

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023721.D
 Acq On : 14 Jul 2022 23:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jul 15 03:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 03:40:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181464	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	186970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	106724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	145916	31.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.920%
7) Chloroethane-d5	2.873	69	91920	29.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.920%
11) 1,1-Dichloroethene-d2	4.019	63	83002	21.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	7.080	46	32283	44.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
24) Chloroform-d	7.647	84	128936	24.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.305	65	79631	24.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.560%
32) Benzene-d6	8.275	84	245163	25.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.880%
36) 1,2-Dichloropropane-d6	9.274	67	73542	25.120	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	242926	24.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.579	79	31697	23.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.920	63	28907	46.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82606	25.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	96570	25.348	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	26837	21.763	ug/L	100
3) Chloromethane	2.209	50	88061	29.160	ug/L	99
5) Vinyl chloride	2.355	62	143213	27.617	ug/L	98
6) Bromomethane	2.769	94	82778	24.679	ug/L	92
8) Chloroethane	2.910	64	64548	26.606	ug/L	98
9) Trichlorofluoromethane	3.245	101	49278	20.905	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	46231	20.041	ug/L #	75
12) 1,1-Dichloroethene	4.037	96	40489	21.049	ug/L	96
13) Acetone	4.129	43	19908	39.168	ug/L	94
14) Carbon disulfide	4.385	76	109209	19.300	ug/L	95
16) Methylene chloride	4.921	84	55488	19.555	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	48501	20.781	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	81963	22.700	ug/L	98
19) 1,1-Dichloroethane	6.214	63	96759	22.475	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	59053	22.839	ug/L #	87
22) 2-Butanone	7.171	43	37590	45.003	ug/L	99
23) Bromochloromethane	7.512	128	29885	24.060	ug/L	94
25) Chloroform	7.677	83	113641	22.913	ug/L	94
27) 1,2-Dichloroethane	8.396	62	86032	23.569	ug/L	98

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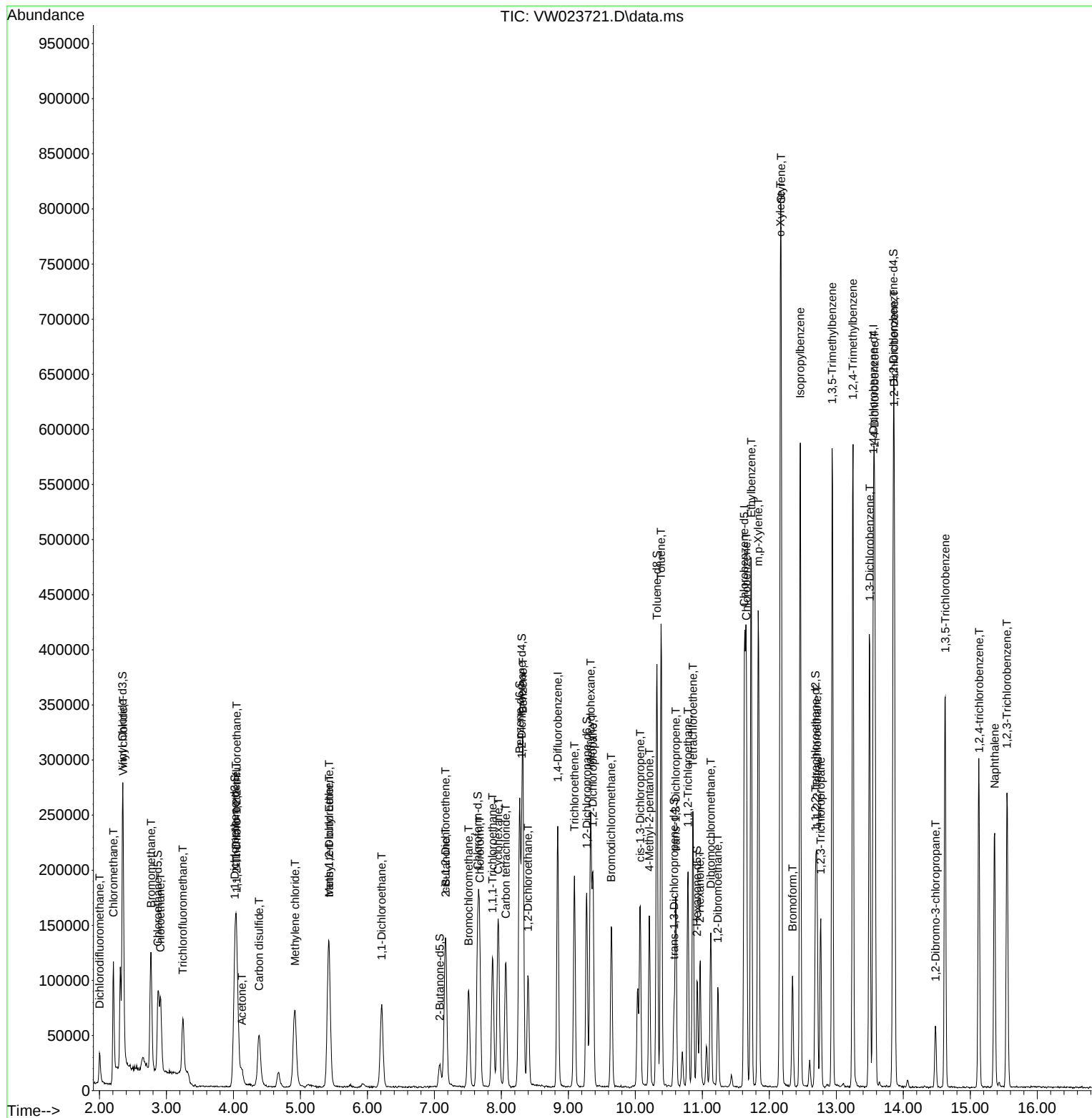
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	71598	20.938	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	86155	21.282	ug/L	98
31) Carbon tetrachloride	8.067	117	78781	21.588	ug/L	100
33) Benzene	8.323	78	243643	22.931	ug/L	100
34) Trichloroethene	9.091	95	60282	21.485	ug/L	97
35) Methylcyclohexane	9.335	83	90374	21.153	ug/L	99
37) 1,2-Dichloropropane	9.366	63	62121	23.321	ug/L	100
38) Bromodichloromethane	9.640	83	90072	24.228	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	86953	21.658	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	92519	49.913	ug/L	100
42) Toluene	10.384	91	286789	23.668	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	86248	22.602	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54682	23.477	ug/L	96
46) Tetrachloroethene	10.859	164	46385	21.381	ug/L	91
48) 2-Hexanone	10.963	43	68086	50.450	ug/L	99
49) Dibromochloromethane	11.128	129	65197	24.137	ug/L	99
50) 1,2-Dibromoethane	11.231	107	52845	23.616	ug/L	91
51) Chlorobenzene	11.658	112	192682	23.578	ug/L	96
52) Ethylbenzene	11.731	91	321806	23.371	ug/L	100
53) m,p-Xylene	11.835	106	125216	23.307	ug/L	97
54) o-Xylene	12.164	106	126833	24.583	ug/L	94
55) Styrene	12.176	104	239559	26.283	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	79871	25.141	ug/L	99
59) Bromoform	12.347	173	38759	24.629	ug/L	99
60) Isopropylbenzene	12.463	105	340776	23.770	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56748	24.250	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	284298	24.222	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	282254	24.053	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	149272	22.933	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	155451	22.448	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	156184	25.442	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12697	23.524	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	92421	21.451	ug/L	91
70) 1,2,4-trichlorobenzene	15.133	180	77387	23.261	ug/L	98
71) Naphthalene	15.365	128	185288	25.964	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	80095	25.830	ug/L	95

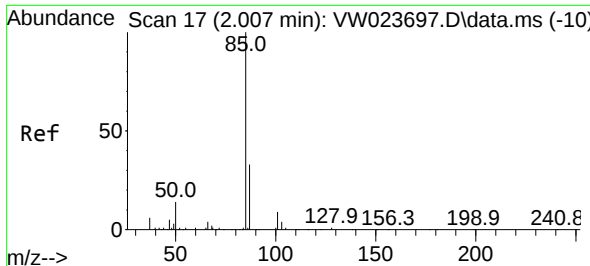
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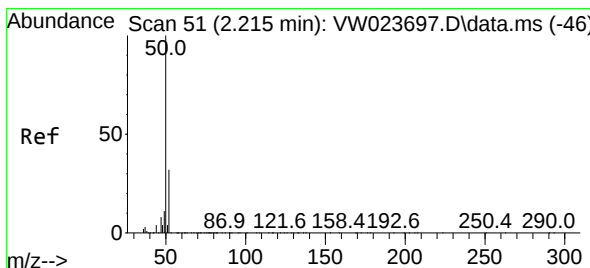
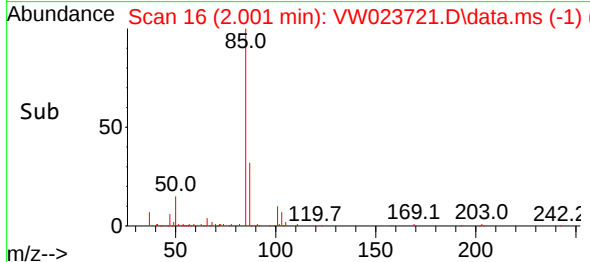
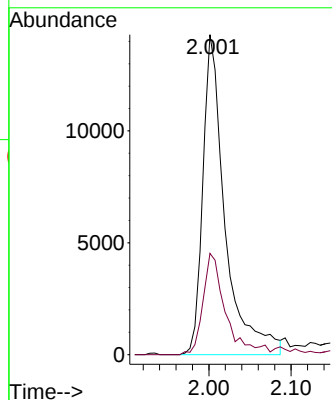
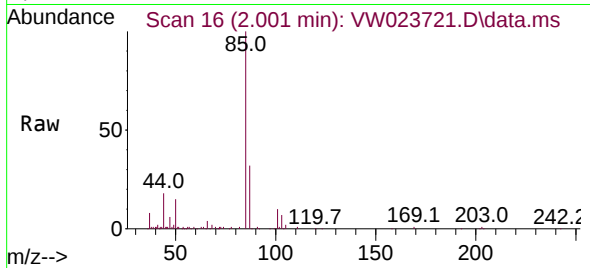




#2
Dichlorodifluoromethane
Concen: 21.763 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

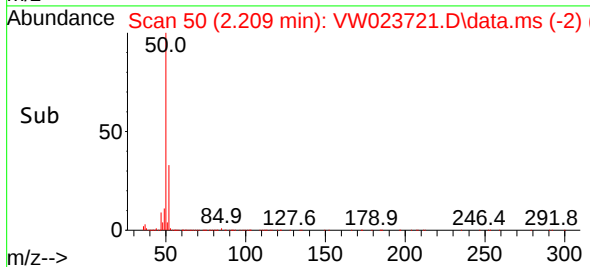
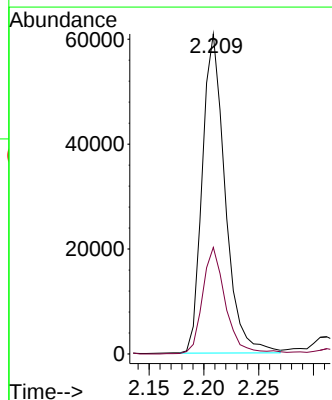
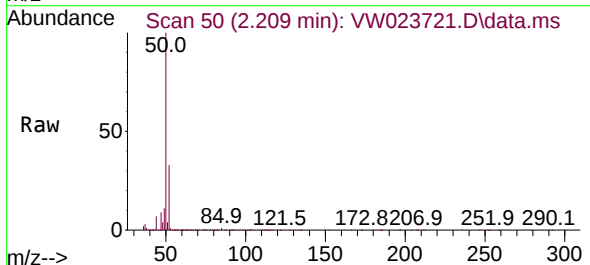
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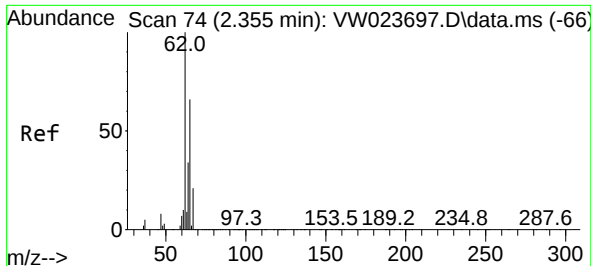
Tgt Ion: 85 Resp: 26837
Ion Ratio Lower Upper
85 100
87 30.9 24.7 37.1



#3
Chloromethane
Concen: 29.160 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 50 Resp: 88061
Ion Ratio Lower Upper
50 100
52 33.3 23.7 44.1

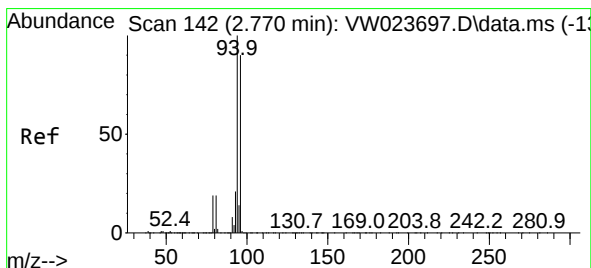
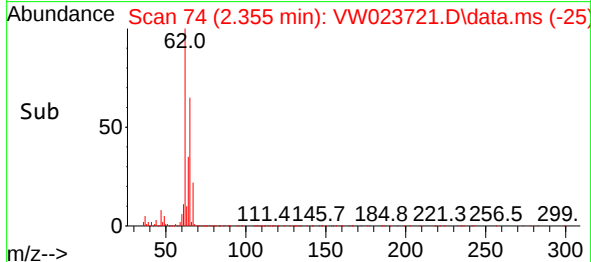
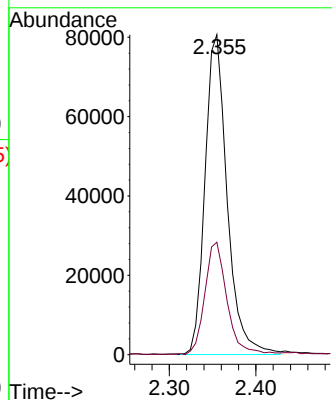
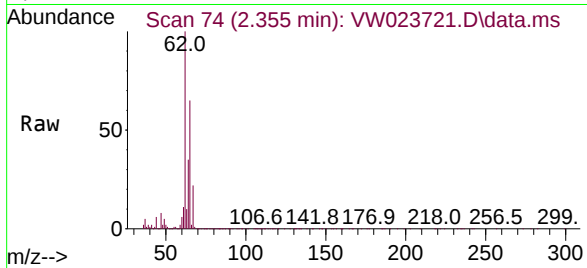




#5
 Vinyl chloride
 Concen: 27.617 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

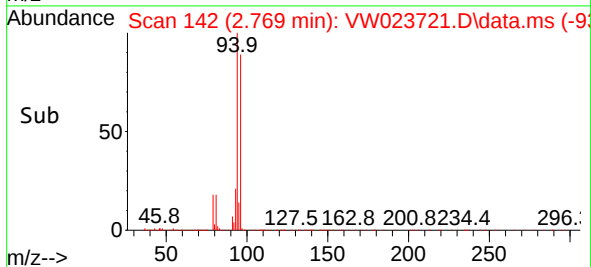
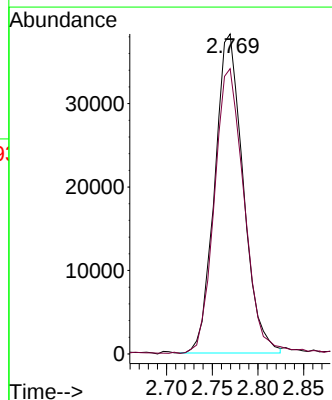
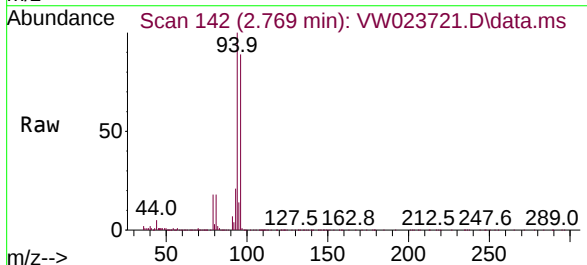
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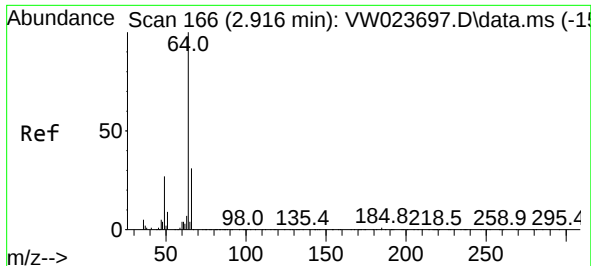
Tgt Ion: 62 Resp: 143213
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.0 44.6



#6
 Bromomethane
 Concen: 24.679 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

Tgt Ion: 94 Resp: 82778
 Ion Ratio Lower Upper
 94 100
 96 89.2 68.2 126.6

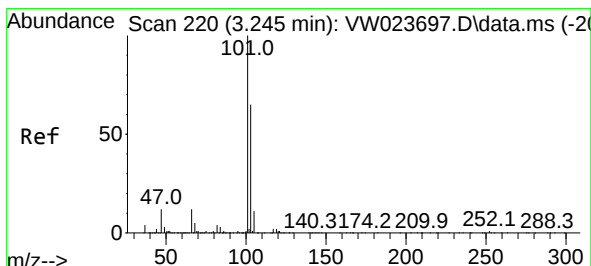
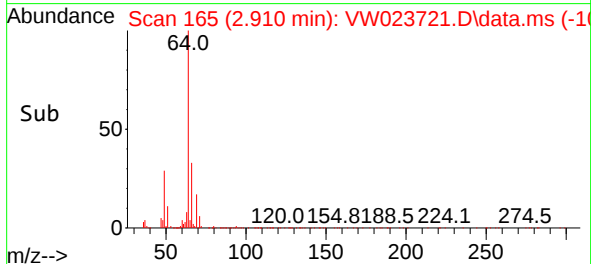
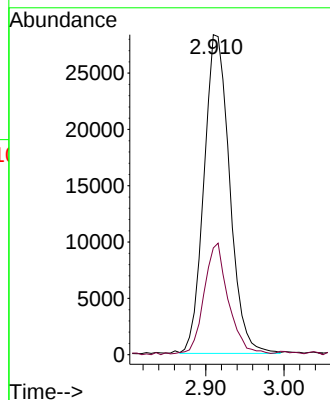
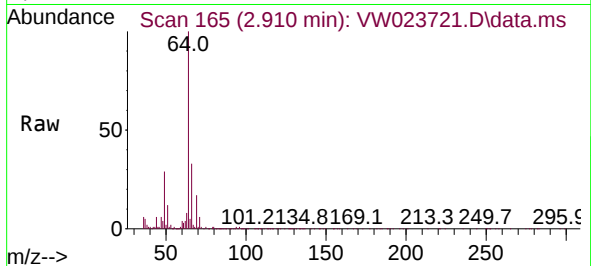




#8
Chloroethane
Concen: 26.606 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

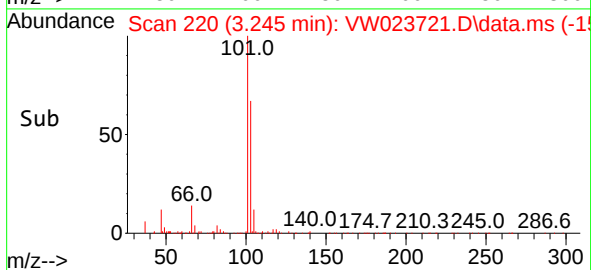
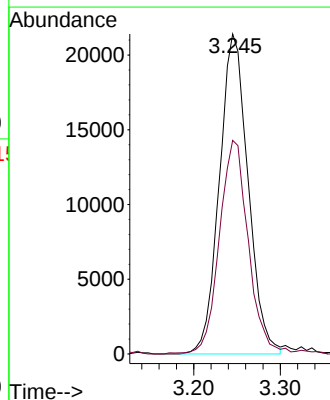
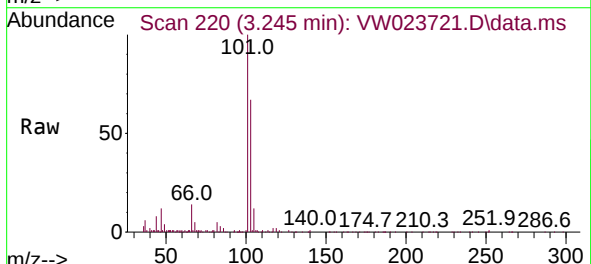
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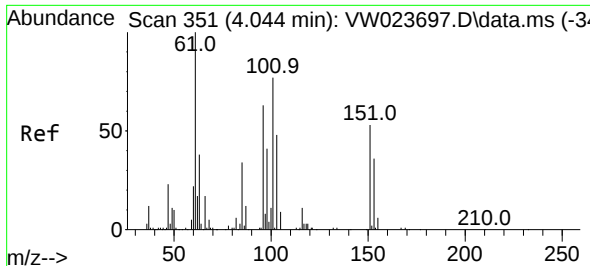
Tgt Ion: 64 Resp: 64548
Ion Ratio Lower Upper
64 100
66 33.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.905 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 101 Resp: 49278
Ion Ratio Lower Upper
101 100
103 67.1 52.1 78.1

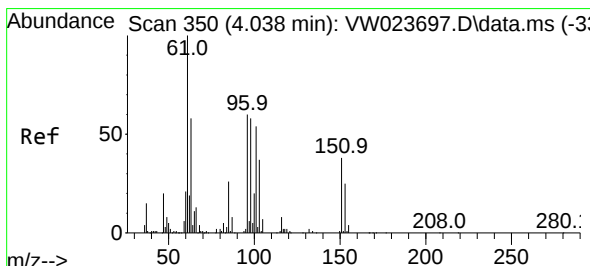
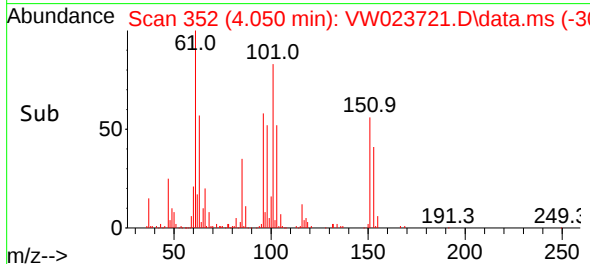
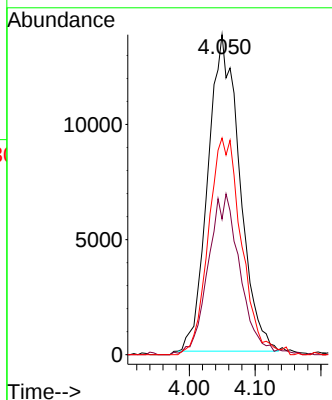
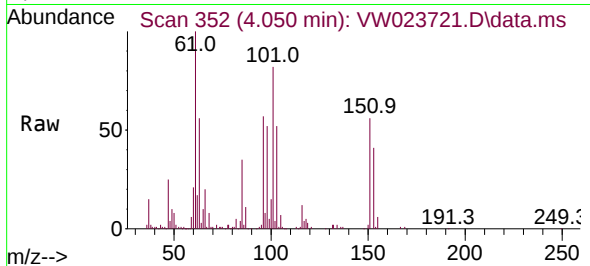




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.041 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023721.D
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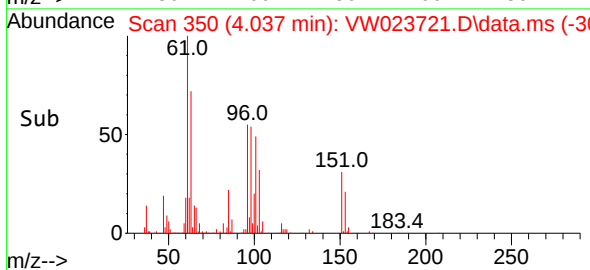
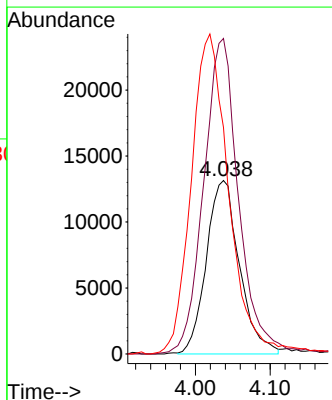
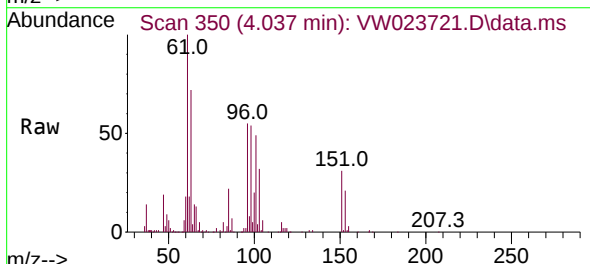
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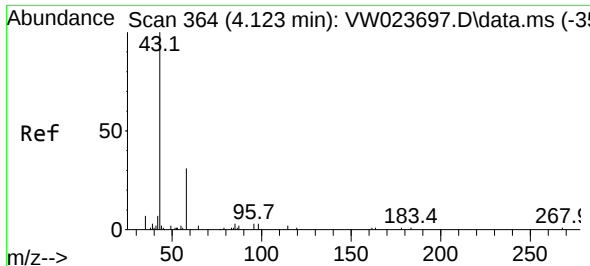
Tgt Ion:101 Resp: 46231
 Ion Ratio Lower Upper
 101 100
 85 50.0 37.6 56.4
 151 40.0 57.6 86.4#



#12
 1,1-Dichloroethene
 Concen: 21.049 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

Tgt Ion: 96 Resp: 40489
 Ion Ratio Lower Upper
 96 100
 61 181.9 125.4 232.8
 63 130.6 97.4 180.8

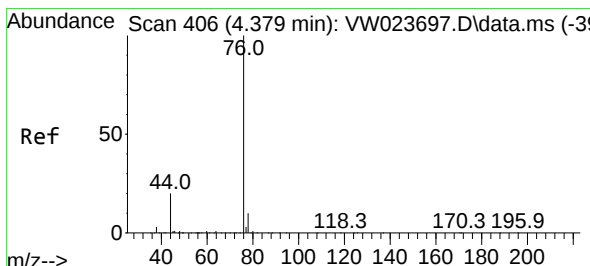
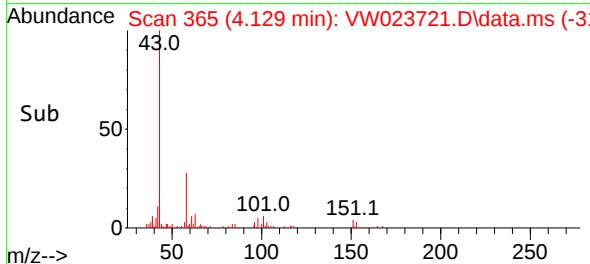
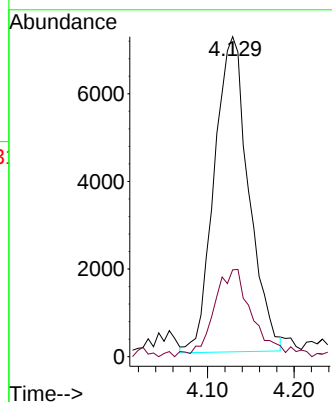
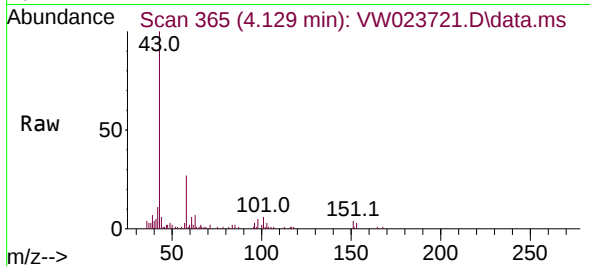




#13
Acetone
Concen: 39.168 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
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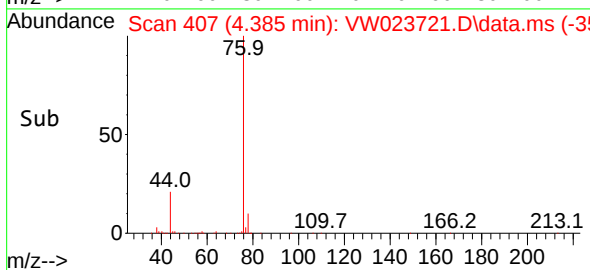
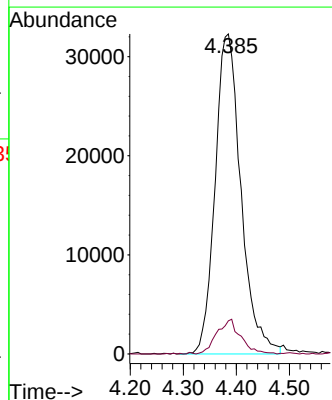
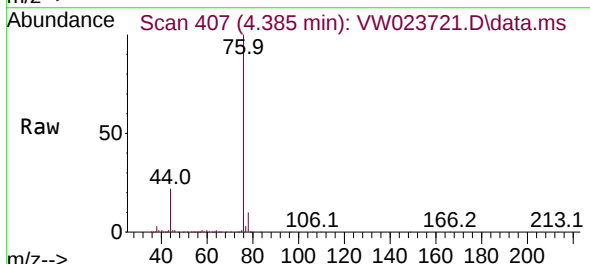
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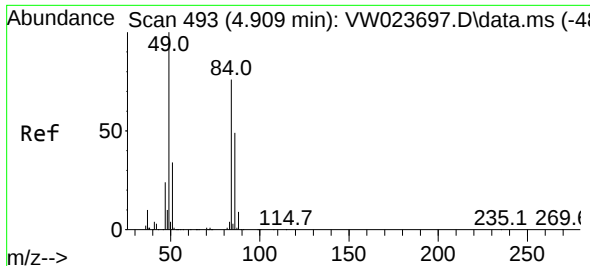
Tgt Ion: 43 Resp: 19908
Ion Ratio Lower Upper
43 100
58 28.8 0.0 64.2



#14
Carbon disulfide
Concen: 19.300 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023721.D
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Tgt Ion: 76 Resp: 109209
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8

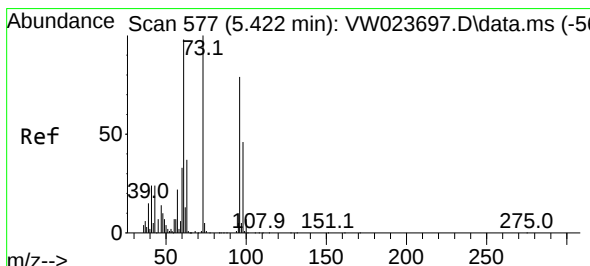
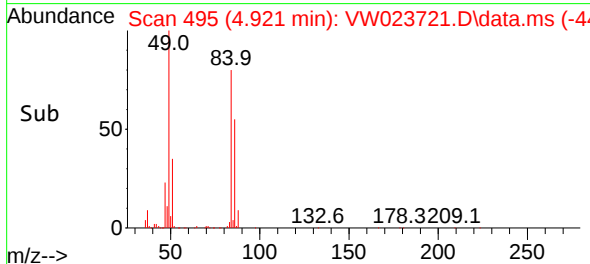
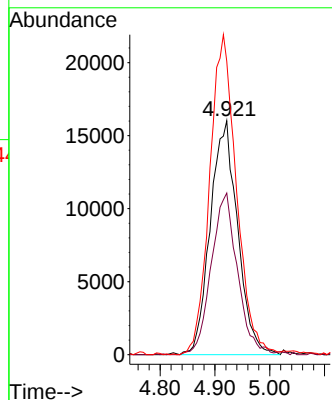
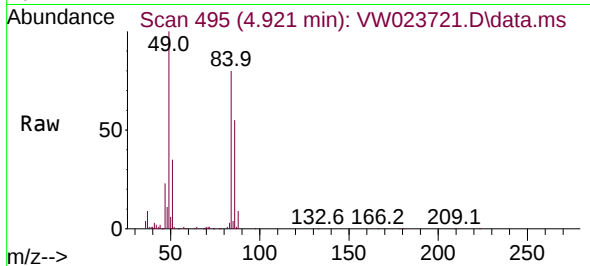




#16
Methylene chloride
Concen: 19.555 ug/L
RT: 4.921 min Scan# 49
Delta R.T. 0.012 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

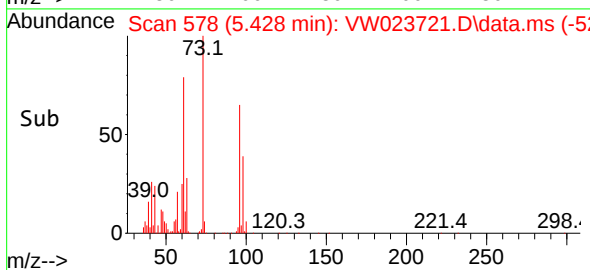
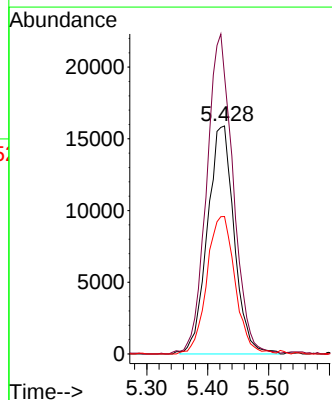
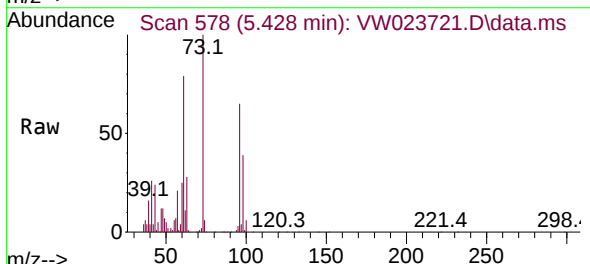
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

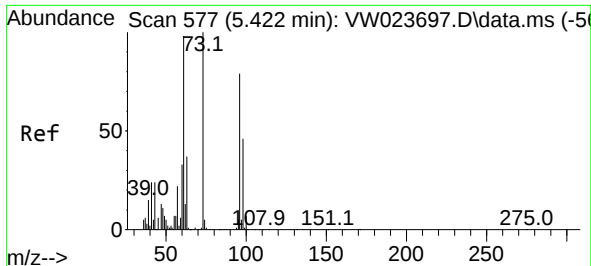
Tgt Ion: 84 Resp: 55488
Ion Ratio Lower Upper
84 100
86 69.0 42.8 79.6
49 125.4 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 20.781 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 96 Resp: 48501
Ion Ratio Lower Upper
96 100
61 122.1 90.8 168.6
98 60.3 42.8 79.6

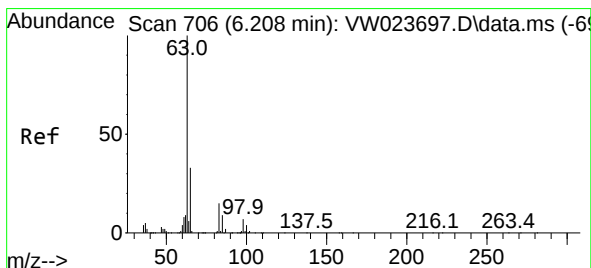
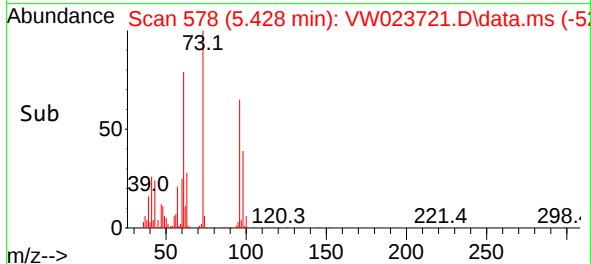
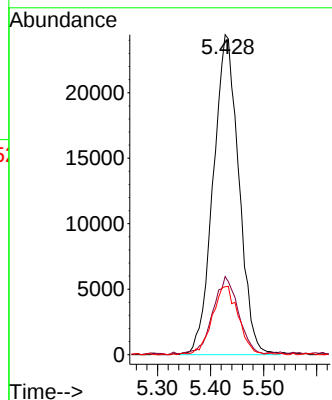
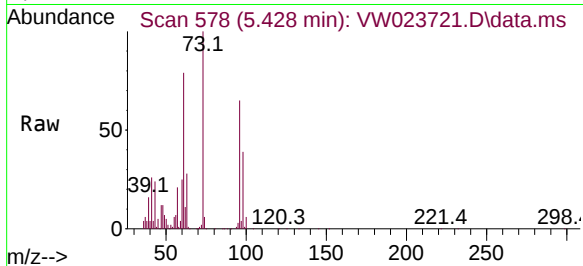




#18
Methyl tert-butyl Ether
Concen: 22.700 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

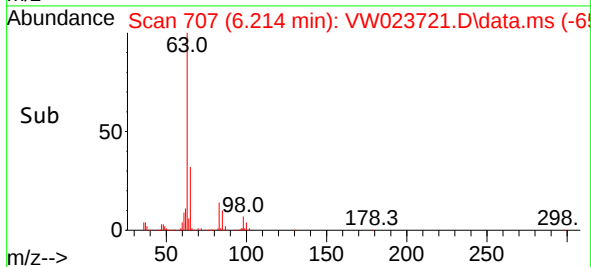
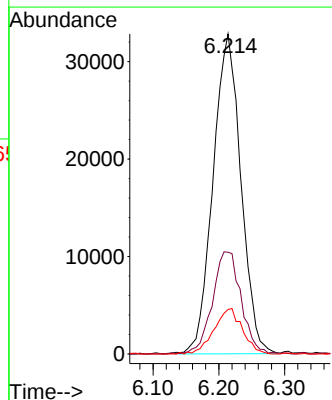
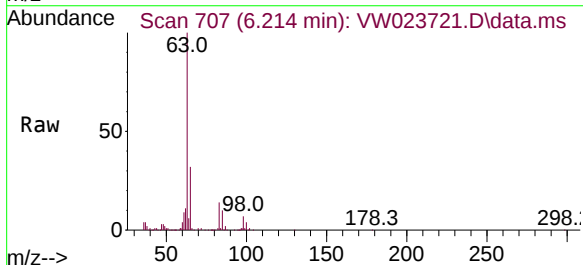
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

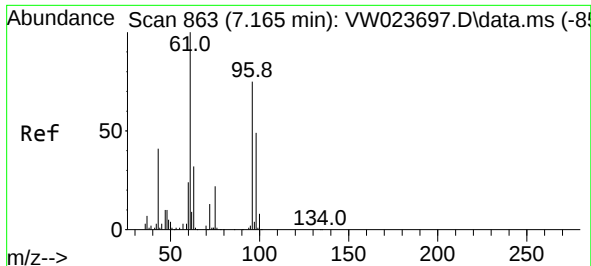
Tgt Ion: 73	Resp: 81963
Ion Ratio	Lower Upper
73 100	
43 23.4	17.6 26.4
57 21.7	16.8 25.2



#19
1,1-Dichloroethane
Concen: 22.475 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 63	Resp: 96759
Ion Ratio	Lower Upper
63 100	
65 31.8	22.7 42.1
83 13.9	9.7 18.1

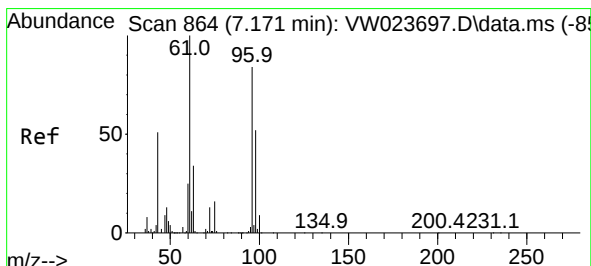
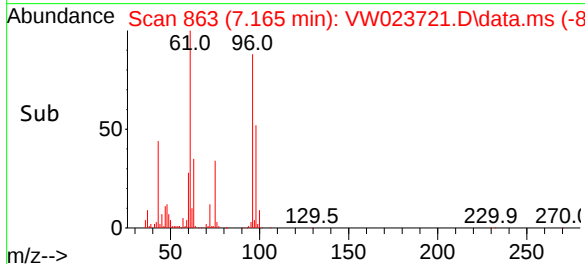
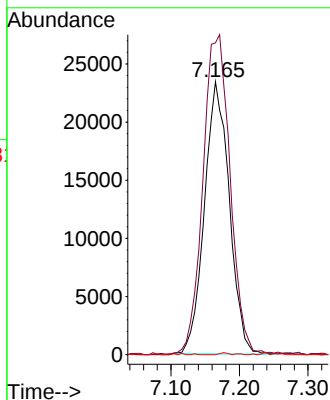
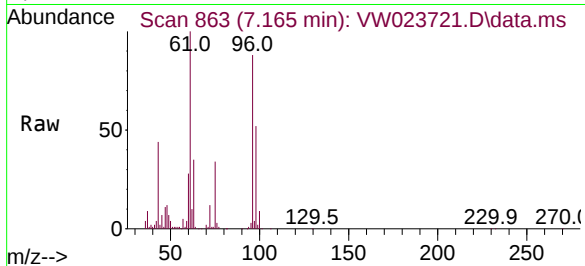




#20
 cis-1,2-Dichloroethene
 Concen: 22.839 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

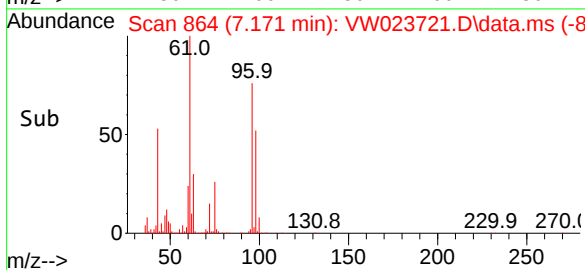
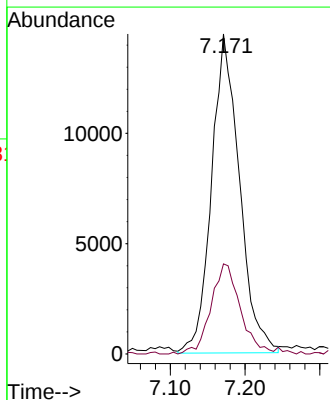
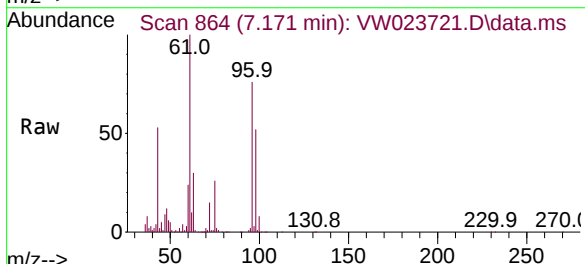
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

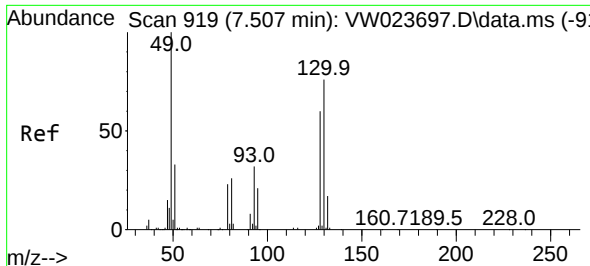
Tgt Ion: 96 Resp: 59053
 Ion Ratio Lower Upper
 96 100
 61 114.2 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 45.003 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

Tgt Ion: 43 Resp: 37590
 Ion Ratio Lower Upper
 43 100
 72 28.7 14.7 44.1

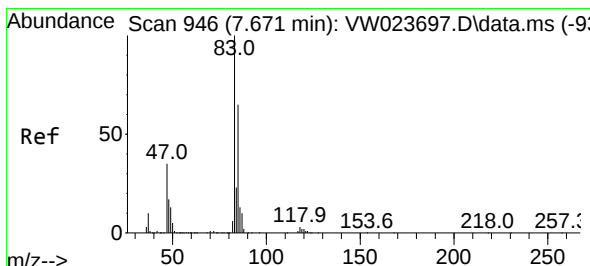
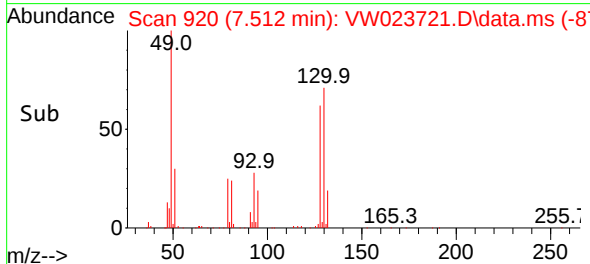
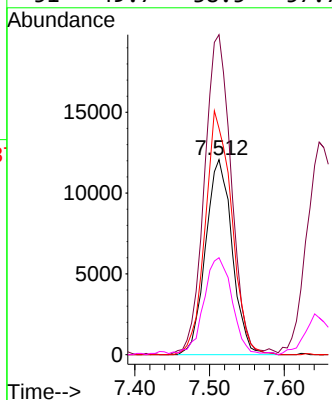
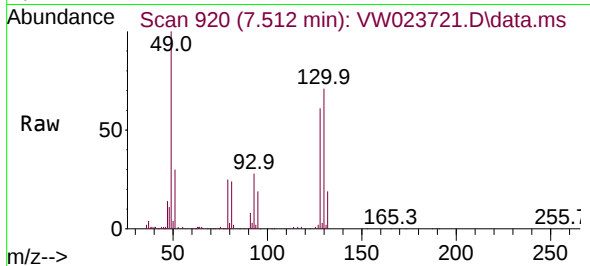




#23
Bromochloromethane
Concen: 24.060 ug/L
RT: 7.512 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

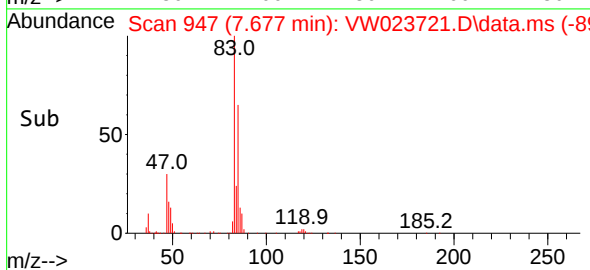
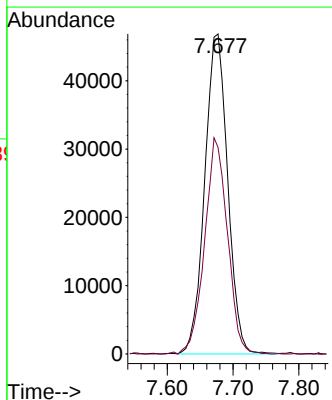
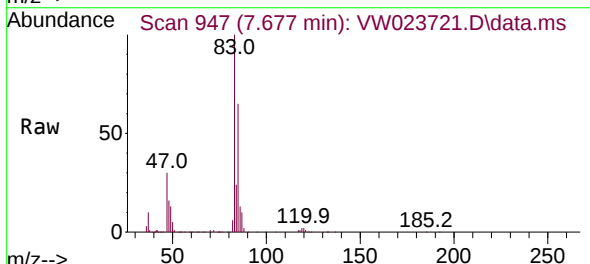
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

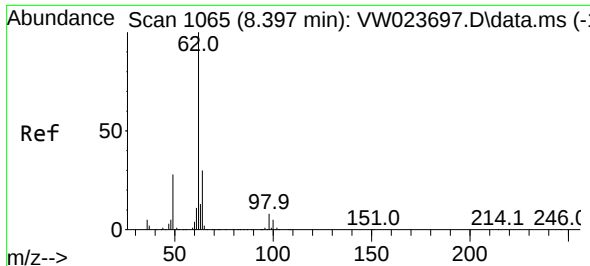
Tgt Ion:	128	Resp:	29885
Ion	Ratio	Lower	Upper
128	100		
49	164.1	106.0	196.8
130	116.1	83.2	154.4
51	49.7	38.5	57.7



#25
Chloroform
Concen: 22.913 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:	83	Resp:	113641
Ion	Ratio	Lower	Upper
83	100		
85	64.5	41.9	77.9





#27

1,2-Dichloroethane

Concen: 23.569 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

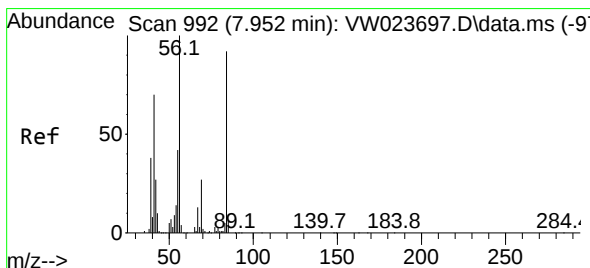
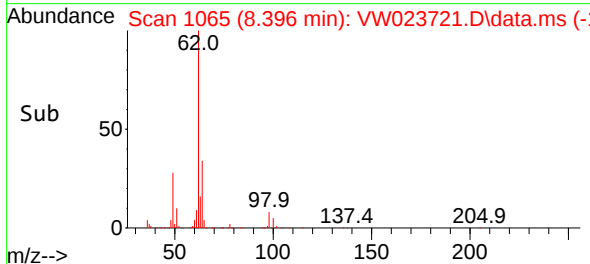
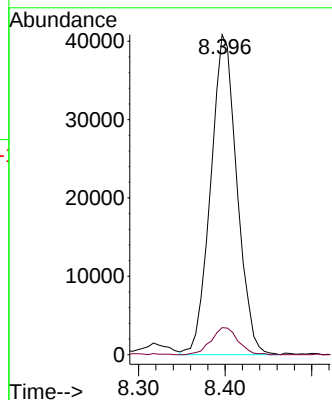
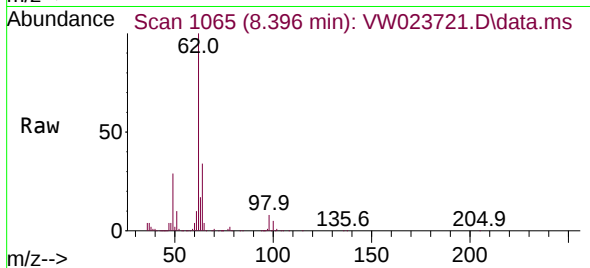
VSTD025485

Tgt Ion: 62 Resp: 86032

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



#29

Cyclohexane

Concen: 20.938 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

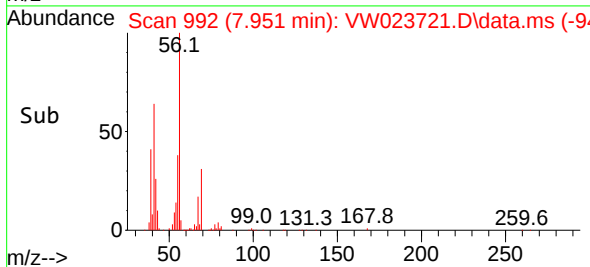
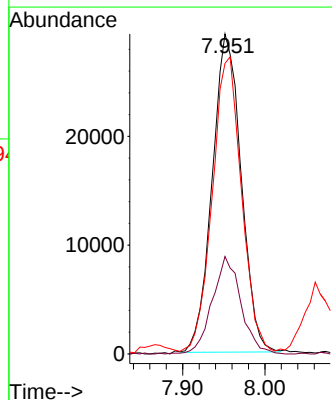
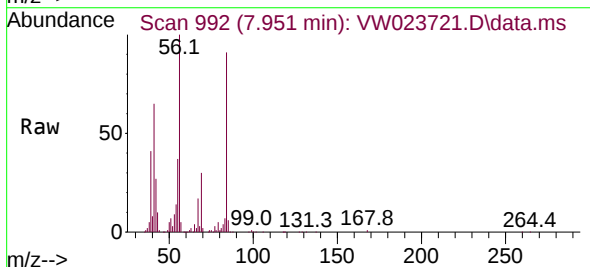
Tgt Ion: 56 Resp: 71598

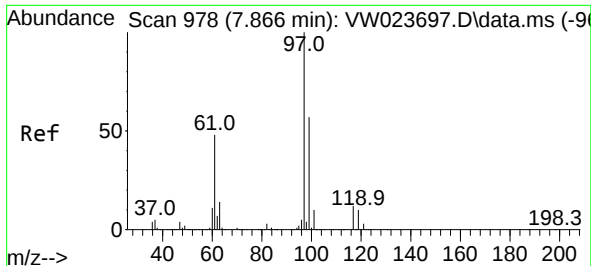
Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

84 95.0 75.0 112.4





#30

1,1,1-Trichloroethane

Concen: 21.282 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

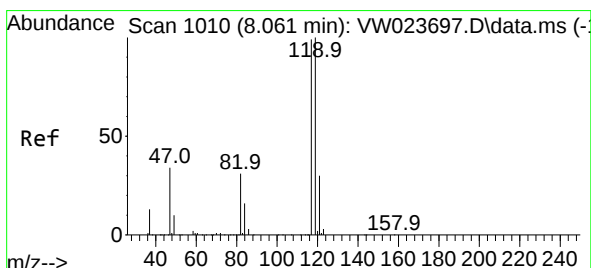
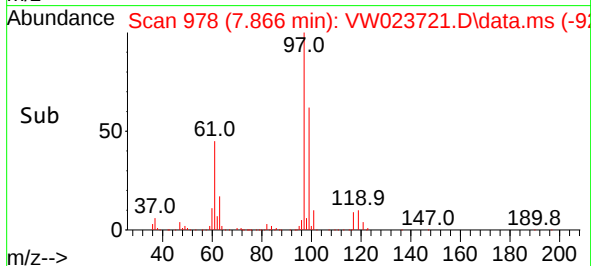
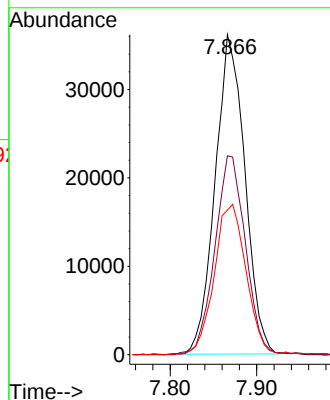
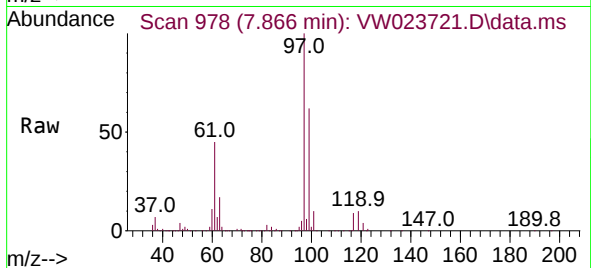
Tgt Ion: 97 Resp: 86155

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 50.4 37.5 56.3



#31

Carbon tetrachloride

Concen: 21.588 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023721.D

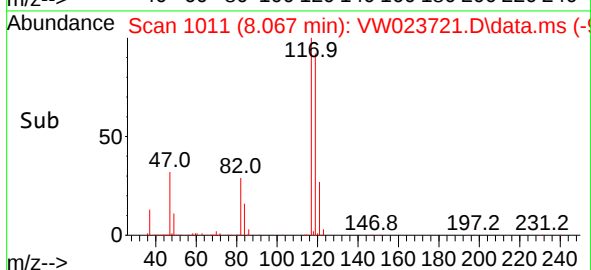
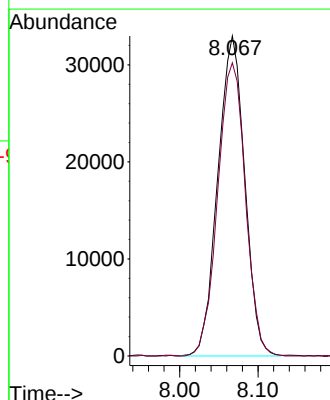
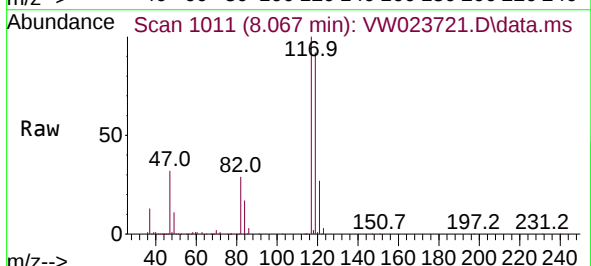
Acq: 14 Jul 2022 23:47

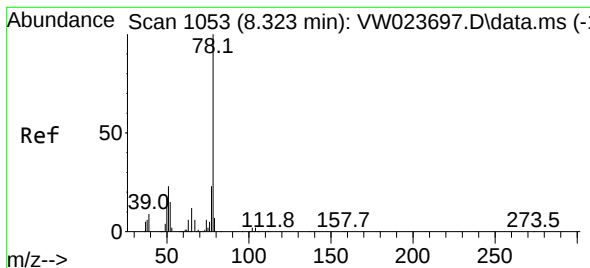
Tgt Ion: 117 Resp: 78781

Ion Ratio Lower Upper

117 100

119 94.1 75.7 113.5





#33

Benzene

Concen: 22.931 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

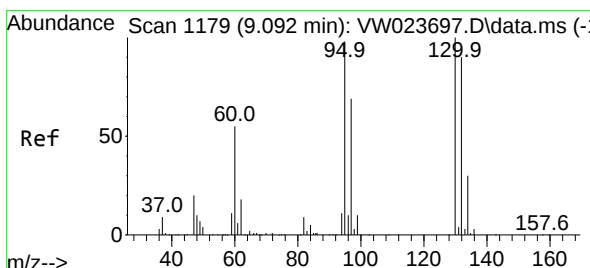
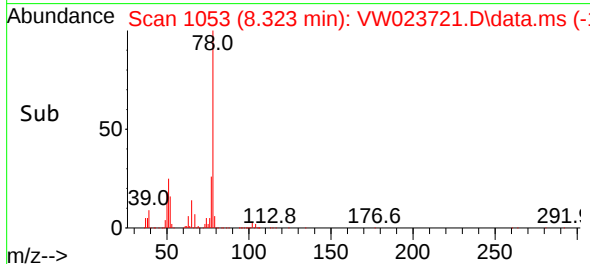
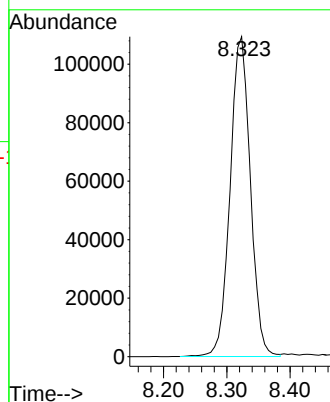
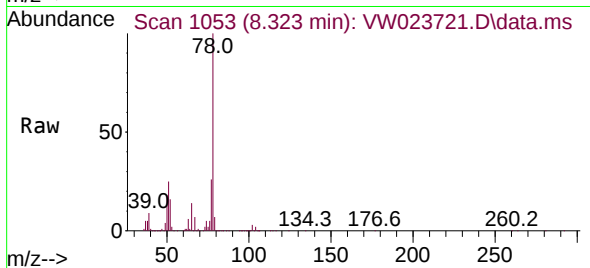
Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion: 78 Resp: 243643



#34

Trichloroethene

Concen: 21.485 ug/L

RT: 9.091 min Scan# 1179

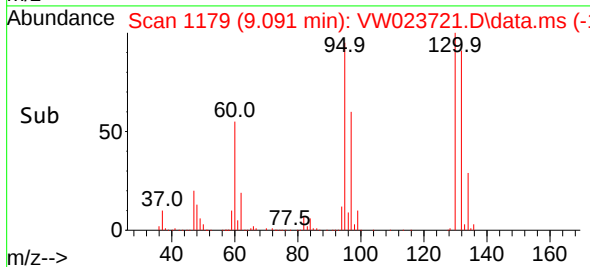
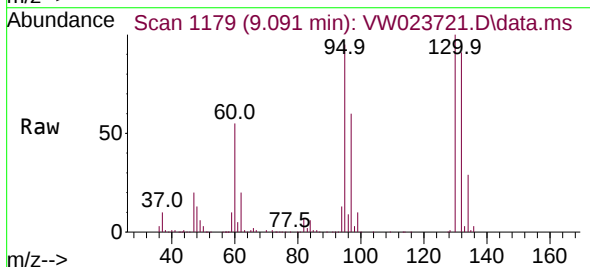
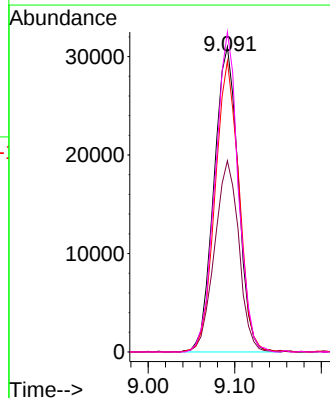
Delta R.T. -0.000 min

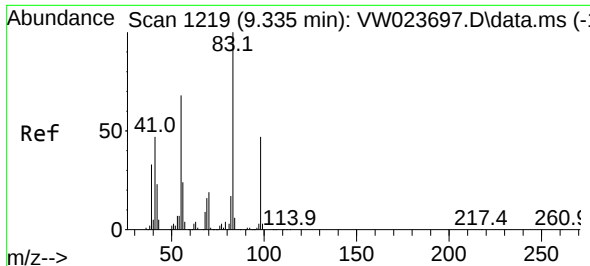
Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Tgt Ion: 95 Resp: 60282

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.6	84.8
132	95.4	69.9	129.7
130	104.9	75.4	140.0





#35

Methylcyclohexane

Concen: 21.153 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

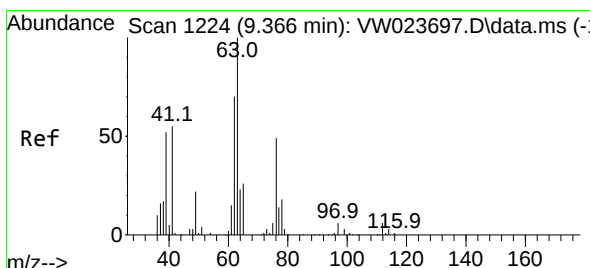
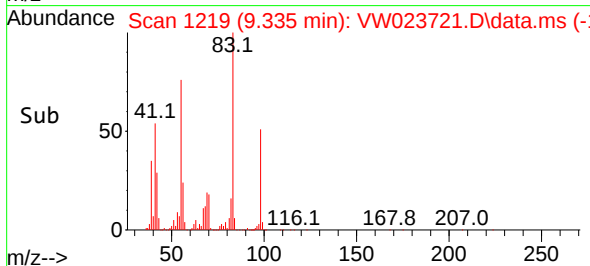
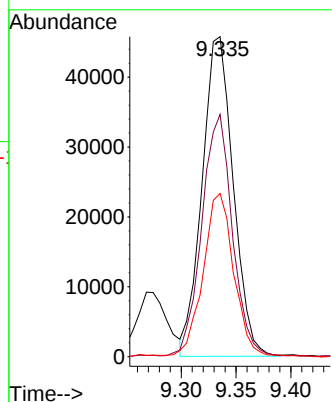
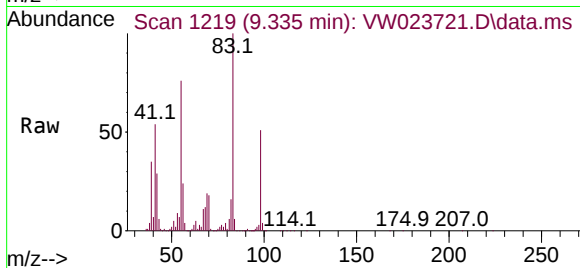
Tgt Ion: 83 Resp: 90374

Ion Ratio Lower Upper

83 100

55 74.3 60.8 91.2

98 49.3 39.5 59.3



#37

1,2-Dichloropropane

Concen: 23.321 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW023721.D

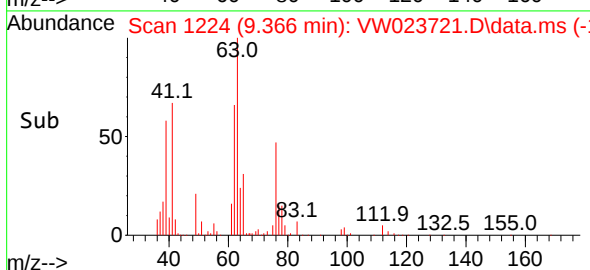
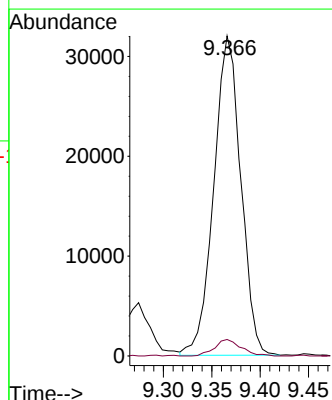
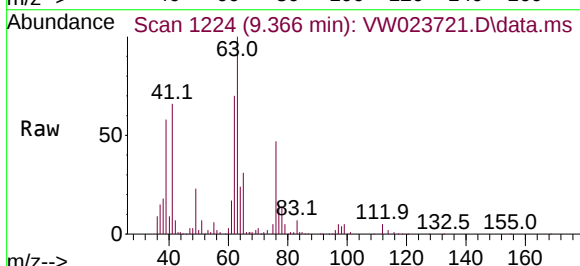
Acq: 14 Jul 2022 23:47

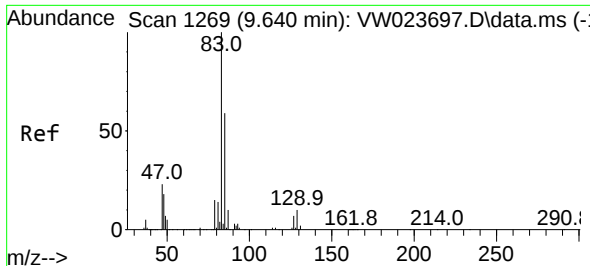
Tgt Ion: 63 Resp: 62121

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2

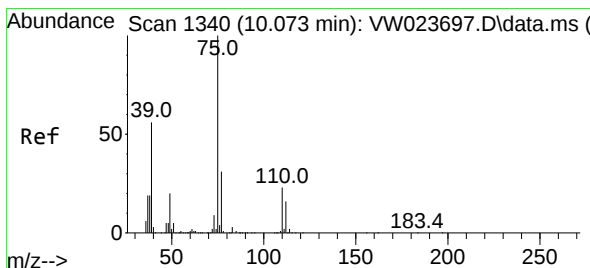
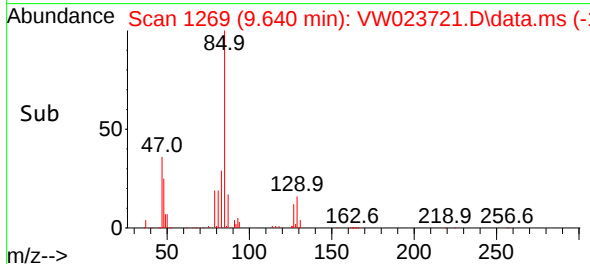
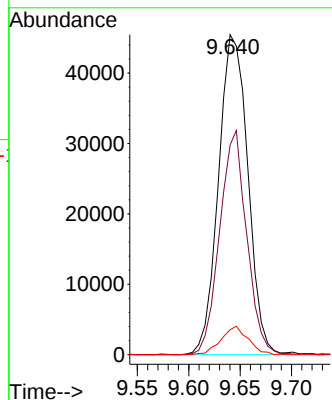
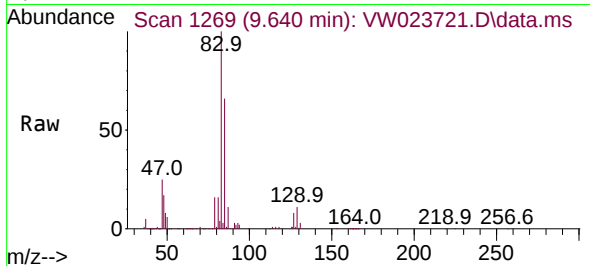




#38
Bromodichloromethane
Concen: 24.228 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

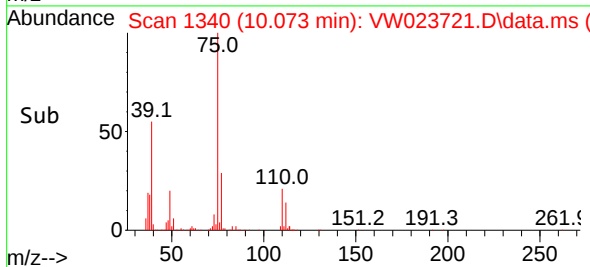
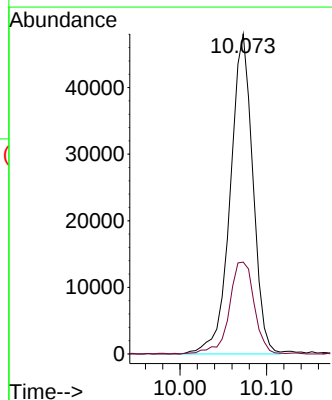
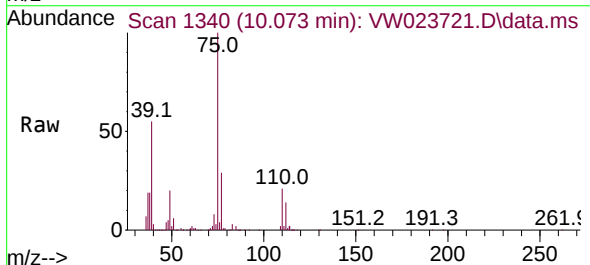
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

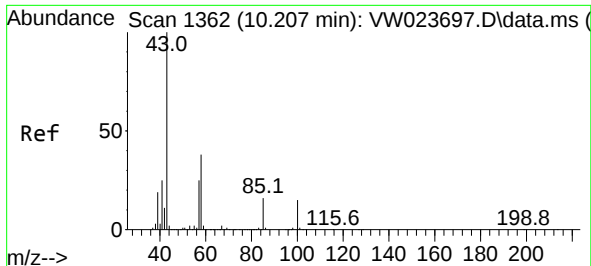
Tgt Ion: 83 Resp: 90072
Ion Ratio Lower Upper
83 100
85 65.6 45.5 84.5
127 7.8 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 21.658 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 75 Resp: 86953
Ion Ratio Lower Upper
75 100
77 28.7 22.5 41.9

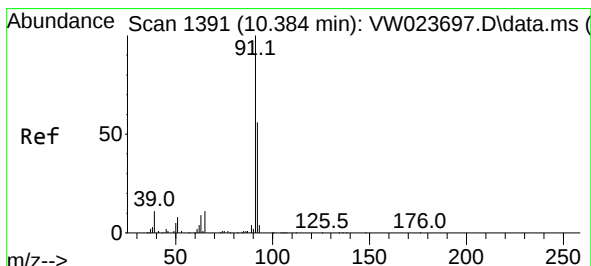
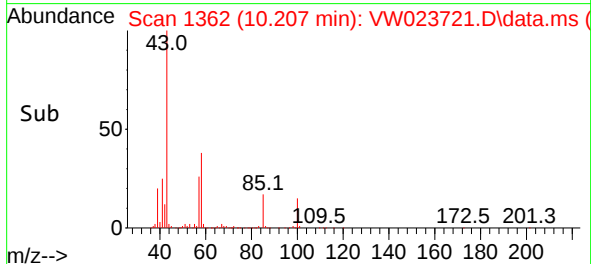
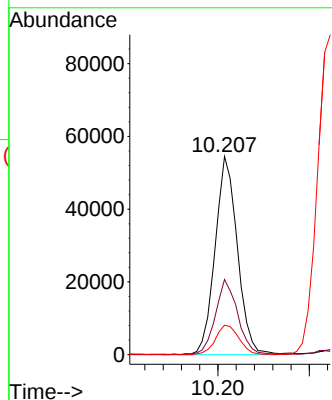
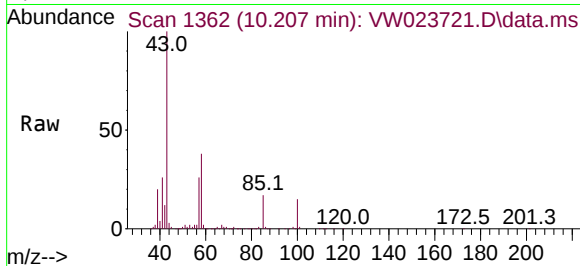




#40
4-Methyl-2-pentanone
Concen: 49.913 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

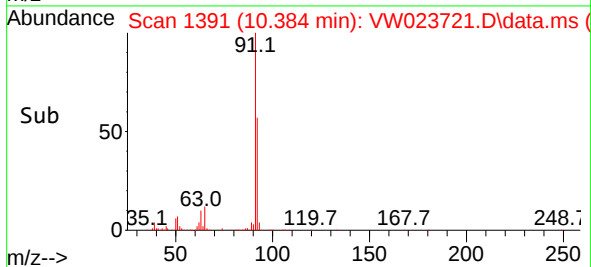
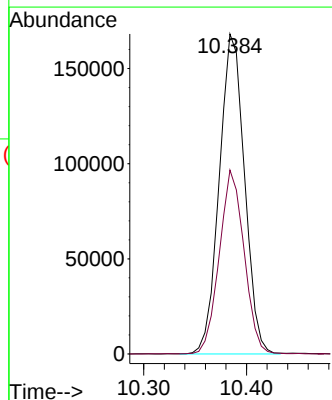
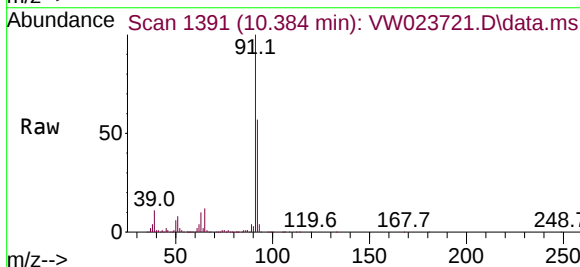
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

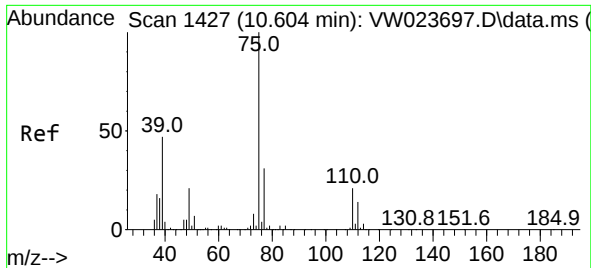
Tgt Ion: 43 Resp: 92519
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.8
100 15.7 13.0 19.4



#42
Toluene
Concen: 23.668 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 91 Resp: 286789
Ion Ratio Lower Upper
91 100
92 57.4 39.9 74.1

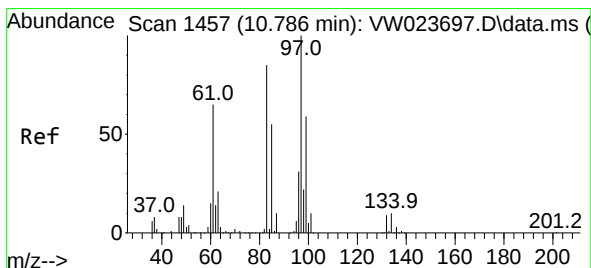
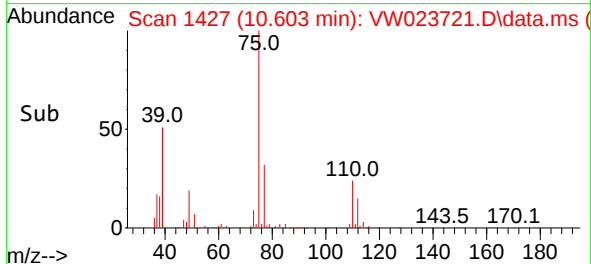
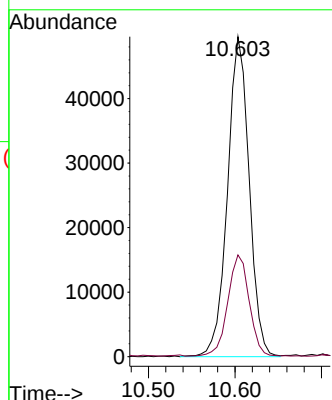
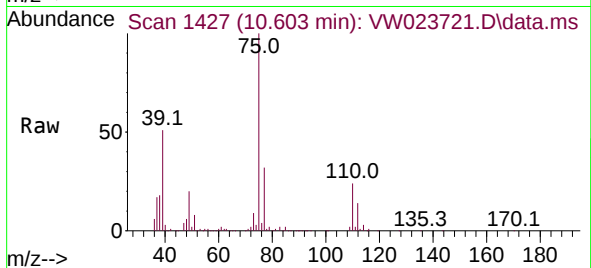




#44
trans-1,3-Dichloropropene
Concen: 22.602 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

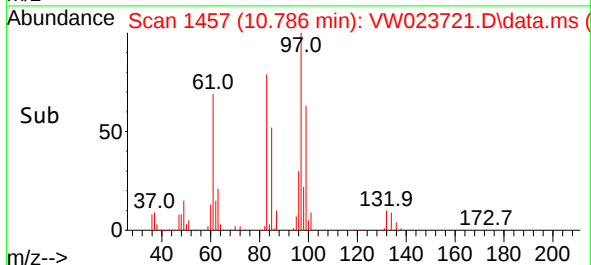
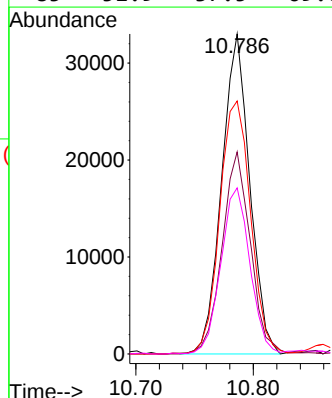
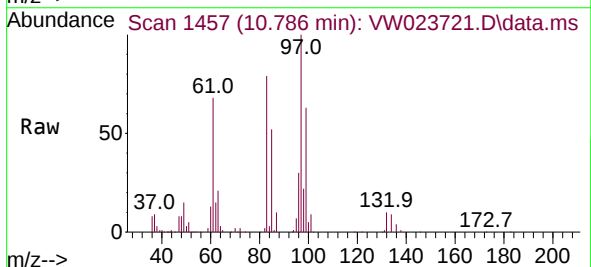
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

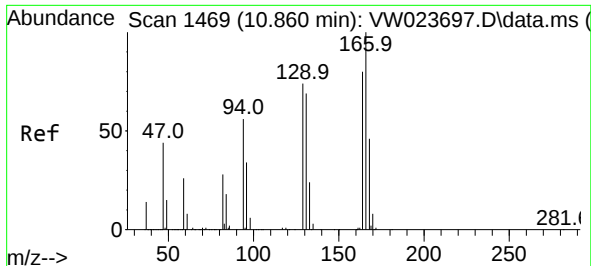
Tgt Ion: 75 Resp: 86248
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 23.477 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 97 Resp: 54682
Ion Ratio Lower Upper
97 100
99 63.1 44.2 82.2
83 79.0 59.8 111.0
85 51.9 37.5 69.6

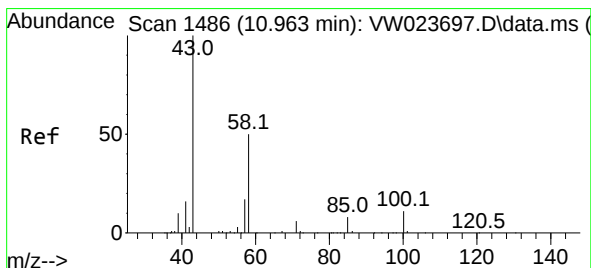
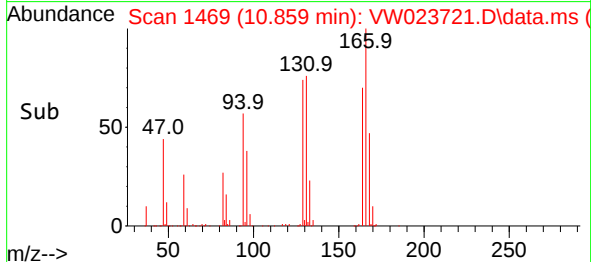
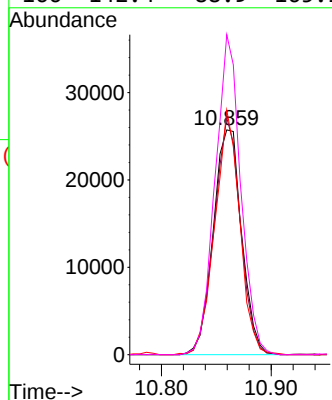
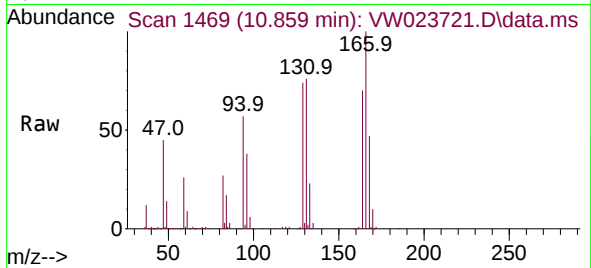




#46
Tetrachloroethene
Concen: 21.381 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

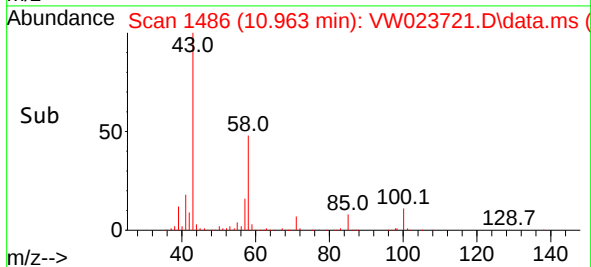
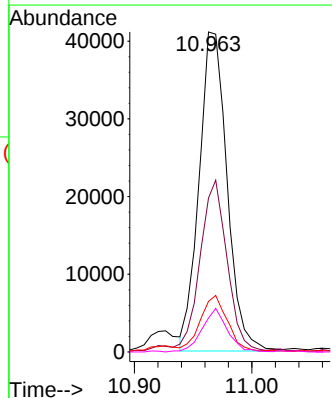
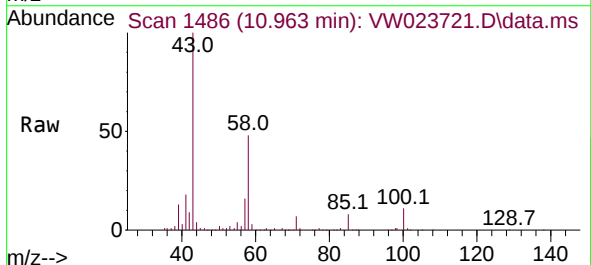
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

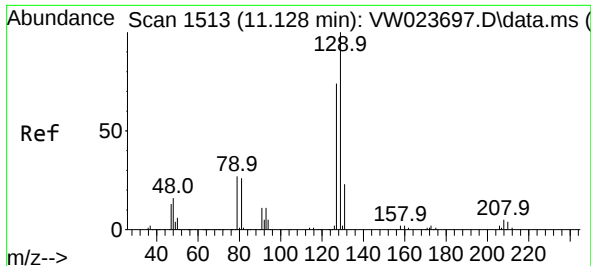
Tgt Ion:	164	Resp:	46385
Ion	Ratio	Lower	Upper
164	100		
129	105.4	72.4	134.5
131	108.9	67.8	125.8
166	142.4	88.9	165.1



#48
2-Hexanone
Concen: 50.450 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:	43	Resp:	68086
Ion	Ratio	Lower	Upper
43	100		
58	52.0	41.6	62.4
57	17.2	14.6	21.8
100	12.3	10.6	15.8

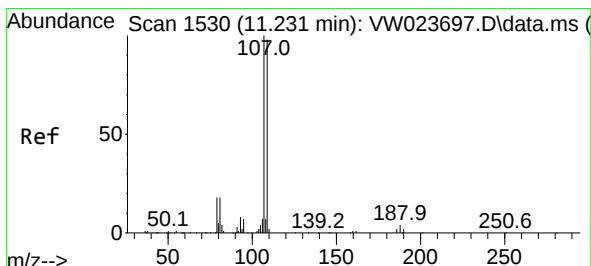
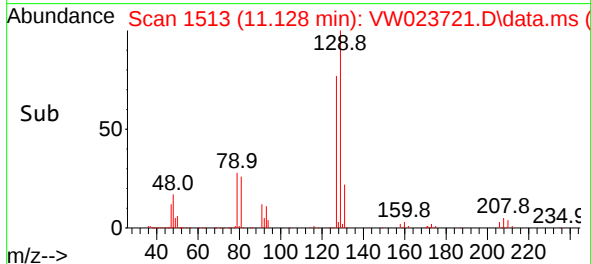
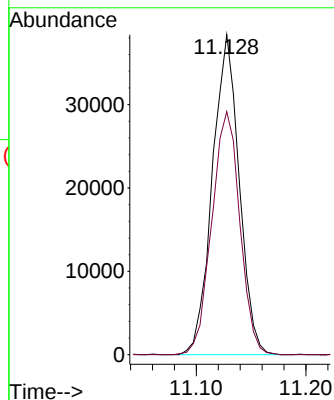
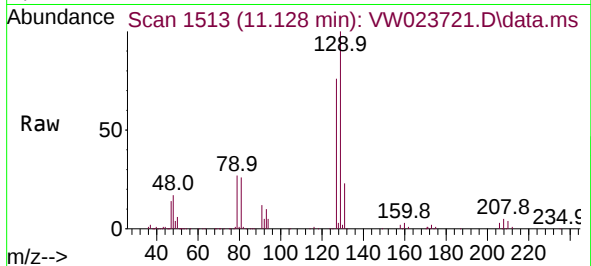




#49
Dibromochloromethane
Concen: 24.137 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

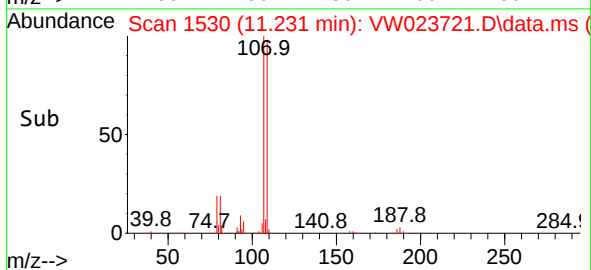
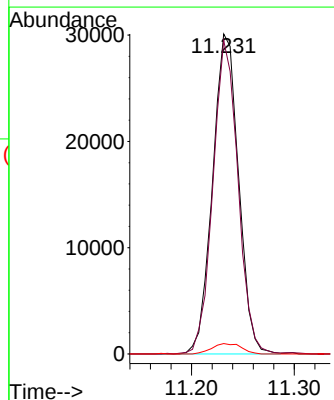
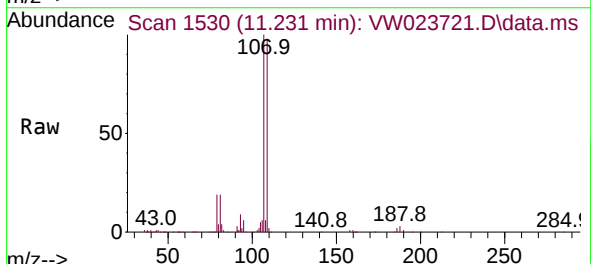
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

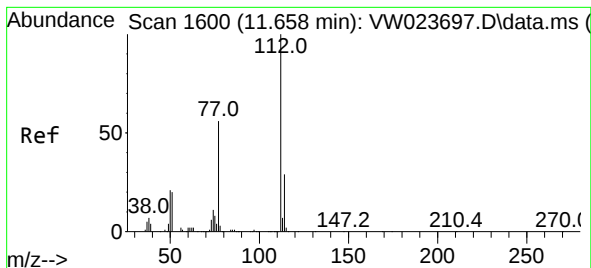
Tgt Ion:129 Resp: 65197
Ion Ratio Lower Upper
129 100
127 76.0 53.7 99.7



#50
1,2-Dibromoethane
Concen: 23.616 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:107 Resp: 52845
Ion Ratio Lower Upper
107 100
109 97.9 62.4 116.0
188 3.2 2.3 3.5

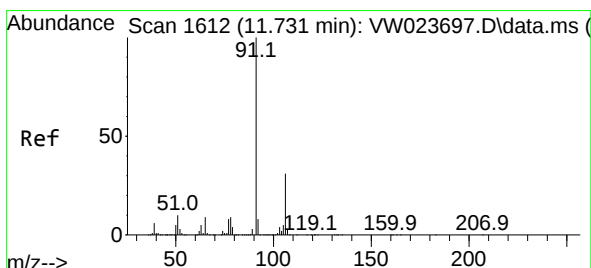
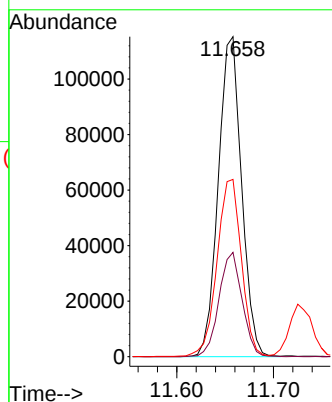
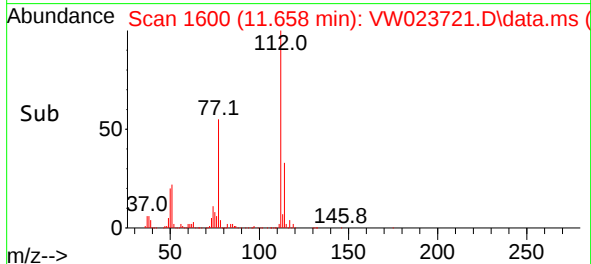
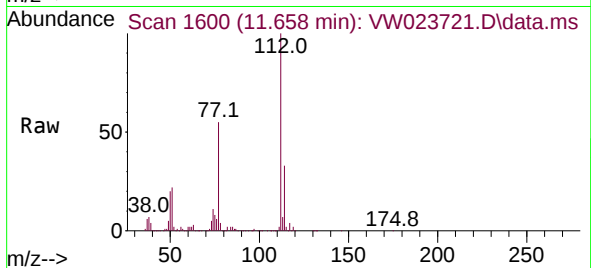




#51
Chlorobenzene
Concen: 23.578 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

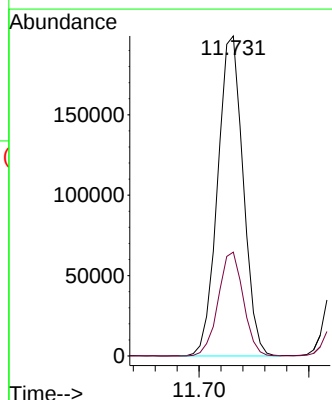
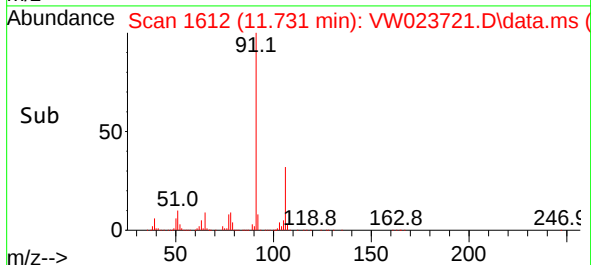
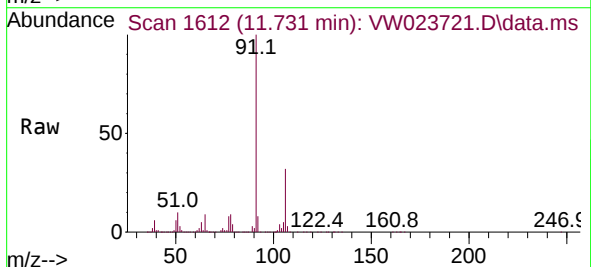
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

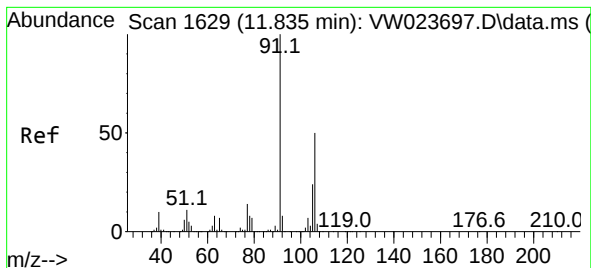
Tgt Ion:112 Resp: 192682
Ion Ratio Lower Upper
112 100
114 32.6 21.1 39.3
77 55.4 46.6 69.8



#52
Ethylbenzene
Concen: 23.371 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 91 Resp: 321806
Ion Ratio Lower Upper
91 100
106 32.5 22.5 41.9

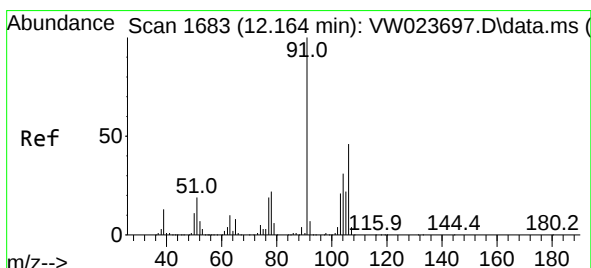
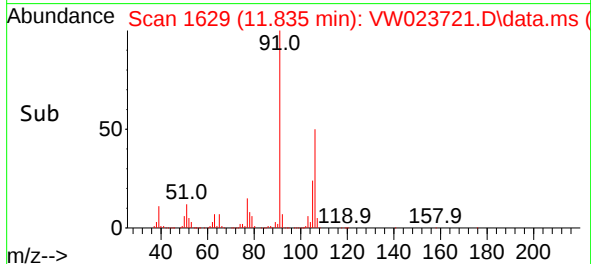
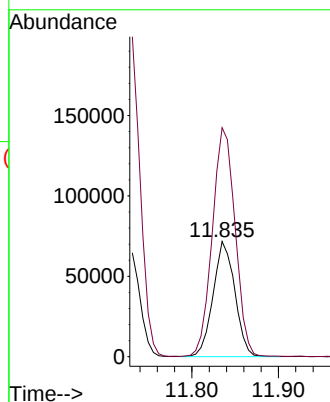
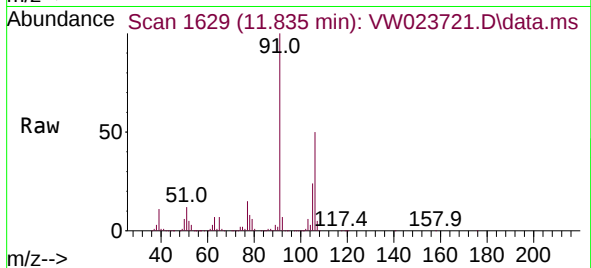




#53
m,p-Xylene
Concen: 23.307 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

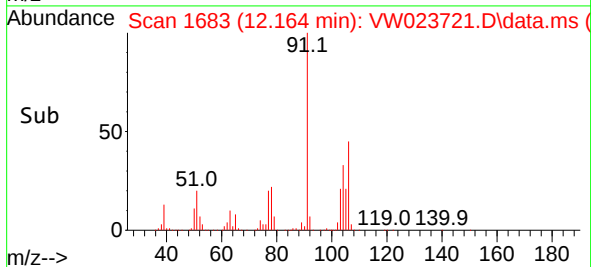
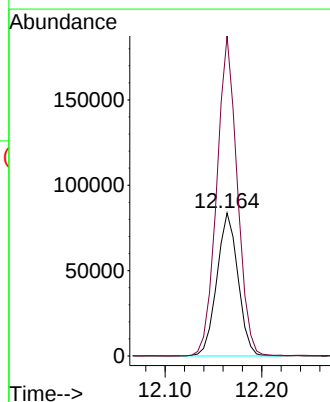
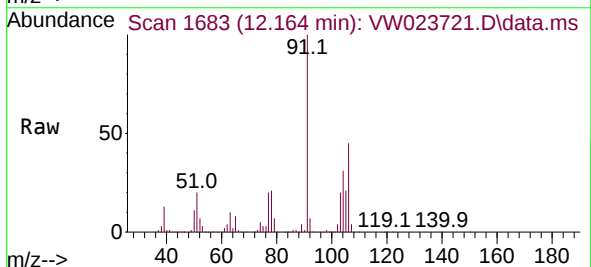
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

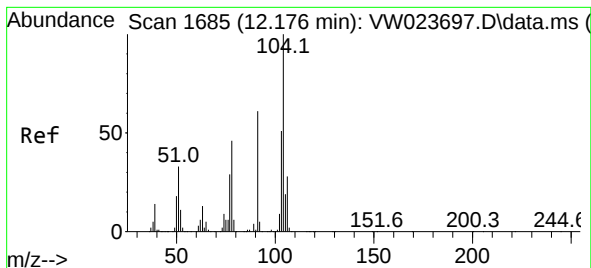
Tgt Ion:106 Resp: 125216
Ion Ratio Lower Upper
106 100
91 198.6 142.8 265.2



#54
o-Xylene
Concen: 24.583 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:106 Resp: 126833
Ion Ratio Lower Upper
106 100
91 223.7 149.6 277.8





#55

Styrene

Concen: 26.283 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

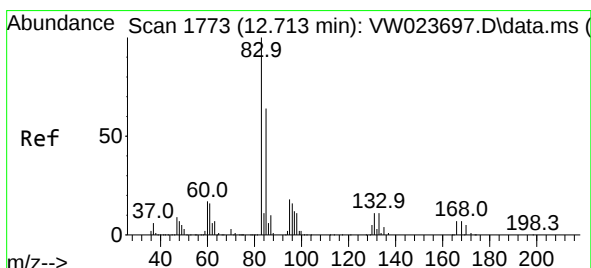
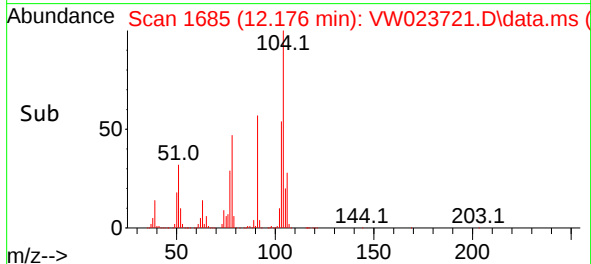
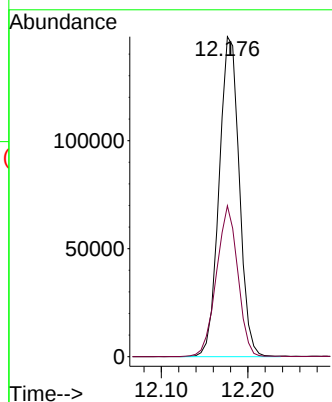
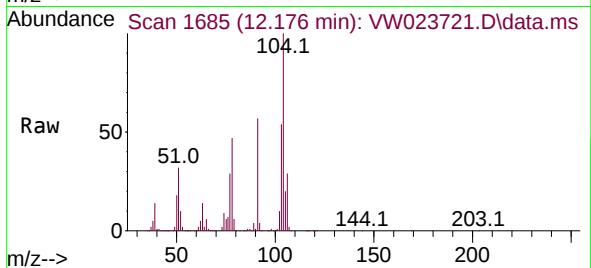
VSTD025485

Tgt Ion:104 Resp: 239559

Ion Ratio Lower Upper

104 100

78 47.2 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 25.141 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

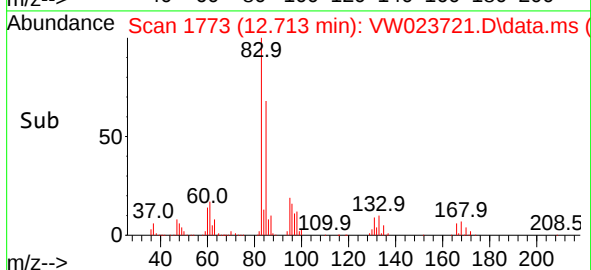
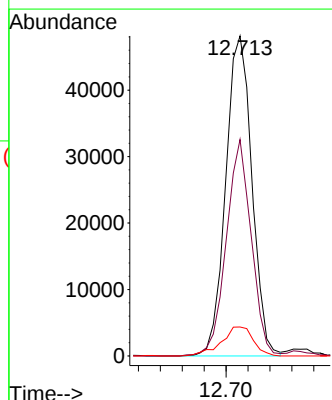
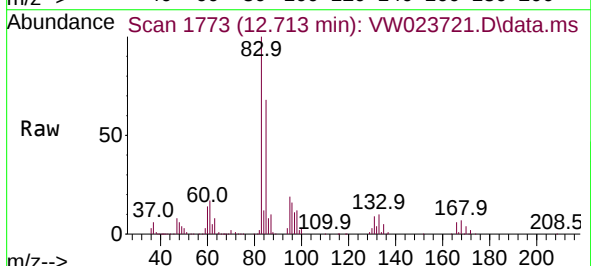
Tgt Ion: 83 Resp: 79871

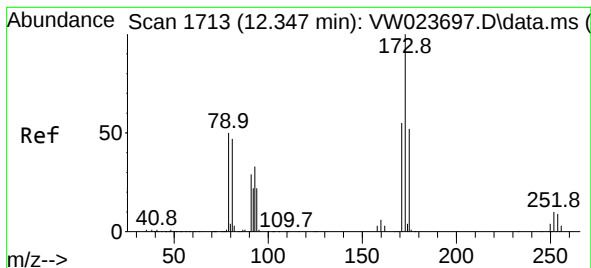
Ion Ratio Lower Upper

83 100

85 67.7 46.5 86.3

131 9.1 7.4 11.0





#59

Bromoform

Concen: 24.629 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

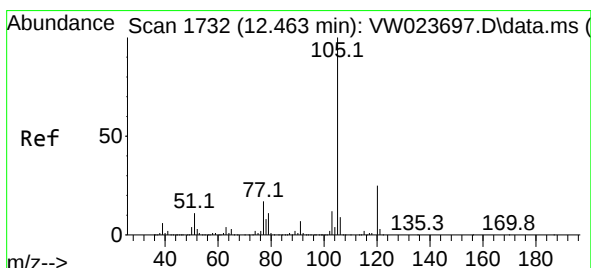
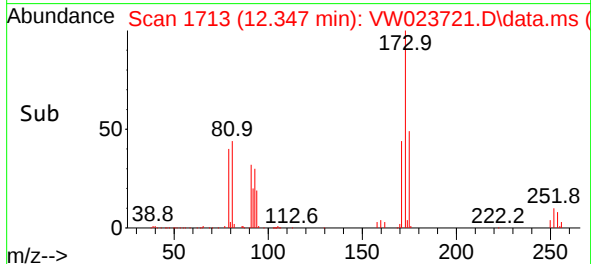
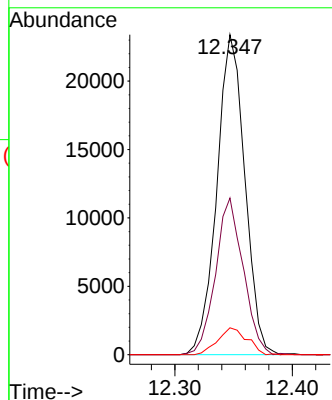
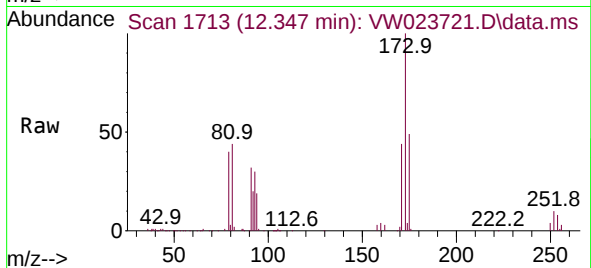
Tgt Ion:173 Resp: 38759

Ion Ratio Lower Upper

173 100

175 48.3 38.9 58.3

254 8.7 5.9 8.9



#60

Isopropylbenzene

Concen: 23.770 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

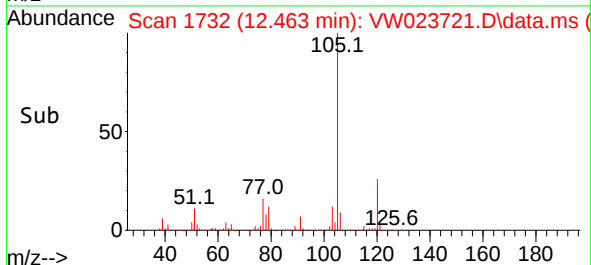
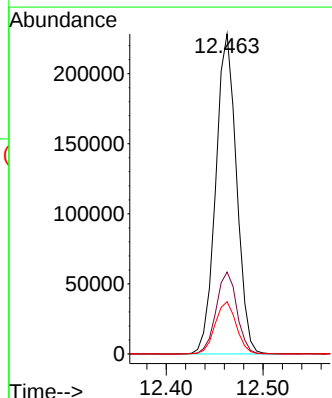
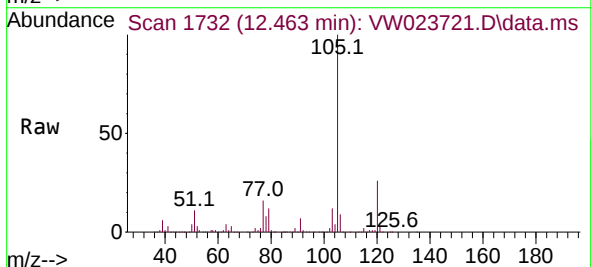
Tgt Ion:105 Resp: 340776

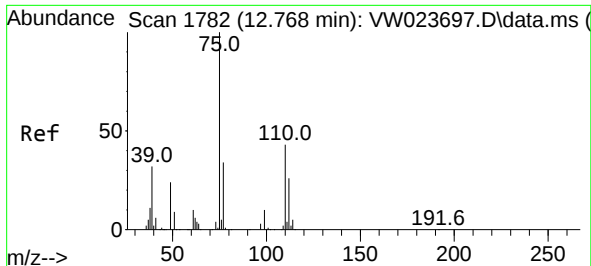
Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 16.7 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 24.250 ug/L

RT: 12.768 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023721.D

Acq: 14 Jul 2022 23:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

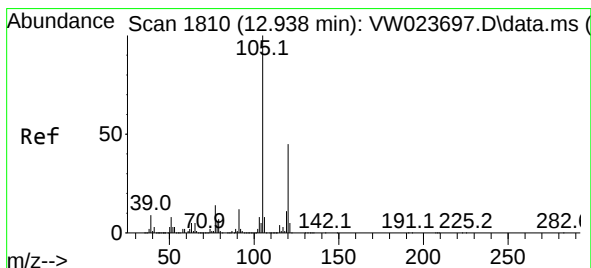
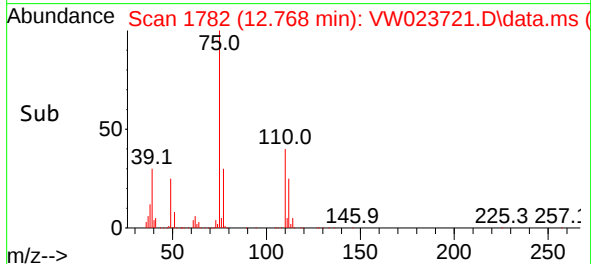
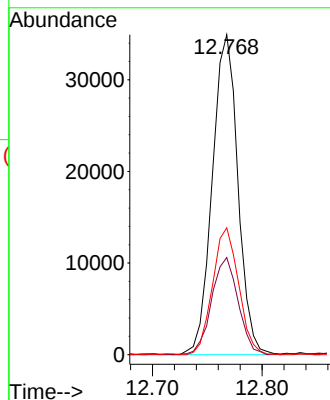
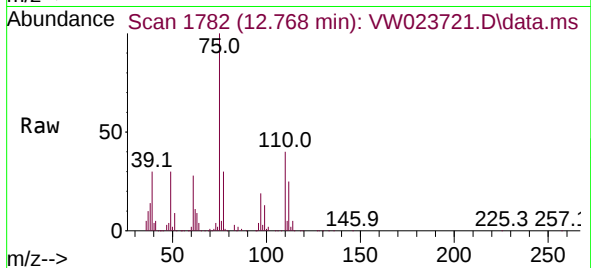
Tgt Ion: 75 Resp: 56748

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

110 40.2 31.9 47.9



#62

1,3,5-Trimethylbenzene

Concen: 24.222 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023721.D

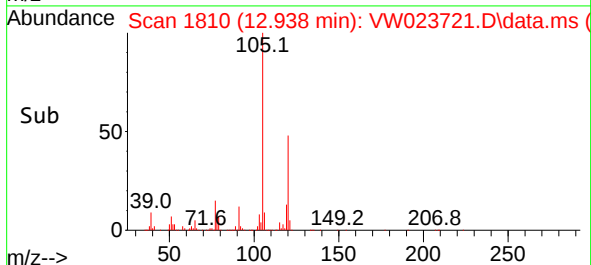
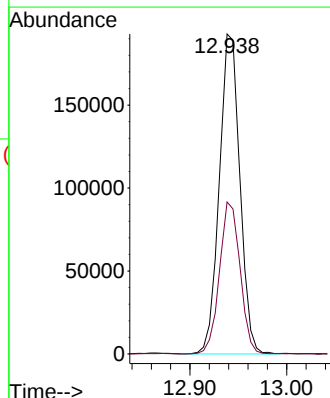
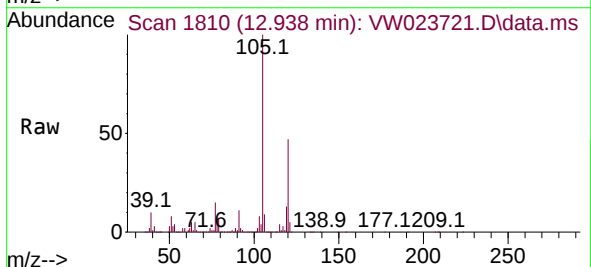
Acq: 14 Jul 2022 23:47

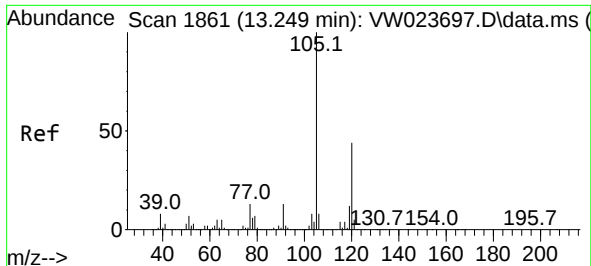
Tgt Ion: 105 Resp: 284298

Ion Ratio Lower Upper

105 100

120 47.5 38.7 58.1

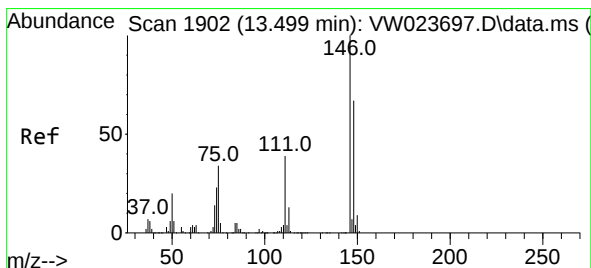
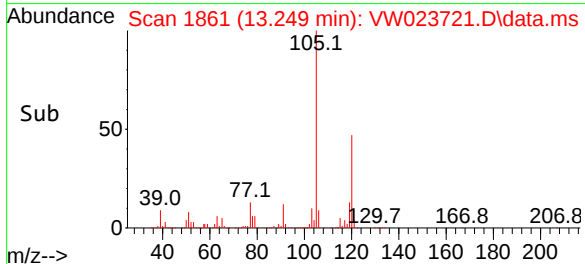
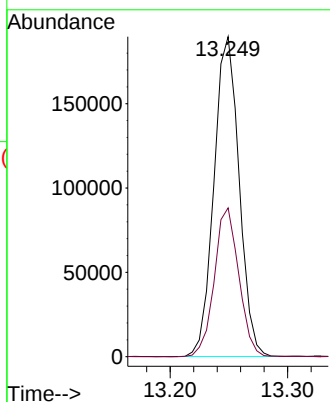
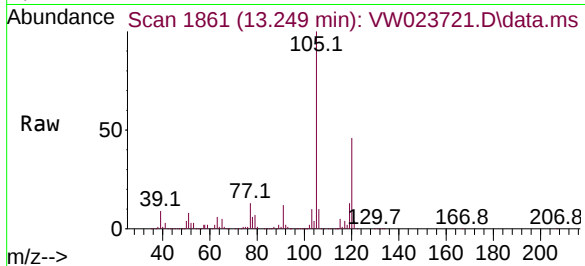




#63
1,2,4-Trimethylbenzene
Concen: 24.053 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

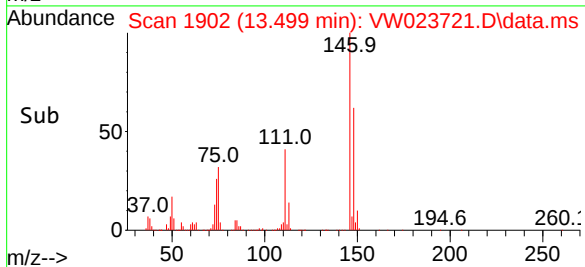
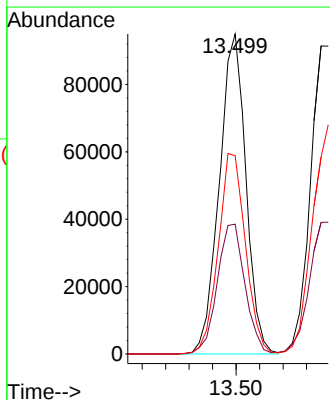
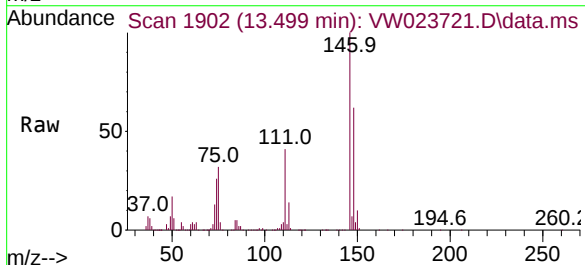
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

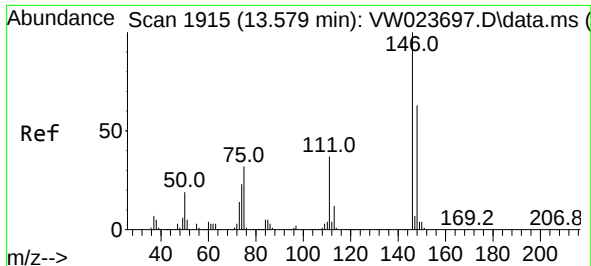
Tgt Ion:105 Resp: 282254
Ion Ratio Lower Upper
105 100
120 45.3 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 22.933 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:146 Resp: 149272
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 62.0 41.2 76.4

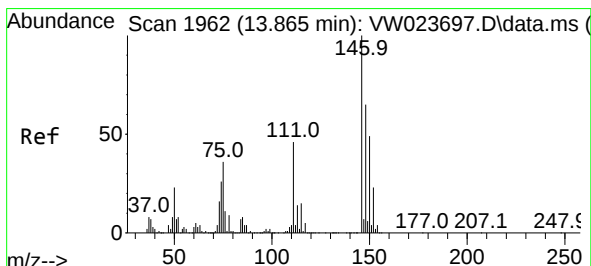
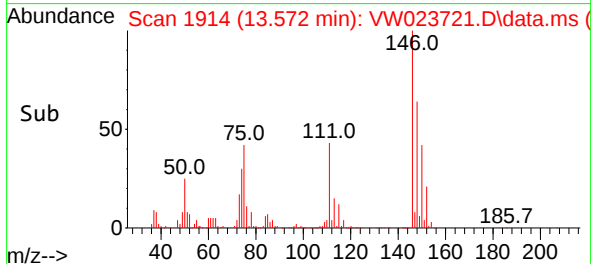
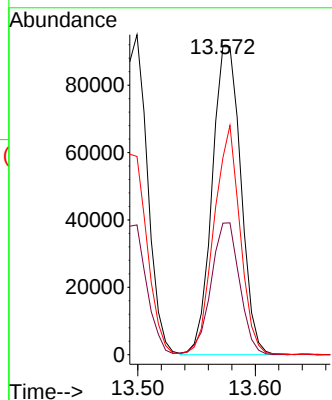
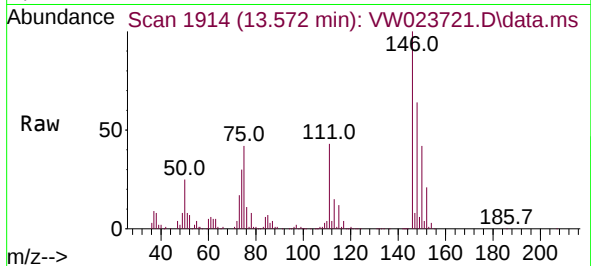




#65
1,4-Dichlorobenzene
Concen: 22.448 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

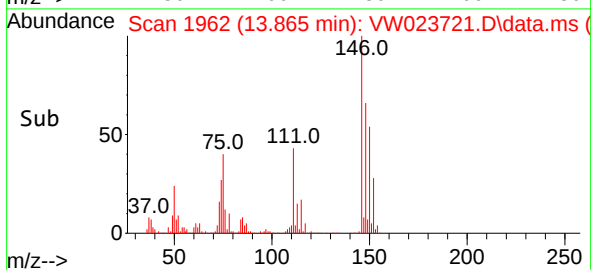
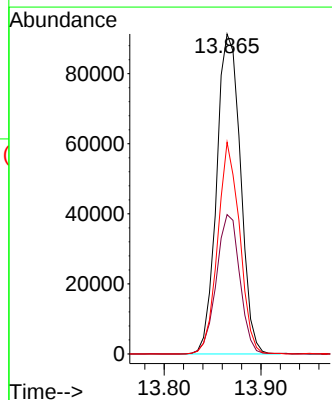
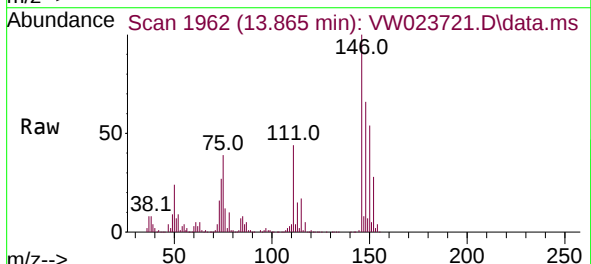
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

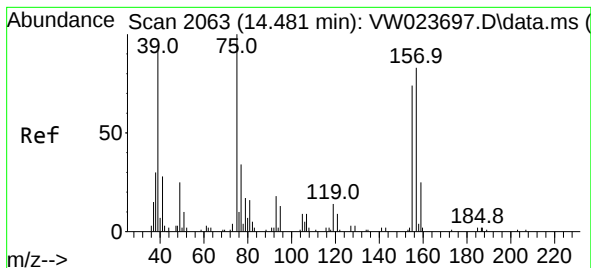
Tgt Ion:146 Resp: 155451
Ion Ratio Lower Upper
146 100
111 42.7 29.4 54.6
148 63.9 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 25.442 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:146 Resp: 156184
Ion Ratio Lower Upper
146 100
111 43.5 35.9 53.9
148 66.1 51.3 76.9

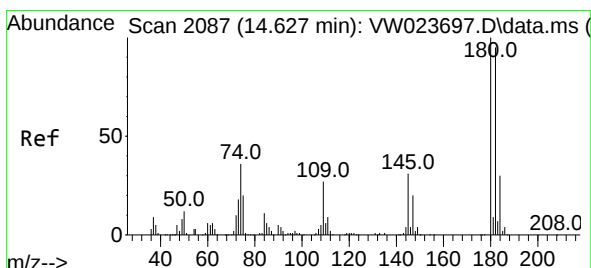
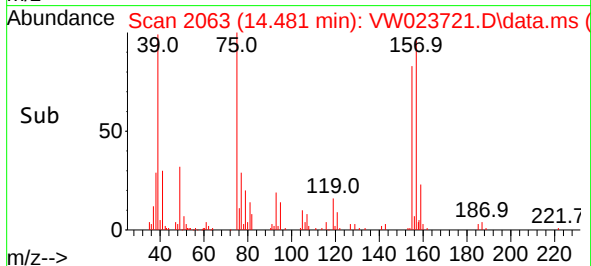
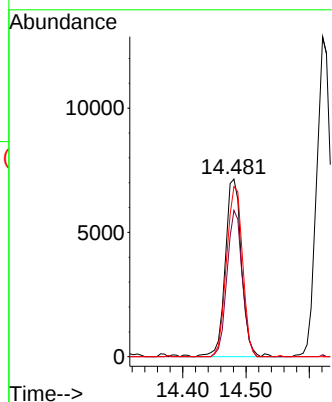
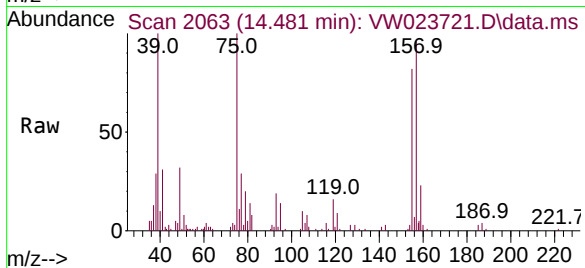




#68
1,2-Dibromo-3-chloropropane
Concen: 23.524 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

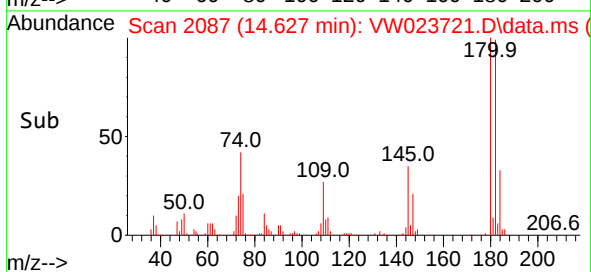
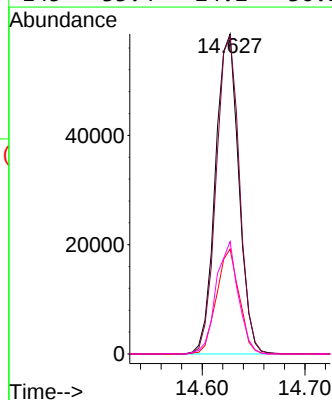
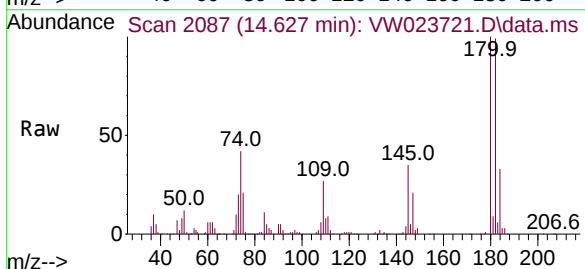
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

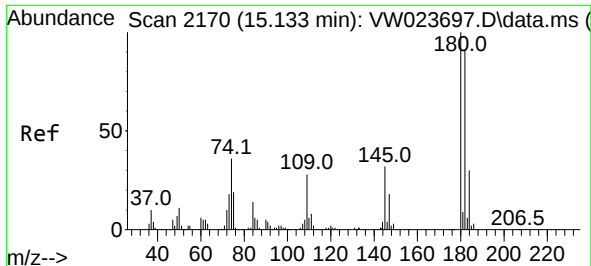
Tgt Ion: 75 Resp: 12697
Ion Ratio Lower Upper
75 100
155 82.3 51.7 77.5#
157 95.8 63.5 95.3#



#69
1,3,5-Trichlorobenzene
Concen: 21.451 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion: 180 Resp: 92421
Ion Ratio Lower Upper
180 100
182 98.4 70.2 105.2
184 31.7 22.6 34.0
145 33.4 24.2 36.2

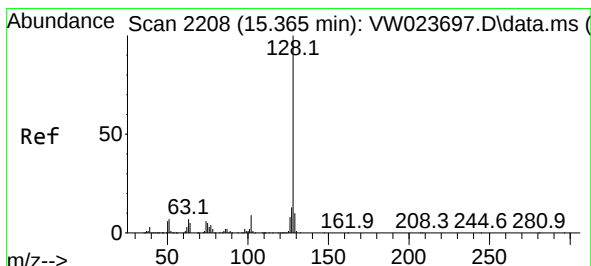
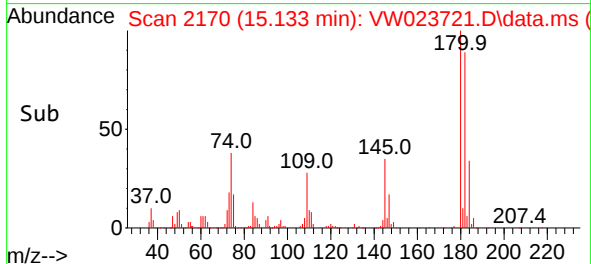
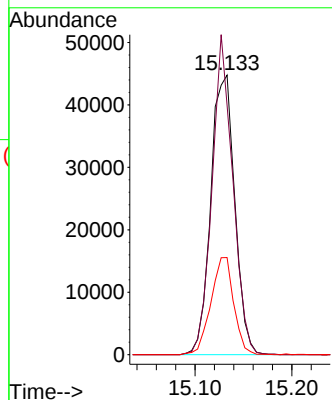
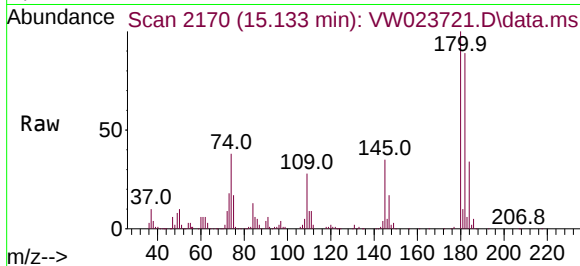




#70
1,2,4-trichlorobenzene
Concen: 23.261 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

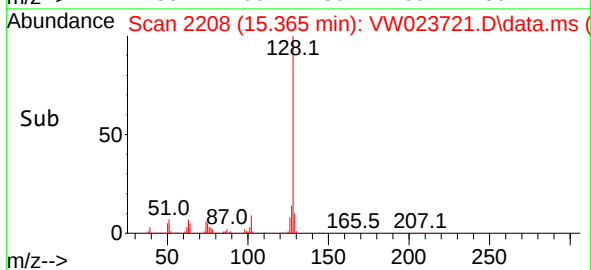
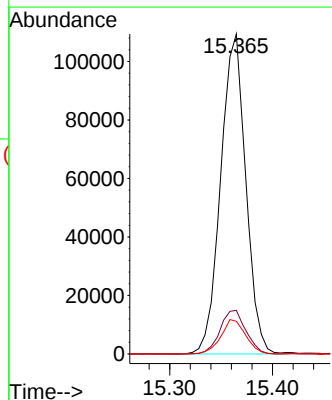
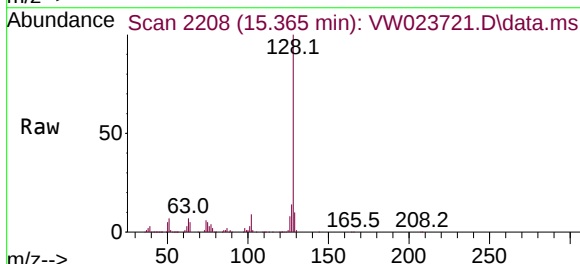
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

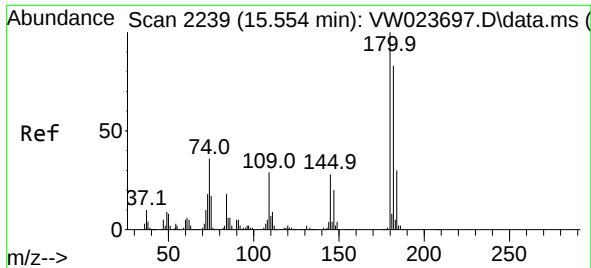
Tgt Ion:180 Resp: 77387
Ion Ratio Lower Upper
180 100
182 98.9 77.5 116.3
145 33.1 26.3 39.5



#71
Naphthalene
Concen: 25.964 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW023721.D
Acq: 14 Jul 2022 23:47

Tgt Ion:128 Resp: 185288
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.4
129 10.6 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 25.830 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW023721.D
 Acq: 14 Jul 2022 23:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.3	114.5
145	31.8	27.8	41.6

