

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023892.D
 Acq On : 19 Jul 2022 18:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Jul 20 01:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	295405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	285163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	168416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	156558	20.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.879	69	106585	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.196	63	227	0.037	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.160%#
21) 2-Butanone-d5	7.080	46	68953	58.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.840%
24) Chloroform-d	7.647	84	234560	27.272	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.080%
26) 1,2-Dichloroethane-d4	8.305	65	129629	24.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.560%
32) Benzene-d6	8.274	84	435132	29.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.400%
36) 1,2-Dichloropropane-d6	9.274	67	130076	29.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.520%
41) Toluene-d8	10.323	98	411573	27.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.480%
43) trans-1,3-Dichloroprop...	10.579	79	54462	26.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.080%
47) 2-Hexanone-d5	10.926	63	61582	65.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145511	29.488	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	163394	27.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	71768	35.751	ug/L	95
3) Chloromethane	2.215	50	121775	24.771	ug/L	99
5) Vinyl chloride	2.355	62	172138	20.391	ug/L	97
6) Bromomethane	2.769	94	84600	15.494	ug/L	97
8) Chloroethane	2.916	64	79757	20.195	ug/L	98
9) Trichlorofluoromethane	3.245	101	64832	16.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	100039	26.639	ug/L	99
12) 1,1-Dichloroethene	4.031	96	80270	25.634	ug/L	98
13) Acetone	4.129	43	41818	50.541	ug/L	98
14) Carbon disulfide	4.379	76	219428	23.821	ug/L	98
15) Methyl Acetate	4.671	43	51917	28.036	ug/L	97
16) Methylene chloride	4.915	84	110844	23.996	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	96567	25.417	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	158290	26.930	ug/L	98
19) 1,1-Dichloroethane	6.214	63	185471	26.464	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	114413	27.182	ug/L #	93
22) 2-Butanone	7.171	43	74110	54.503	ug/L	98
23) Bromochloromethane	7.512	128	58090	28.729	ug/L	96
25) Chloroform	7.671	83	215028	26.633	ug/L	92

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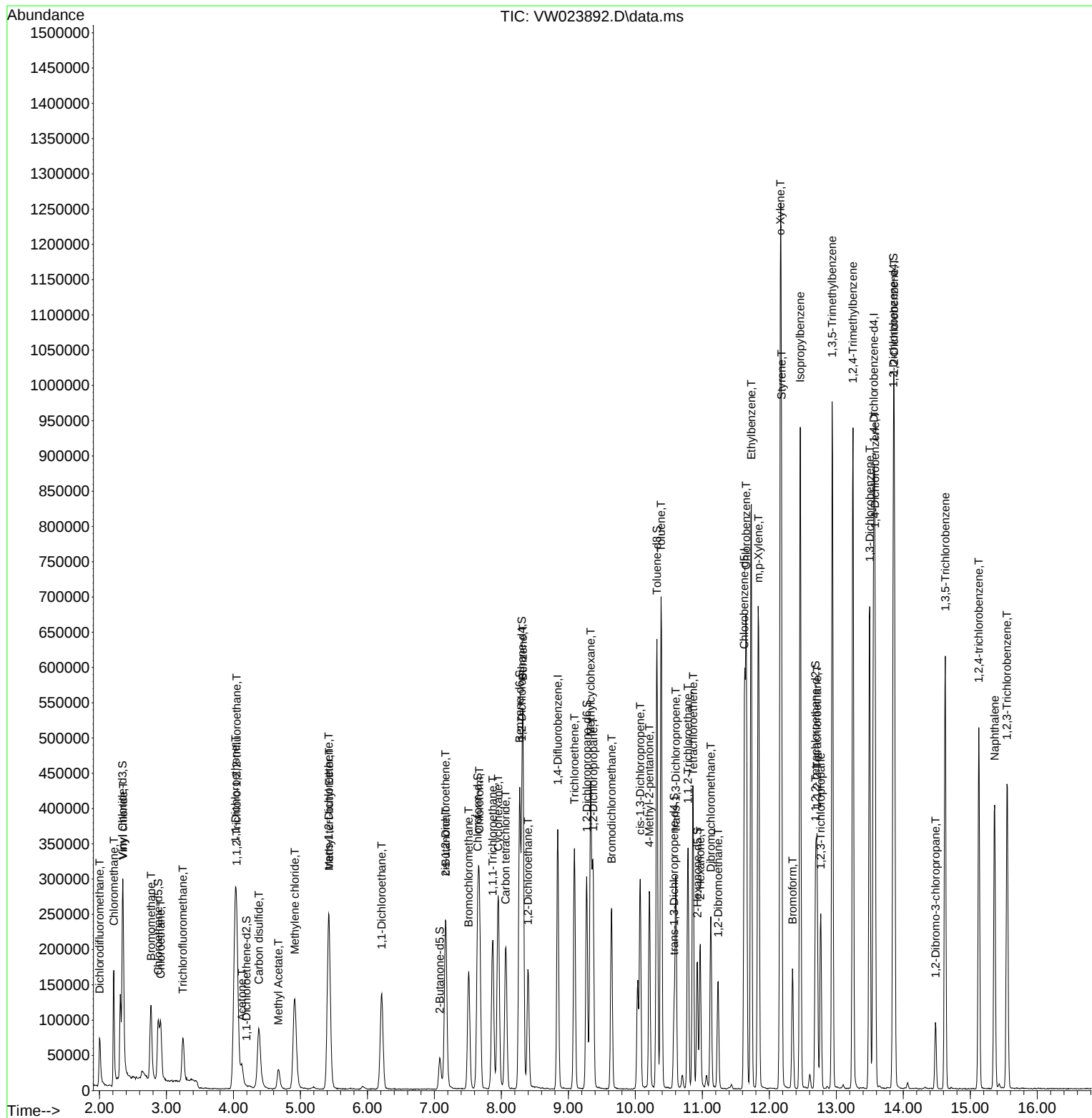
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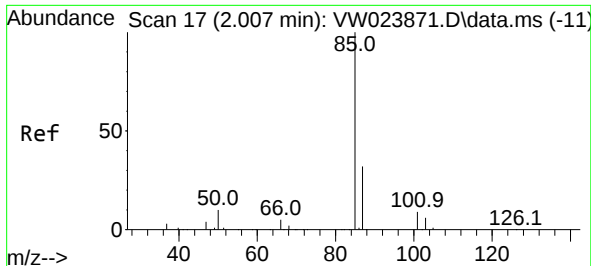
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149590	25.174	ug/L	98
29) Cyclohexane	7.951	56	134668	25.821	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	166654	26.991	ug/L	98
31) Carbon tetrachloride	8.061	117	148307	26.646	ug/L	100
33) Benzene	8.323	78	443134	27.345	ug/L	100
34) Trichloroethene	9.091	95	116266	27.170	ug/L	95
35) Methylcyclohexane	9.335	83	169848	26.066	ug/L	97
37) 1,2-Dichloropropane	9.372	63	113954	28.049	ug/L	99
38) Bromodichloromethane	9.646	83	163787	28.886	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	166655	27.216	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	172157	60.896	ug/L	98
42) Toluene	10.384	91	496620	26.872	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	156944	26.966	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	104644	29.458	ug/L	97
46) Tetrachloroethene	10.865	164	85144	25.732	ug/L	92
48) 2-Hexanone	10.969	43	124129	60.306	ug/L	96
49) Dibromochloromethane	11.128	129	120699	29.299	ug/L	93
50) 1,2-Dibromoethane	11.237	107	99654	29.200	ug/L #	94
51) Chlorobenzene	11.652	112	328583	26.362	ug/L	97
52) Ethylbenzene	11.731	91	570521	27.166	ug/L	97
53) m,p-Xylene	11.841	106	222627	27.170	ug/L	92
54) o-Xylene	12.164	106	216602	27.526	ug/L	97
55) Styrene	12.182	104	383800	27.608	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	139256	28.739	ug/L	98
59) Bromoform	12.347	173	71740	28.888	ug/L #	97
60) Isopropylbenzene	12.463	105	577716	25.536	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96811	26.216	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	483928	26.127	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	490541	26.490	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	271918	26.472	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	282490	25.850	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	270425	27.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	22075	25.917	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	173123	25.464	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	144264	27.479	ug/L	97
71) Naphthalene	15.365	128	342101	30.378	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140936	28.802	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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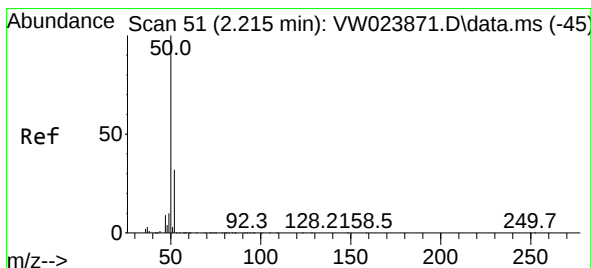
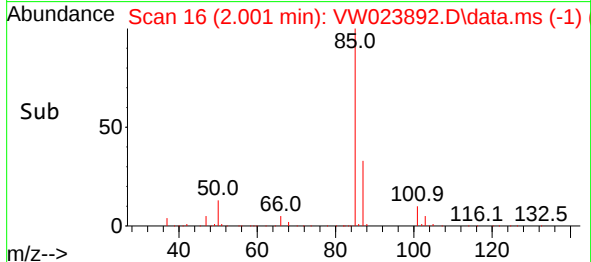
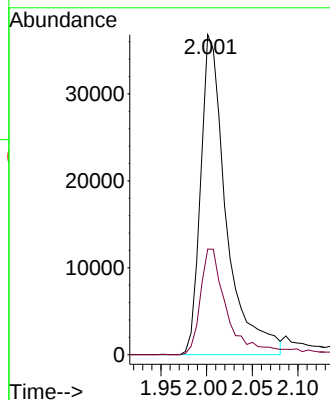
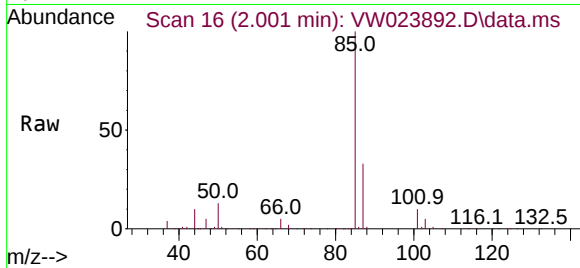




#2
Dichlorodifluoromethane
Concen: 35.751 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

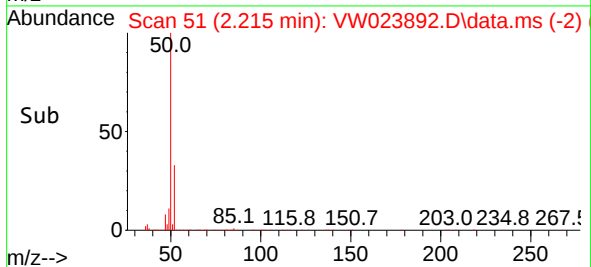
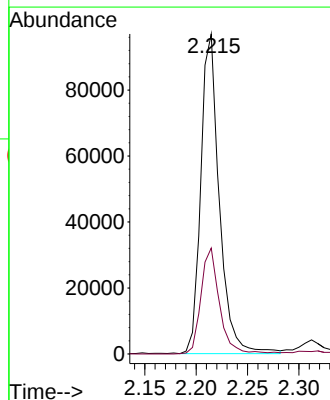
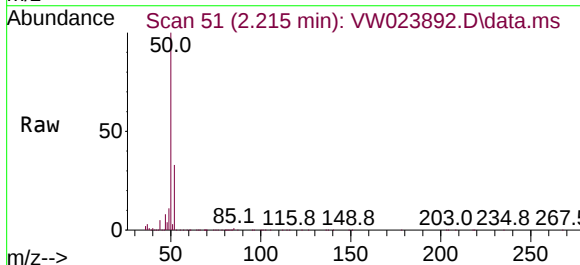
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MSVOA_W
ClientSampleId :
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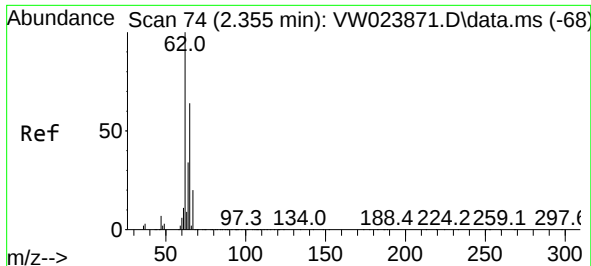
Tgt Ion: 85 Resp: 71768
Ion Ratio Lower Upper
85 100
87 33.8 24.7 37.1



#3
Chloromethane
Concen: 24.771 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 50 Resp: 121775
Ion Ratio Lower Upper
50 100
52 33.1 23.7 44.1

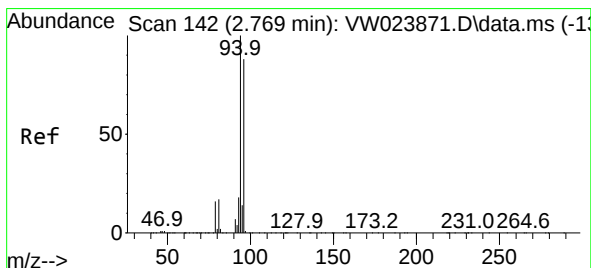
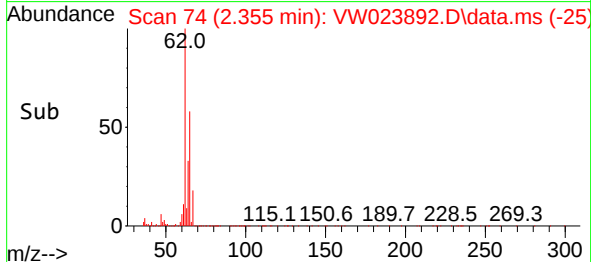
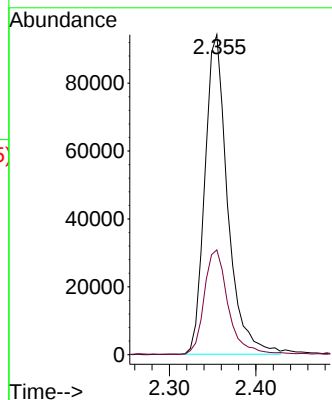
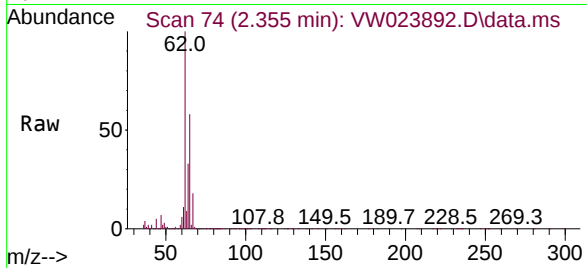




#5
 Vinyl chloride
 Concen: 20.391 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023892.D
 Acq: 19 Jul 2022 18:23

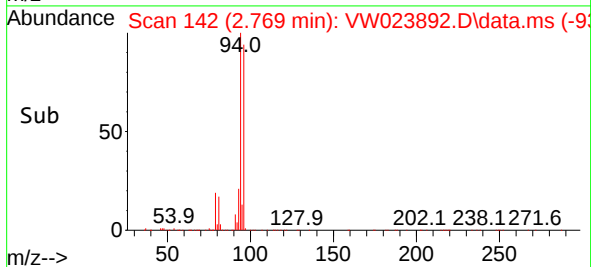
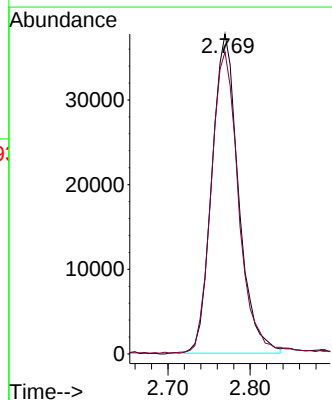
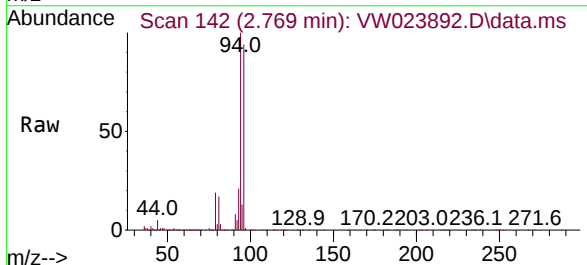
Instrument :
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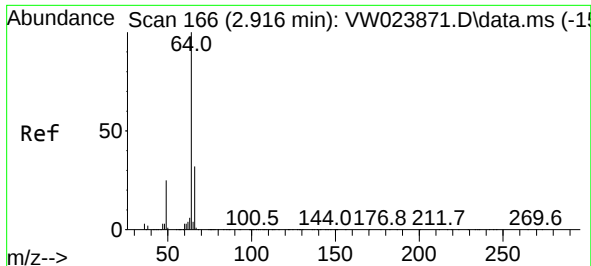
Tgt Ion: 62 Resp: 172138
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.0 44.6



#6
 Bromomethane
 Concen: 15.494 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023892.D
 Acq: 19 Jul 2022 18:23

Tgt Ion: 94 Resp: 84600
 Ion Ratio Lower Upper
 94 100
 96 94.3 68.2 126.6

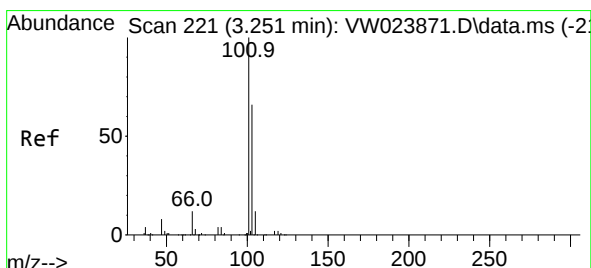
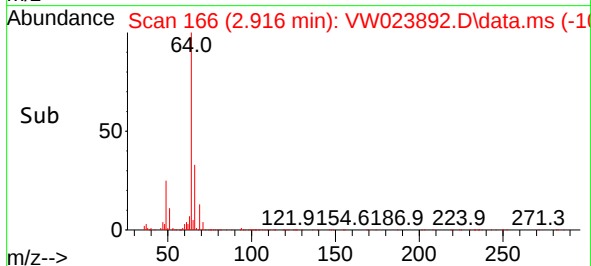
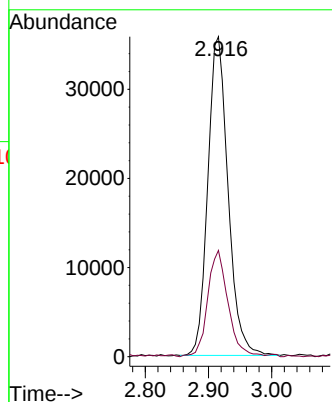
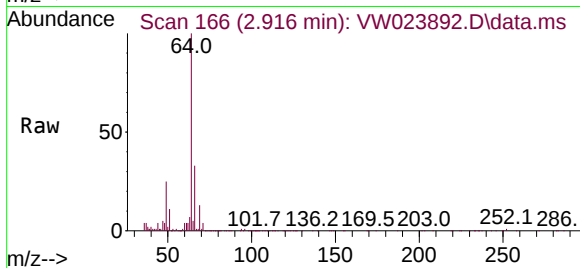




#8
Chloroethane
Concen: 20.195 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

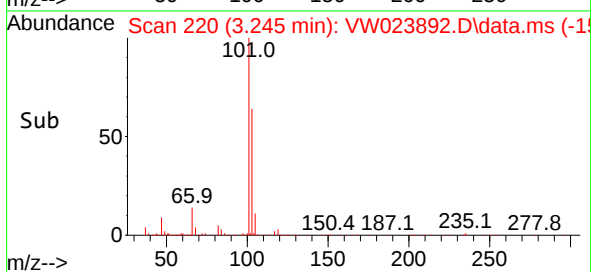
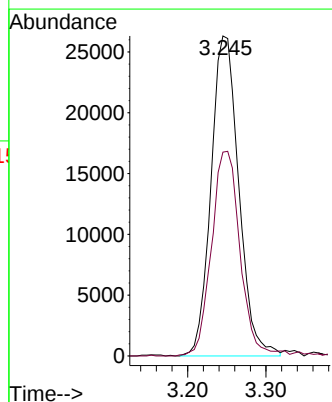
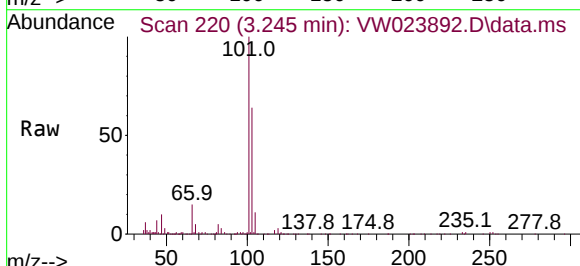
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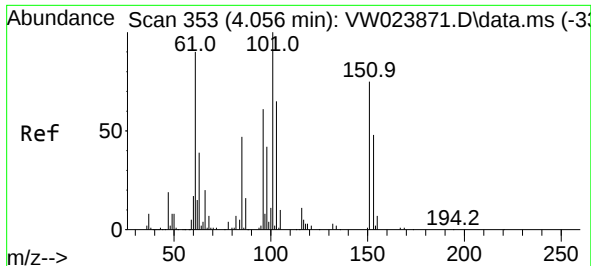
Tgt Ion: 64 Resp: 79757
Ion Ratio Lower Upper
64 100
66 33.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 16.895 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 101 Resp: 64832
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

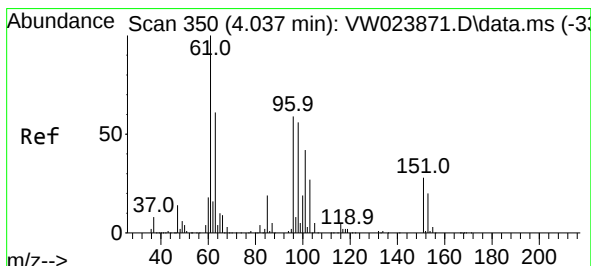
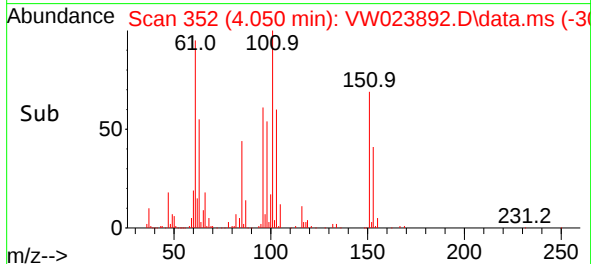
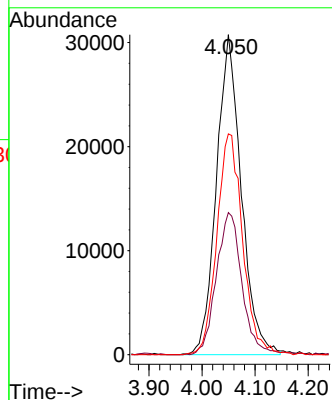
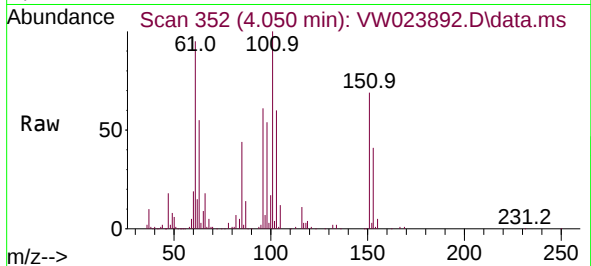




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.639 ug/L
RT: 4.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

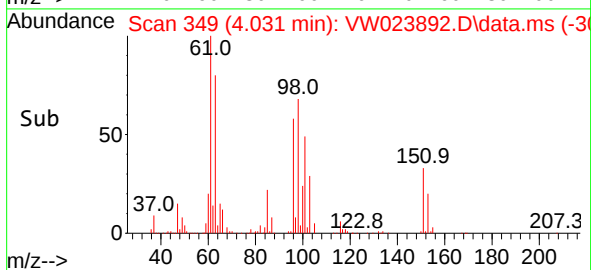
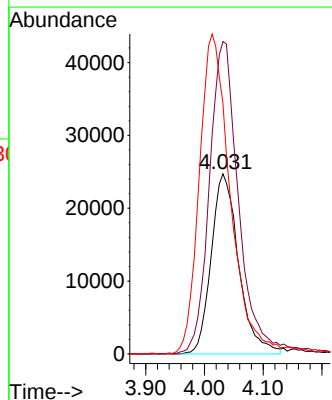
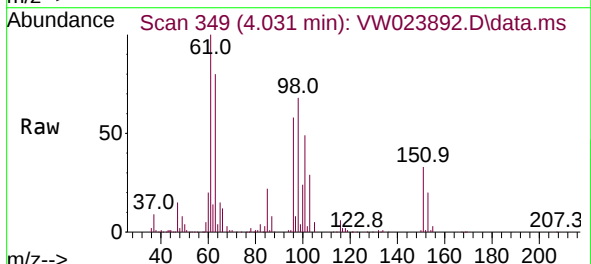
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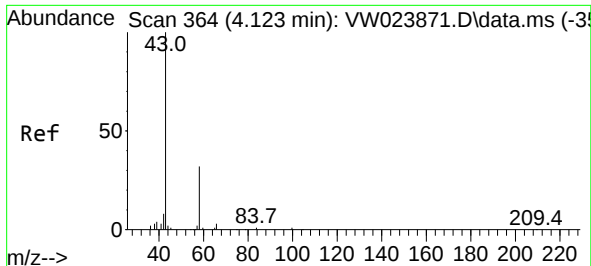
Tgt Ion:101 Resp: 100039
Ion Ratio Lower Upper
101 100
85 45.6 37.6 56.4
151 71.4 57.6 86.4



#12
1,1-Dichloroethene
Concen: 25.634 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 96 Resp: 80270
Ion Ratio Lower Upper
96 100
61 173.5 125.4 232.8
63 139.4 97.4 180.8

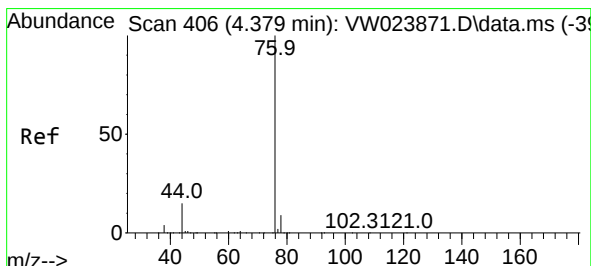
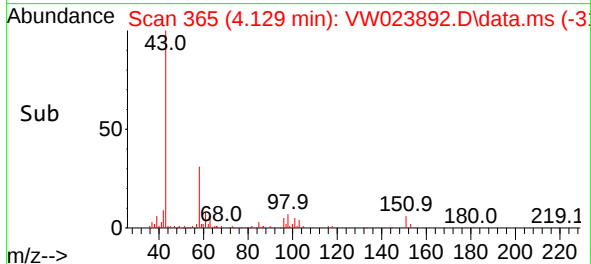
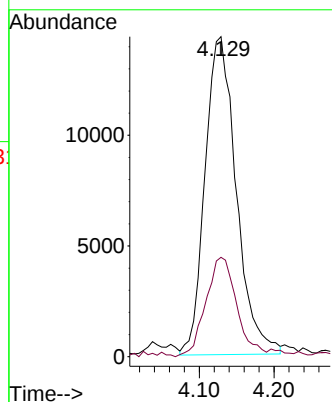
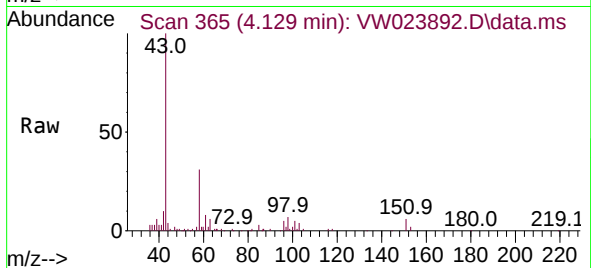




#13
Acetone
Concen: 50.541 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

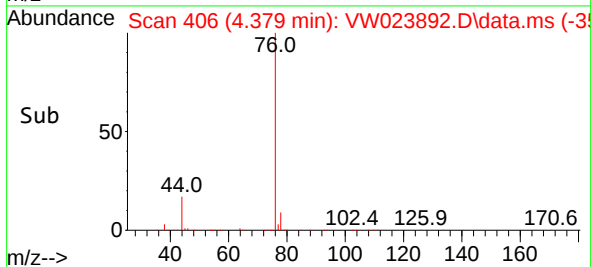
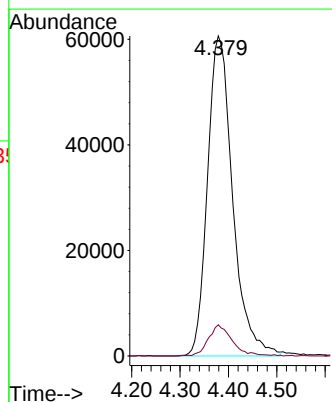
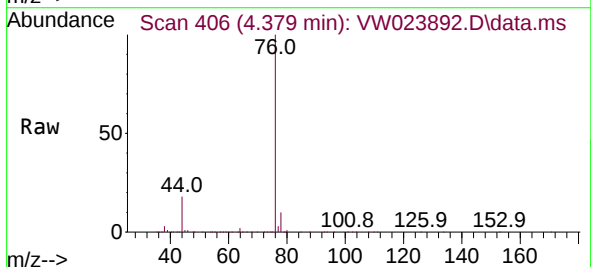
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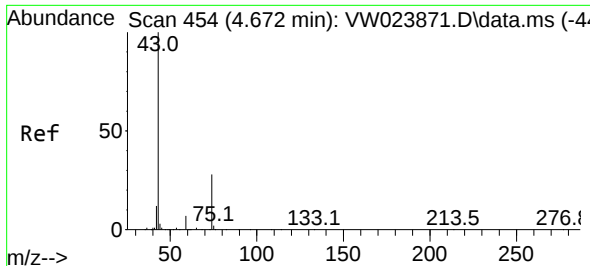
Tgt Ion: 43 Resp: 41818
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.2



#14
Carbon disulfide
Concen: 23.821 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 219428
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

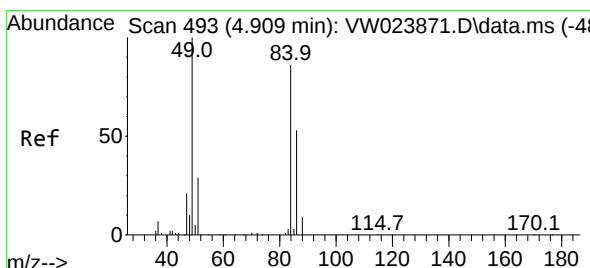
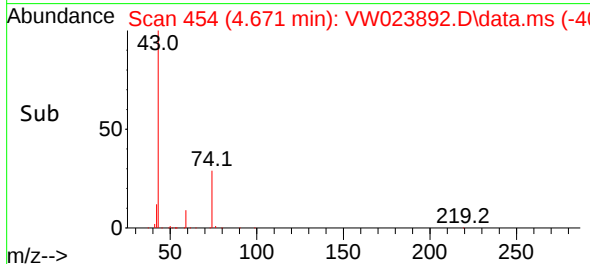
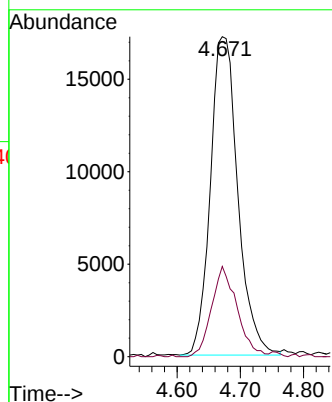
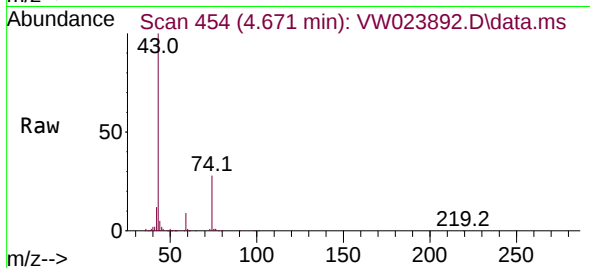




#15
Methyl Acetate
Concen: 28.036 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

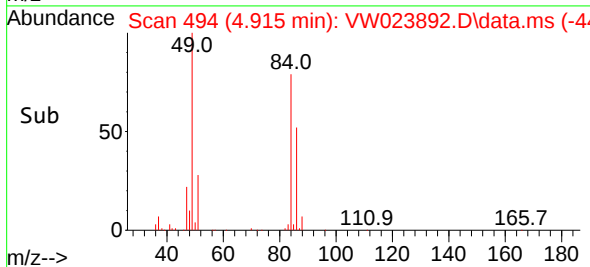
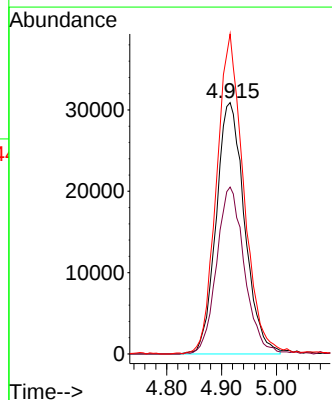
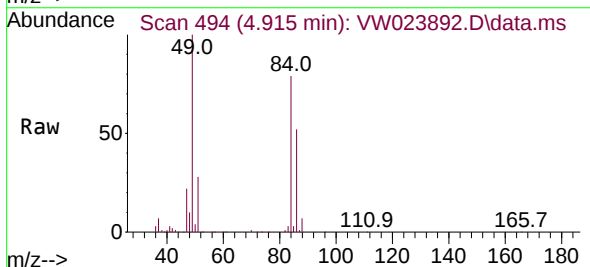
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

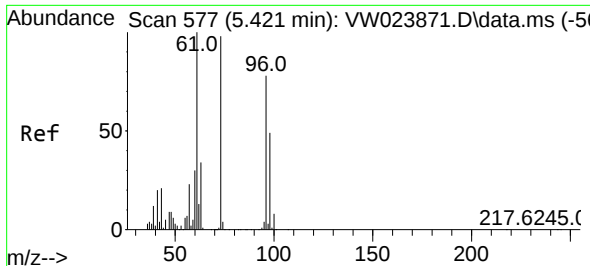
Tgt Ion: 43 Resp: 51917
Ion Ratio Lower Upper
43 100
74 26.3 20.0 30.0



#16
Methylene chloride
Concen: 23.996 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 84 Resp: 110844
Ion Ratio Lower Upper
84 100
86 66.4 42.8 79.6
49 127.3 85.4 158.6

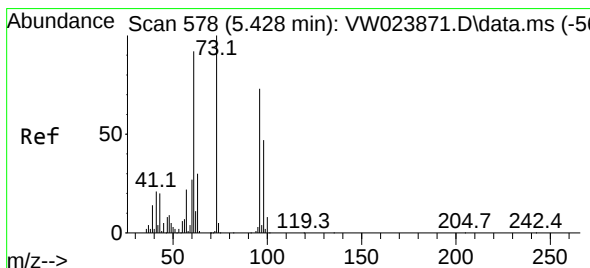
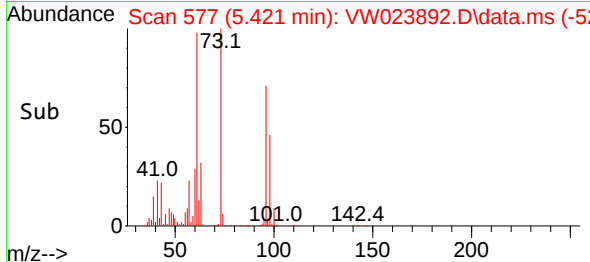
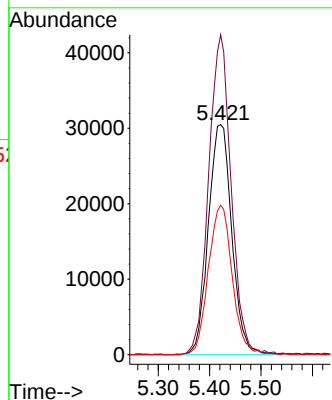
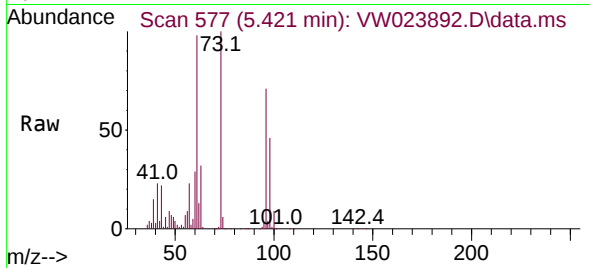




#17
trans-1,2-Dichloroethene
Concen: 25.417 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

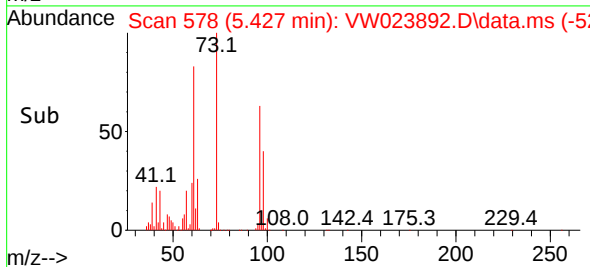
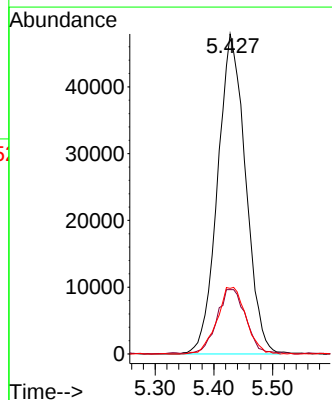
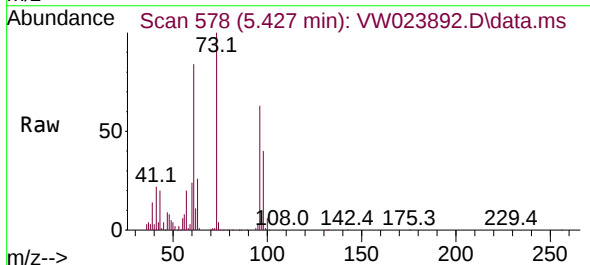
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

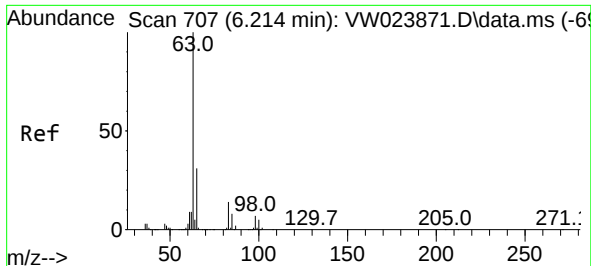
Tgt Ion: 96 Resp: 96567
Ion Ratio Lower Upper
96 100
61 139.1 90.8 168.6
98 65.0 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 26.930 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 73 Resp: 158290
Ion Ratio Lower Upper
73 100
43 20.3 17.6 26.4
57 21.3 16.8 25.2

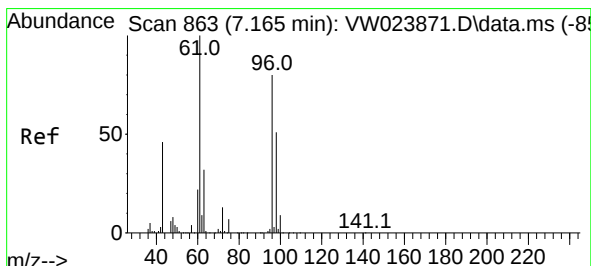
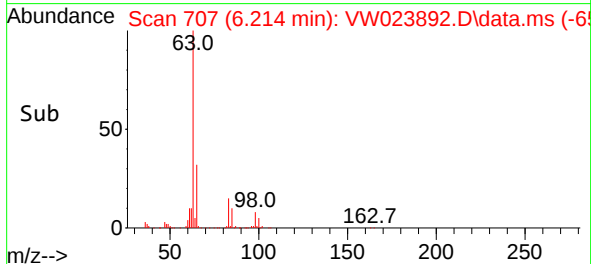
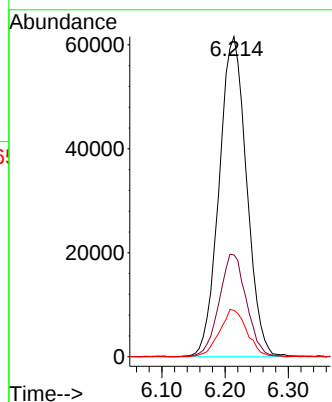
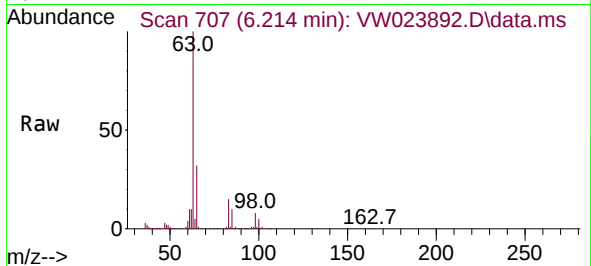




#19
1,1-Dichloroethane
Concen: 26.464 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

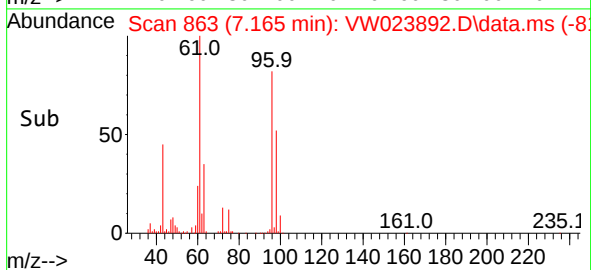
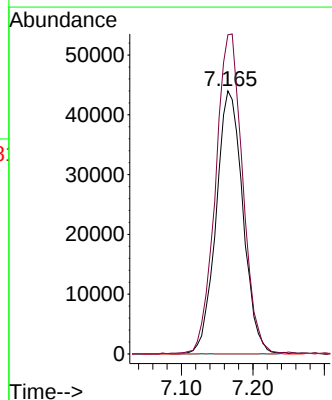
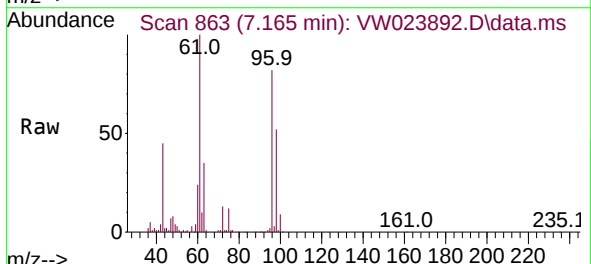
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

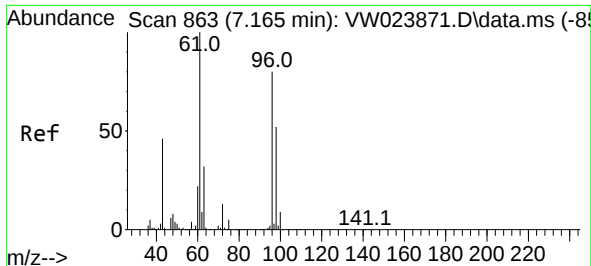
Tgt Ion: 63 Resp: 185471
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.1
83 14.5 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 27.182 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 96 Resp: 114413
Ion Ratio Lower Upper
96 100
61 121.3 90.6 168.2
68 0.0 0.2 0.4

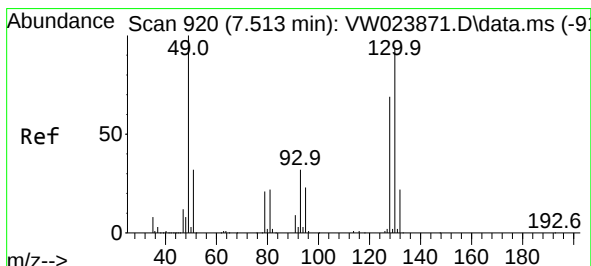
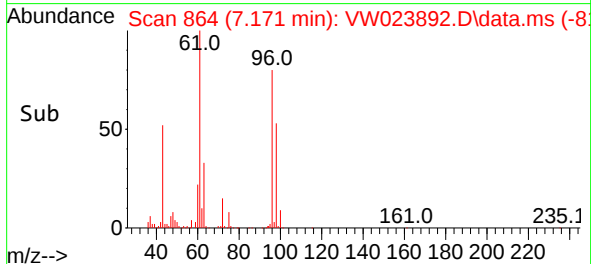
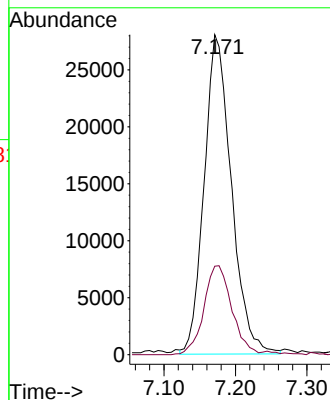
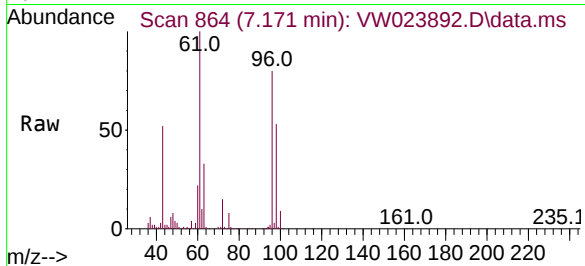




#22
2-Butanone
Concen: 54.503 ug/L
RT: 7.171 min Scan# 863
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

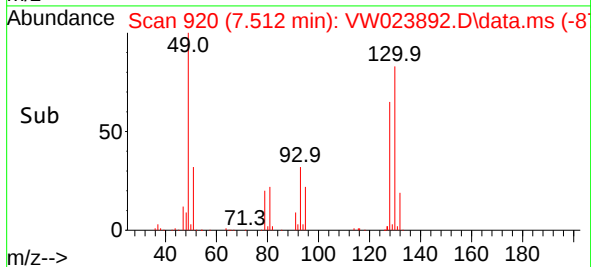
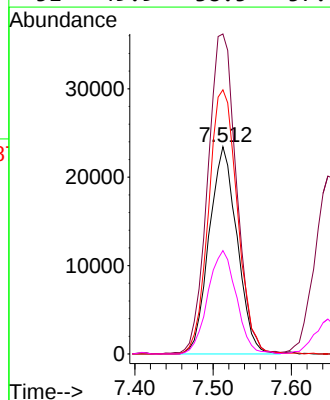
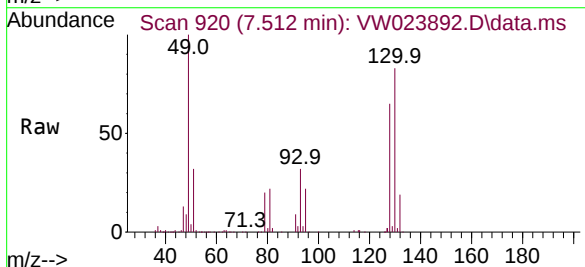
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

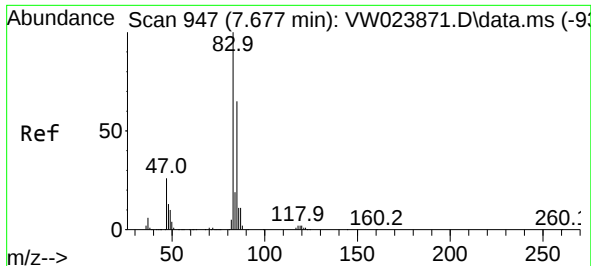
Tgt Ion: 43 Resp: 74110
Ion Ratio Lower Upper
43 100
72 28.5 14.7 44.1



#23
Bromochloromethane
Concen: 28.729 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 128 Resp: 58090
Ion Ratio Lower Upper
128 100
49 154.4 106.0 196.8
130 127.5 83.2 154.4
51 49.9 38.5 57.7





#25

Chloroform

Concen: 26.633 ug/L

RT: 7.671 min Scan# 947

Delta R.T. -0.006 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

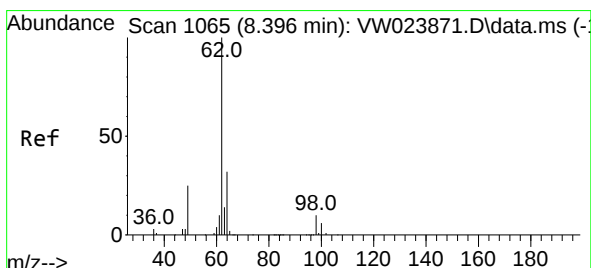
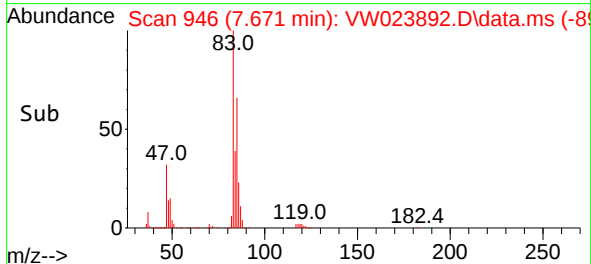
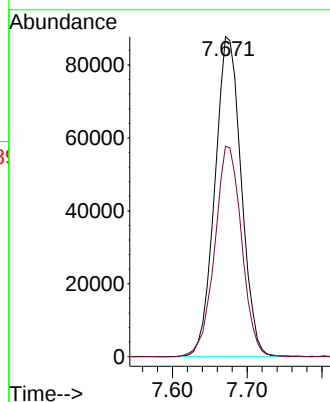
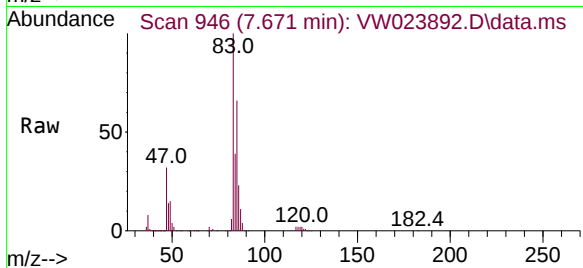
VSTD025496

Tgt Ion: 83 Resp: 215028

Ion Ratio Lower Upper

83 100

85 65.8 41.9 77.9



#27

1,2-Dichloroethane

Concen: 25.174 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW023892.D

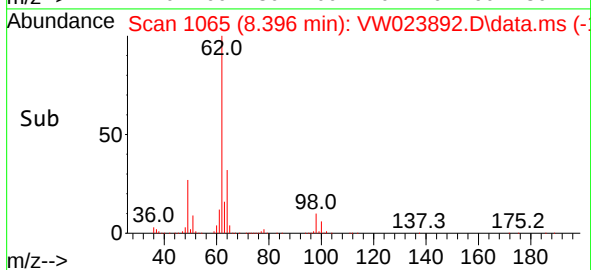
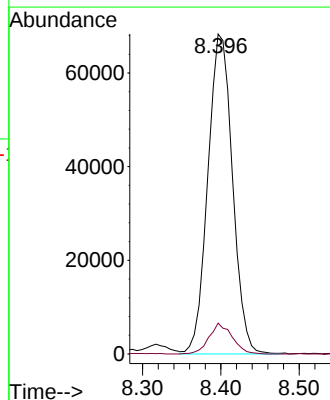
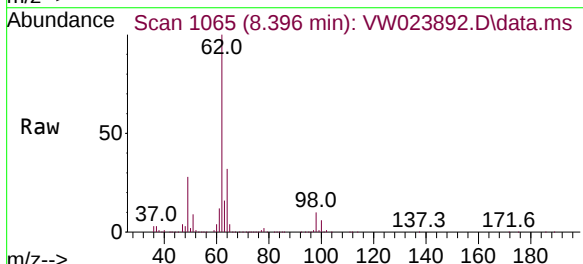
Acq: 19 Jul 2022 18:23

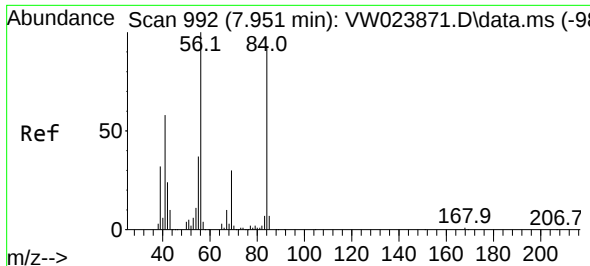
Tgt Ion: 62 Resp: 149590

Ion Ratio Lower Upper

62 100

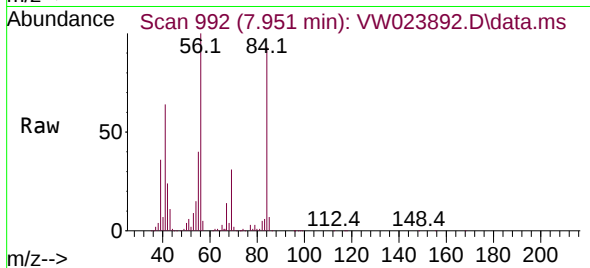
98 9.7 7.2 10.8



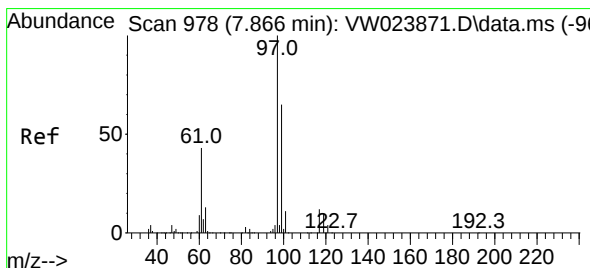
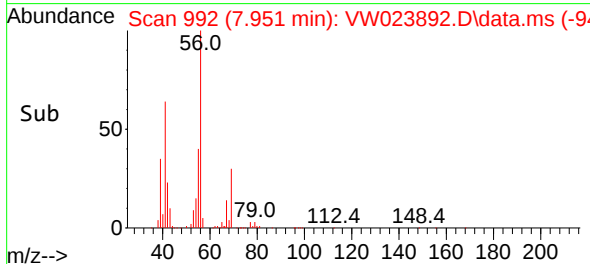
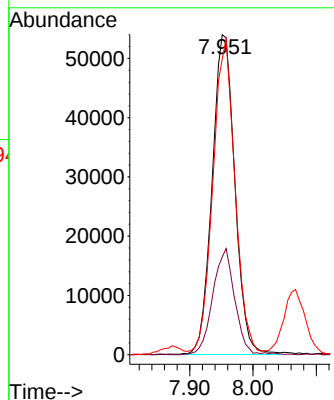


#29
Cyclohexane
Concen: 25.821 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

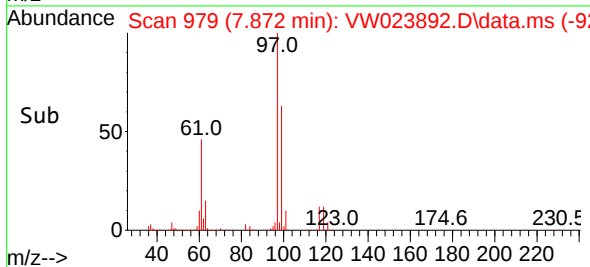
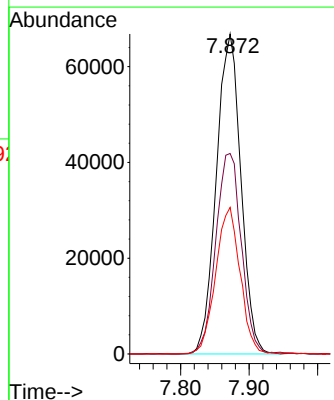
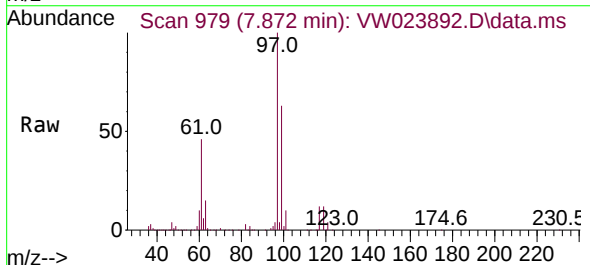


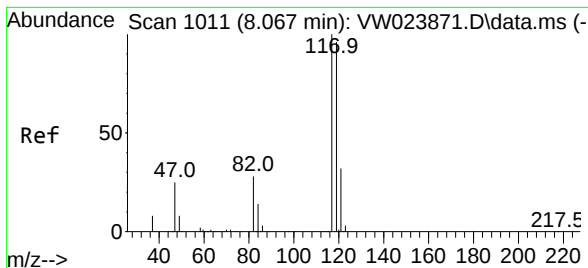
Tgt Ion:	56	Resp:	134668
Ion Ratio	Lower	Upper	
56	100		
69	31.7	25.4	38.0
84	96.1	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 26.991 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion:	97	Resp:	166654
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.0	76.6
61	45.2	37.5	56.3

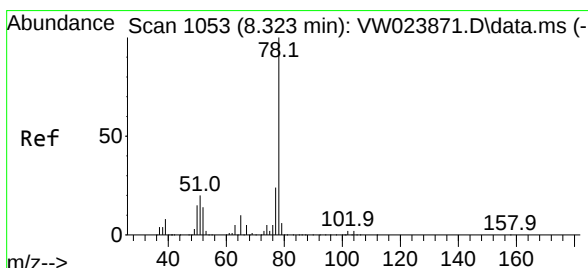
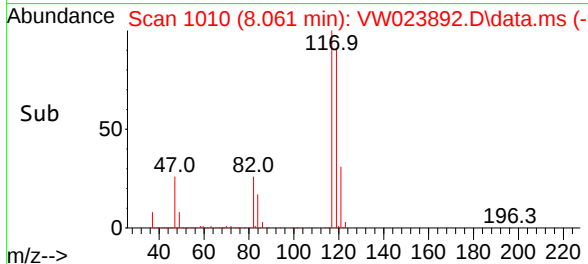
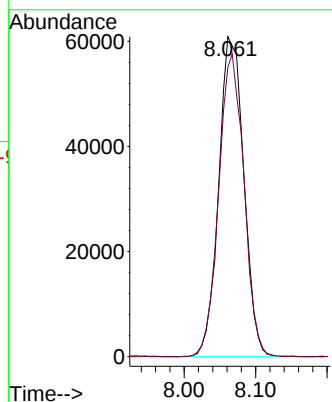
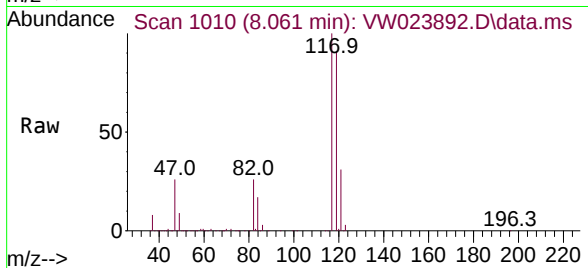




#31
Carbon tetrachloride
Concen: 26.646 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

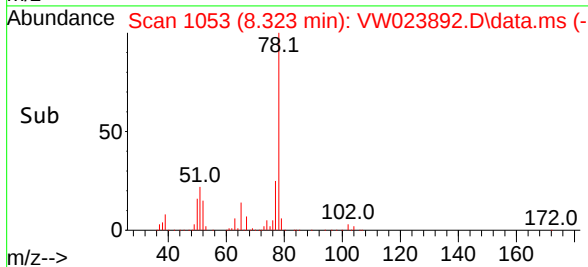
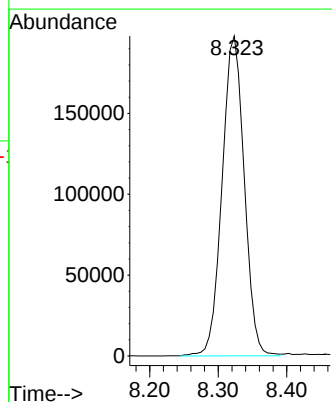
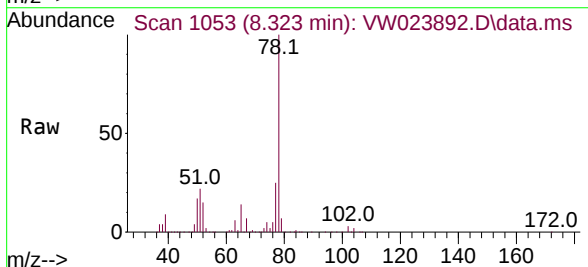
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

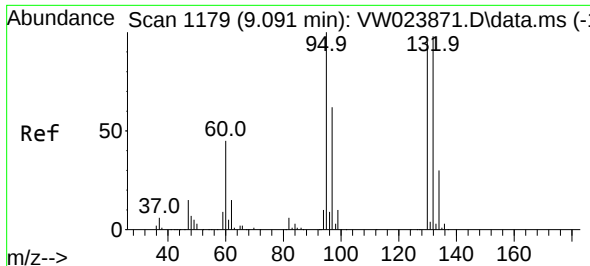
Tgt Ion:117 Resp: 148307
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 27.345 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 78 Resp: 443134

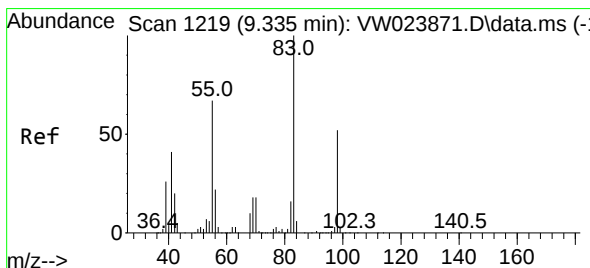
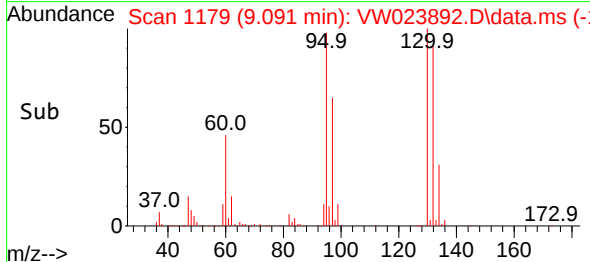
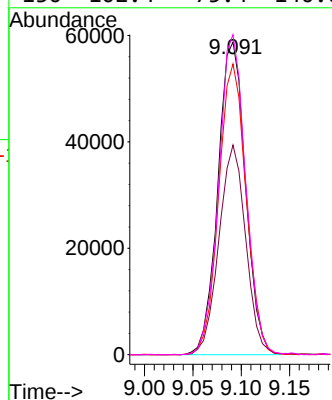
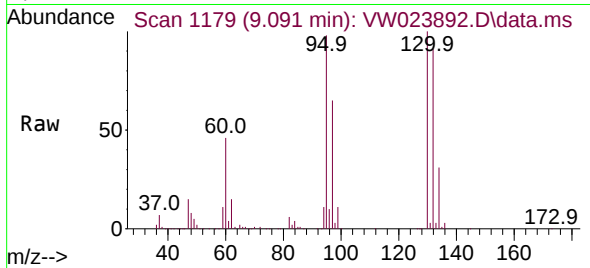




#34
Trichloroethene
Concen: 27.170 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

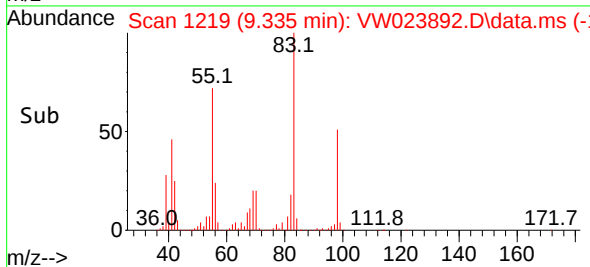
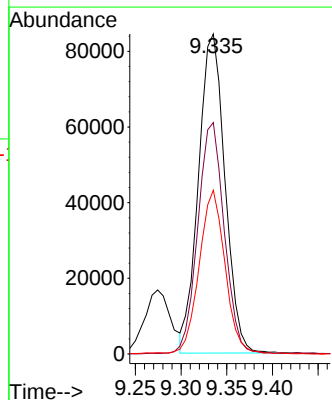
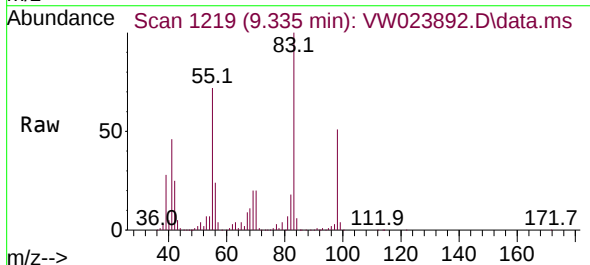
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

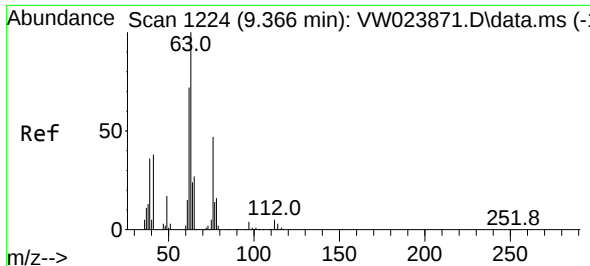
Tgt Ion: 95 Resp: 116266
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.8
132 93.0 69.9 129.7
130 102.4 75.4 140.0



#35
Methylcyclohexane
Concen: 26.066 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 83 Resp: 169848
Ion Ratio Lower Upper
83 100
55 72.7 60.8 91.2
98 50.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 28.049 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

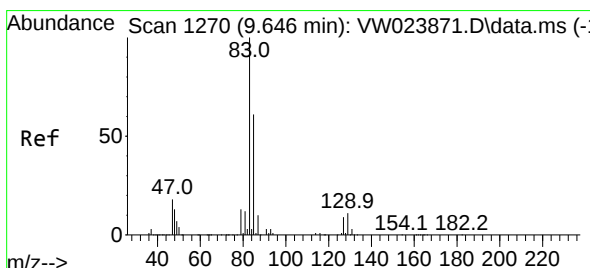
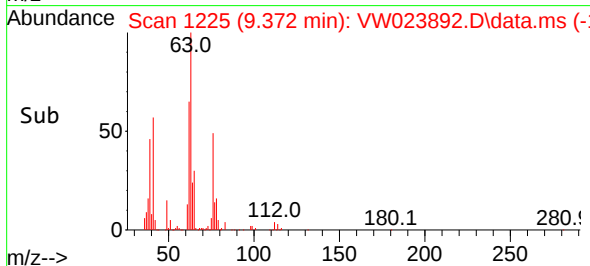
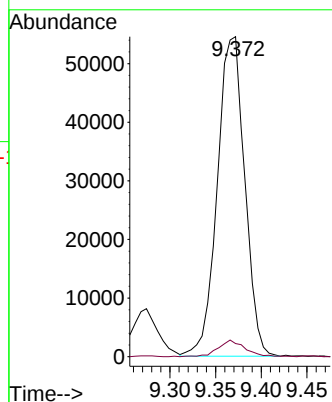
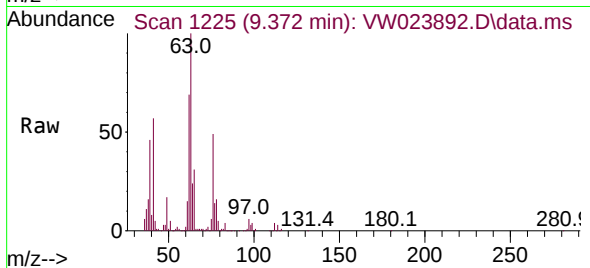
VSTD025496

Tgt Ion: 63 Resp: 113954

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 28.886 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

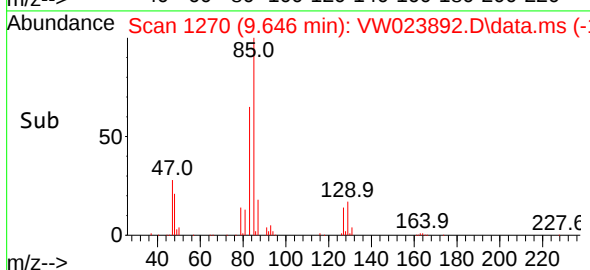
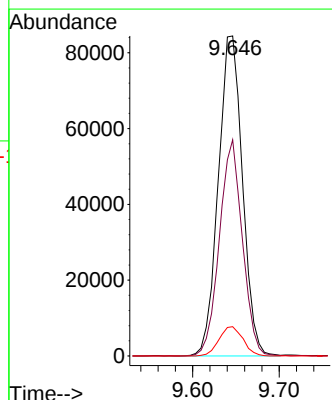
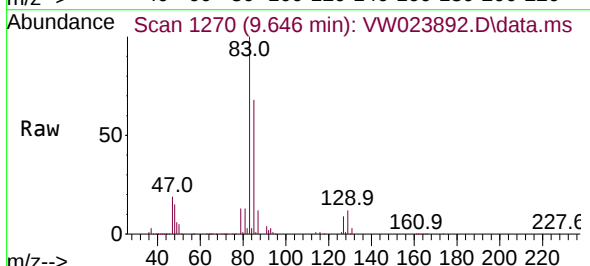
Tgt Ion: 83 Resp: 163787

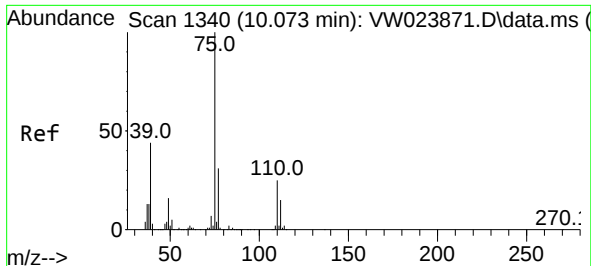
Ion Ratio Lower Upper

83 100

85 67.6 45.5 84.5

127 9.2 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 27.216 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

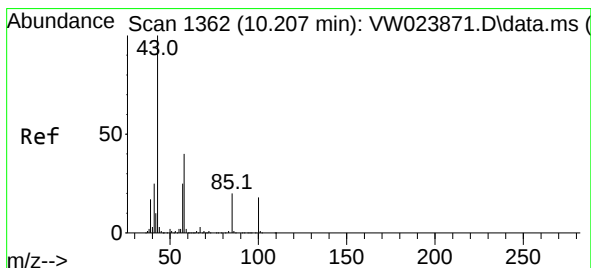
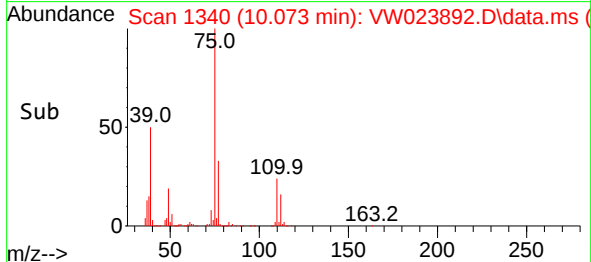
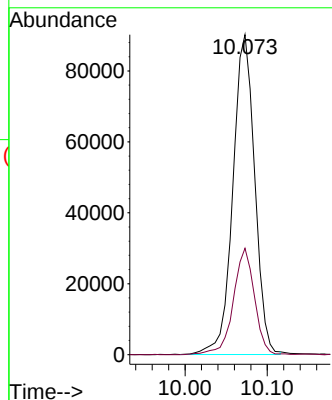
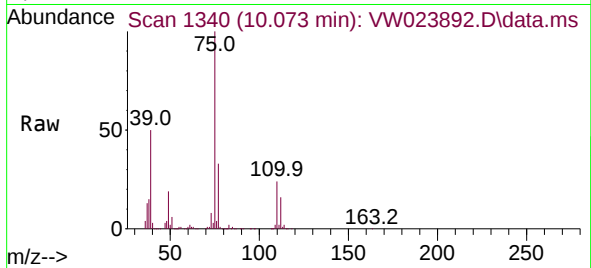
VSTD025496

Tgt Ion: 75 Resp: 166655

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.896 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

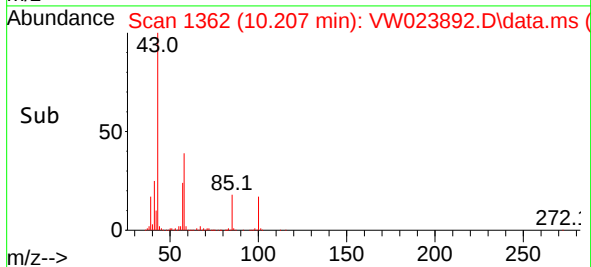
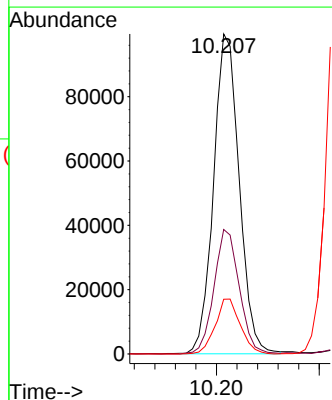
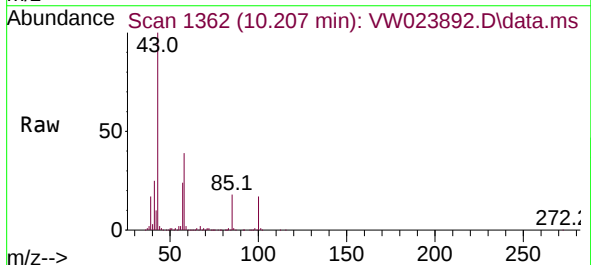
Tgt Ion: 43 Resp: 172157

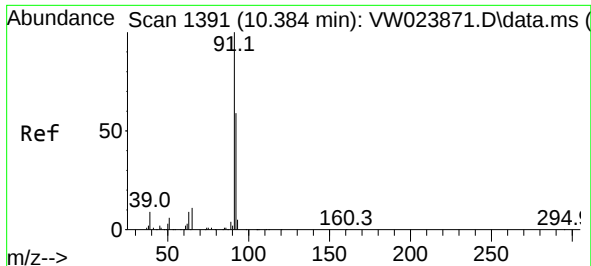
Ion Ratio Lower Upper

43 100

58 38.3 29.8 44.8

100 16.7 13.0 19.4

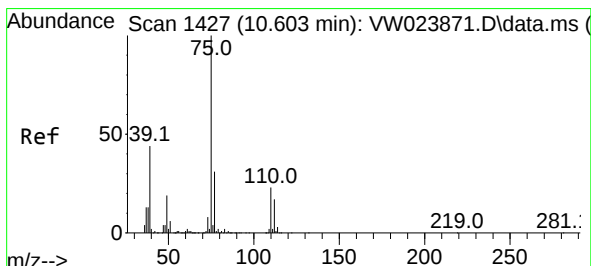
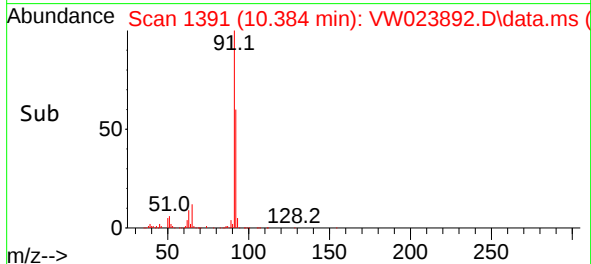
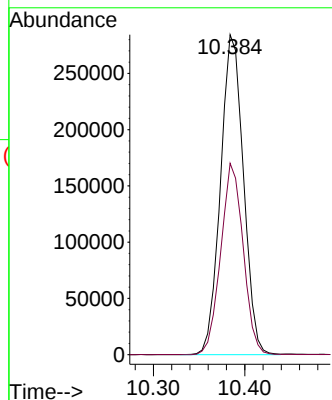
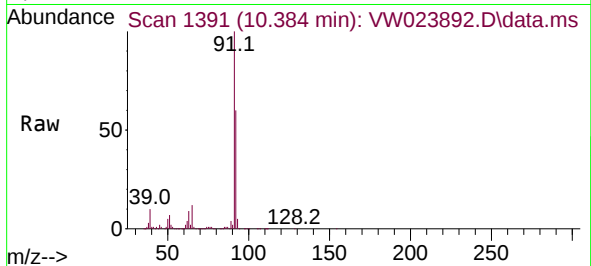




#42
Toluene
Concen: 26.872 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

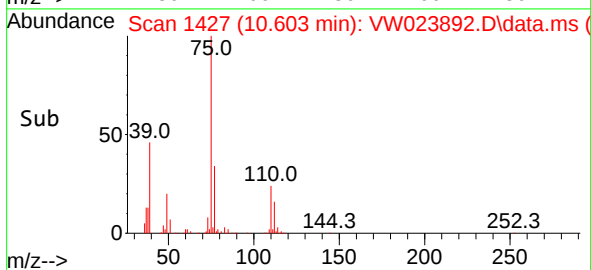
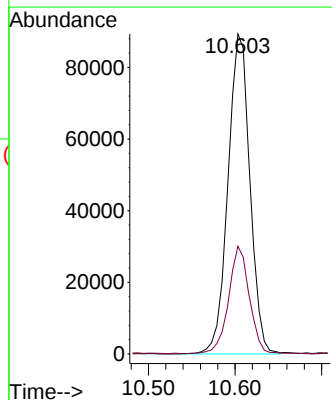
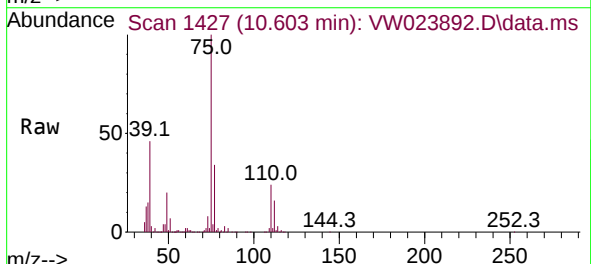
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

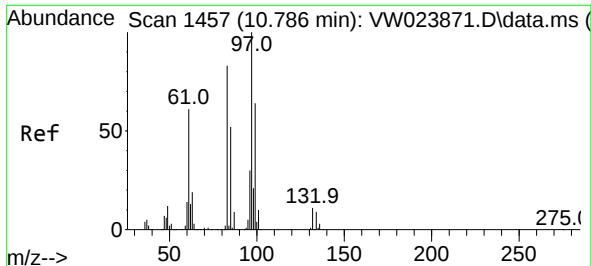
Tgt Ion: 91 Resp: 496620
Ion Ratio Lower Upper
91 100
92 59.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 26.966 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 75 Resp: 156944
Ion Ratio Lower Upper
75 100
77 33.7 22.0 41.0

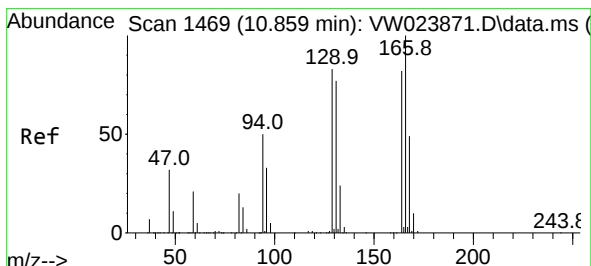
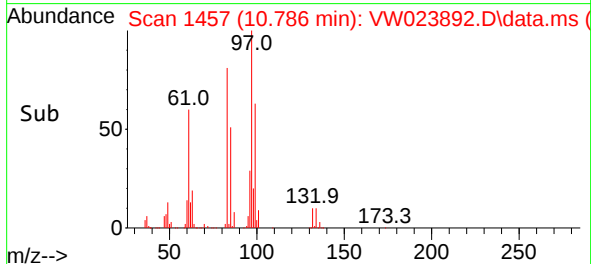
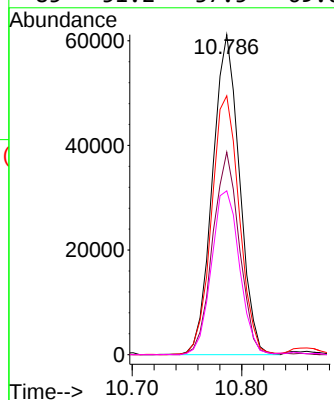
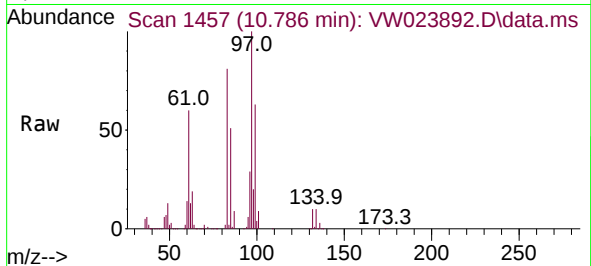




#45
1,1,2-Trichloroethane
Concen: 29.458 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

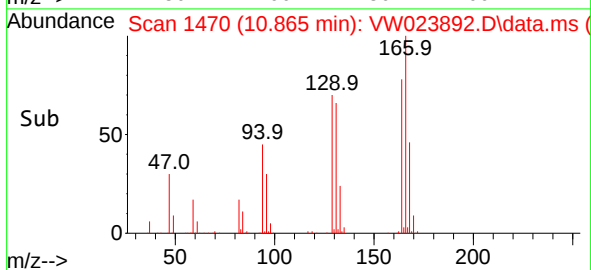
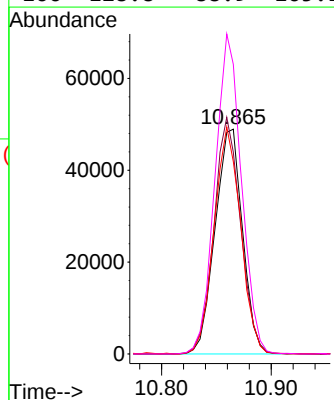
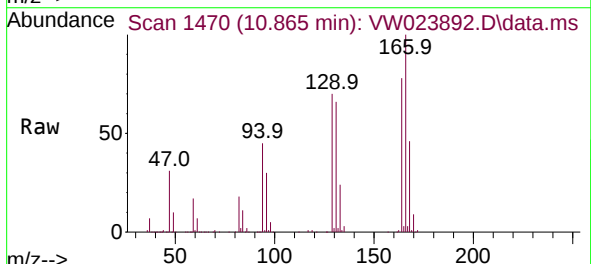
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

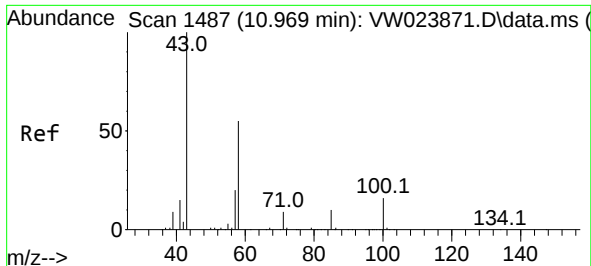
Tgt Ion: 97	Resp: 104644
Ion Ratio	Lower Upper
97 100	
99 63.3	44.2 82.2
83 80.9	59.8 111.0
85 51.2	37.5 69.6



#46
Tetrachloroethene
Concen: 25.732 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt	Ion:164	Resp:	85144
Ion	Ratio	Lower	Upper
164	100		
129	89.8	72.4	134.5
131	85.6	67.8	125.8
166	128.8	88.9	165.1

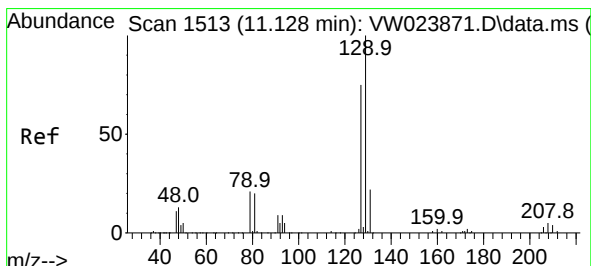
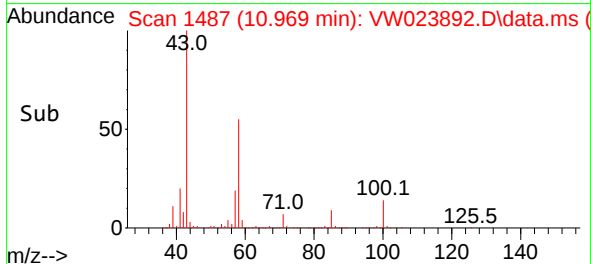
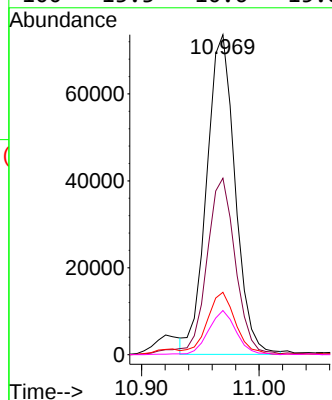
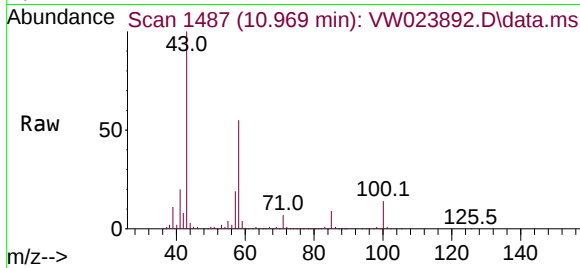




#48
2-Hexanone
Concen: 60.306 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

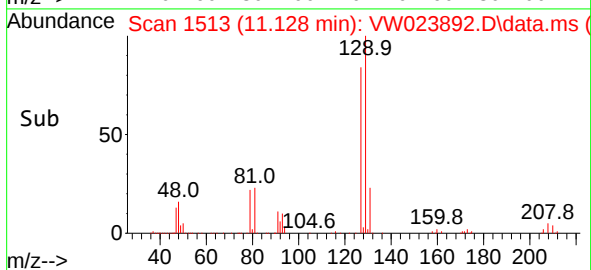
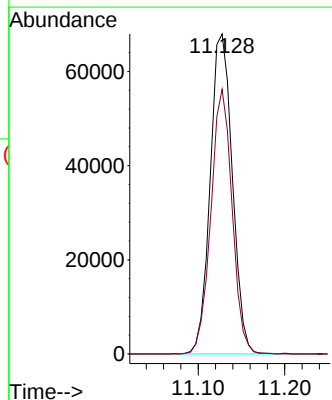
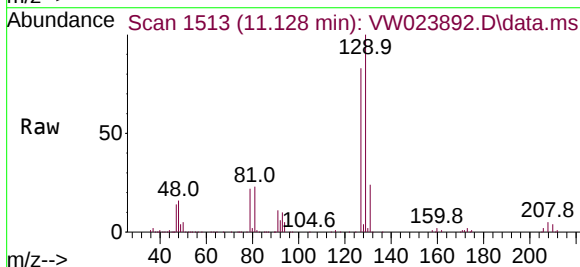
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

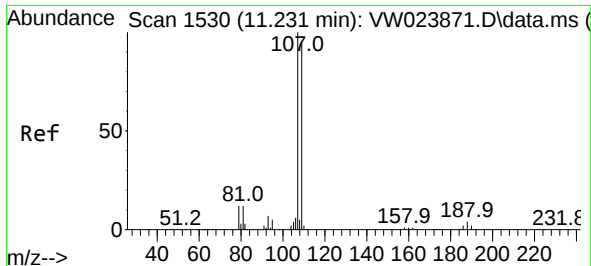
Tgt Ion:	43	Resp:	124129
Ion	Ratio	Lower	Upper
43	100		
58	56.2	41.6	62.4
57	19.2	14.6	21.8
100	13.3	10.6	15.8



#49
Dibromochloromethane
Concen: 29.299 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion:	129	Resp:	120699
Ion	Ratio	Lower	Upper
129	100		
127	82.7	53.7	99.7

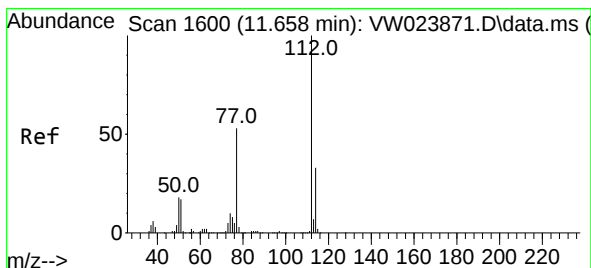
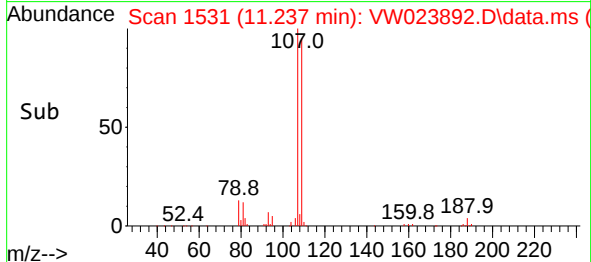
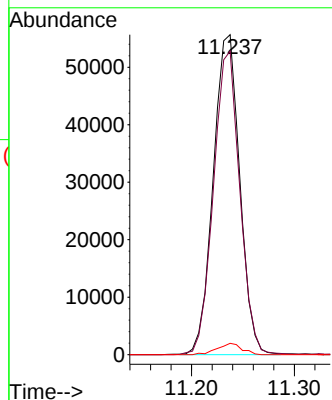
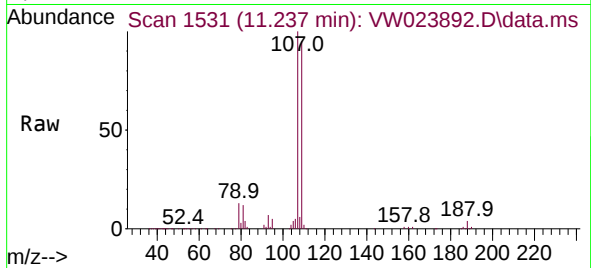




#50
1,2-Dibromoethane
Concen: 29.200 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

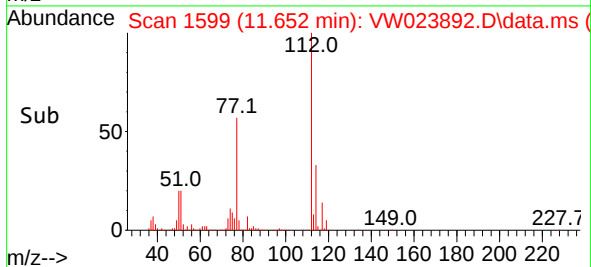
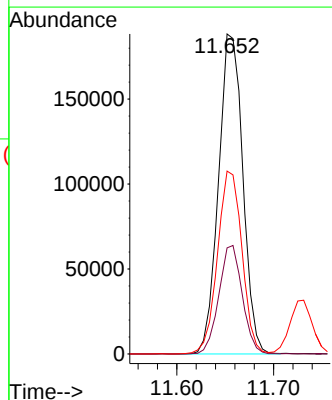
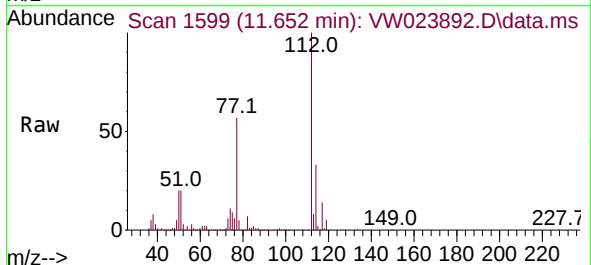
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

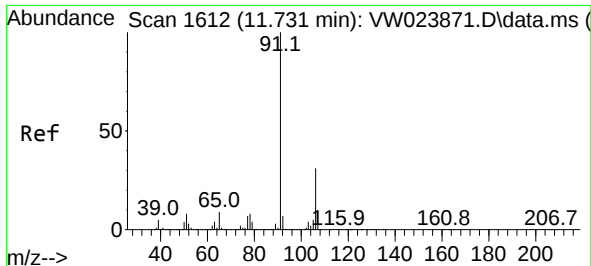
Tgt Ion:107 Resp: 99654
Ion Ratio Lower Upper
107 100
109 94.9 62.4 116.0
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 26.362 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion:112 Resp: 328583
Ion Ratio Lower Upper
112 100
114 33.2 21.1 39.3
77 57.1 46.6 69.8

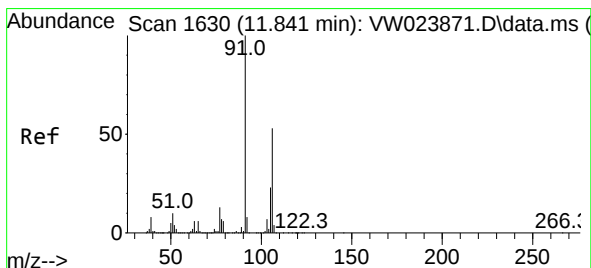
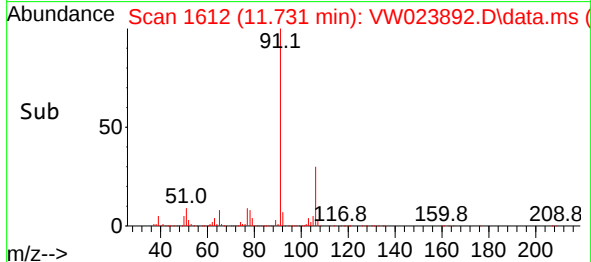
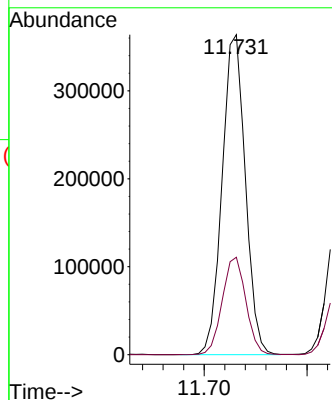
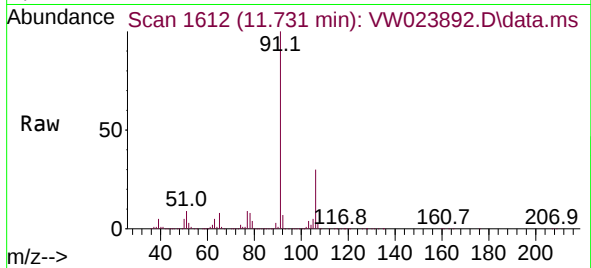




#52
Ethylbenzene
Concen: 27.166 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

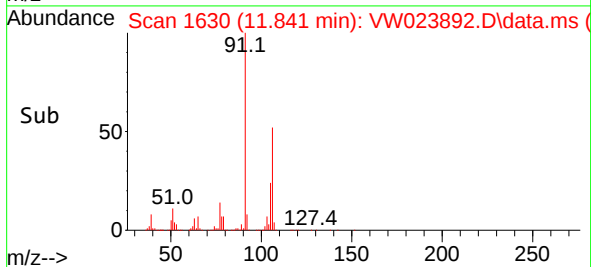
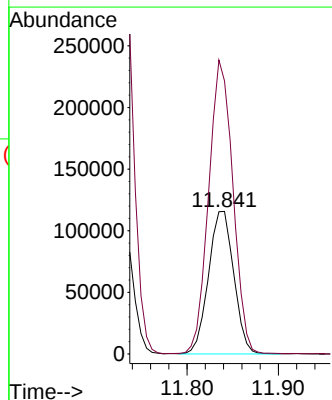
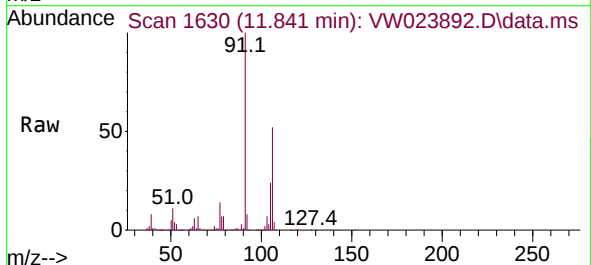
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

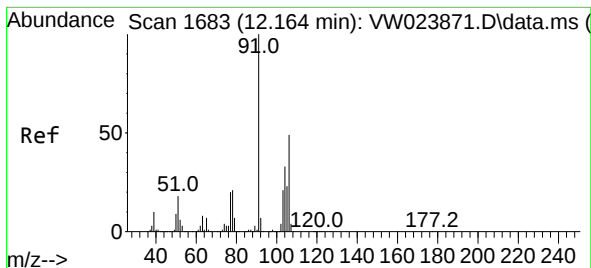
Tgt Ion: 91 Resp: 570521
Ion Ratio Lower Upper
91 100
106 30.5 22.5 41.9



#53
m,p-Xylene
Concen: 27.170 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion: 106 Resp: 222627
Ion Ratio Lower Upper
106 100
91 191.5 142.8 265.2

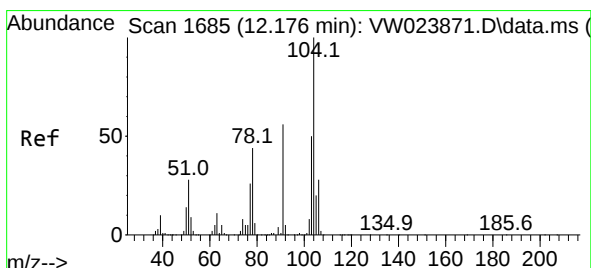
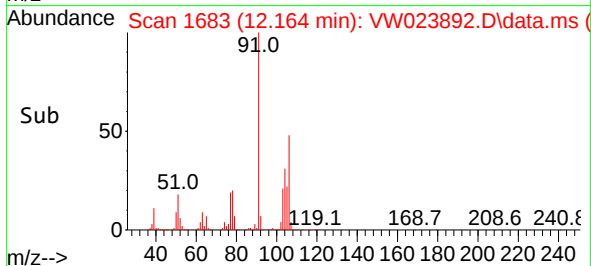
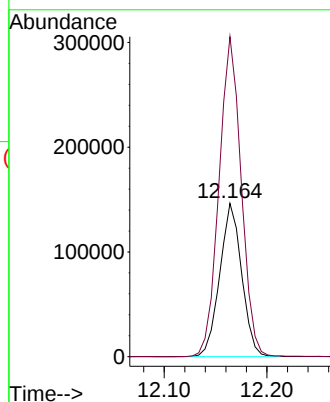
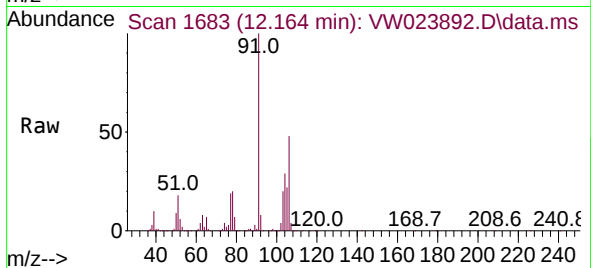




#54
o-Xylene
Concen: 27.526 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

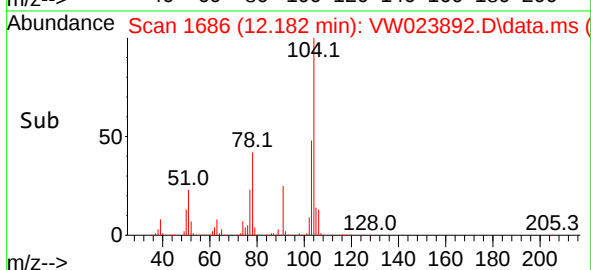
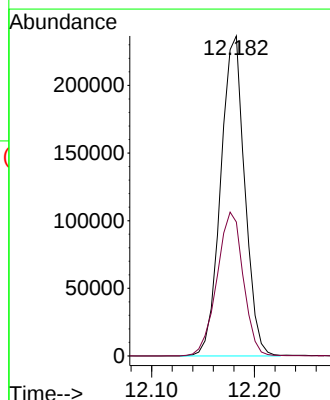
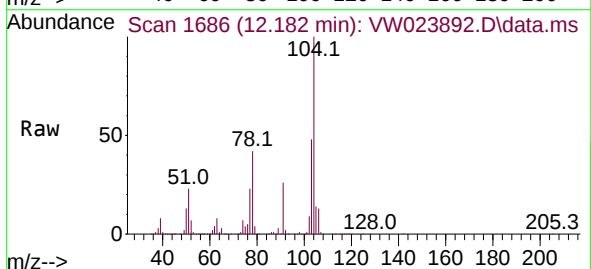
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

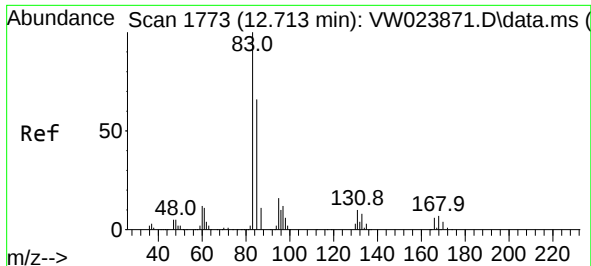
Tgt Ion:106 Resp: 216602
Ion Ratio Lower Upper
106 100
91 208.7 149.6 277.8



#55
Styrene
Concen: 27.608 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion:104 Resp: 383800
Ion Ratio Lower Upper
104 100
78 41.8 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.739 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

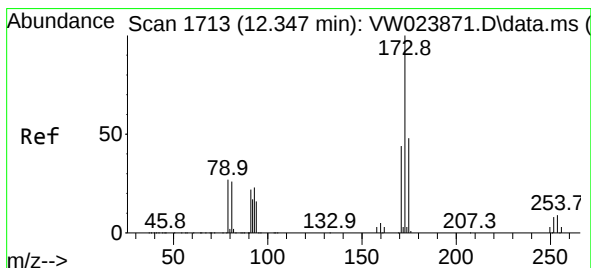
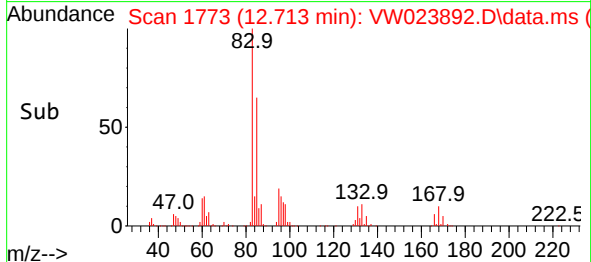
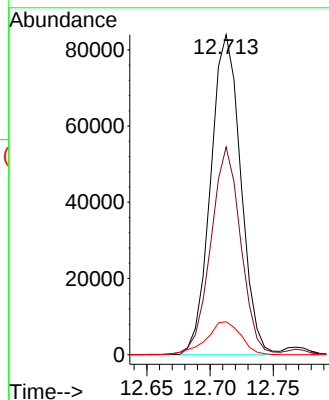
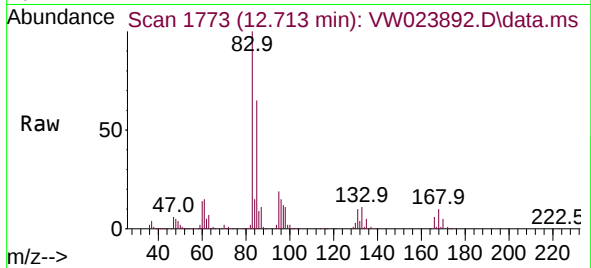
Tgt Ion: 83 Resp: 139256

Ion Ratio Lower Upper

83 100

85 64.9 46.5 86.3

131 10.3 7.4 11.0



#59

Bromoform

Concen: 28.888 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

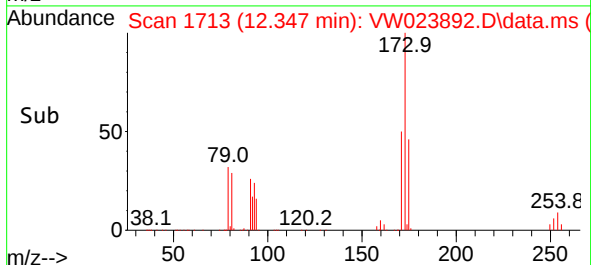
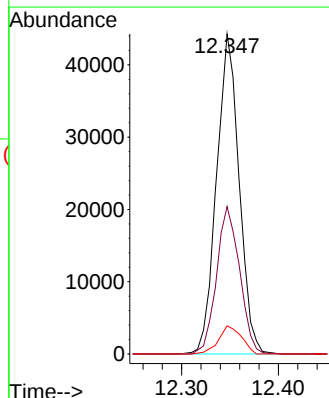
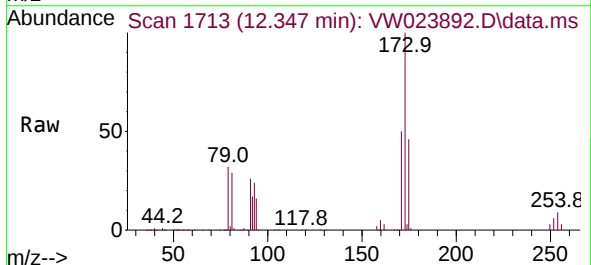
Tgt Ion:173 Resp: 71740

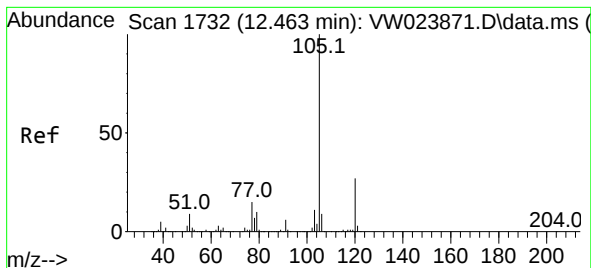
Ion Ratio Lower Upper

173 100

175 47.0 38.9 58.3

254 8.9 5.9 8.9#





#60

Isopropylbenzene

Concen: 25.536 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

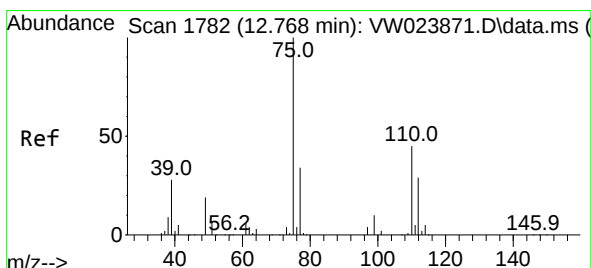
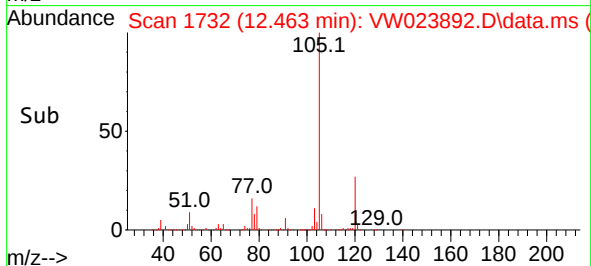
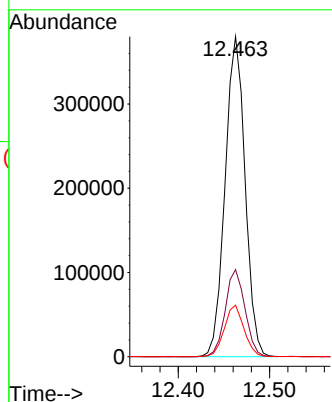
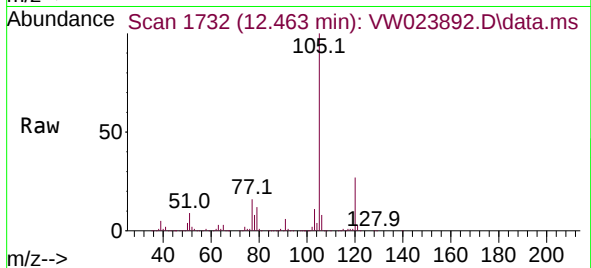
Tgt Ion:105 Resp: 577716

Ion Ratio Lower Upper

105 100

120 26.9 20.7 31.1

77 15.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 26.216 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

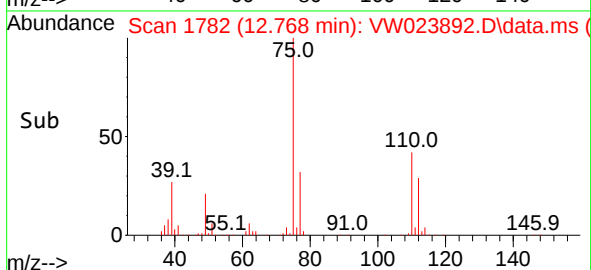
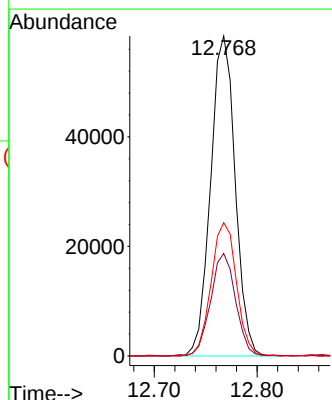
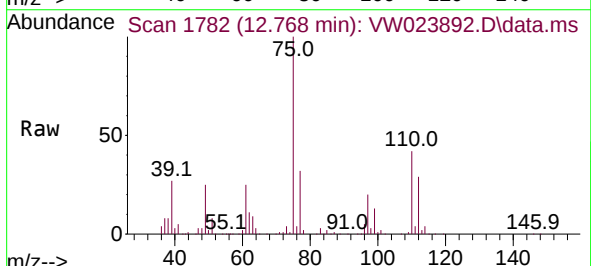
Tgt Ion: 75 Resp: 96811

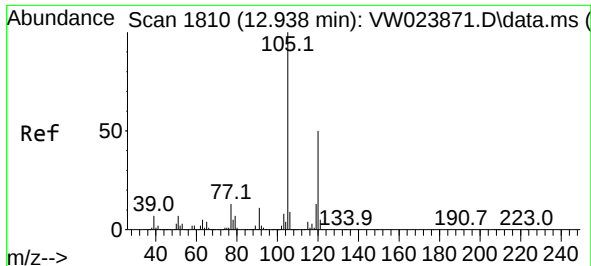
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

110 42.9 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 26.127 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

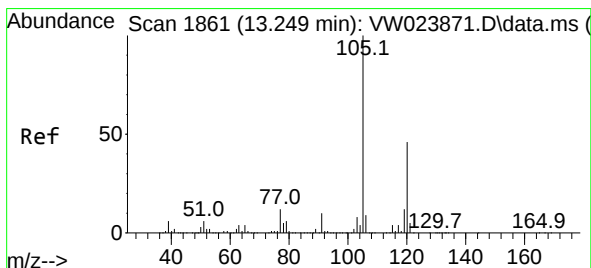
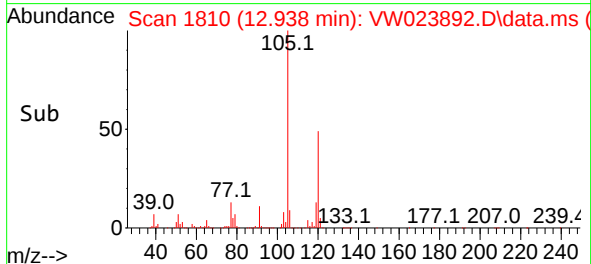
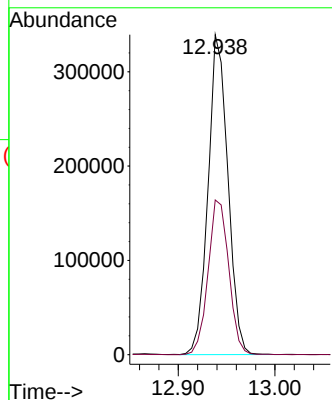
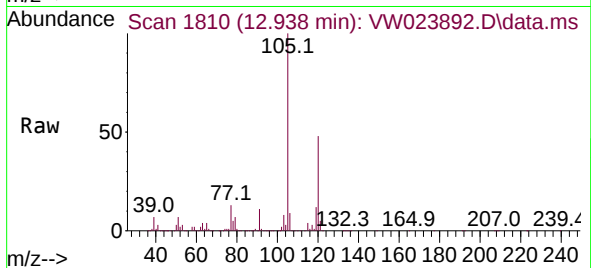
VSTD025496

Tgt Ion:105 Resp: 483928

Ion Ratio Lower Upper

105 100

120 50.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.490 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023892.D

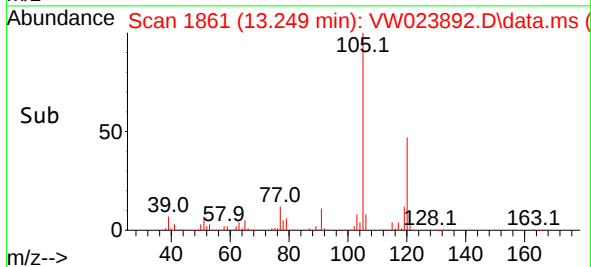
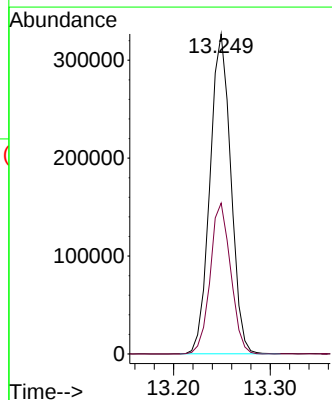
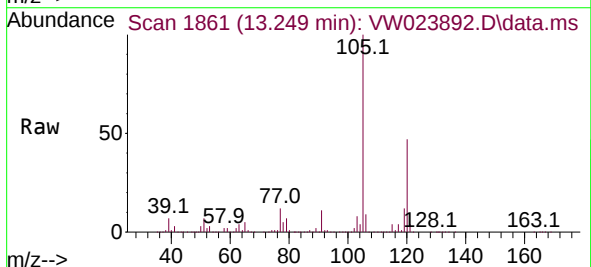
Acq: 19 Jul 2022 18:23

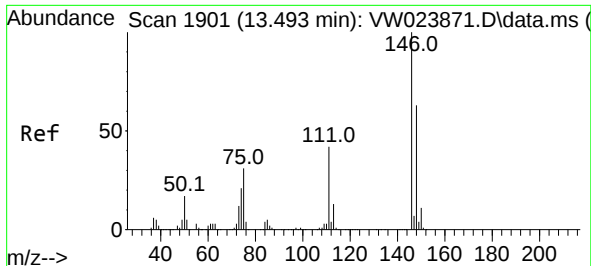
Tgt Ion:105 Resp: 490541

Ion Ratio Lower Upper

105 100

120 46.2 35.5 53.3

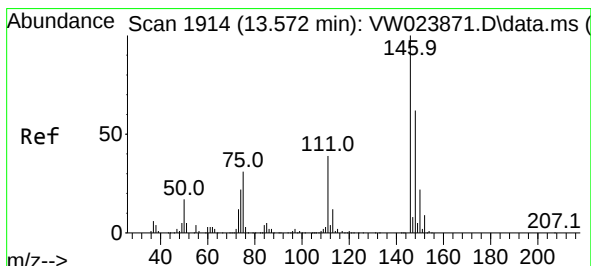
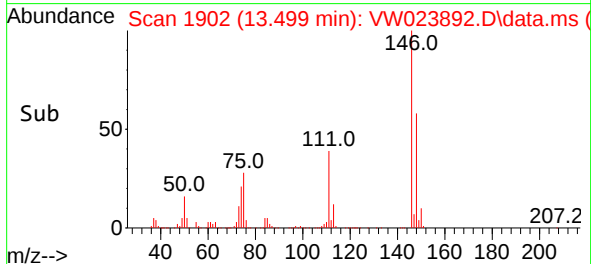
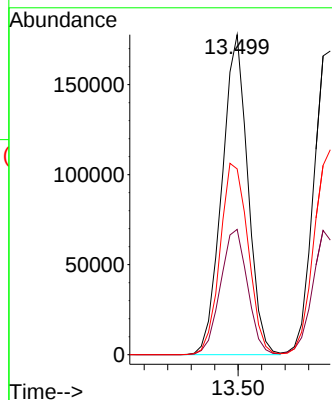
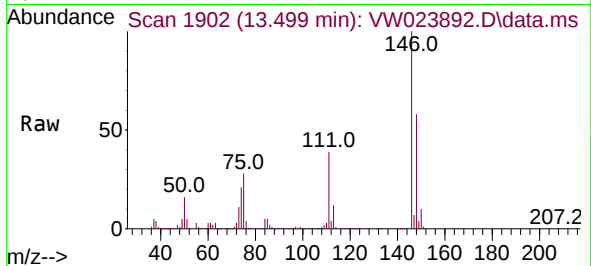




#64
1,3-Dichlorobenzene
Concen: 26.472 ug/L
RT: 13.499 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

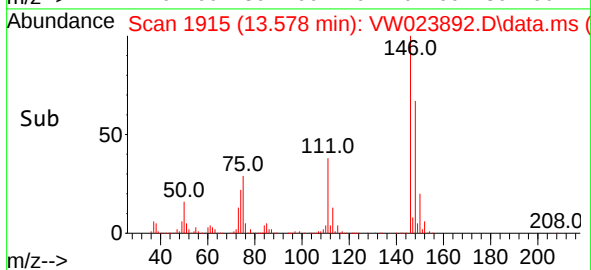
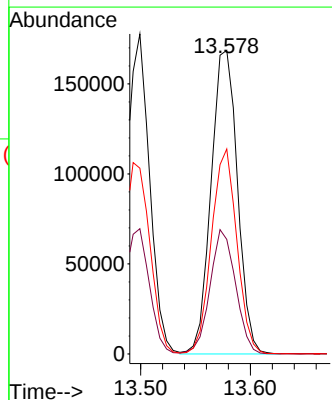
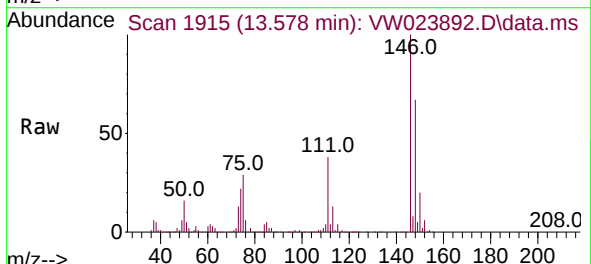
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

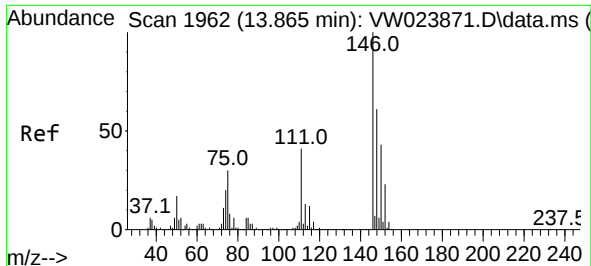
Tgt Ion:146 Resp: 271918
Ion Ratio Lower Upper
146 100
111 39.1 28.6 53.2
148 58.0 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 25.850 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023892.D
Acq: 19 Jul 2022 18:23

Tgt Ion:146 Resp: 282490
Ion Ratio Lower Upper
146 100
111 37.7 29.4 54.6
148 67.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 27.915 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

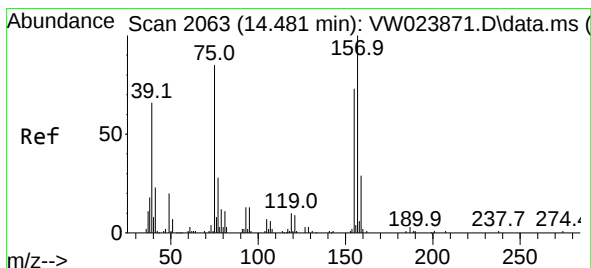
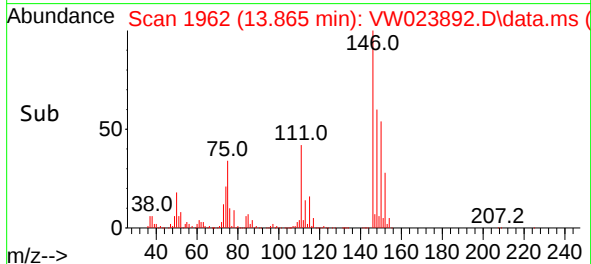
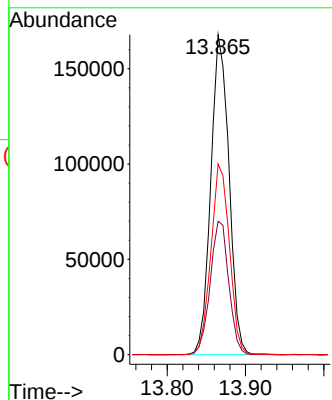
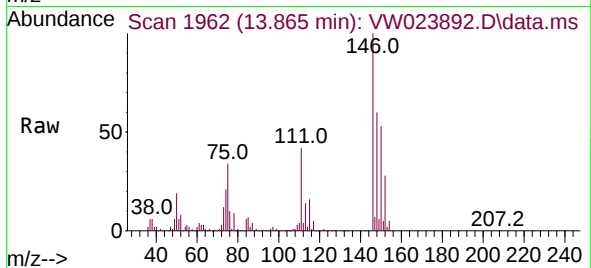
Tgt Ion:146 Resp: 270425

Ion Ratio Lower Upper

146 100

111 41.7 35.9 53.9

148 59.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.917 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

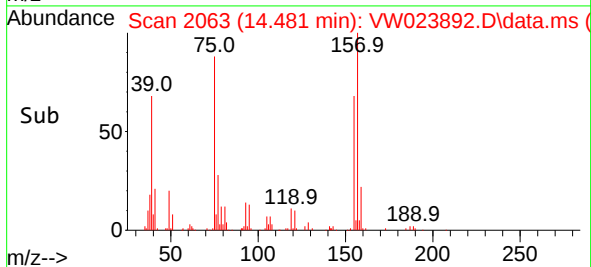
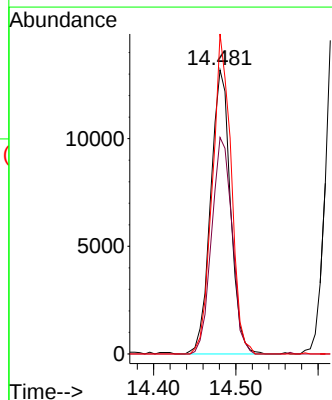
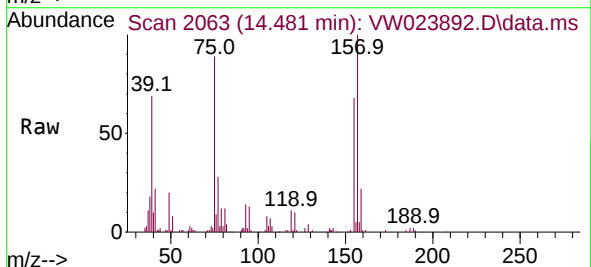
Tgt Ion: 75 Resp: 22075

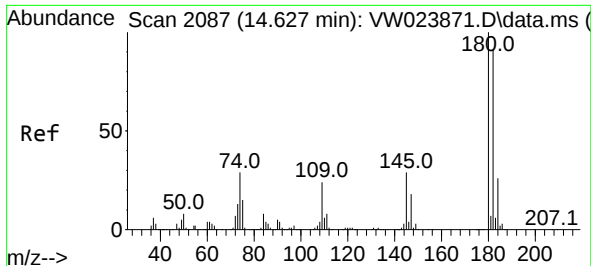
Ion Ratio Lower Upper

75 100

155 76.2 51.7 77.5

157 112.7 63.5 95.3#





#69

1,3,5-Trichlorobenzene

Concen: 25.464 ug/L

RT: 14.627 min Scan# 20

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

Tgt Ion:180 Resp: 173123

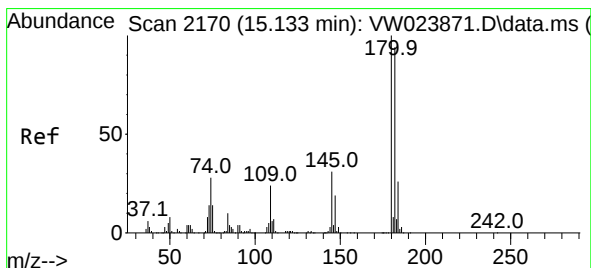
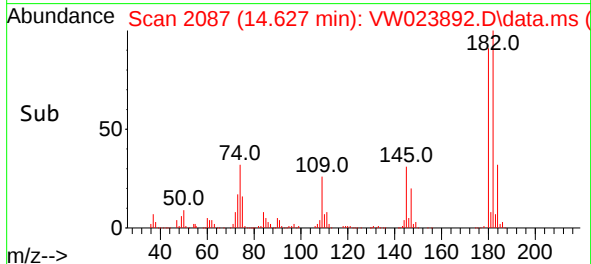
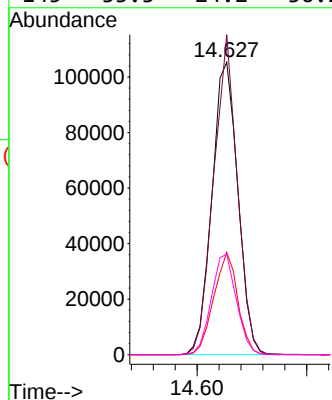
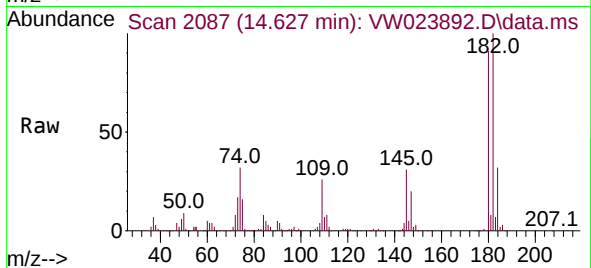
Ion Ratio Lower Upper

180 100

182 99.5 70.2 105.2

184 32.5 22.6 34.0

145 33.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 27.479 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

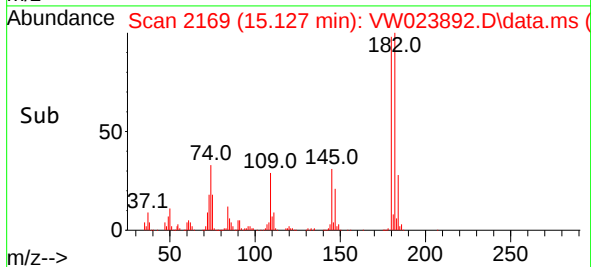
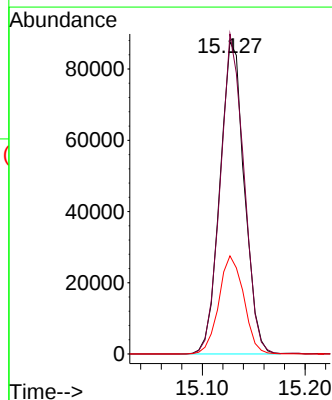
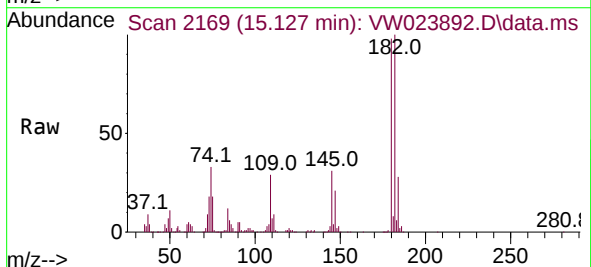
Tgt Ion:180 Resp: 144264

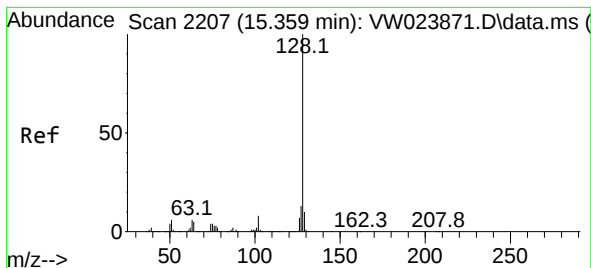
Ion Ratio Lower Upper

180 100

182 99.7 77.5 116.3

145 32.1 26.3 39.5





#71

Naphthalene

Concen: 30.378 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

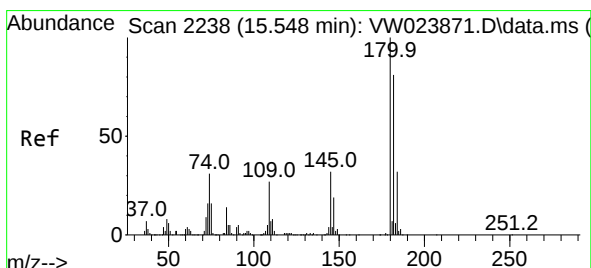
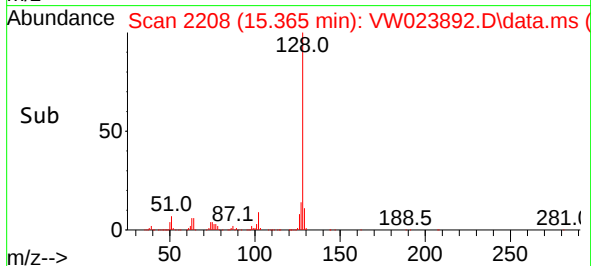
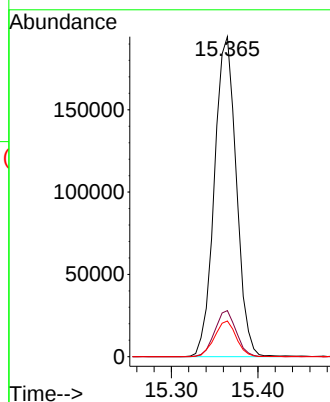
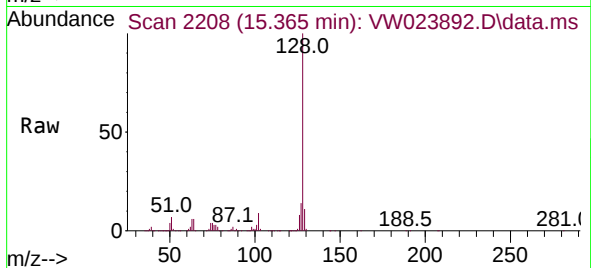
Tgt Ion:128 Resp: 342101

Ion Ratio Lower Upper

128 100

127 14.2 11.0 16.4

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 28.802 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023892.D

Acq: 19 Jul 2022 18:23

Tgt Ion:180 Resp: 140936

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 33.5 27.8 41.6

