

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023828.D
 Acq On : 17 Jul 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: Jul 18 03:04:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:58:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107873	32.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.960%	
7) Chloroethane-d5	2.879	69	78428	35.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.560%	
11) 1,1-Dichloroethene-d2	4.013	63	63749	23.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 93.600%	
21) 2-Butanone-d5	7.074	46	26102	50.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.580%	
24) Chloroform-d	7.647	84	99606	26.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.480%	
26) 1,2-Dichloroethane-d4	8.305	65	59184	25.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.480%	
32) Benzene-d6	8.275	84	190502	25.150	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.600%	
36) 1,2-Dichloropropane-d6	9.275	67	57839	25.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.400%	
41) Toluene-d8	10.323	98	196753	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.440%	
43) trans-1,3-Dichloroprop...	10.579	79	24004	22.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 89.760%	
47) 2-Hexanone-d5	10.921	63	23311	48.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.180%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	66298	26.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.160%	
66) 1,2-Dichlorobenzene-d4	13.853	152	74040	26.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	17062	19.166	ug/L	98
3) Chloromethane	2.215	50	52697	24.172	ug/L	98
5) Vinyl chloride	2.355	62	105560	28.197	ug/L	99
6) Bromomethane	2.770	94	70645	29.175	ug/L	99
8) Chloroethane	2.916	64	53105	30.321	ug/L	99
9) Trichlorofluoromethane	3.251	101	46756	27.476	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37140	22.301	ug/L	98
12) 1,1-Dichloroethene	4.038	96	31130	22.417	ug/L	87
13) Acetone	4.129	43	15166	41.332	ug/L	99
14) Carbon disulfide	4.379	76	83537	20.450	ug/L	97
16) Methylene chloride	4.909	84	44078	21.517	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	37920	22.506	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	61605	23.634	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	73986	23.805	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43885	23.510	ug/L #	92
22) 2-Butanone	7.171	43	26402	43.784	ug/L	98
23) Bromochloromethane	7.513	128	23038	25.692	ug/L	88
25) Chloroform	7.677	83	86424	24.137	ug/L	96
27) 1,2-Dichloroethane	8.403	62	59717	22.661	ug/L	99

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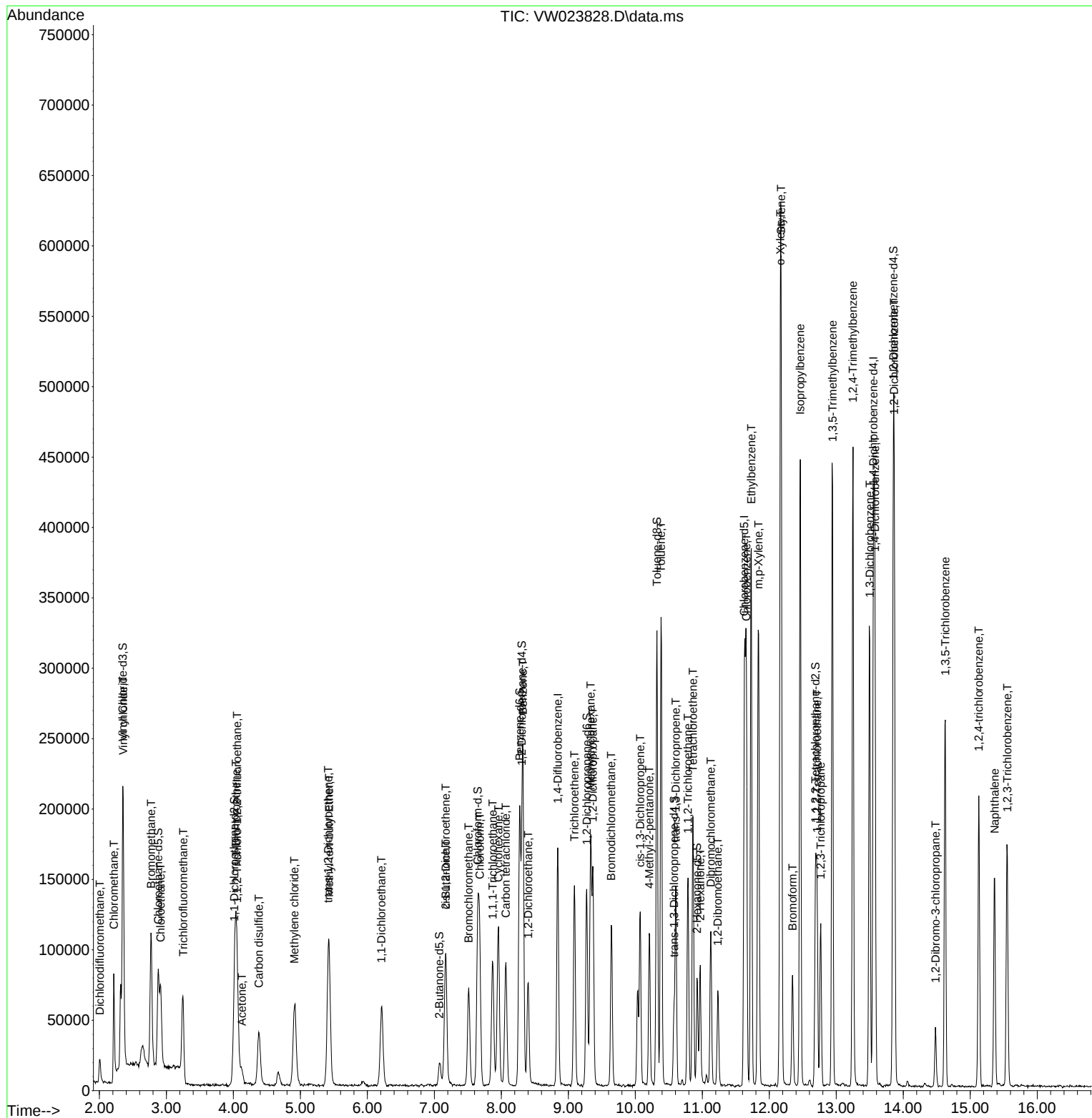
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	50779	19.054	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	65569	20.782	ug/L	98
31) Carbon tetrachloride	8.067	117	59201	20.816	ug/L	99
33) Benzene	8.323	78	185219	22.368	ug/L	100
34) Trichloroethene	9.092	95	45481	20.800	ug/L	94
35) Methylcyclohexane	9.335	83	63520	19.077	ug/L	98
37) 1,2-Dichloropropane	9.366	63	48482	23.354	ug/L	100
38) Bromodichloromethane	9.640	83	68160	23.525	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	62690	20.035	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	66586	46.093	ug/L	98
42) Toluene	10.384	91	228538	24.201	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	63979	21.513	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	42361	23.337	ug/L	96
46) Tetrachloroethene	10.860	164	37912	22.423	ug/L	90
48) 2-Hexanone	10.969	43	51936	49.380	ug/L	99
49) Dibromochloromethane	11.128	129	48955	23.256	ug/L	99
50) 1,2-Dibromoethane	11.232	107	40187	23.044	ug/L	98
51) Chlorobenzene	11.658	112	150245	23.590	ug/L	94
52) Ethylbenzene	11.731	91	257489	23.994	ug/L	99
53) m,p-Xylene	11.841	106	100172	23.925	ug/L	97
54) o-Xylene	12.164	106	98988	24.618	ug/L	92
55) Styrene	12.176	104	180969	25.476	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	59879	24.184	ug/L #	96
59) Bromoform	12.347	173	29674	25.431	ug/L #	94
60) Isopropylbenzene	12.463	105	261903	24.639	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	40682	23.446	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	215315	24.741	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	214457	24.648	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	120886	25.047	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	119770	23.326	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	114044	25.055	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8473	21.172	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	71605	22.415	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	55604	22.542	ug/L	96
71) Naphthalene	15.365	128	117163	22.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	48452	21.074	ug/L	99

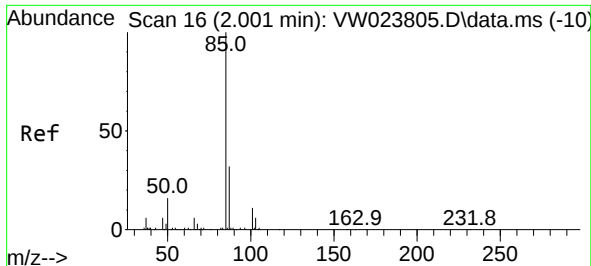
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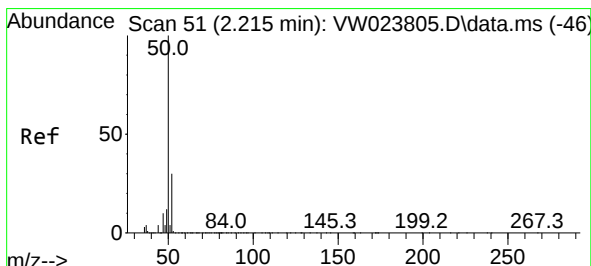
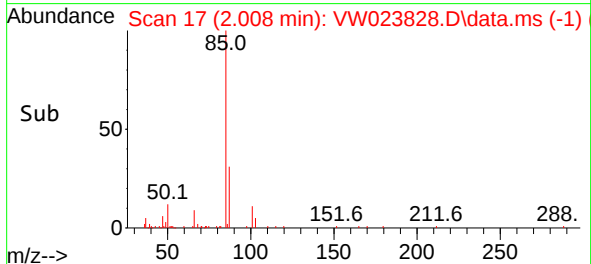
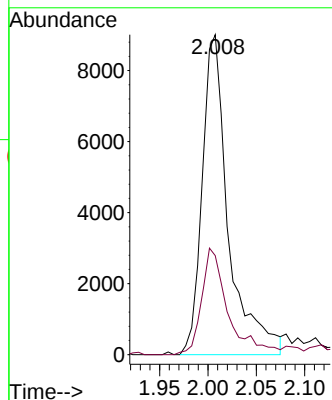
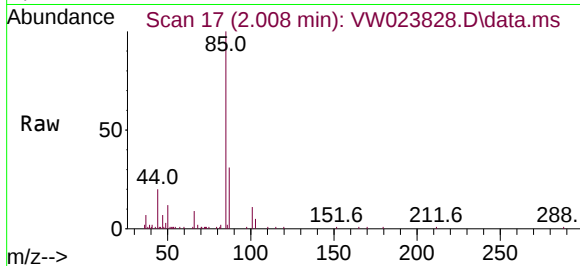




#2
 Dichlorodifluoromethane
 Concen: 19.166 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

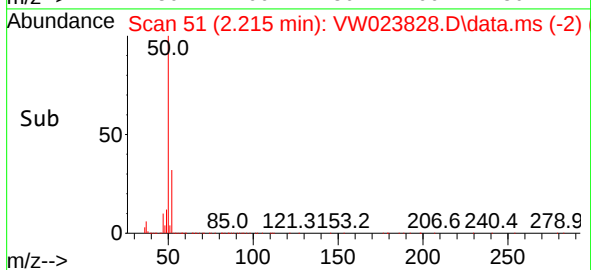
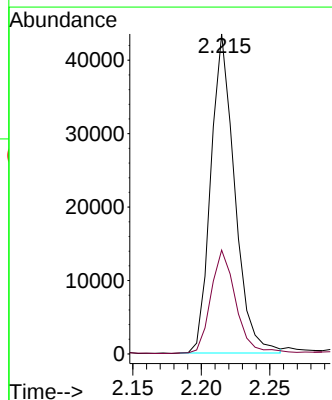
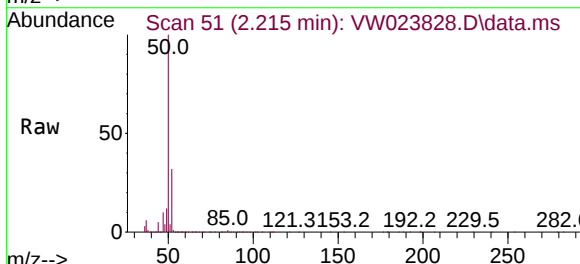
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 ClientSampleId :
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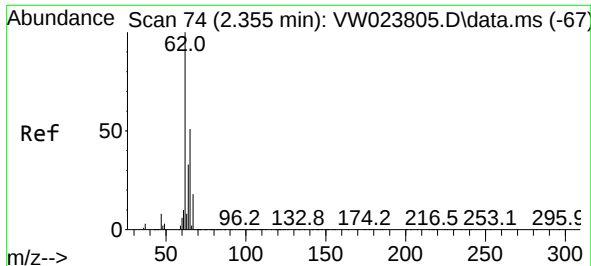
Tgt Ion: 85 Resp: 17062
 Ion Ratio Lower Upper
 85 100
 87 29.9 24.7 37.1



#3
 Chloromethane
 Concen: 24.172 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

Tgt Ion: 50 Resp: 52697
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.7 44.1

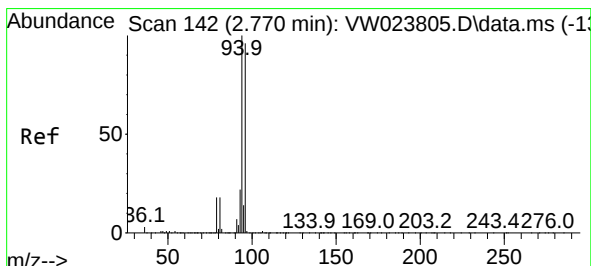
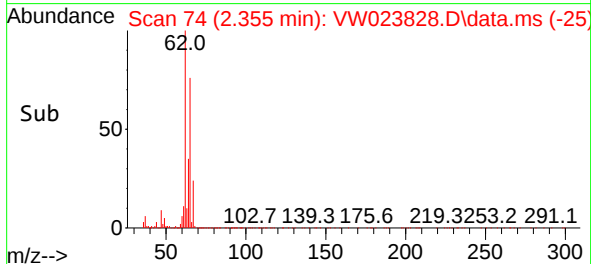
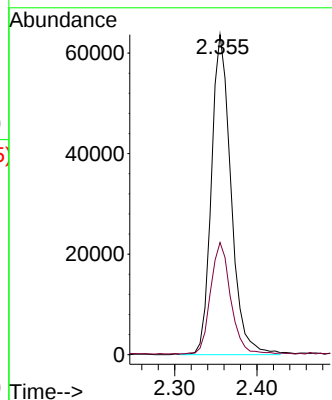
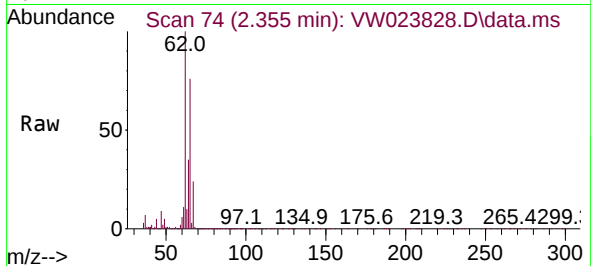




#5
 Vinyl chloride
 Concen: 28.197 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

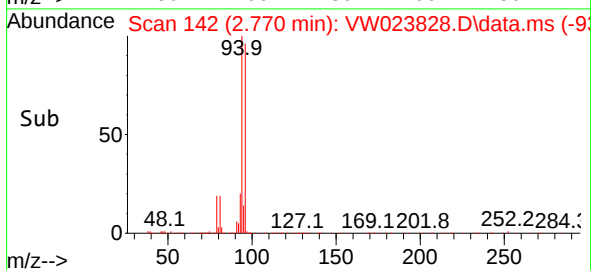
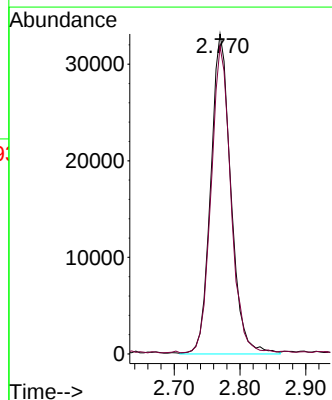
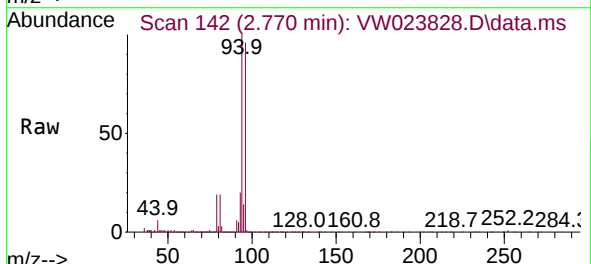
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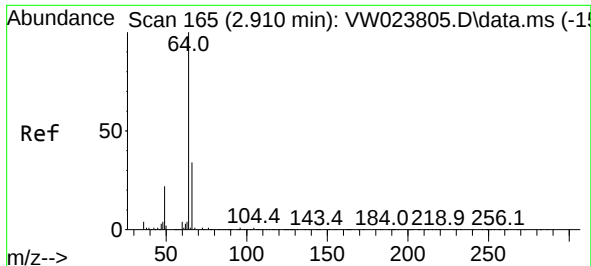
Tgt Ion: 62 Resp: 105560
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.0 44.6



#6
 Bromomethane
 Concen: 29.175 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

Tgt Ion: 94 Resp: 70645
 Ion Ratio Lower Upper
 94 100
 96 96.1 68.2 126.6

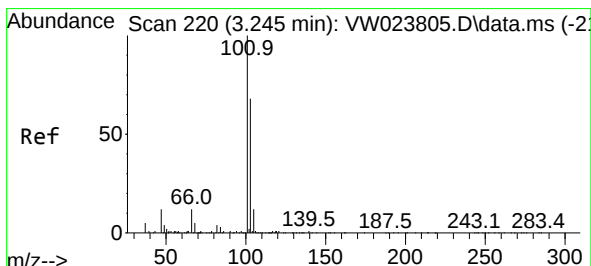
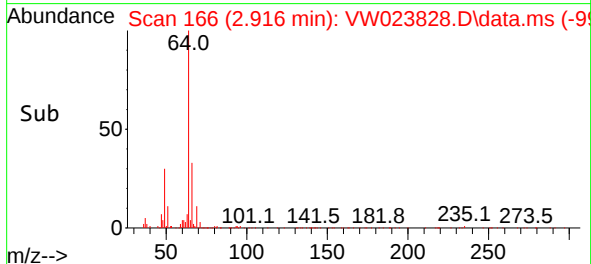
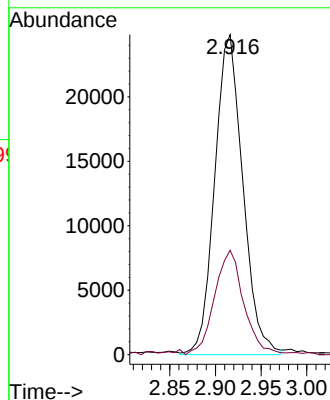
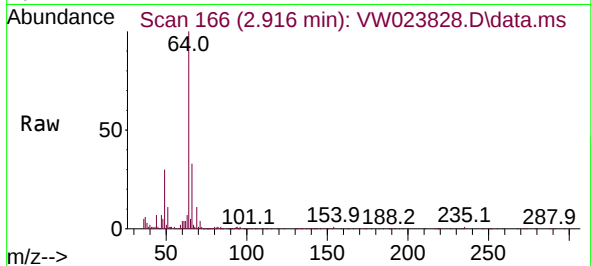




#8
Chloroethane
Concen: 30.321 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

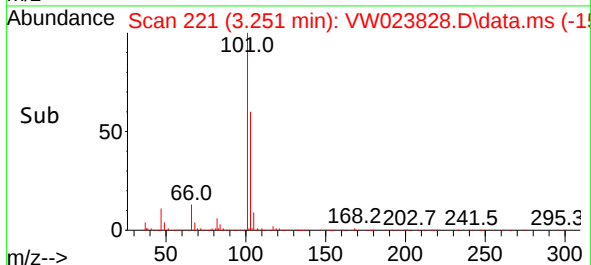
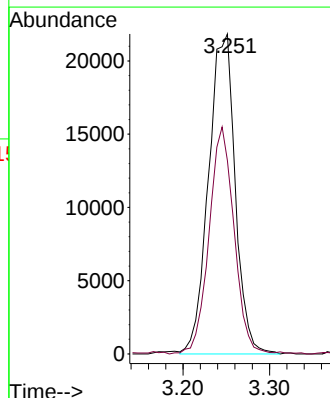
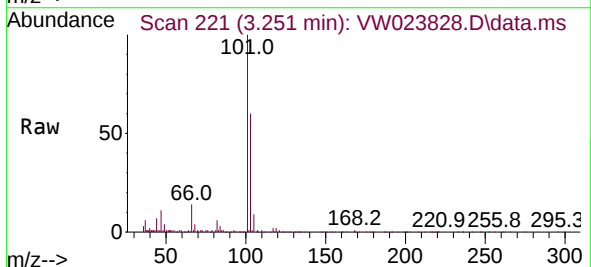
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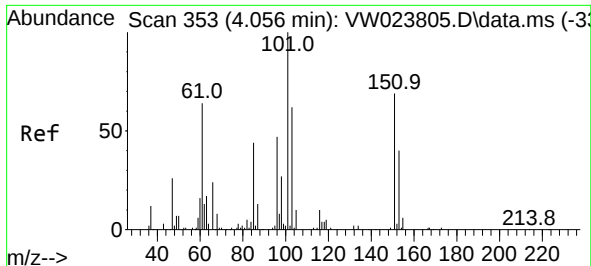
Tgt Ion: 64 Resp: 53105
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 27.476 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion: 101 Resp: 46756
Ion Ratio Lower Upper
101 100
103 66.3 52.1 78.1

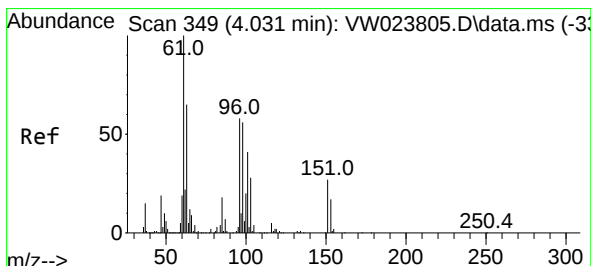
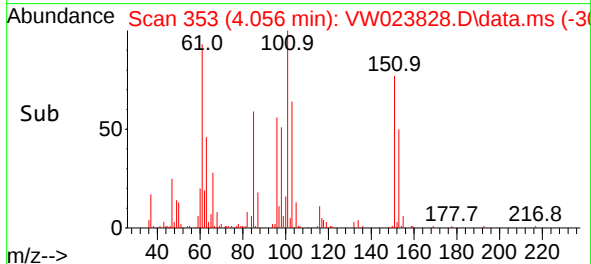
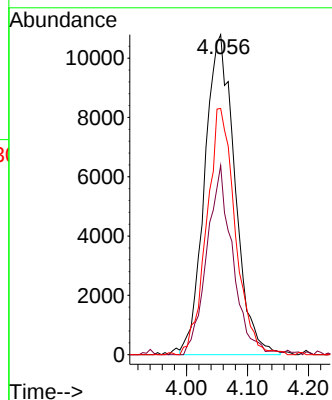
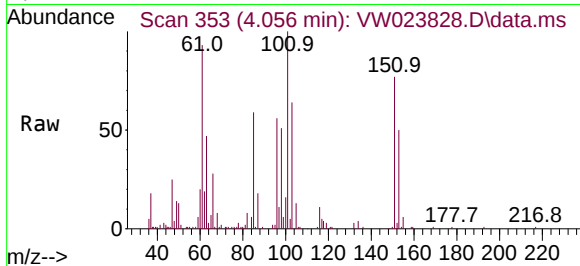




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.301 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

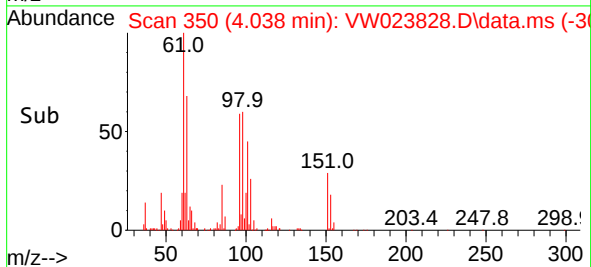
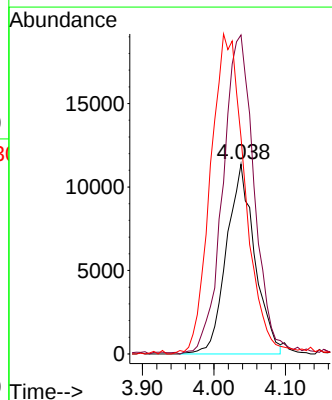
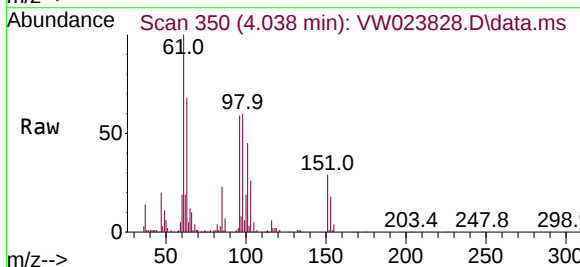
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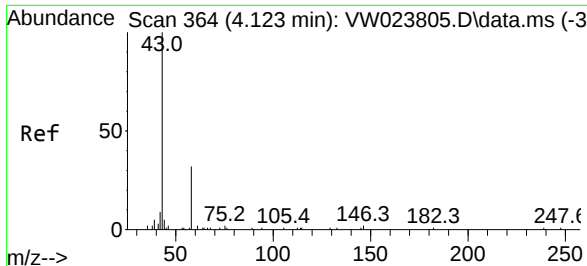
Tgt Ion:	101	Resp:	37140
Ion	Ratio	Lower	Upper
101	100		
85	50.2	37.6	56.4
151	72.2	57.6	86.4



#12
 1,1-Dichloroethene
 Concen: 22.417 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

Tgt Ion:	96	Resp:	31130
Ion	Ratio	Lower	Upper
96	100		
61	168.2	125.4	232.8
63	114.3	97.4	180.8





#13

Acetone

Concen: 41.332 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

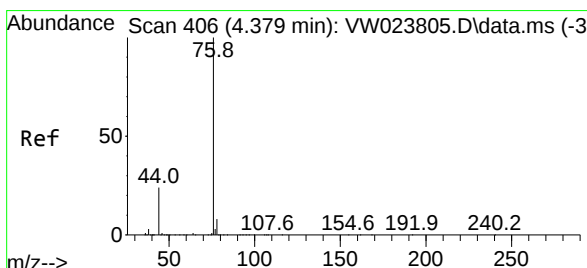
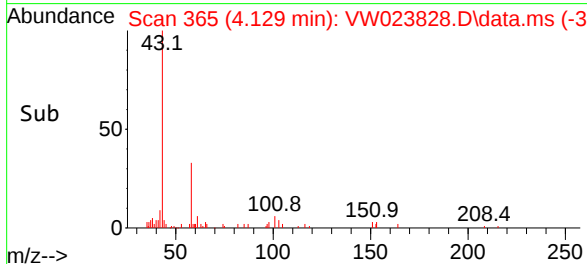
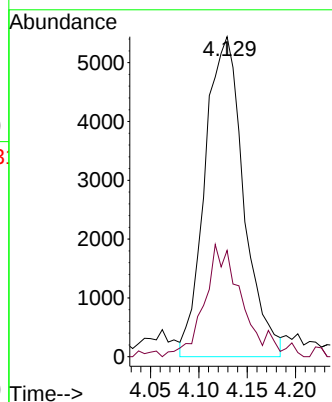
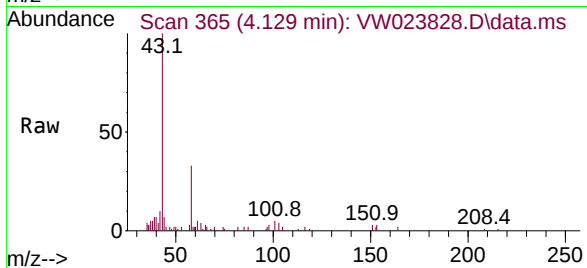
VSTD025491

Tgt Ion: 43 Resp: 15166

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.2



#14

Carbon disulfide

Concen: 20.450 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

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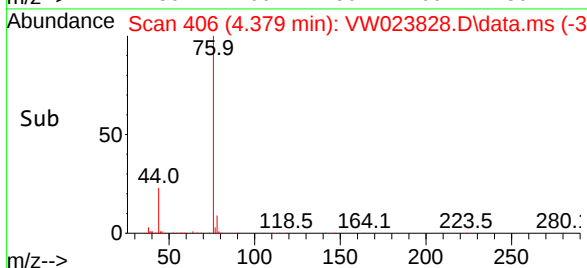
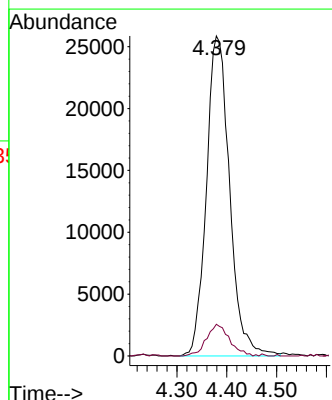
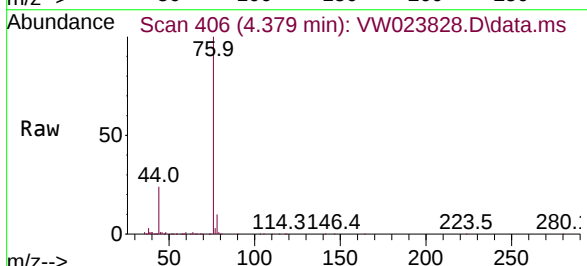
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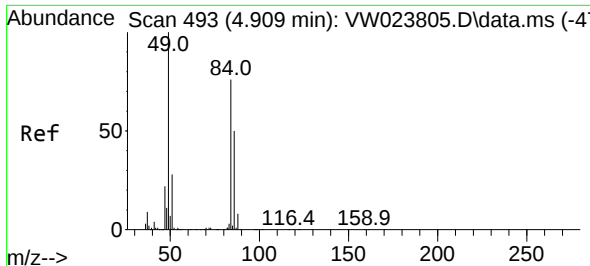
Tgt Ion: 76 Resp: 83537

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8

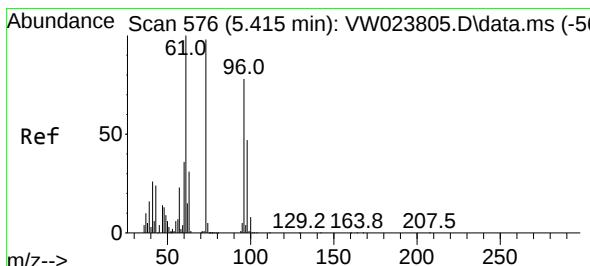
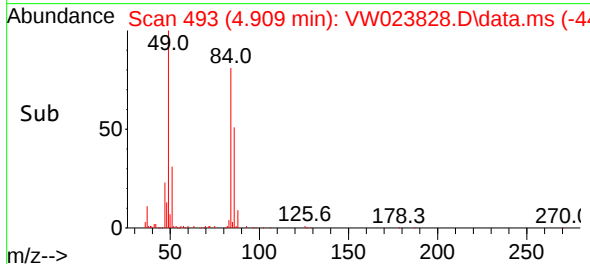
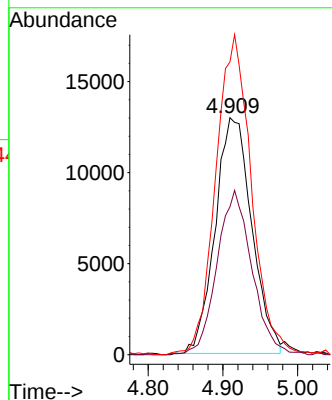
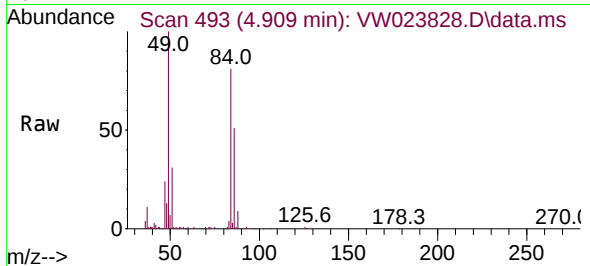




#16
Methylene chloride
Concen: 21.517 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

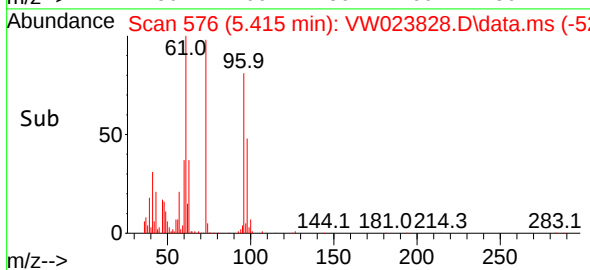
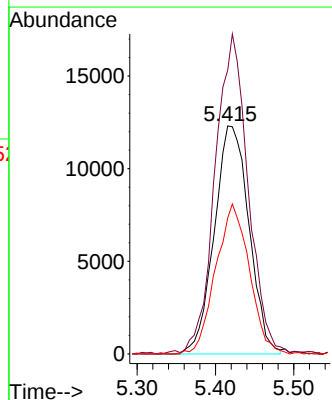
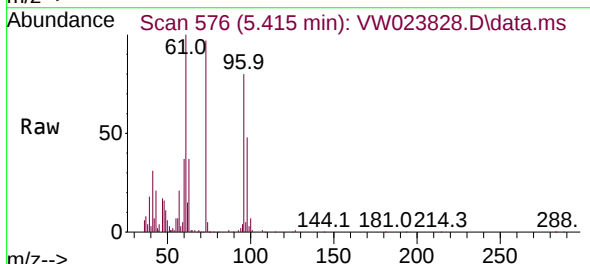
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

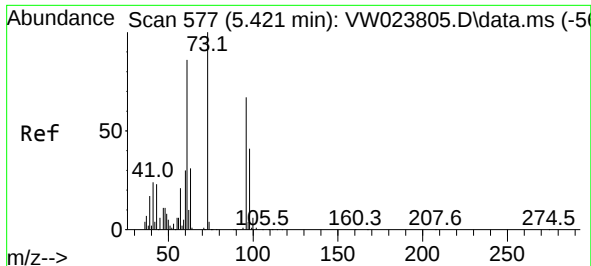
Tgt Ion:	84	Resp:	44078
Ion	Ratio	Lower	Upper
84	100		
86	62.4	42.8	79.6
49	123.6	85.4	158.6



#17
trans-1,2-Dichloroethene
Concen: 22.506 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:	96	Resp:	37920
Ion	Ratio	Lower	Upper
96	100		
61	124.5	90.8	168.6
98	59.6	42.8	79.6

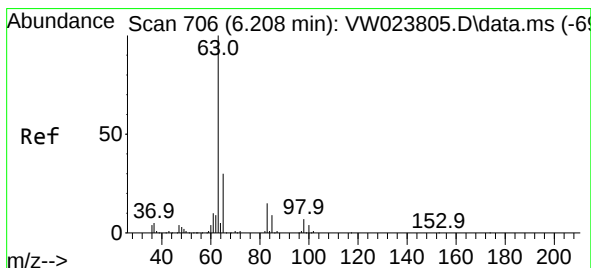
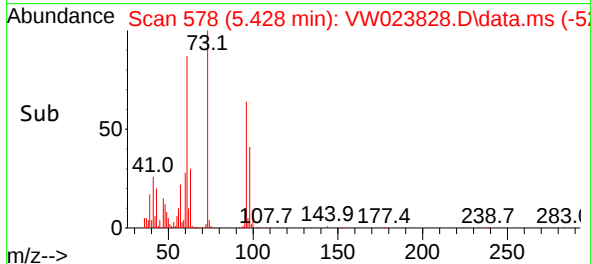
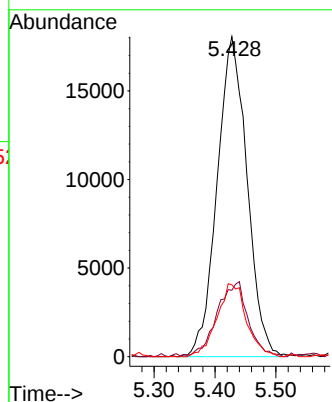
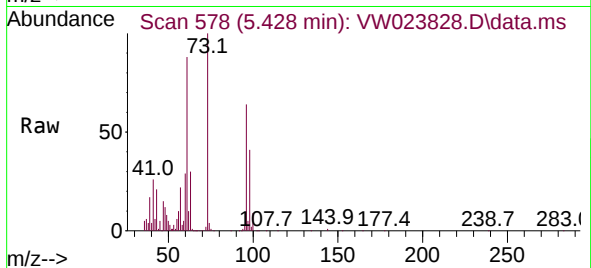




#18
Methyl tert-butyl Ether
Concen: 23.634 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

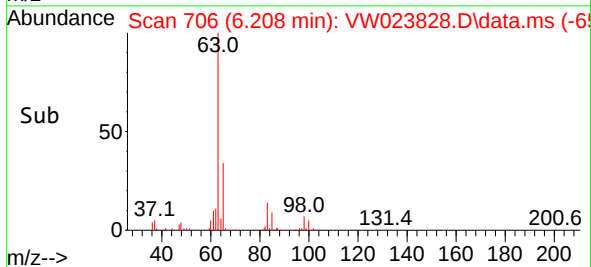
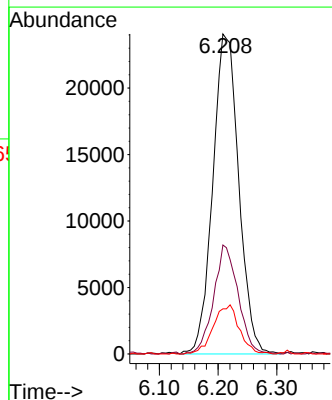
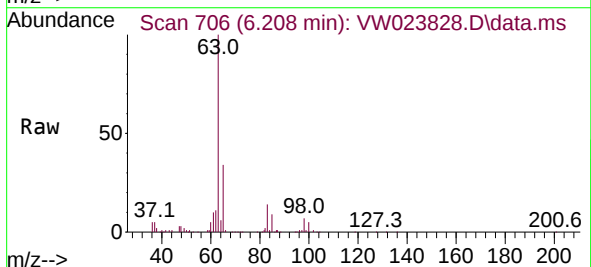
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

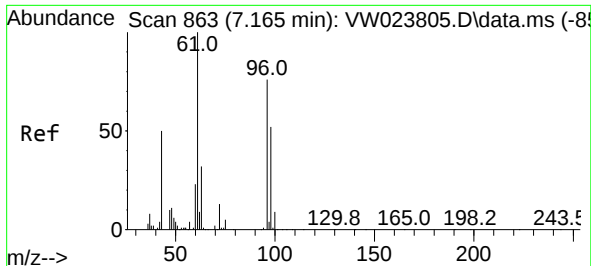
Tgt Ion: 73 Resp: 61605
Ion Ratio Lower Upper
73 100
43 24.2 17.6 26.4
57 14.8 16.8 25.2#



#19
1,1-Dichloroethane
Concen: 23.805 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion: 63 Resp: 73986
Ion Ratio Lower Upper
63 100
65 34.0 22.7 42.1
83 14.1 9.7 18.1

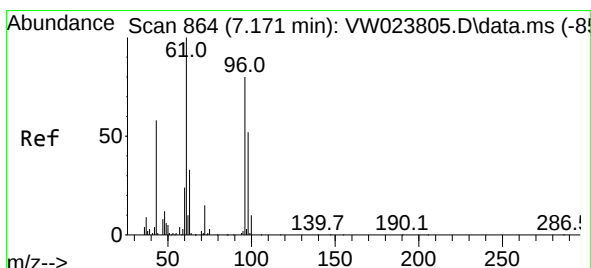
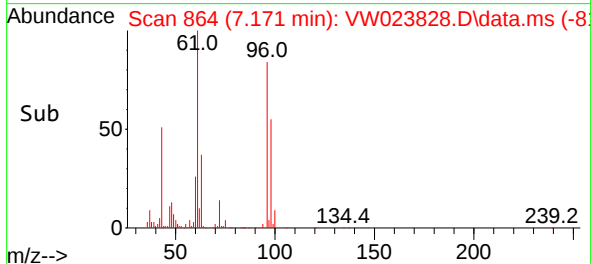
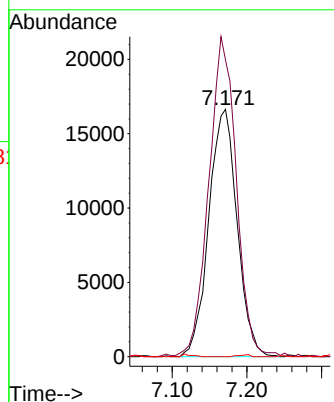
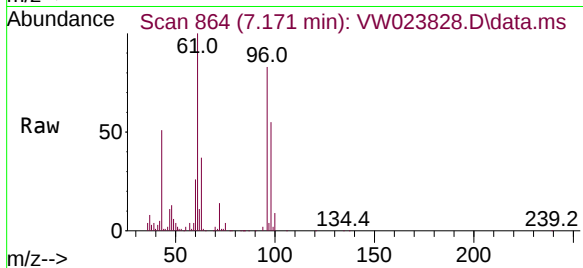




#20
 cis-1,2-Dichloroethene
 Concen: 23.510 ug/L
 RT: 7.171 min Scan# 863
 Delta R.T. 0.006 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

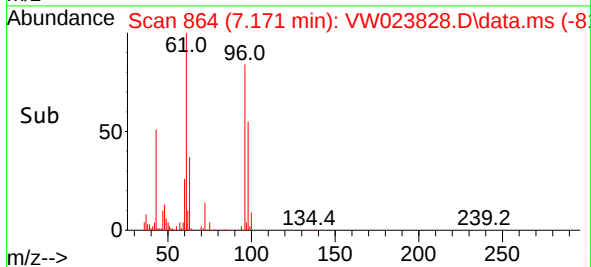
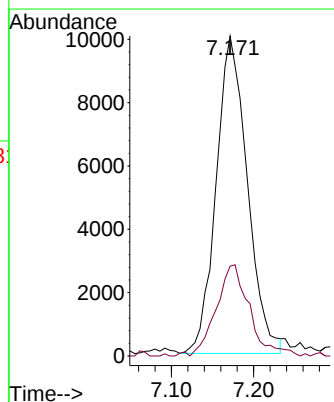
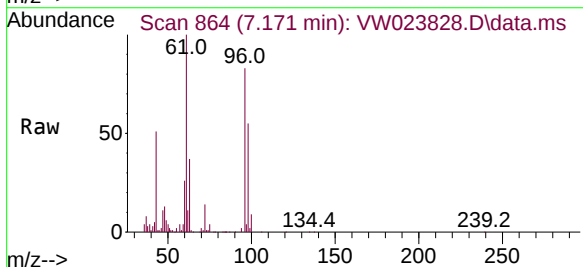
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

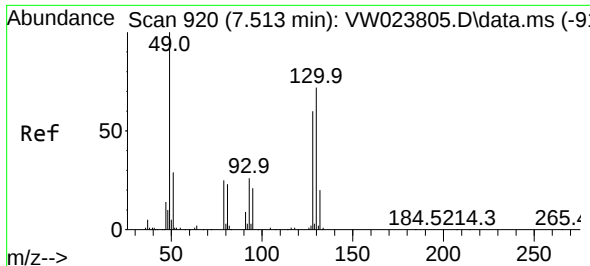
Tgt Ion: 96 Resp: 43885
 Ion Ratio Lower Upper
 96 100
 61 120.0 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 43.784 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

Tgt Ion: 43 Resp: 26402
 Ion Ratio Lower Upper
 43 100
 72 30.4 14.7 44.1

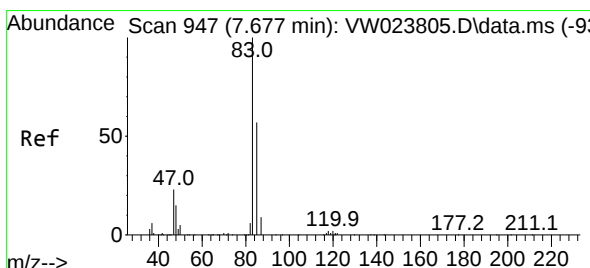
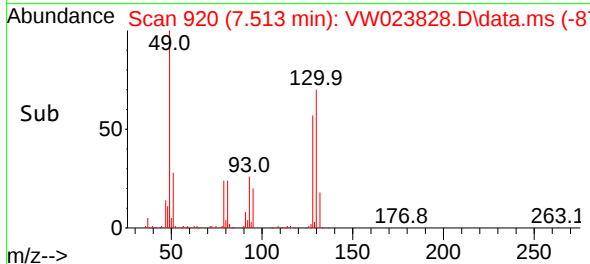
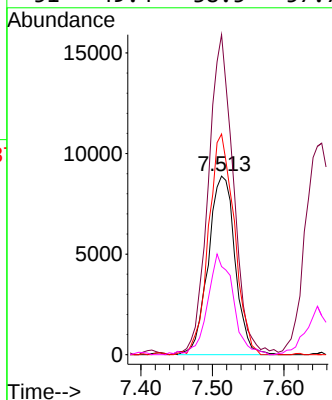
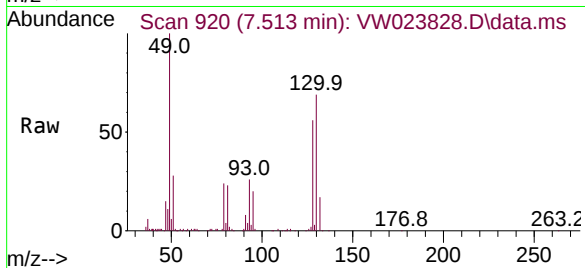




#23
Bromochloromethane
Concen: 25.692 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

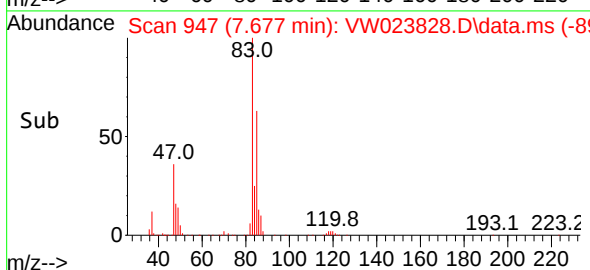
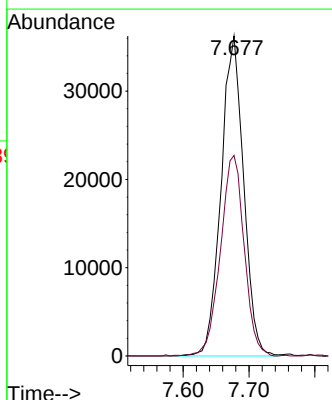
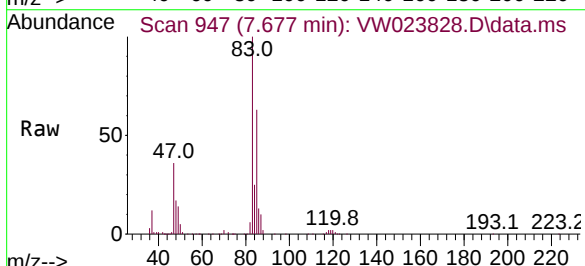
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

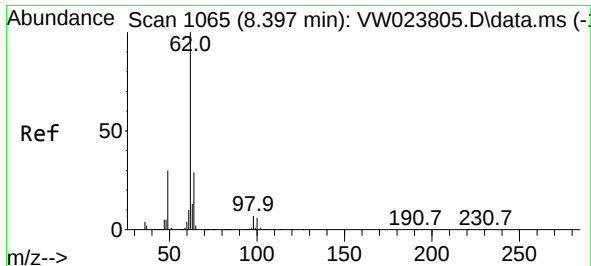
Tgt Ion:	128	Resp:	23038
Ion	Ratio	Lower	Upper
128	100		
49	179.1	106.0	196.8
130	123.6	83.2	154.4
51	49.4	38.5	57.7



#25
Chloroform
Concen: 24.137 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:	83	Resp:	86424
Ion	Ratio	Lower	Upper
83	100		
85	62.6	41.9	77.9





#27

1,2-Dichloroethane

Concen: 22.661 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

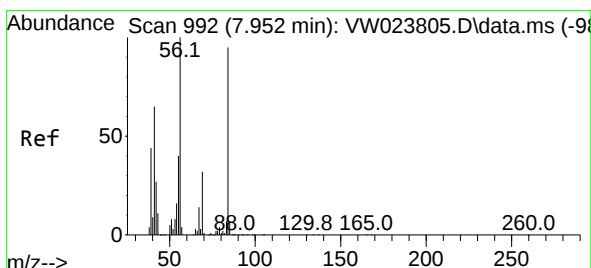
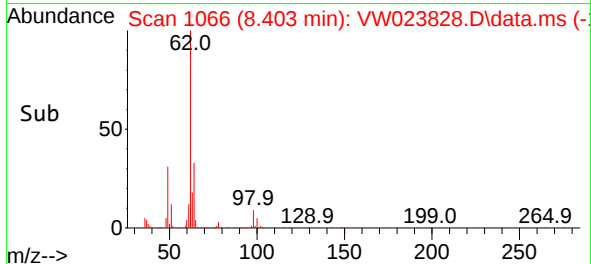
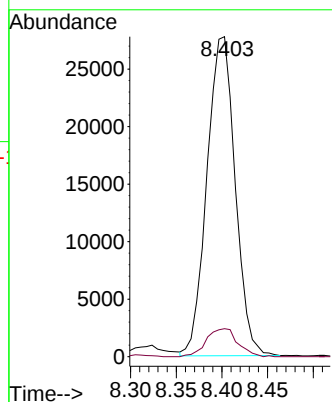
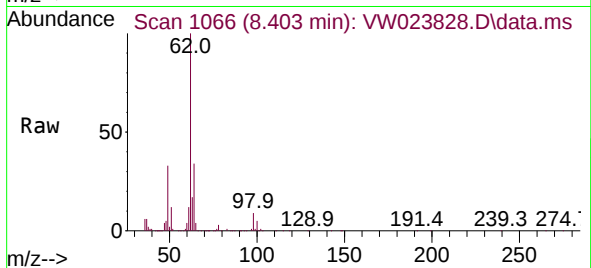
VSTD025491

Tgt Ion: 62 Resp: 59717

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8



#29

Cyclohexane

Concen: 19.054 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

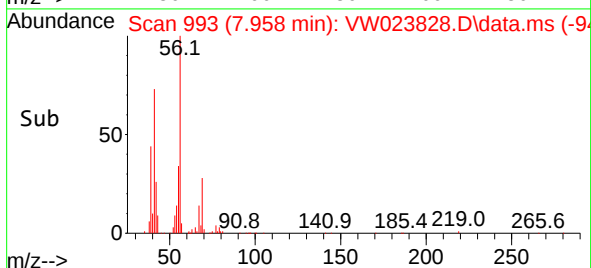
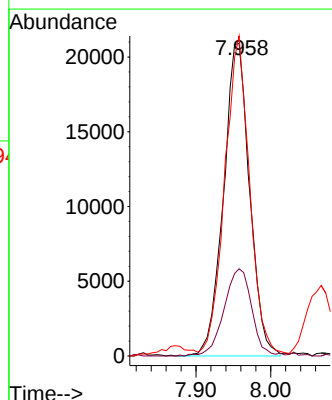
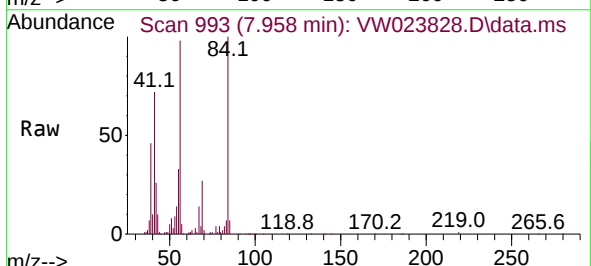
Tgt Ion: 56 Resp: 50779

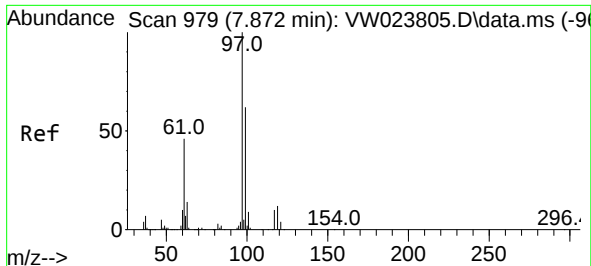
Ion Ratio Lower Upper

56 100

69 29.1 25.4 38.0

84 97.2 75.0 112.4





#30

1,1,1-Trichloroethane

Concen: 20.782 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

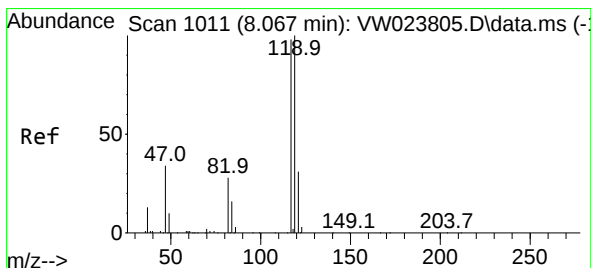
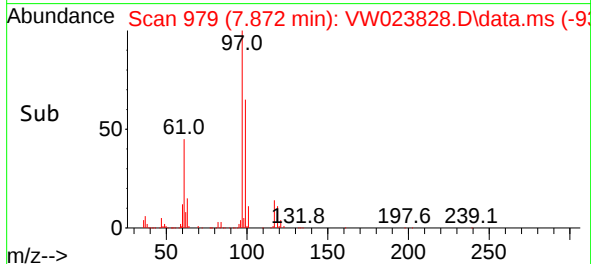
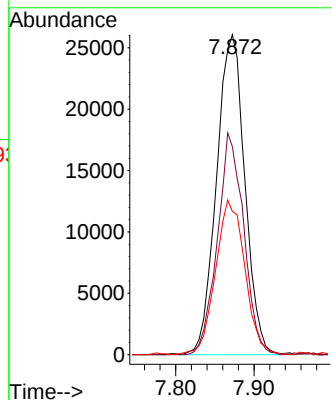
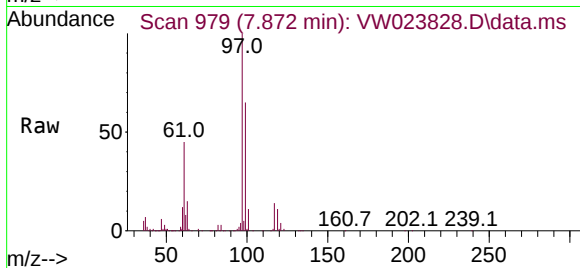
Tgt Ion: 97 Resp: 65569

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 50.0 37.5 56.3



#31

Carbon tetrachloride

Concen: 20.816 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023828.D

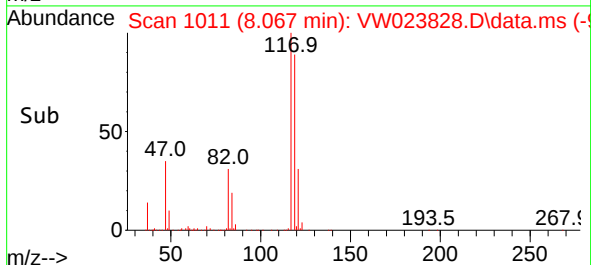
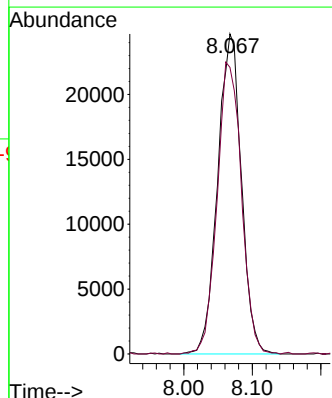
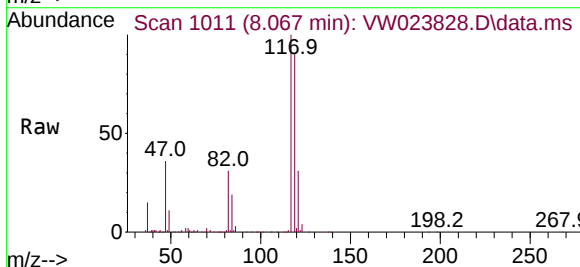
Acq: 17 Jul 2022 08:40

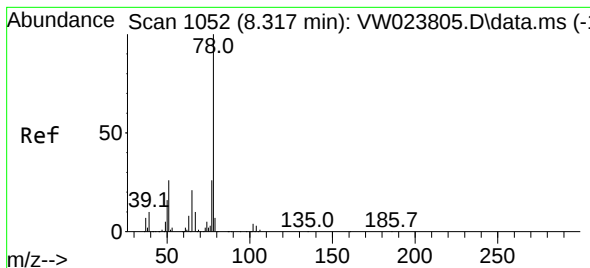
Tgt Ion: 117 Resp: 59201

Ion Ratio Lower Upper

117 100

119 93.5 75.7 113.5





#33

Benzene

Concen: 22.368 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

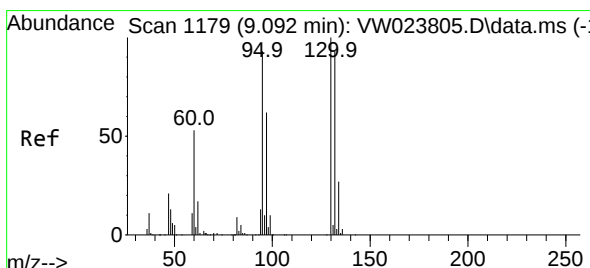
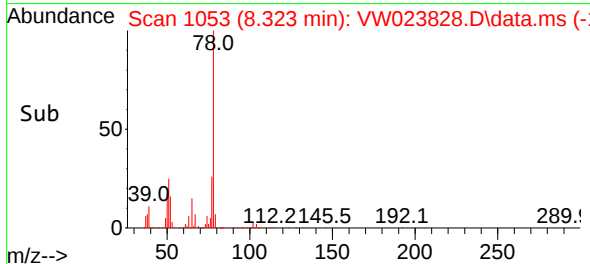
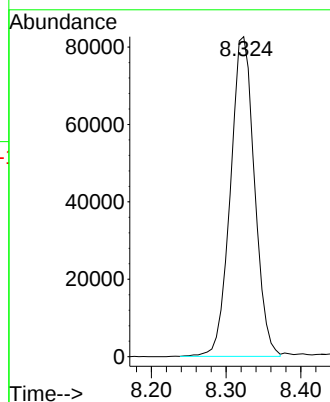
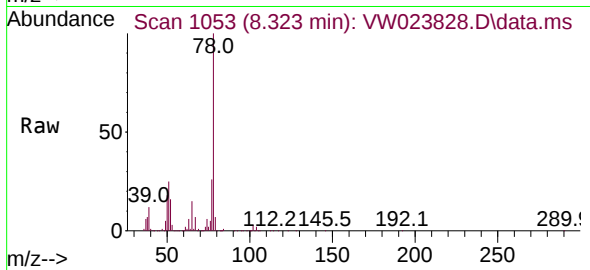
Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion: 78 Resp: 185219



#34

Trichloroethene

Concen: 20.800 ug/L

RT: 9.092 min Scan# 1179

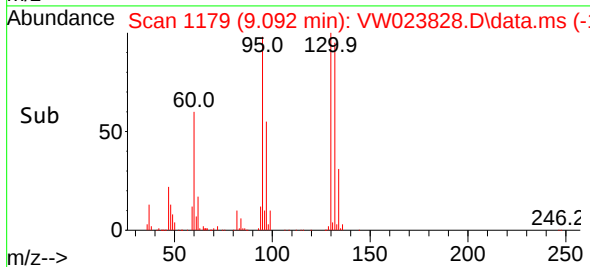
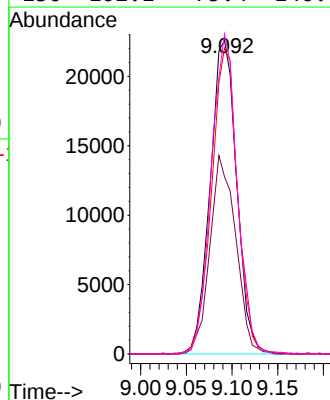
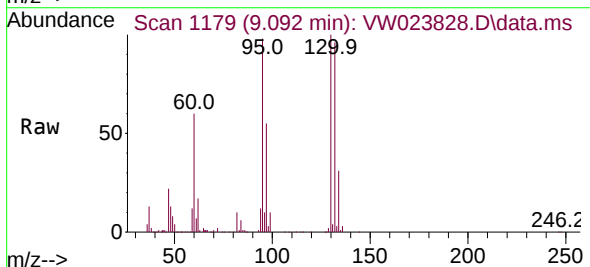
Delta R.T. 0.000 min

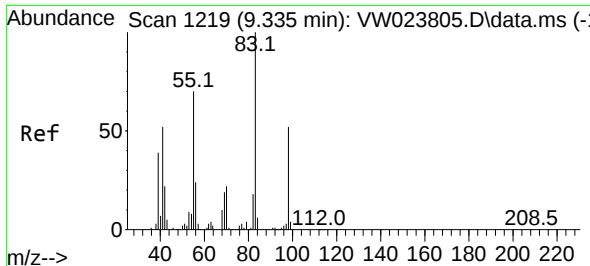
Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Tgt Ion: 95 Resp: 45481

Ion	Ratio	Lower	Upper
95	100		
97	56.6	45.6	84.8
132	97.6	69.9	129.7
130	102.1	75.4	140.0

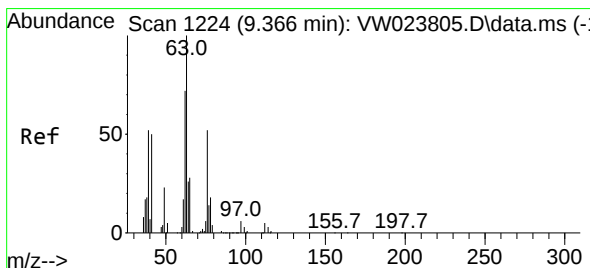
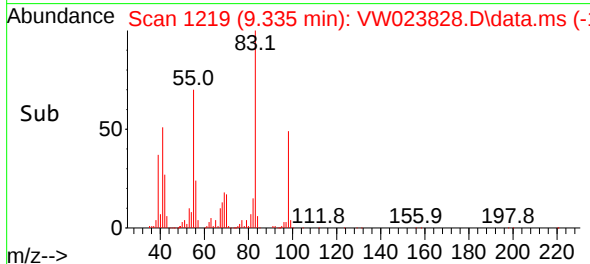
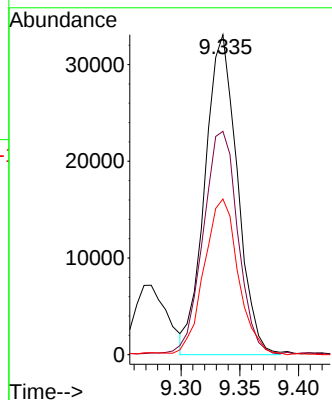
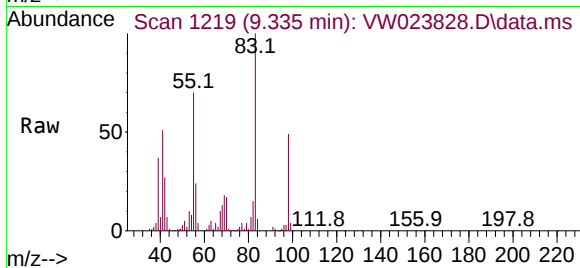




#35
Methylcyclohexane
Concen: 19.077 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

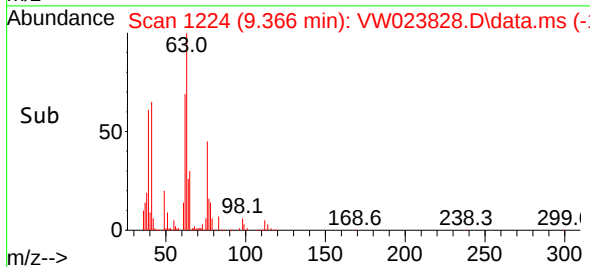
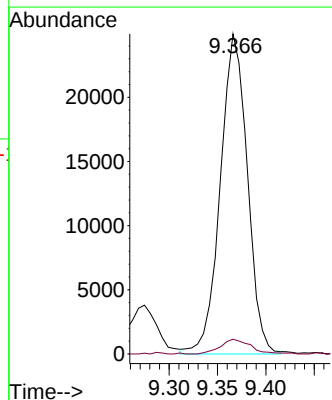
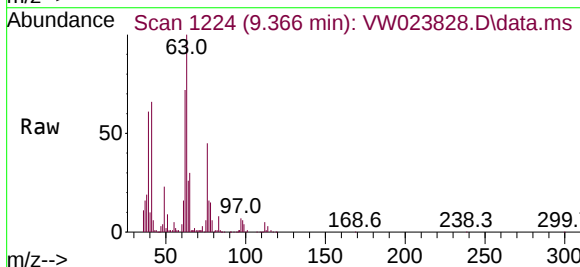
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

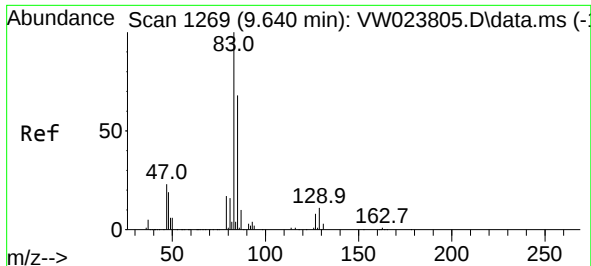
Tgt Ion: 83 Resp: 63520
Ion Ratio Lower Upper
83 100
55 74.3 60.8 91.2
98 51.3 39.5 59.3



#37
1,2-Dichloropropane
Concen: 23.354 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion: 63 Resp: 48482
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2

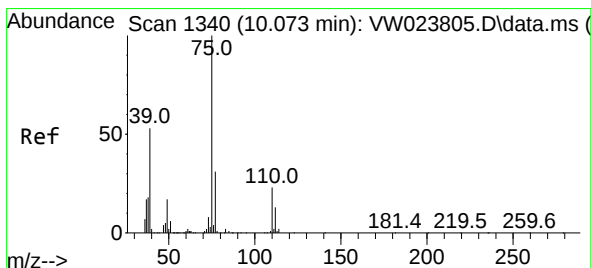
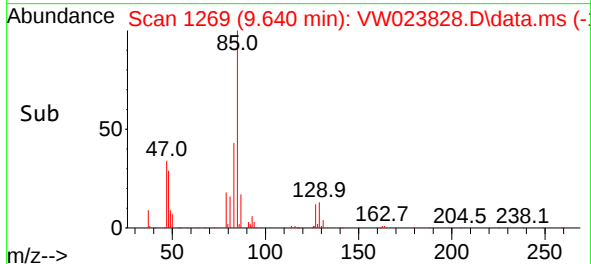
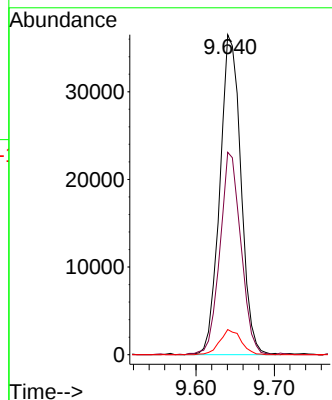
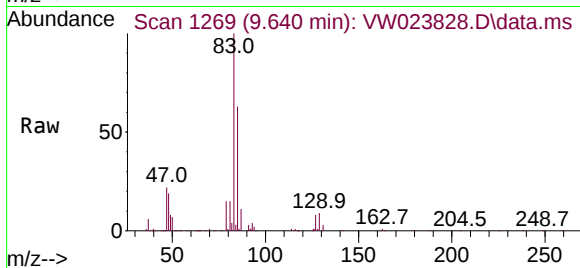




#38
Bromodichloromethane
Concen: 23.525 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

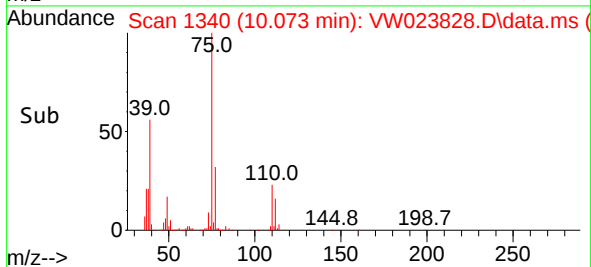
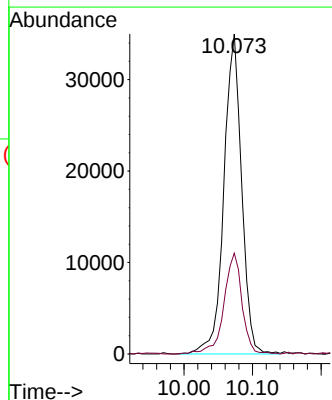
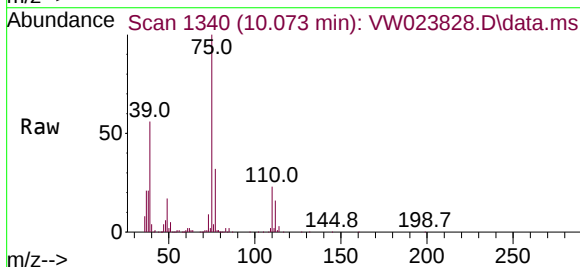
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

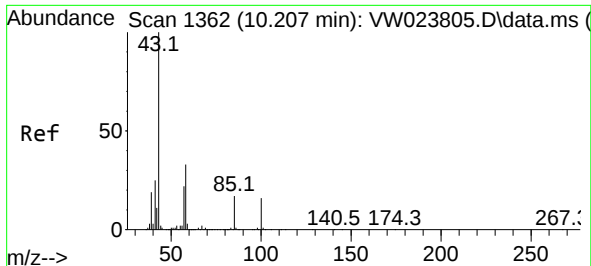
Tgt Ion: 83 Resp: 68160
Ion Ratio Lower Upper
83 100
85 63.2 45.5 84.5
127 7.8 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 20.035 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion: 75 Resp: 62690
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9

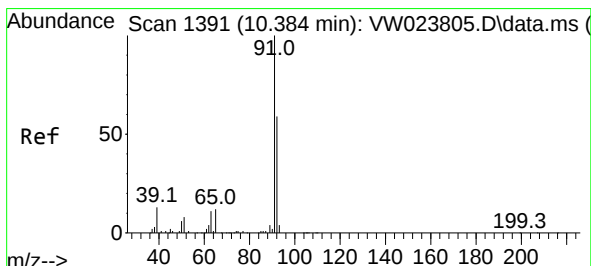
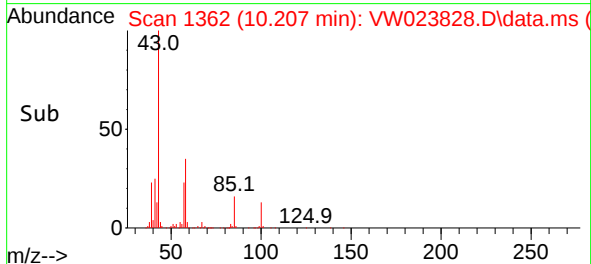
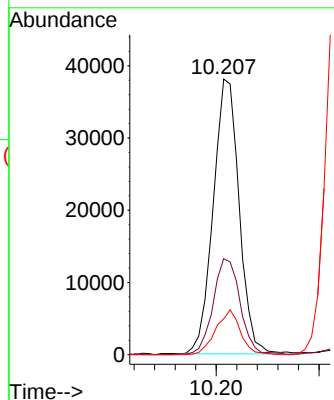
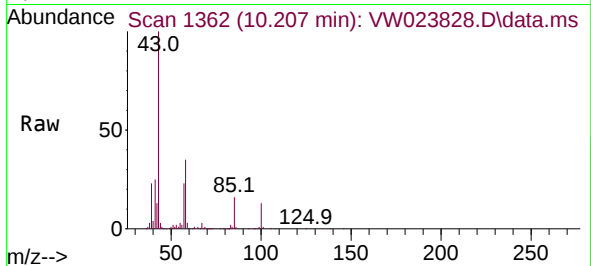




#40
4-Methyl-2-pentanone
Concen: 46.093 ug/L
RT: 10.207 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

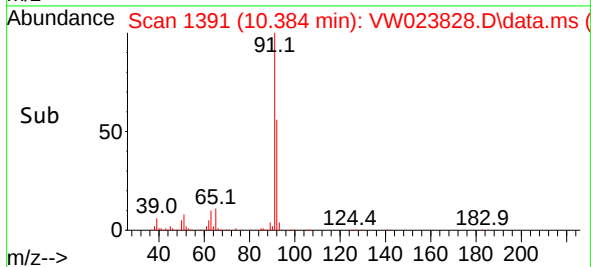
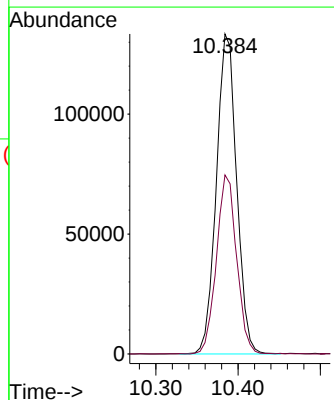
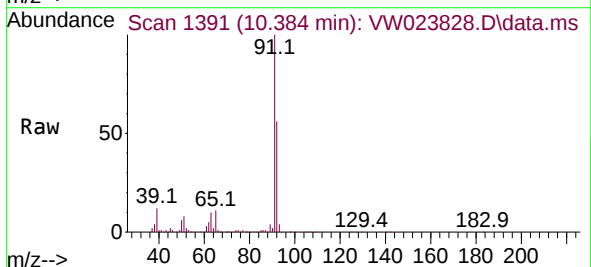
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

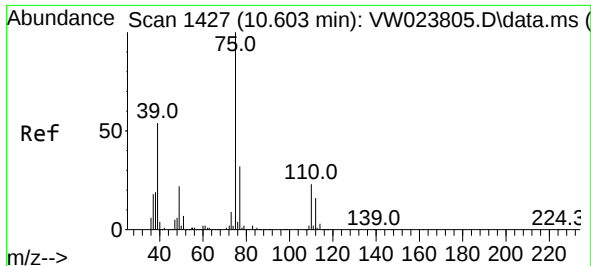
Tgt Ion:	43	Resp:	66586
Ion Ratio	Lower	Upper	
43	100		
58	36.3	29.8	44.8
100	15.5	13.0	19.4



#42
Toluene
Concen: 24.201 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:	91	Resp:	228538
Ion Ratio	Lower	Upper	
91	100		
92	55.9	39.9	74.1

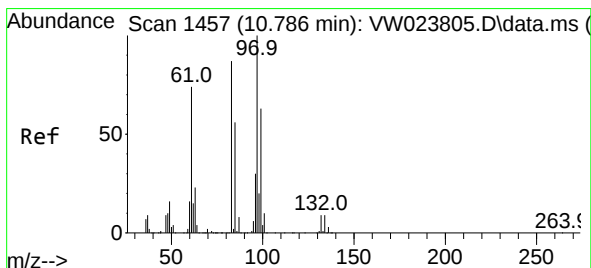
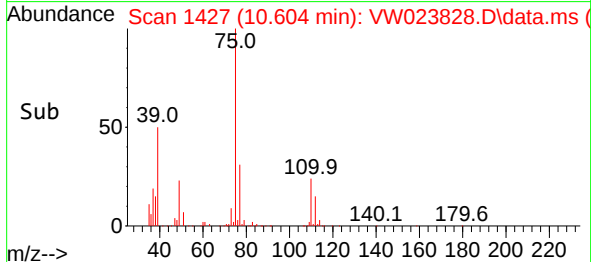
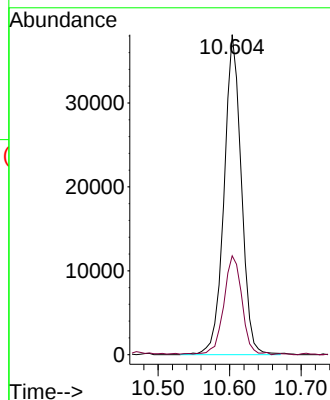
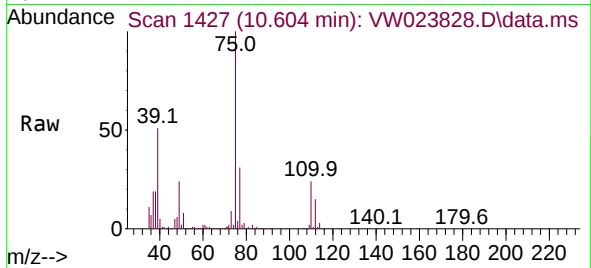




#44
trans-1,3-Dichloropropene
Concen: 21.513 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

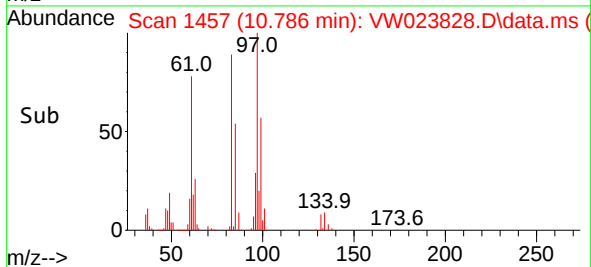
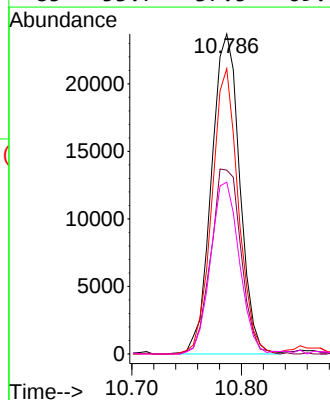
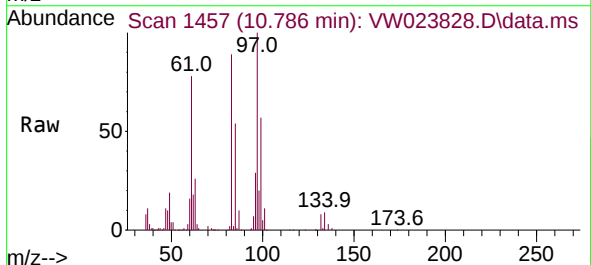
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

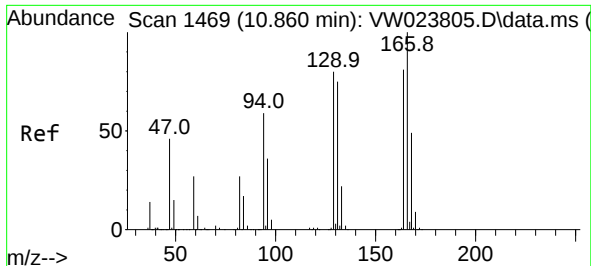
Tgt Ion: 75 Resp: 63979
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 23.337 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion: 97 Resp: 42361
Ion Ratio Lower Upper
97 100
99 57.5 44.2 82.2
83 89.2 59.8 111.0
85 53.7 37.5 69.6

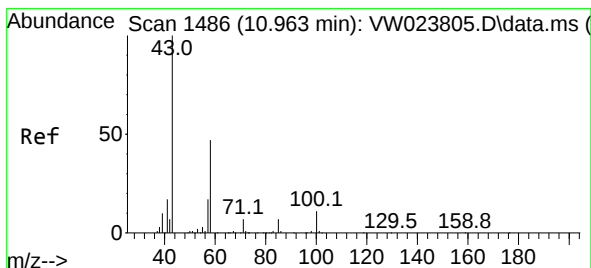
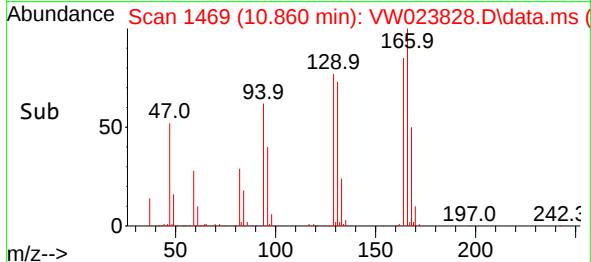
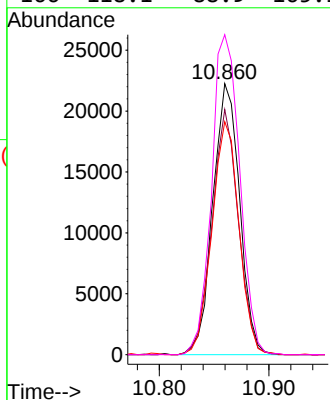
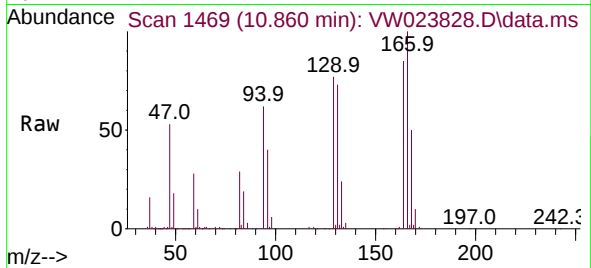




#46
Tetrachloroethene
Concen: 22.423 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

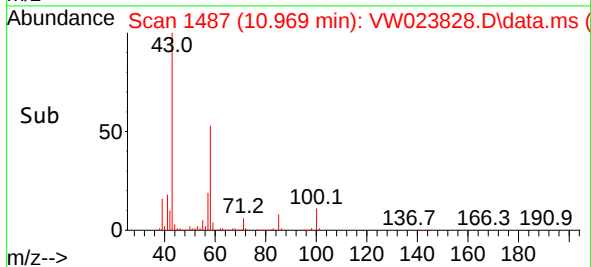
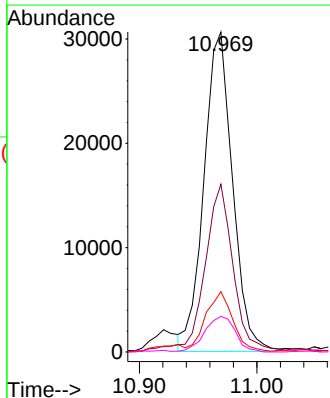
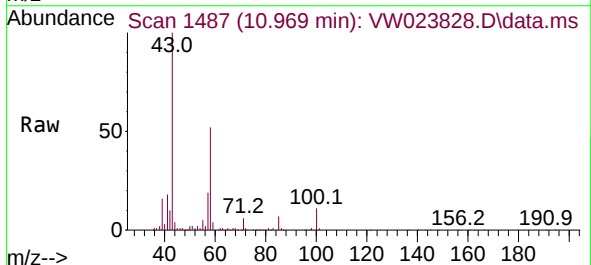
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

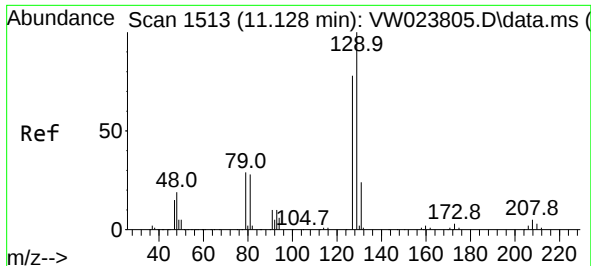
Tgt Ion:	164	Resp:	37912
Ion	Ratio	Lower	Upper
164	100		
129	90.5	72.4	134.5
131	85.9	67.8	125.8
166	118.1	88.9	165.1



#48
2-Hexanone
Concen: 49.380 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:	43	Resp:	51936
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.6	62.4
57	18.1	14.6	21.8
100	11.9	10.6	15.8

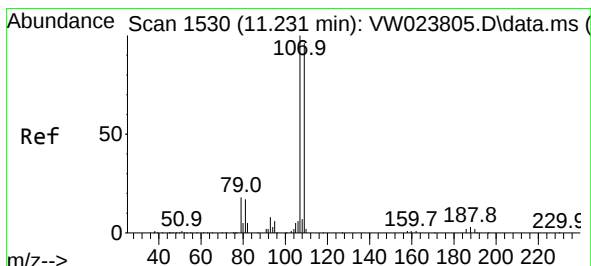
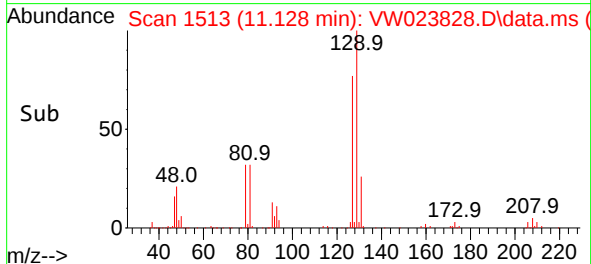
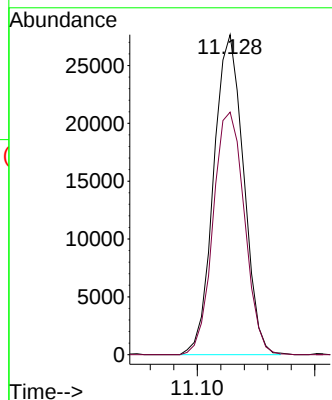
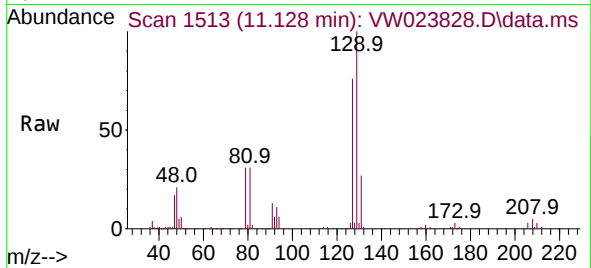




#49
Dibromochloromethane
Concen: 23.256 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

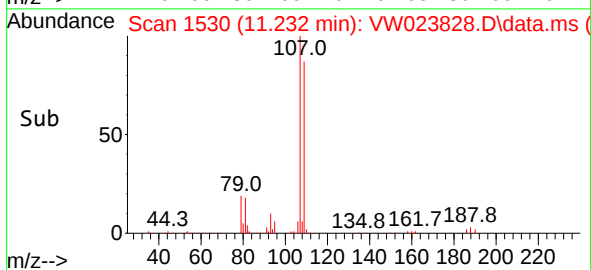
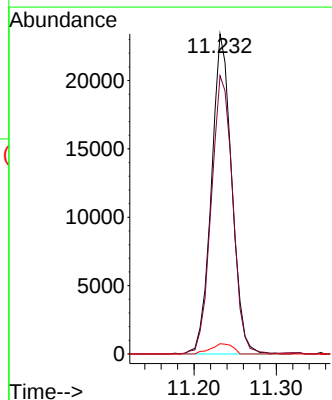
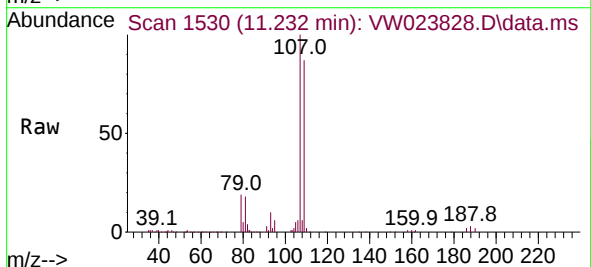
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

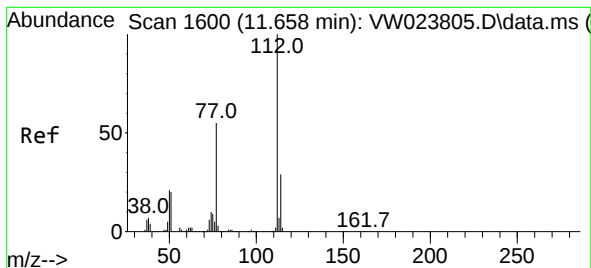
Tgt Ion:129 Resp: 48955
Ion Ratio Lower Upper
129 100
127 75.8 53.7 99.7



#50
1,2-Dibromoethane
Concen: 23.044 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:107 Resp: 40187
Ion Ratio Lower Upper
107 100
109 86.9 62.4 116.0
188 3.2 2.3 3.5





#51

Chlorobenzene

Concen: 23.590 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

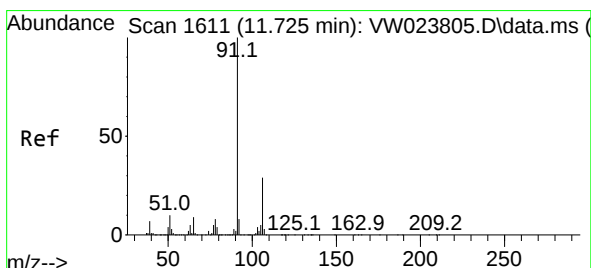
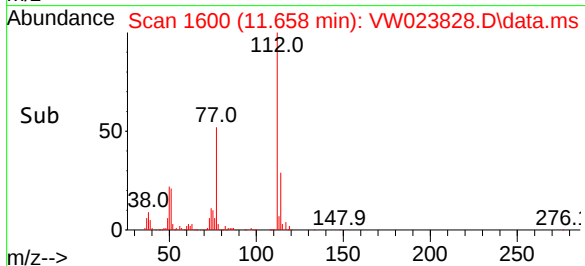
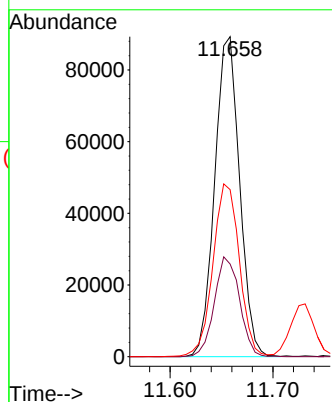
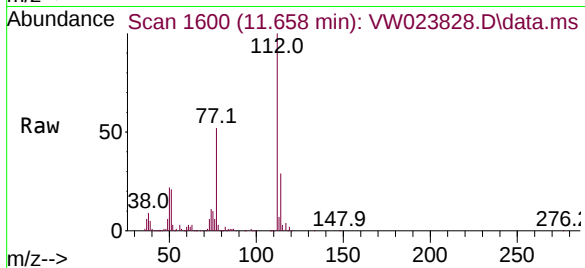
Tgt Ion:112 Resp: 150245

Ion Ratio Lower Upper

112 100

114 29.0 21.1 39.3

77 52.2 46.6 69.8



#52

Ethylbenzene

Concen: 23.994 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW023828.D

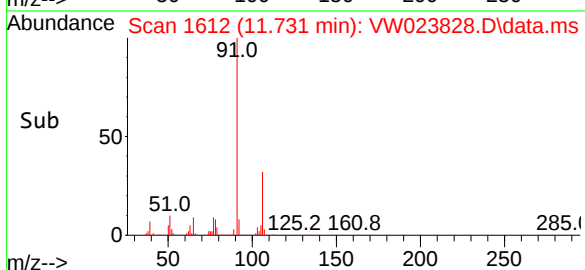
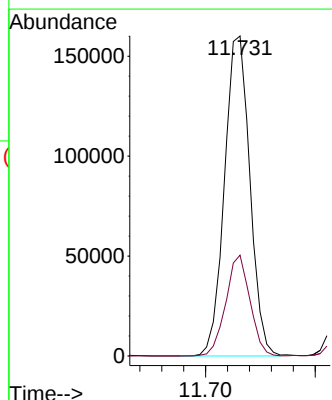
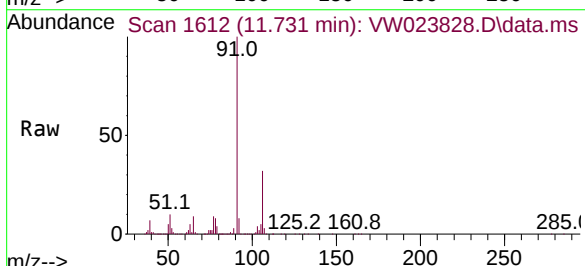
Acq: 17 Jul 2022 08:40

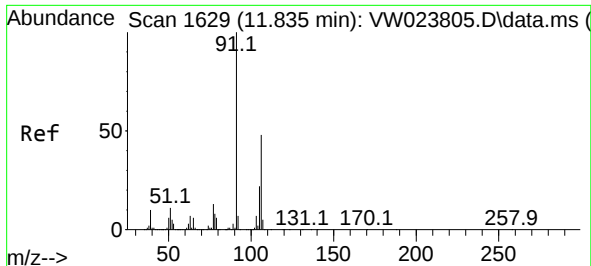
Tgt Ion: 91 Resp: 257489

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.9

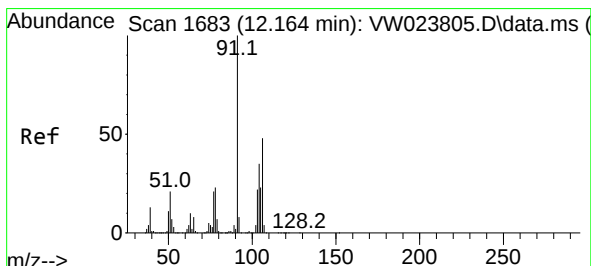
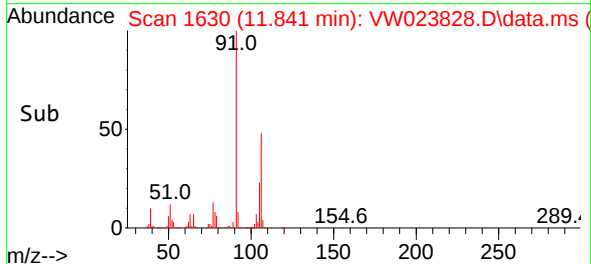
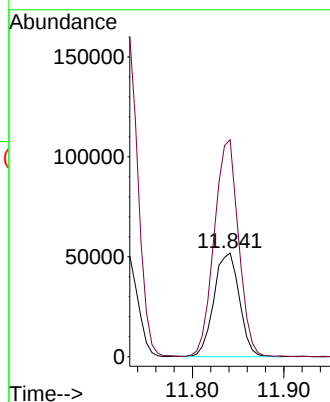
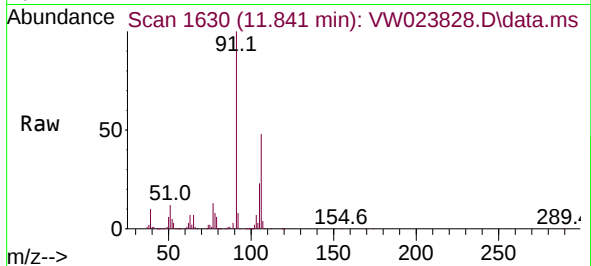




#53
m,p-Xylene
Concen: 23.925 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

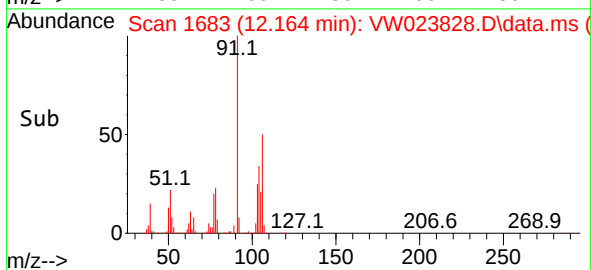
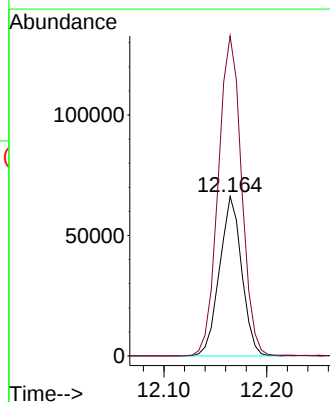
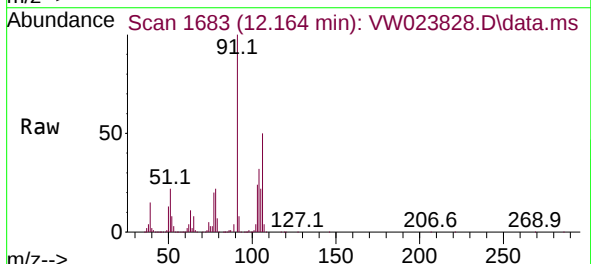
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

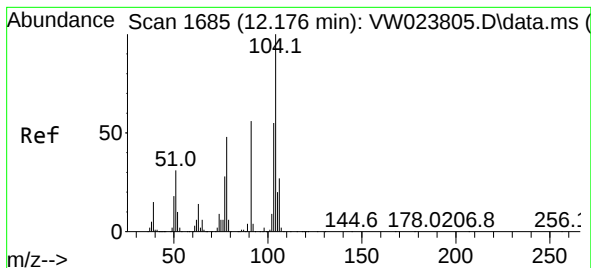
Tgt Ion:106 Resp: 100172
Ion Ratio Lower Upper
106 100
91 209.1 142.8 265.2



#54
o-Xylene
Concen: 24.618 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:106 Resp: 98988
Ion Ratio Lower Upper
106 100
91 200.6 149.6 277.8





#55

Styrene

Concen: 25.476 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

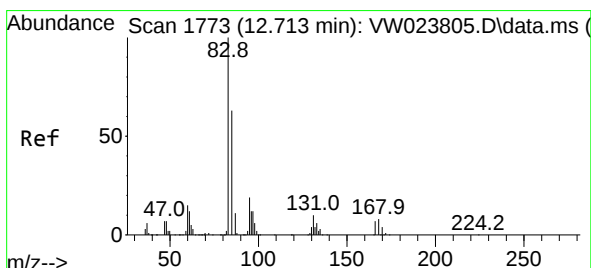
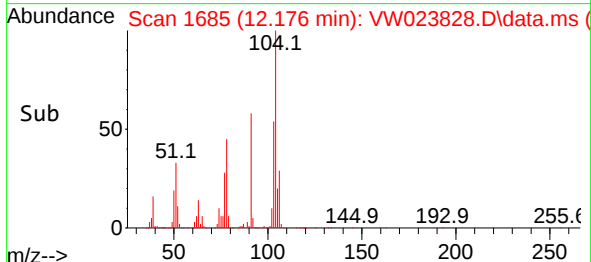
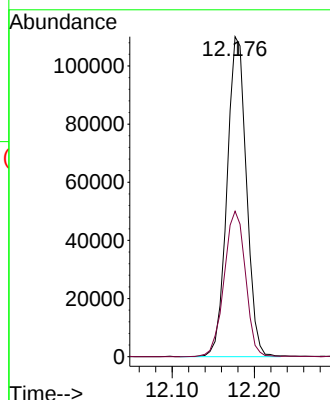
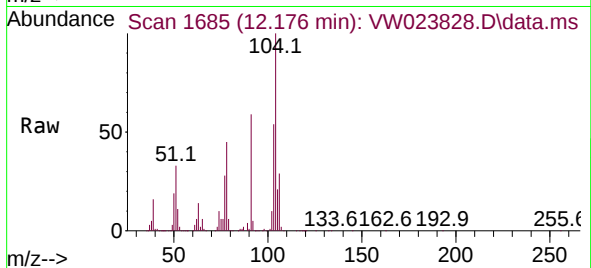
VSTD025491

Tgt Ion:104 Resp: 180969

Ion Ratio Lower Upper

104 100

78 45.4 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 24.184 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

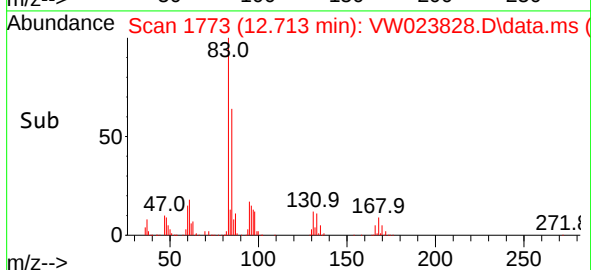
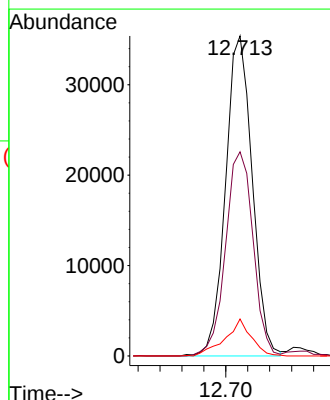
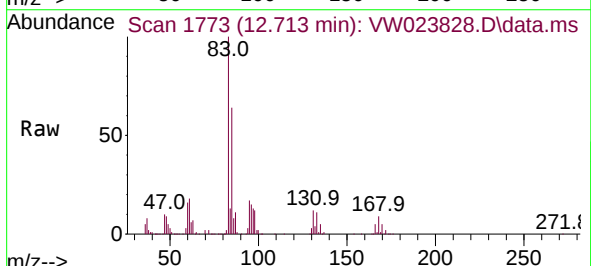
Tgt Ion: 83 Resp: 59879

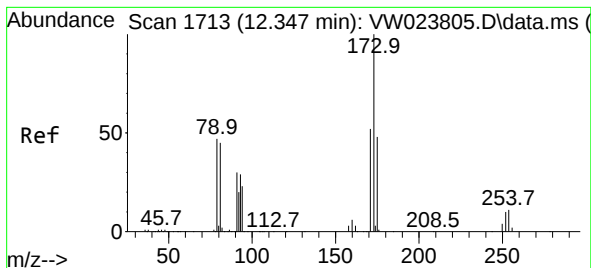
Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.3

131 11.6 7.4 11.0#





#59

Bromoform

Concen: 25.431 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

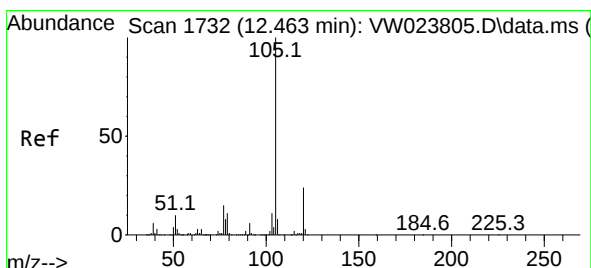
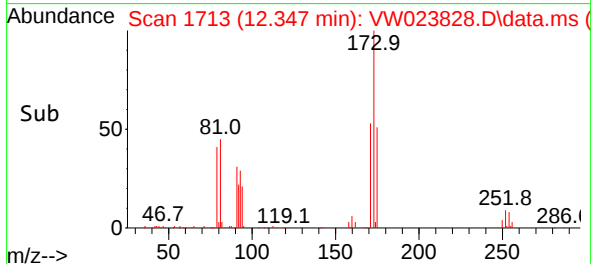
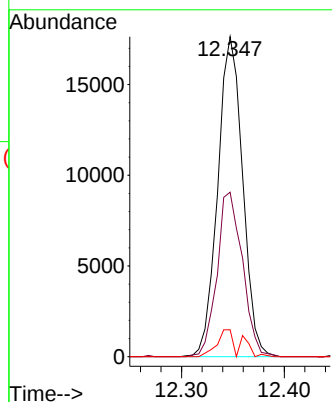
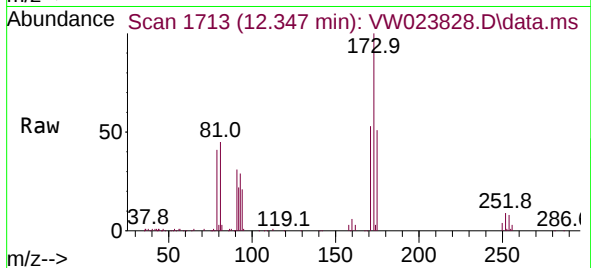
Tgt Ion:173 Resp: 29674

Ion Ratio Lower Upper

173 100

175 52.4 38.9 58.3

254 5.2 5.9 8.9#



#60

Isopropylbenzene

Concen: 24.639 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

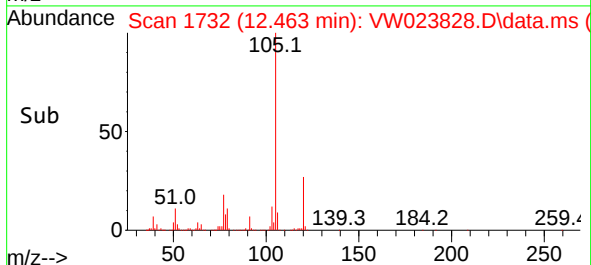
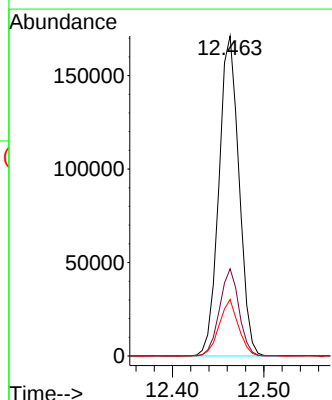
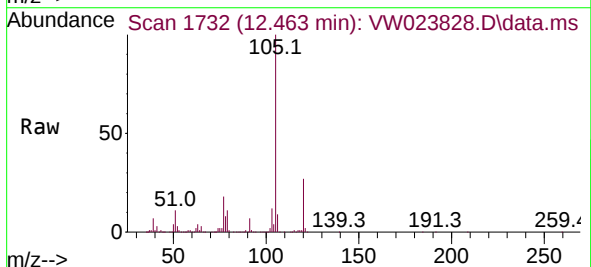
Tgt Ion:105 Resp: 261903

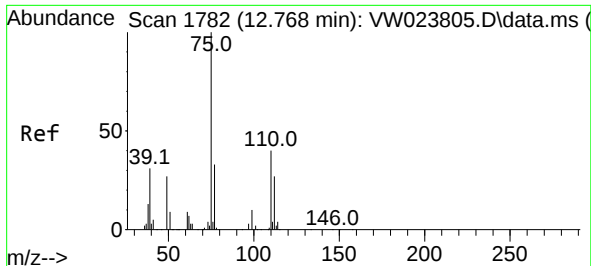
Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 16.9 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 23.446 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

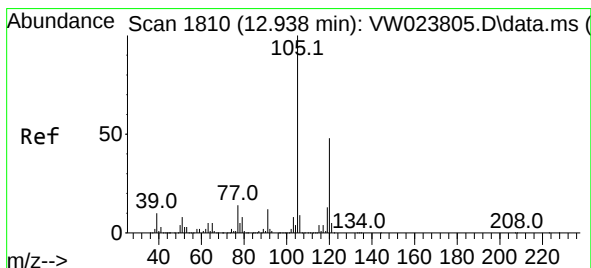
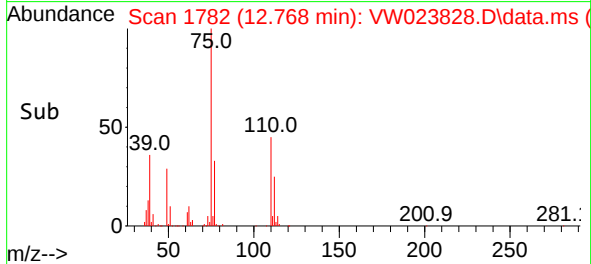
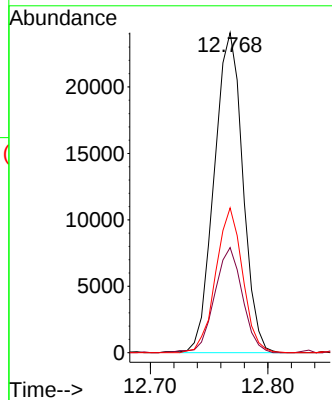
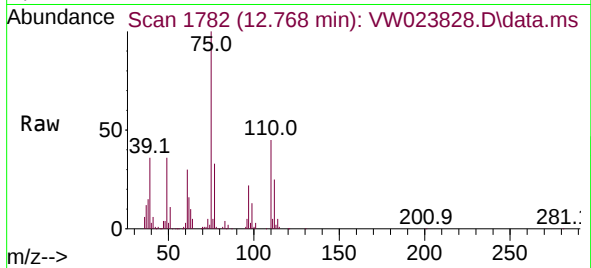
Tgt Ion: 75 Resp: 40682

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

110 42.6 31.9 47.9



#62

1,3,5-Trimethylbenzene

Concen: 24.741 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023828.D

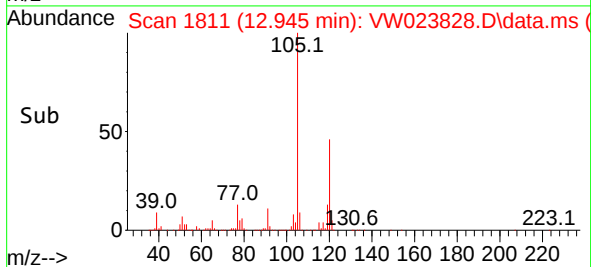
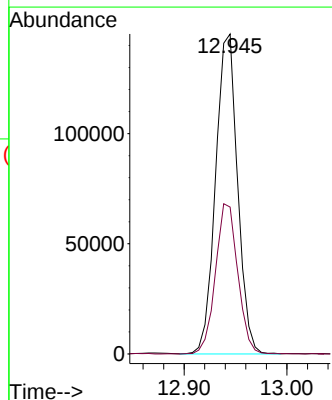
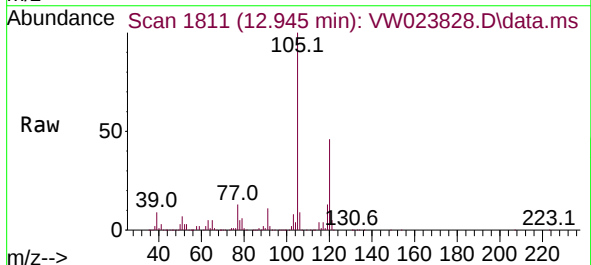
Acq: 17 Jul 2022 08:40

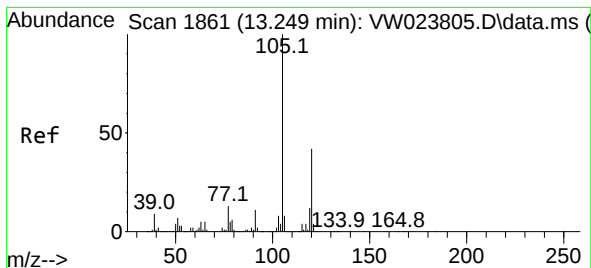
Tgt Ion: 105 Resp: 215315

Ion Ratio Lower Upper

105 100

120 47.7 38.7 58.1

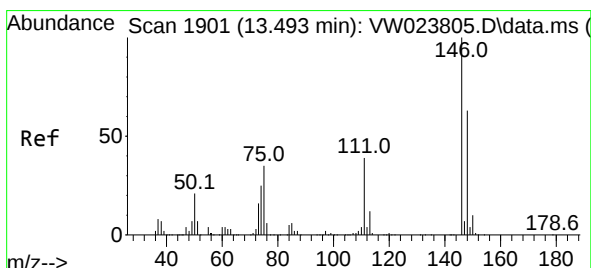
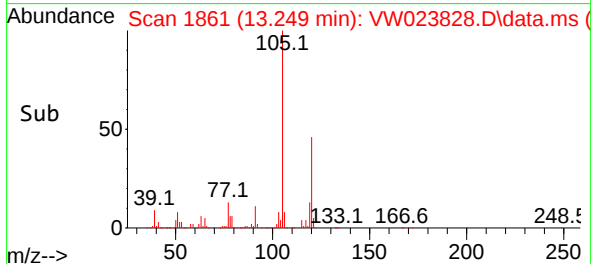
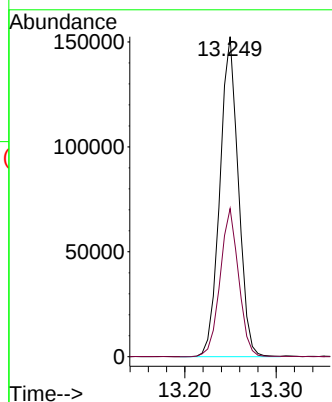
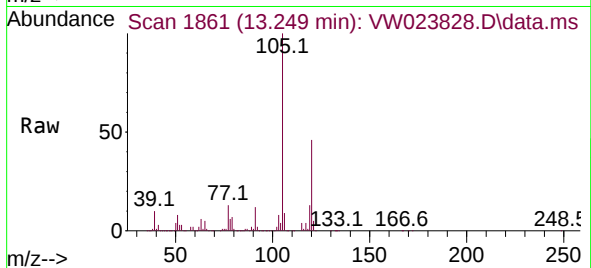




#63
1,2,4-Trimethylbenzene
Concen: 24.648 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

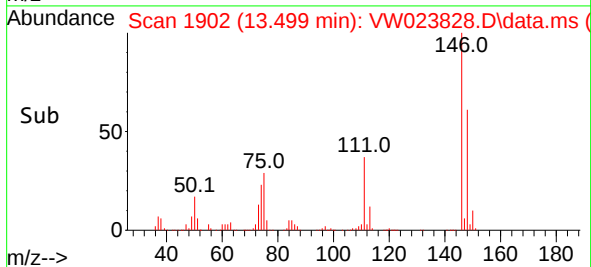
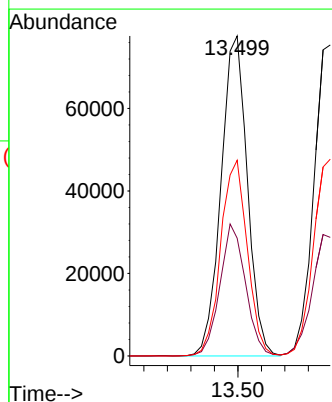
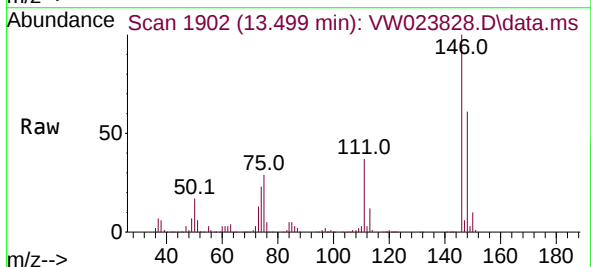
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

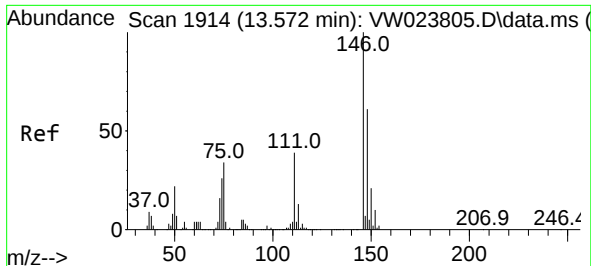
Tgt Ion:105 Resp: 214457
Ion Ratio Lower Upper
105 100
120 46.3 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 25.047 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:146 Resp: 120886
Ion Ratio Lower Upper
146 100
111 36.8 28.6 53.2
148 61.1 41.2 76.4

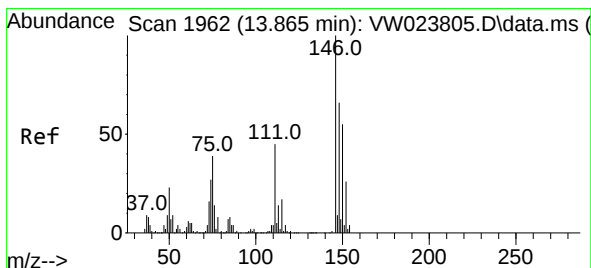
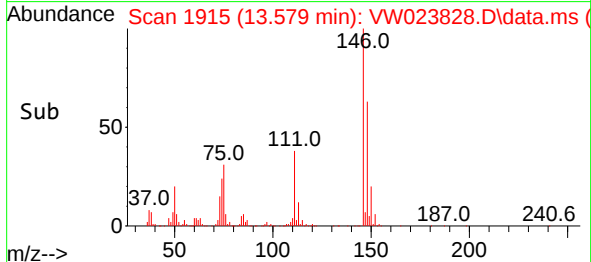
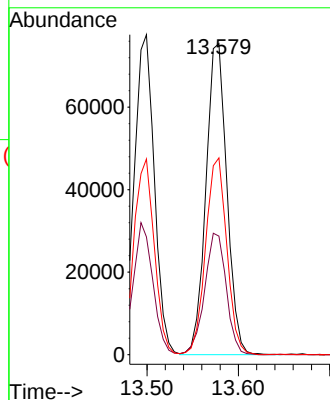
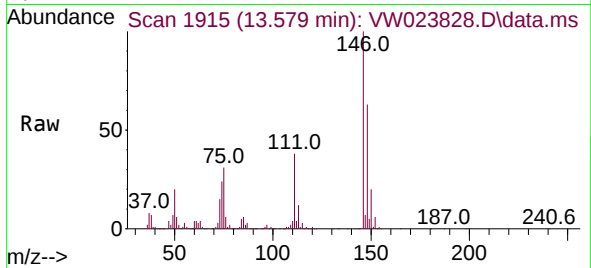




#65
1,4-Dichlorobenzene
Concen: 23.326 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

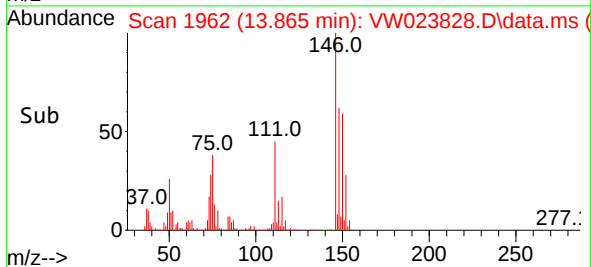
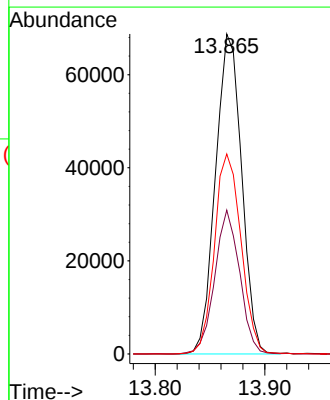
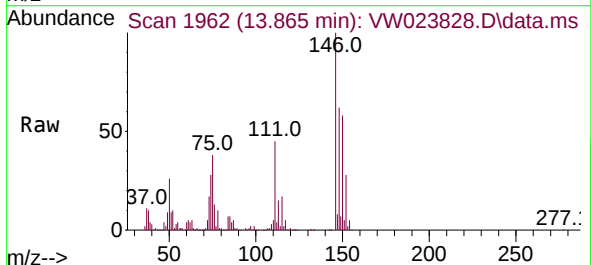
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

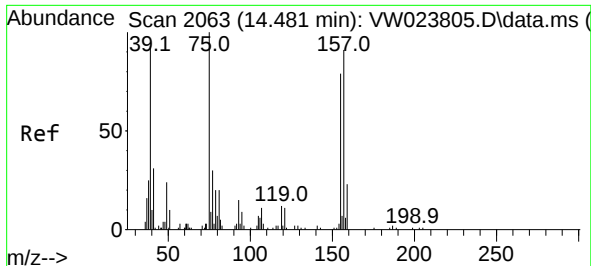
Tgt Ion:146 Resp: 119770
Ion Ratio Lower Upper
146 100
111 38.1 29.4 54.6
148 63.2 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 25.055 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:146 Resp: 114044
Ion Ratio Lower Upper
146 100
111 44.9 35.9 53.9
148 62.5 51.3 76.9





#68

1,2-Dibromo-3-chloropropane

Concen: 21.172 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

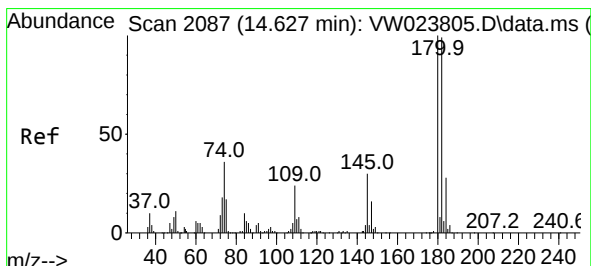
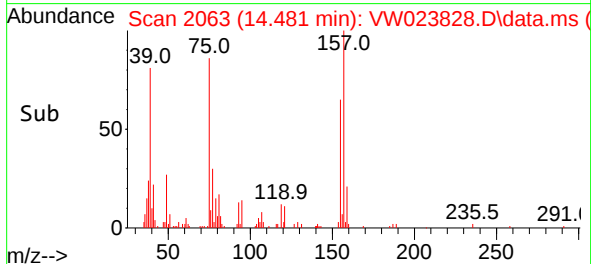
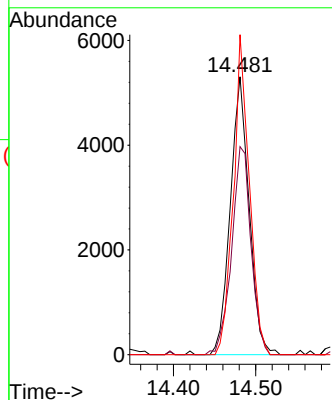
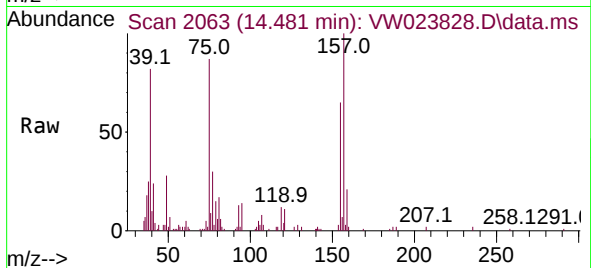
Tgt Ion: 75 Resp: 8473

Ion Ratio Lower Upper

75 100

155 74.9 51.7 77.5

157 115.1 63.5 95.3#



#69

1,3,5-Trichlorobenzene

Concen: 22.415 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023828.D

Acq: 17 Jul 2022 08:40

Tgt Ion:180 Resp: 71605

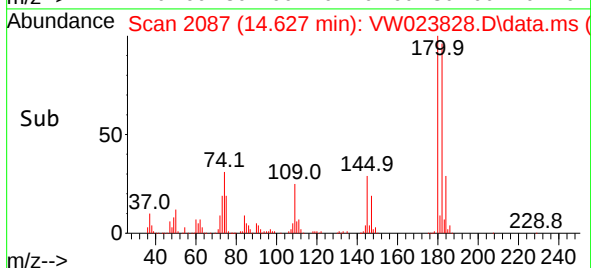
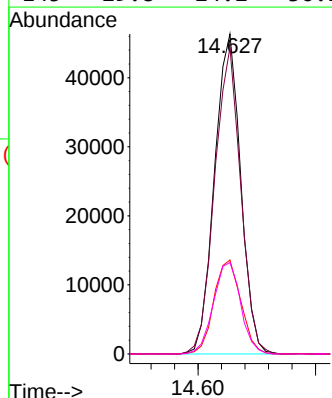
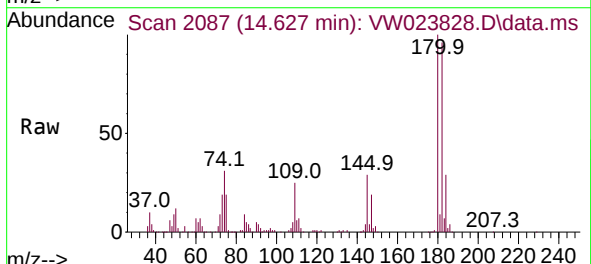
Ion Ratio Lower Upper

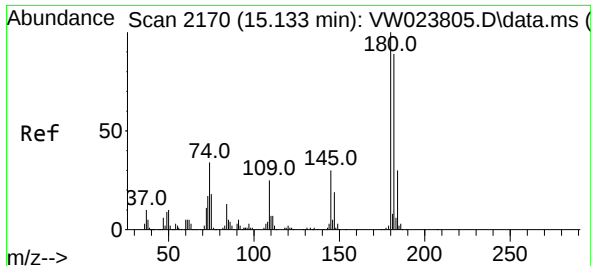
180 100

182 95.3 70.2 105.2

184 30.4 22.6 34.0

145 29.8 24.2 36.2

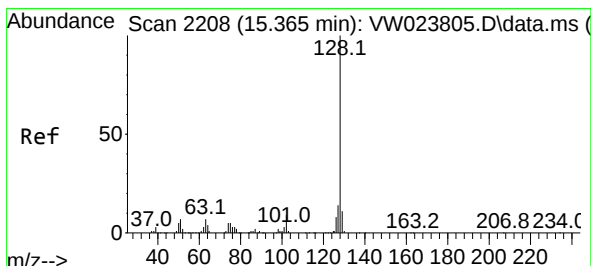
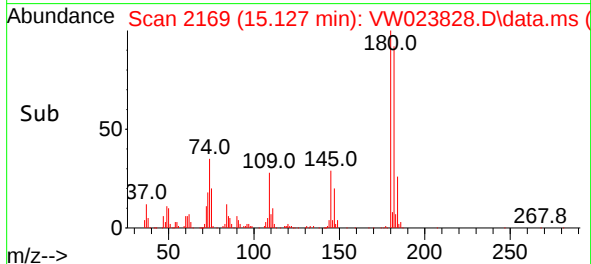
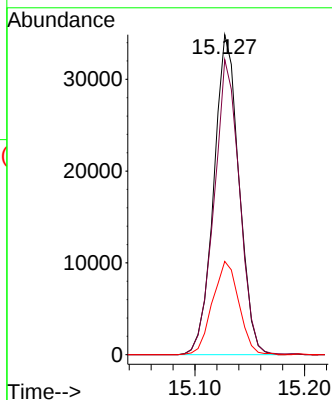
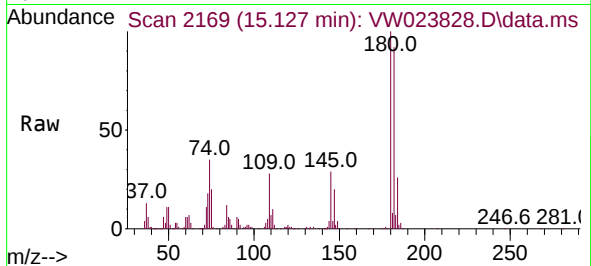




#70
1,2,4-trichlorobenzene
Concen: 22.542 ug/L
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

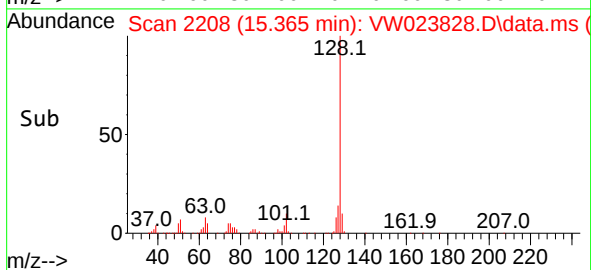
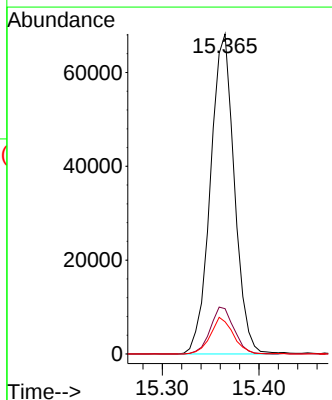
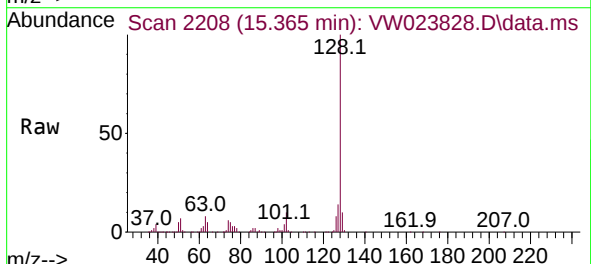
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

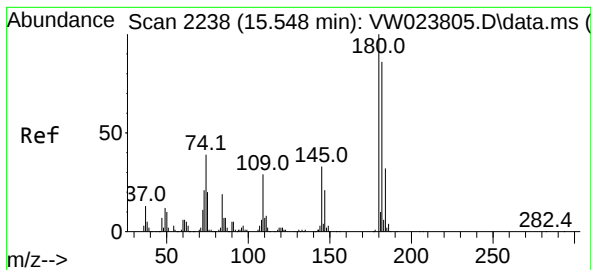
Tgt Ion:180 Resp: 55604
Ion Ratio Lower Upper
180 100
182 93.1 77.5 116.3
145 30.6 26.3 39.5



#71
Naphthalene
Concen: 22.142 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW023828.D
Acq: 17 Jul 2022 08:40

Tgt Ion:128 Resp: 117163
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 10.9 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 21.074 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023828.D
 Acq: 17 Jul 2022 08:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Tgt Ion:	180	Resp:	48452
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.3	114.5
145	34.1	27.8	41.6

