

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081722\
 Data File : VW027418.D
 Acq On : 17 Aug 2022 12:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Aug 18 01:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 18 01:40:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37354	2.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.568	69	35639	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.108	63	96730	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.886	46	92191	41.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	4.342	84	106873	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.030	65	54675	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	194486	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	63163	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.313	98	173891	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.622	79	22600	4.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.088	63	101708	56.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50257	5.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64400	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87671	4.918	ug/L	96
3) Chloromethane	1.240	50	72415	4.061	ug/L	99
5) Vinyl chloride	1.310	62	75567	4.543	ug/L	97
6) Bromomethane	1.519	94	31167	4.013	ug/L	97
8) Chloroethane	1.584	64	47323	5.117	ug/L	98
9) Trichlorofluoromethane	1.751	101	122220	5.503	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	70074	6.719	ug/L	94
12) 1,1-Dichloroethene	2.188	96	3397	0.314	ug/L	82
13) Acetone	2.172	43	56463	34.614	ug/L	98
14) Carbon disulfide	2.291	76	167337	3.868	ug/L	100
15) Methyl Acetate	2.433	43	20326	5.118	ug/L #	86
16) Methylene chloride	2.503	84	72864	4.200	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	116649	4.626	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	60959	4.588	ug/L	99
19) 1,1-Dichloroethane	3.185	63	123417	4.851	ug/L	99
21) 2-Butanone	3.973	43	83398	37.548	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	62289	4.767	ug/L	99
23) Bromochloromethane	4.243	128	28639	4.689	ug/L	97
25) Chloroform	4.368	83	141298	5.406	ug/L	100

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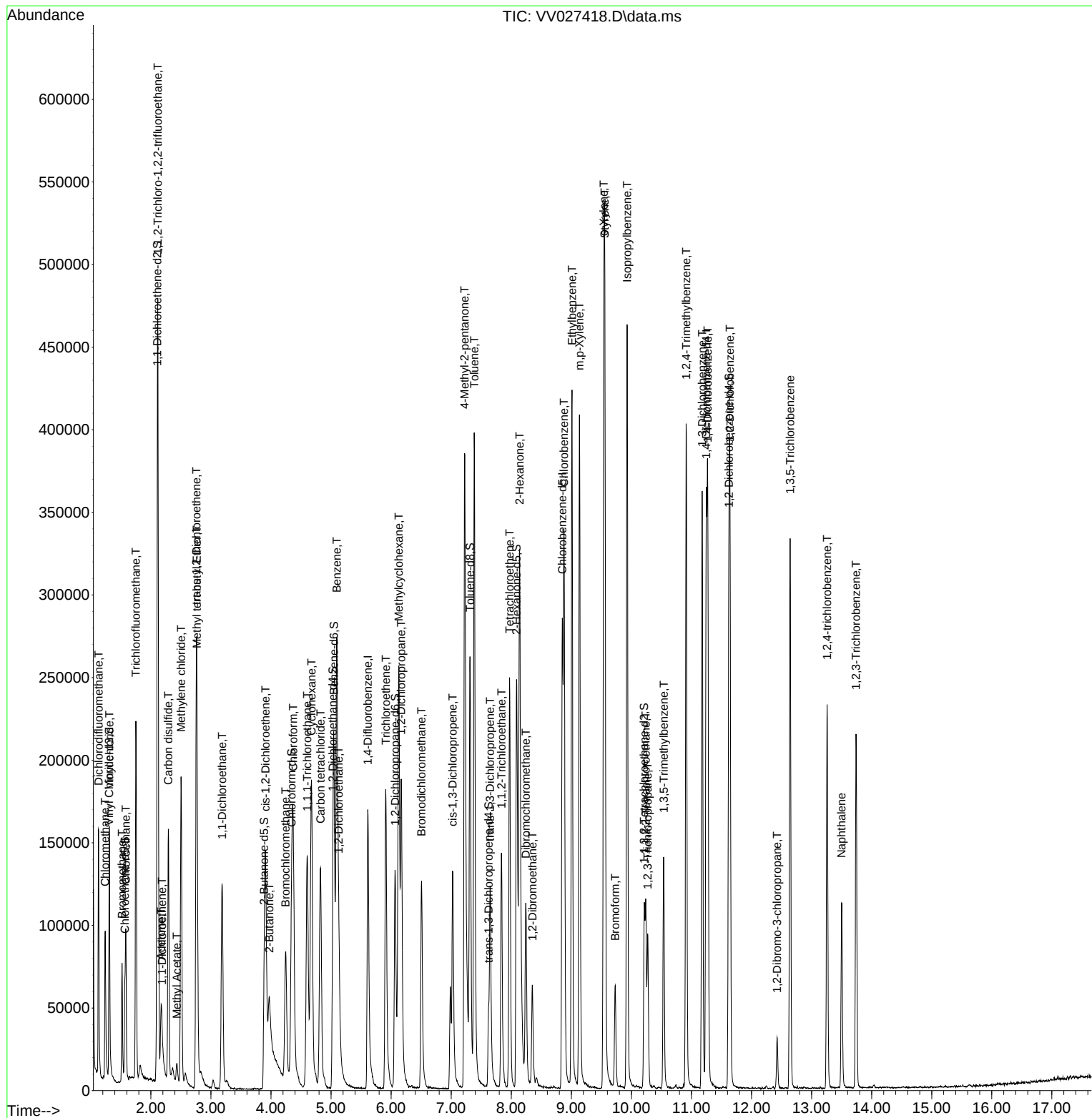
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	71340	4.775	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	119763	5.802	ug/L	98
30) Cyclohexane	4.674	56	89808	5.371	ug/L	98
31) Carbon tetrachloride	4.825	117	105582	5.878	ug/L	99
33) Benzene	5.095	78	273651	5.459	ug/L	100
34) Trichloroethene	5.911	95	66914	5.363	ug/L	98
35) Methylcyclohexane	6.127	83	97127	5.654	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70037	5.652	ug/L	99
38) Bromodichloromethane	6.506	83	90589	5.673	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	83981	5.545	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	325507	50.904	ug/L	99
42) Toluene	7.384	91	288516	5.769	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	72780	5.493	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	45440	5.144	ug/L	99
47) Tetrachloroethene	7.972	164	55884	5.703	ug/L	98
48) 2-Hexanone	8.140	43	246011	53.613	ug/L	99
49) Dibromochloromethane	8.243	129	56333	5.448	ug/L	99
50) 1,2-Dibromoethane	8.352	107	42211	5.375	ug/L	98
51) Chlorobenzene	8.879	112	177858	5.460	ug/L	98
52) Ethylbenzene	9.011	91	277997	5.532	ug/L	99
53) m,p-Xylene	9.136	106	111022	5.793	ug/L	99
54) o-Xylene	9.542	106	101985	5.440	ug/L	99
55) Styrene	9.558	104	187114	5.805	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	51292	5.209	ug/L	96
59) Bromoform	9.731	173	28337	5.128	ug/L	98
60) Isopropylbenzene	9.931	105	281296	5.450	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37137	4.706	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	72891	5.110	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	208221	5.092	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141390	5.482	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	137168	5.286	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	126275	5.258	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8046	4.880	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	97706	5.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	66976	4.819	ug/L	99
71) Naphthalene	13.500	128	87516	4.075	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60565	4.675	ug/L	97

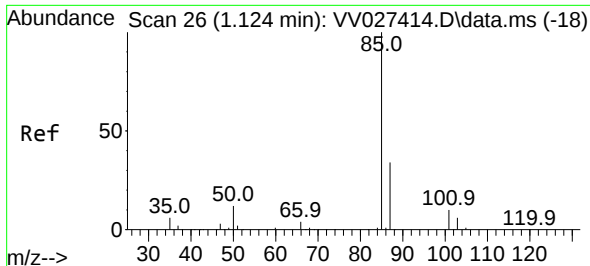
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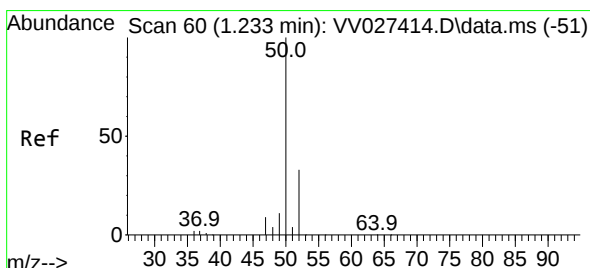
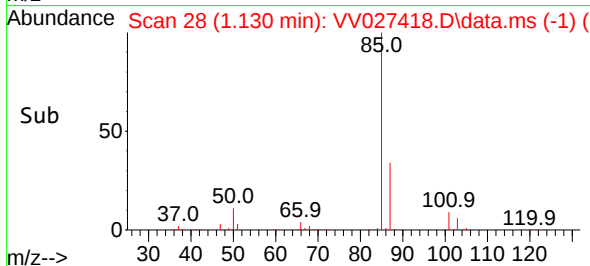
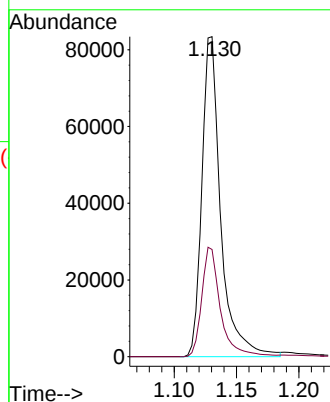
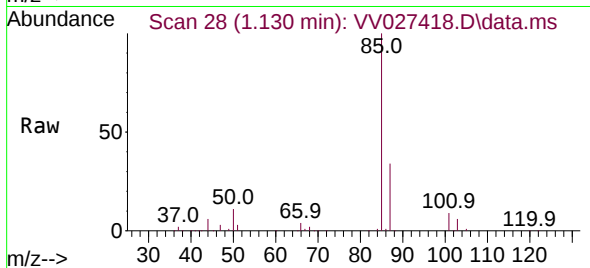




#2
 Dichlorodifluoromethane
 Concen: 4.918 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

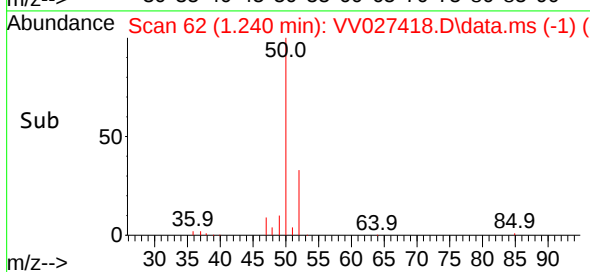
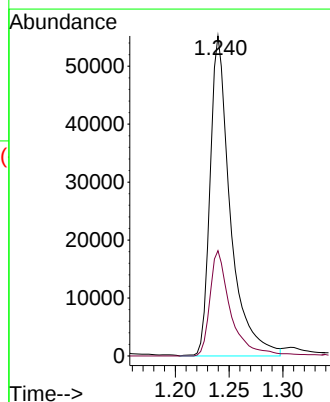
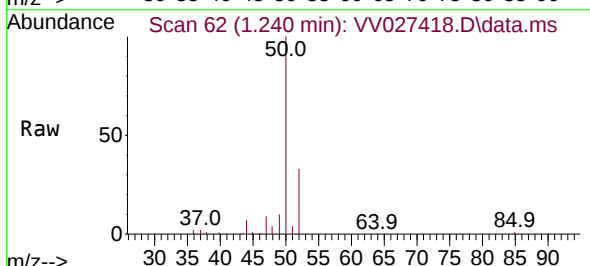
Instrument :
 MSVOA_V
 ClientSampleId :
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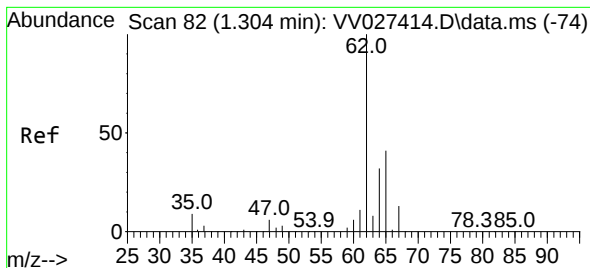
Tgt Ion: 85 Resp: 87671
 Ion Ratio Lower Upper
 85 100
 87 34.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.061 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.006 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

Tgt Ion: 50 Resp: 72415
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.543 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.006 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

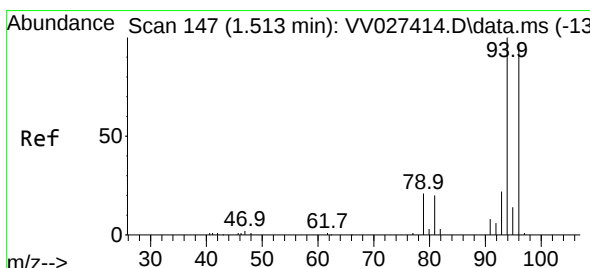
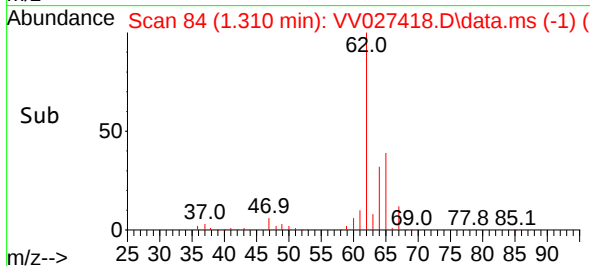
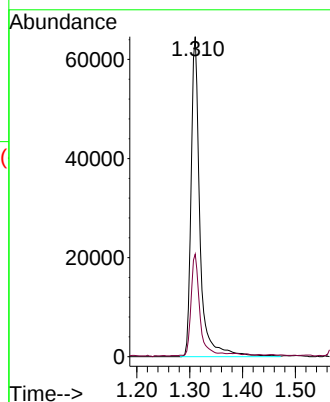
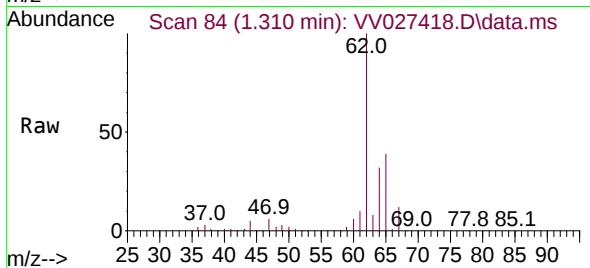
VSTD005376

Tgt Ion: 62 Resp: 75567

Ion Ratio Lower Upper

62 100

64 32.1 23.7 44.1



#6

Bromomethane

Concen: 4.013 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.006 min

Lab File: VV027418.D

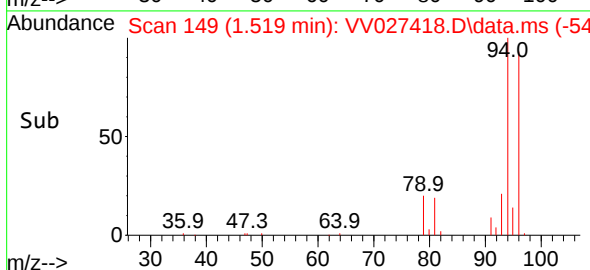
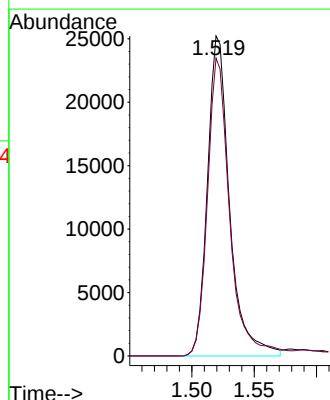
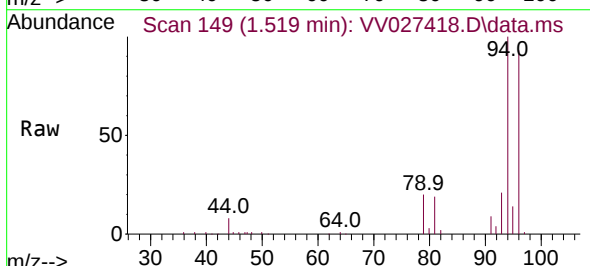
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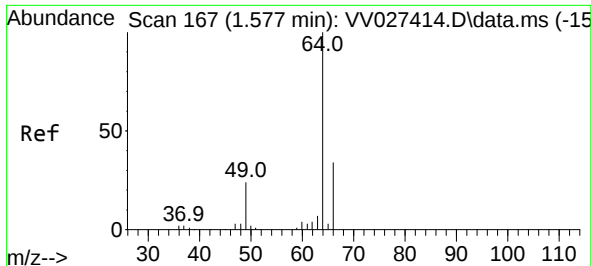
Tgt Ion: 94 Resp: 31167

Ion Ratio Lower Upper

94 100

96 93.1 67.2 124.8

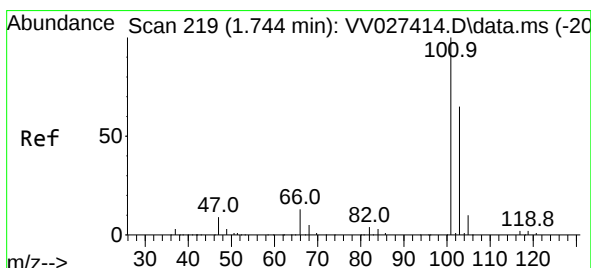
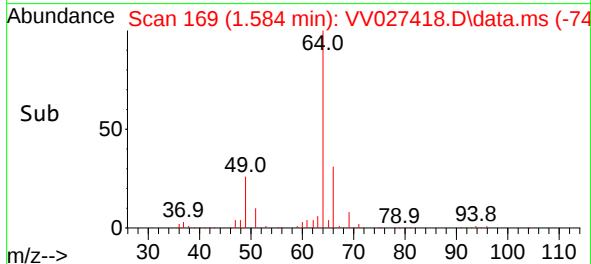
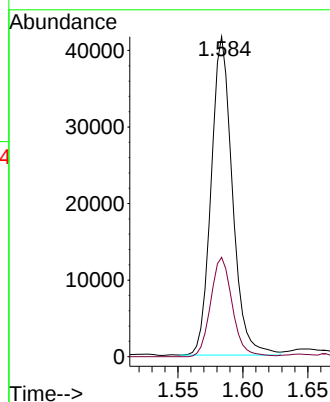
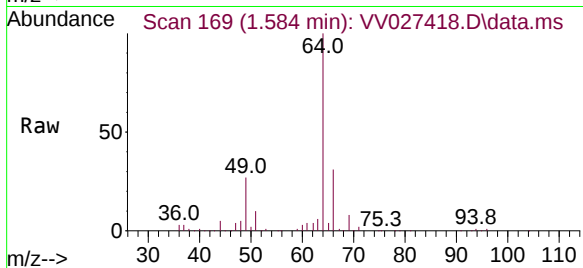




#8
Chloroethane
Concen: 5.117 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

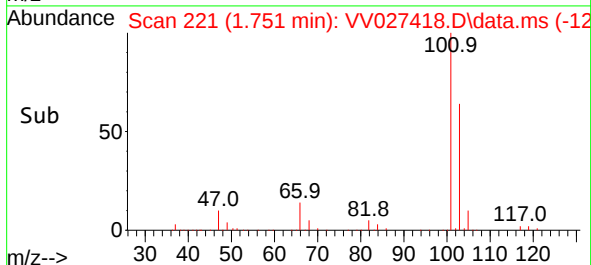
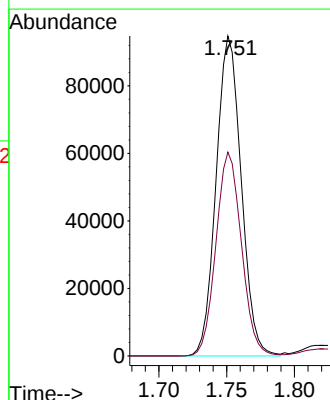
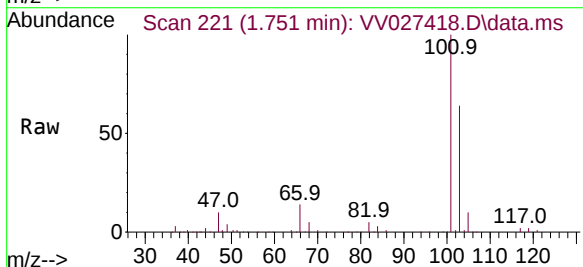
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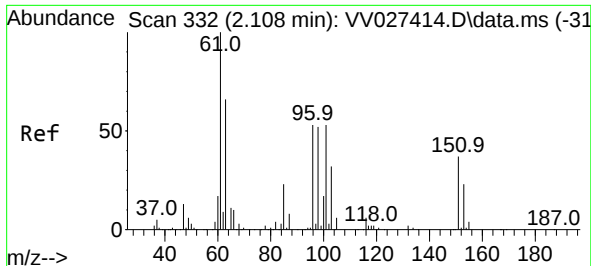
Tgt Ion: 64 Resp: 47323
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.503 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:101 Resp: 122220
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

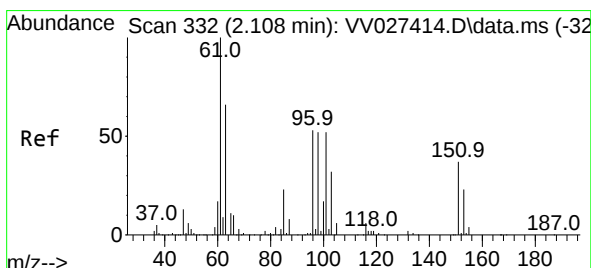
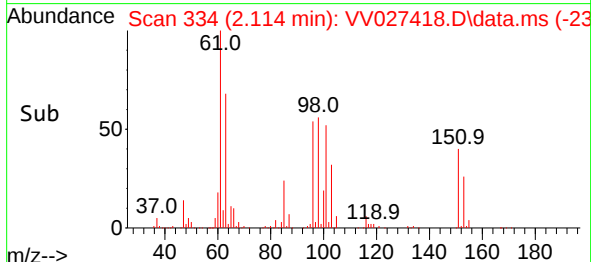
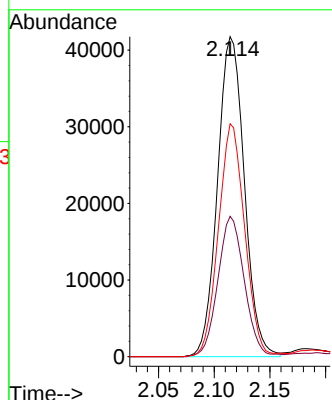
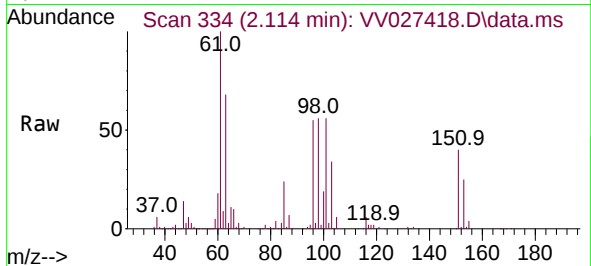




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.719 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

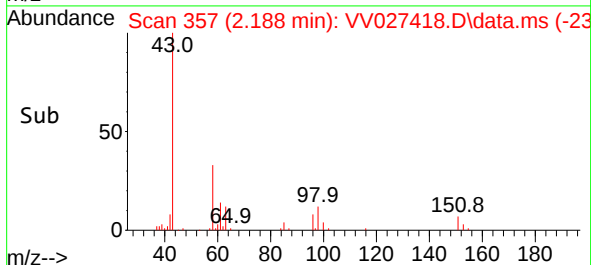
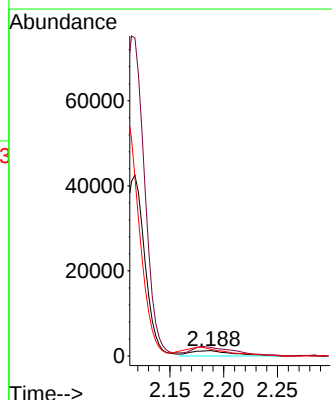
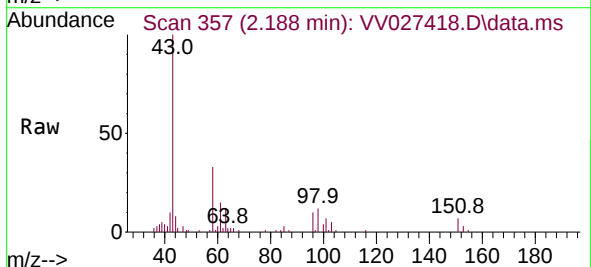
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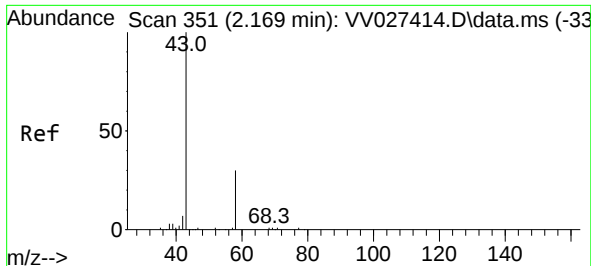
Tgt Ion:101 Resp: 70074
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.2 54.4
 151 71.4 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 0.314 ug/L
 RT: 2.188 min Scan# 357
 Delta R.T. 0.080 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

Tgt Ion: 96 Resp: 3397
 Ion Ratio Lower Upper
 96 100
 61 159.4 130.7 242.7
 63 122.3 101.4 188.2





#13

Acetone

Concen: 34.614 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

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ClientSampleId :

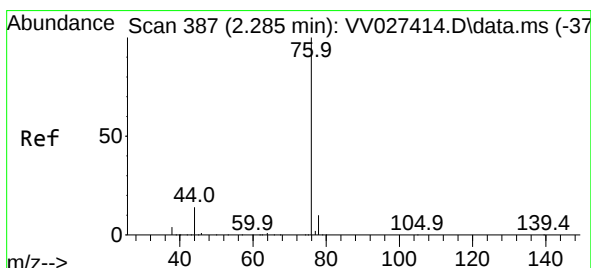
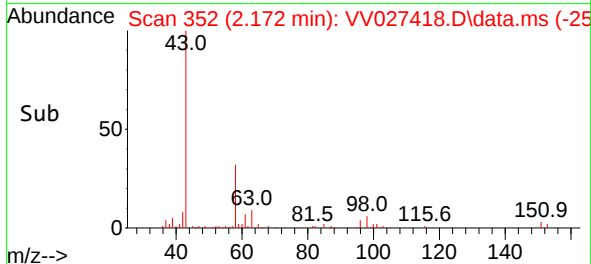
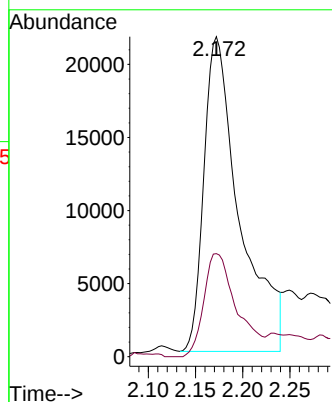
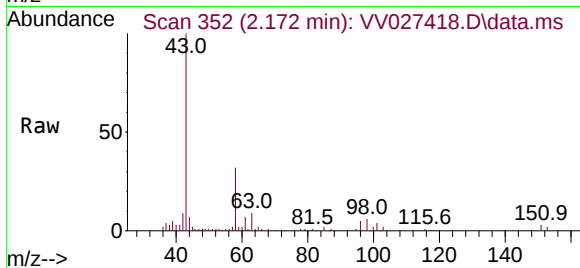
VSTD005376

Tgt Ion: 43 Resp: 56463

Ion Ratio Lower Upper

43 100

58 30.6 0.0 63.2



#14

Carbon disulfide

Concen: 3.868 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

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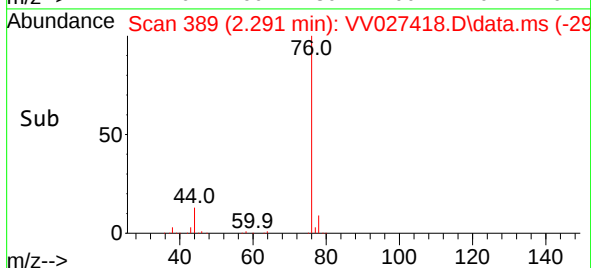
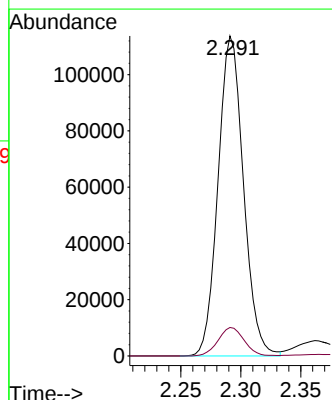
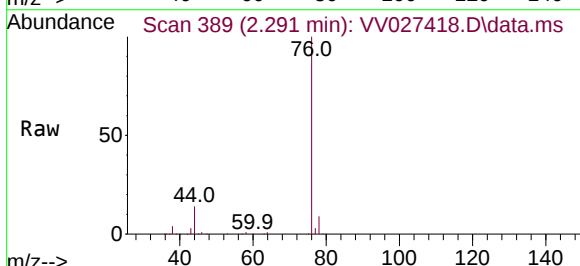
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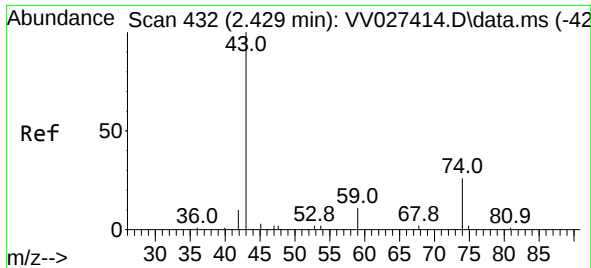
Tgt Ion: 76 Resp: 167337

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

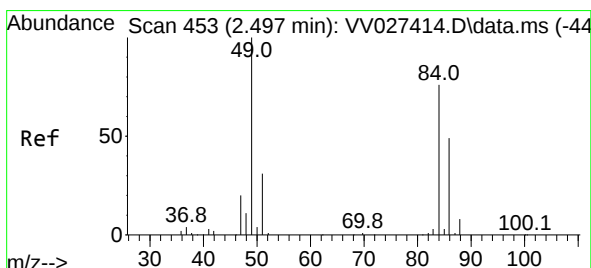
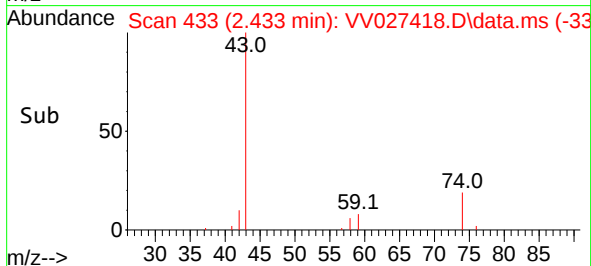
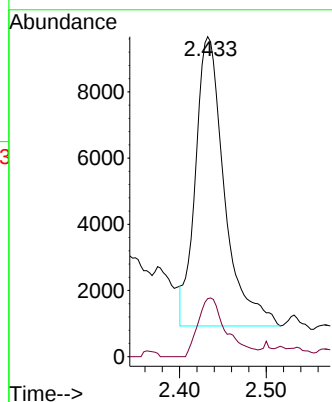
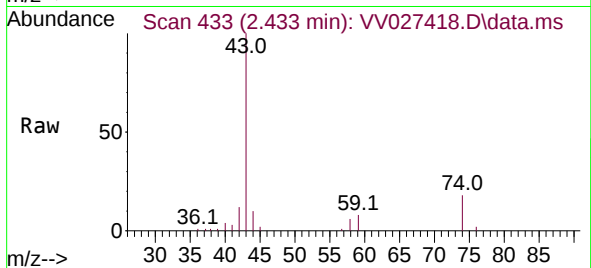




#15
Methyl Acetate
Concen: 5.118 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

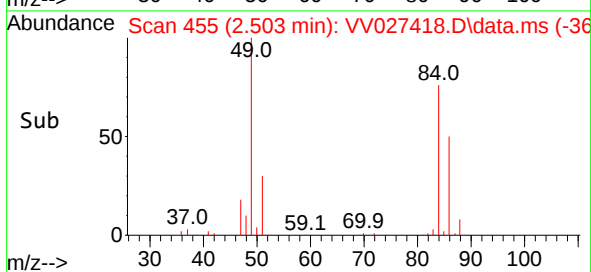
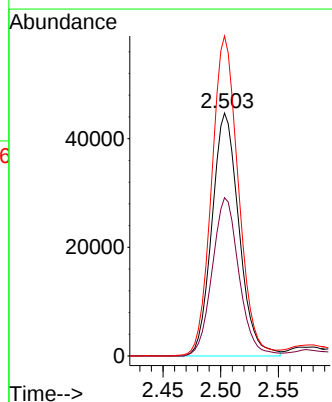
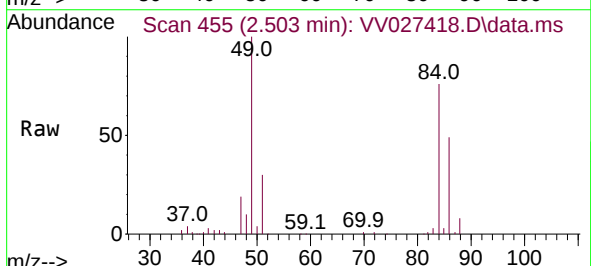
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

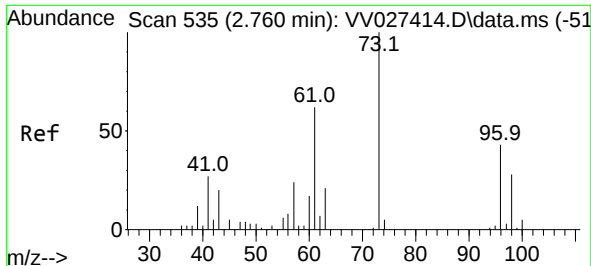
Tgt Ion: 43 Resp: 20326
Ion Ratio Lower Upper
43 100
74 20.0 21.8 32.8#



#16
Methylene chloride
Concen: 4.200 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 84 Resp: 72864
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.9
49 131.7 91.2 169.4

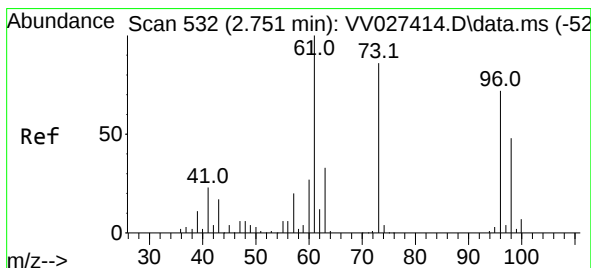
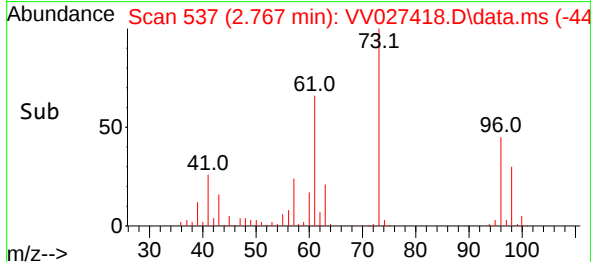
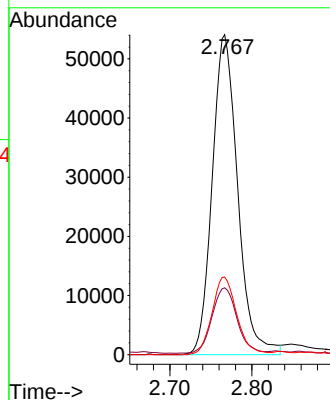
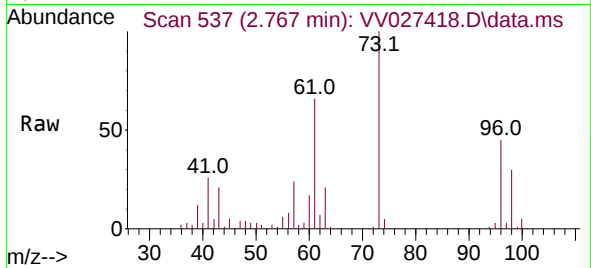




#17
Methyl tert-butyl Ether
Concen: 4.626 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

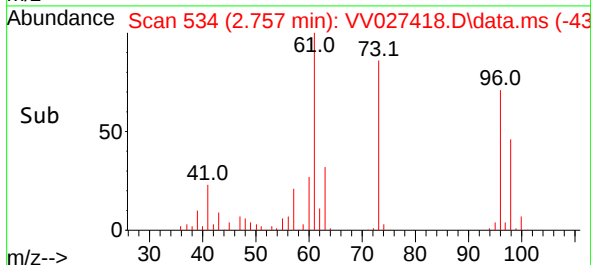
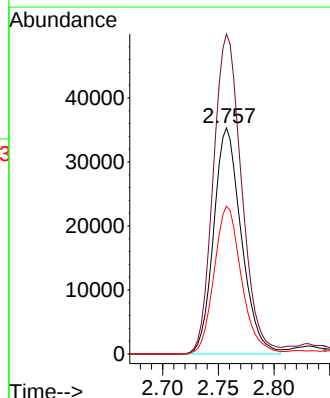
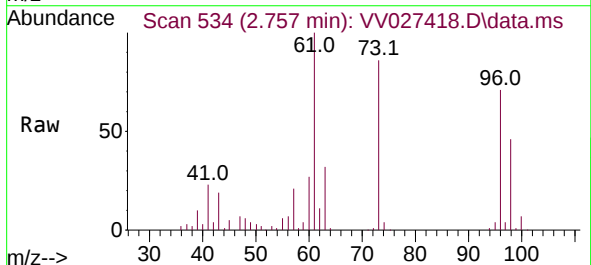
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

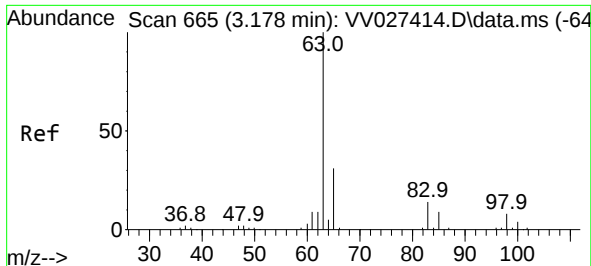
Tgt Ion: 73 Resp: 116649
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.8
57 23.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.588 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 96 Resp: 60959
Ion Ratio Lower Upper
96 100
61 141.6 99.6 185.0
98 65.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.851 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

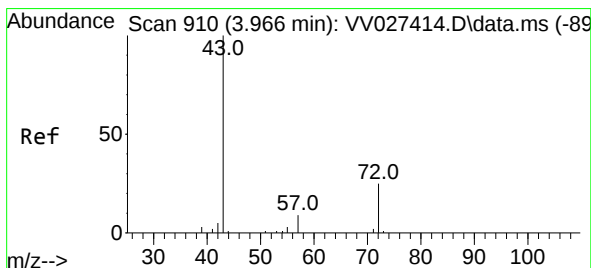
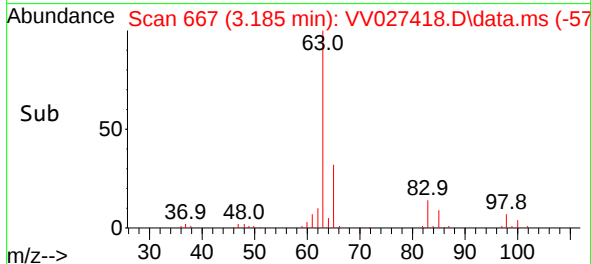
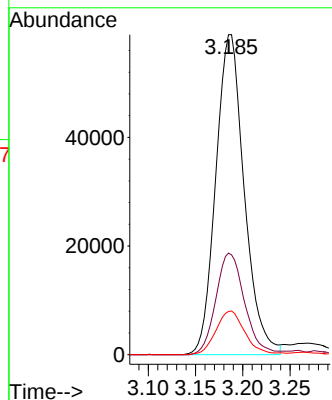
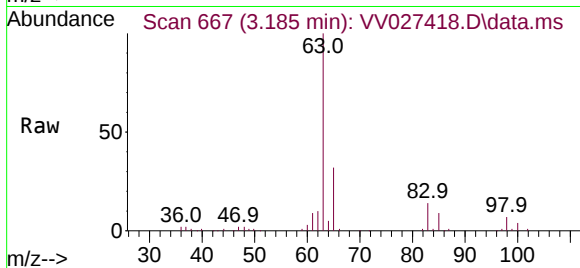
Tgt Ion: 63 Resp: 123417

Ion Ratio Lower Upper

63 100

65 31.7 21.6 40.2

83 13.5 9.3 17.3



#21

2-Butanone

Concen: 37.548 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.006 min

Lab File: VV027418.D

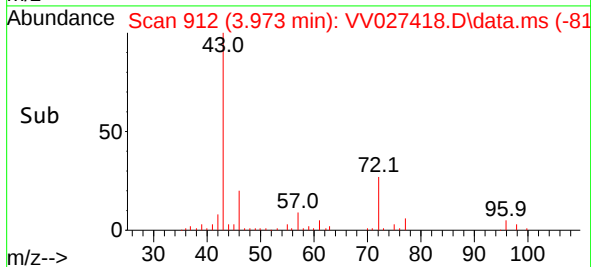
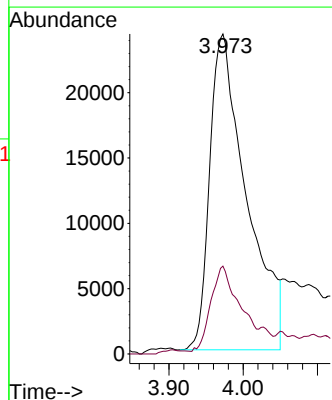
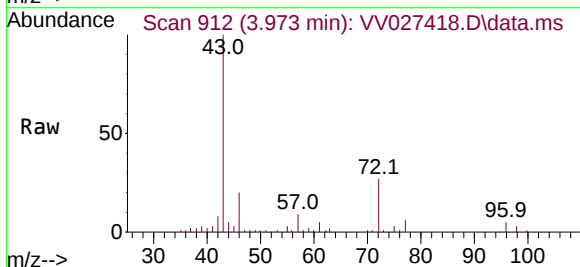
Acq: 17 Aug 2022 12:56

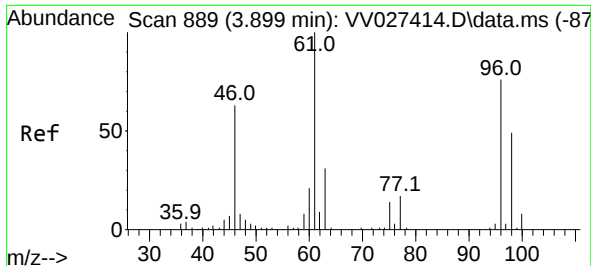
Tgt Ion: 43 Resp: 83398

Ion Ratio Lower Upper

43 100

72 21.3 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.767 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

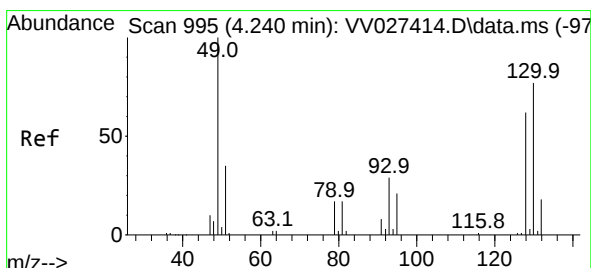
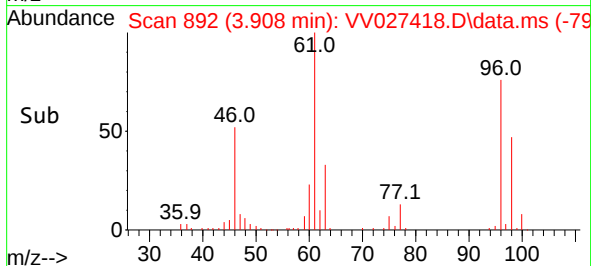
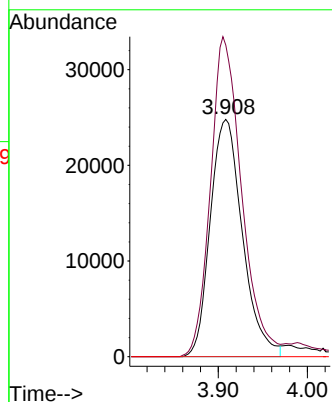
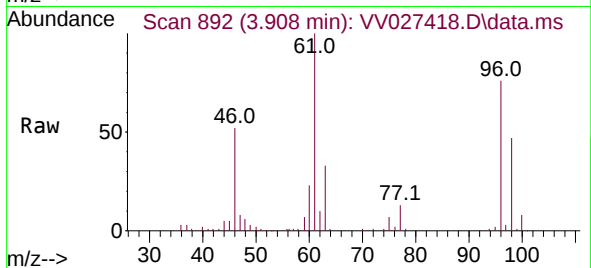
Tgt Ion: 96 Resp: 62289

Ion Ratio Lower Upper

96 100

61 131.2 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.689 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Tgt Ion:128 Resp: 28639

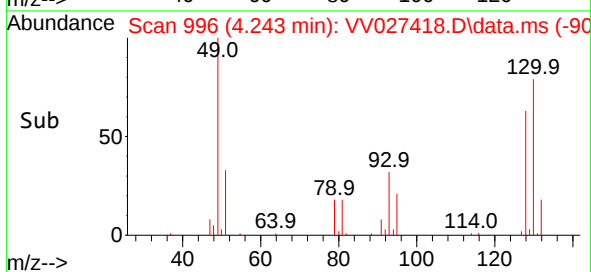
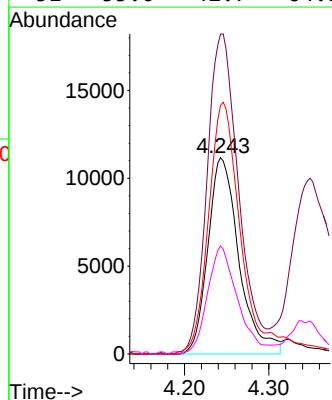
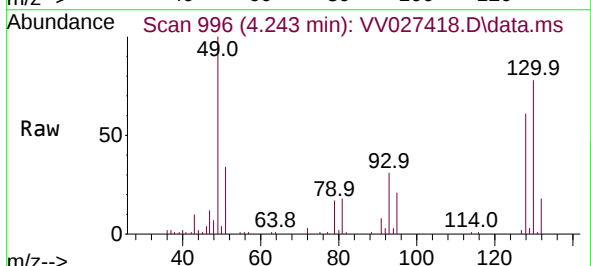
Ion Ratio Lower Upper

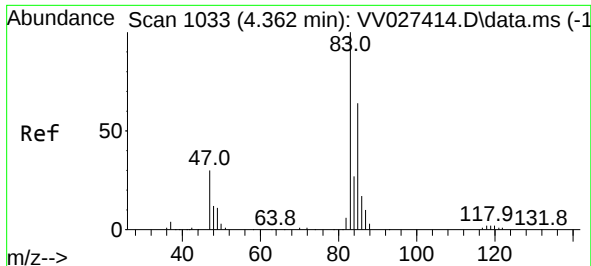
128 100

49 162.9 118.5 220.1

130 126.5 90.3 167.7

51 55.0 42.7 64.1

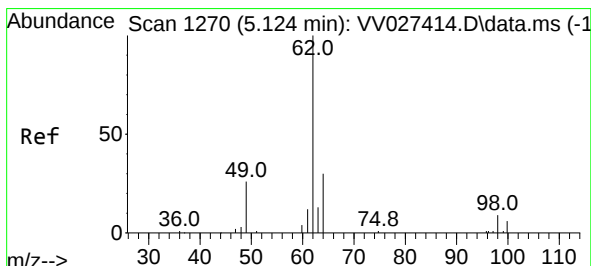
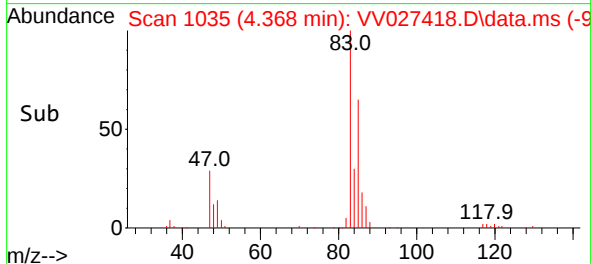
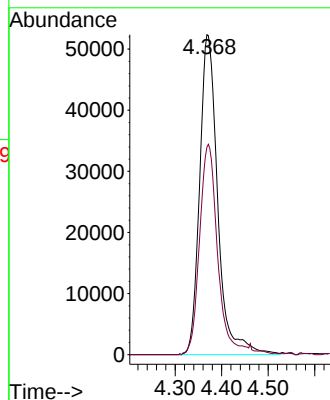
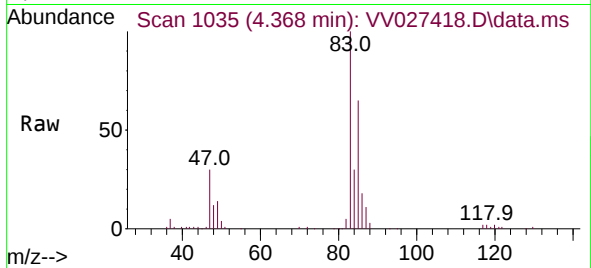




#25
Chloroform
Concen: 5.406 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

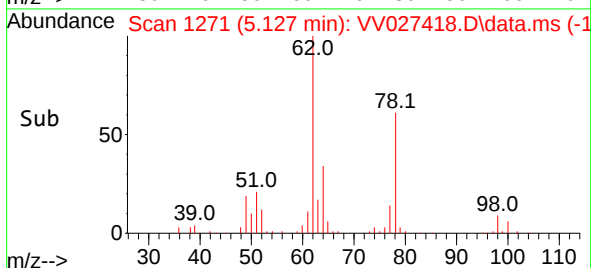
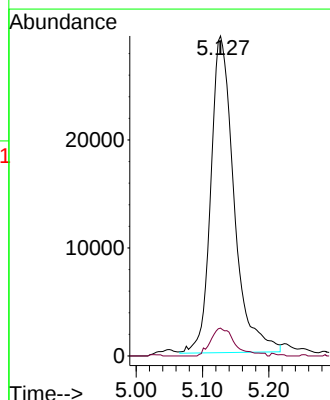
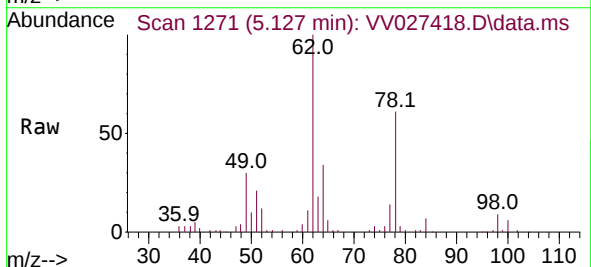
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

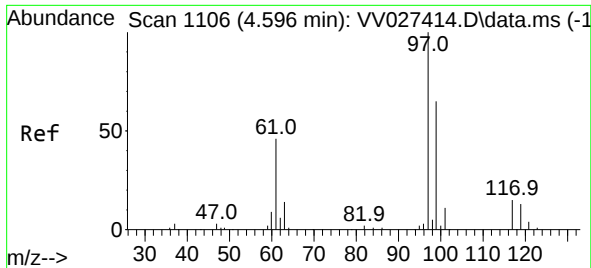
Tgt Ion: 83 Resp: 141298
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.775 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 62 Resp: 71340
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.802 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

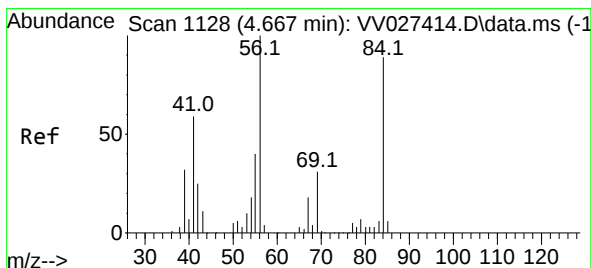
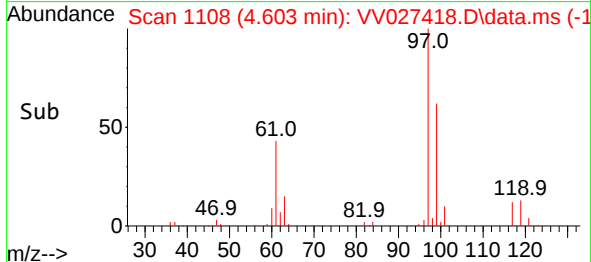
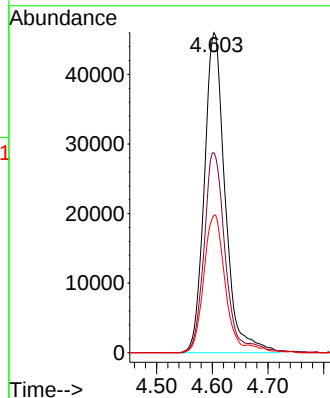
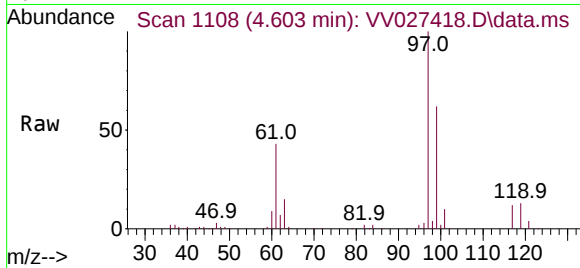
Tgt Ion: 97 Resp: 119763

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 43.2 36.5 54.7



#30

Cyclohexane

Concen: 5.371 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

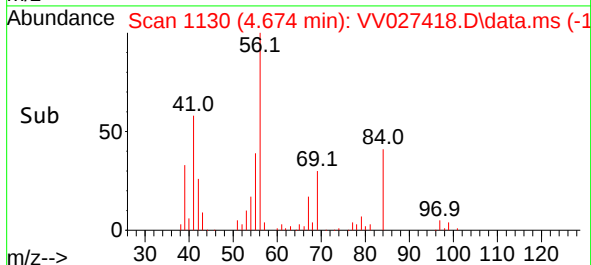
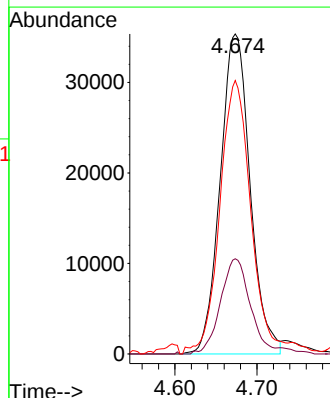
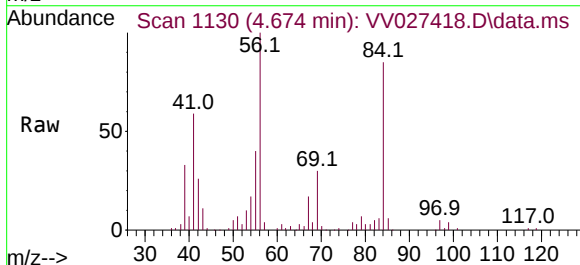
Tgt Ion: 56 Resp: 89808

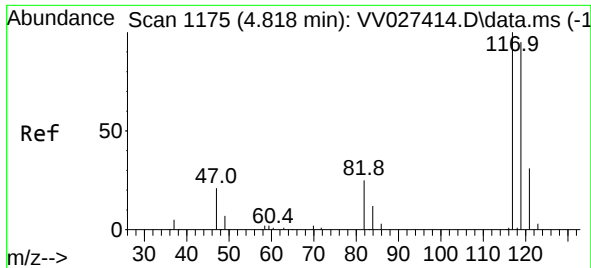
Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 88.3 69.1 103.7

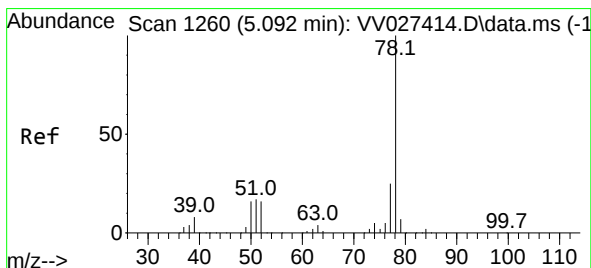
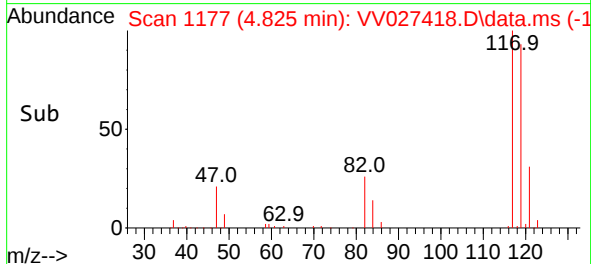
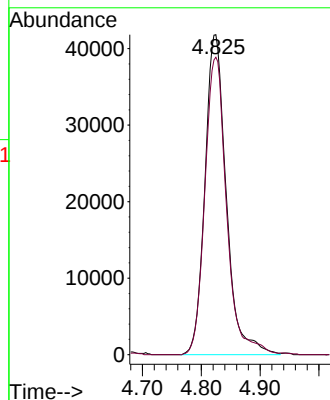
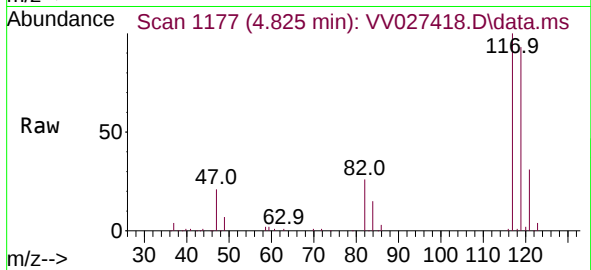




#31
Carbon tetrachloride
Concen: 5.878 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

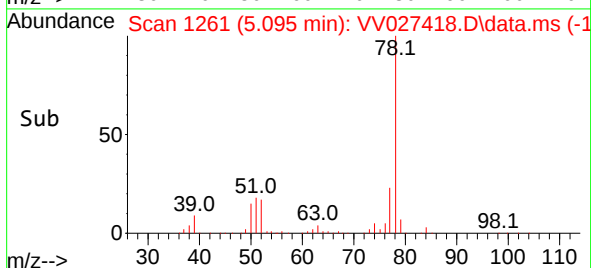
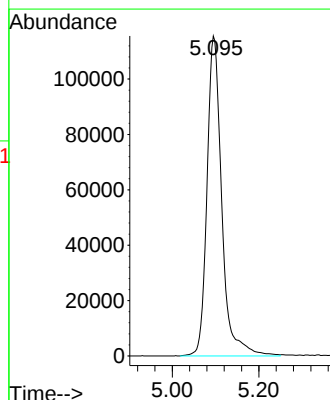
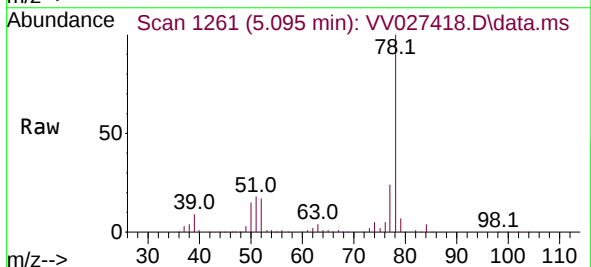
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

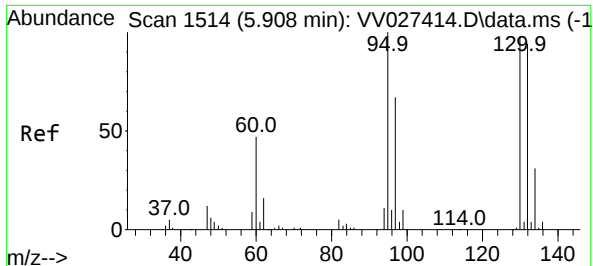
Tgt Ion:117 Resp: 105582
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0



#33
Benzene
Concen: 5.459 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 78 Resp: 273651





#34

Trichloroethene

Concen: 5.363 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

Tgt Ion: 95 Resp: 66914

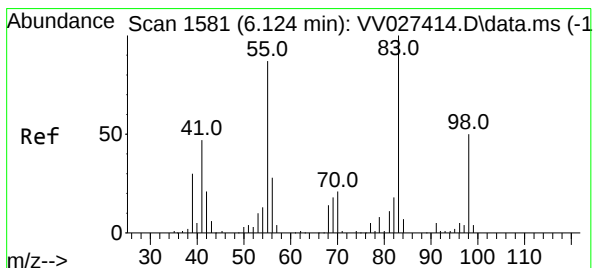
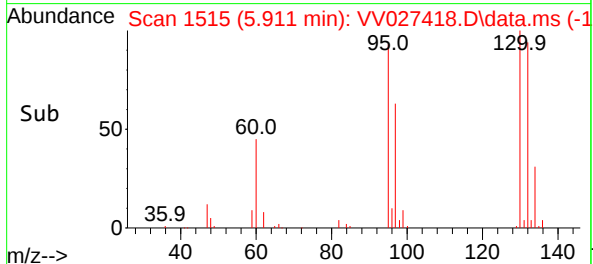
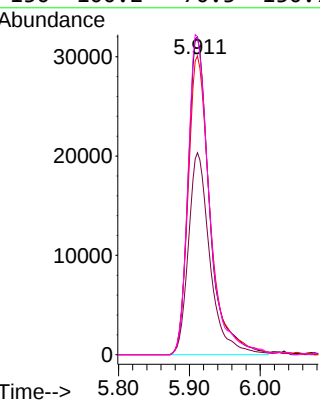
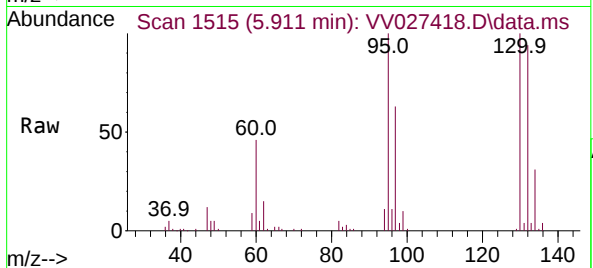
Ion Ratio Lower Upper

95 100

97 63.6 45.5 84.5

132 94.0 68.2 126.6

130 100.2 70.3 130.7



#35

Methylcyclohexane

Concen: 5.654 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

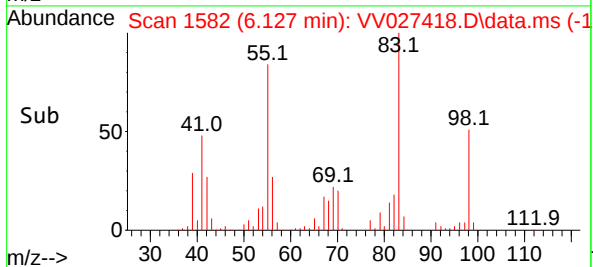
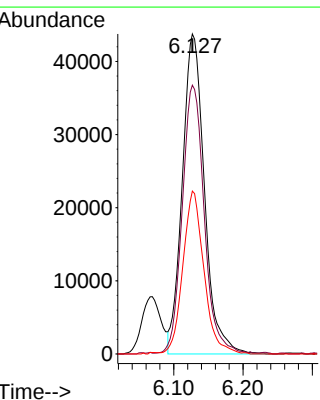
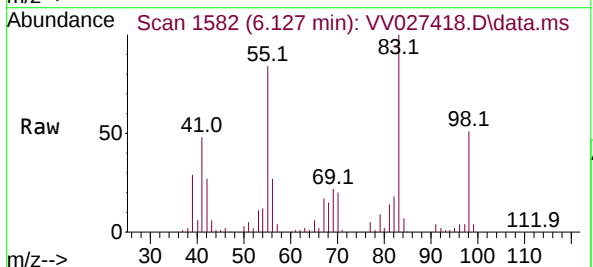
Tgt Ion: 83 Resp: 97127

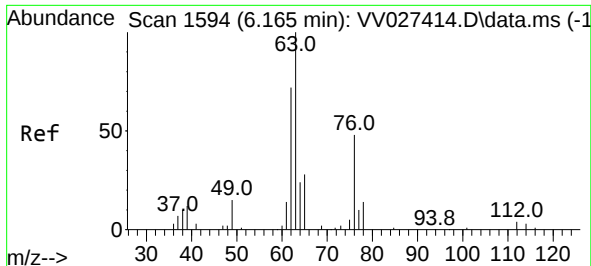
Ion Ratio Lower Upper

83 100

55 82.9 67.0 100.6

98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.652 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

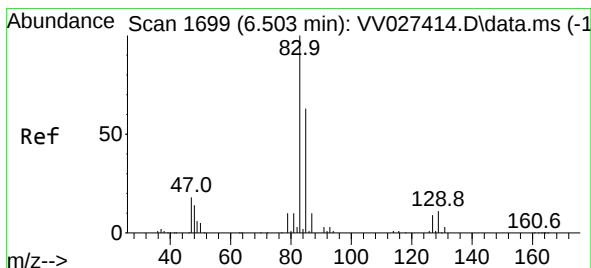
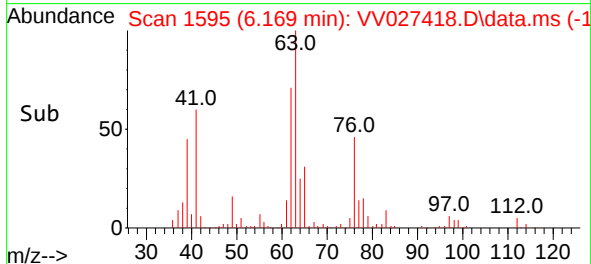
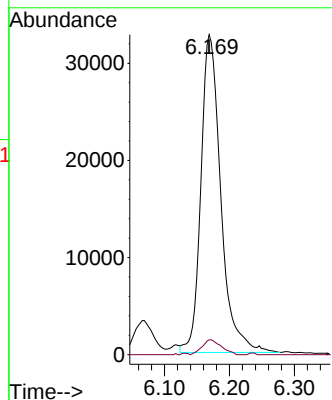
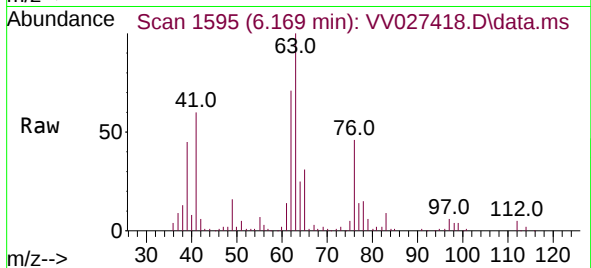
VSTD005376

Tgt Ion: 63 Resp: 70037

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 5.673 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

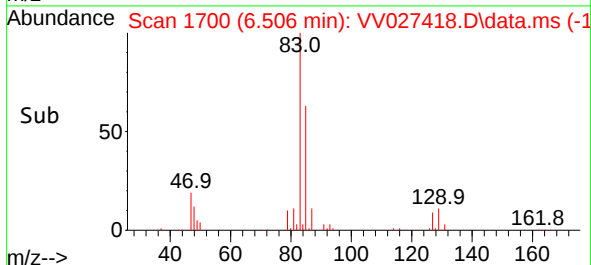
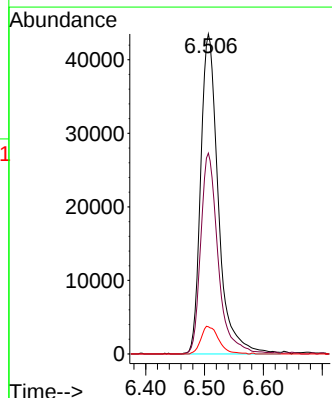
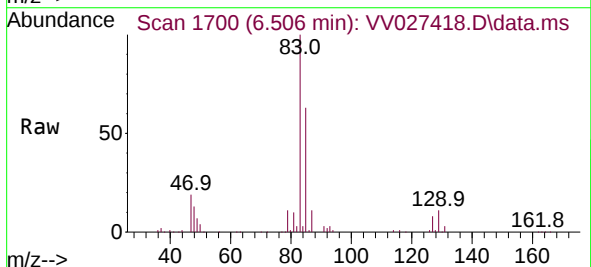
Tgt Ion: 83 Resp: 90589

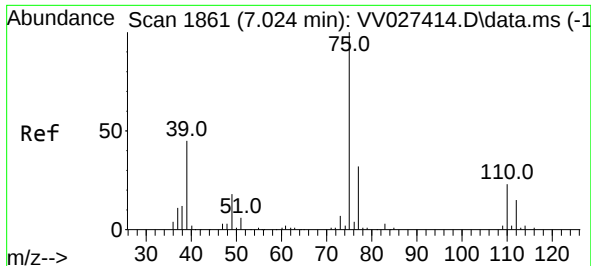
Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.4

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.545 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

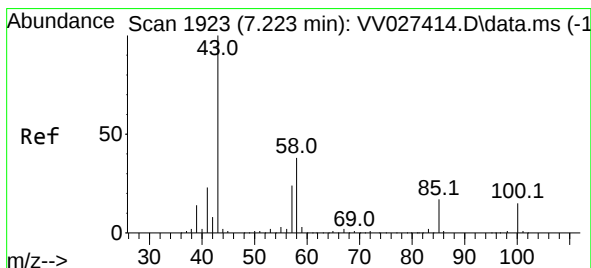
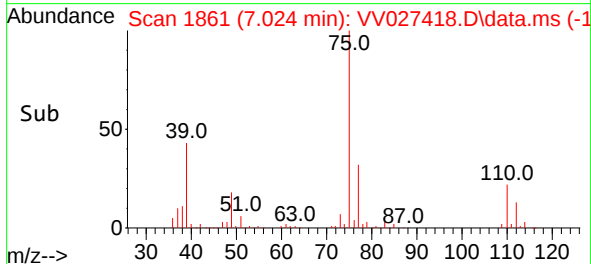
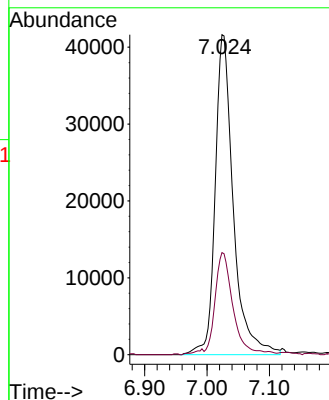
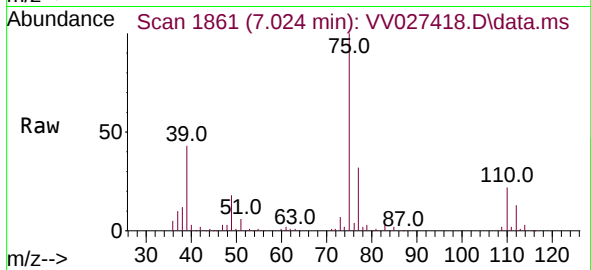
VSTD005376

Tgt Ion: 75 Resp: 83981

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.904 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

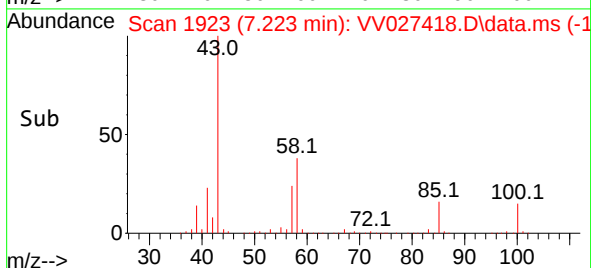
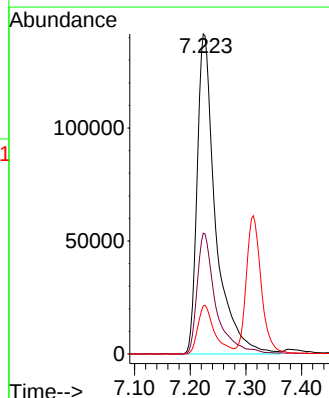
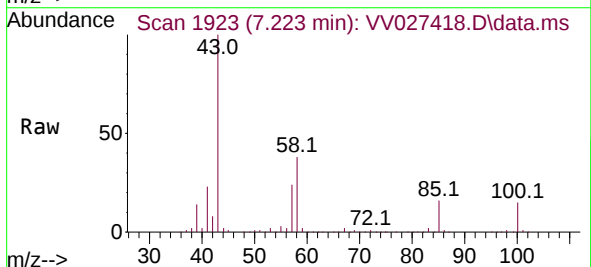
Tgt Ion: 43 Resp: 325507

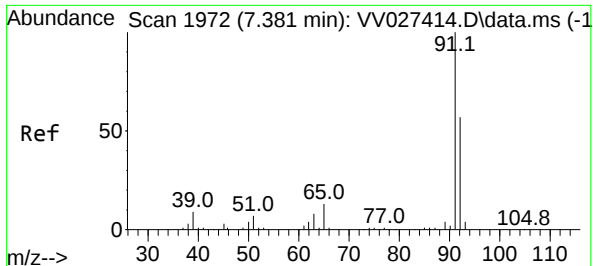
Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4

100 13.8 10.9 16.3





#42

Toluene

Concen: 5.769 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

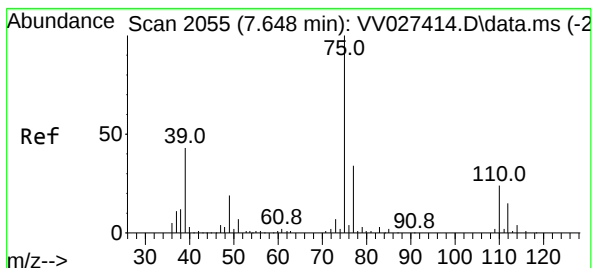
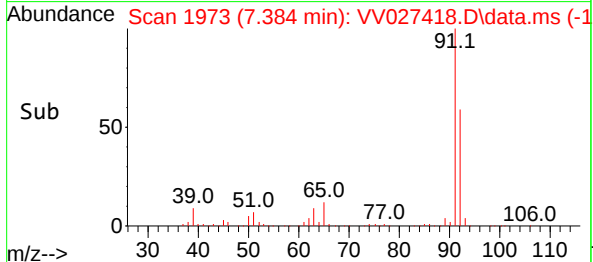
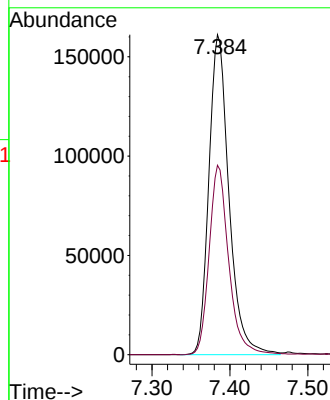
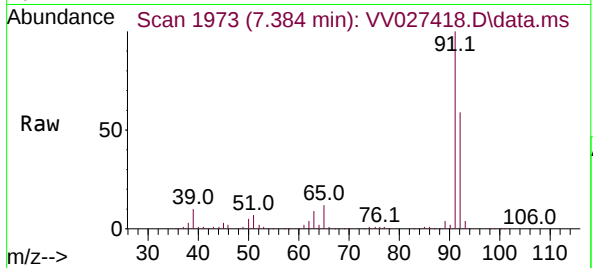
VSTD005376

Tgt Ion: 91 Resp: 288516

Ion Ratio Lower Upper

91 100

92 59.2 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.493 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027418.D

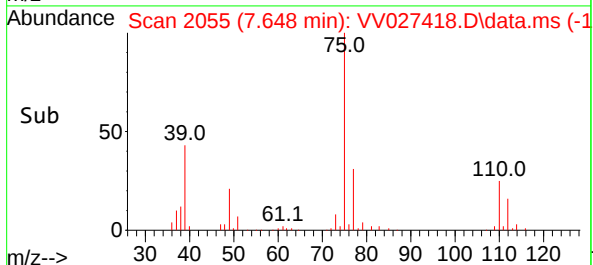
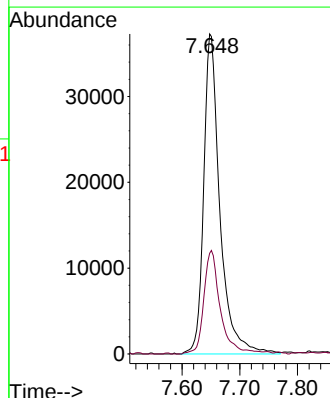
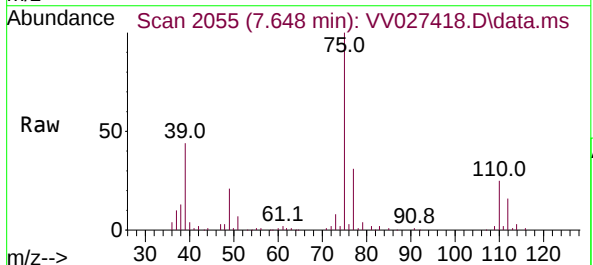
Acq: 17 Aug 2022 12:56

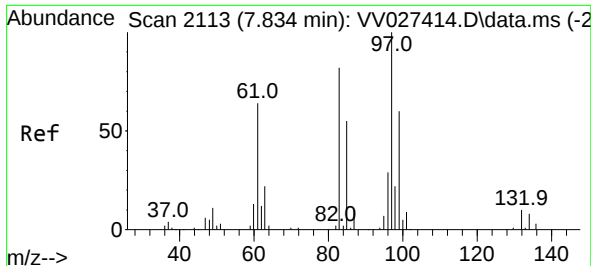
Tgt Ion: 75 Resp: 72780

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7

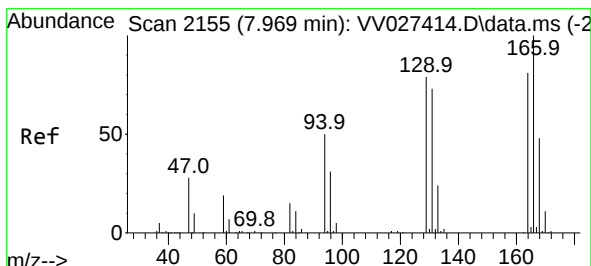
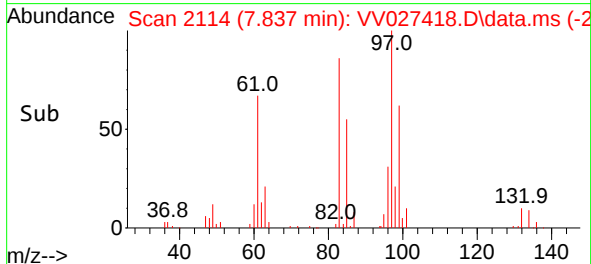
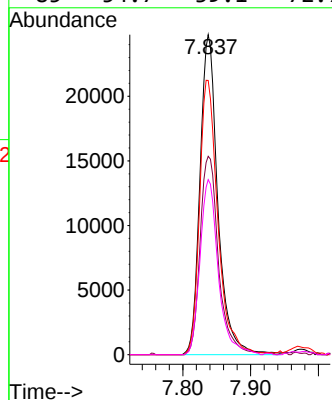
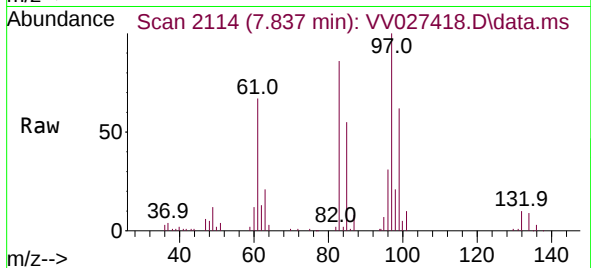




#45
1,1,2-Trichloroethane
Concen: 5.144 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

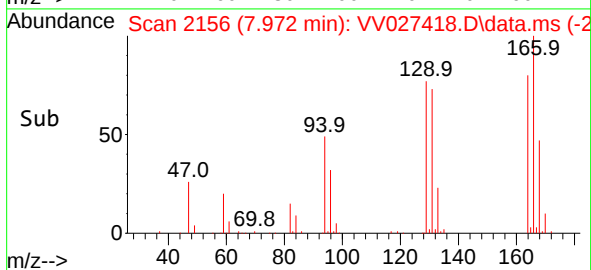
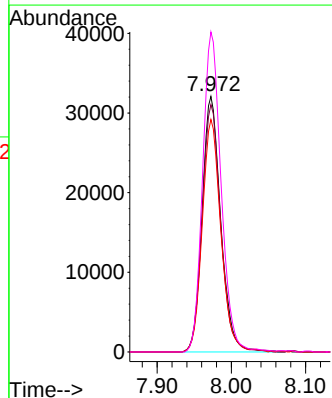
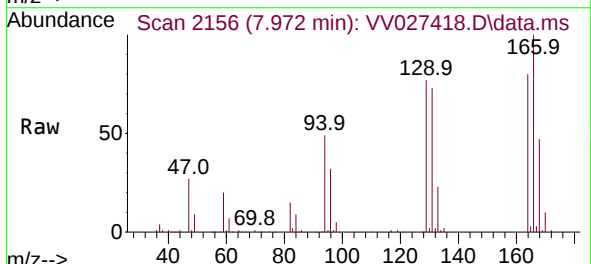
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

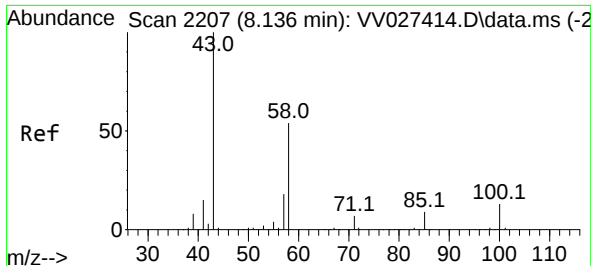
Tgt Ion:	97	Resp:	45440
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.7	81.1
83	85.7	59.8	111.0
85	54.7	39.1	72.7



#47
Tetrachloroethene
Concen: 5.703 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:	164	Resp:	55884
Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.0	128.1
131	90.9	64.7	120.1
166	125.2	89.4	166.0



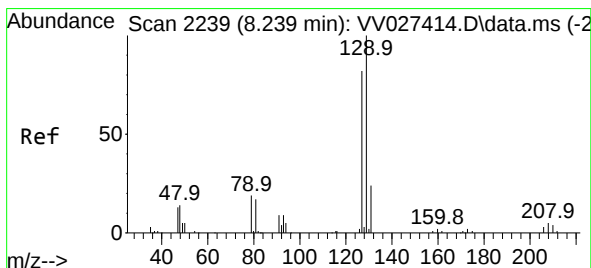
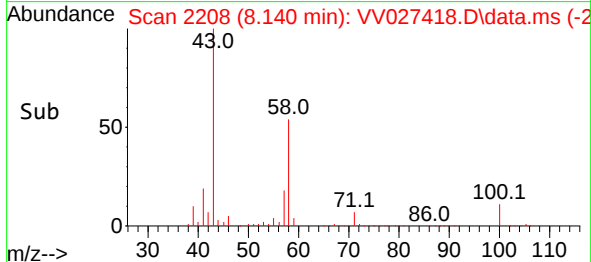
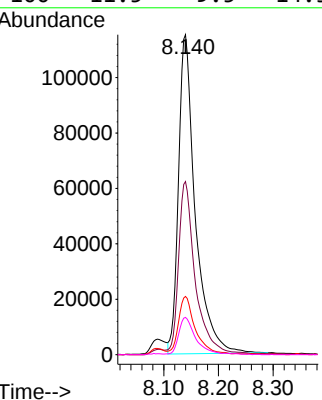
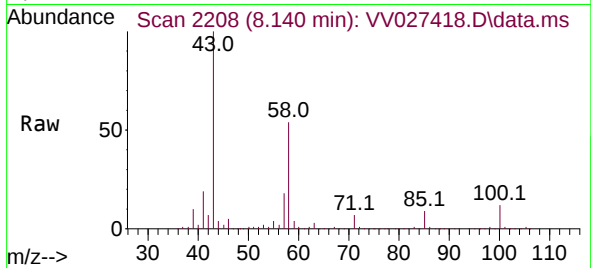


#48
2-Hexanone
Concen: 53.613 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Tgt Ion: 43 Resp: 246011

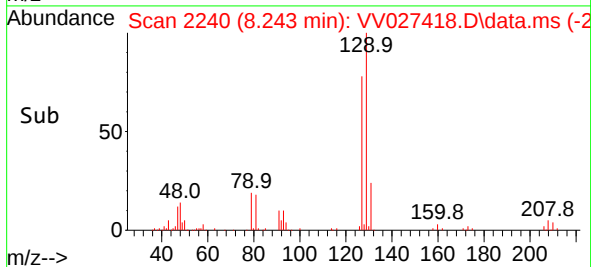
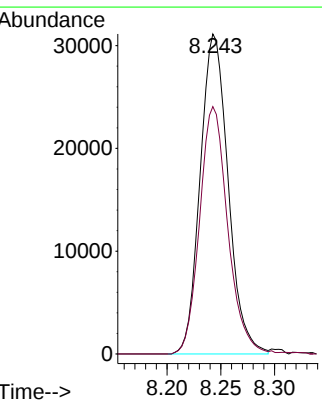
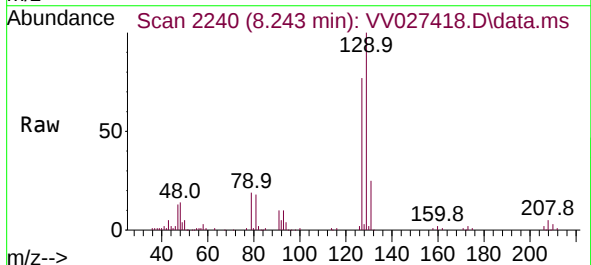
Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.8	64.2
57	17.9	15.2	22.8
100	11.5	9.5	14.3

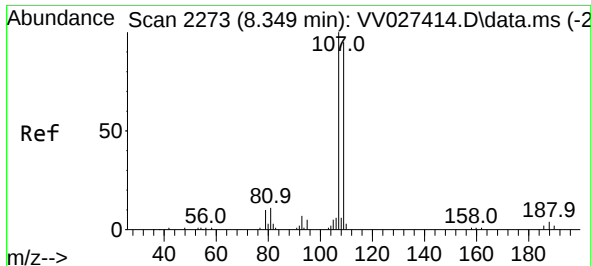


#49
Dibromochloromethane
Concen: 5.448 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 129 Resp: 56333

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.5	101.3

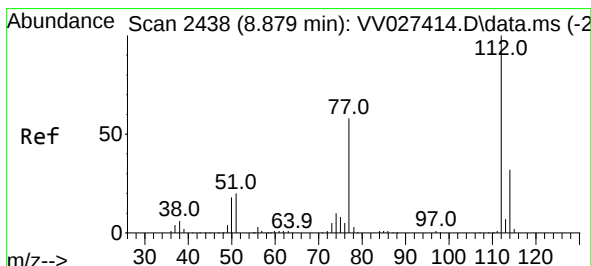
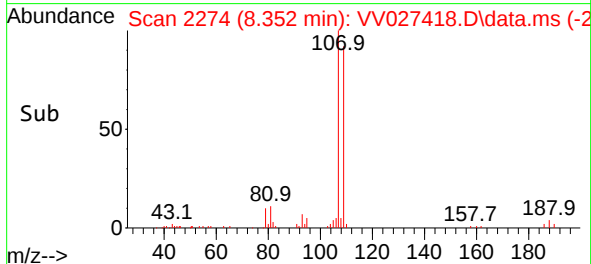
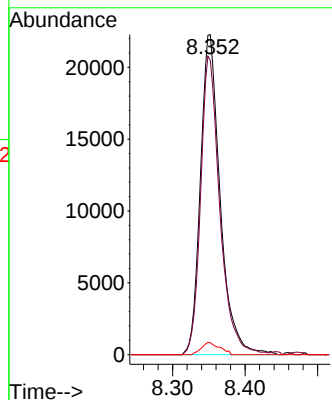
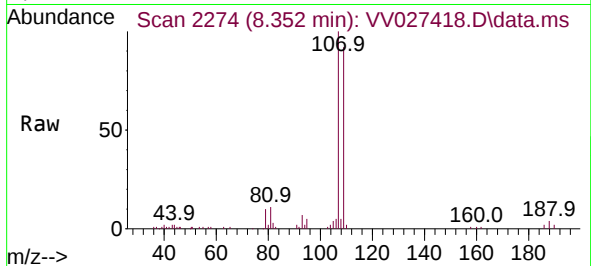




#50
1,2-Dibromoethane
Concen: 5.375 ug/L
RT: 8.352 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

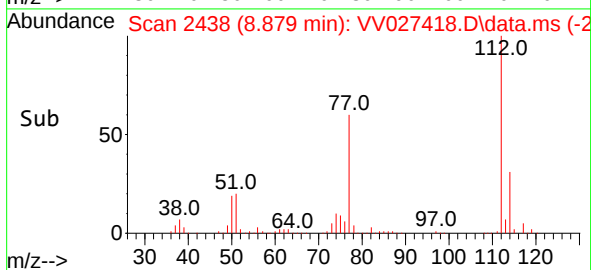
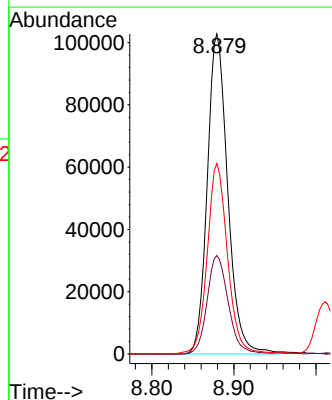
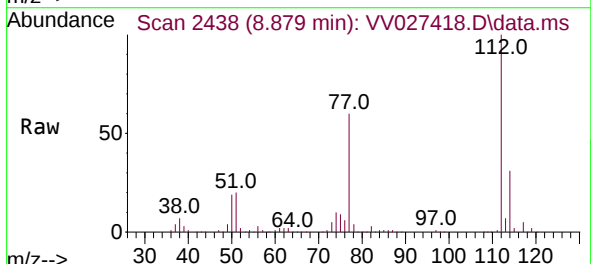
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

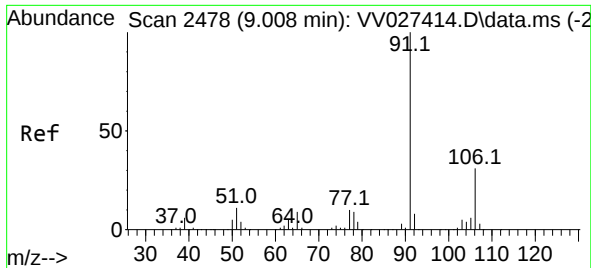
Tgt Ion:107 Resp: 42211
Ion Ratio Lower Upper
107 100
109 92.1 66.1 122.8
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 5.460 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:112 Resp: 177858
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.9
77 59.5 46.4 69.6

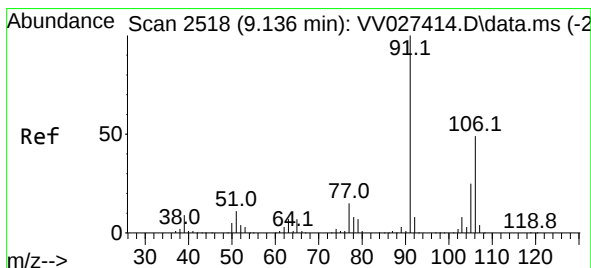
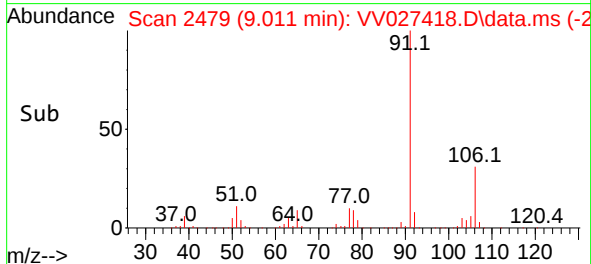
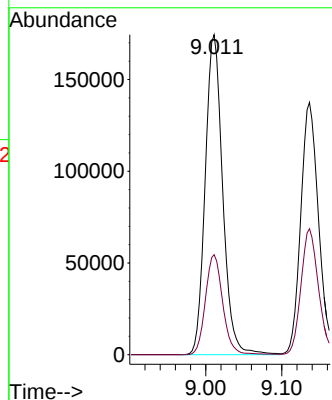
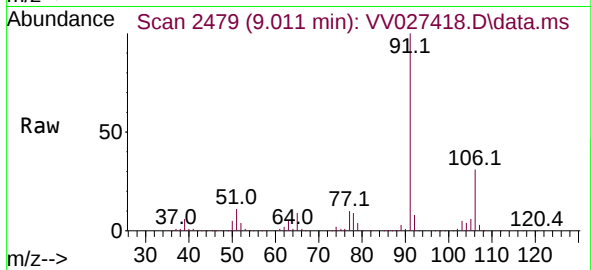




#52
Ethylbenzene
Concen: 5.532 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

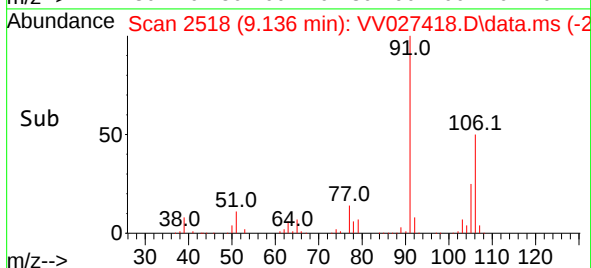
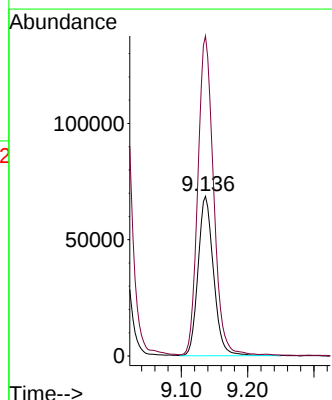
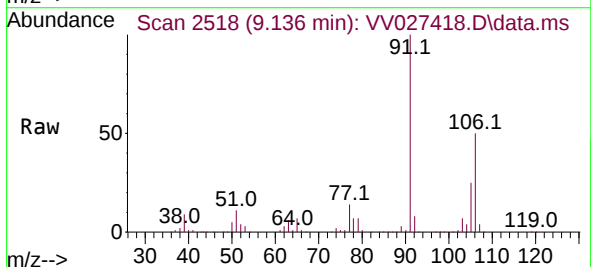
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

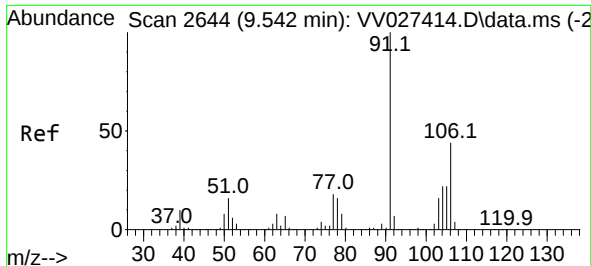
Tgt Ion: 91 Resp: 277997
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.793 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 106 Resp: 111022
Ion Ratio Lower Upper
106 100
91 200.4 141.5 262.9

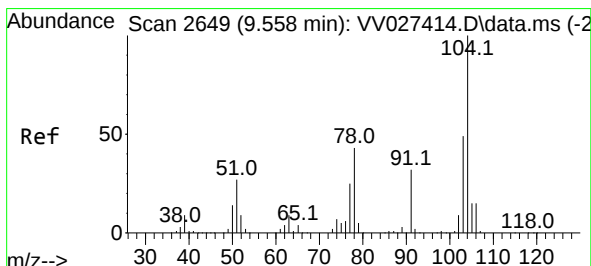
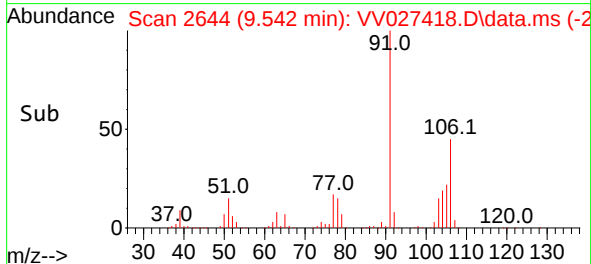
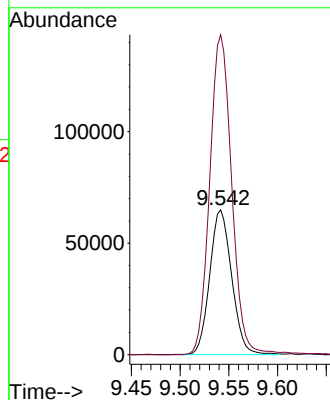
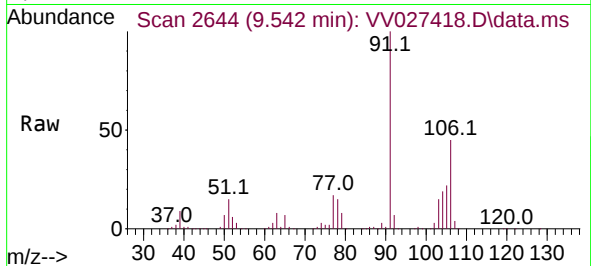




#54
o-Xylene
Concen: 5.440 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

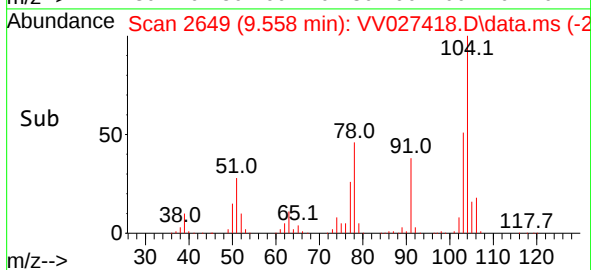
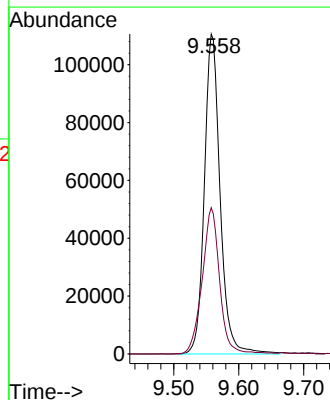
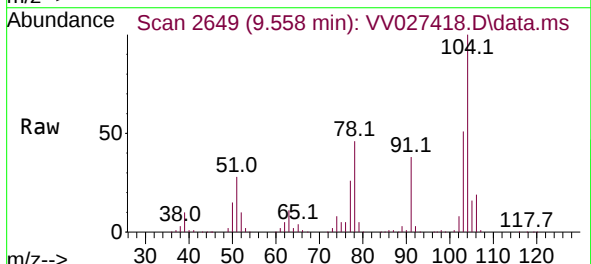
Instrument : MSVOA_V
ClientSampleId : VSTD005376

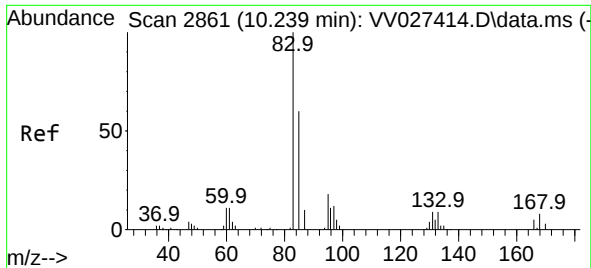
Tgt Ion:106 Resp: 101985
Ion Ratio Lower Upper
106 100
91 221.1 153.2 284.4



#55
Styrene
Concen: 5.805 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:104 Resp: 187114
Ion Ratio Lower Upper
104 100
78 45.7 30.7 57.1

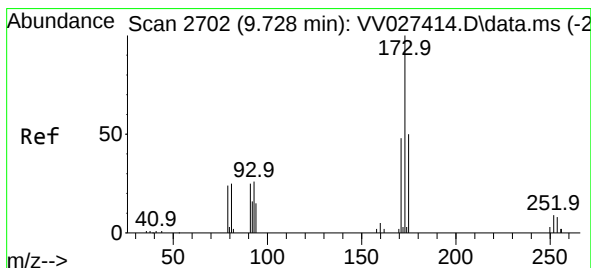
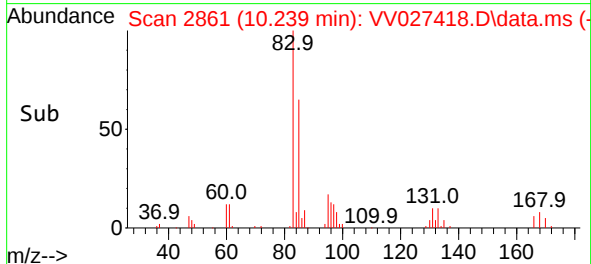
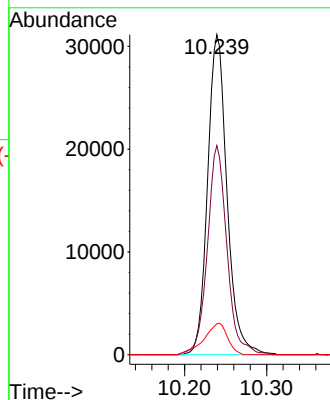
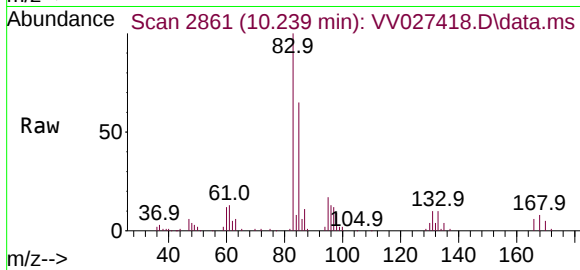




#57
1,1,2,2-Tetrachloroethane
Concen: 5.209 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

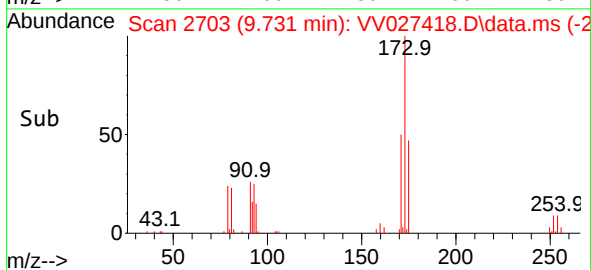
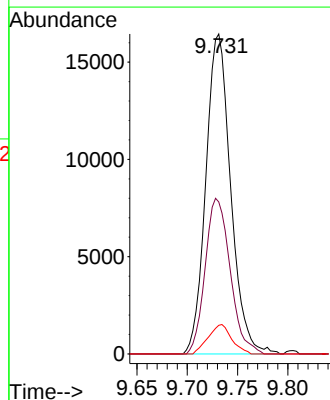
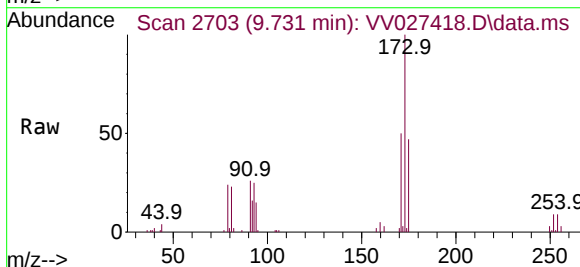
Instrument : MSVOA_V
ClientSampleId : VSTD005376

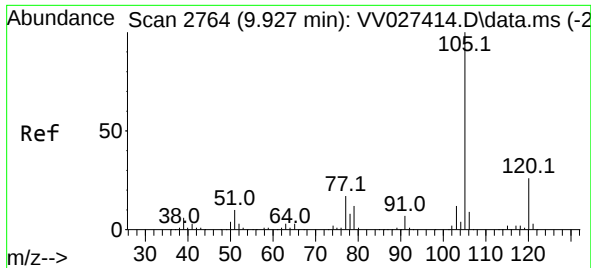
Tgt Ion:	83	Resp:	51292
Ion	Ratio	Lower	Upper
83	100		
85	65.3	43.3	80.3
131	9.6	7.7	11.5



#59
Bromoform
Concen: 5.128 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:	173	Resp:	28337
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.2	57.2
254	8.7	6.5	9.7

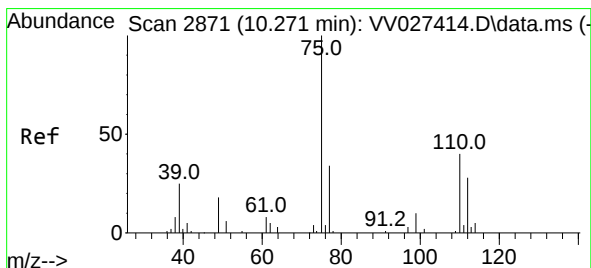
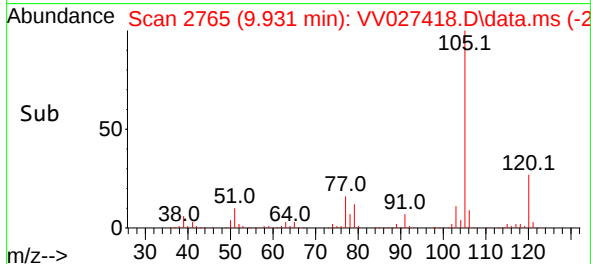
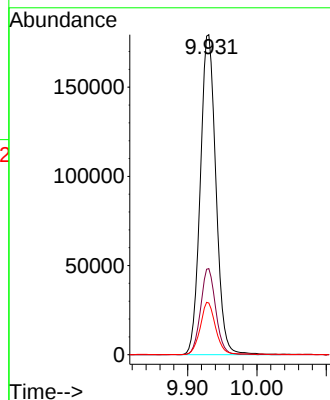
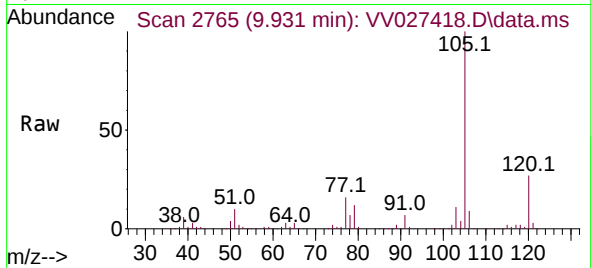




#60
Isopropylbenzene
Concen: 5.450 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

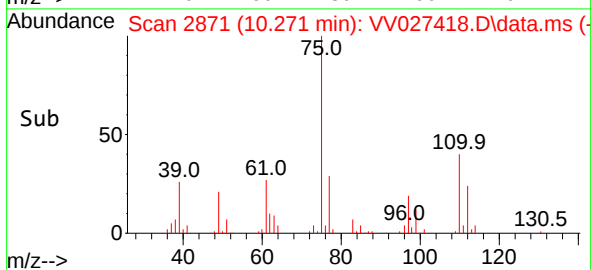
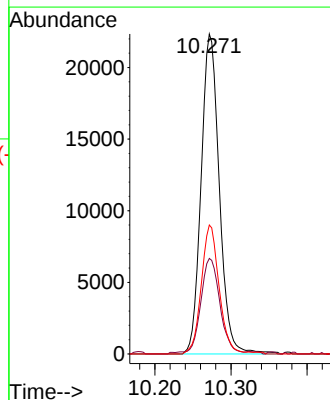
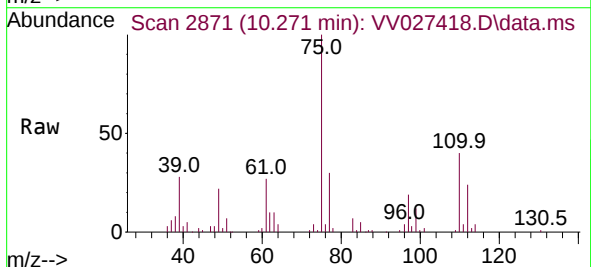
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

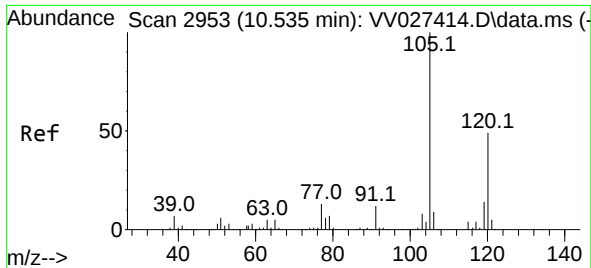
Tgt Ion:105 Resp: 281296
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 16.0 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.706 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 75 Resp: 37137
Ion Ratio Lower Upper
75 100
77 31.6 26.6 39.8
110 39.5 31.0 46.6

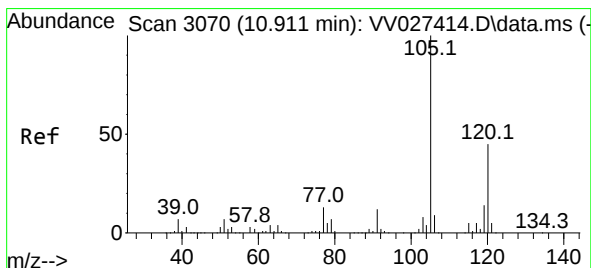
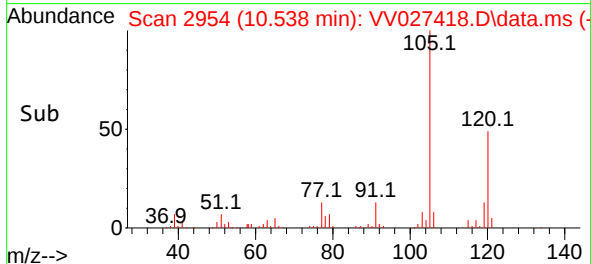
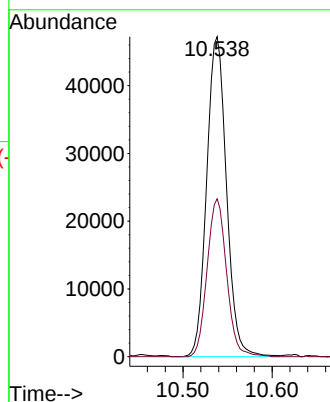
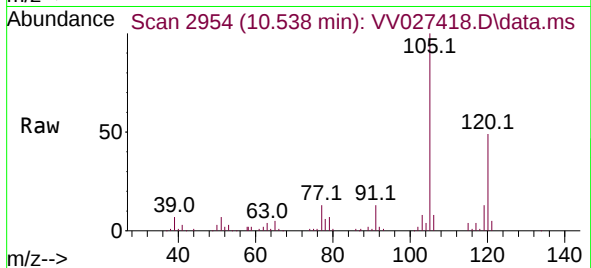




#62
 1,3,5-Trimethylbenzene
 Concen: 5.110 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

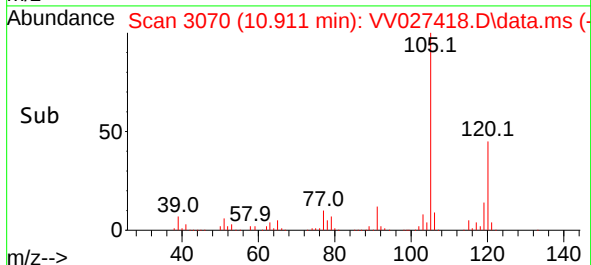
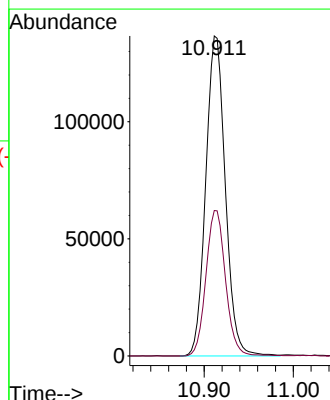
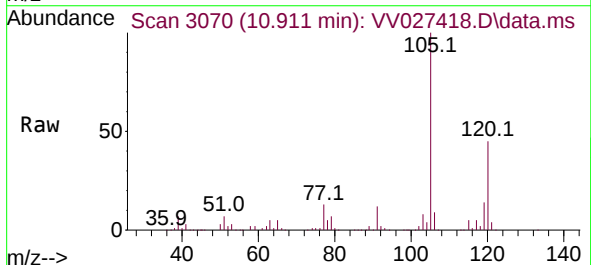
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

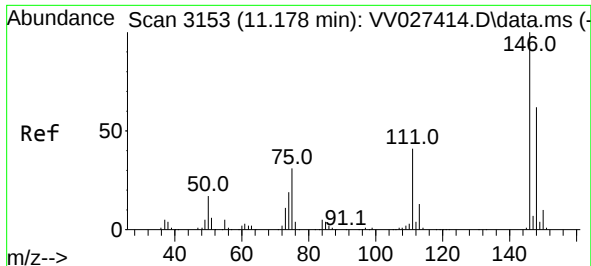
Tgt Ion:105 Resp: 72891
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.092 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027418.D
 Acq: 17 Aug 2022 12:56

Tgt Ion:105 Resp: 208221
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.2 54.2

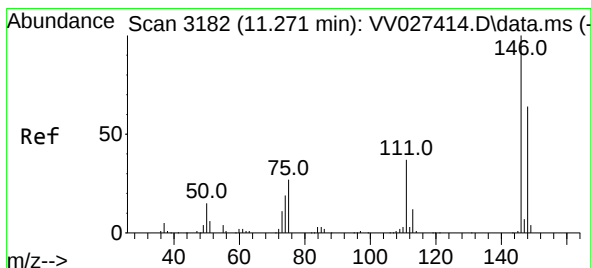
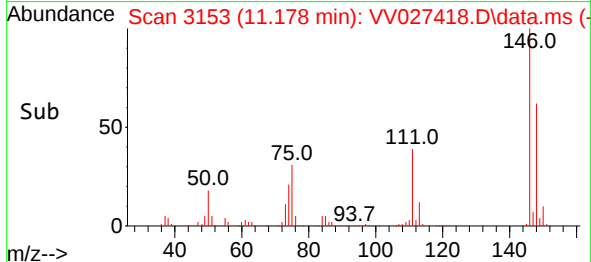
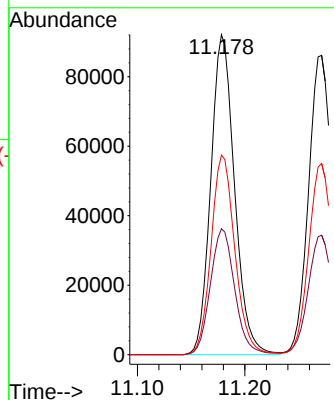
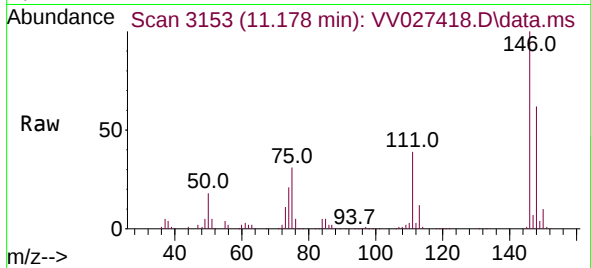




#64
1,3-Dichlorobenzene
Concen: 5.482 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

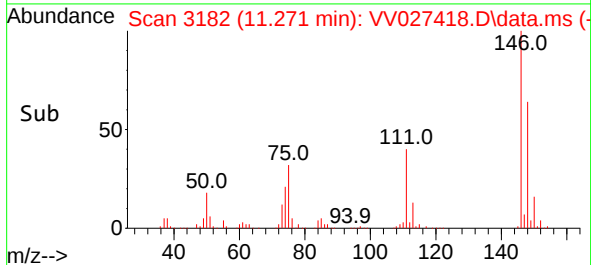
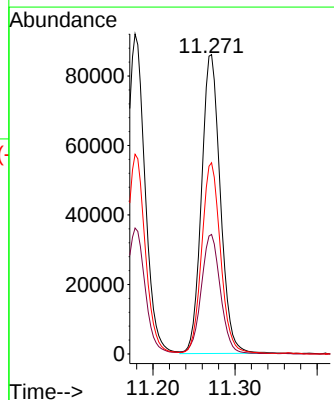
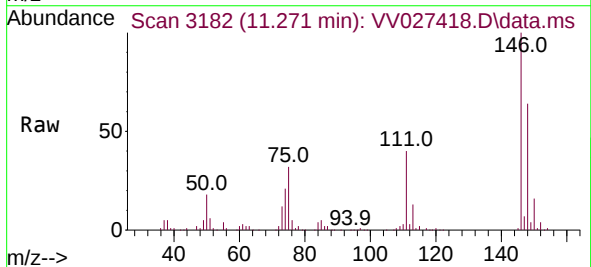
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

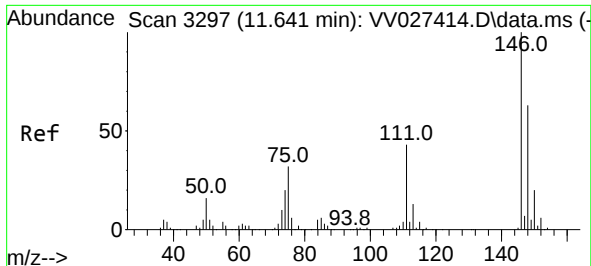
Tgt Ion:146 Resp: 141390
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.4
148 62.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.286 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:146 Resp: 137168
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 63.9 43.3 80.5

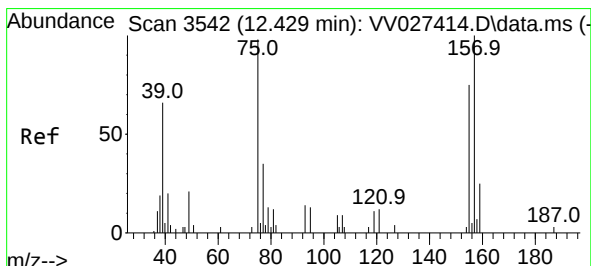
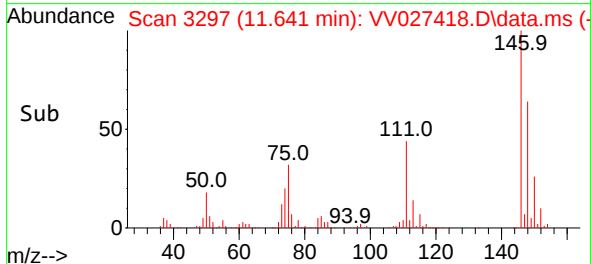
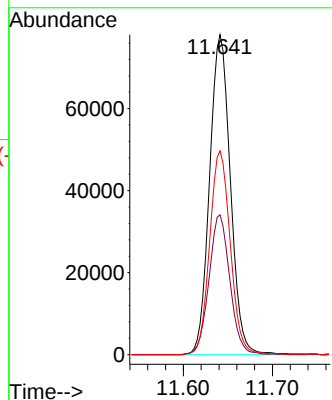
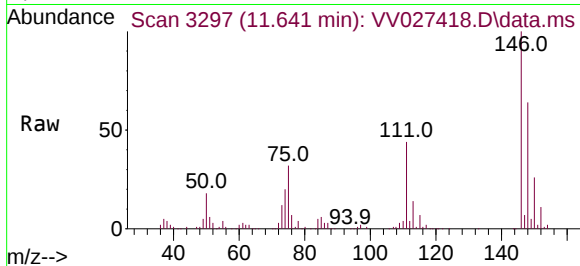




#67
1,2-Dichlorobenzene
Concen: 5.258 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

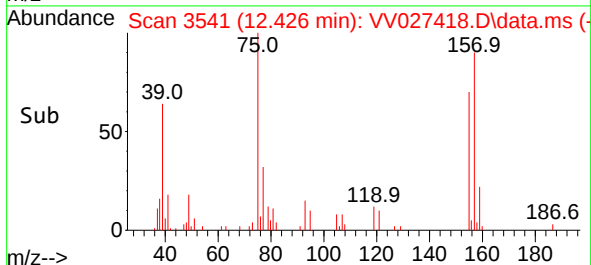
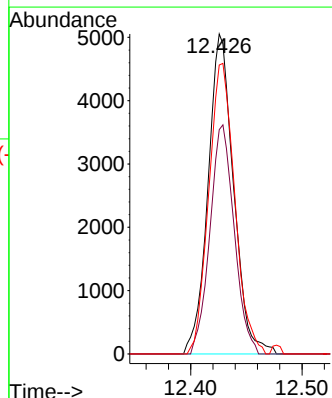
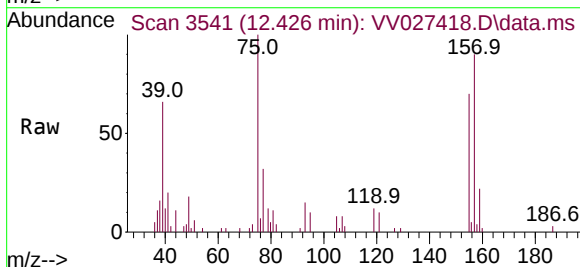
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

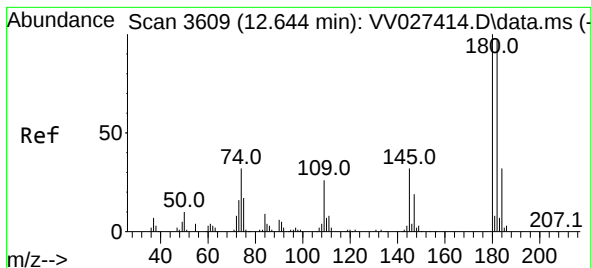
Tgt Ion:146 Resp: 126275
Ion Ratio Lower Upper
146 100
111 43.7 33.2 49.8
148 63.7 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.880 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion: 75 Resp: 8046
Ion Ratio Lower Upper
75 100
155 70.1 65.8 98.6
157 90.3 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 5.254 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

Tgt Ion:180 Resp: 97706

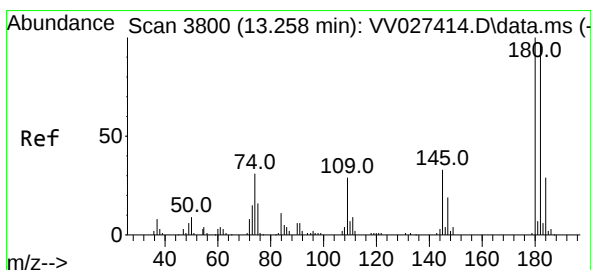
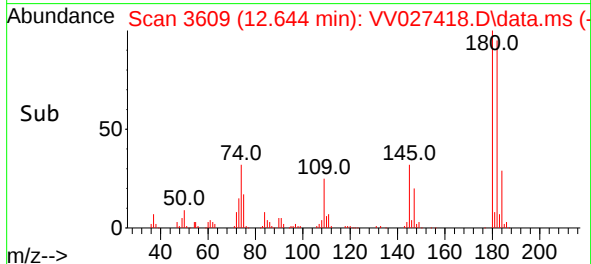
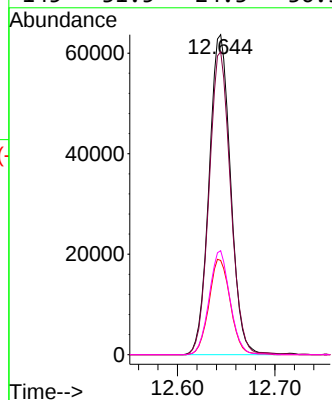
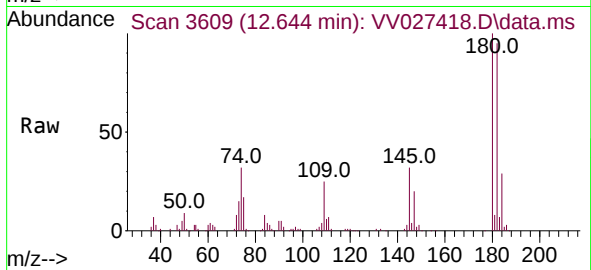
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

184 29.6 23.3 34.9

145 31.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.819 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027418.D

Acq: 17 Aug 2022 12:56

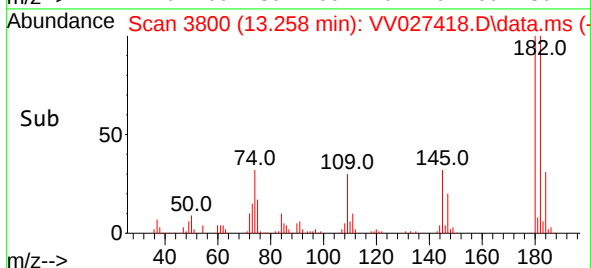
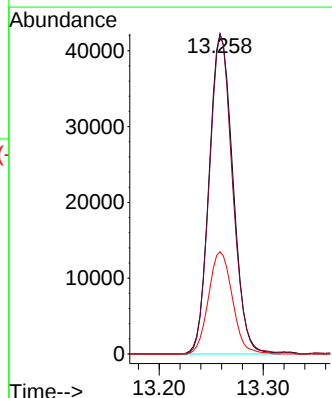
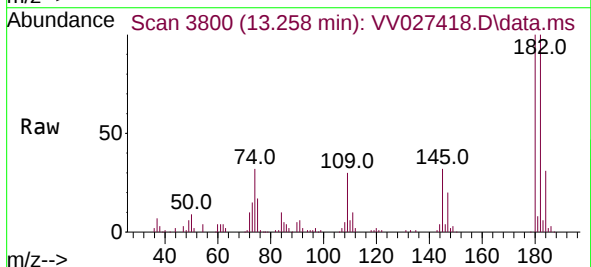
Tgt Ion:180 Resp: 66976

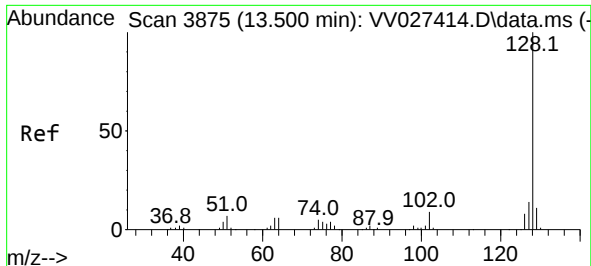
Ion Ratio Lower Upper

180 100

182 97.6 77.4 116.0

145 32.1 24.9 37.3

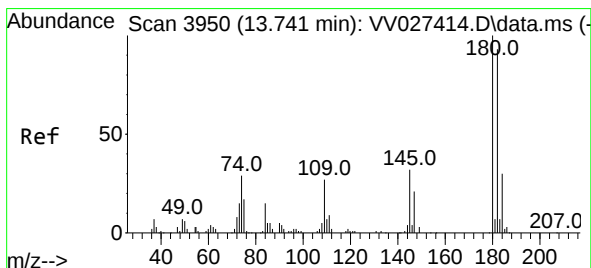
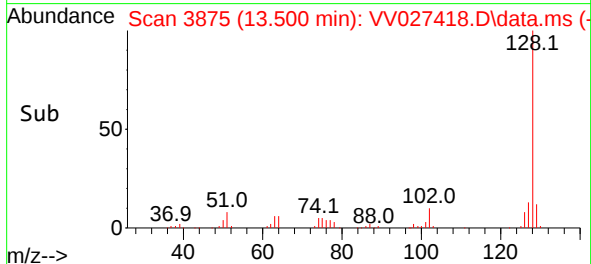
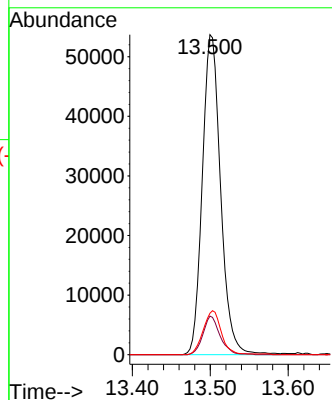
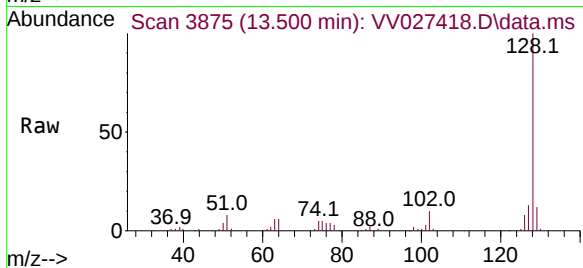




#71
Naphthalene
Concen: 4.075 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Tgt Ion:128 Resp: 87516
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.6 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.675 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027418.D
Acq: 17 Aug 2022 12:56

Tgt Ion:180 Resp: 60565
Ion Ratio Lower Upper
180 100
182 95.2 73.8 110.6
145 33.2 27.0 40.4

