

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110921\
 Data File : VW020824.D
 Acq On : 09 Nov 2021 16:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Nov 10 04:13:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 10 04:11:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	145781	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	133172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30382	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	2.885	69	20338	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	4.019	63	64085	22.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.080	46	19465	42.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
24) Chloroform-d	7.647	84	74791	23.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.305	65	37665	21.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.275	84	135225	22.475	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.274	67	41365	22.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.323	98	131393	22.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.579	79	19305	20.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.560%
47) 2-Hexanone-d5	10.920	63	16233	43.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	172.280%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36109	23.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	56188	23.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	19977	33.606	ug/L	97
3) Chloromethane	2.209	50	39570	25.440	ug/L	99
5) Vinyl chloride	2.361	62	59638	26.582	ug/L	100
6) Bromomethane	2.782	94	30683	26.426	ug/L	98
8) Chloroethane	2.922	64	24387	29.562	ug/L	99
9) Trichlorofluoromethane	3.257	101	40063	33.668	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49266	25.174	ug/L	91
12) 1,1-Dichloroethene	4.038	96	46313	24.831	ug/L	76
13) Acetone	4.129	43	17933	42.332	ug/L	94
14) Carbon disulfide	4.385	76	131797	23.411	ug/L	98
15) Methyl Acetate	4.672	43	16830	22.416	ug/L	95
16) Methylene chloride	4.915	84	47531	22.018	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	48984	24.707	ug/L	84
18) Methyl tert-butyl Ether	5.421	73	61302	21.852	ug/L	95
19) 1,1-Dichloroethane	6.214	63	80557	23.461	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	51077	24.440	ug/L	77
22) 2-Butanone	7.171	43	23869	42.402	ug/L	91
23) Bromochloromethane	7.513	128	23604	24.475	ug/L	# 70
25) Chloroform	7.671	83	86103	24.087	ug/L	97

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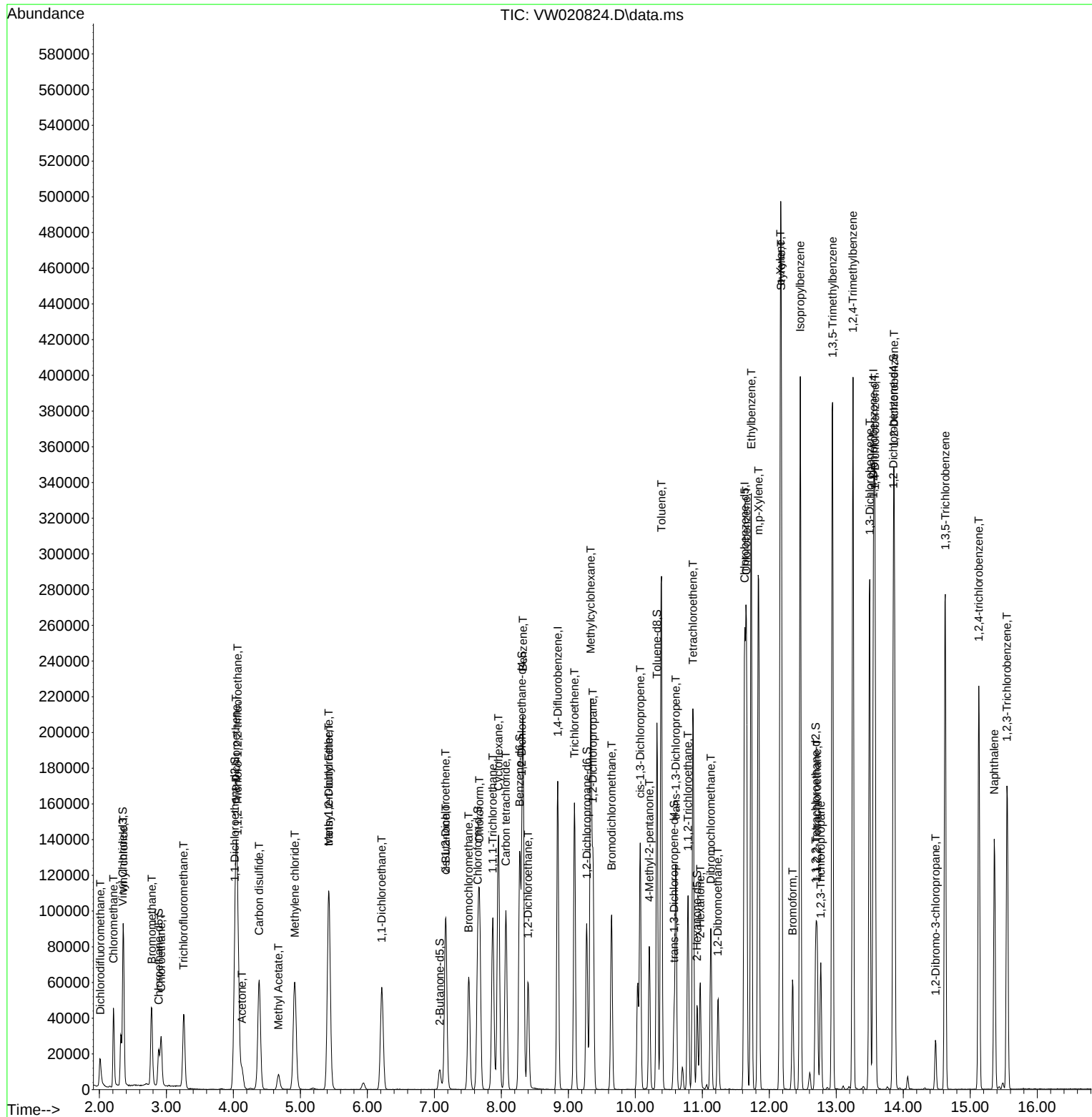
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52597	22.729	ug/L #	95
29) Cyclohexane	7.958	56	78483	22.588	ug/L	86
30) 1,1,1-Trichloroethane	7.872	97	77023	24.338	ug/L	94
31) Carbon tetrachloride	8.067	117	73608	24.442	ug/L	97
33) Benzene	8.323	78	187671	23.531	ug/L	100
34) Trichloroethene	9.092	95	52200	24.588	ug/L	93
35) Methylcyclohexane	9.335	83	89910	24.269	ug/L	88
37) 1,2-Dichloropropane	9.366	63	44133	23.371	ug/L #	97
38) Bromodichloromethane	9.646	83	63552	24.042	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	74008	24.082	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	51982	42.121	ug/L #	95
42) Toluene	10.390	91	212403	24.766	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	64090	23.056	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	32490	23.184	ug/L	96
46) Tetrachloroethene	10.860	164	50454	26.496	ug/L	95
48) 2-Hexanone	10.969	43	38763	43.015	ug/L #	96
49) Dibromochloromethane	11.128	129	45950	24.011	ug/L	94
50) 1,2-Dibromoethane	11.231	107	33209	23.371	ug/L	94
51) Chlorobenzene	11.658	112	137790	24.908	ug/L	94
52) Ethylbenzene	11.731	91	234984	24.454	ug/L	98
53) m,p-Xylene	11.841	106	96149	24.974	ug/L	84
54) o-Xylene	12.164	106	91240	25.018	ug/L	88
55) Styrene	12.176	104	152310	24.566	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37577	22.879	ug/L #	98
59) Bromoform	12.347	173	28436	22.372	ug/L	97
60) Isopropylbenzene	12.463	105	251117	24.245	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	27145	21.859	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	212035	23.824	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	204464	23.126	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	116982	24.361	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	115257	24.094	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	103057	24.295	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6346	20.905	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	91406	23.980	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	75965	23.907	ug/L	94
71) Naphthalene	15.359	128	120321	22.402	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	59751	22.128	ug/L	98

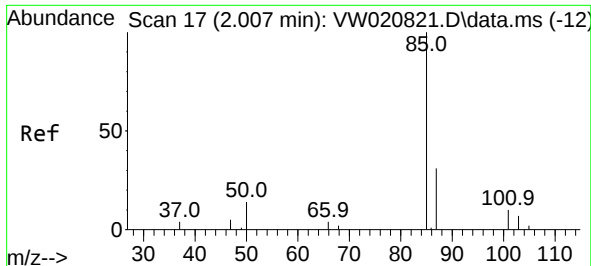
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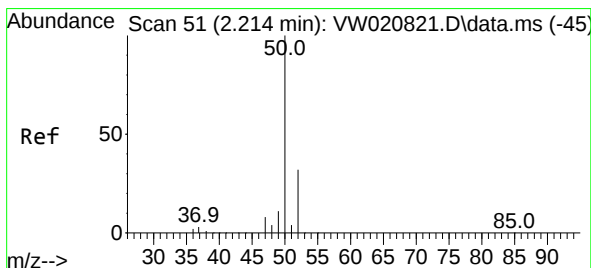
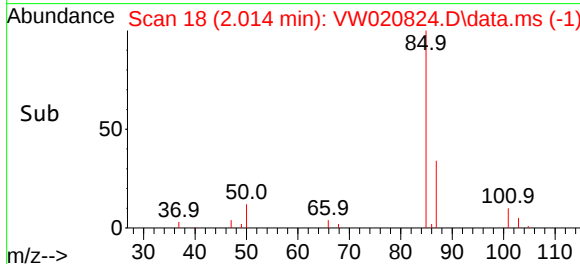
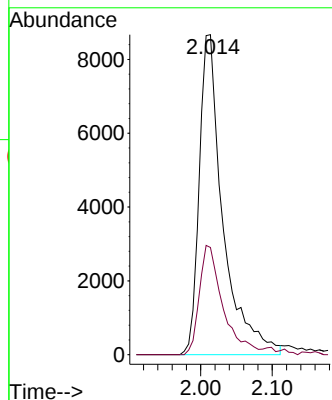
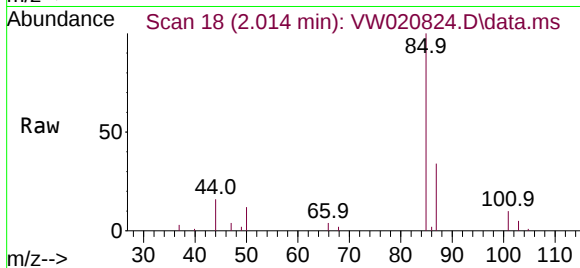




#2
Dichlorodifluoromethane
Concen: 33.606 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

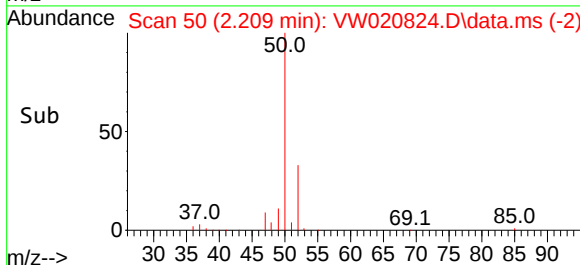
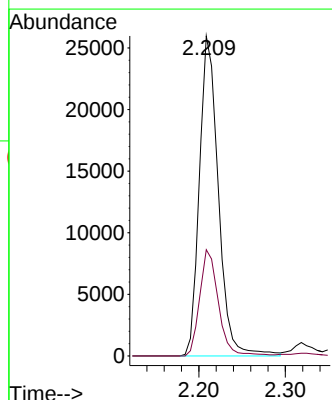
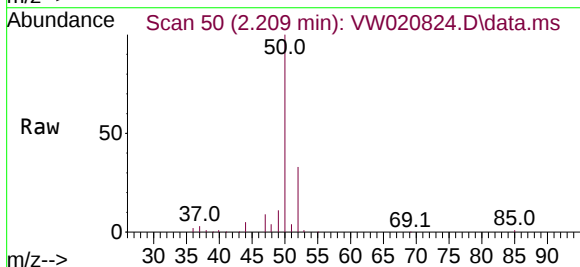
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MSVOA_W
ClientSampleId :
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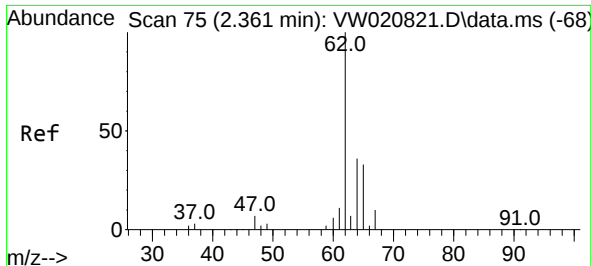
Tgt Ion: 85 Resp: 19977
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.6



#3
Chloromethane
Concen: 25.440 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 50 Resp: 39570
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.6

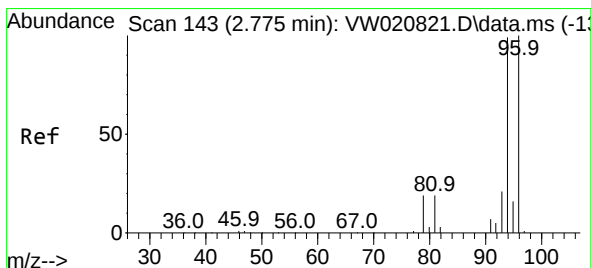
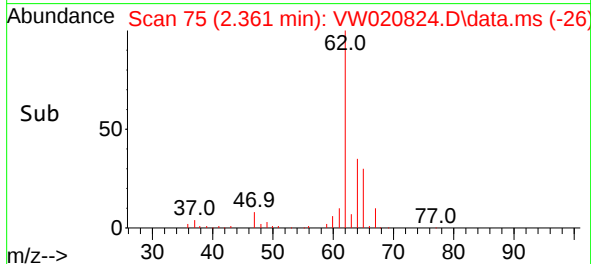
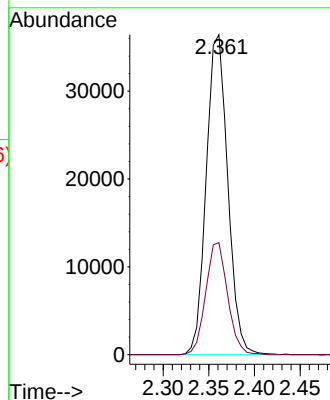
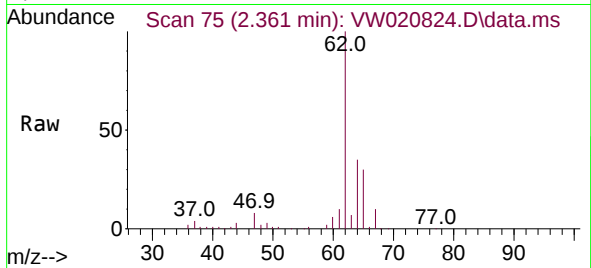




#5
 Vinyl chloride
 Concen: 26.582 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020824.D
 Acq: 09 Nov 2021 16:34

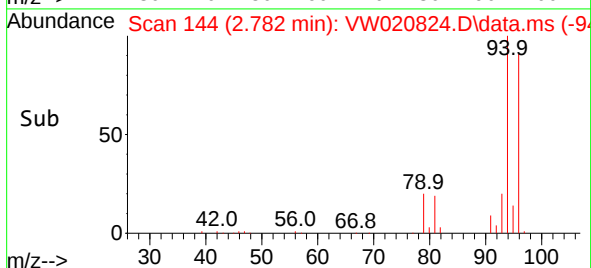
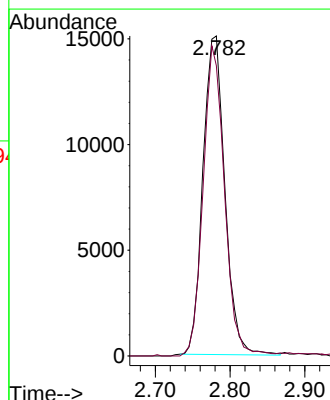
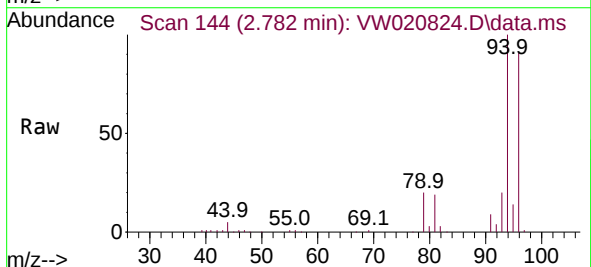
Instrument :
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 ClientSampleId :
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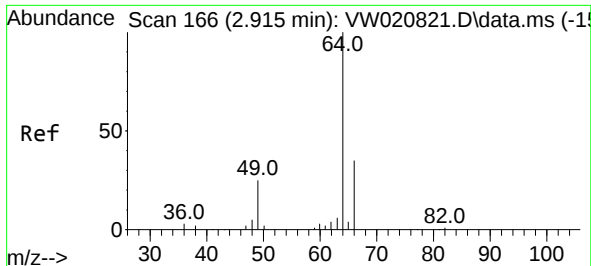
Tgt Ion: 62 Resp: 59638
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.4 45.2



#6
 Bromomethane
 Concen: 26.426 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.007 min
 Lab File: VW020824.D
 Acq: 09 Nov 2021 16:34

Tgt Ion: 94 Resp: 30683
 Ion Ratio Lower Upper
 94 100
 96 90.7 64.8 120.4





#8

Chloroethane

Concen: 29.562 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

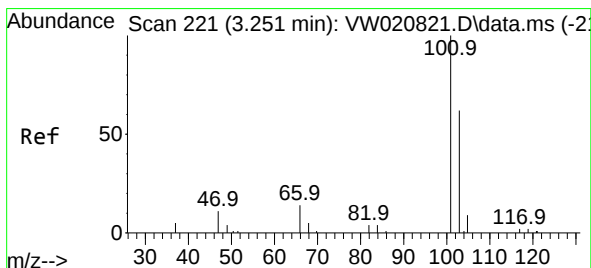
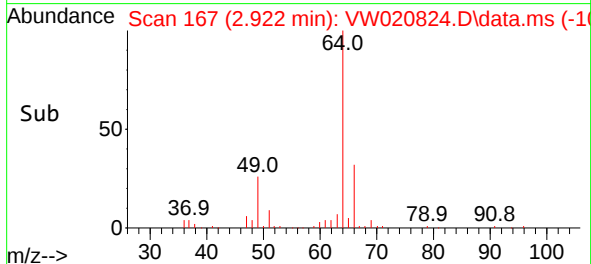
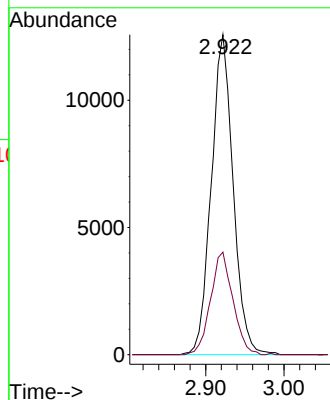
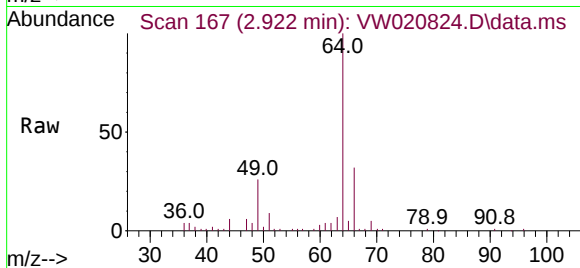
VSTD025488

Tgt Ion: 64 Resp: 24387

Ion Ratio Lower Upper

64 100

66 32.1 22.0 40.8



#9

Trichlorofluoromethane

Concen: 33.668 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.006 min

Lab File: VW020824.D

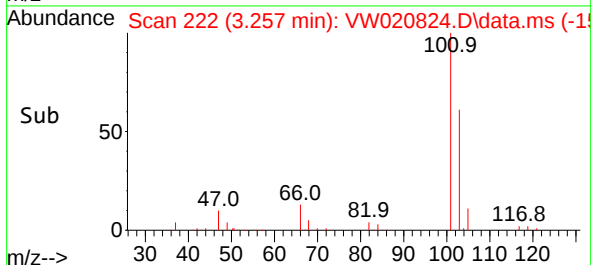
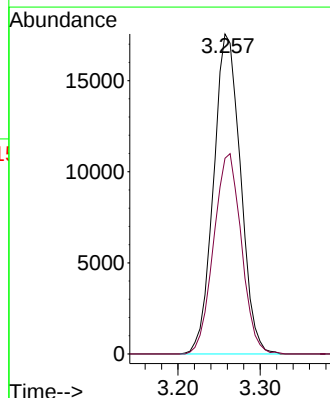
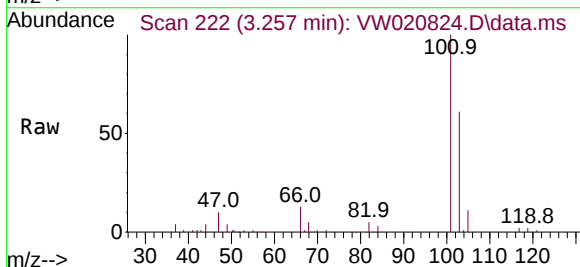
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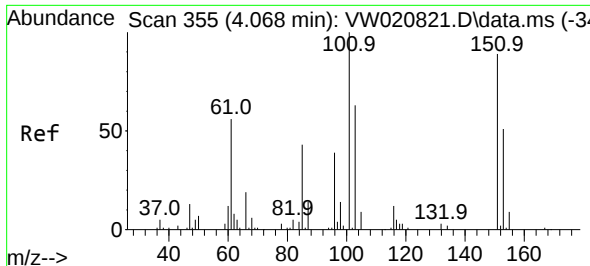
Tgt Ion: 101 Resp: 40063

Ion Ratio Lower Upper

101 100

103 64.2 51.4 77.2

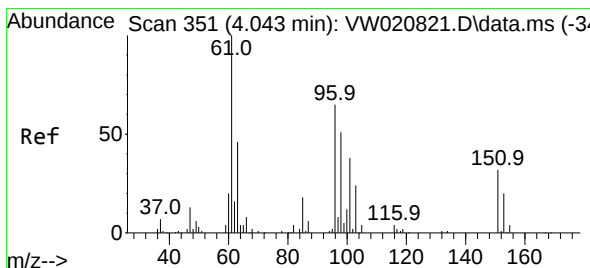
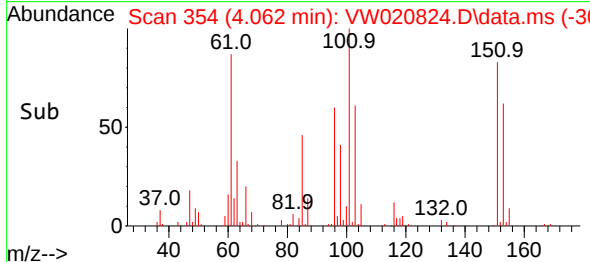
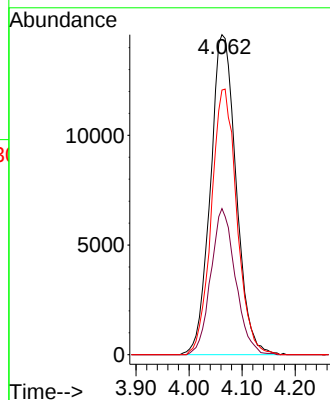
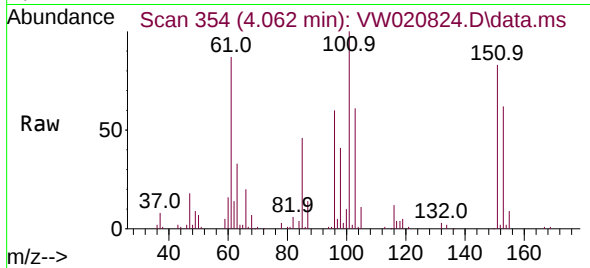




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.174 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW020824.D
 Acq: 09 Nov 2021 16:34

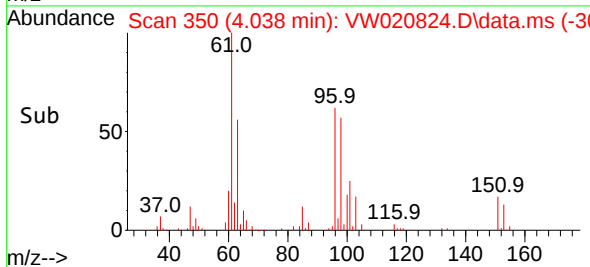
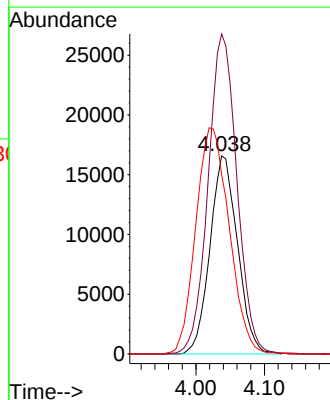
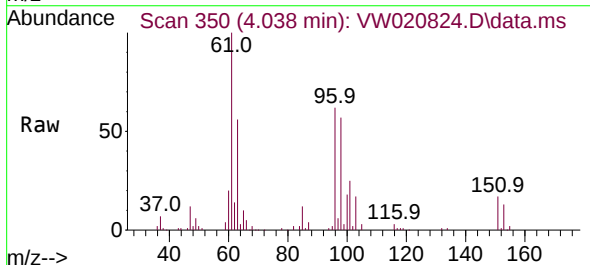
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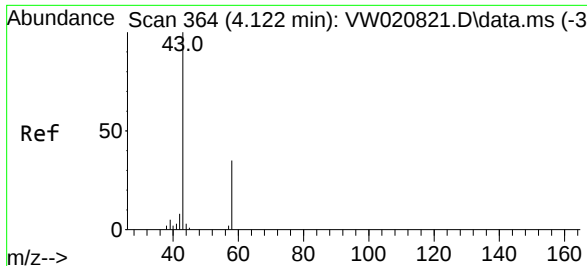
Tgt Ion:101 Resp: 49266
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.6 54.8
 151 82.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.831 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020824.D
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Tgt Ion: 96 Resp: 46313
 Ion Ratio Lower Upper
 96 100
 61 161.5 138.3 256.9
 63 90.5 82.6 153.4

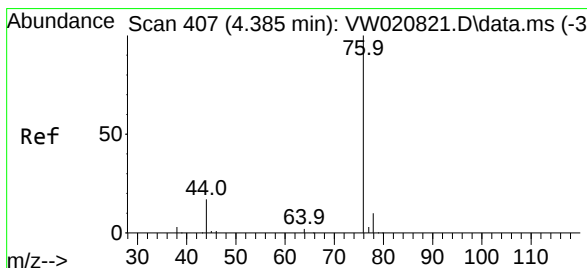
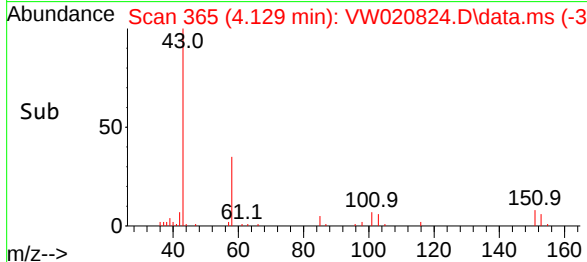
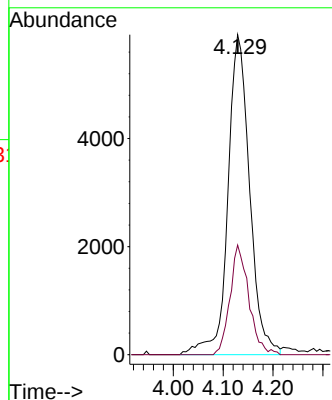
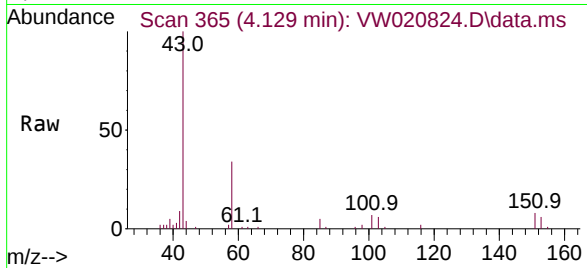




#13
Acetone
Concen: 42.332 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

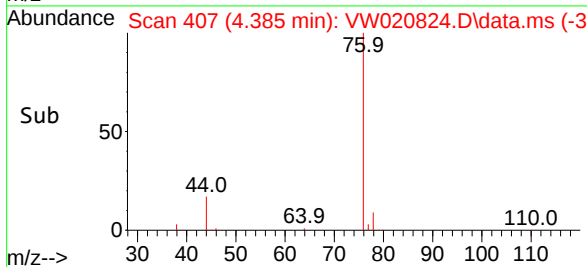
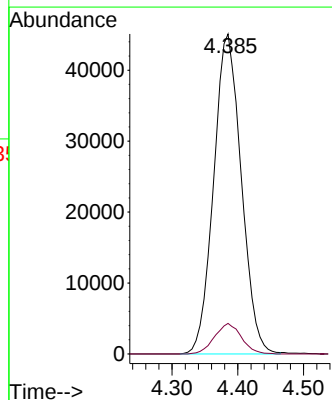
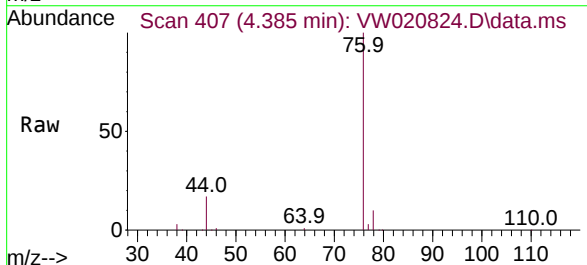
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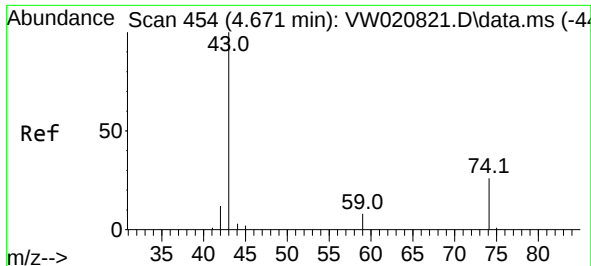
Tgt Ion: 43 Resp: 17933
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#14
Carbon disulfide
Concen: 23.411 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020824.D
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Tgt Ion: 76 Resp: 131797
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

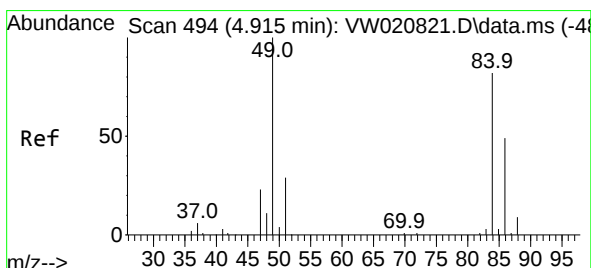
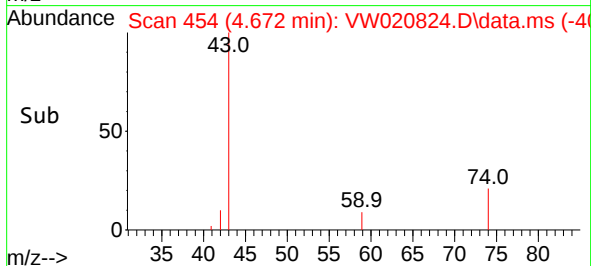
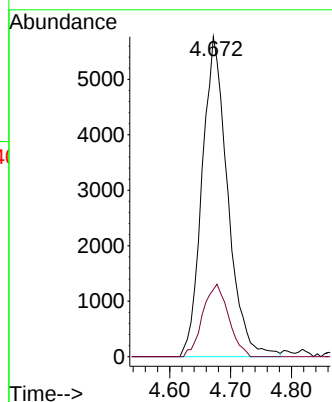
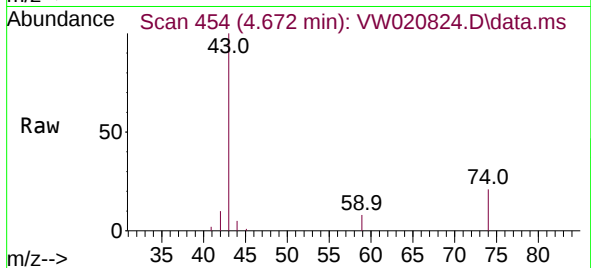




#15
Methyl Acetate
Concen: 22.416 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

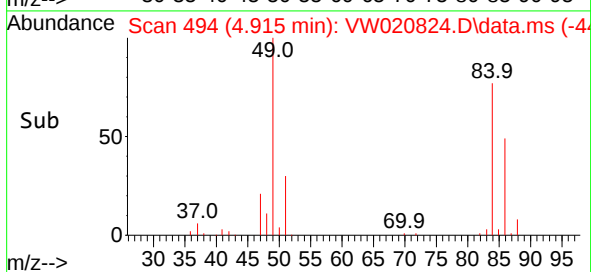
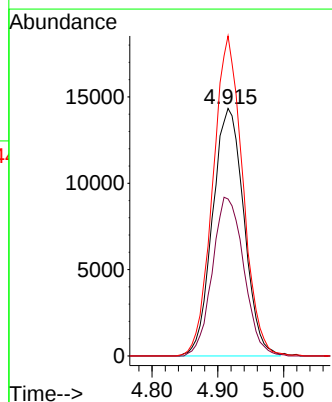
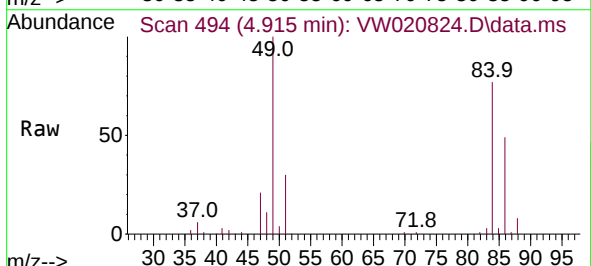
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

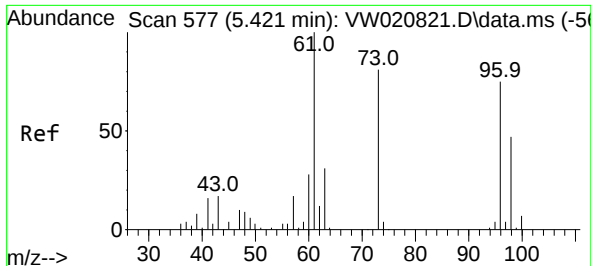
Tgt Ion: 43 Resp: 16830
Ion Ratio Lower Upper
43 100
74 22.8 16.4 24.6



#16
Methylene chloride
Concen: 22.018 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 84 Resp: 47531
Ion Ratio Lower Upper
84 100
86 63.4 45.5 84.5
49 129.3 100.5 186.7

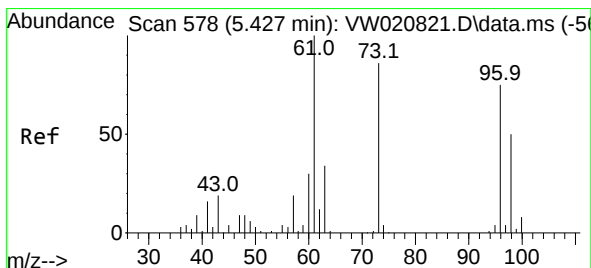
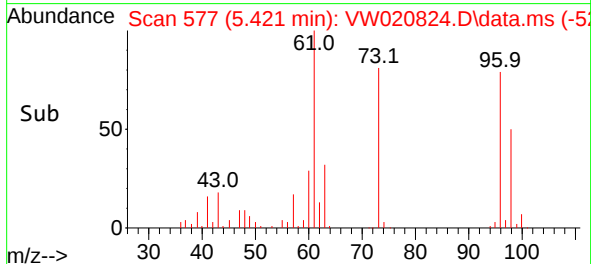
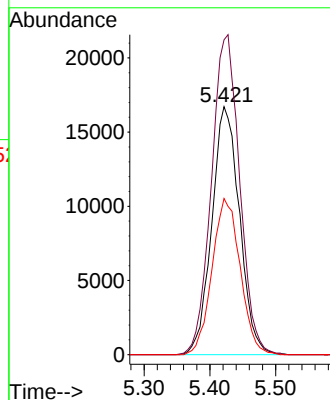
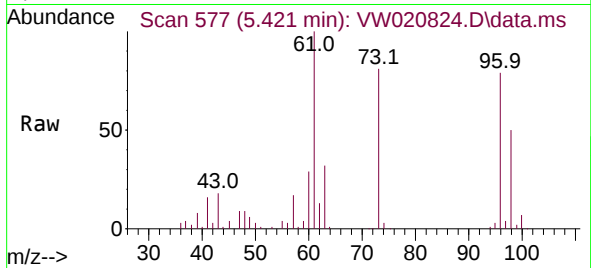




#17
trans-1,2-Dichloroethene
Concen: 24.707 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

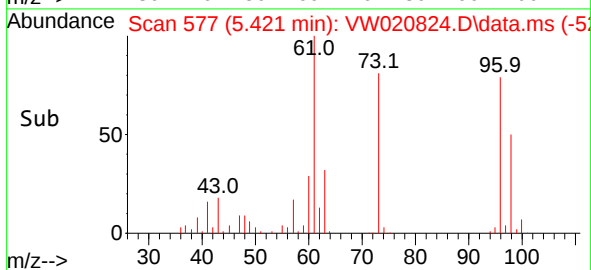
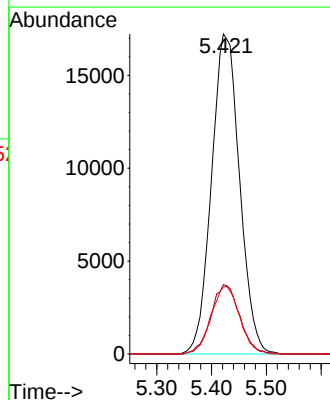
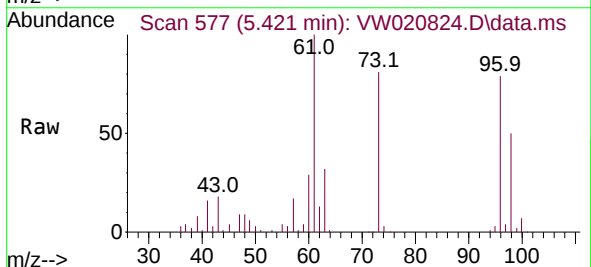
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

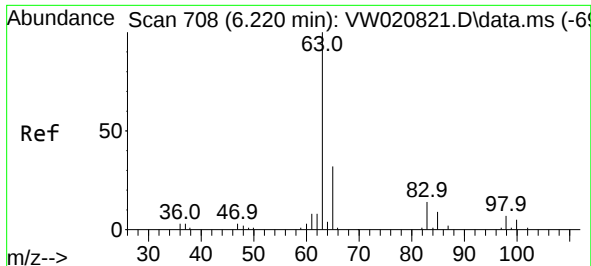
Tgt Ion: 96 Resp: 48984
Ion Ratio Lower Upper
96 100
61 127.0 107.4 199.4
98 63.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 21.852 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 73 Resp: 61302
Ion Ratio Lower Upper
73 100
43 22.2 19.5 29.3
57 21.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.461 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

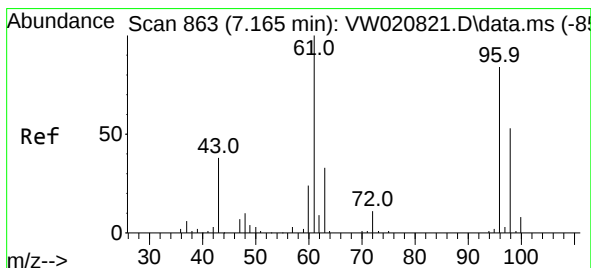
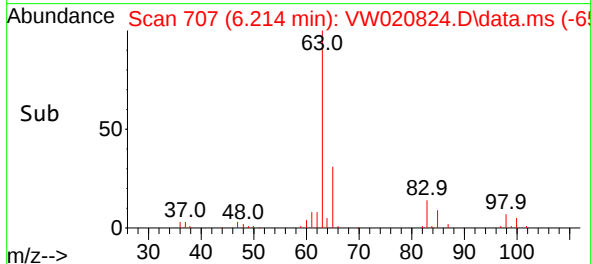
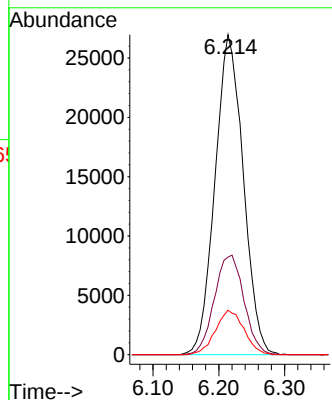
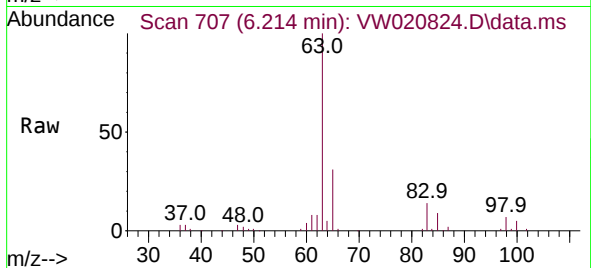
Tgt Ion: 63 Resp: 80557

Ion Ratio Lower Upper

63 100

65 30.5 22.1 41.1

83 13.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.440 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

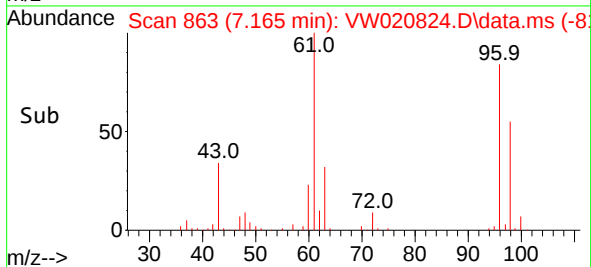
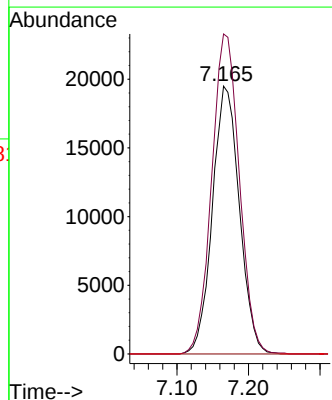
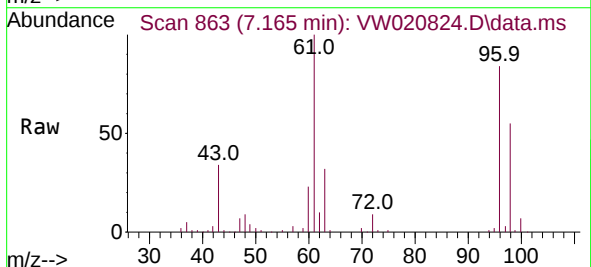
Tgt Ion: 96 Resp: 51077

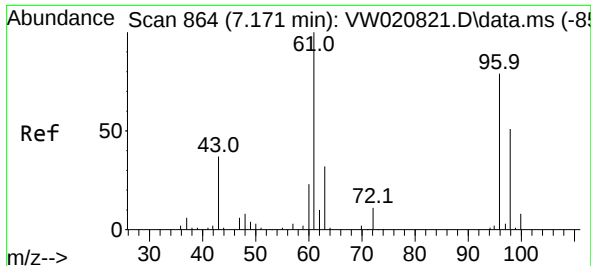
Ion Ratio Lower Upper

96 100

61 119.5 103.7 192.7

68 0.0 0.0 0.0

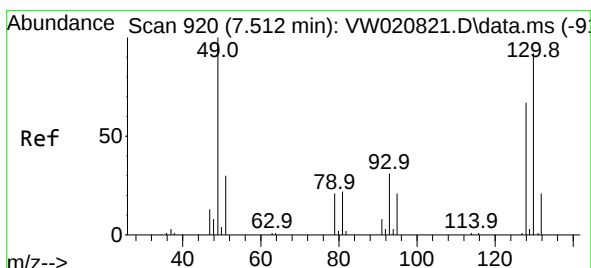
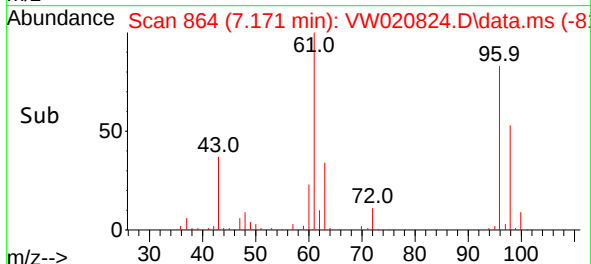
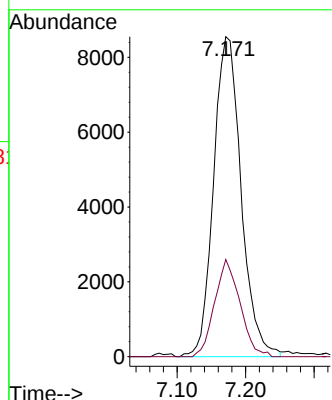
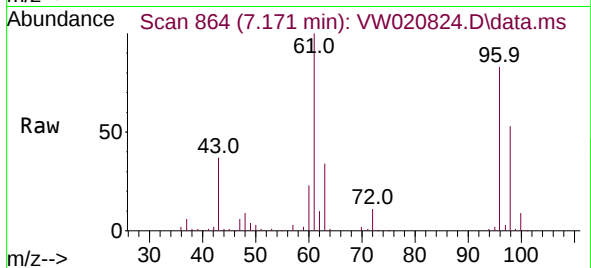




#22
2-Butanone
Concen: 42.402 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

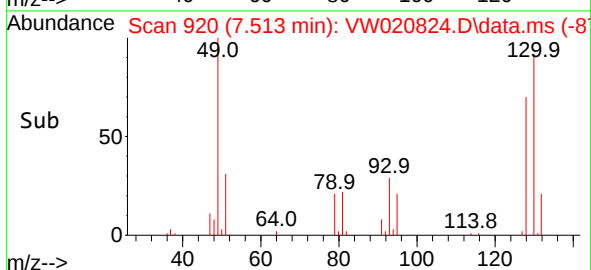
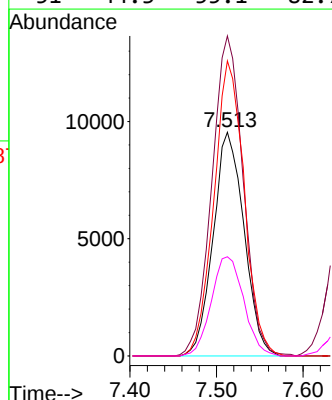
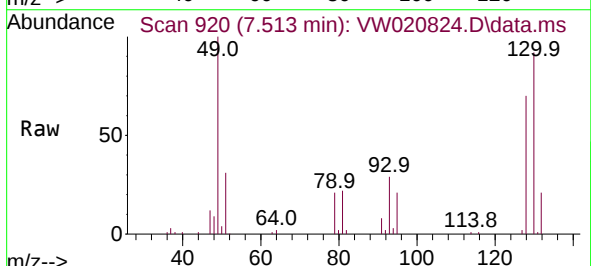
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

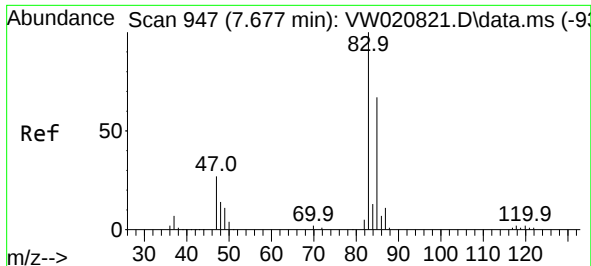
Tgt Ion: 43 Resp: 23869
Ion Ratio Lower Upper
43 100
72 27.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.475 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 128 Resp: 23604
Ion Ratio Lower Upper
128 100
49 143.0 150.3 279.1#
130 131.9 88.3 163.9
51 44.3 55.1 82.7#

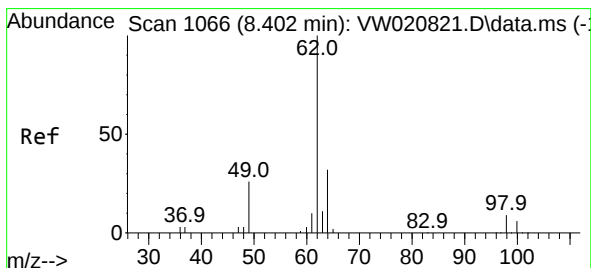
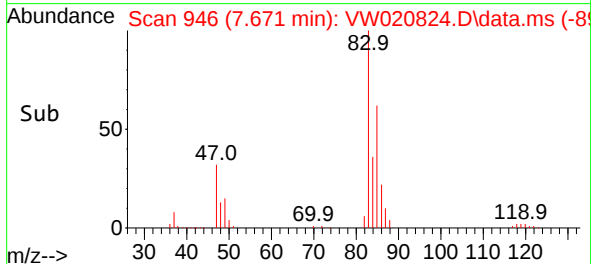
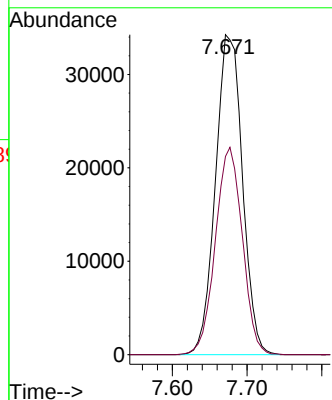
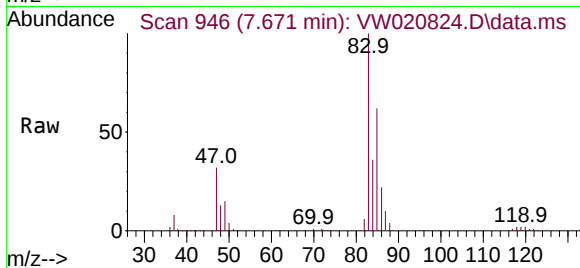




#25
Chloroform
Concen: 24.087 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

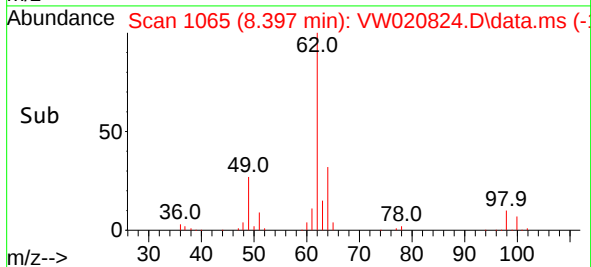
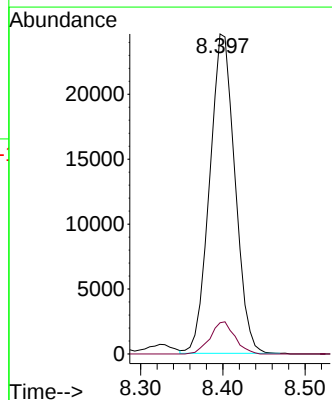
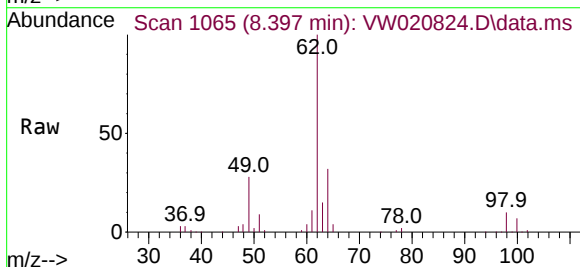
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

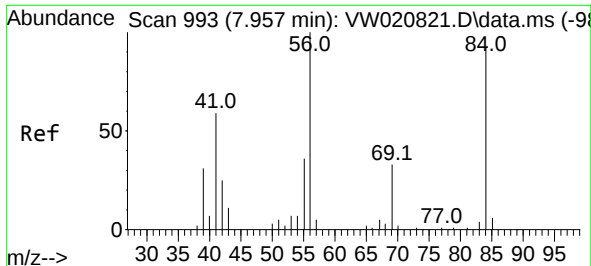
Tgt Ion: 83 Resp: 86103
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.729 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 62 Resp: 52597
Ion Ratio Lower Upper
62 100
98 9.8 6.5 9.7#





#29

Cyclohexane

Concen: 22.588 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

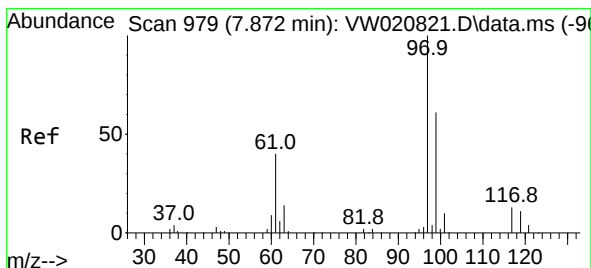
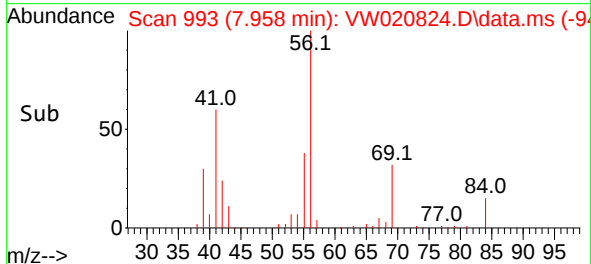
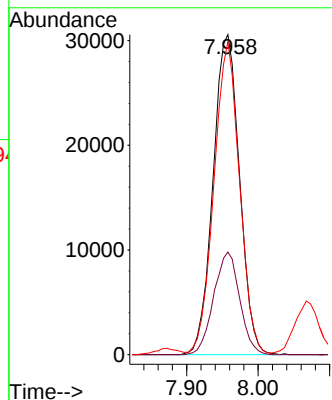
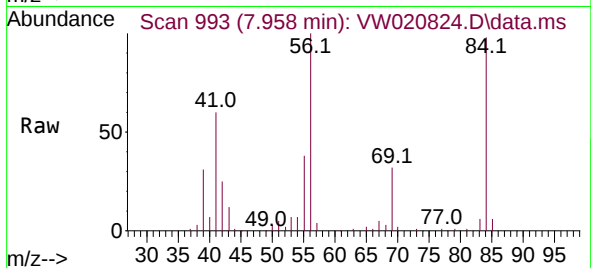
Tgt Ion: 56 Resp: 78483

Ion Ratio Lower Upper

56 100

69 31.5 23.5 35.3

84 94.7 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 24.338 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

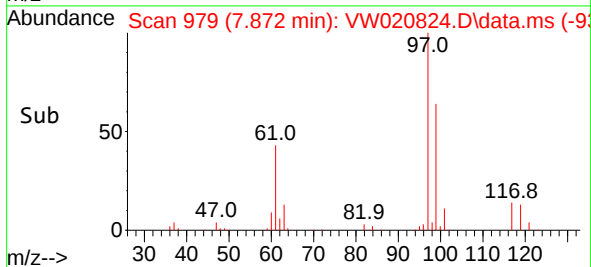
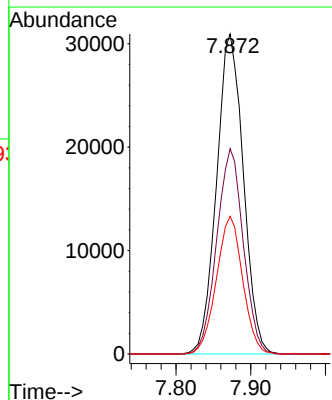
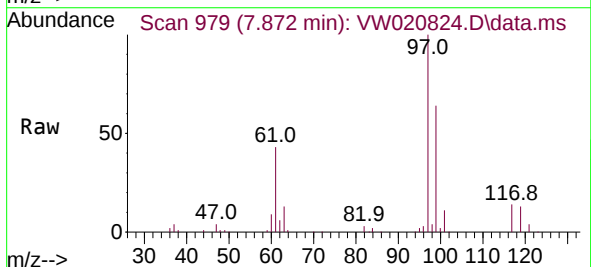
Tgt Ion: 97 Resp: 77023

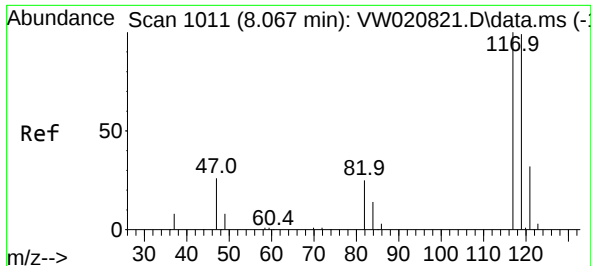
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 42.2 40.9 61.3

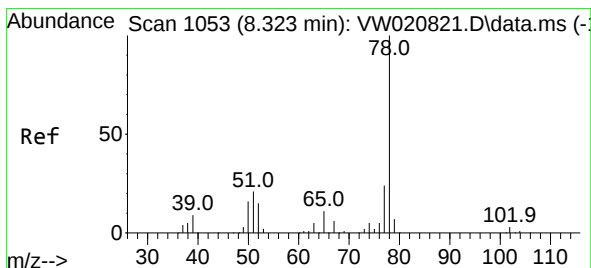
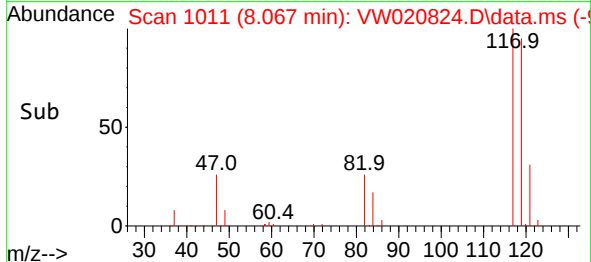
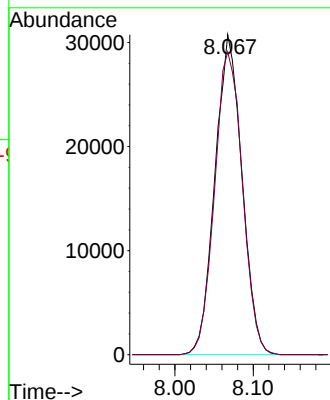
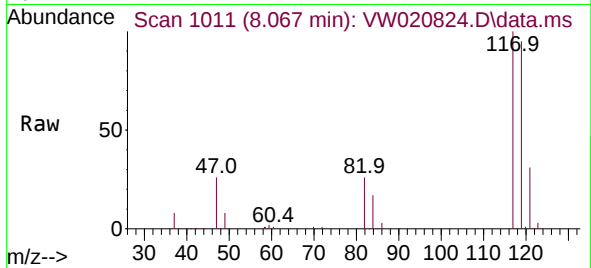




#31
Carbon tetrachloride
Concen: 24.442 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

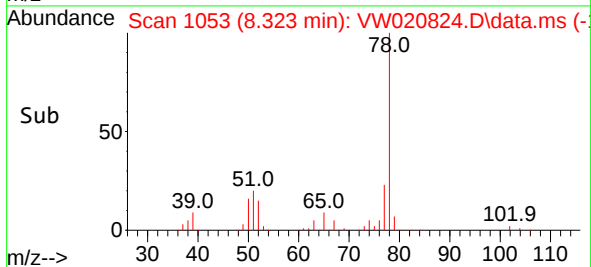
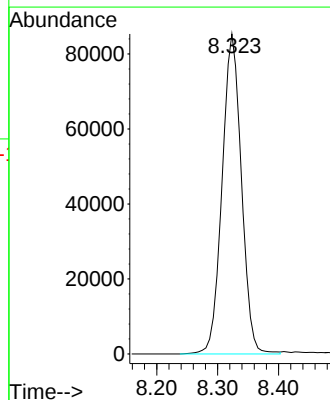
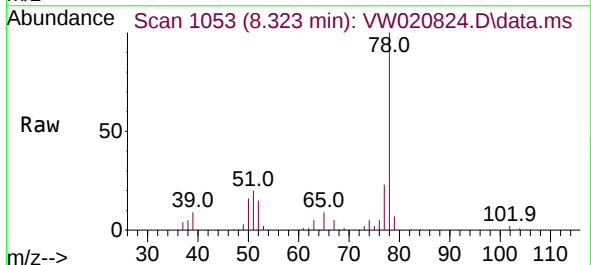
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

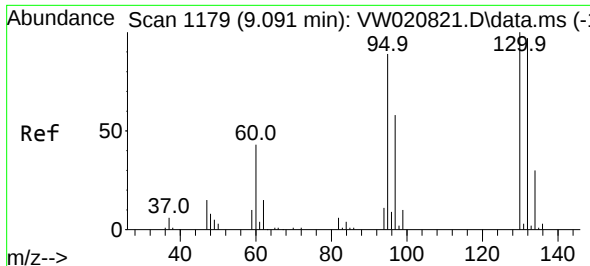
Tgt Ion:117 Resp: 73608
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5



#33
Benzene
Concen: 23.531 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 78 Resp: 187671



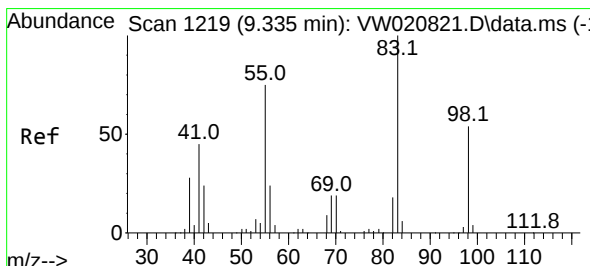
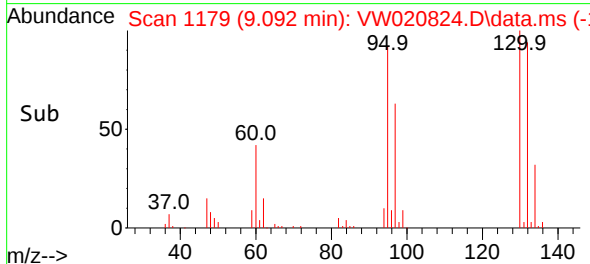
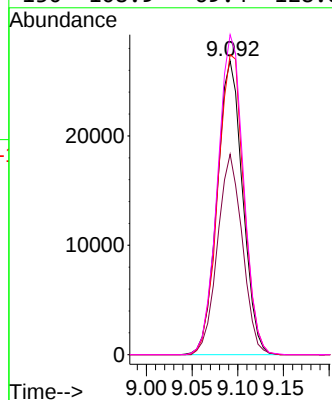
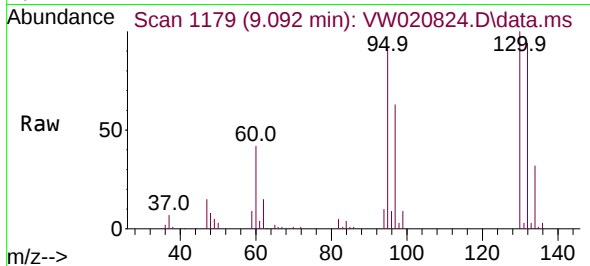


#34
Trichloroethene
Concen: 24.588 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

Tgt Ion: 95 Resp: 52200

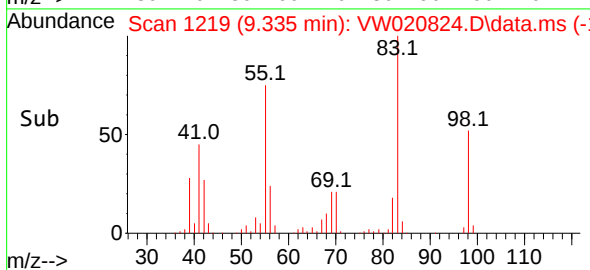
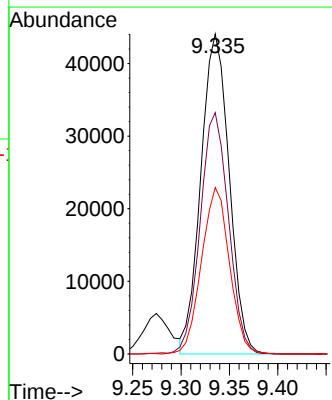
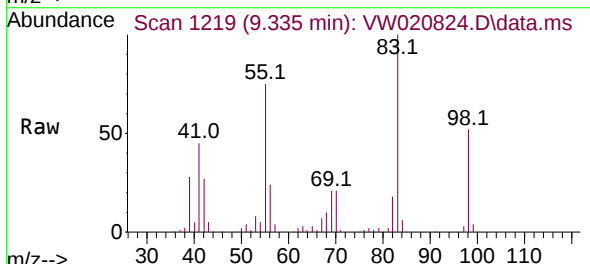
Ion	Ratio	Lower	Upper
95	100		
97	68.3	47.0	87.2
132	102.1	65.5	121.6
130	108.9	69.4	128.8

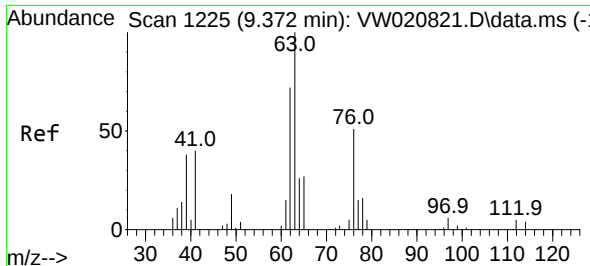


#35
Methylcyclohexane
Concen: 24.269 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 83 Resp: 89910

Ion	Ratio	Lower	Upper
83	100		
55	75.2	70.8	106.2
98	51.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.371 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

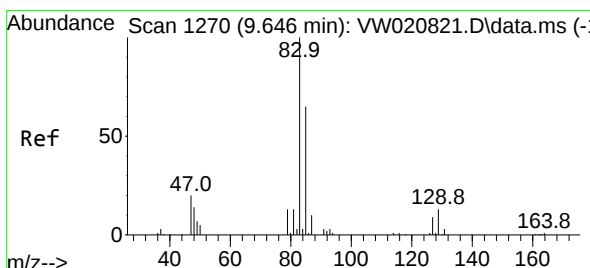
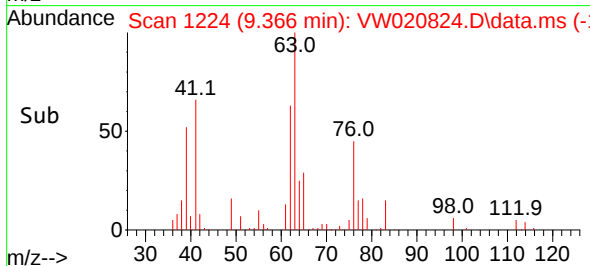
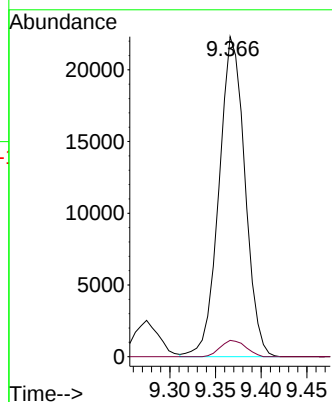
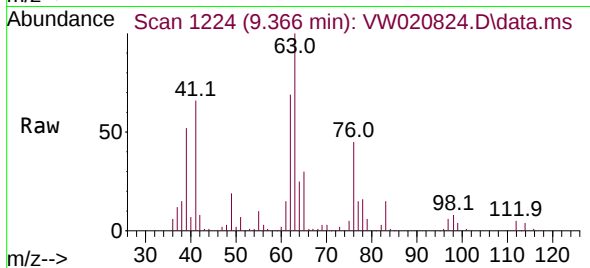
VSTD025488

Tgt Ion: 63 Resp: 44133

Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.042 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

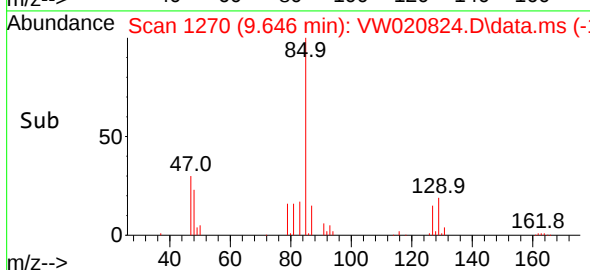
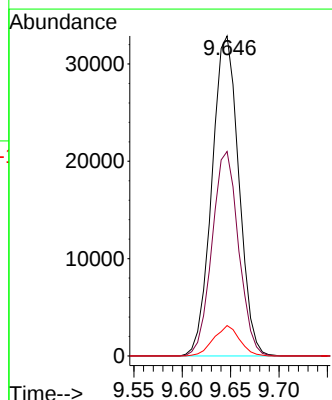
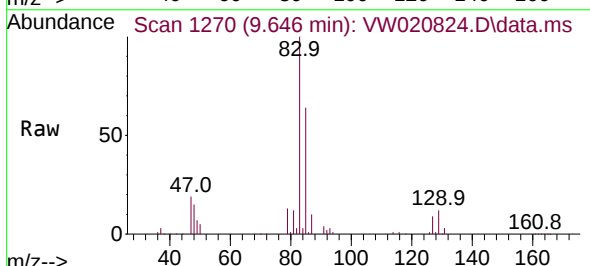
Tgt Ion: 83 Resp: 63552

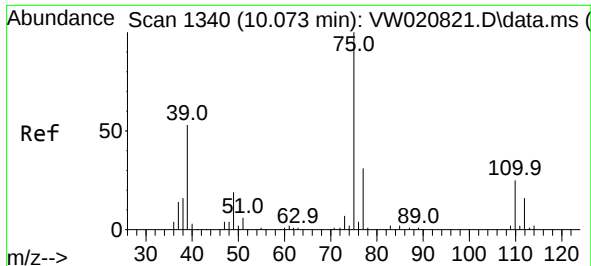
Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.082 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

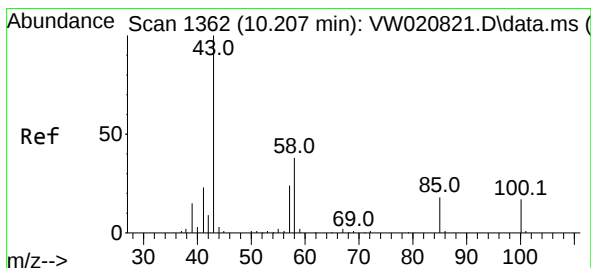
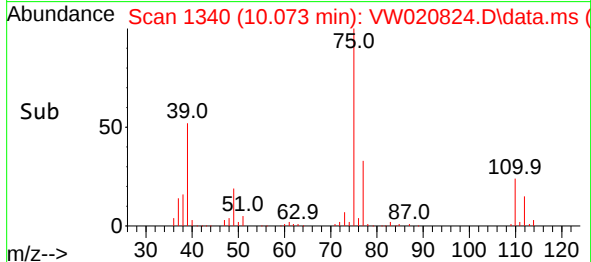
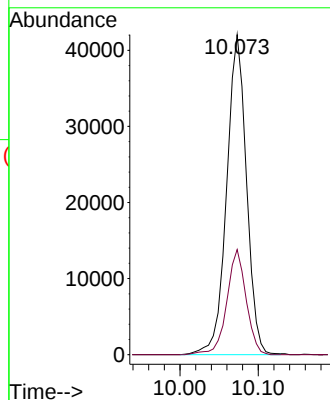
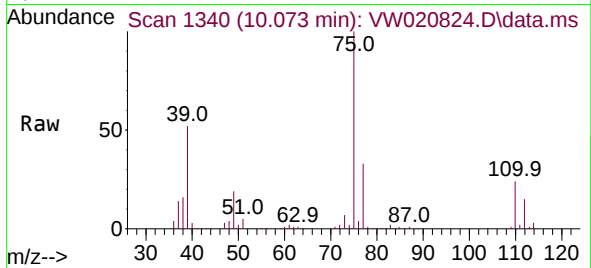
VSTD025488

Tgt Ion: 75 Resp: 74008

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.121 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

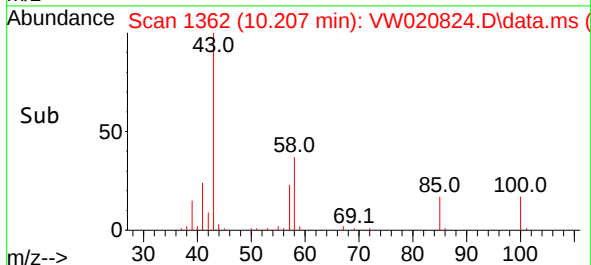
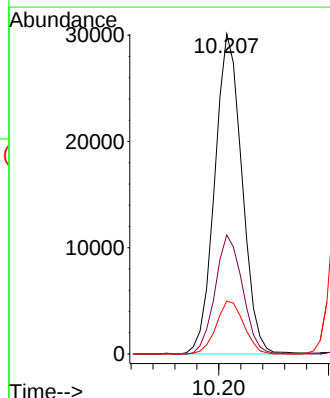
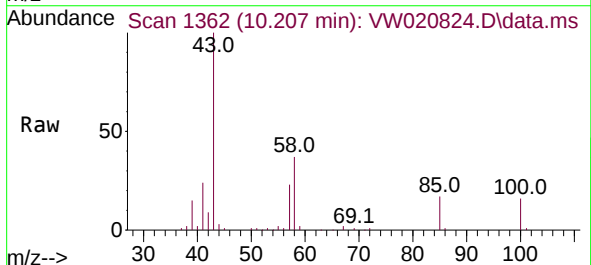
Tgt Ion: 43 Resp: 51982

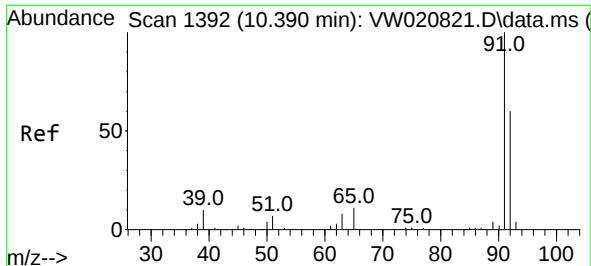
Ion Ratio Lower Upper

43 100

58 37.4 28.8 43.2

100 16.7 10.0 15.0#

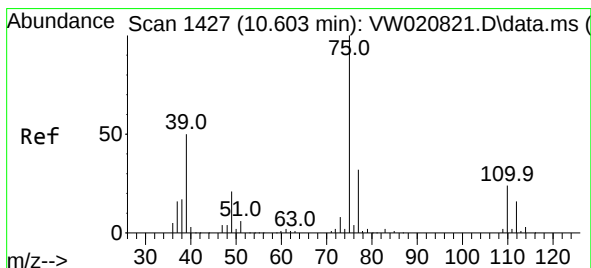
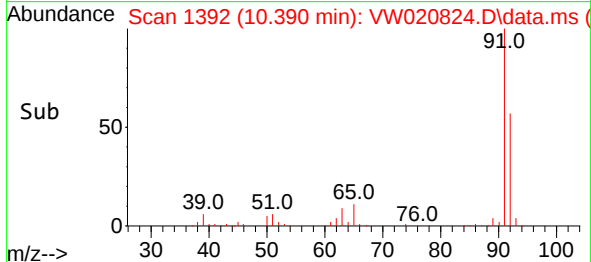
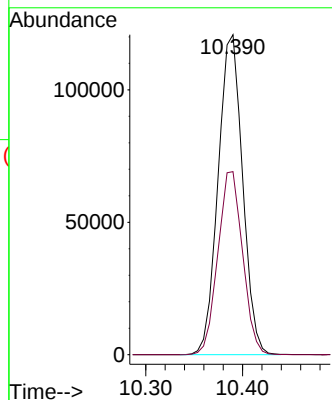
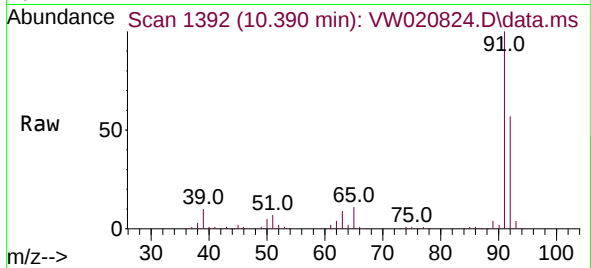




#42
Toluene
Concen: 24.766 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

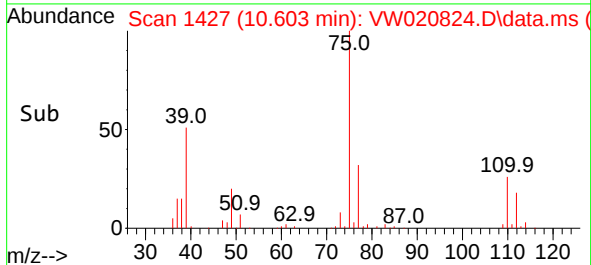
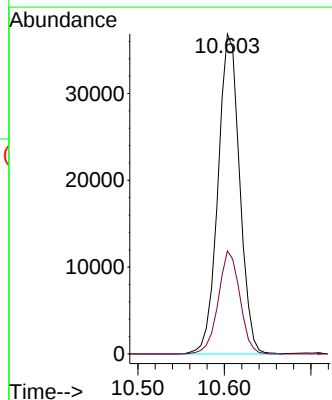
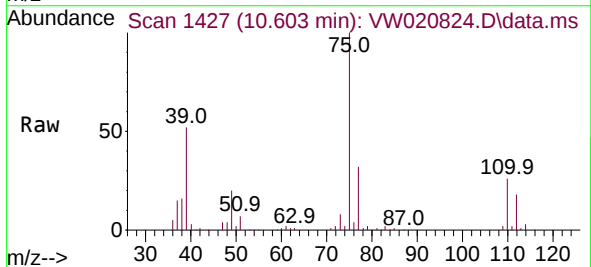
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

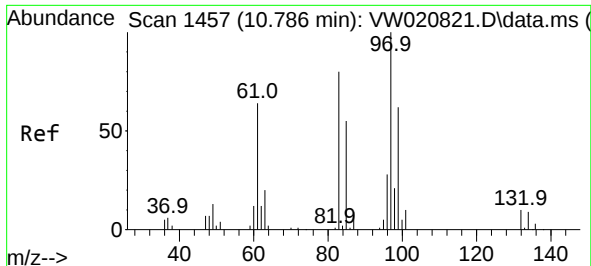
Tgt Ion: 91 Resp: 212403
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.056 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 75 Resp: 64090
Ion Ratio Lower Upper
75 100
77 32.2 22.2 41.2

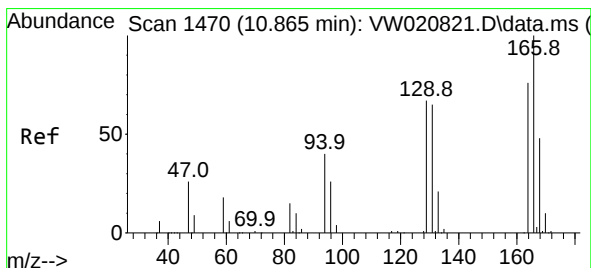
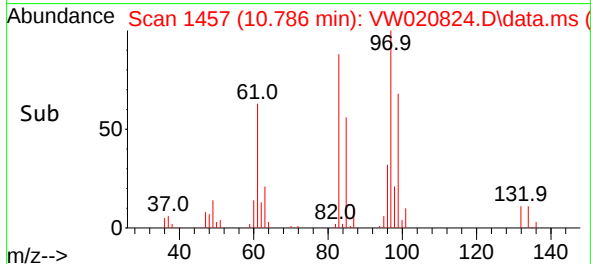
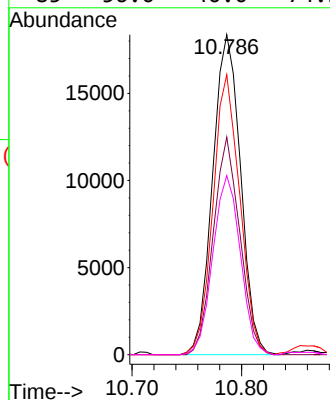
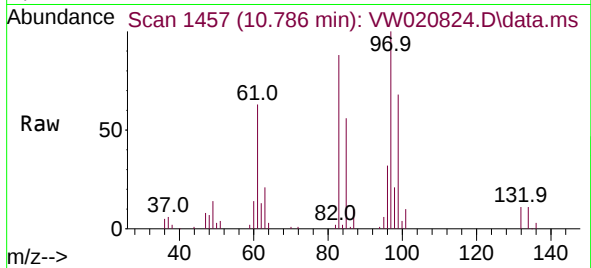




#45
1,1,2-Trichloroethane
Concen: 23.184 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

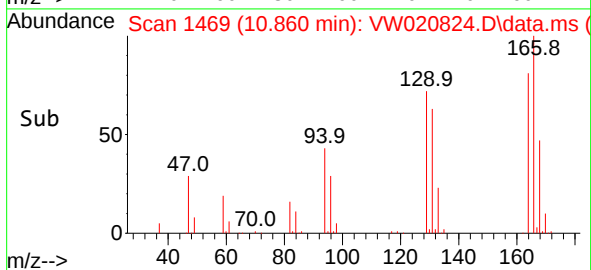
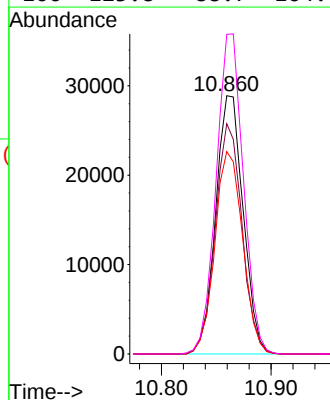
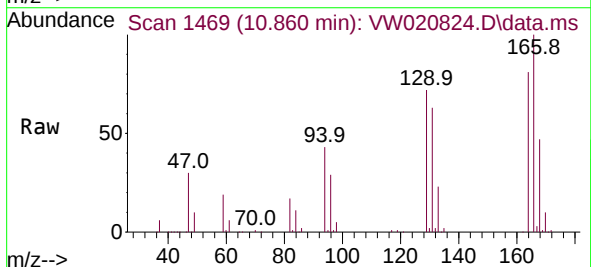
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

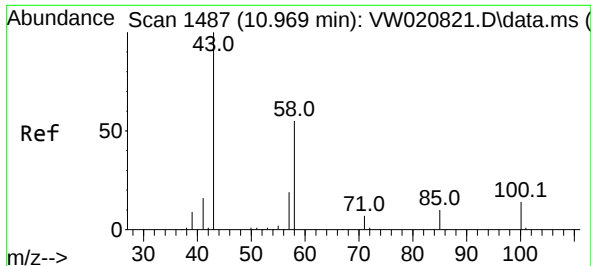
Tgt Ion:	97	Resp:	32490
Ion	Ratio	Lower	Upper
97	100		
99	68.0	43.0	79.8
83	87.5	62.6	116.3
85	56.0	40.0	74.2



#46
Tetrachloroethene
Concen: 26.496 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion:	164	Resp:	50454
Ion	Ratio	Lower	Upper
164	100		
129	89.2	65.5	121.7
131	78.4	59.7	110.9
166	123.8	88.7	164.7

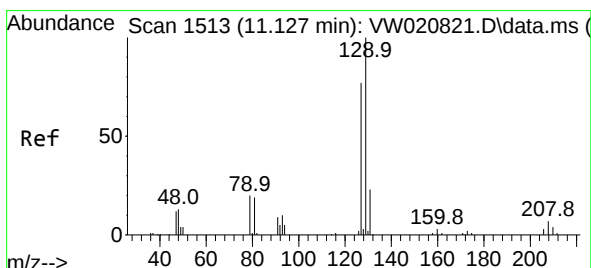
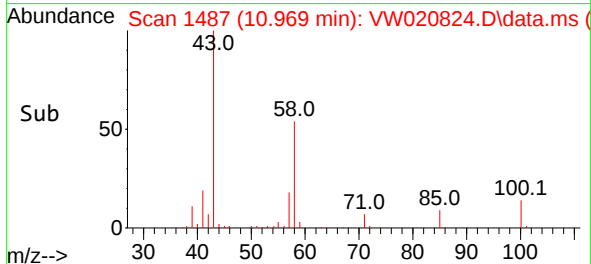
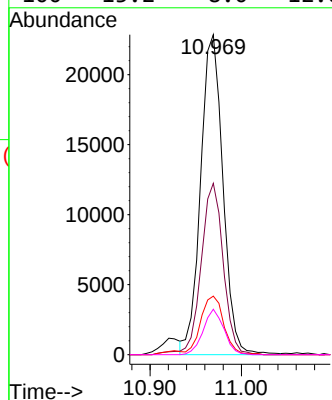
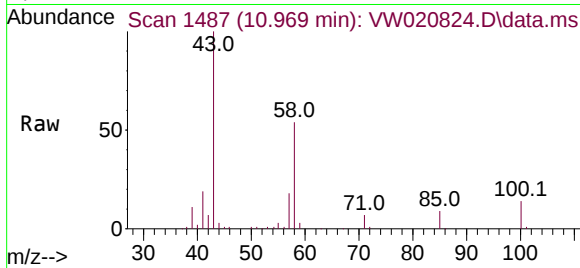




#48
2-Hexanone
Concen: 43.015 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

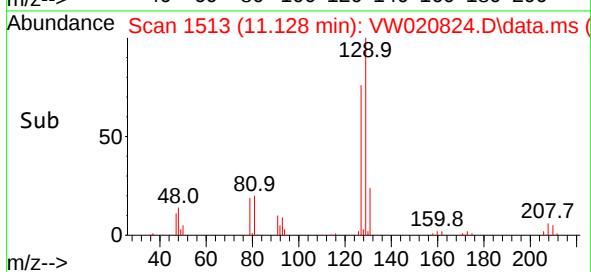
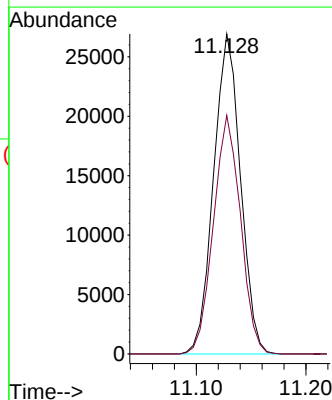
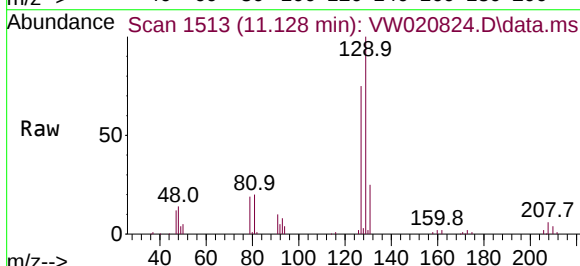
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

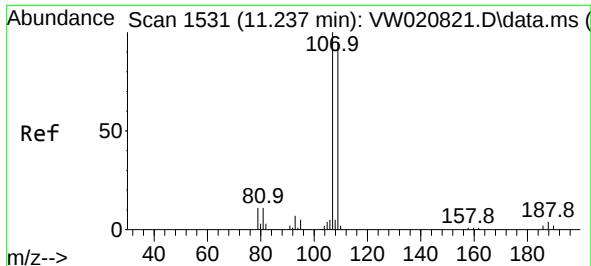
Tgt Ion: 43 Resp: 38763
Ion Ratio Lower Upper
43 100
58 53.2 40.2 60.2
57 18.2 14.3 21.5
100 13.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.011 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 129 Resp: 45950
Ion Ratio Lower Upper
129 100
127 74.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.371 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

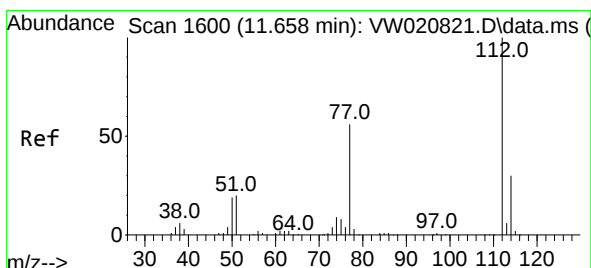
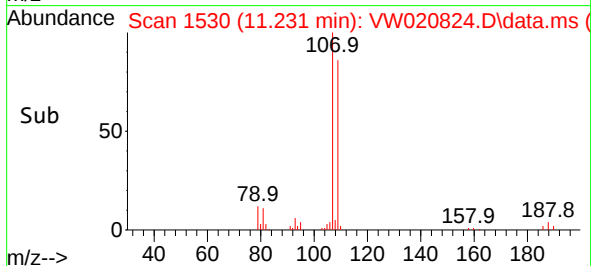
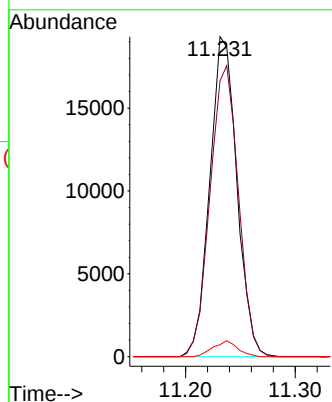
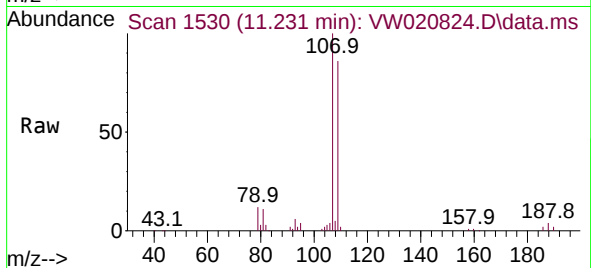
Tgt Ion:107 Resp: 33209

Ion Ratio Lower Upper

107 100

109 86.2 64.1 119.1

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 24.908 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

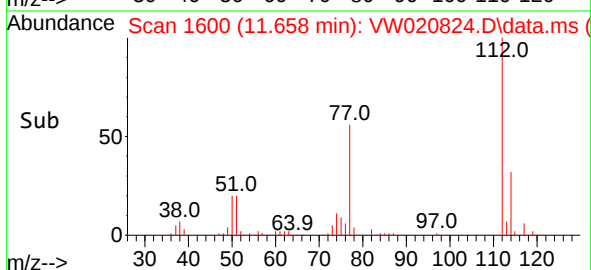
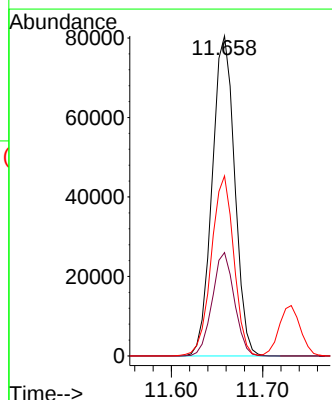
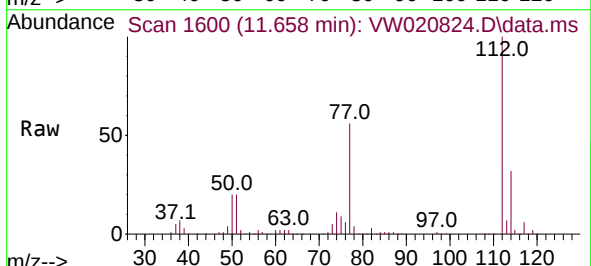
Tgt Ion:112 Resp: 137790

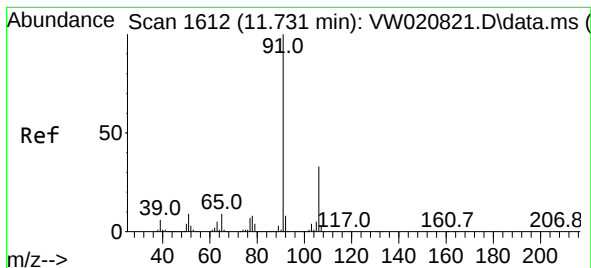
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 56.2 50.2 75.4

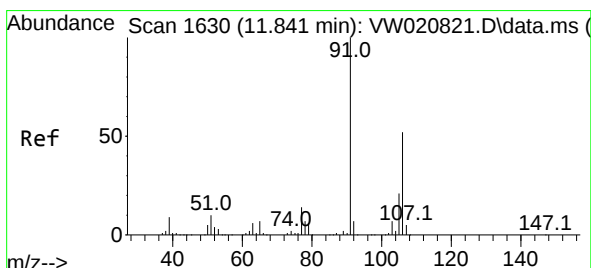
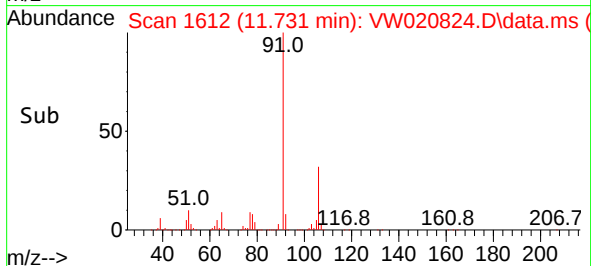
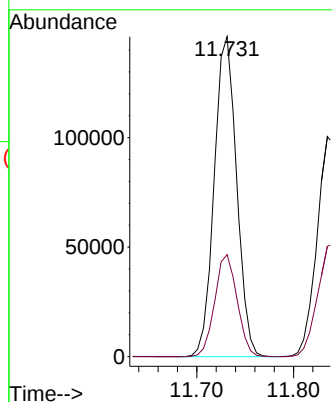
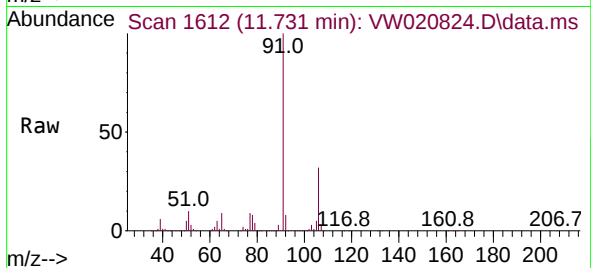




#52
Ethylbenzene
Concen: 24.454 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

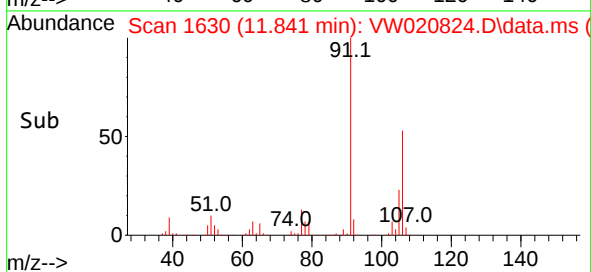
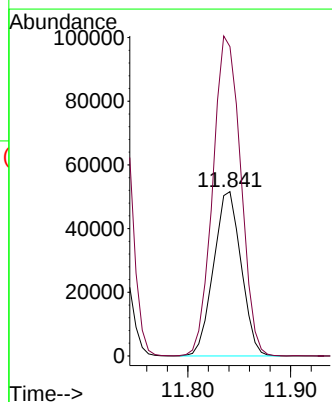
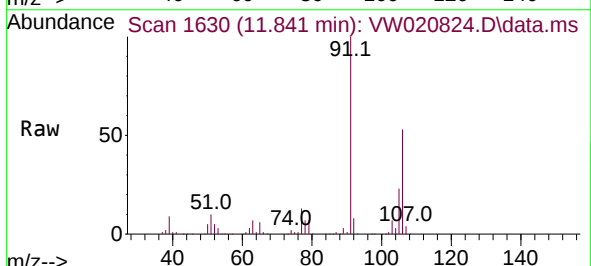
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

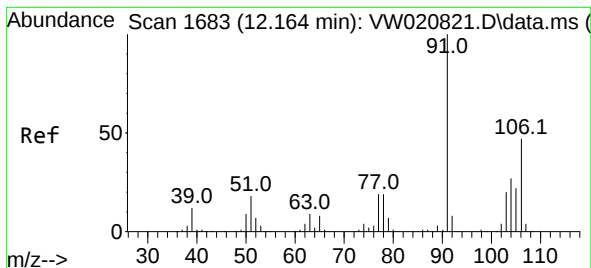
Tgt Ion: 91 Resp: 234984
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9



#53
m,p-Xylene
Concen: 24.974 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 106 Resp: 96149
Ion Ratio Lower Upper
106 100
91 188.2 149.9 278.3





#54

o-Xylene

Concen: 25.018 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

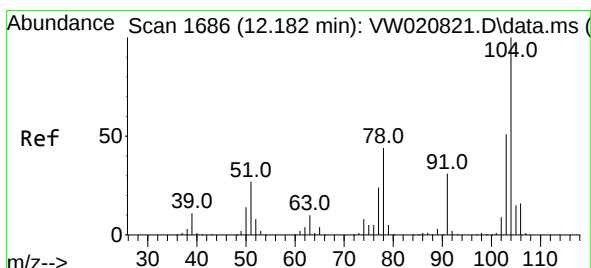
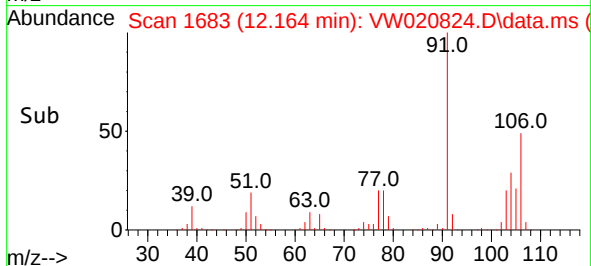
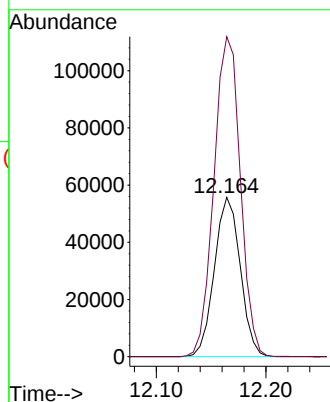
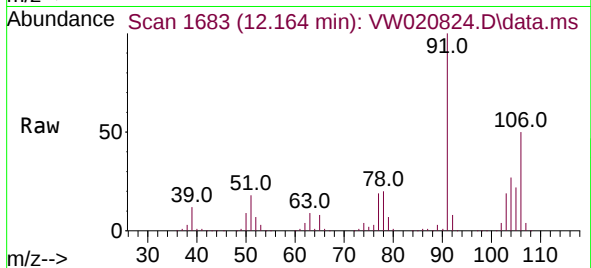
VSTD025488

Tgt Ion:106 Resp: 91240

Ion Ratio Lower Upper

106 100

91 200.9 153.6 285.3



#55

Styrene

Concen: 24.566 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW020824.D

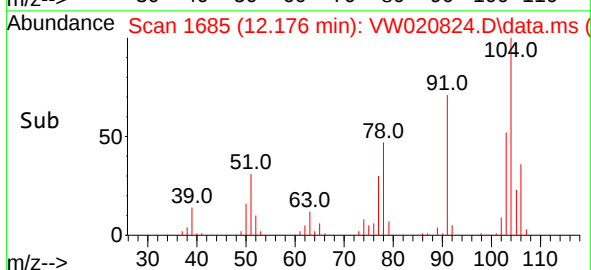
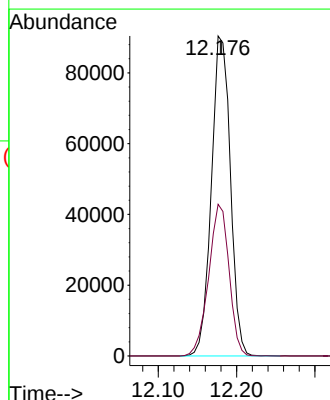
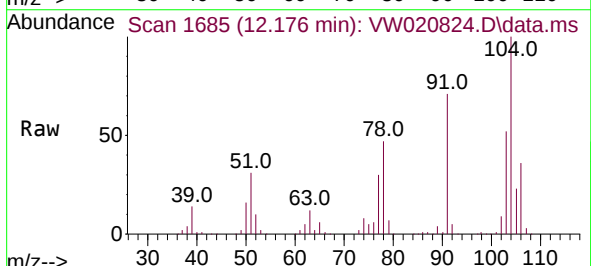
Acq: 09 Nov 2021 16:34

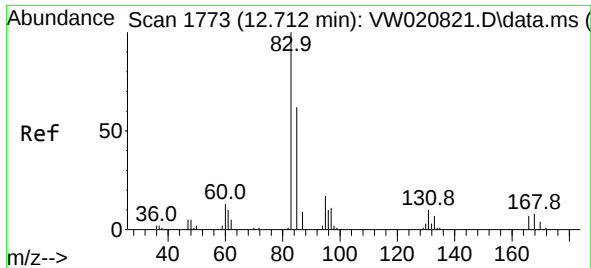
Tgt Ion:104 Resp: 152310

Ion Ratio Lower Upper

104 100

78 47.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.879 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

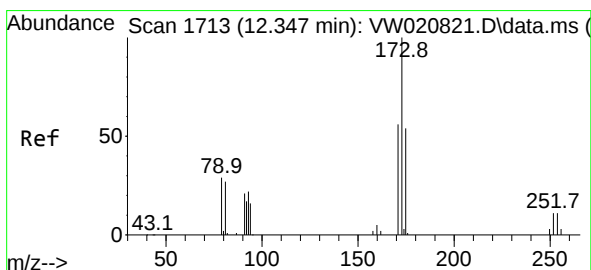
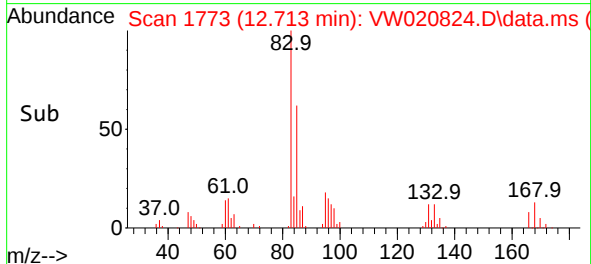
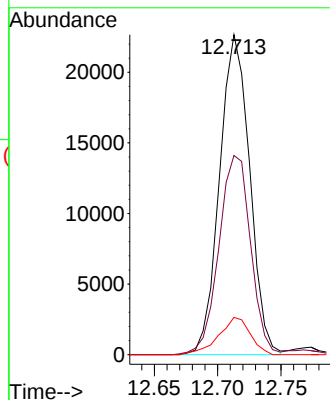
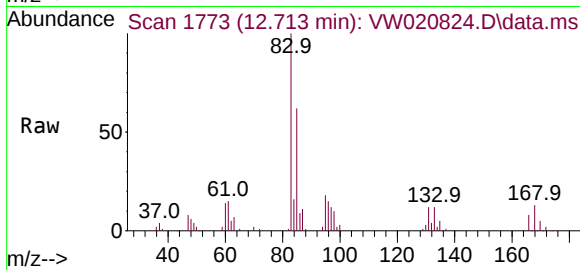
Tgt Ion: 83 Resp: 37577

Ion Ratio Lower Upper

83 100

85 62.2 44.0 81.6

131 11.6 6.9 10.3#



#59

Bromoform

Concen: 22.372 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

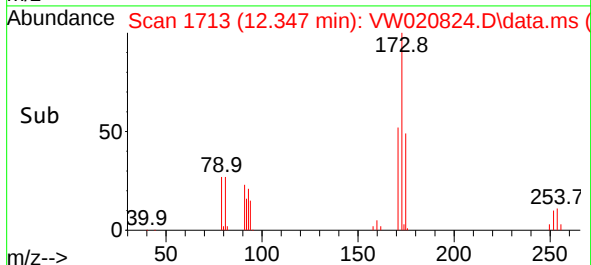
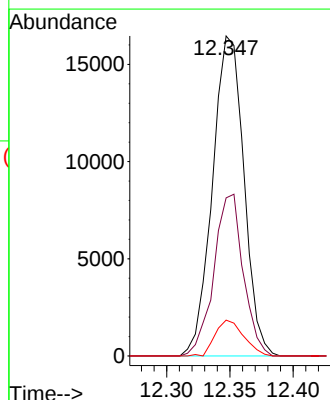
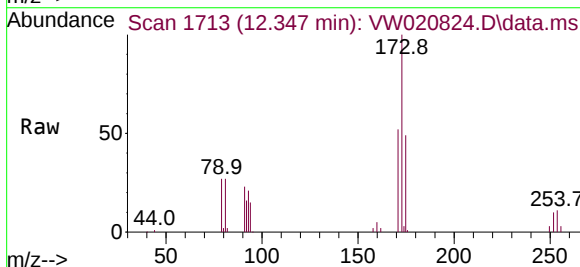
Tgt Ion: 173 Resp: 28436

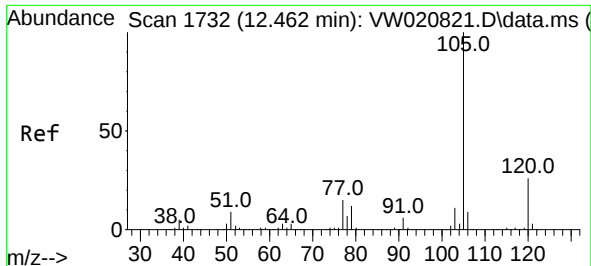
Ion Ratio Lower Upper

173 100

175 47.3 39.6 59.4

254 10.1 7.4 11.0

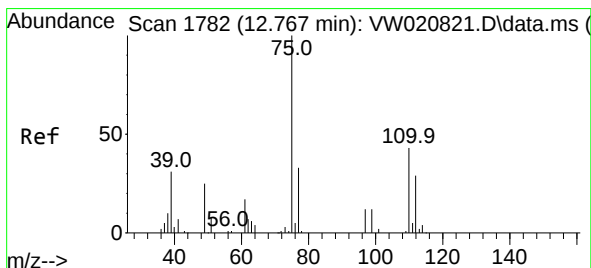
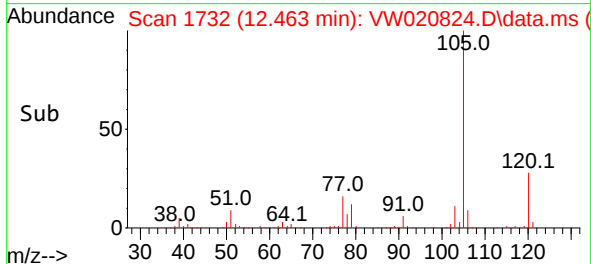
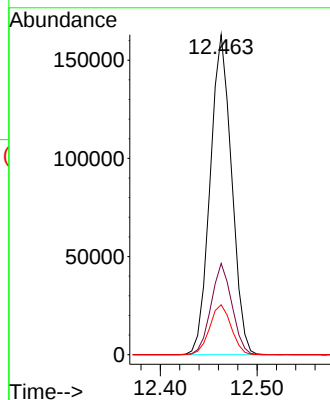
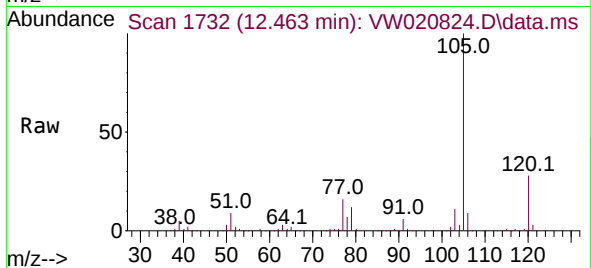




#60
Isopropylbenzene
Concen: 24.245 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

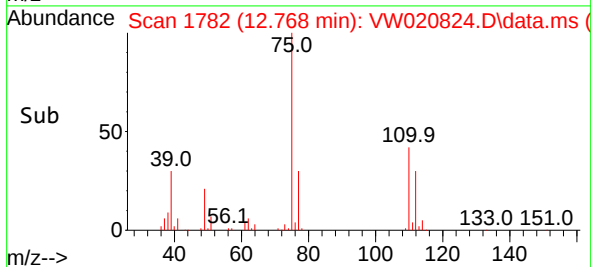
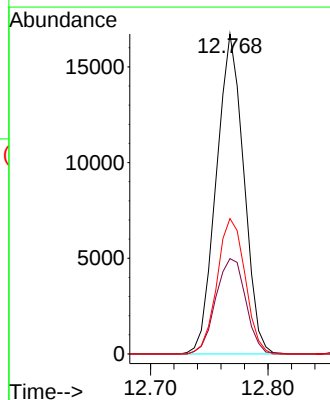
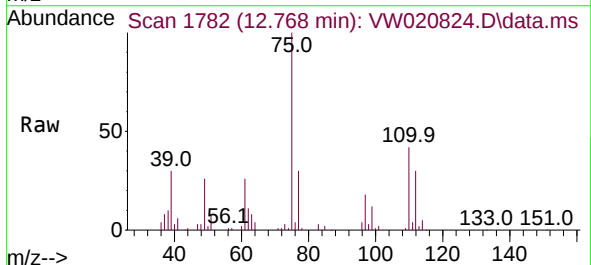
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

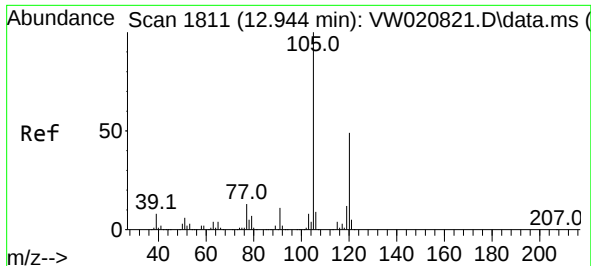
Tgt Ion:105 Resp: 251117
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.859 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion: 75 Resp: 27145
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 43.2 29.0 43.4

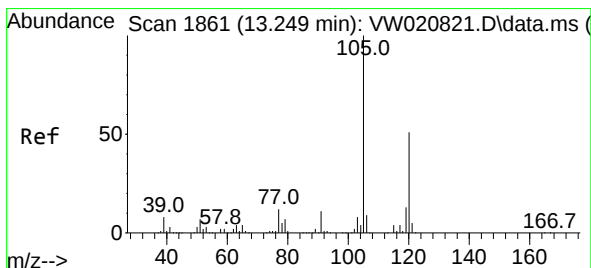
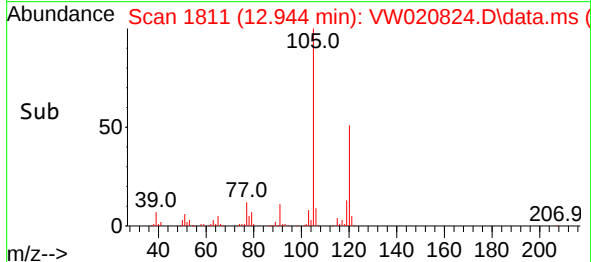
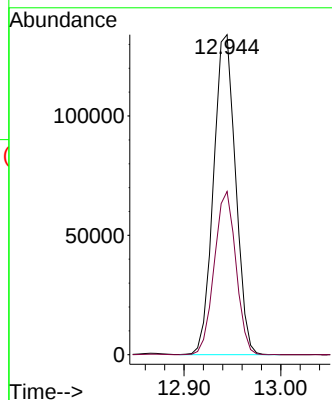
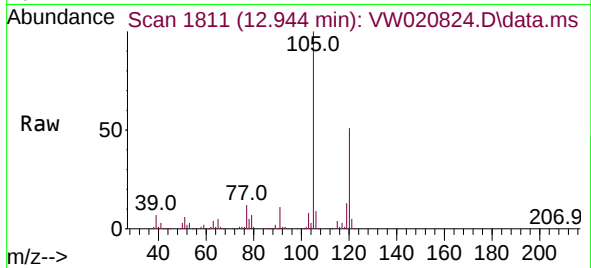




#62
 1,3,5-Trimethylbenzene
 Concen: 23.824 ug/L
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW020824.D
 Acq: 09 Nov 2021 16:34

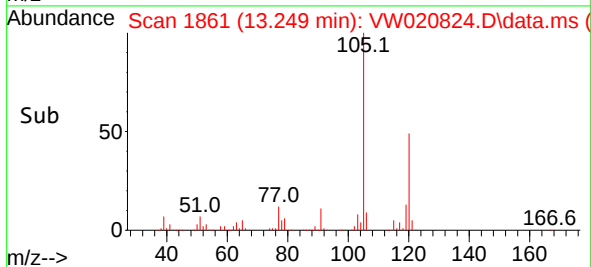
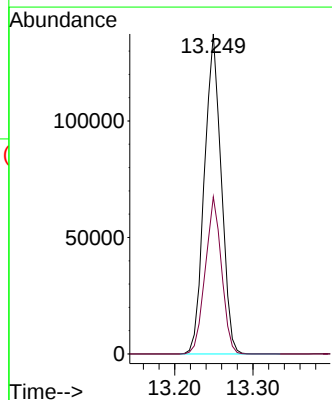
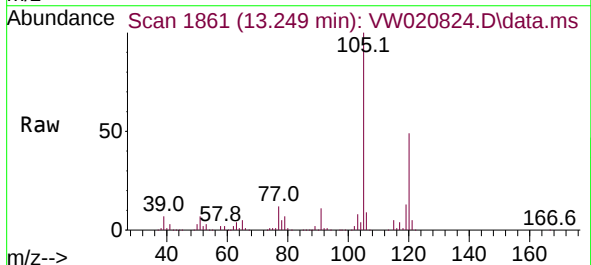
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

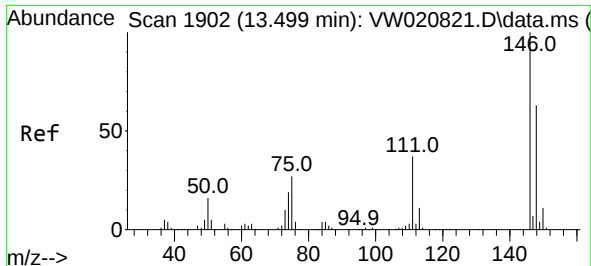
Tgt Ion:105 Resp: 212035
 Ion Ratio Lower Upper
 105 100
 120 50.1 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.126 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020824.D
 Acq: 09 Nov 2021 16:34

Tgt Ion:105 Resp: 204464
 Ion Ratio Lower Upper
 105 100
 120 47.4 35.0 52.6

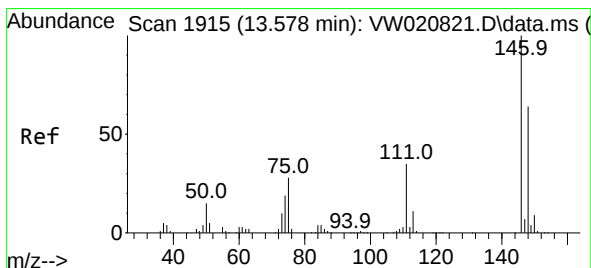
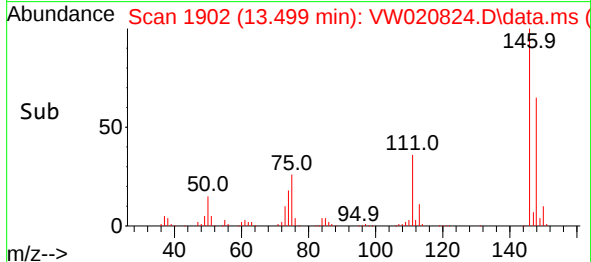
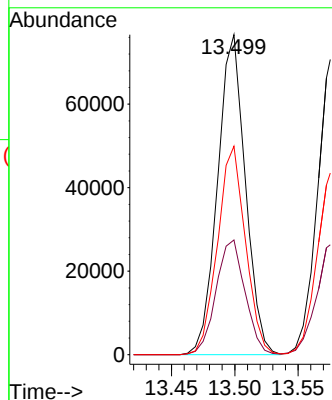
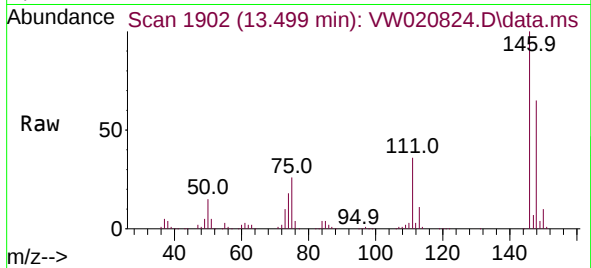




#64
1,3-Dichlorobenzene
Concen: 24.361 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

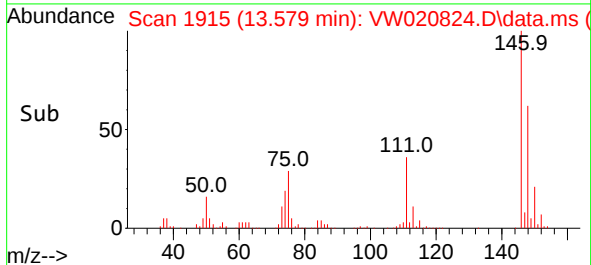
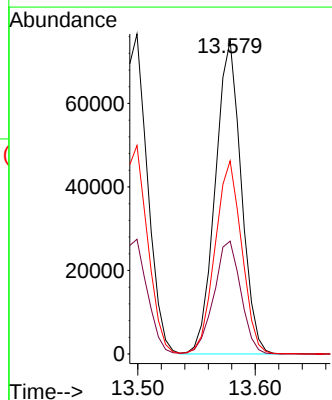
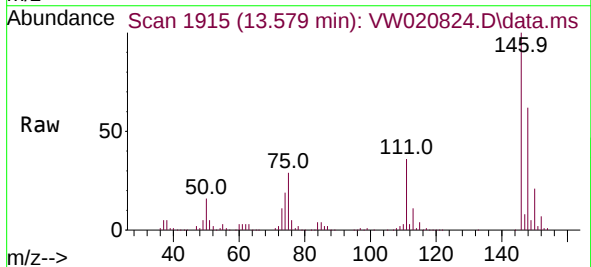
Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

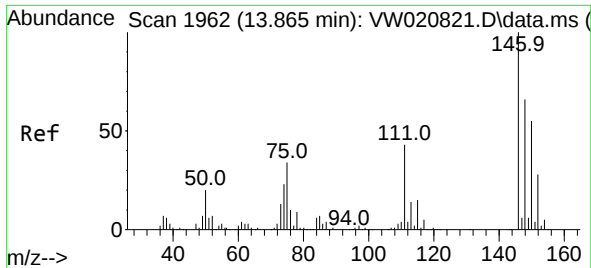
Tgt Ion:146 Resp: 116982
Ion Ratio Lower Upper
146 100
111 35.9 29.8 55.3
148 65.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.094 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion:146 Resp: 115257
Ion Ratio Lower Upper
146 100
111 36.0 29.0 53.9
148 61.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.295 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

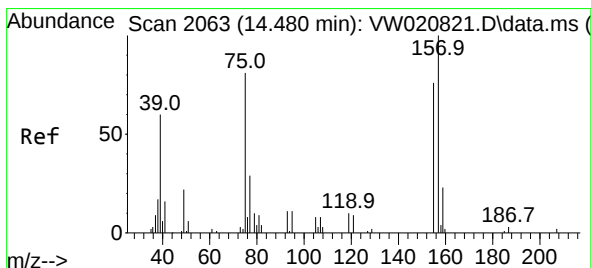
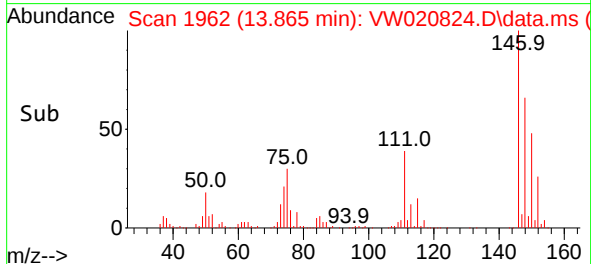
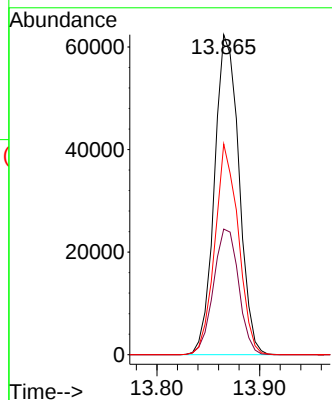
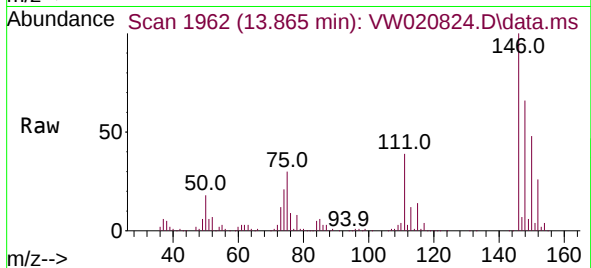
Tgt Ion:146 Resp: 103057

Ion Ratio Lower Upper

146 100

111 39.3 33.1 49.7

148 65.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.905 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

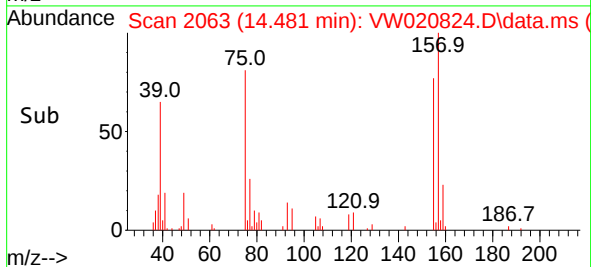
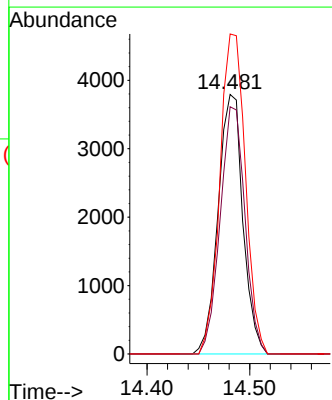
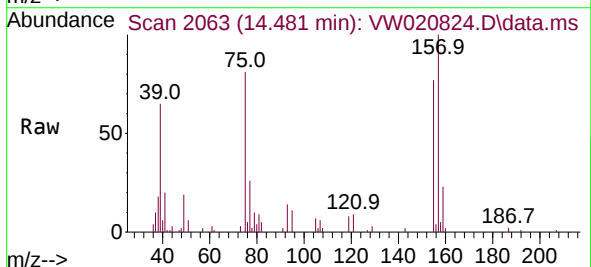
Tgt Ion: 75 Resp: 6346

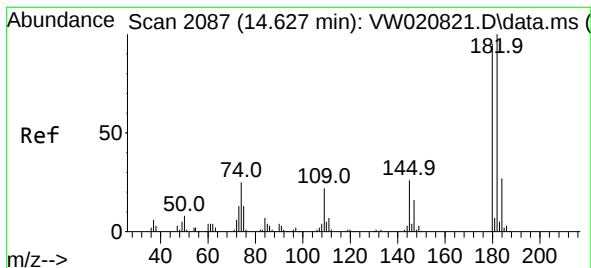
Ion Ratio Lower Upper

75 100

155 95.3 54.2 81.2#

157 123.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.980 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025488

Tgt Ion:180 Resp: 91406

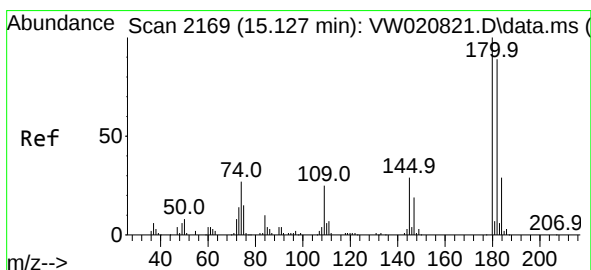
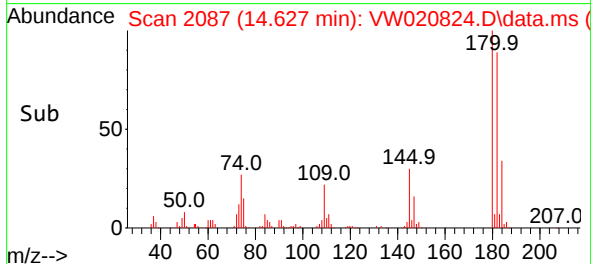
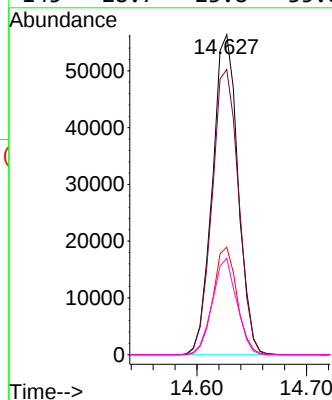
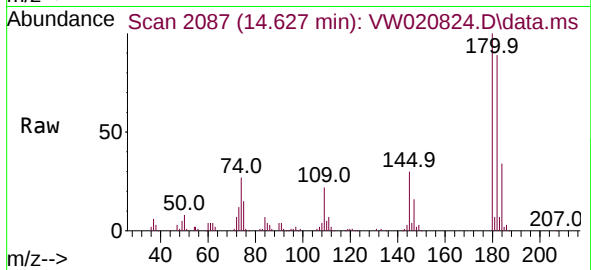
Ion Ratio Lower Upper

180 100

182 92.3 75.4 113.0

184 31.5 23.8 35.8

145 28.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.907 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020824.D

Acq: 09 Nov 2021 16:34

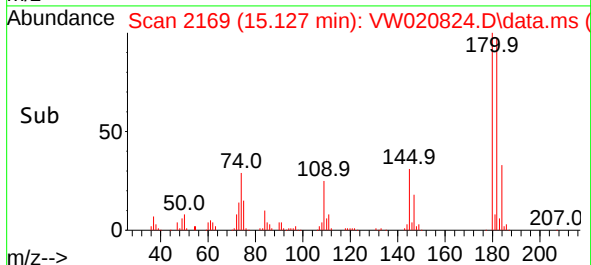
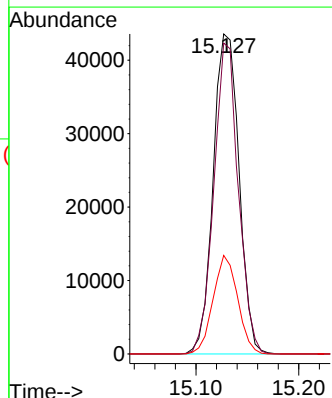
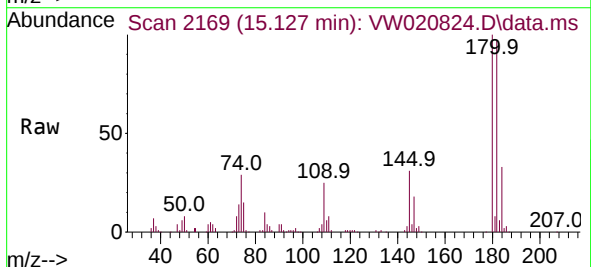
Tgt Ion:180 Resp: 75965

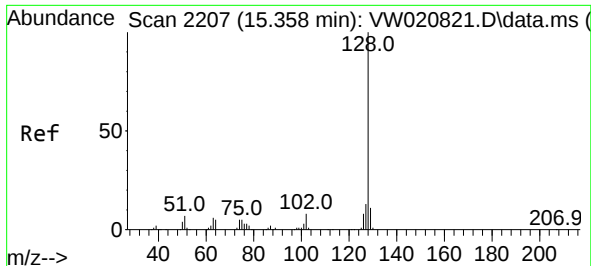
Ion Ratio Lower Upper

180 100

182 92.2 79.0 118.6

145 29.3 26.0 39.0

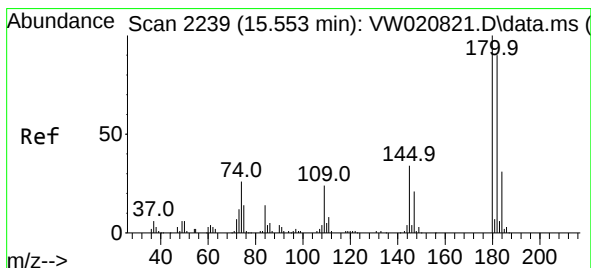
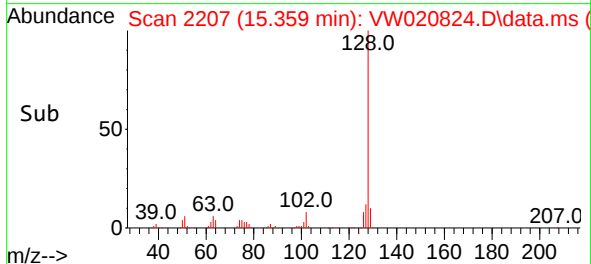
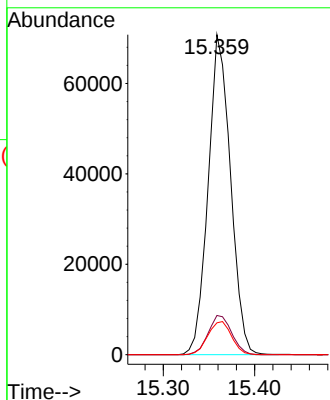
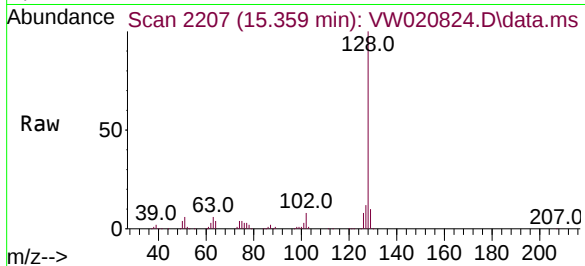




#71
Naphthalene
Concen: 22.402 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

Tgt Ion:	128	Resp:	120321
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.7	16.1
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.128 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020824.D
Acq: 09 Nov 2021 16:34

Tgt Ion:	180	Resp:	59751
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.6	114.8
145	32.2	27.4	41.0

