

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023805.D
 Acq On : 16 Jul 2022 22:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Jul 18 02:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:05:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	180106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	104109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	134872	30.654	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 122.600%		
7) Chloroethane-d5	2.873	69	79369	27.041	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 108.160%		
11) 1,1-Dichloroethene-d2	4.013	63	73571	20.535	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 82.120%		
21) 2-Butanone-d5	7.080	46	34762	50.937	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 101.880%		
24) Chloroform-d	7.647	84	124257	24.775	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 99.080%		
26) 1,2-Dichloroethane-d4	8.305	65	76551	24.956	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 99.840%		
32) Benzene-d6	8.269	84	237894	25.409	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 101.640%		
36) 1,2-Dichloropropane-d6	9.274	67	71262	25.269	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 101.080%		
41) Toluene-d8	10.323	98	241951	25.478	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 101.920%		
43) trans-1,3-Dichloroprop...	10.573	79	32072	24.262	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 97.040%		
47) 2-Hexanone-d5	10.927	63	31117	52.472	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 104.940%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	81436	26.130	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 104.520%		
66) 1,2-Dichlorobenzene-d4	13.853	152	91568	24.638	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 98.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29707	25.377	ug/L	98
3) Chloromethane	2.215	50	72619	25.331	ug/L	93
5) Vinyl chloride	2.355	62	137112	27.853	ug/L	98
6) Bromomethane	2.770	94	77704	24.403	ug/L	98
8) Chloroethane	2.910	64	53069	23.043	ug/L	96
9) Trichlorofluoromethane	3.245	101	57250	25.584	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	45162	20.623	ug/L	97
12) 1,1-Dichloroethene	4.031	96	39019	21.368	ug/L	91
13) Acetone	4.123	43	19833	41.104	ug/L	98
14) Carbon disulfide	4.379	76	98218	18.284	ug/L	97
15) Methyl Acetate	4.672	43	24785	22.951	ug/L	98
16) Methylene chloride	4.909	84	52600	19.527	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	47817	21.582	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	80535	23.495	ug/L	97
19) 1,1-Dichloroethane	6.208	63	93110	22.783	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	56627	23.070	ug/L #	98
22) 2-Butanone	7.171	43	37638	47.467	ug/L	97
23) Bromochloromethane	7.513	128	27074	22.961	ug/L	94
25) Chloroform	7.677	83	108117	22.963	ug/L	99

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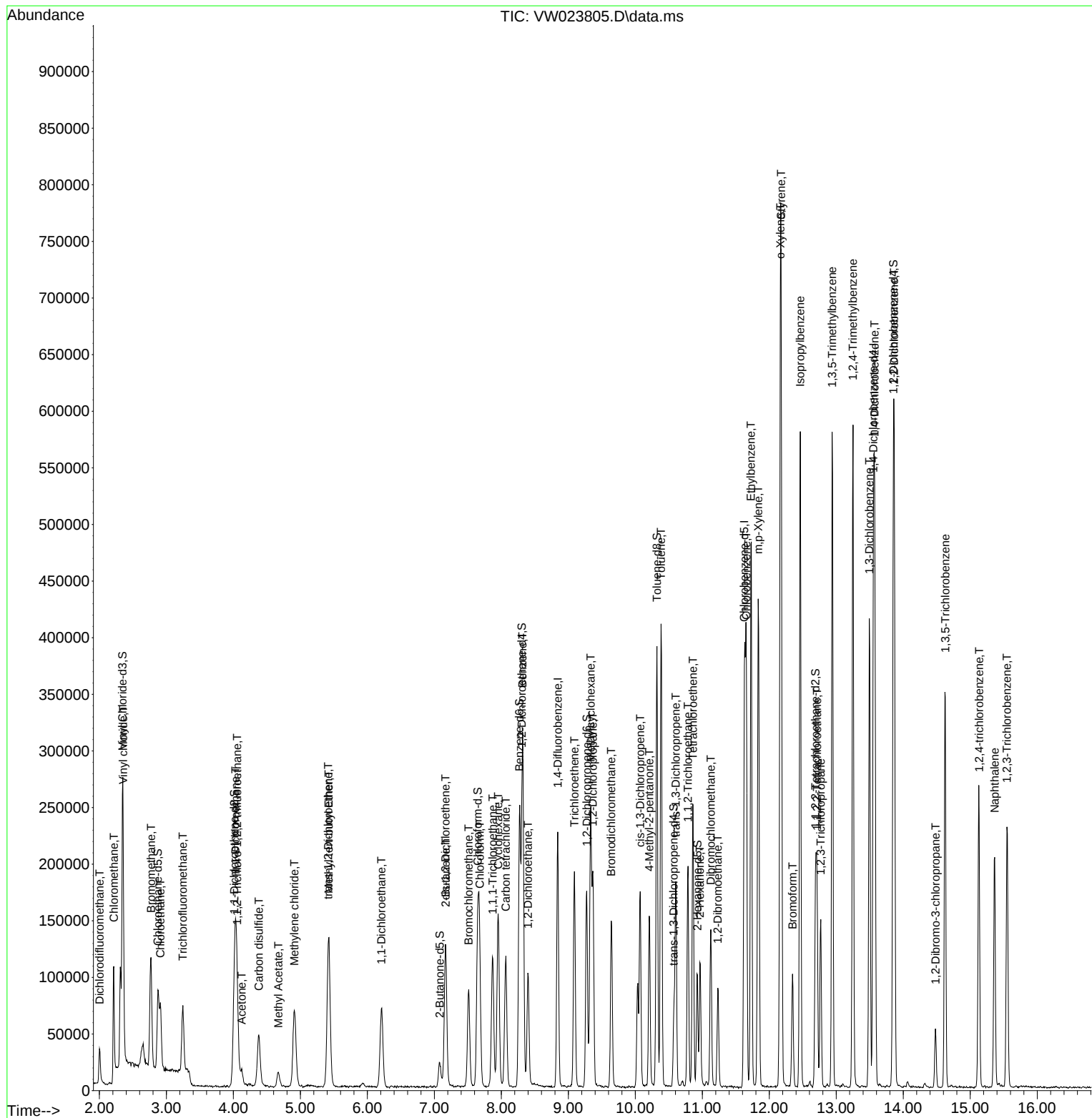
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	84246	24.312	ug/L #	95
29) Cyclohexane	7.952	56	70055	21.267	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	86304	22.131	ug/L	97
31) Carbon tetrachloride	8.067	117	75859	21.579	ug/L	97
33) Benzene	8.317	78	233542	22.818	ug/L	100
34) Trichloroethene	9.092	95	59662	22.075	ug/L	100
35) Methylcyclohexane	9.335	83	88632	21.536	ug/L	98
37) 1,2-Dichloropropane	9.366	63	61566	23.993	ug/L #	94
38) Bromodichloromethane	9.640	83	88997	24.851	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	91202	23.582	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	93405	52.311	ug/L	98
42) Toluene	10.384	91	282385	24.193	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	88490	24.073	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	52942	23.596	ug/L	98
46) Tetrachloroethene	10.860	164	48227	23.077	ug/L	96
48) 2-Hexanone	10.963	43	68049	52.345	ug/L	98
49) Dibromochloromethane	11.128	129	65198	25.058	ug/L	98
50) 1,2-Dibromoethane	11.231	107	51723	23.996	ug/L	93
51) Chlorobenzene	11.658	112	189727	24.101	ug/L	97
52) Ethylbenzene	11.725	91	321116	24.209	ug/L	95
53) m,p-Xylene	11.835	106	123881	23.938	ug/L	97
54) o-Xylene	12.164	106	122819	24.712	ug/L	98
55) Styrene	12.176	104	232270	26.454	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	75384	24.632	ug/L #	96
59) Bromoform	12.347	173	38193	24.879	ug/L #	98
60) Isopropylbenzene	12.463	105	340003	24.312	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54272	23.774	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	279275	24.392	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	280688	24.520	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	151549	23.867	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	156376	23.149	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	146276	24.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12123	23.025	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	93589	22.268	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	69535	21.426	ug/L	99
71) Naphthalene	15.365	128	159075	22.851	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	67601	22.348	ug/L	99

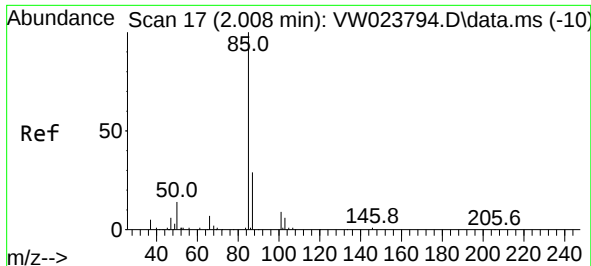
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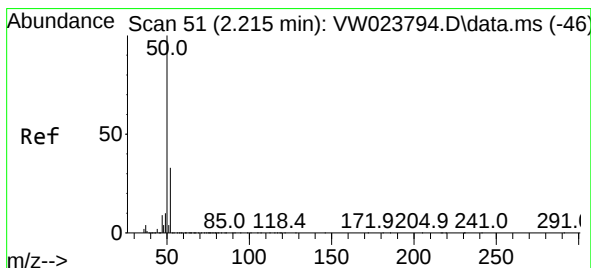
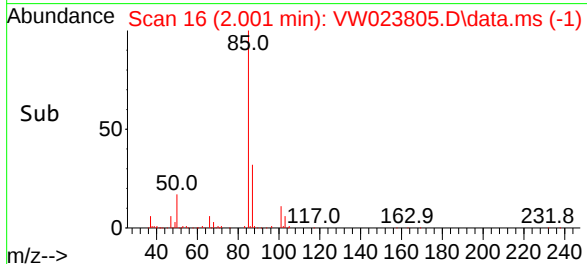
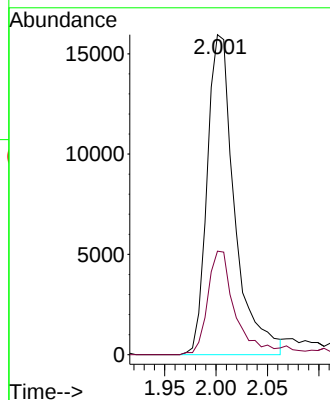
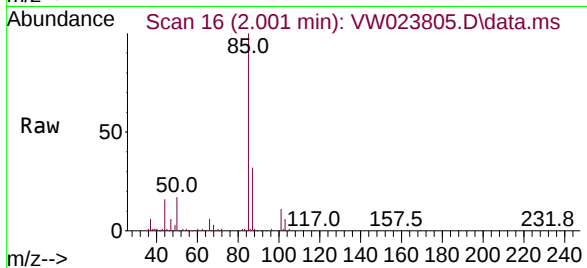




#2
Dichlorodifluoromethane
Concen: 25.377 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

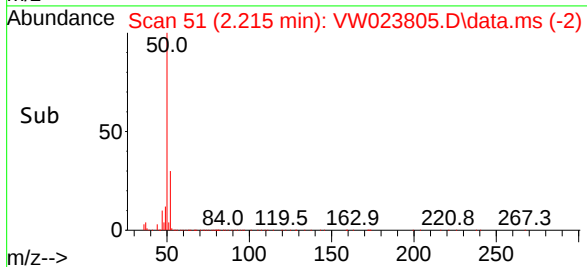
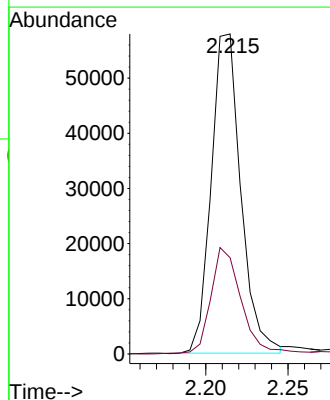
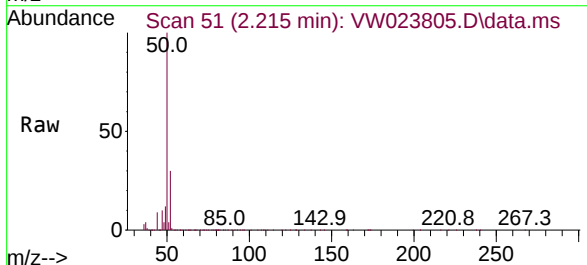
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ClientSampleId :
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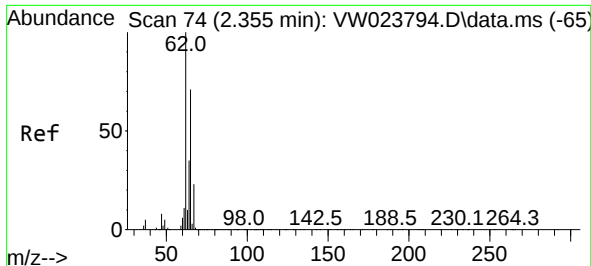
Tgt Ion: 85 Resp: 29707
Ion Ratio Lower Upper
85 100
87 31.7 24.7 37.1



#3
Chloromethane
Concen: 25.331 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 50 Resp: 72619
Ion Ratio Lower Upper
50 100
52 30.0 23.7 44.1

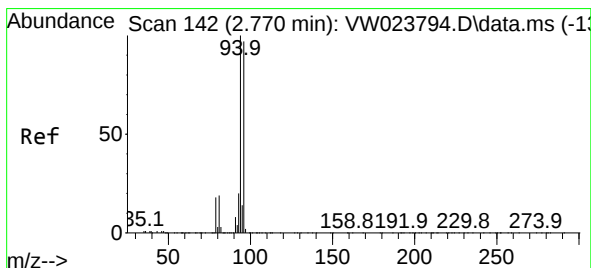
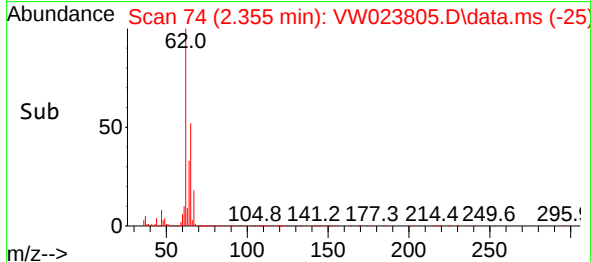
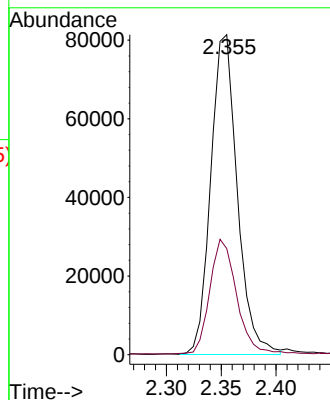
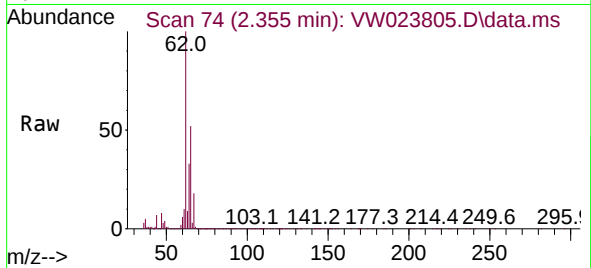




#5
 Vinyl chloride
 Concen: 27.853 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

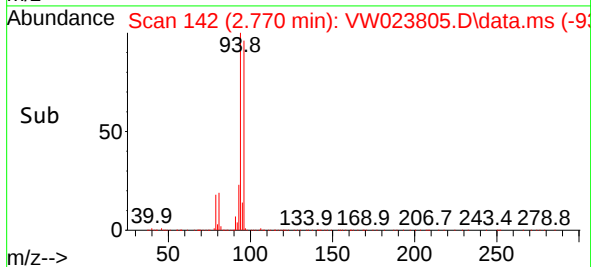
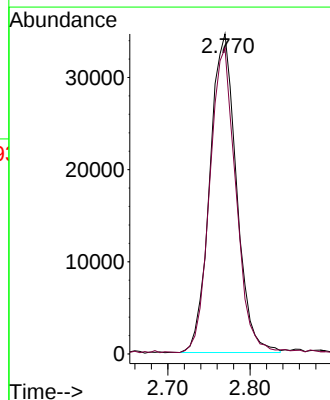
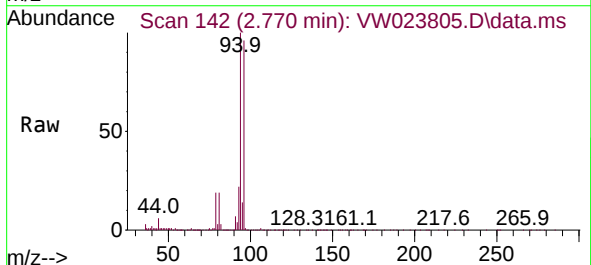
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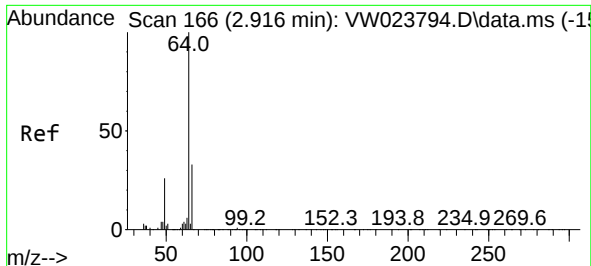
Tgt Ion: 62 Resp: 137112
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.0 44.6



#6
 Bromomethane
 Concen: 24.403 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

Tgt Ion: 94 Resp: 77704
 Ion Ratio Lower Upper
 94 100
 96 95.6 68.2 126.6

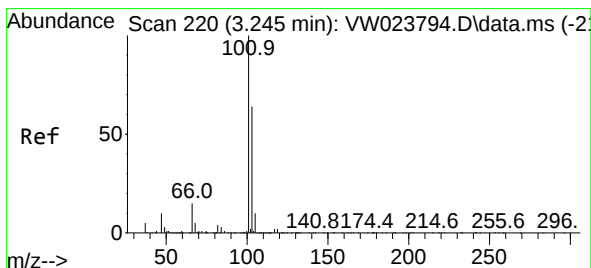
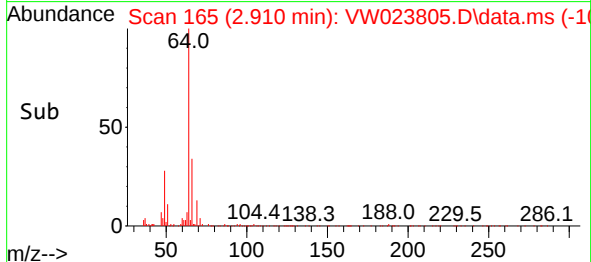
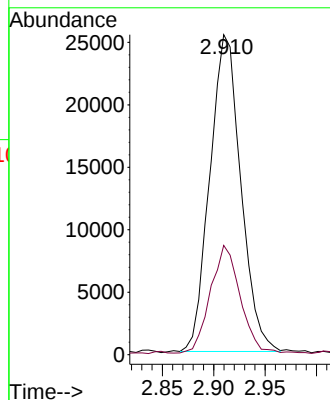
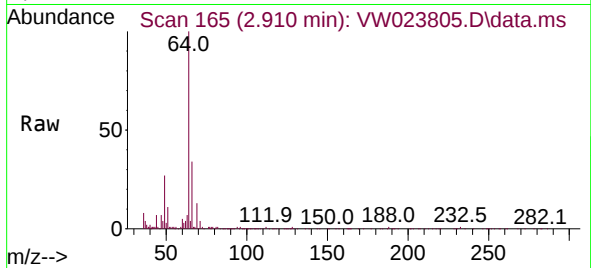




#8
Chloroethane
Concen: 23.043 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

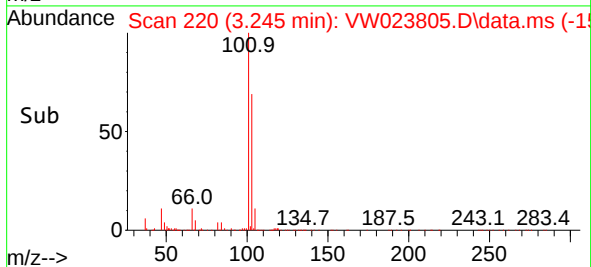
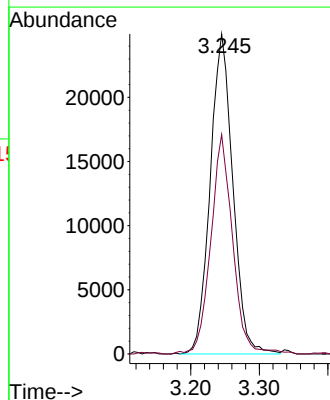
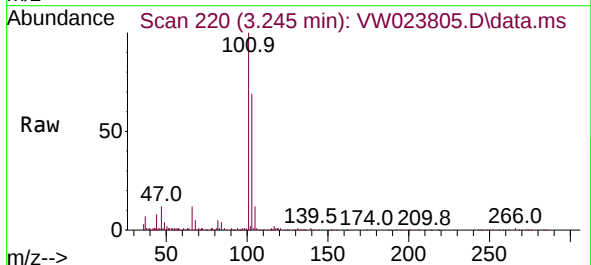
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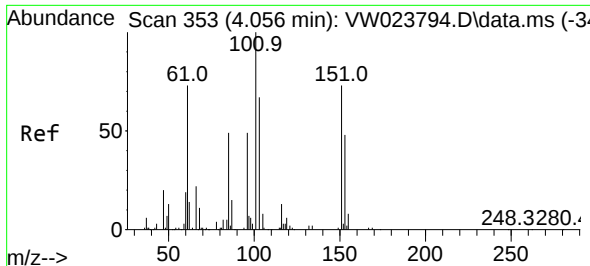
Tgt Ion: 64 Resp: 53069
Ion Ratio Lower Upper
64 100
66 34.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 25.584 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 101 Resp: 57250
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1

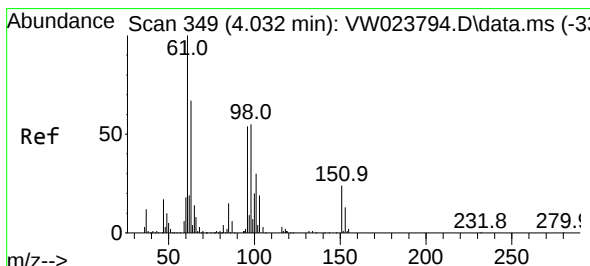
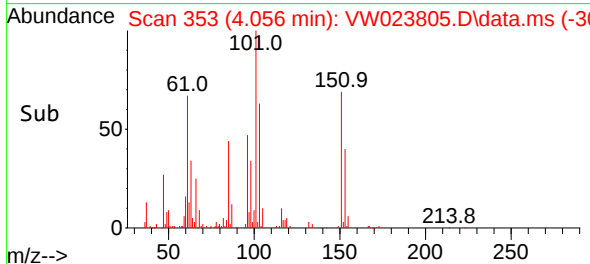
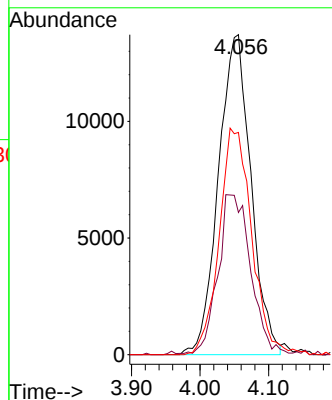
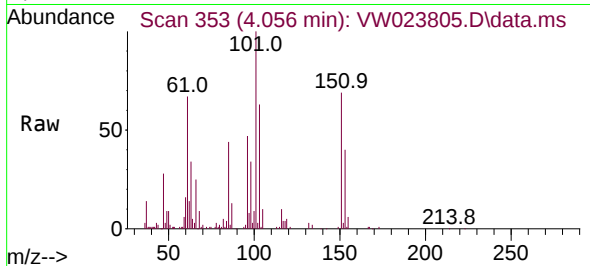




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.623 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

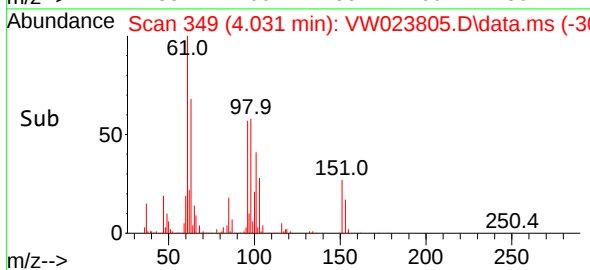
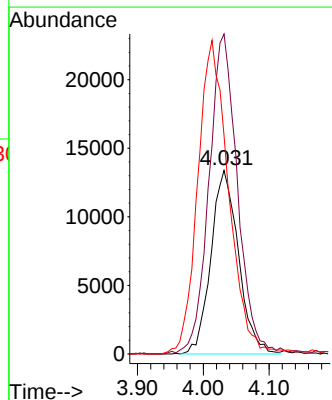
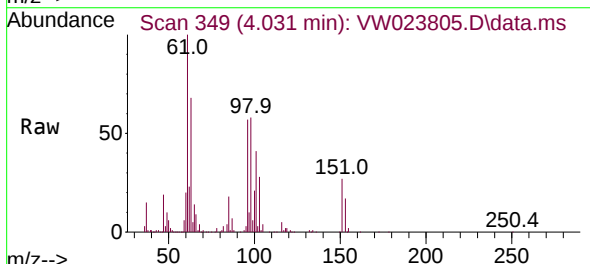
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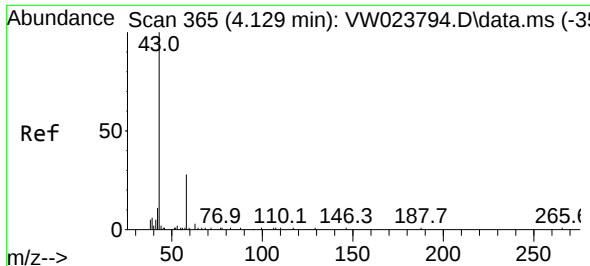
Tgt Ion:	101	Resp:	45162
Ion	Ratio	Lower	Upper
101	100		
85	49.5	37.6	56.4
151	70.4	57.6	86.4



#12
 1,1-Dichloroethene
 Concen: 21.368 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW023805.D
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Tgt Ion:	96	Resp:	39019
Ion	Ratio	Lower	Upper
96	100		
61	174.3	125.4	232.8
63	118.9	97.4	180.8

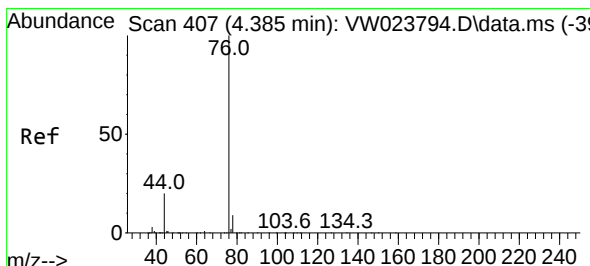
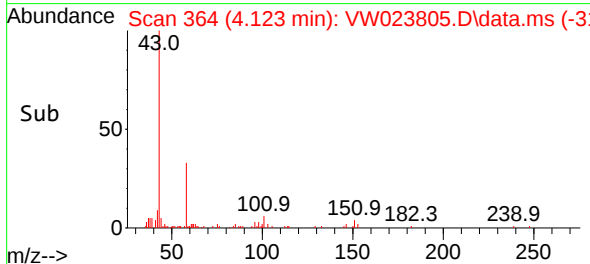
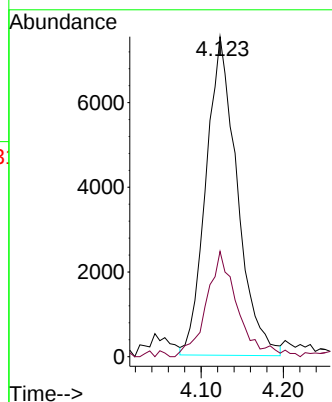
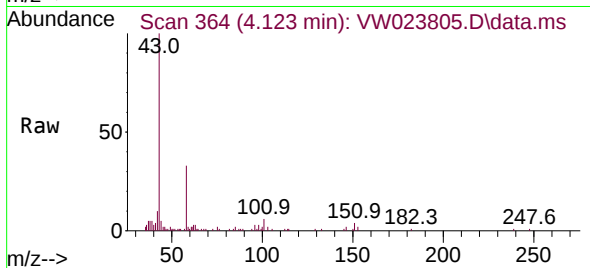




#13
Acetone
Concen: 41.104 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
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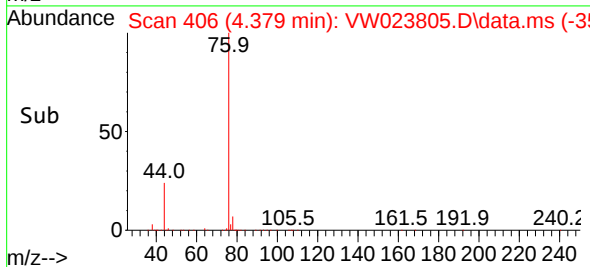
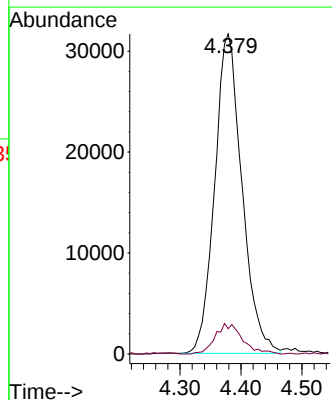
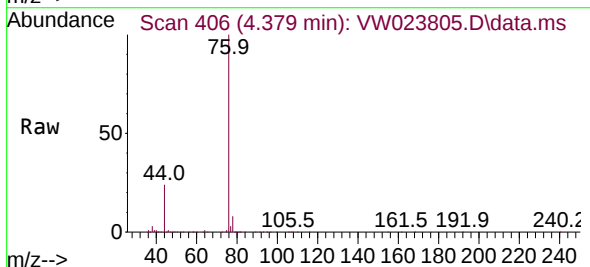
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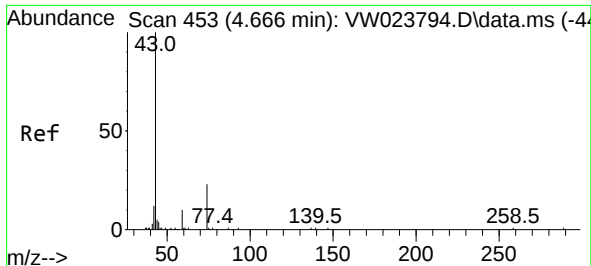
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Ion Ratio Lower Upper
43 100
58 31.0 0.0 64.2



#14
Carbon disulfide
Concen: 18.284 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 76 Resp: 98218
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

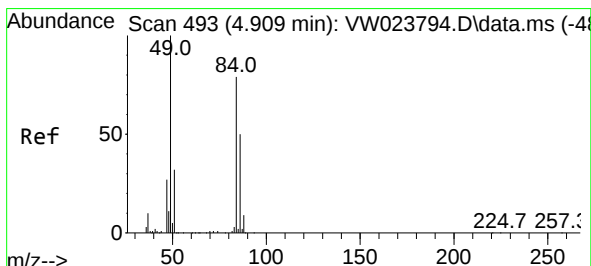
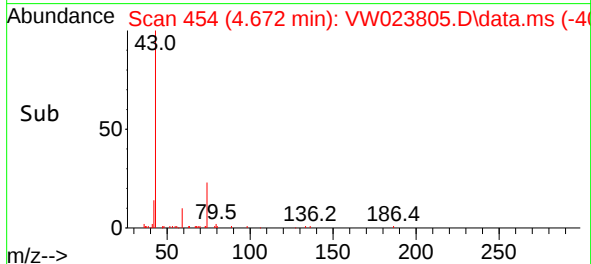
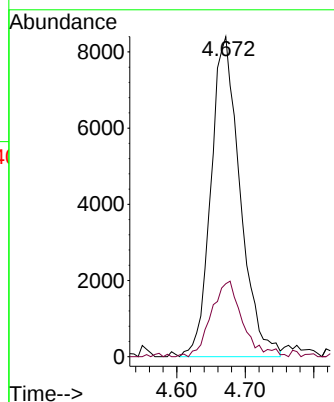
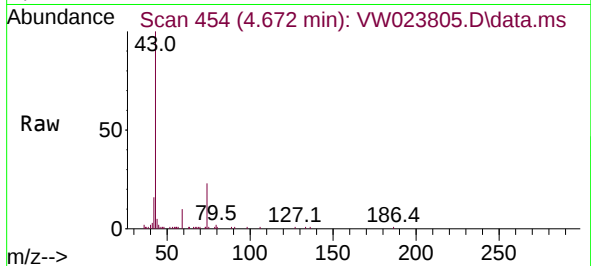




#15
Methyl Acetate
Concen: 22.951 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

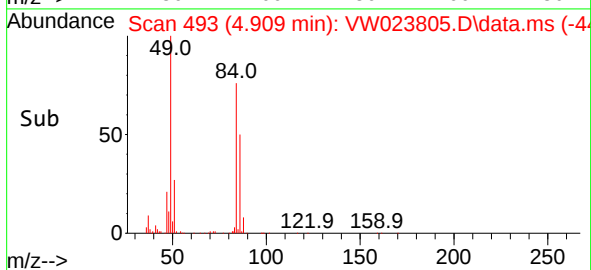
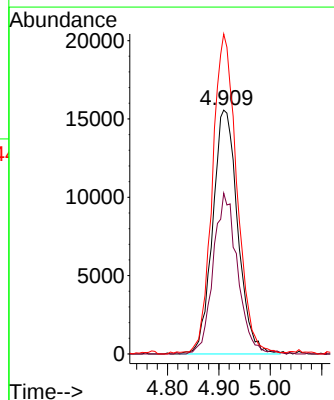
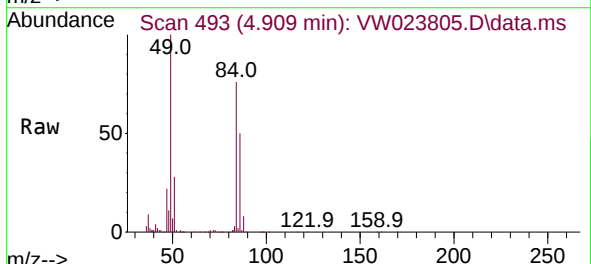
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

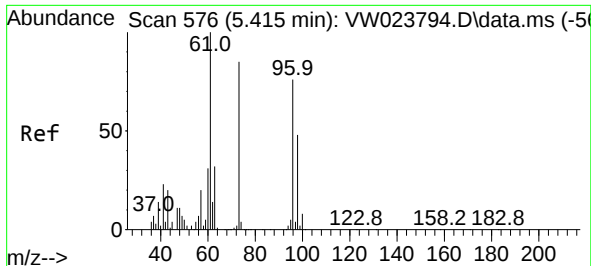
Tgt Ion: 43 Resp: 24785
Ion Ratio Lower Upper
43 100
74 24.2 20.0 30.0



#16
Methylene chloride
Concen: 19.527 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 84 Resp: 52600
Ion Ratio Lower Upper
84 100
86 66.0 42.8 79.6
49 131.2 85.4 158.6

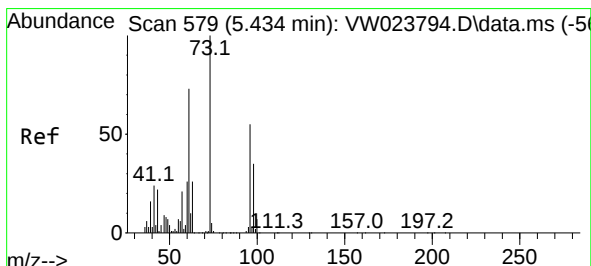
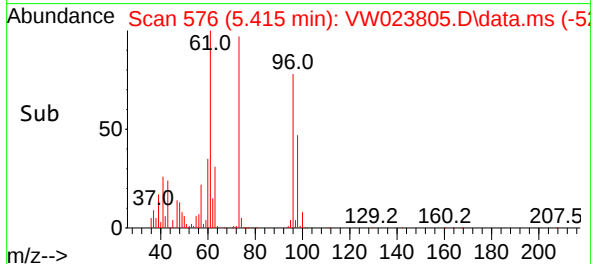
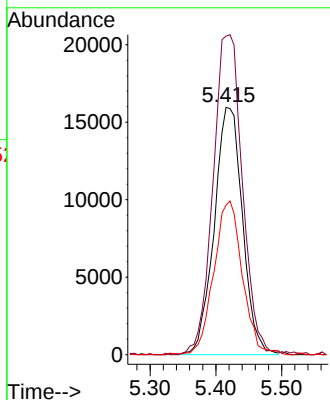
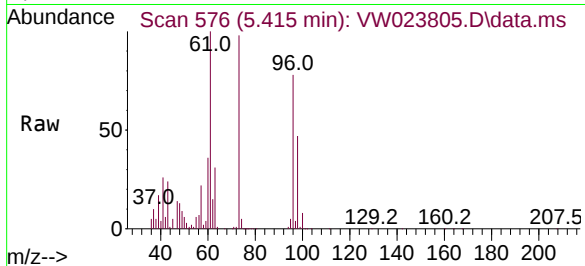




#17
trans-1,2-Dichloroethene
Concen: 21.582 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

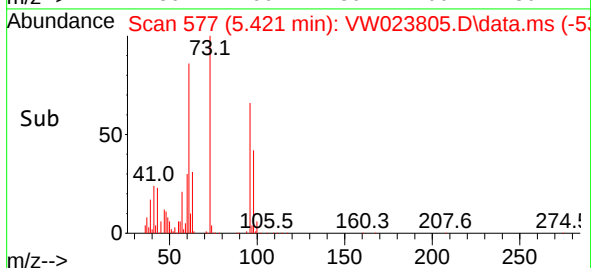
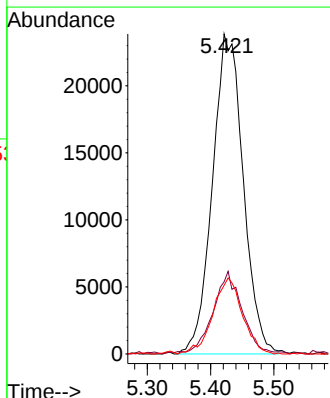
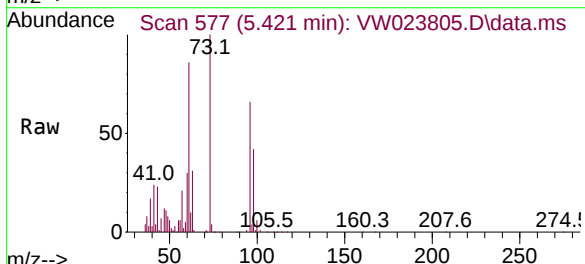
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

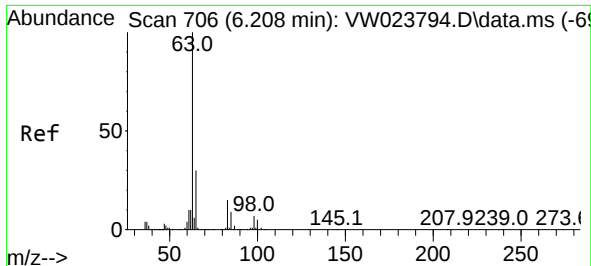
Tgt Ion: 96 Resp: 47817
Ion Ratio Lower Upper
96 100
61 128.8 90.8 168.6
98 60.4 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 23.495 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 73 Resp: 80535
Ion Ratio Lower Upper
73 100
43 23.6 17.6 26.4
57 22.1 16.8 25.2





#19

1,1-Dichloroethane

Concen: 22.783 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

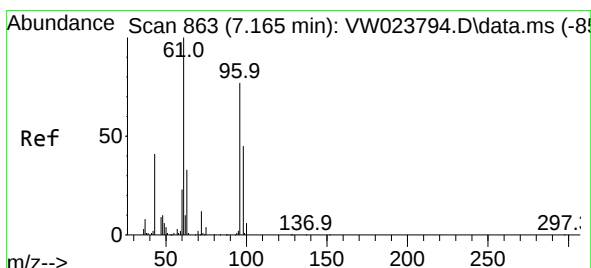
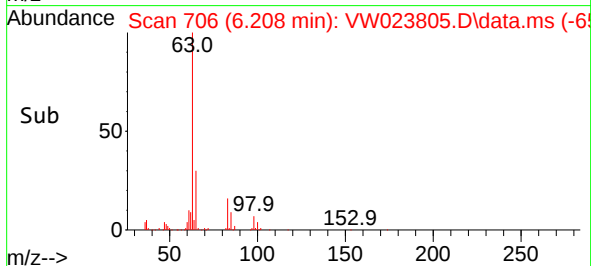
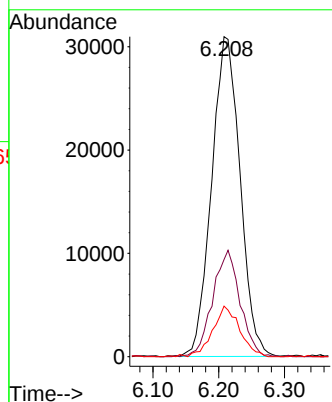
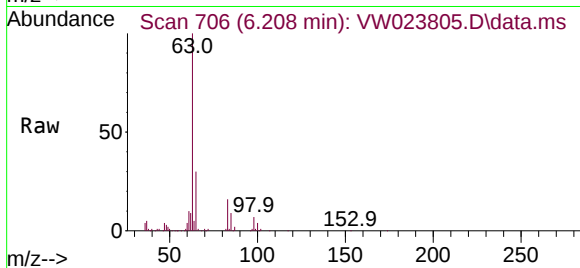
Tgt Ion: 63 Resp: 93110

Ion Ratio Lower Upper

63 100

65 30.3 22.7 42.1

83 15.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 23.070 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

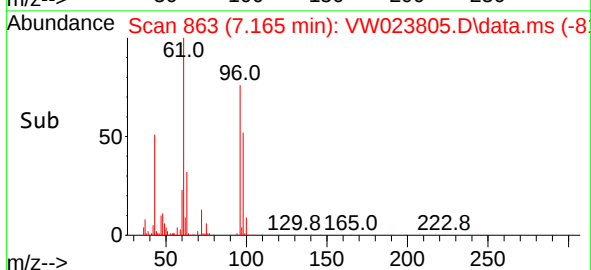
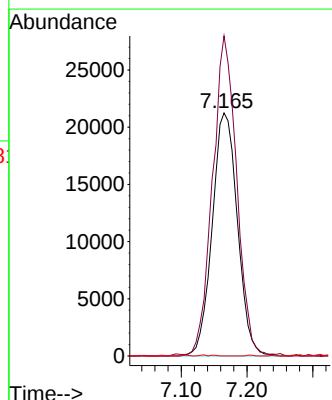
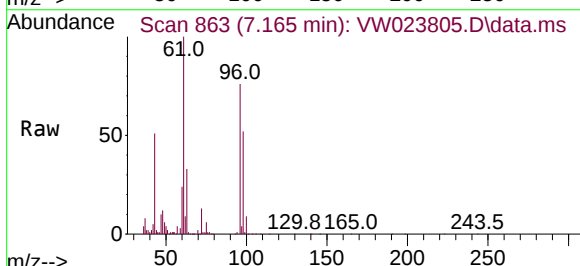
Tgt Ion: 96 Resp: 56627

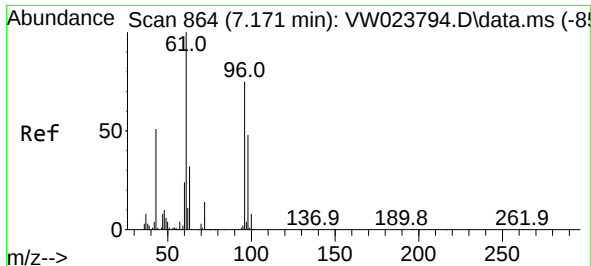
Ion Ratio Lower Upper

96 100

61 131.7 90.6 168.2

68 0.0 0.2 0.4

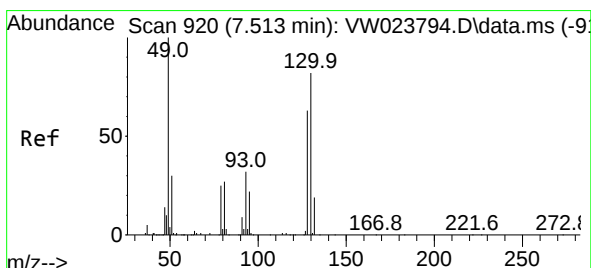
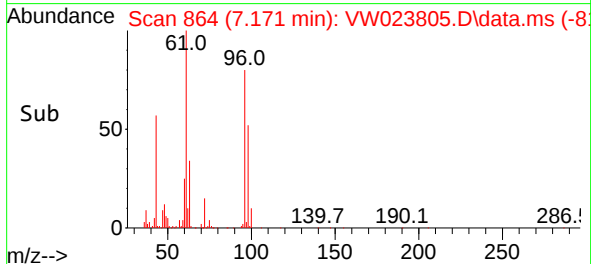
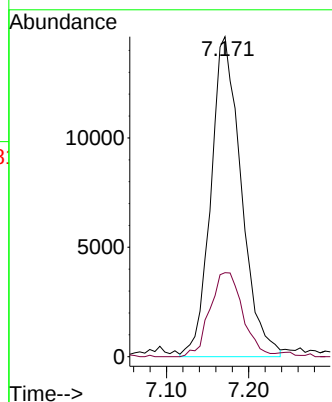
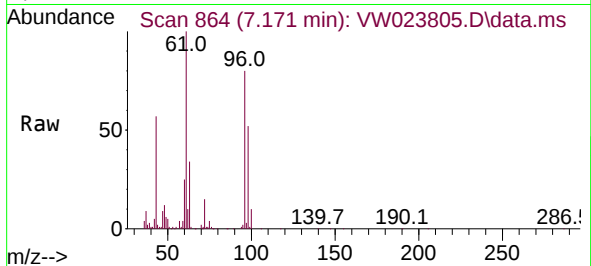




#22
2-Butanone
Concen: 47.467 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

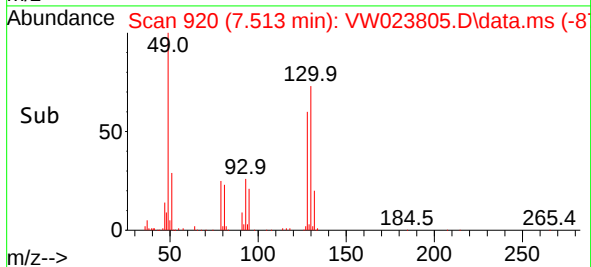
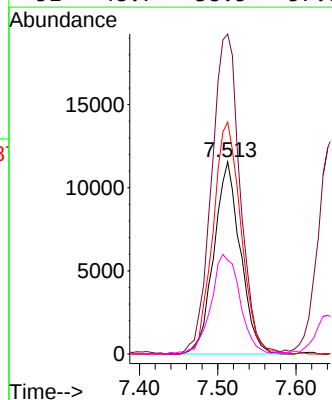
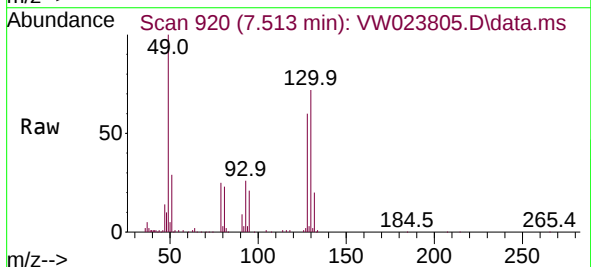
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

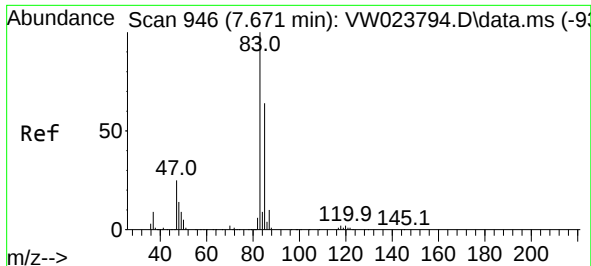
Tgt Ion: 43 Resp: 37638
Ion Ratio Lower Upper
43 100
72 27.7 14.7 44.1



#23
Bromochloromethane
Concen: 22.961 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 128 Resp: 27074
Ion Ratio Lower Upper
128 100
49 166.5 106.0 196.8
130 120.7 83.2 154.4
51 48.7 38.5 57.7

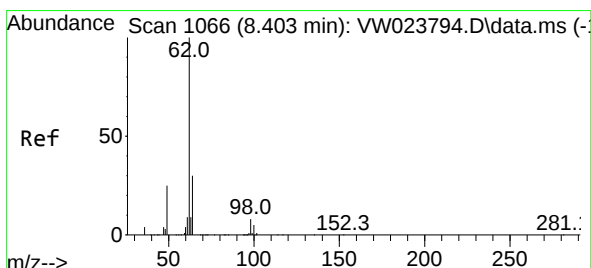
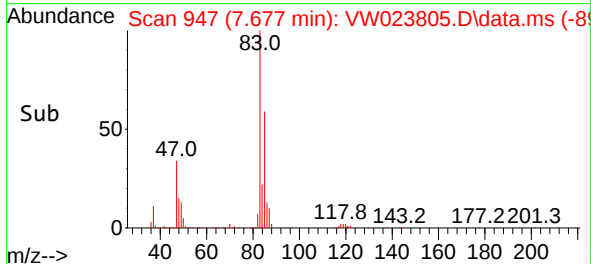
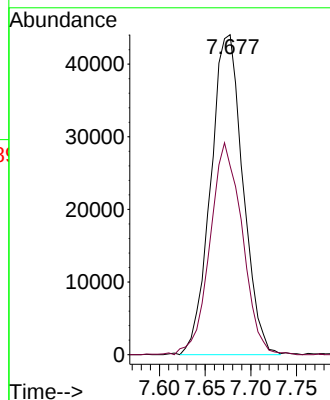
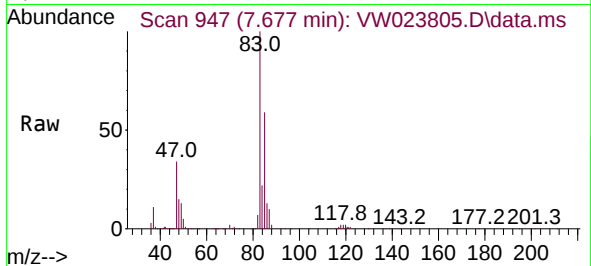




#25
Chloroform
Concen: 22.963 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

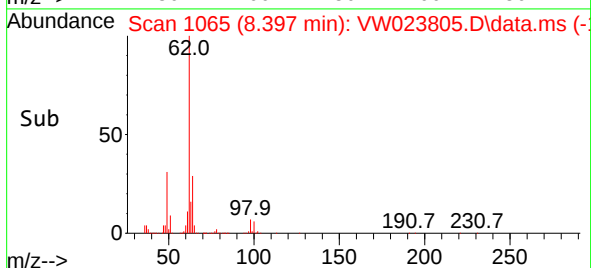
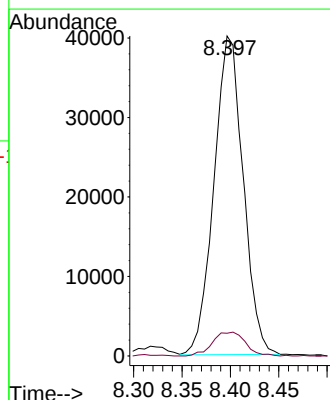
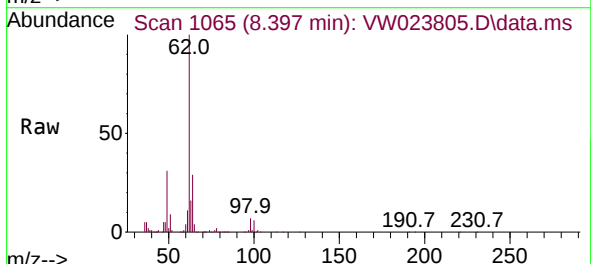
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

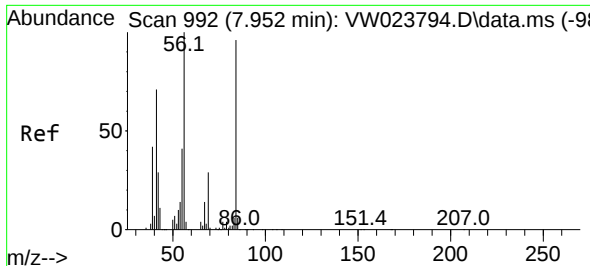
Tgt Ion: 83 Resp: 108117
Ion Ratio Lower Upper
83 100
85 59.0 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.312 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 62 Resp: 84246
Ion Ratio Lower Upper
62 100
98 7.1 7.2 10.8#

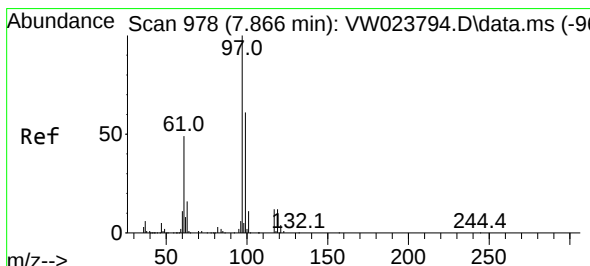
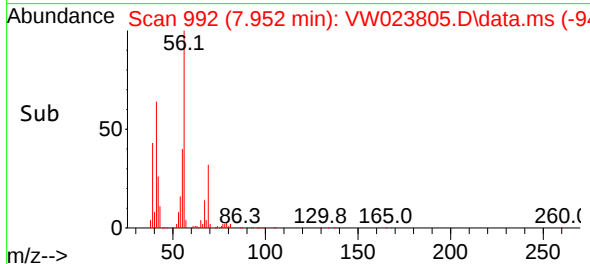
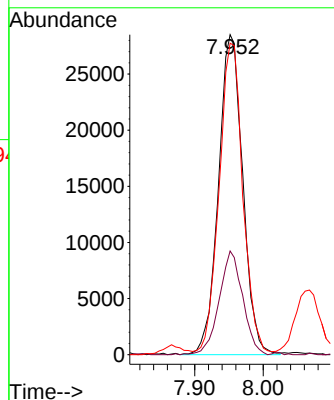
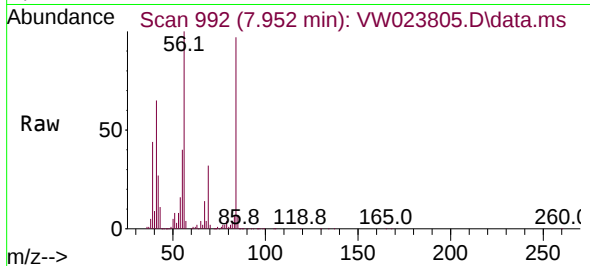




#29
Cyclohexane
Concen: 21.267 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

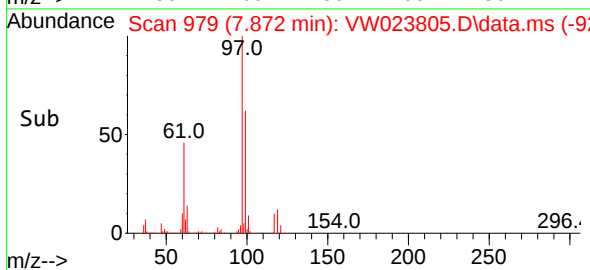
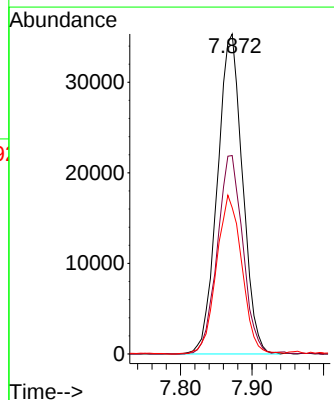
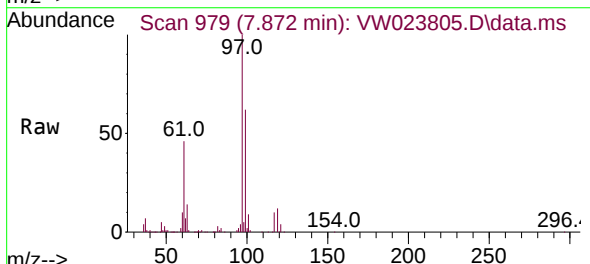
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

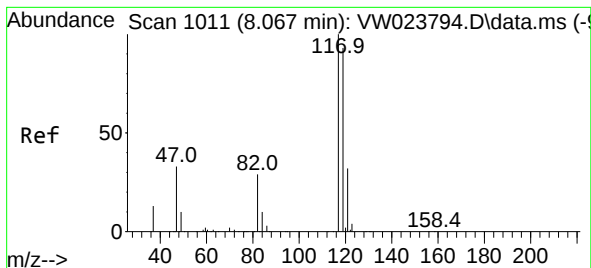
Tgt Ion:	56	Resp:	70055
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.4	38.0
84	95.7	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 22.131 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion:	97	Resp:	86304
Ion Ratio	Lower	Upper	
97	100		
99	62.6	51.0	76.6
61	50.1	37.5	56.3





#31

Carbon tetrachloride

Concen: 21.579 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

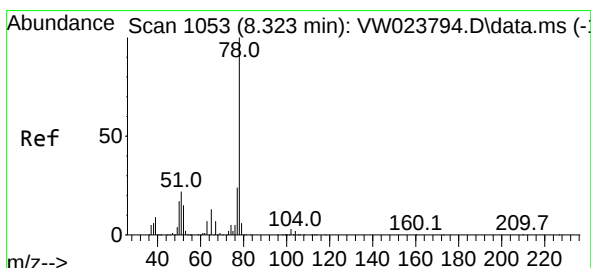
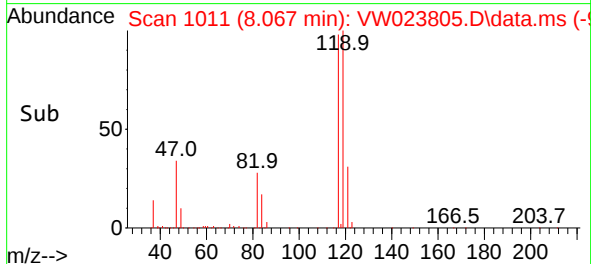
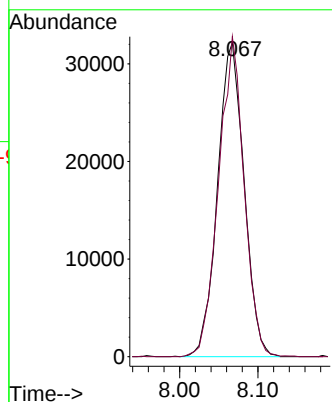
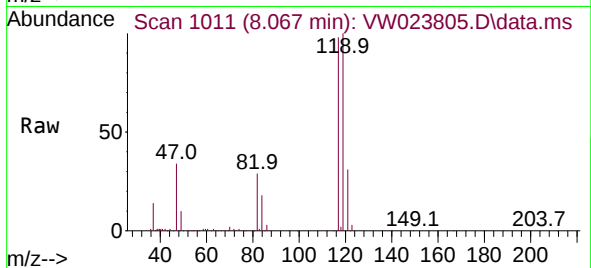
VSTD025490

Tgt Ion:117 Resp: 75859

Ion Ratio Lower Upper

117 100

119 97.5 75.7 113.5



#33

Benzene

Concen: 22.818 ug/L

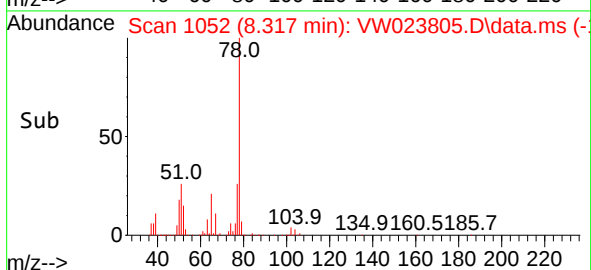
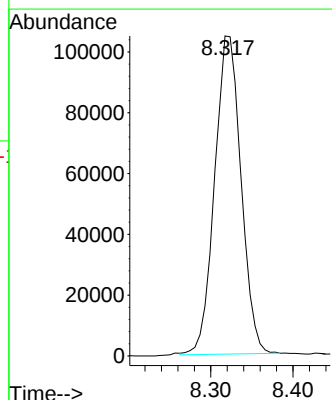
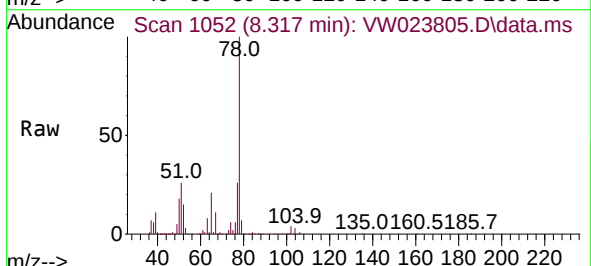
RT: 8.317 min Scan# 1052

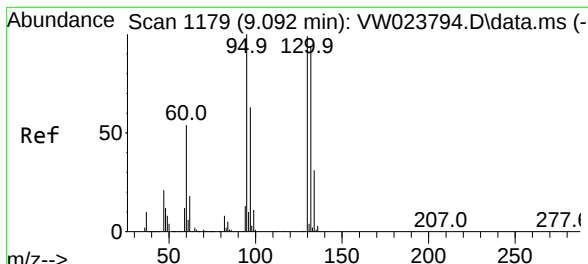
Delta R.T. -0.006 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Tgt Ion: 78 Resp: 233542



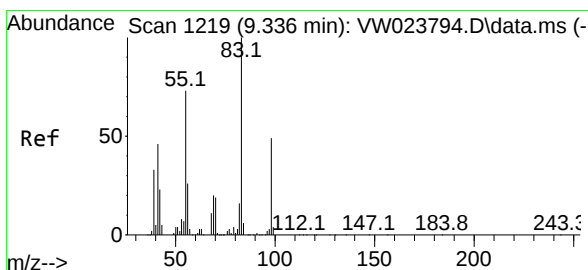
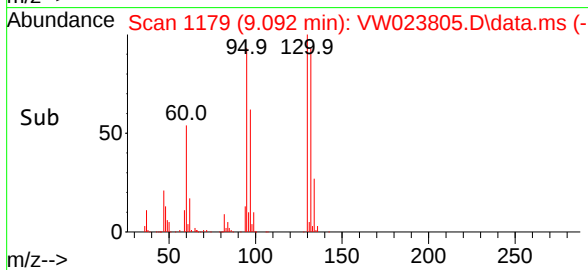
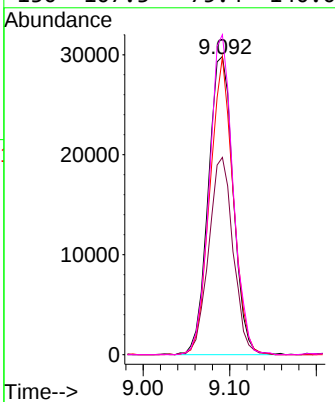
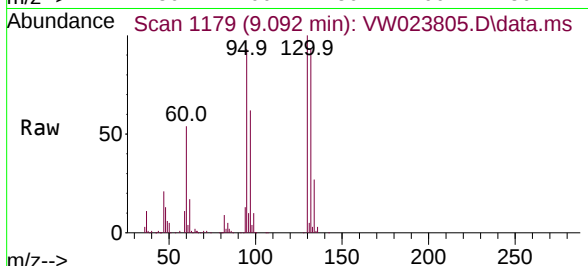


#34
 Trichloroethene
 Concen: 22.075 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Tgt Ion: 95 Resp: 59662

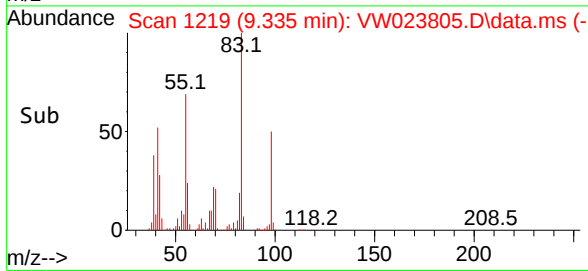
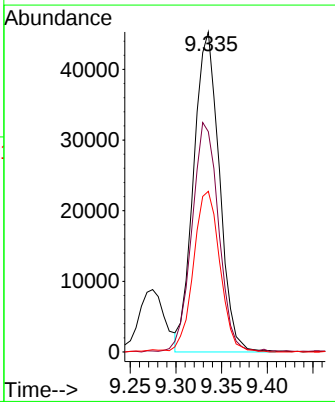
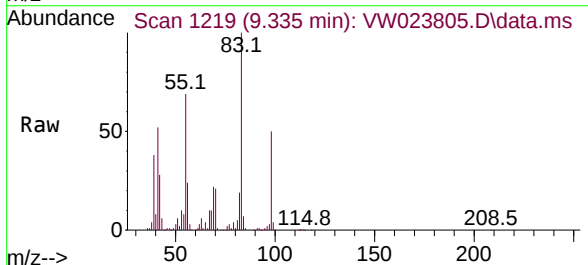
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.6	84.8
132	99.9	69.9	129.7
130	107.3	75.4	140.0

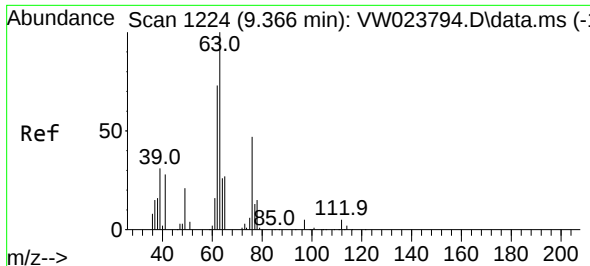


#35
 Methylcyclohexane
 Concen: 21.536 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

Tgt Ion: 83 Resp: 88632

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.8	91.2
98	51.6	39.5	59.3





#37

1,2-Dichloropropane

Concen: 23.993 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

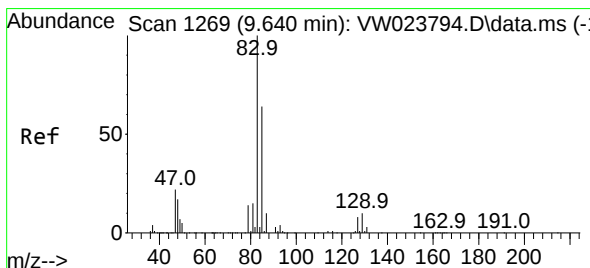
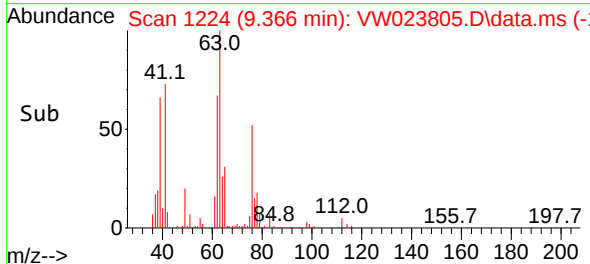
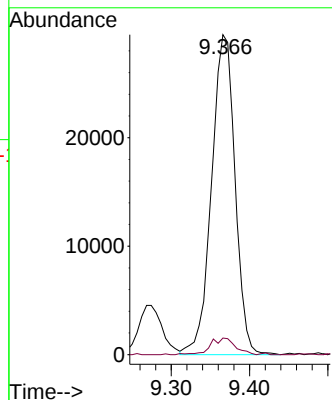
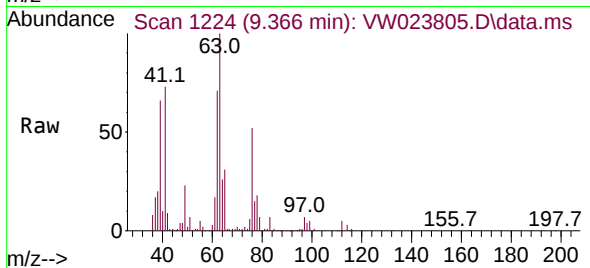
VSTD025490

Tgt Ion: 63 Resp: 61566

Ion Ratio Lower Upper

63 100

112 3.2 4.2 6.2#



#38

Bromodichloromethane

Concen: 24.851 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

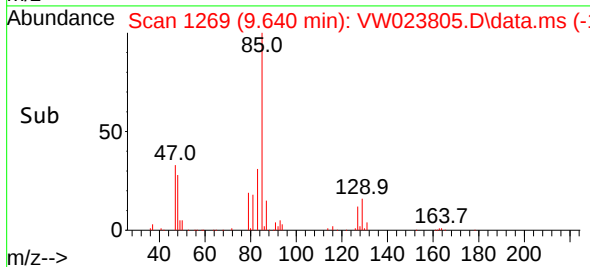
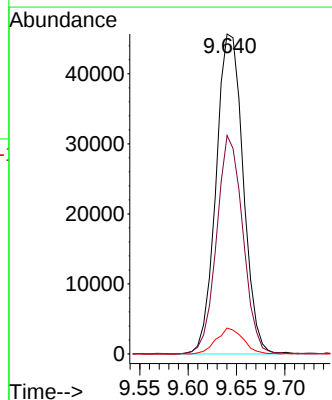
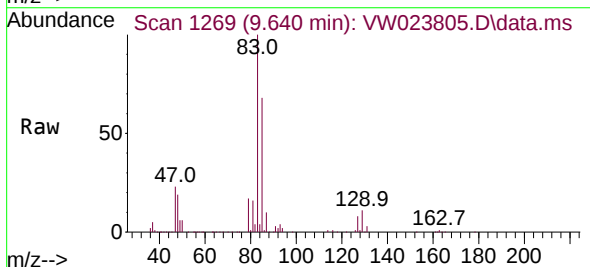
Tgt Ion: 83 Resp: 88997

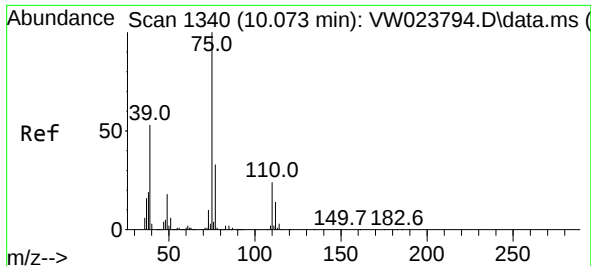
Ion Ratio Lower Upper

83 100

85 68.2 45.5 84.5

127 8.1 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.582 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

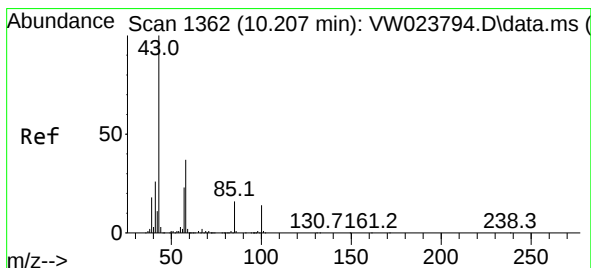
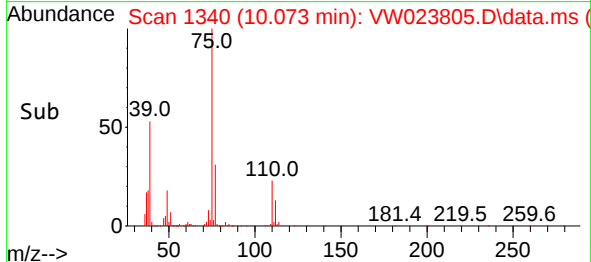
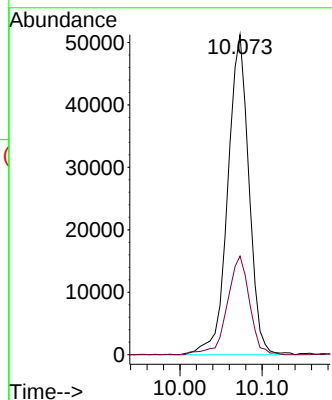
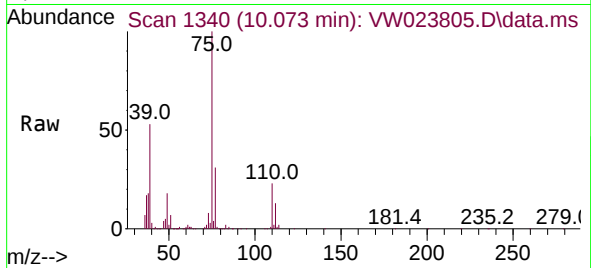
VSTD025490

Tgt Ion: 75 Resp: 91202

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.311 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

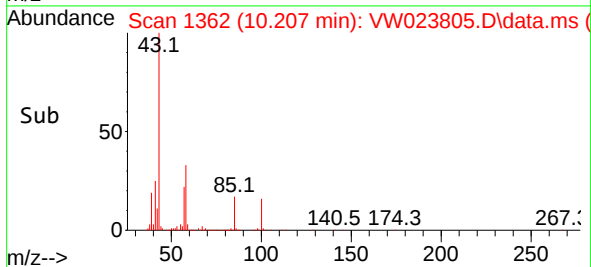
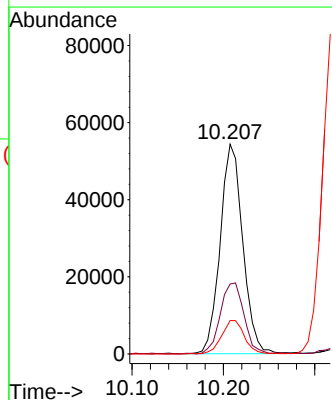
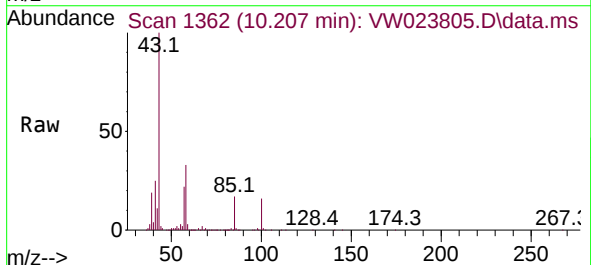
Tgt Ion: 43 Resp: 93405

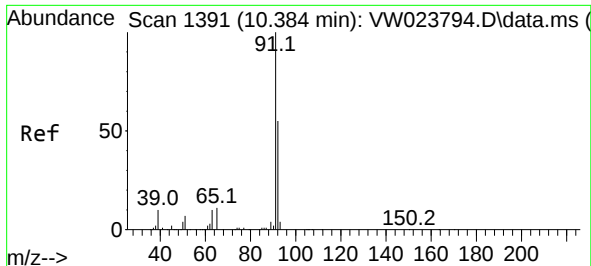
Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.8

100 15.8 13.0 19.4

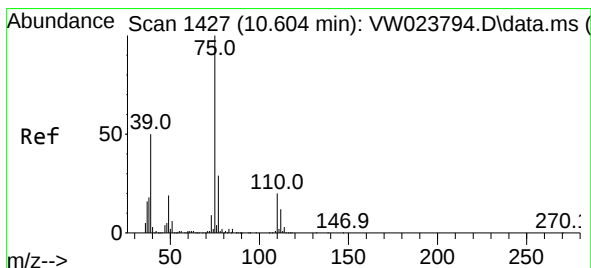
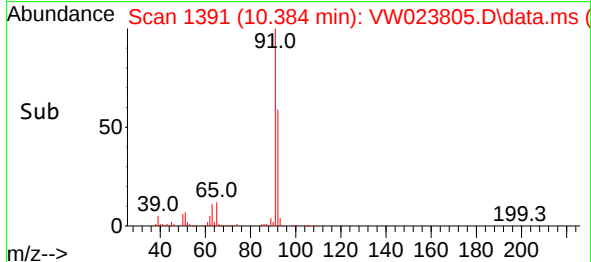
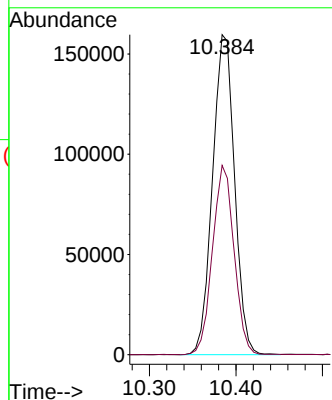
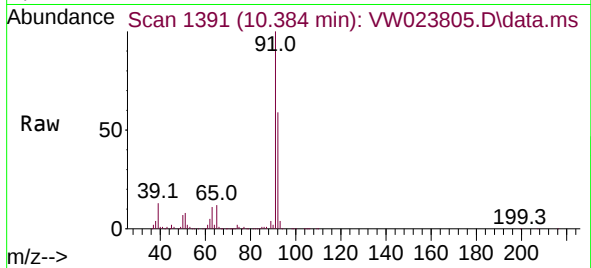




#42
Toluene
Concen: 24.193 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

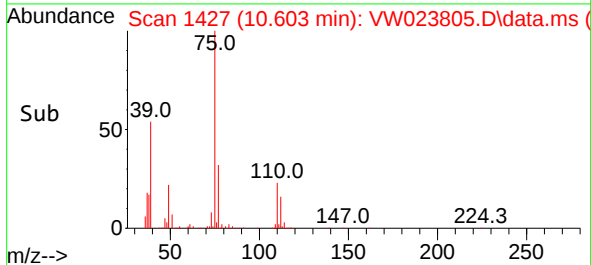
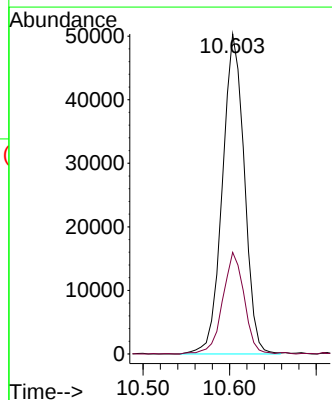
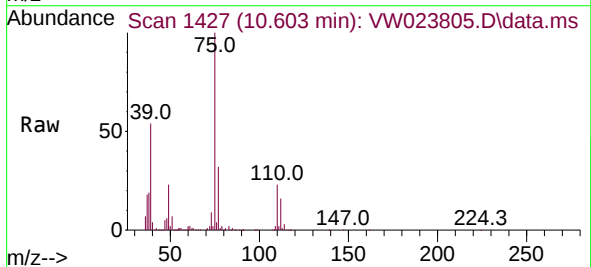
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

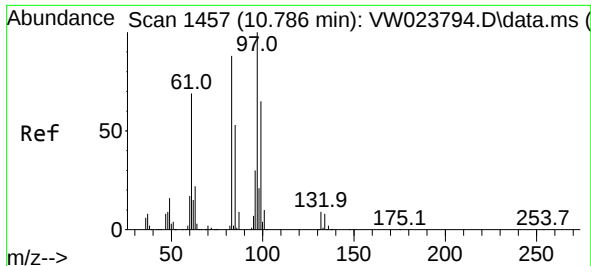
Tgt Ion: 91 Resp: 282385
Ion Ratio Lower Upper
91 100
92 59.2 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 24.073 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 75 Resp: 88490
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0

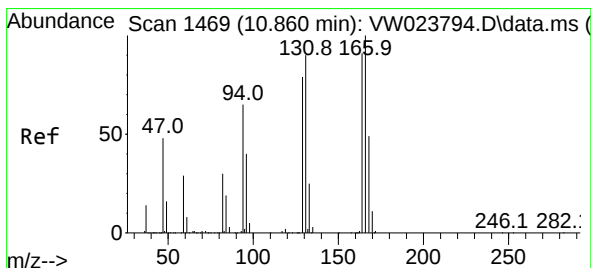
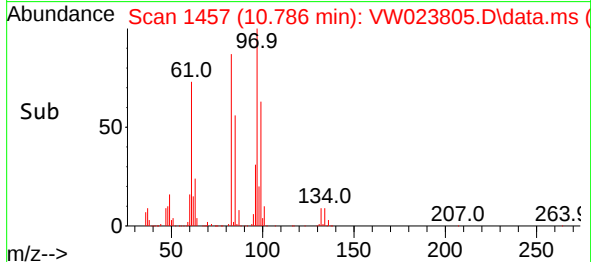
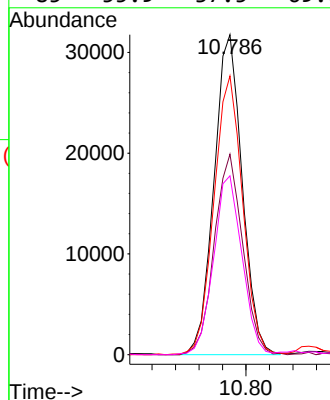
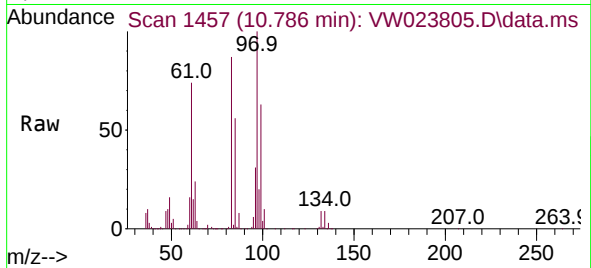




#45
1,1,2-Trichloroethane
Concen: 23.596 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

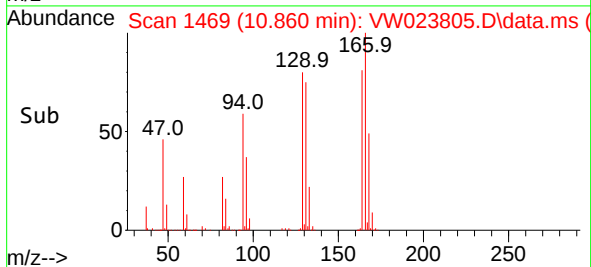
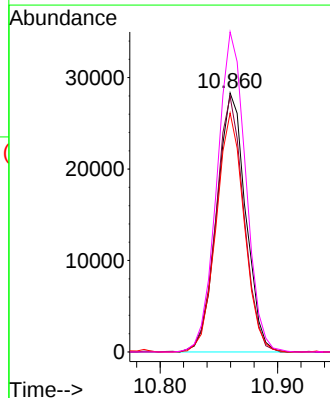
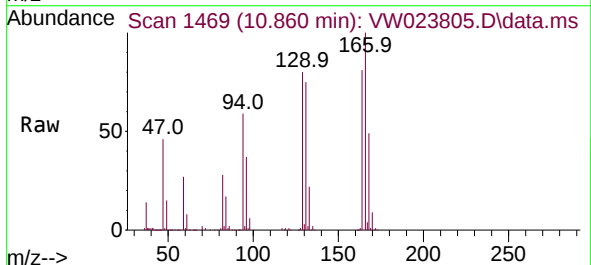
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

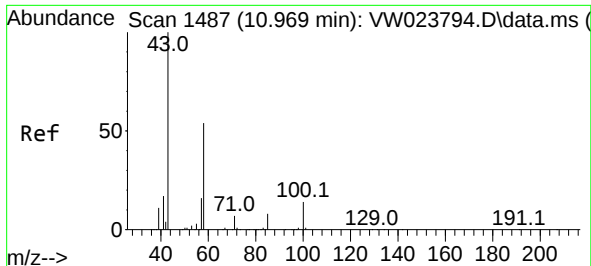
Tgt Ion: 97	Resp: 52942
Ion Ratio	Lower Upper
97 100	
99 62.7	44.2 82.2
83 87.1	59.8 111.0
85 55.9	37.5 69.6



#46
Tetrachloroethene
Concen: 23.077 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt	Ion:164	Resp:	48227
Ion	Ratio	Lower	Upper
164	100		
129	98.6	72.4	134.5
131	92.3	67.8	125.8
166	123.5	88.9	165.1

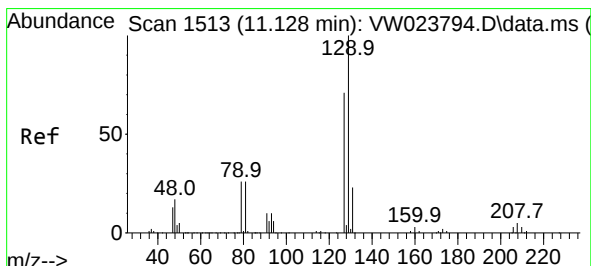
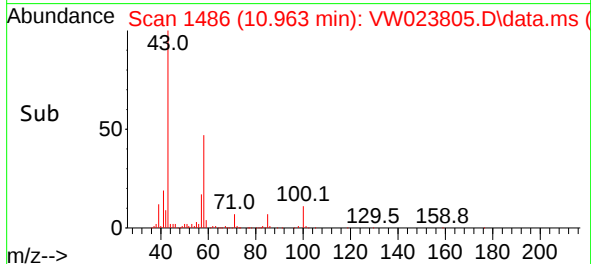
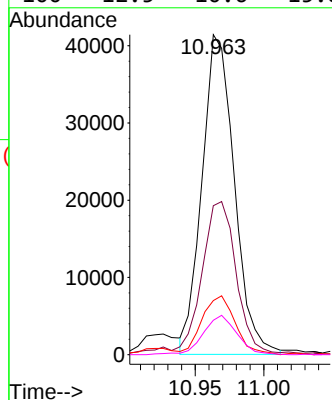
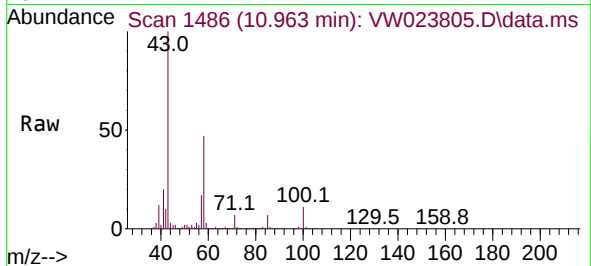




#48
2-Hexanone
Concen: 52.345 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

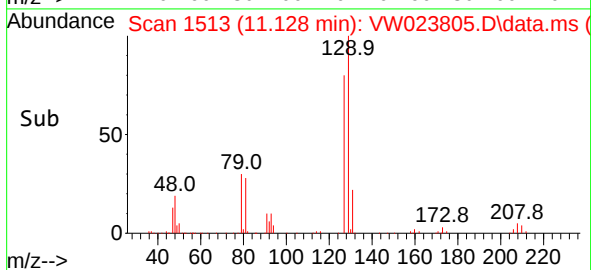
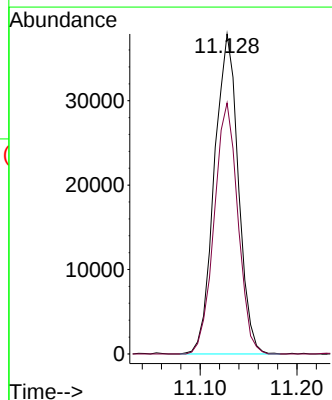
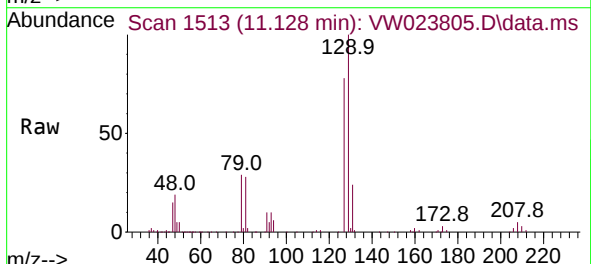
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

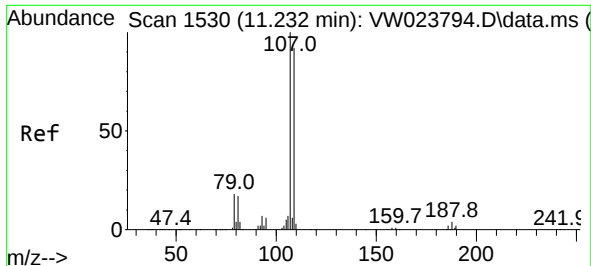
Tgt Ion: 43	Resp: 68049
Ion Ratio	Lower Upper
43 100	
58 50.3	41.6 62.4
57 18.9	14.6 21.8
100 12.5	10.6 15.8



#49
Dibromochloromethane
Concen: 25.058 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion:129	Resp: 65198		
Ion Ratio	Lower	Upper	
129 100			
127 78.4	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 23.996 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

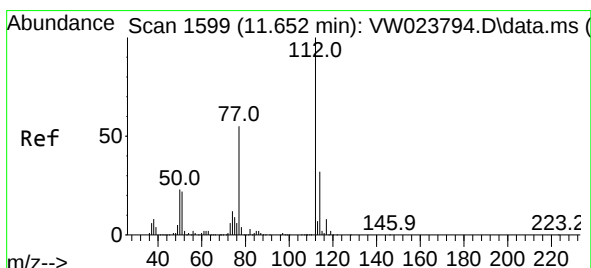
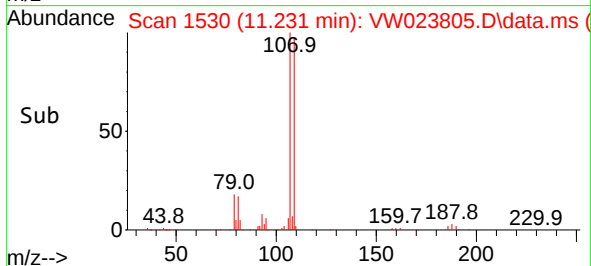
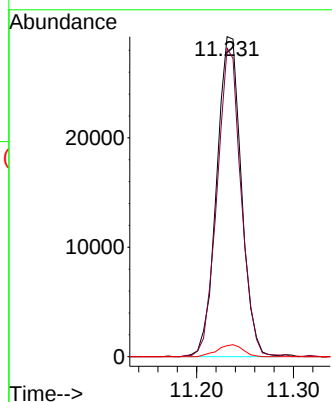
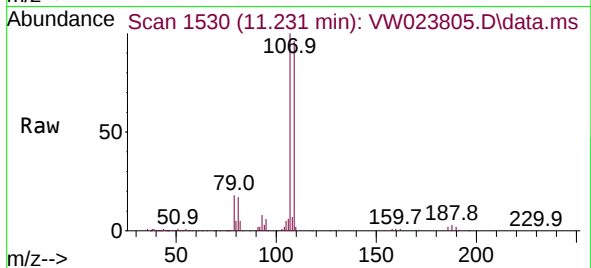
Tgt Ion:107 Resp: 51723

Ion Ratio Lower Upper

107 100

109 96.4 62.4 116.0

188 3.5 2.3 3.5



#51

Chlorobenzene

Concen: 24.101 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

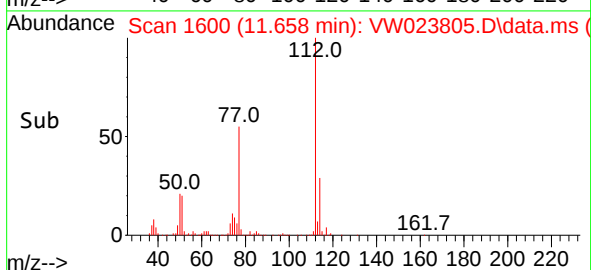
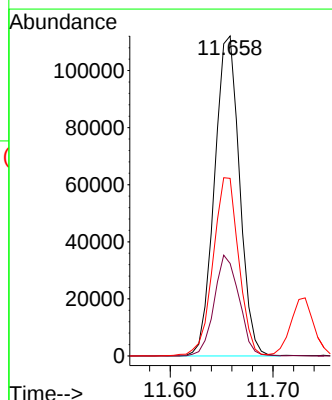
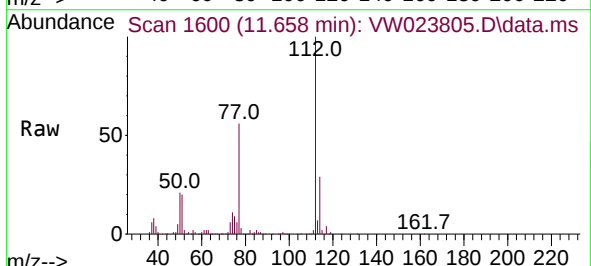
Tgt Ion:112 Resp: 189727

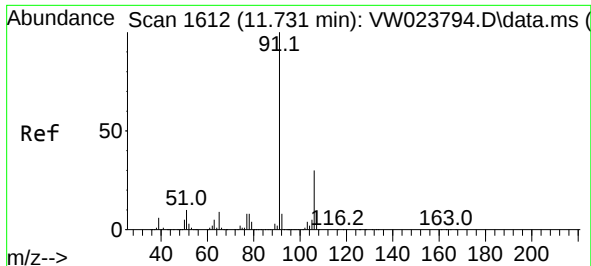
Ion Ratio Lower Upper

112 100

114 28.9 21.1 39.3

77 55.5 46.6 69.8

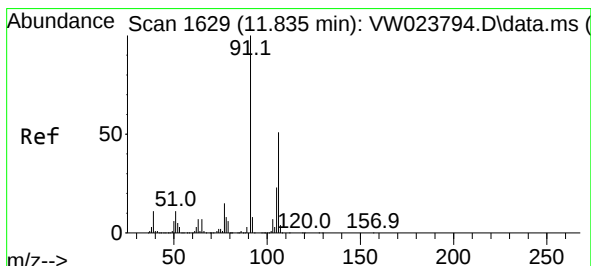
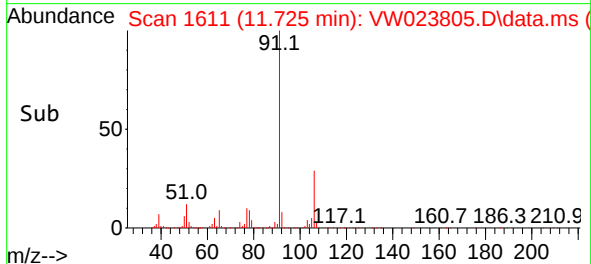
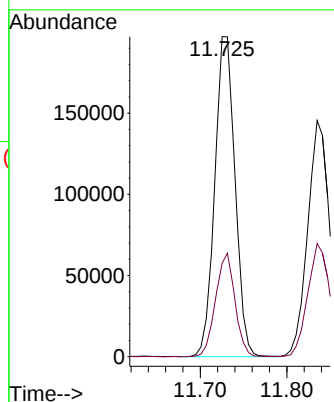
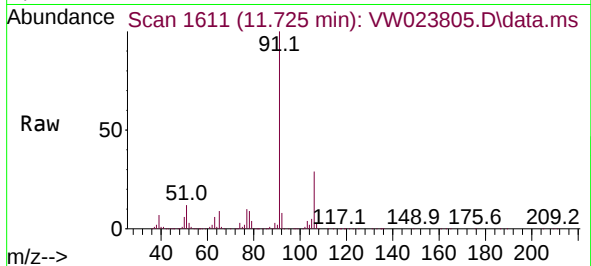




#52
Ethylbenzene
Concen: 24.209 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

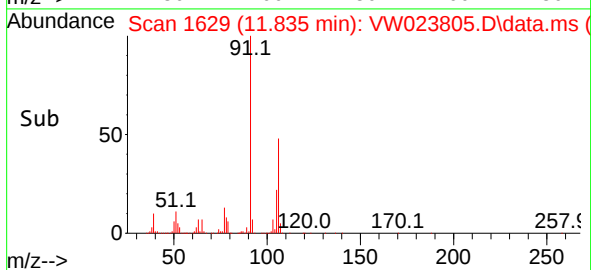
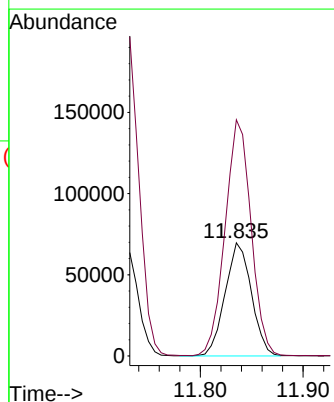
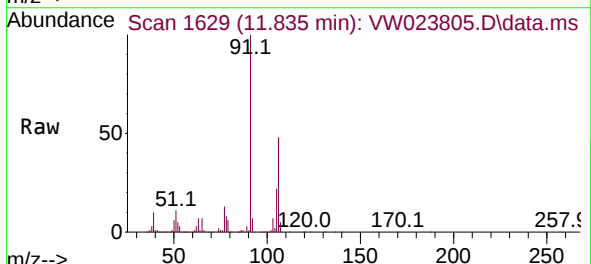
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

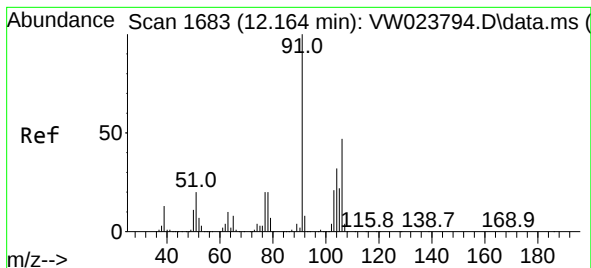
Tgt Ion: 91 Resp: 321116
Ion Ratio Lower Upper
91 100
106 29.2 22.5 41.9



#53
m,p-Xylene
Concen: 23.938 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion: 106 Resp: 123881
Ion Ratio Lower Upper
106 100
91 208.7 142.8 265.2





#54

o-Xylene

Concen: 24.712 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

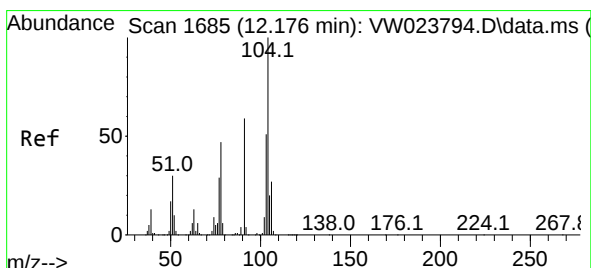
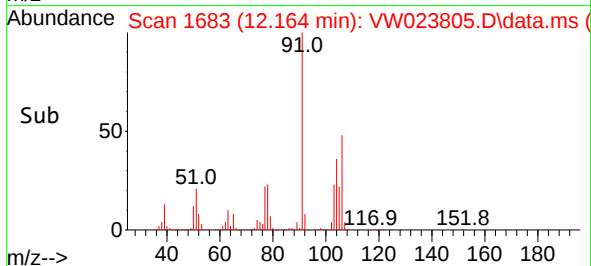
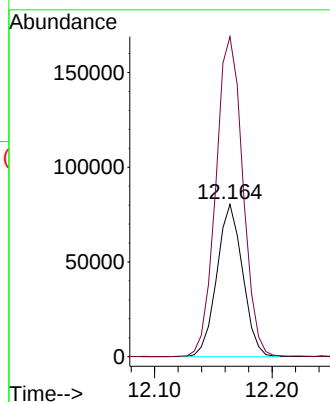
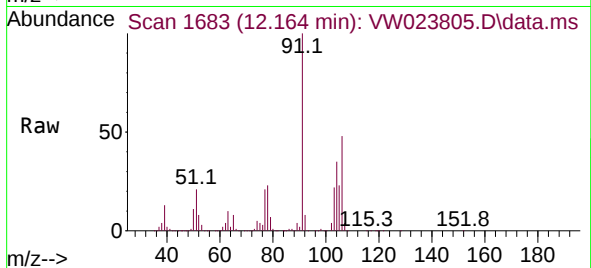
VSTD025490

Tgt Ion:106 Resp: 122819

Ion Ratio Lower Upper

106 100

91 210.0 149.6 277.8



#55

Styrene

Concen: 26.454 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023805.D

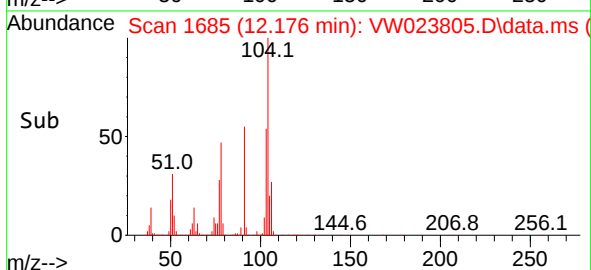
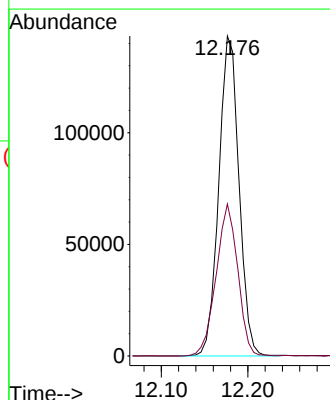
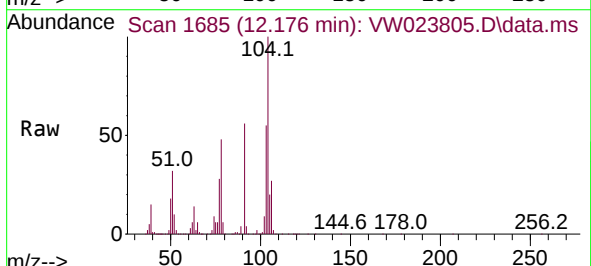
Acq: 16 Jul 2022 22:26

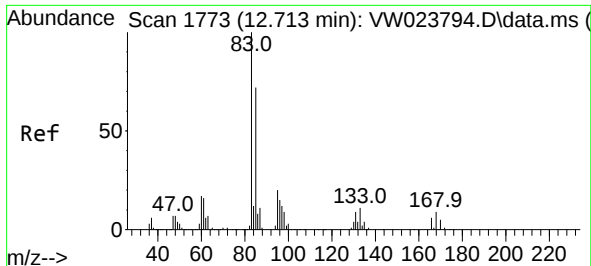
Tgt Ion:104 Resp: 232270

Ion Ratio Lower Upper

104 100

78 47.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.632 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

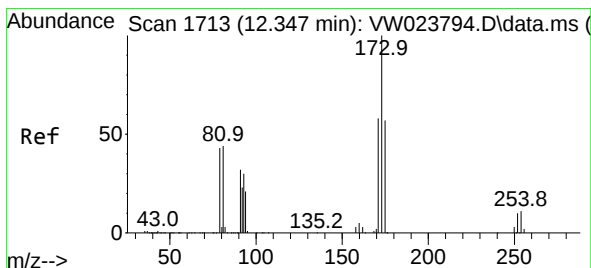
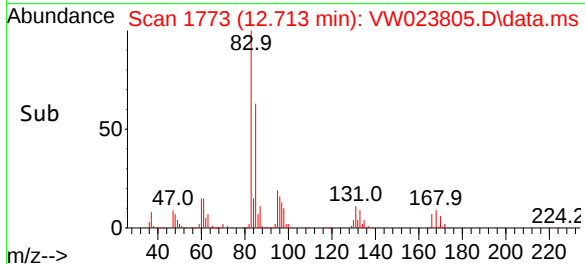
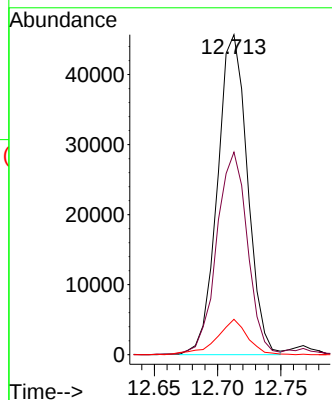
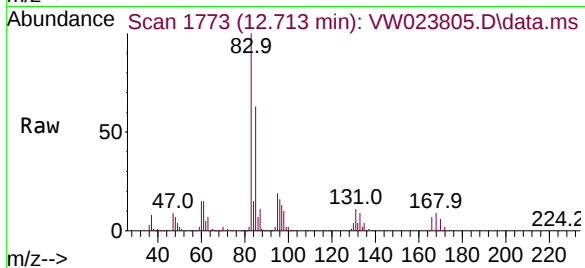
Tgt Ion: 83 Resp: 75384

Ion Ratio Lower Upper

83 100

85 63.3 46.5 86.3

131 11.0 7.4 11.0#



#59

Bromoform

Concen: 24.879 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

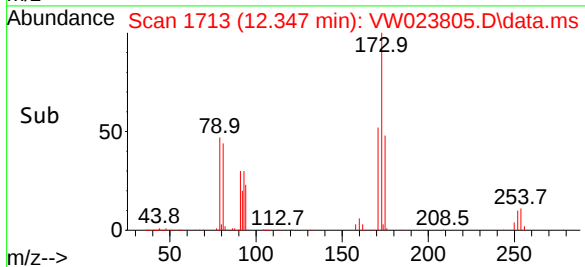
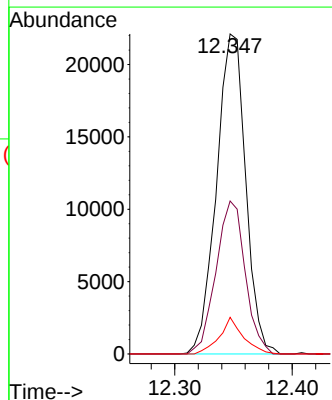
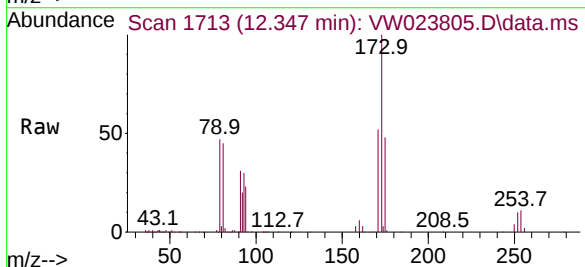
Tgt Ion: 173 Resp: 38193

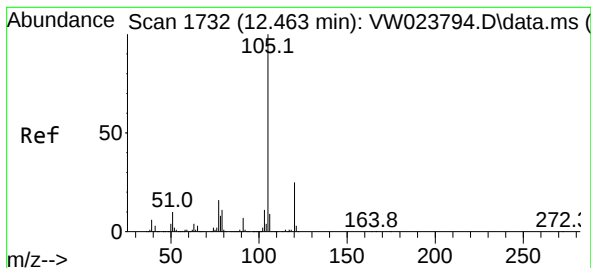
Ion Ratio Lower Upper

173 100

175 47.8 38.9 58.3

254 9.3 5.9 8.9#





#60

Isopropylbenzene

Concen: 24.312 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

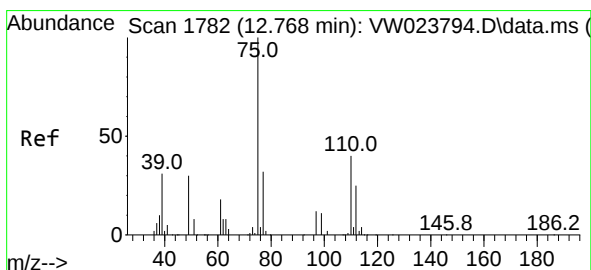
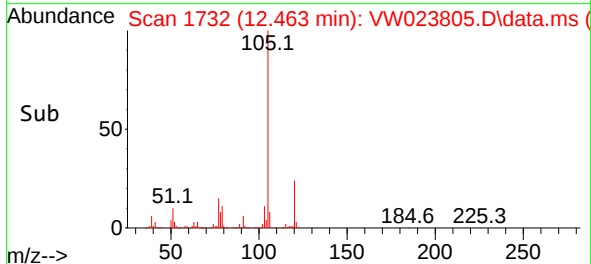
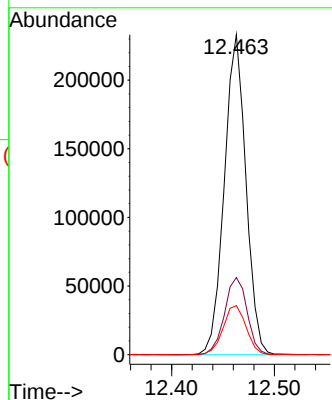
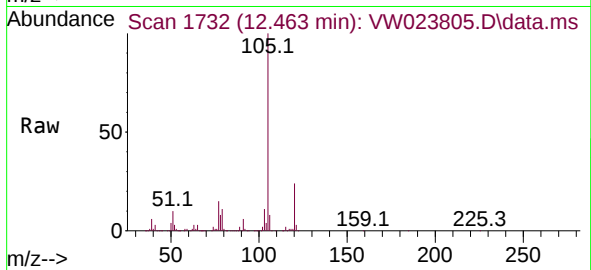
Tgt Ion:105 Resp: 340003

Ion Ratio Lower Upper

105 100

120 25.2 20.7 31.1

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 23.774 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

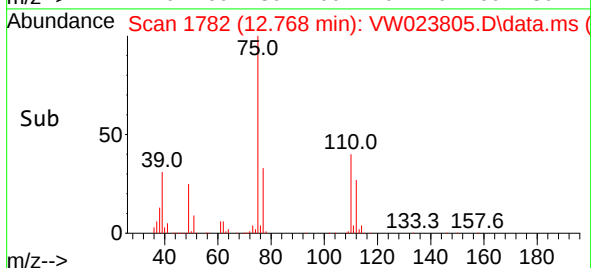
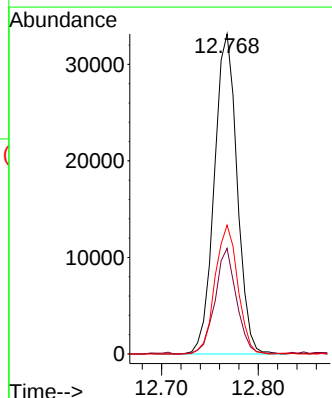
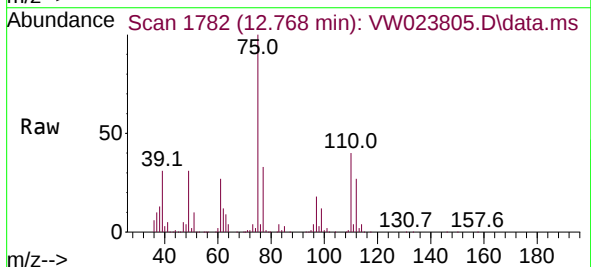
Tgt Ion: 75 Resp: 54272

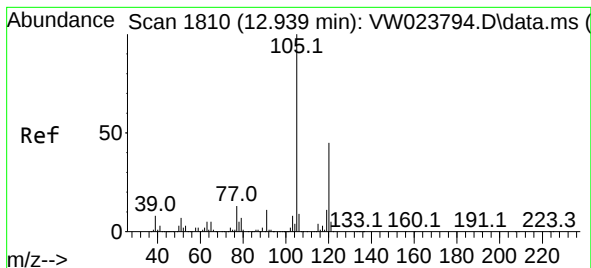
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

110 40.1 31.9 47.9

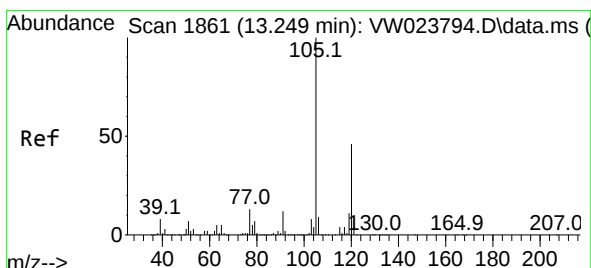
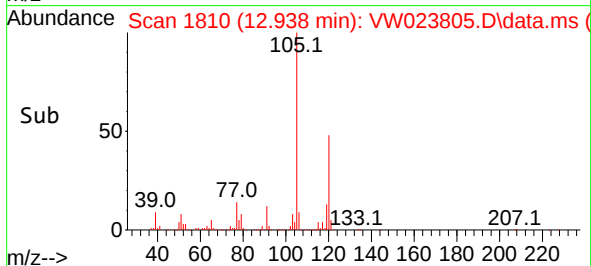
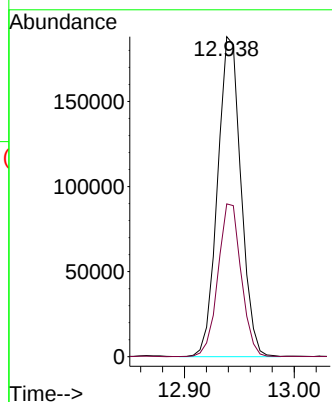
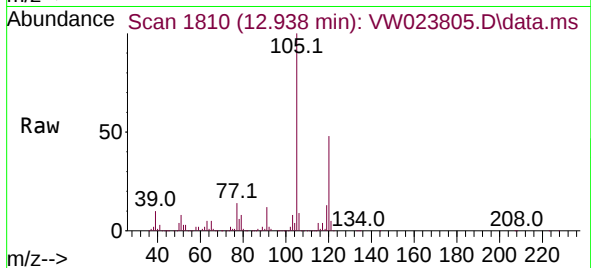




#62
 1,3,5-Trimethylbenzene
 Concen: 24.392 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

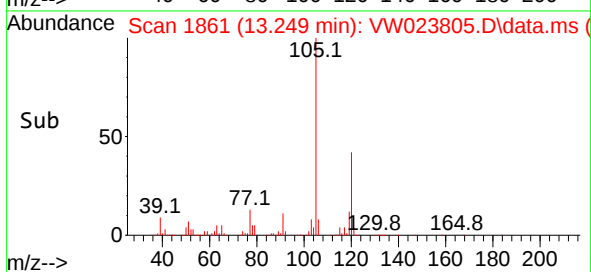
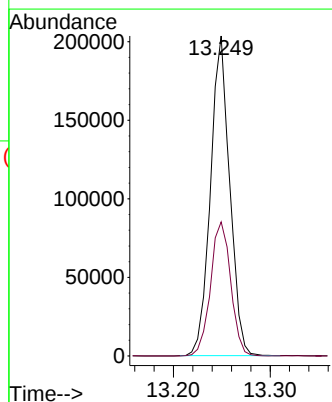
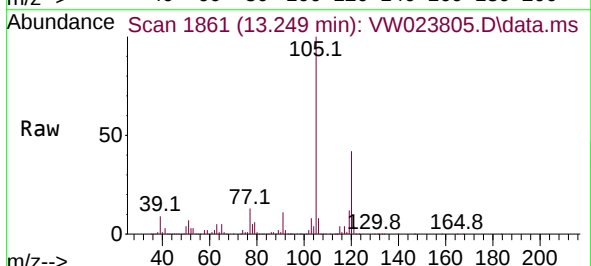
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

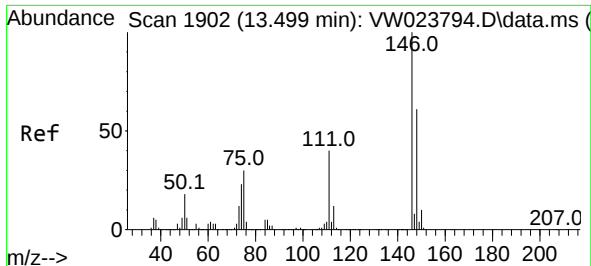
Tgt Ion:105 Resp: 279275
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 24.520 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023805.D
 Acq: 16 Jul 2022 22:26

Tgt Ion:105 Resp: 280688
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.5 53.3

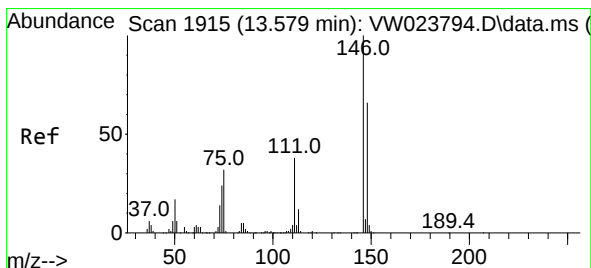
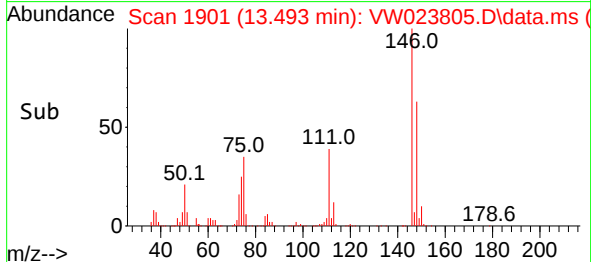
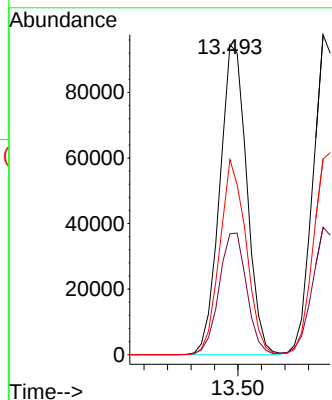
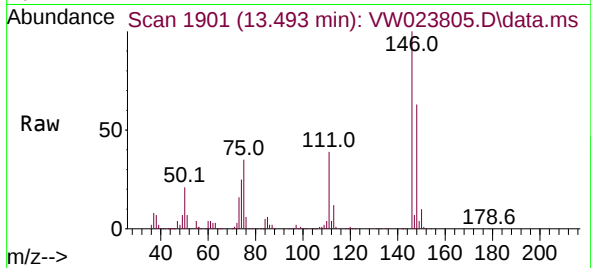




#64
1,3-Dichlorobenzene
Concen: 23.867 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

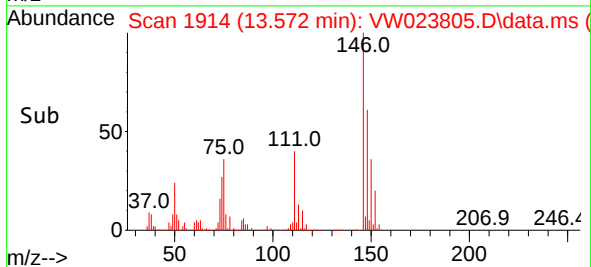
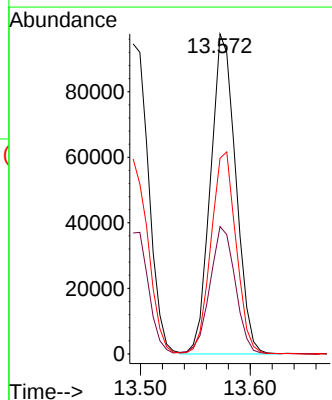
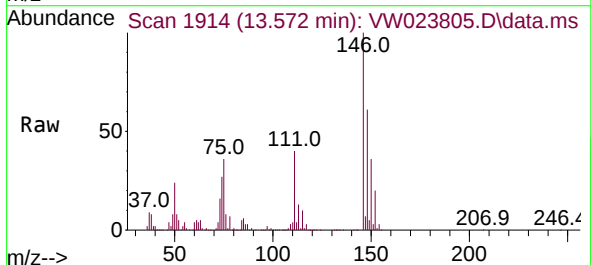
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

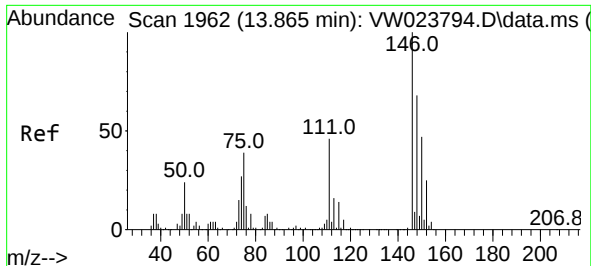
Tgt Ion:146 Resp: 151549
Ion Ratio Lower Upper
146 100
111 39.0 28.6 53.2
148 62.9 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 23.149 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion:146 Resp: 156376
Ion Ratio Lower Upper
146 100
111 39.8 29.4 54.6
148 61.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 24.427 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

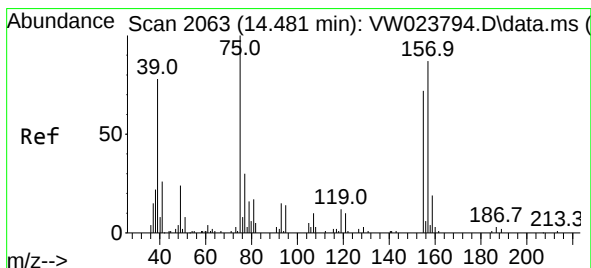
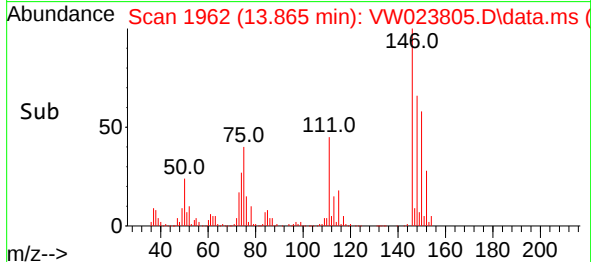
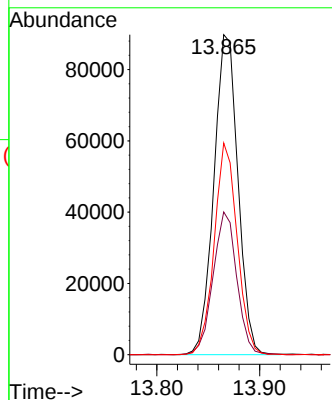
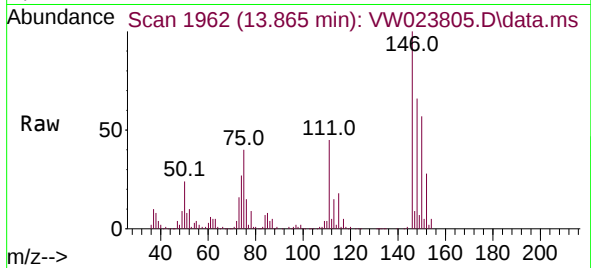
Tgt Ion:146 Resp: 146276

Ion Ratio Lower Upper

146 100

111 44.6 35.9 53.9

148 66.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.025 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023805.D

Acq: 16 Jul 2022 22:26

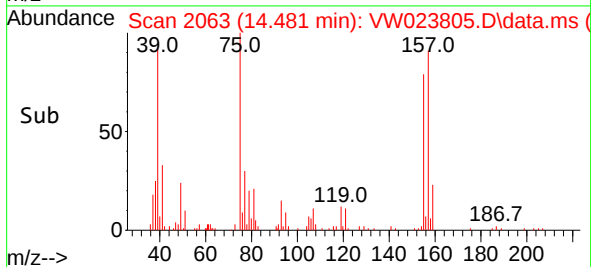
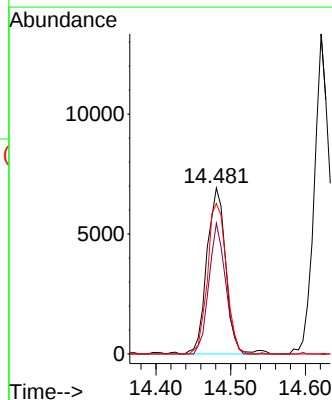
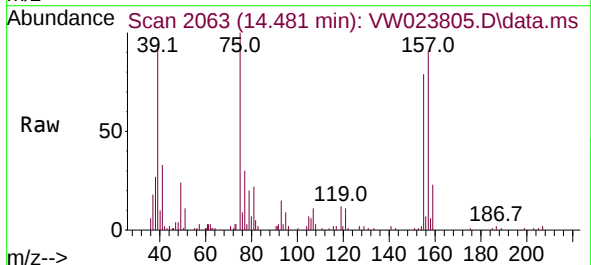
Tgt Ion: 75 Resp: 12123

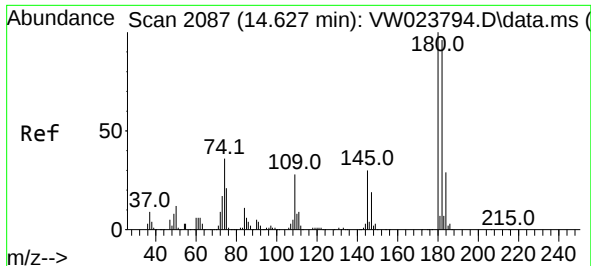
Ion Ratio Lower Upper

75 100

155 78.7 51.7 77.5#

157 90.6 63.5 95.3

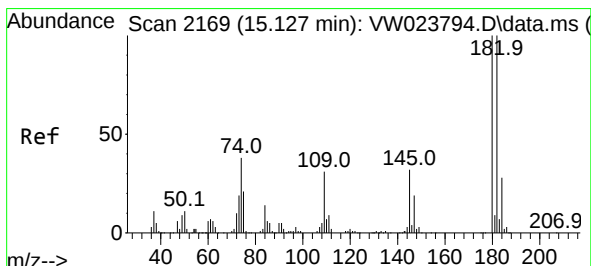
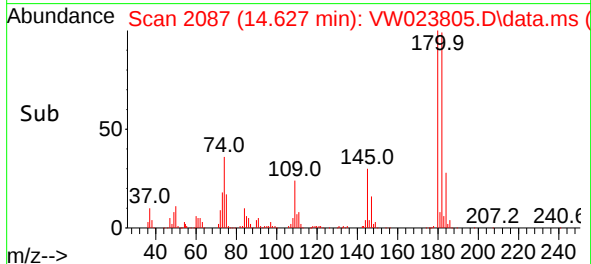
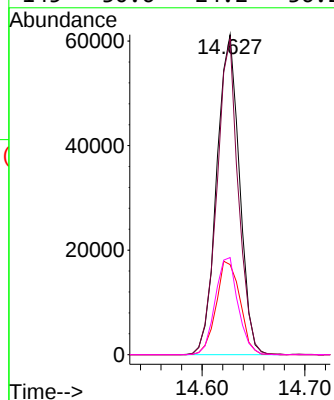
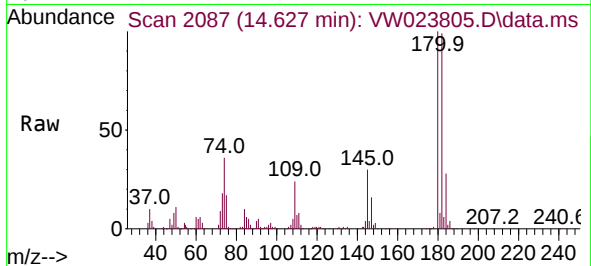




#69
1,3,5-Trichlorobenzene
Concen: 22.268 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

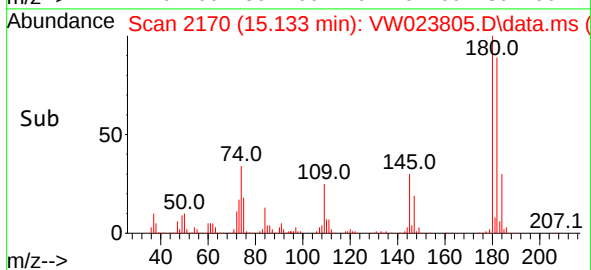
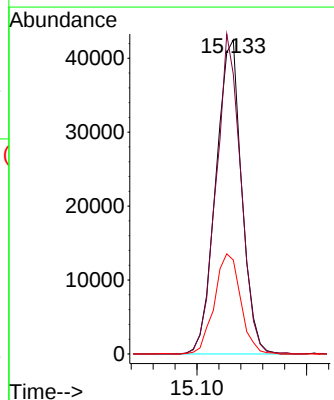
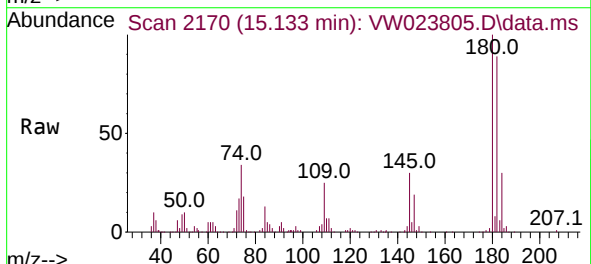
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

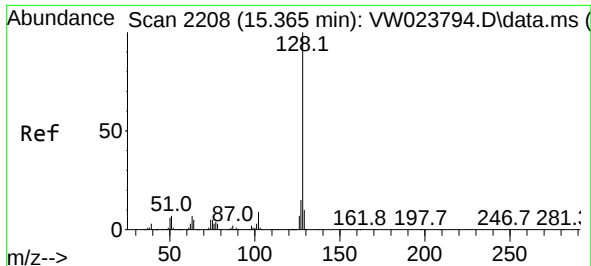
Tgt Ion:180	Resp:	93589
Ion Ratio	Lower	Upper
180	100	
182	93.0	70.2 105.2
184	30.8	22.6 34.0
145	30.6	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 21.426 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion:180	Resp:	69535
Ion Ratio	Lower	Upper
180	100	
182	97.3	77.5 116.3
145	32.3	26.3 39.5

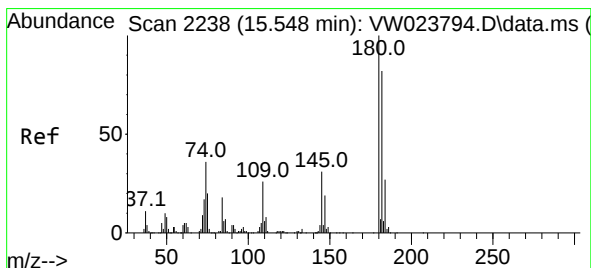
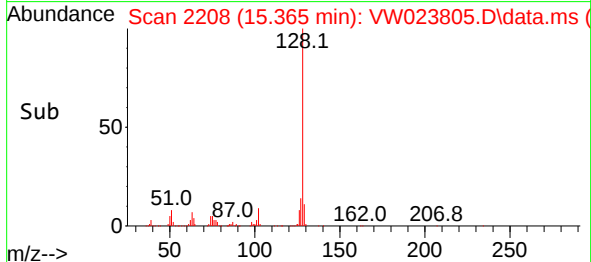
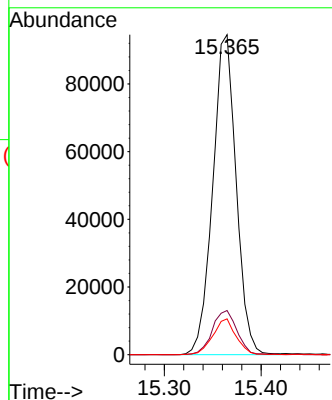
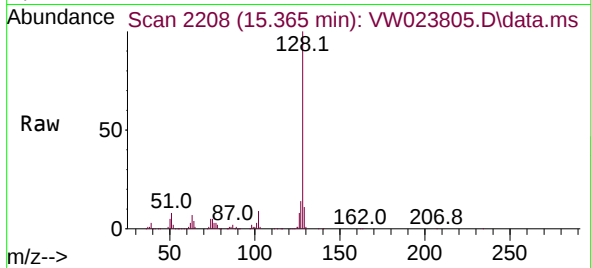




#71
Naphthalene
Concen: 22.851 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

Tgt Ion:128 Resp: 159075
Ion Ratio Lower Upper
128 100
127 14.6 11.0 16.4
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 22.348 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023805.D
Acq: 16 Jul 2022 22:26

Tgt Ion:180 Resp: 67601
Ion Ratio Lower Upper
180 100
182 95.8 76.3 114.5
145 33.1 27.8 41.6

