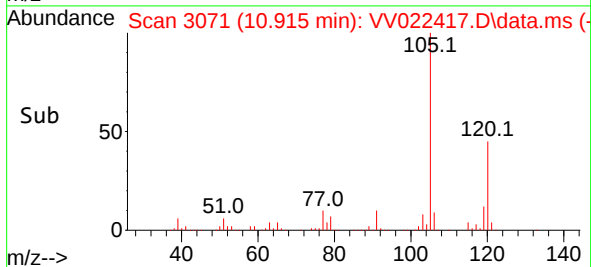
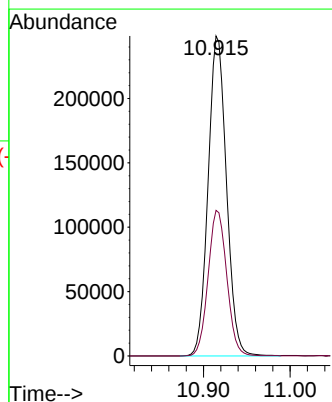
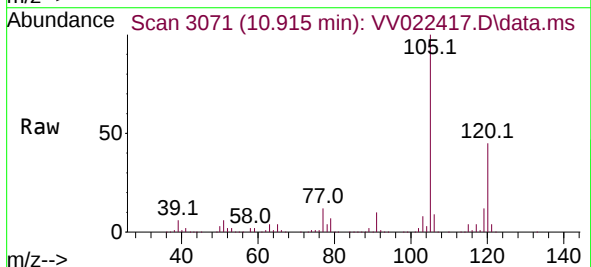
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

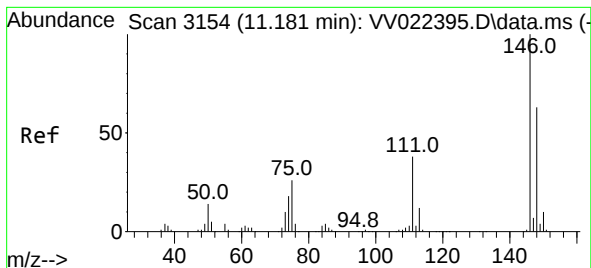
Tgt Ion:105 Resp: 361357
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 55.471 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:105 Resp: 365786
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 52.517 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

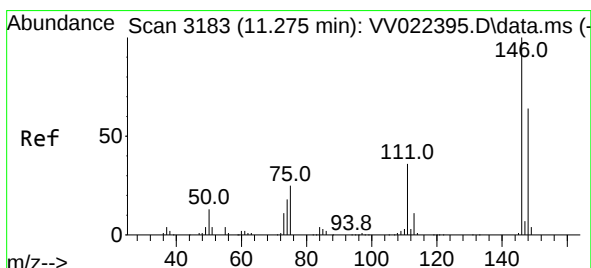
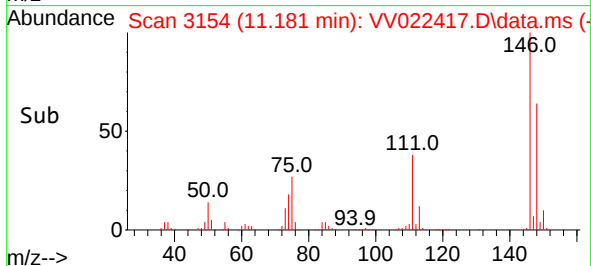
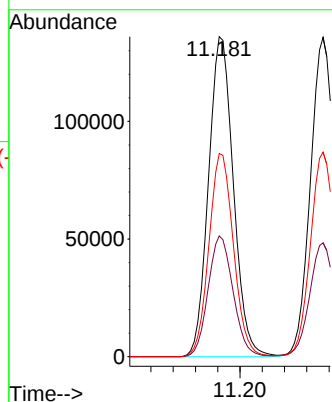
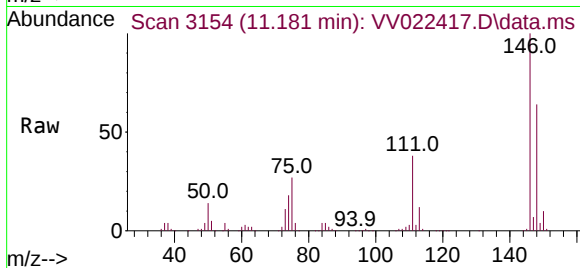
Tgt Ion:146 Resp: 211107

Ion Ratio Lower Upper

146 100

111 37.7 26.5 49.3

148 63.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 52.060 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022417.D

Acq: 30 Sep 2021 07:21

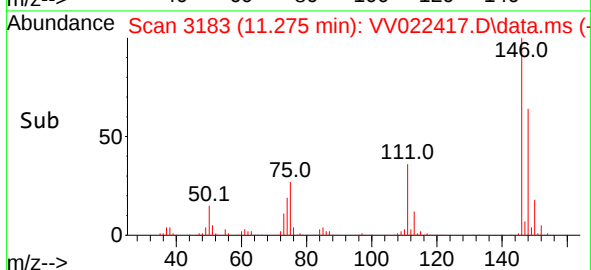
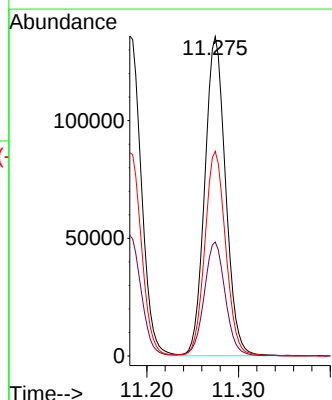
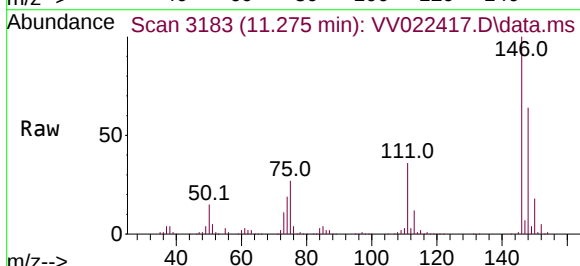
Tgt Ion:146 Resp: 213156

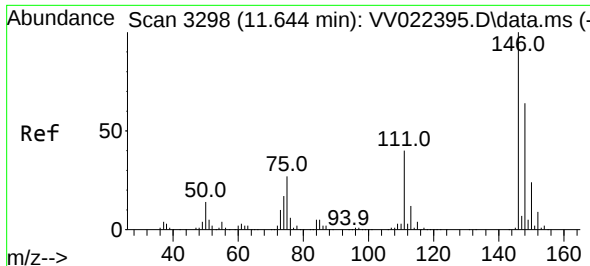
Ion Ratio Lower Upper

146 100

111 35.7 25.8 48.0

148 64.1 45.1 83.9

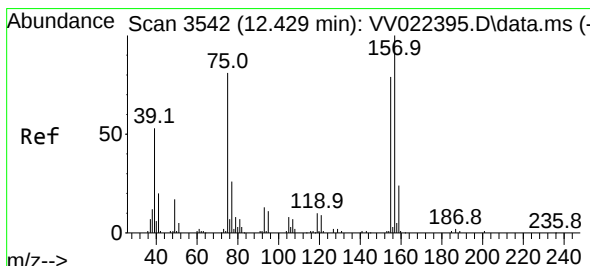
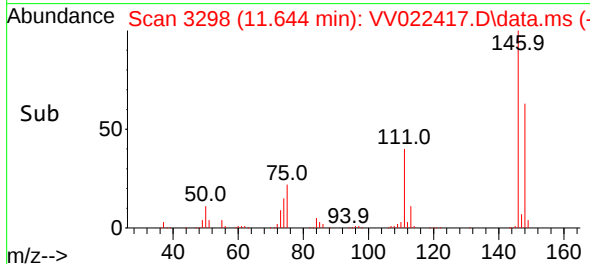
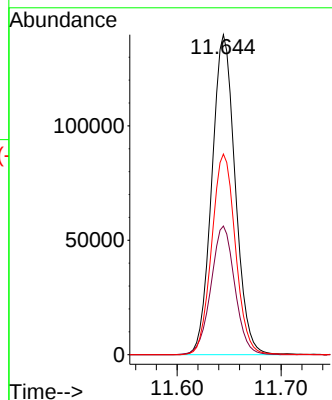
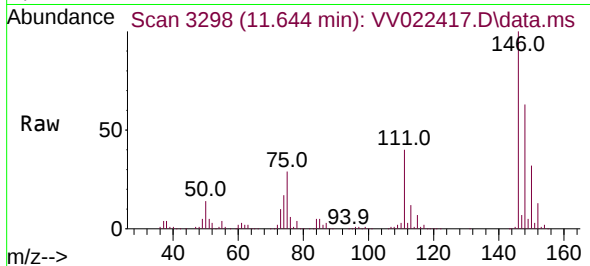




#67
1,2-Dichlorobenzene
Concen: 53.164 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

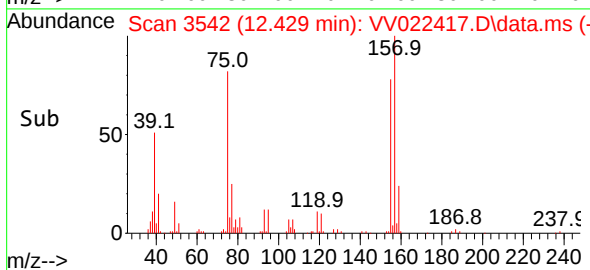
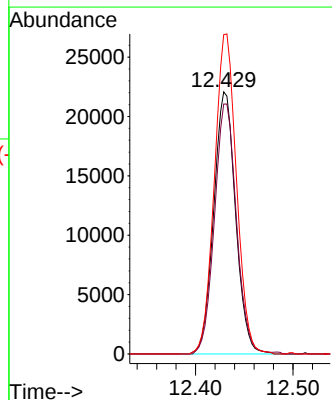
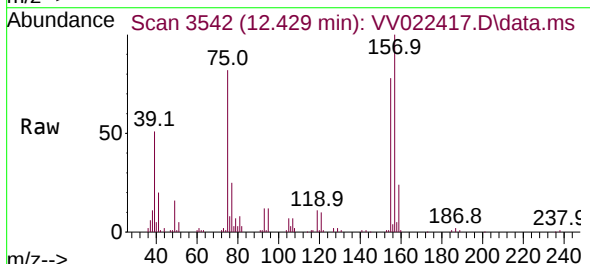
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

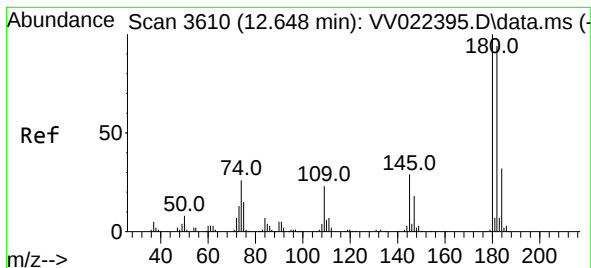
Tgt Ion:146 Resp: 218234
Ion Ratio Lower Upper
146 100
111 40.2 31.5 47.3
148 62.7 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.154 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion: 75 Resp: 34343
Ion Ratio Lower Upper
75 100
155 95.4 79.0 118.6
157 121.9 98.2 147.2

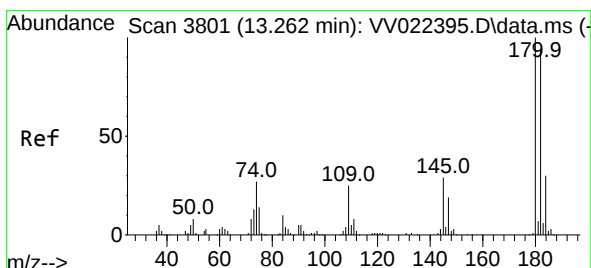
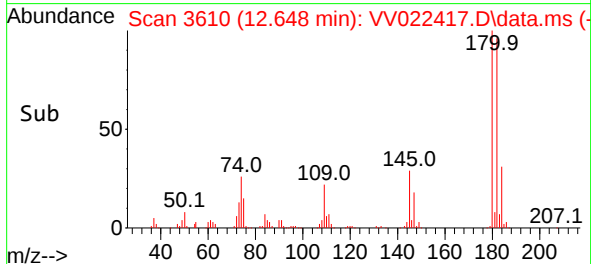
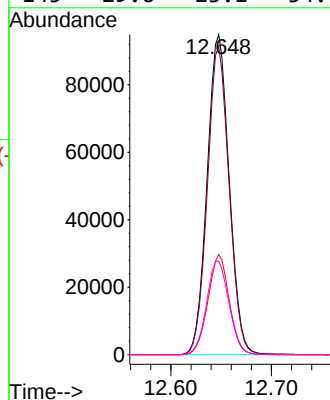
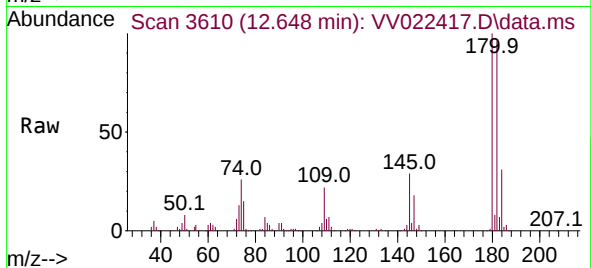




#69
1,3,5-Trichlorobenzene
Concen: 49.895 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

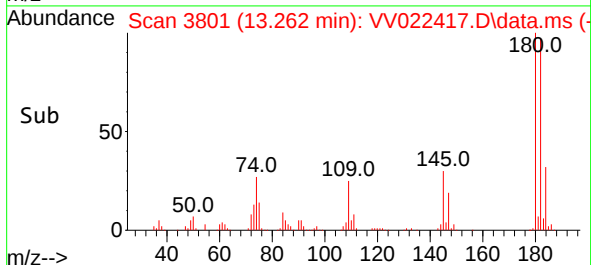
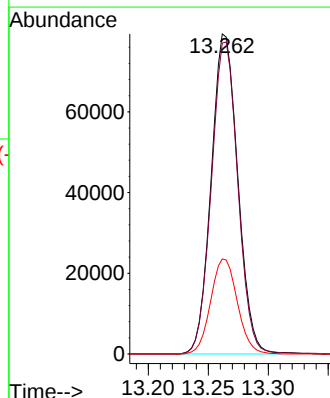
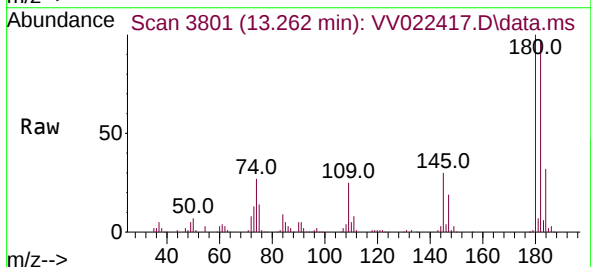
Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

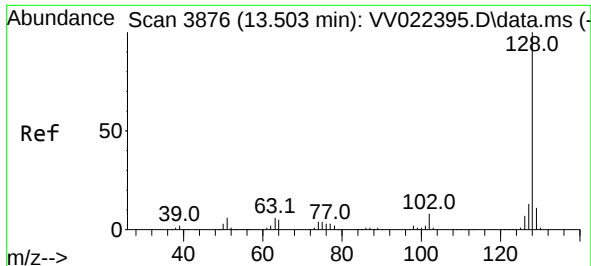
Tgt Ion:	180	Resp:	144687
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.2	112.8
184	30.2	24.2	36.2
145	29.6	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 49.832 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:	180	Resp:	122272
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.2	114.2
145	29.7	23.9	35.9

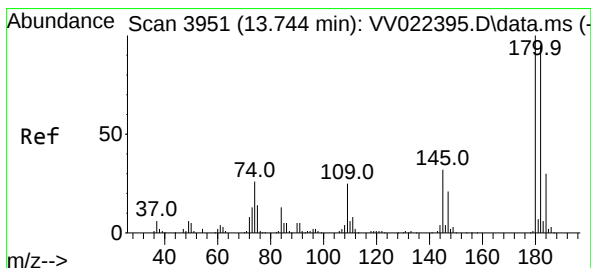
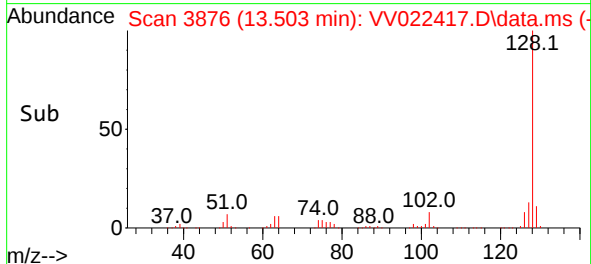
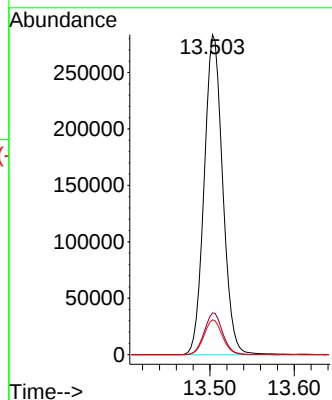
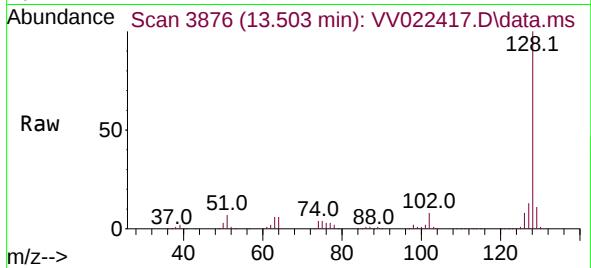




#71
Naphthalene
Concen: 57.651 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050351

Tgt Ion:128 Resp: 433421
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.435 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022417.D
Acq: 30 Sep 2021 07:21

Tgt Ion:180 Resp: 137904
Ion Ratio Lower Upper
180 100
182 94.7 76.7 115.1
145 31.6 25.6 38.4

