

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020532.D
 Acq On : 15 Oct 2021 14:34
 Operator : SY/VA
 Sample : M4210-15MSD
 Misc : 3.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE4MSD

Quant Time: Oct 16 06:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	206005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	172468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	63981	21.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.873	69	37990	23.992	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
11) 1,1-Dichloroethene-d2	4.019	63	133012	21.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	7.086	46	36180	39.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.320%
24) Chloroform-d	7.653	84	145673	22.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.305	65	78764	21.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	8.275	84	272163	23.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	9.274	67	88593	23.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	236514	23.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.579	79	31835	21.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.927	63	22993	40.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57008	20.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	53212	19.061	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33022	24.806	ug/L	98
3) Chloromethane	2.209	50	66963	24.192	ug/L	98
5) Vinyl chloride	2.355	62	89073	22.880	ug/L	98
6) Bromomethane	2.769	94	37326	22.074	ug/L	97
8) Chloroethane	2.916	64	36265	25.227	ug/L	99
9) Trichlorofluoromethane	3.251	101	49326	22.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71455	22.619	ug/L	99
12) 1,1-Dichloroethene	4.038	96	66243	22.871	ug/L	90
13) Acetone	4.129	43	30544	36.468	ug/L	100
14) Carbon disulfide	4.379	76	196357	20.842	ug/L	100
15) Methyl Acetate	4.672	43	28845	18.545	ug/L	99
16) Methylene chloride	4.915	84	89242	22.284	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	70672	23.256	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	104432	24.392	ug/L	99
19) 1,1-Dichloroethane	6.220	63	152163	24.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74940	23.726	ug/L	96
22) 2-Butanone	7.177	43	41694	39.769	ug/L	98
23) Bromochloromethane	7.519	128	31429	22.687	ug/L	97
25) Chloroform	7.677	83	146095	24.123	ug/L	99

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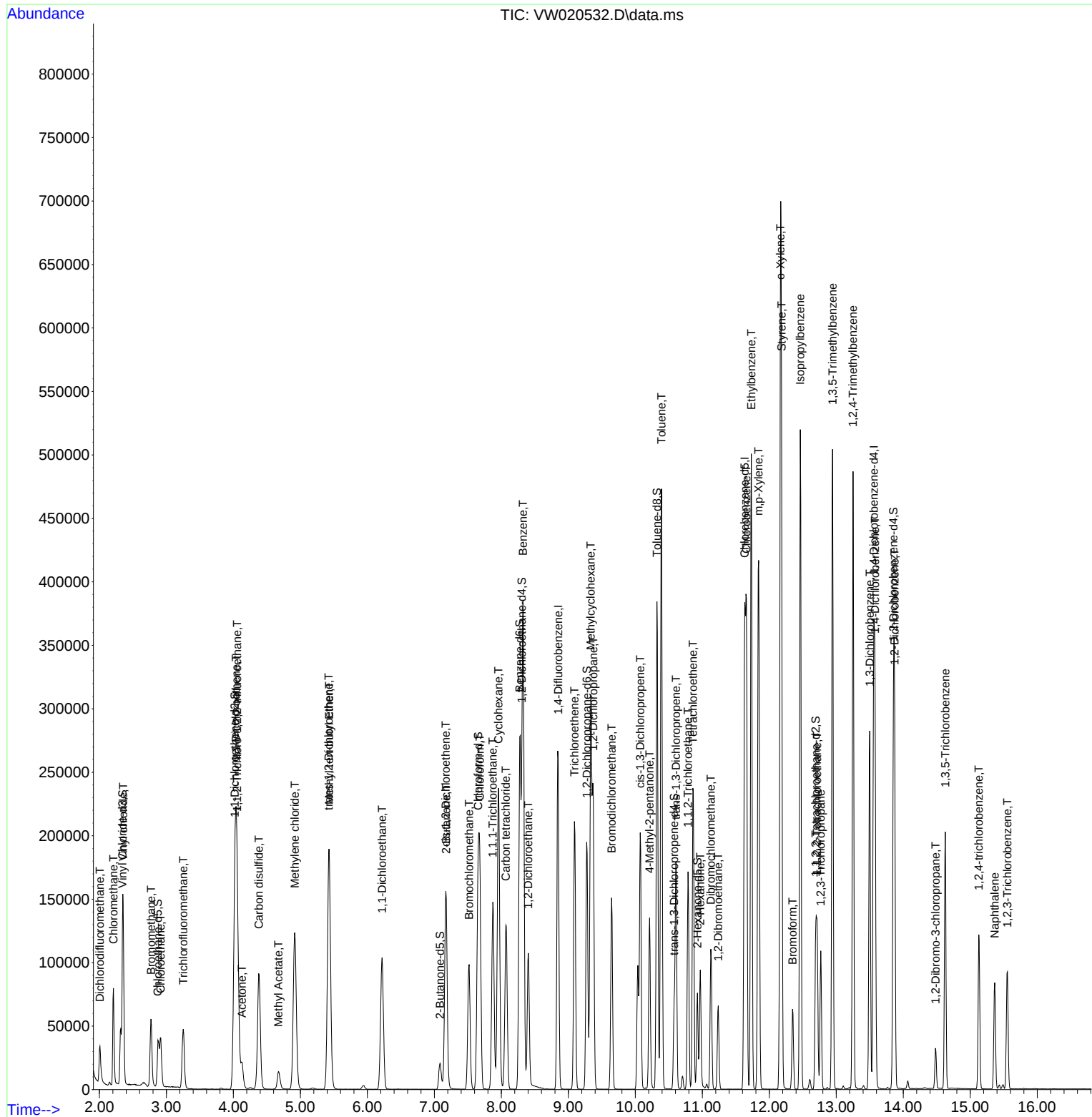
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	95103	22.959	ug/L	99
29) Cyclohexane	7.958	56	128309	25.411	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	114450	26.712	ug/L	100
31) Carbon tetrachloride	8.067	117	97330	25.838	ug/L	99
33) Benzene	8.323	78	325284	26.480	ug/L	100
34) Trichloroethene	9.092	95	75230	24.859	ug/L	97
35) Methylcyclohexane	9.335	83	113781	21.970	ug/L	99
37) 1,2-Dichloropropane	9.372	63	84253	26.485	ug/L	99
38) Bromodichloromethane	9.646	83	99326	26.042	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	111384	25.378	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	91791	48.074	ug/L	99
42) Toluene	10.390	91	321899	26.125	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	93447	24.151	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	50281	24.617	ug/L	98
46) Tetrachloroethene	10.860	164	50911	23.421	ug/L	92
48) 2-Hexanone	10.969	43	61318	43.771	ug/L	99
49) Dibromochloromethane	11.128	129	54839	24.370	ug/L	99
50) 1,2-Dibromoethane	11.237	107	42969	22.903	ug/L #	95
51) Chlorobenzene	11.658	112	176449	23.223	ug/L	99
52) Ethylbenzene	11.731	91	335274	25.092	ug/L	97
53) m,p-Xylene	11.841	106	125588	25.368	ug/L	99
54) o-Xylene	12.164	106	118714	25.965	ug/L	99
55) Styrene	12.182	104	192478	24.077	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	55438	21.894	ug/L	100
59) Bromoform	12.347	173	27281	27.288	ug/L	99
60) Isopropylbenzene	12.463	105	313016	29.884	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	42943	27.314	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	250668	29.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	239252	28.243	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	102748	22.671	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	101997	21.758	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	90768	21.861	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8411	25.186	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	55707	17.238	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	36136	14.121	ug/L	98
71) Naphthalene	15.365	128	68015	14.783	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	30449	13.548	ug/L	99

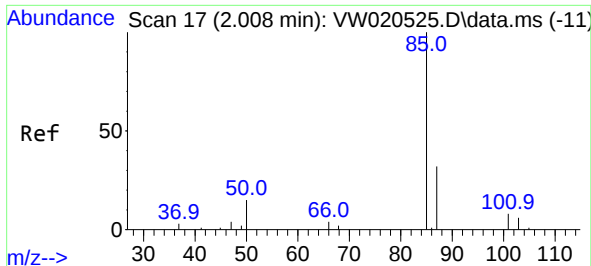
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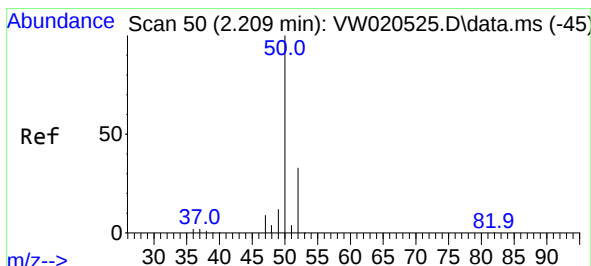
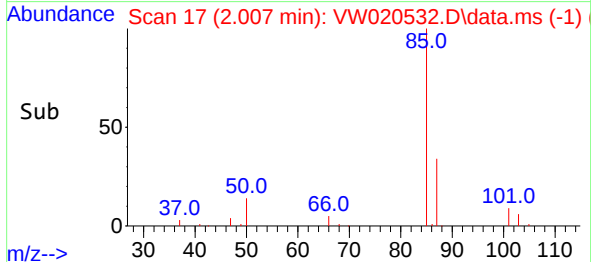
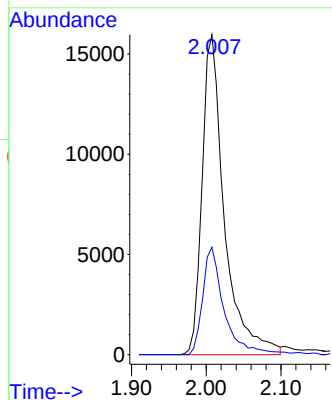
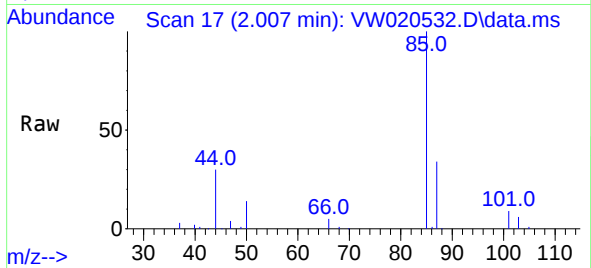




#2
Dichlorodifluoromethane
Concen: 24.806 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

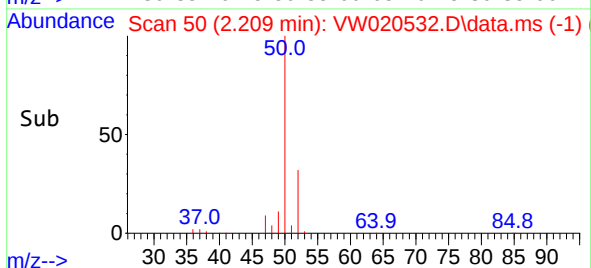
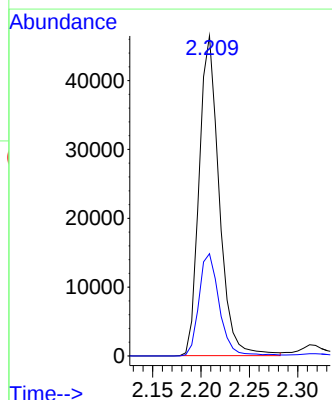
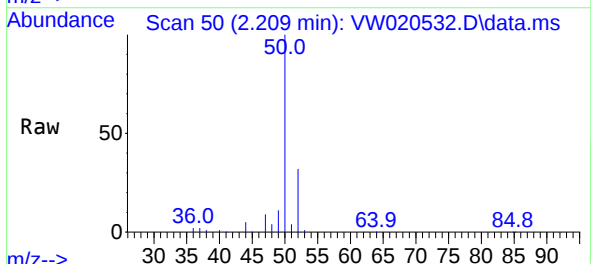
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

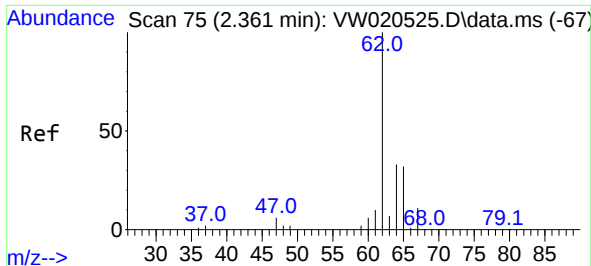
Tgt Ion: 85 Resp: 33022
Ion Ratio Lower Upper
85 100
87 32.3 24.9 37.3



#3
Chloromethane
Concen: 24.192 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 50 Resp: 66963
Ion Ratio Lower Upper
50 100
52 31.9 21.5 39.9

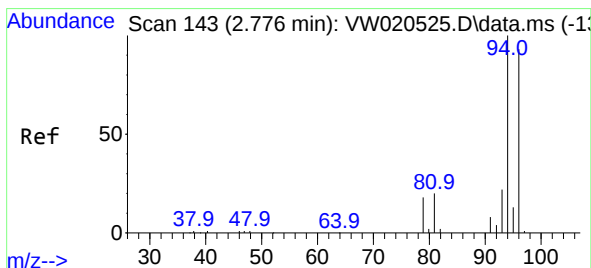
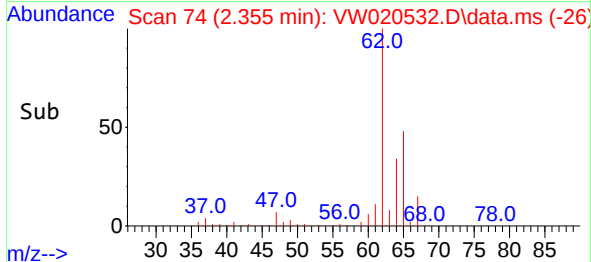
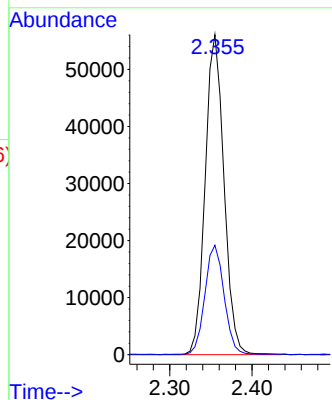
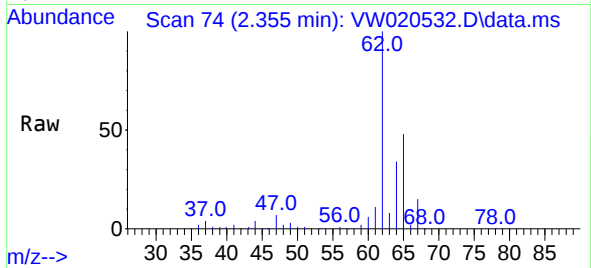




#5
 Vinyl chloride
 Concen: 22.880 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020532.D
 Acq: 15 Oct 2021 14:34

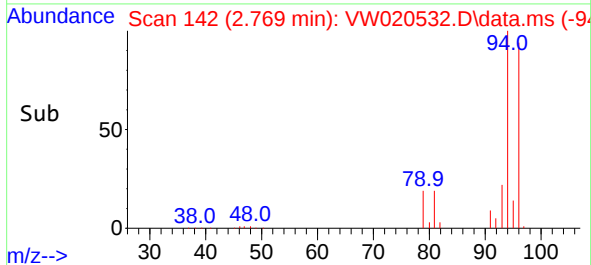
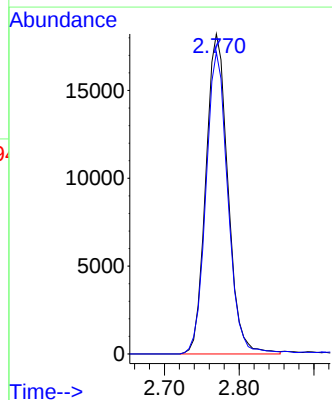
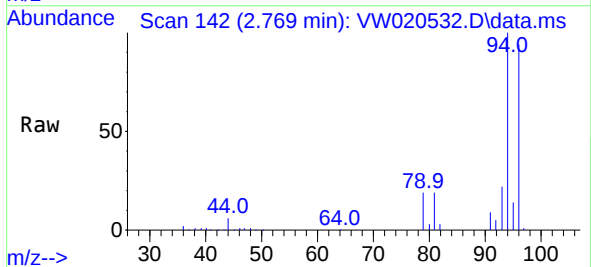
Instrument :
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 ClientSampleId :
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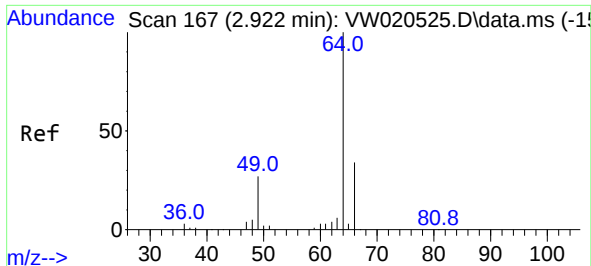
Tgt Ion: 62 Resp: 89073
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.6 45.6



#6
 Bromomethane
 Concen: 22.074 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020532.D
 Acq: 15 Oct 2021 14:34

Tgt Ion: 94 Resp: 37326
 Ion Ratio Lower Upper
 94 100
 96 94.2 67.8 126.0

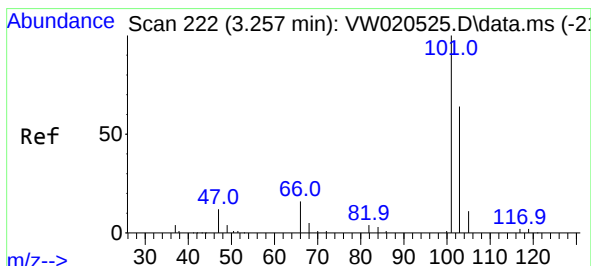
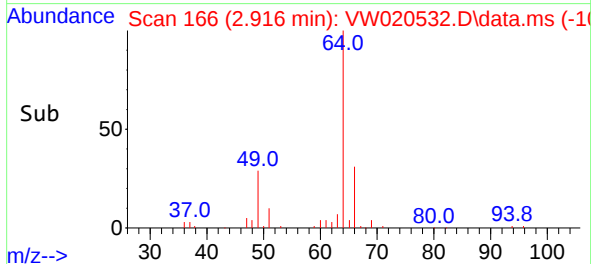
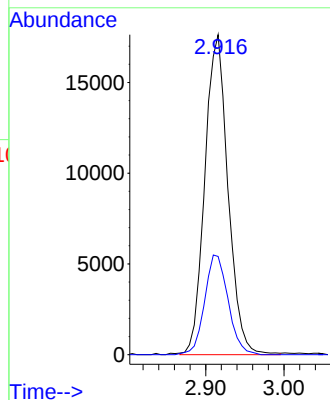
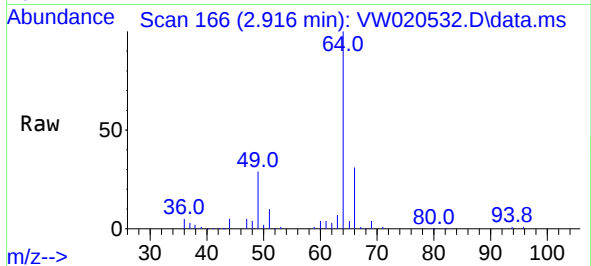




#8
Chloroethane
Concen: 25.227 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

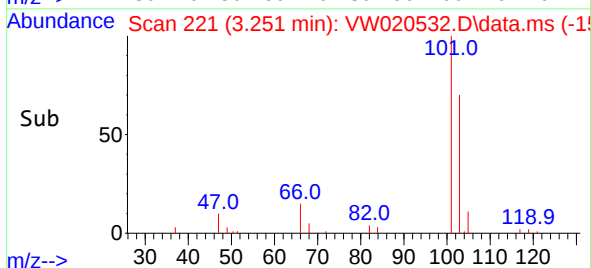
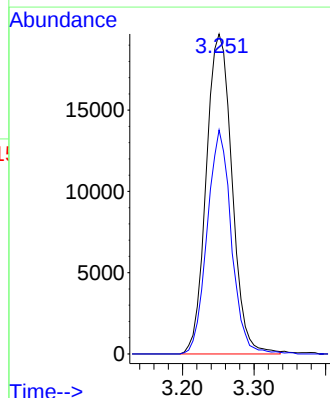
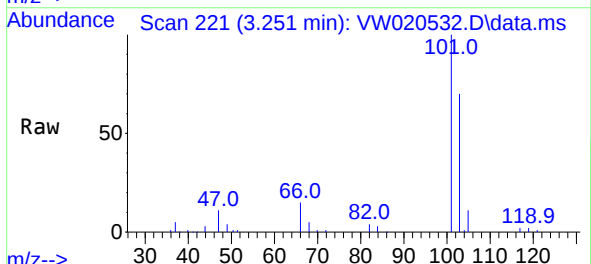
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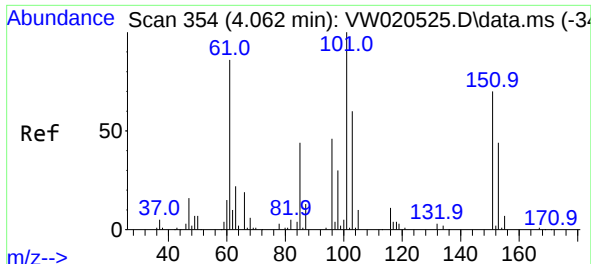
Tgt Ion: 64 Resp: 36265
Ion Ratio Lower Upper
64 100
66 30.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 22.269 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 101 Resp: 49326
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

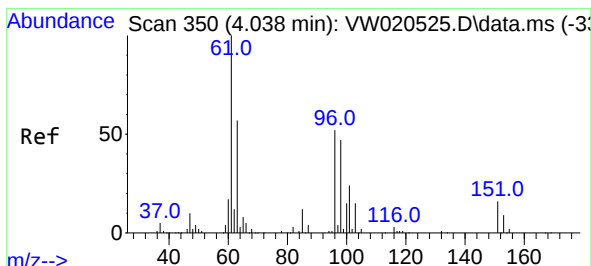
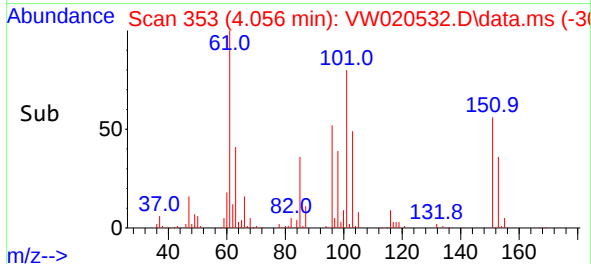
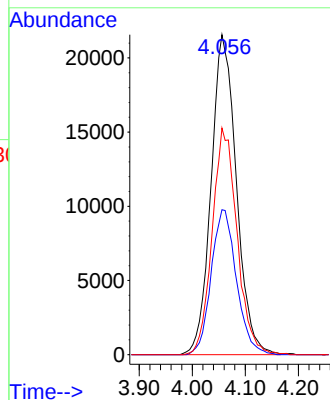
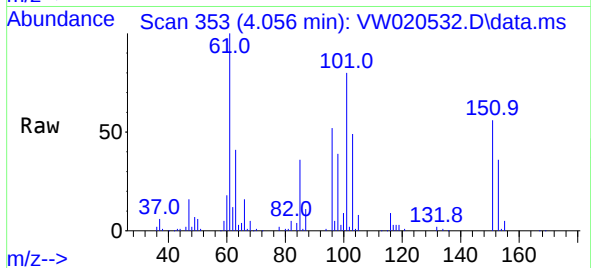




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.619 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW020532.D
 Acq: 15 Oct 2021 14:34

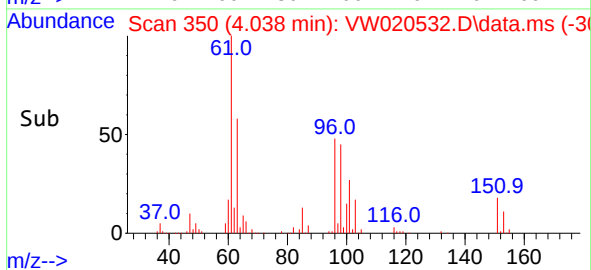
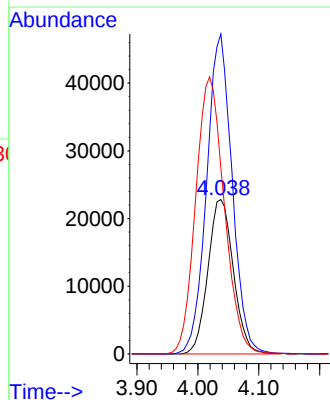
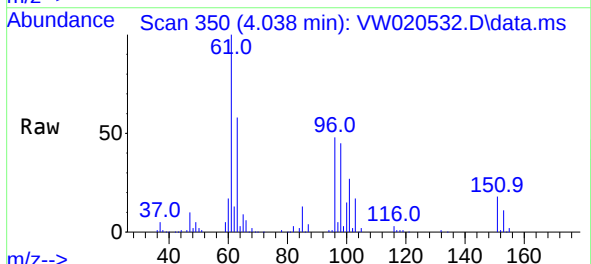
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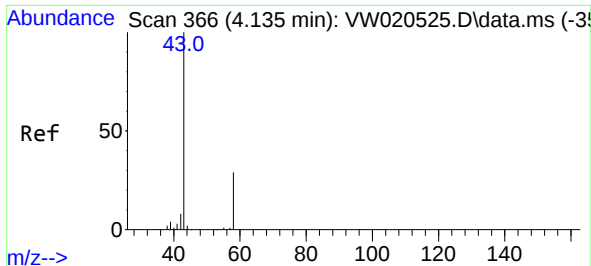
Tgt Ion:101 Resp: 71455
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.3 54.5
 151 69.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 22.871 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020532.D
 Acq: 15 Oct 2021 14:34

Tgt Ion: 96 Resp: 66243
 Ion Ratio Lower Upper
 96 100
 61 207.3 133.9 248.7
 63 120.6 77.3 143.7

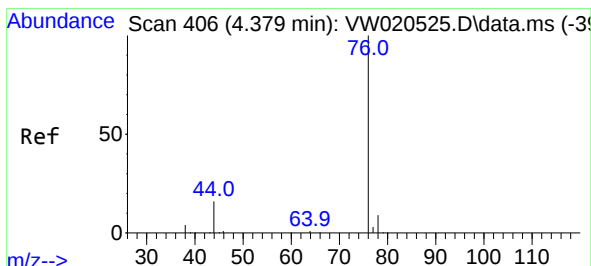
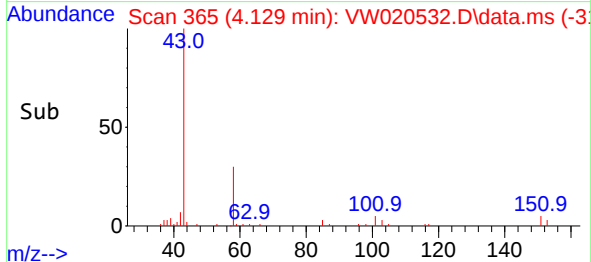
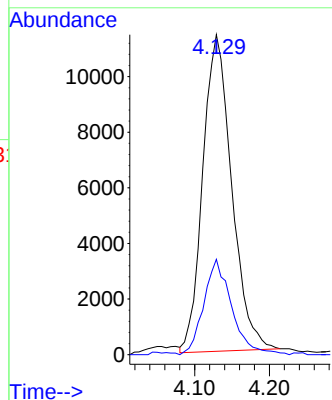
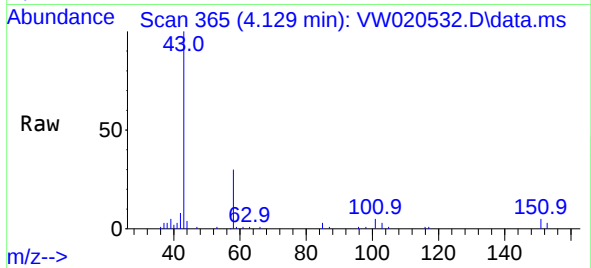




#13
Acetone
Concen: 36.468 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

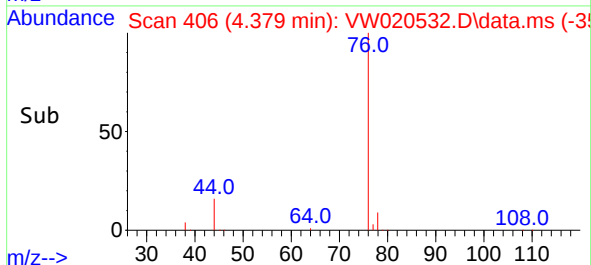
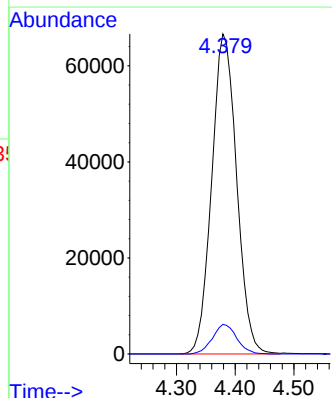
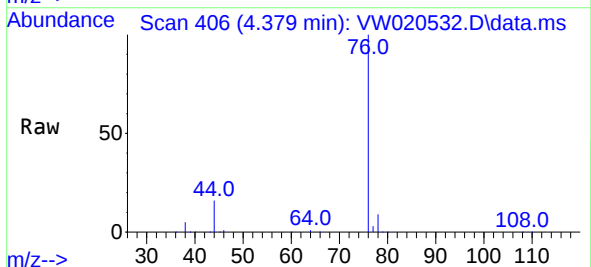
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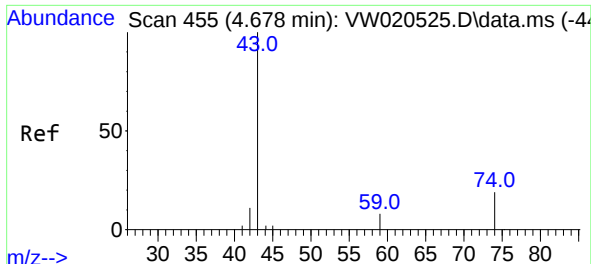
Tgt Ion: 43 Resp: 30544
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.4



#14
Carbon disulfide
Concen: 20.842 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 76 Resp: 196357
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

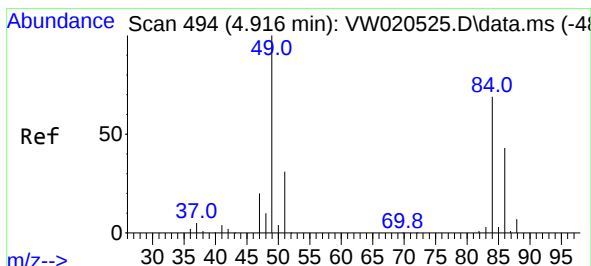
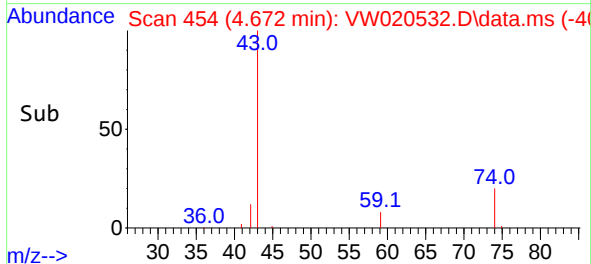
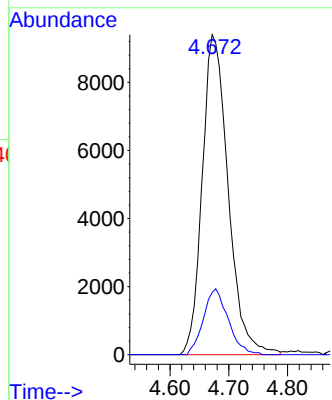
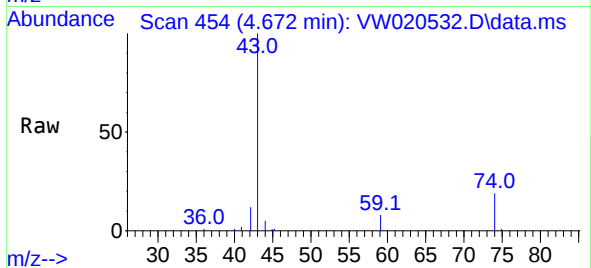




#15
Methyl Acetate
Concen: 18.545 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

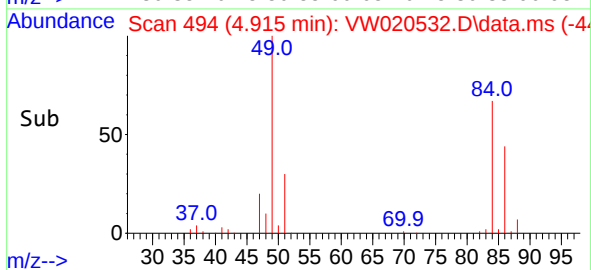
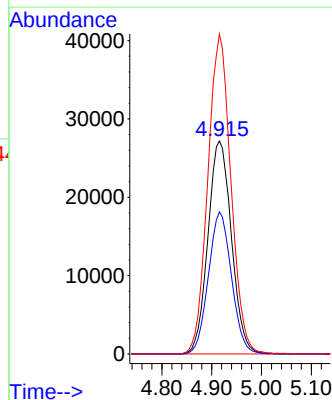
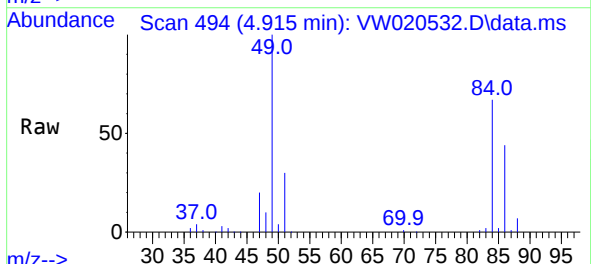
Instrument :
MSVOA_W
ClientSampled :
JDGE4MSD

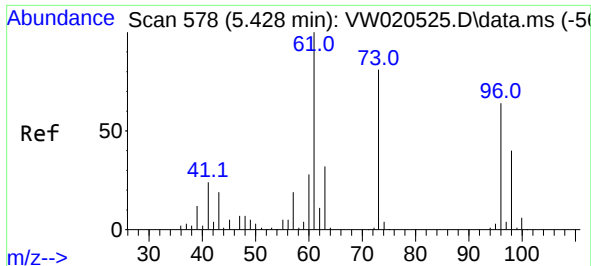
Tgt Ion: 43 Resp: 28845
Ion Ratio Lower Upper
43 100
74 19.7 16.1 24.1



#16
Methylene chloride
Concen: 22.284 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 84 Resp: 89242
Ion Ratio Lower Upper
84 100
86 66.7 44.7 83.1
49 150.3 101.7 188.9

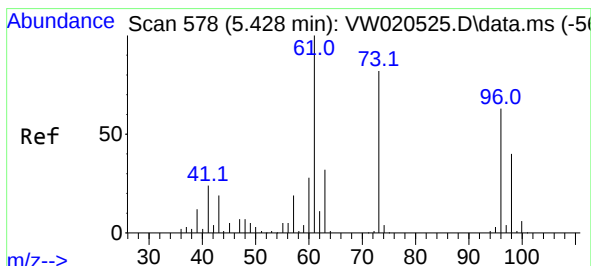
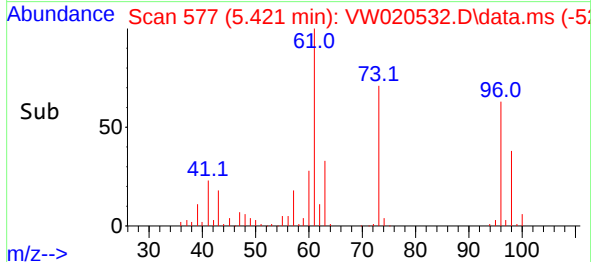
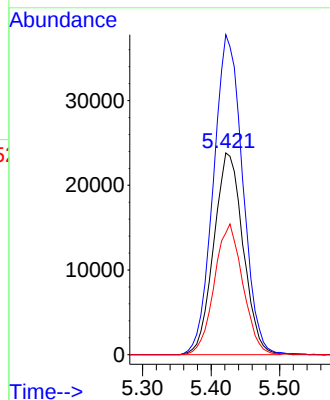
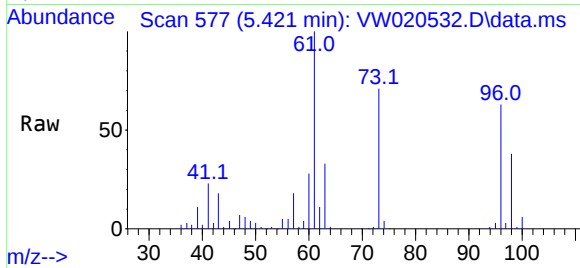




#17
trans-1,2-Dichloroethene
Concen: 23.256 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

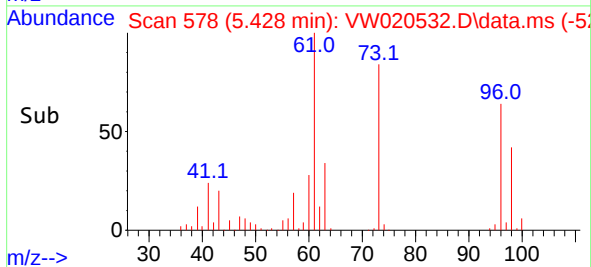
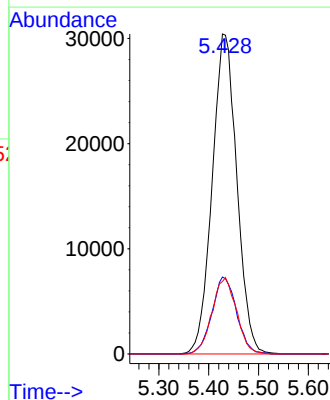
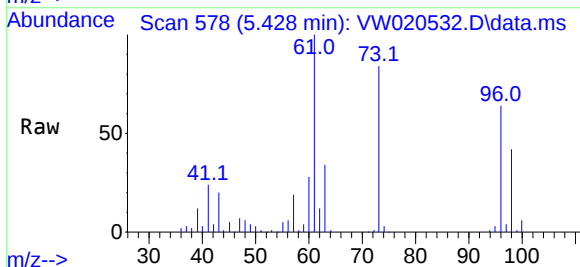
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

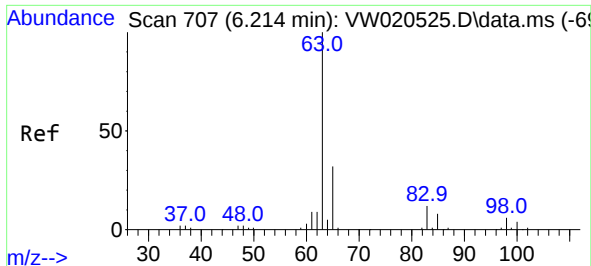
Tgt Ion: 96 Resp: 70672
Ion Ratio Lower Upper
96 100
61 158.6 110.7 205.5
98 60.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.392 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 73 Resp: 104432
Ion Ratio Lower Upper
73 100
43 24.1 18.9 28.3
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.425 ug/L

RT: 6.220 min Scan# 708

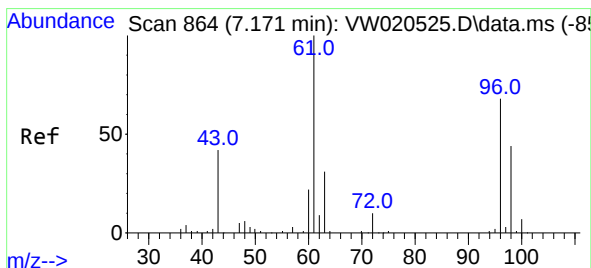
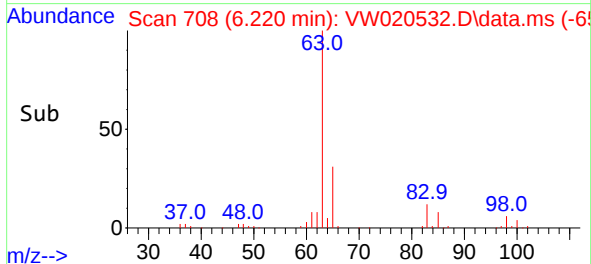
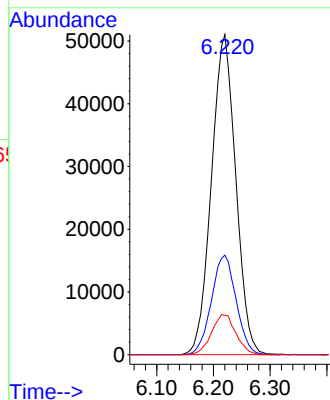
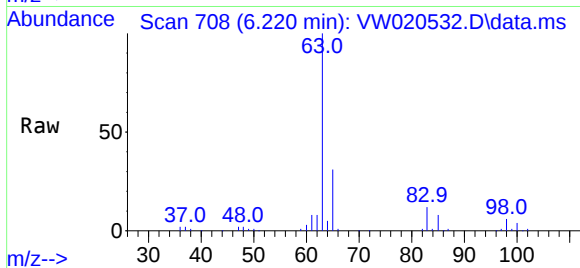
Delta R.T. 0.006 min

Lab File: VW020532.D

Acq: 15 Oct 2021 14:34

Tgt Ion: 63 Resp: 152163

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.9	40.7
83	12.4	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 23.726 ug/L

RT: 7.171 min Scan# 864

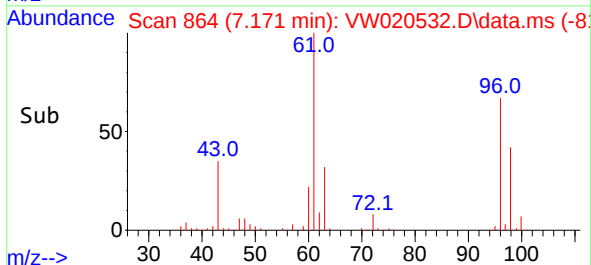
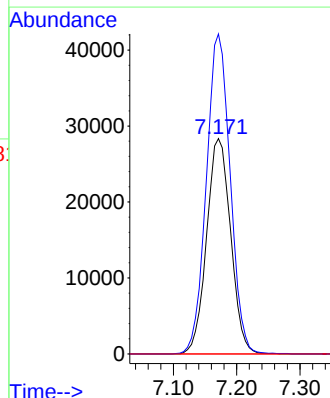
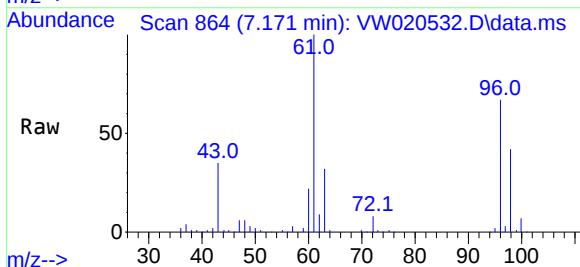
Delta R.T. -0.000 min

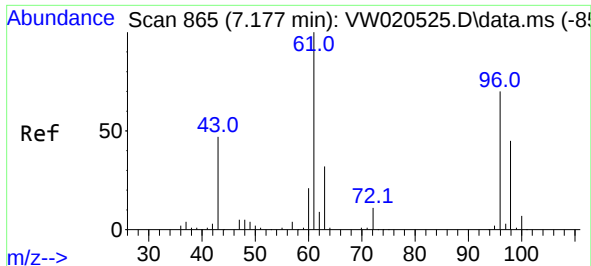
Lab File: VW020532.D

Acq: 15 Oct 2021 14:34

Tgt Ion: 96 Resp: 74940

Ion	Ratio	Lower	Upper
96	100		
61	148.6	100.3	186.3
68	0.0	0.0	0.0

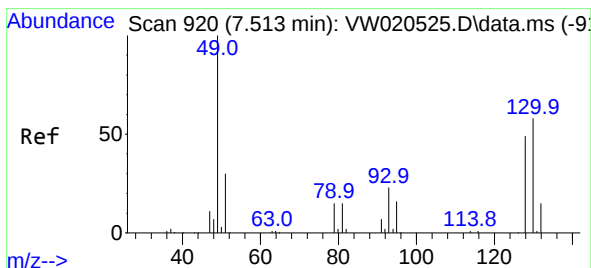
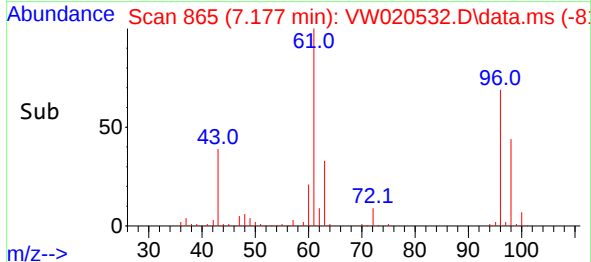
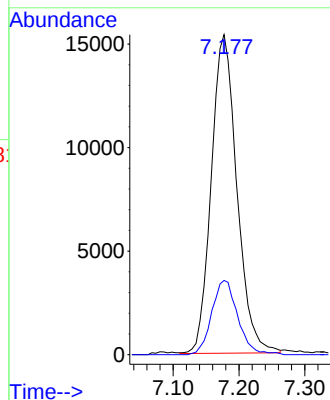
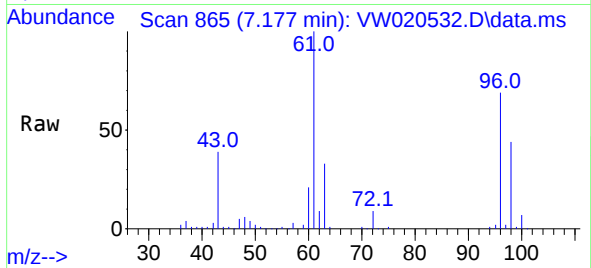




#22
2-Butanone
Concen: 39.769 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

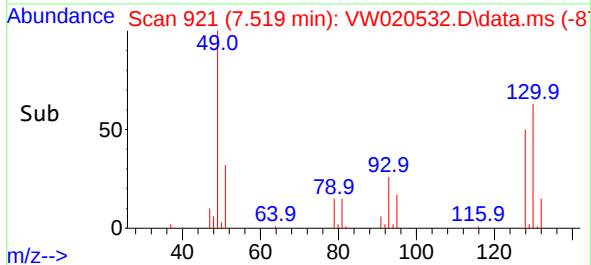
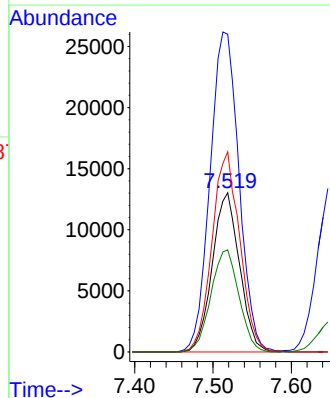
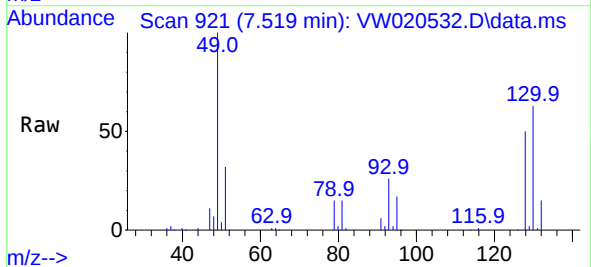
Instrument :
MSVOA_W
ClientSampled :
JDGE4MSD

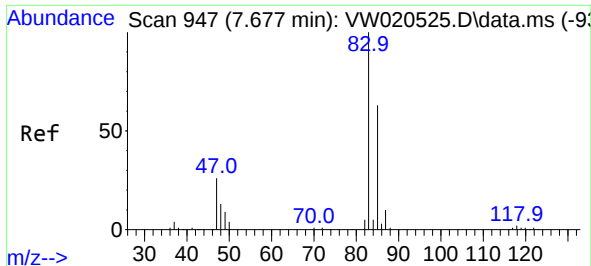
Tgt Ion: 43 Resp: 41694
Ion Ratio Lower Upper
43 100
72 23.4 12.2 36.6



#23
Bromochloromethane
Concen: 22.687 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:128 Resp: 31429
Ion Ratio Lower Upper
128 100
49 199.5 144.1 267.7
130 125.7 89.2 165.6
51 64.1 51.8 77.8

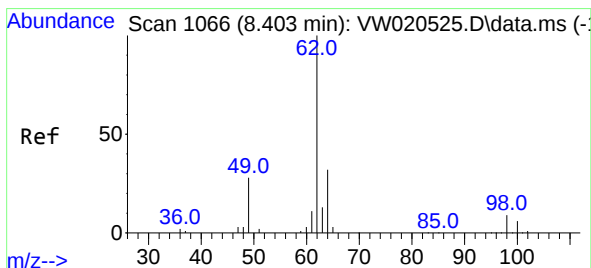
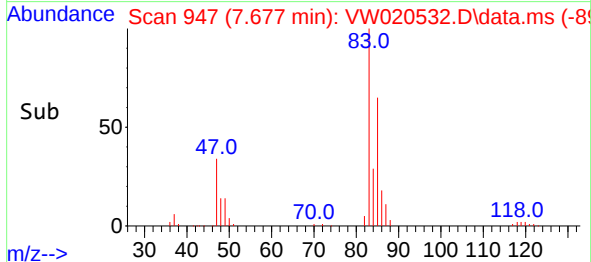
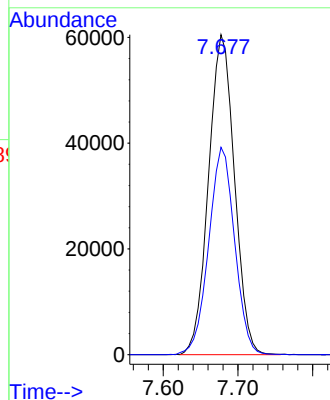
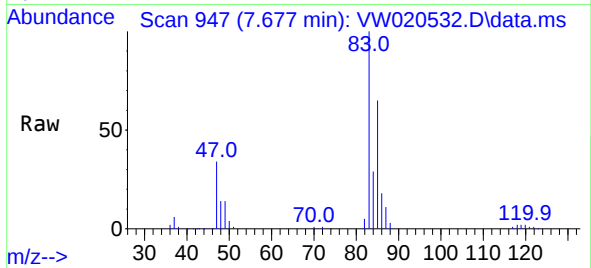




#25
Chloroform
Concen: 24.123 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

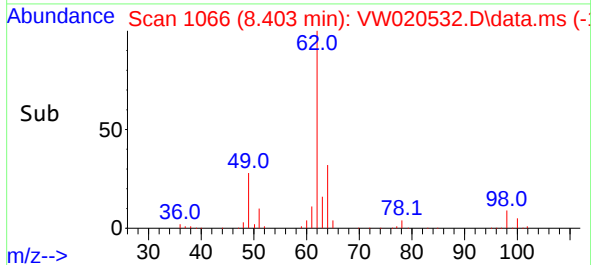
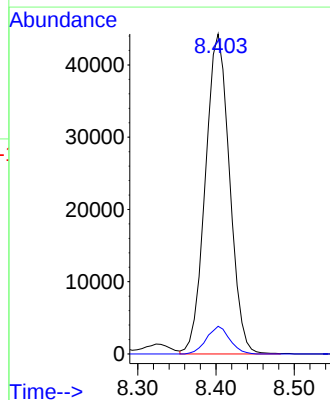
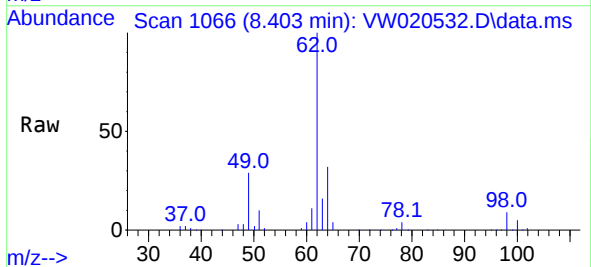
Instrument :
MSVOA_W
ClientSampled :
JDGE4MSD

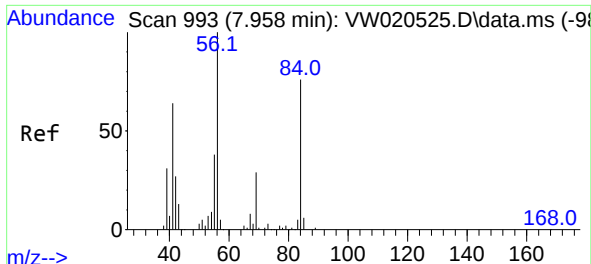
Tgt Ion: 83 Resp: 146095
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.959 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

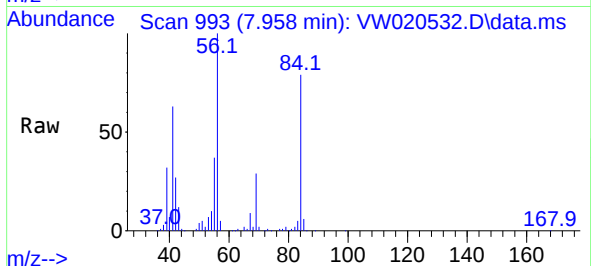
Tgt Ion: 62 Resp: 95103
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0



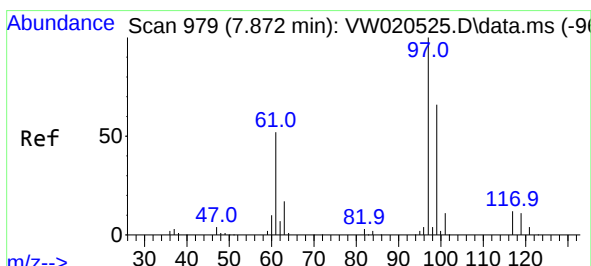
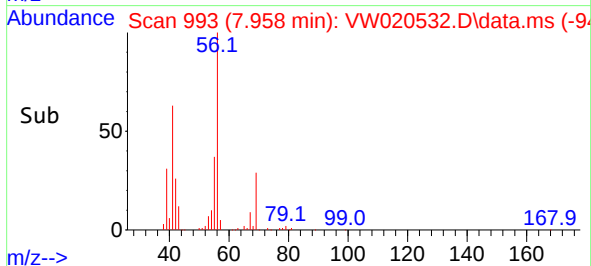
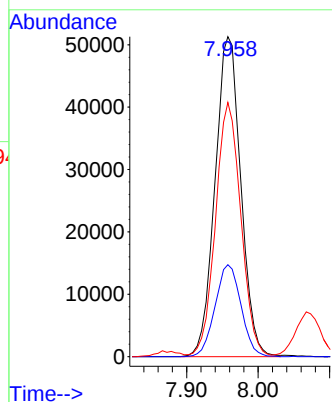


#29
Cyclohexane
Concen: 25.411 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

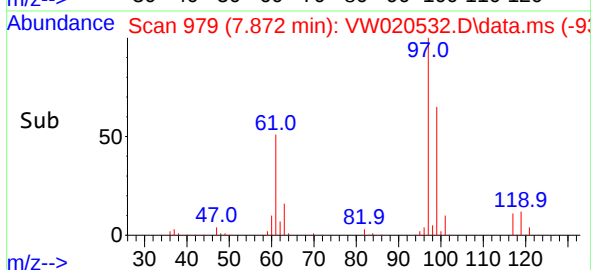
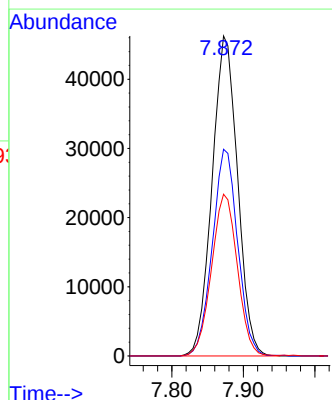
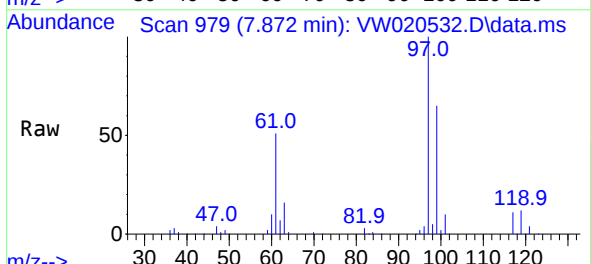


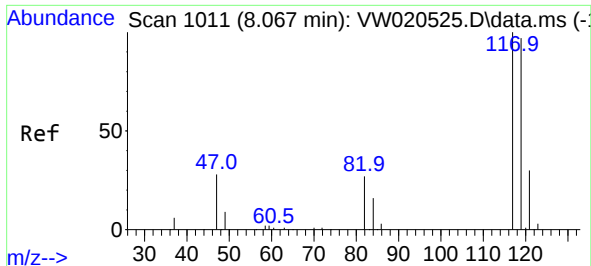
Tgt Ion: 56 Resp: 128309
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 78.1 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 26.712 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 97 Resp: 114450
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 51.2 41.0 61.6

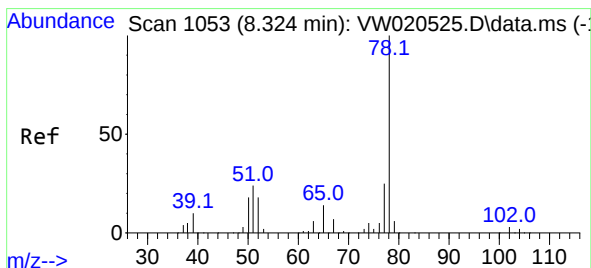
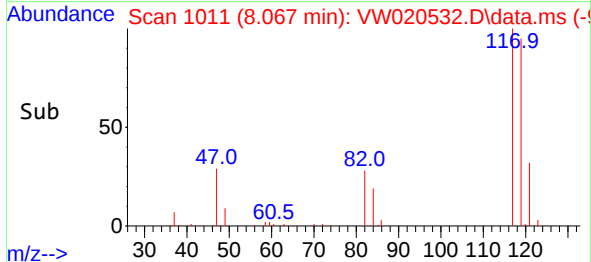
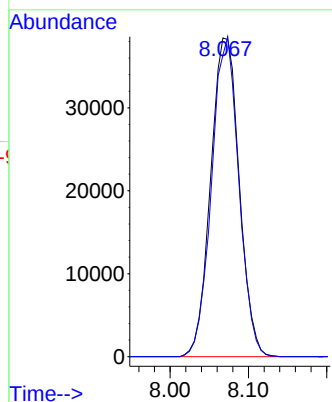
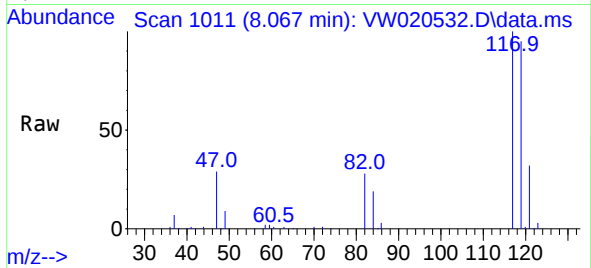




#31
Carbon tetrachloride
Concen: 25.838 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

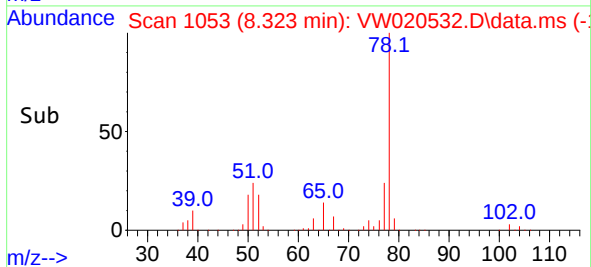
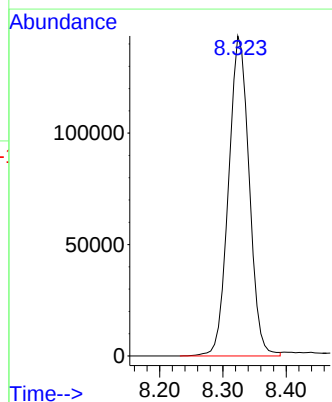
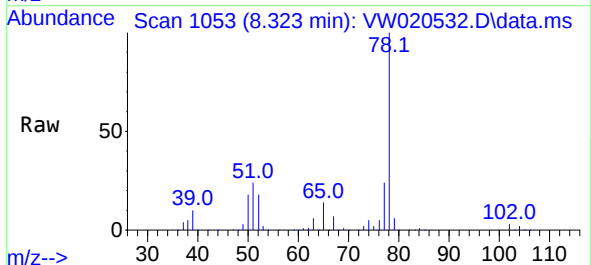
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

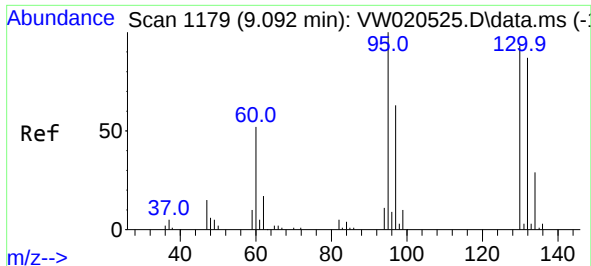
Tgt Ion:117 Resp: 97330
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 26.480 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 78 Resp: 325284



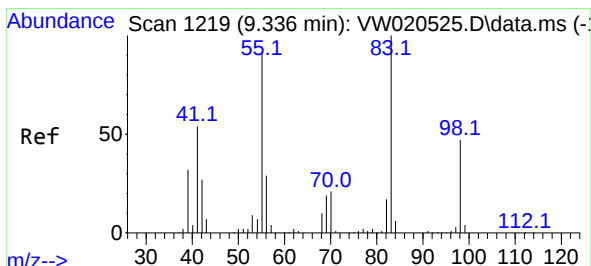
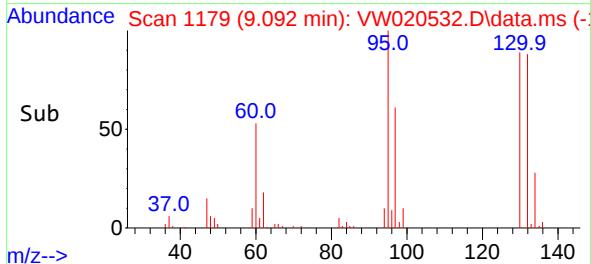
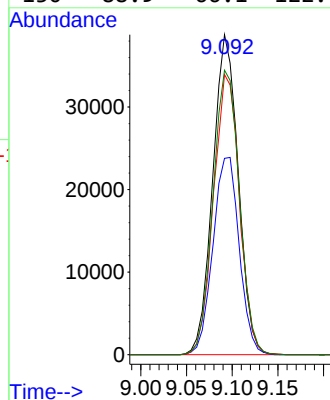
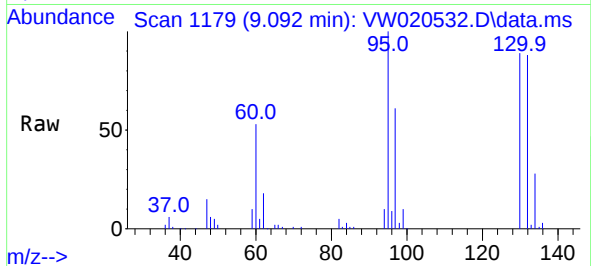


#34
Trichloroethene
Concen: 24.859 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion: 95 Resp: 75230

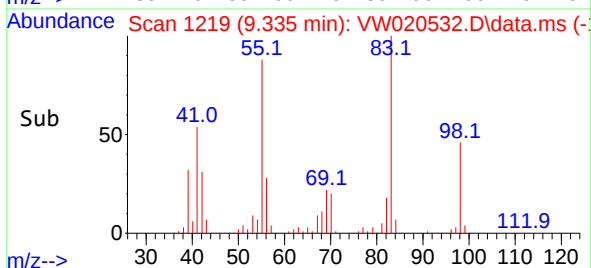
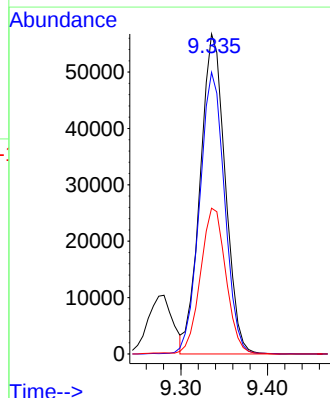
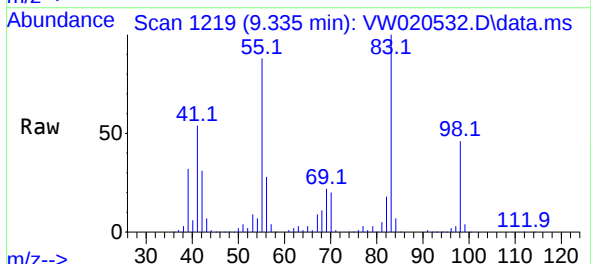
Ion	Ratio	Lower	Upper
95	100		
97	61.4	43.2	80.2
132	87.5	62.3	115.7
130	88.9	66.1	122.7

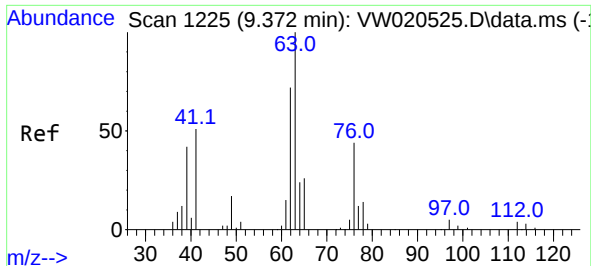


#35
Methylcyclohexane
Concen: 21.970 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 83 Resp: 113781

Ion	Ratio	Lower	Upper
83	100		
55	87.9	69.7	104.5
98	46.4	38.2	57.2

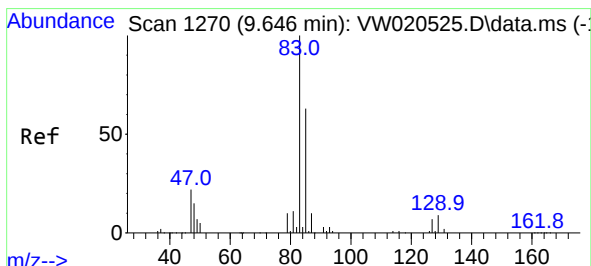
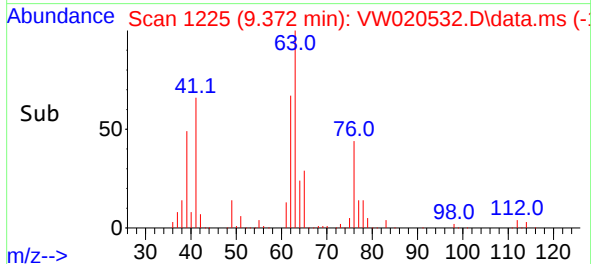
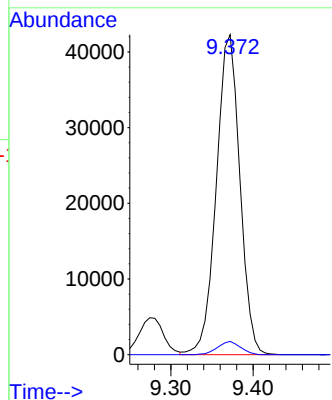
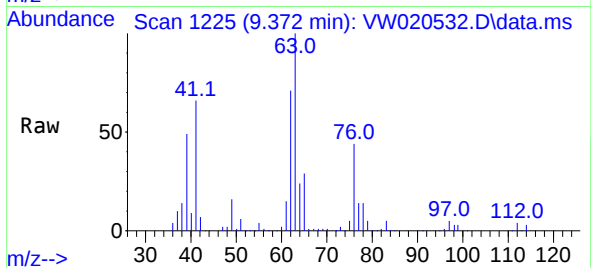




#37
1,2-Dichloropropane
Concen: 26.485 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

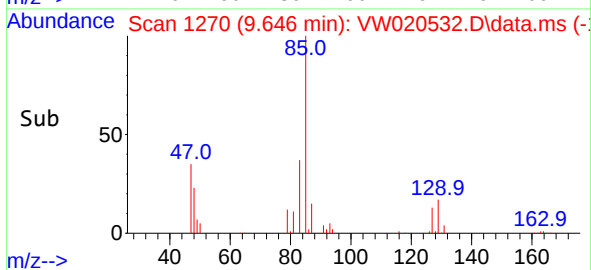
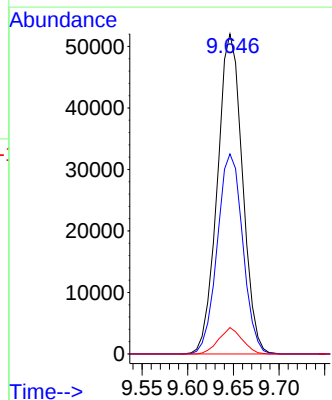
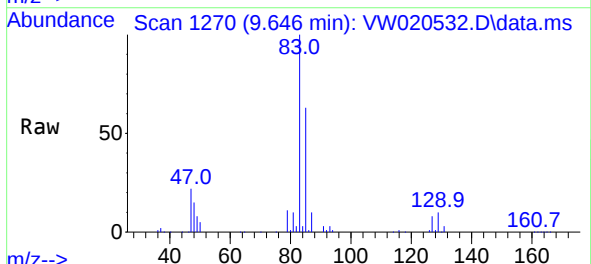
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

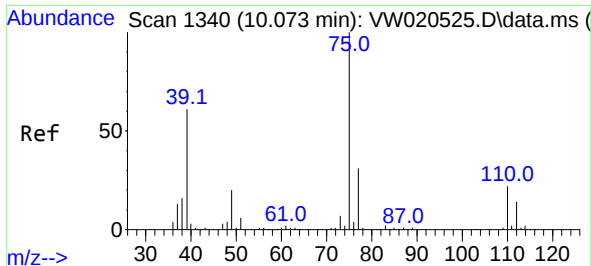
Tgt Ion: 63 Resp: 84253
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 26.042 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 83 Resp: 99326
Ion Ratio Lower Upper
83 100
85 62.5 43.4 80.6
127 8.2 6.2 9.2

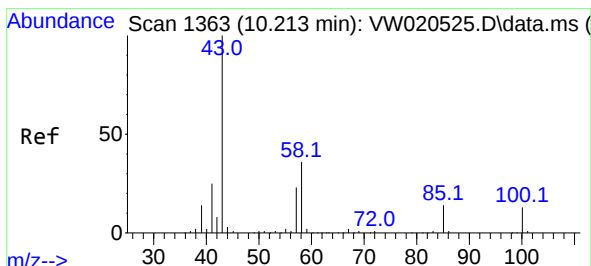
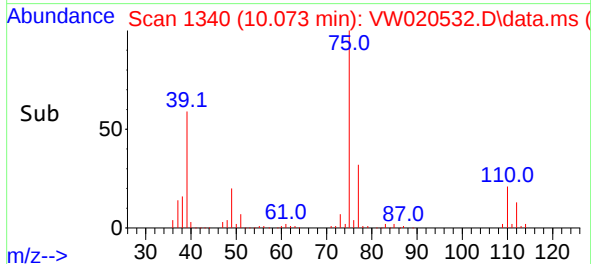
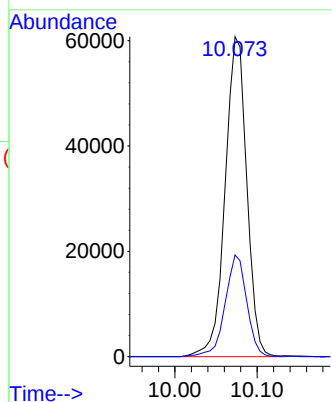
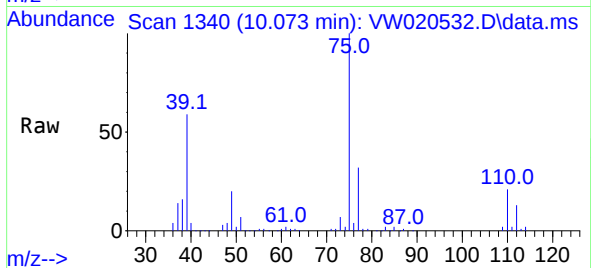




#39
cis-1,3-Dichloropropene
Concen: 25.378 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

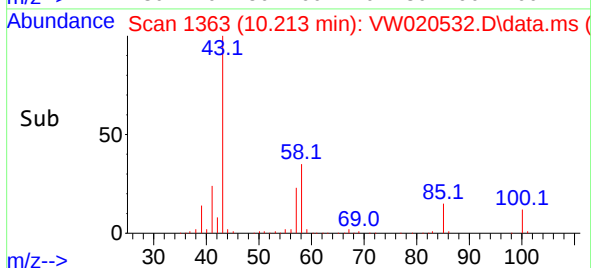
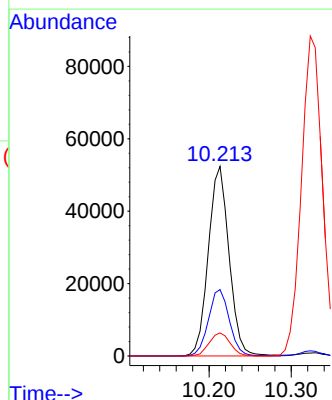
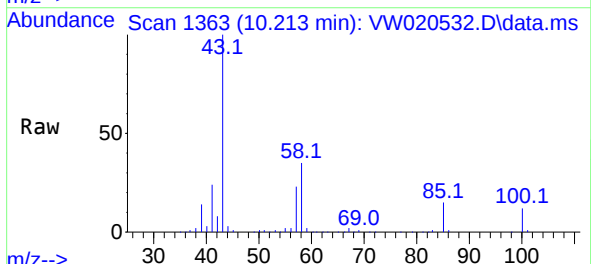
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

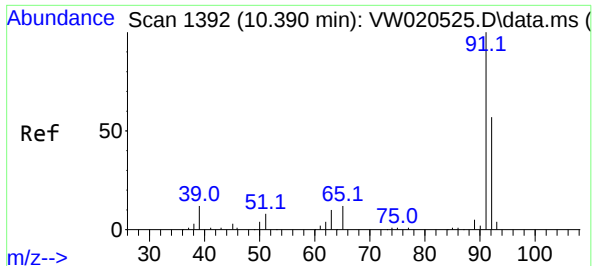
Tgt Ion: 75 Resp: 111384
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 48.074 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 43 Resp: 91791
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.4
100 12.3 10.2 15.4





#42

Toluene

Concen: 26.125 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020532.D

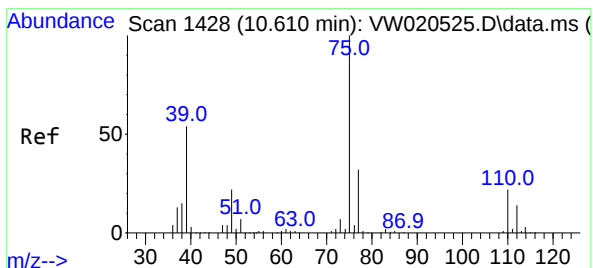
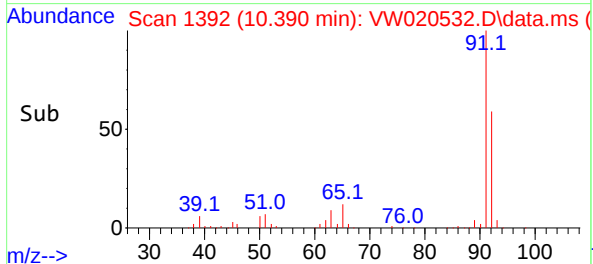
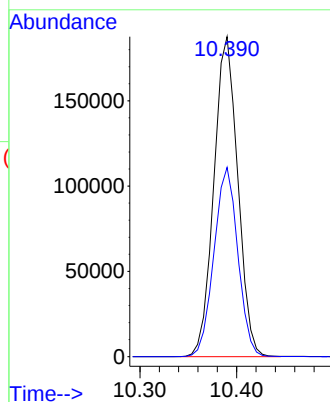
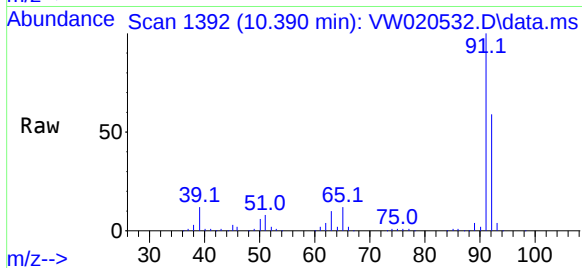
Acq: 15 Oct 2021 14:34

Tgt Ion: 91 Resp: 321899

Ion Ratio Lower Upper

91 100

92 59.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 24.151 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW020532.D

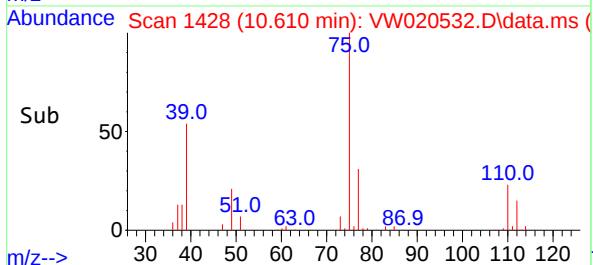
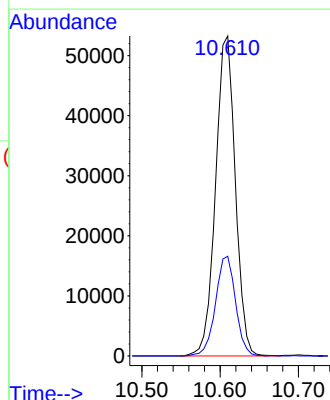
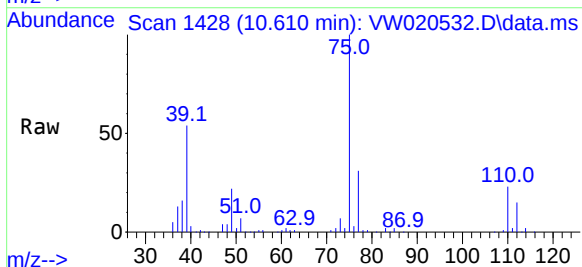
Acq: 15 Oct 2021 14:34

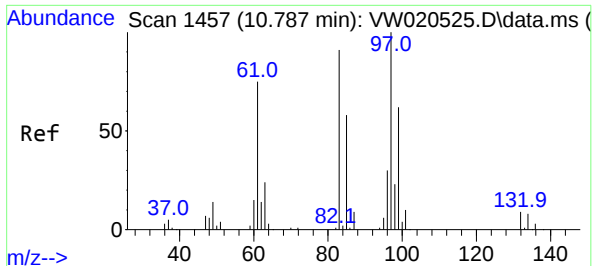
Tgt Ion: 75 Resp: 93447

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



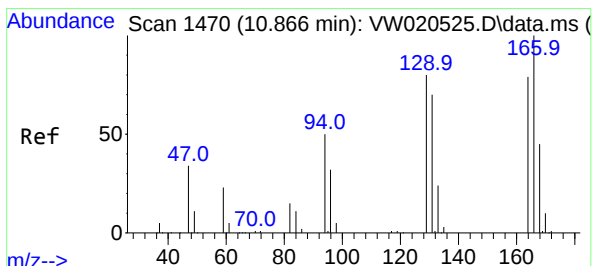
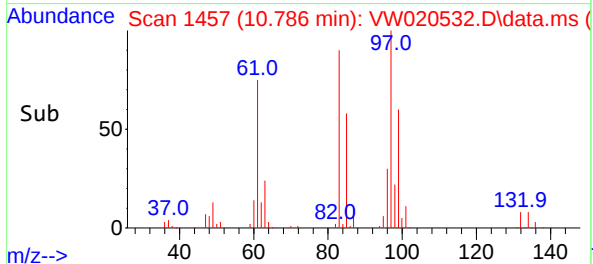
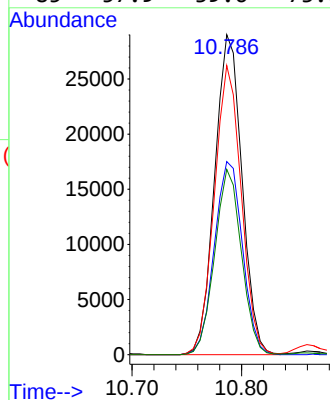
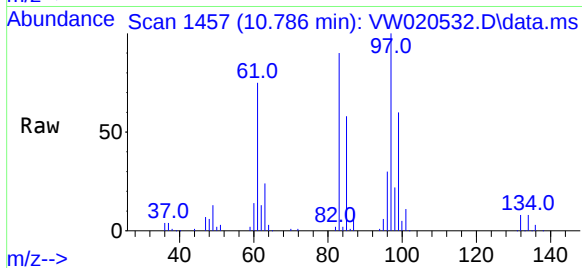


#45
1,1,2-Trichloroethane
Concen: 24.617 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion: 97 Resp: 50281

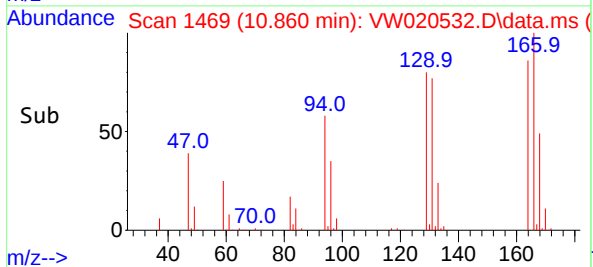
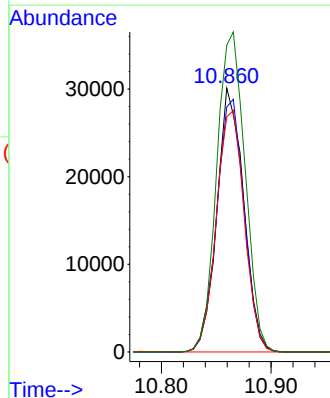
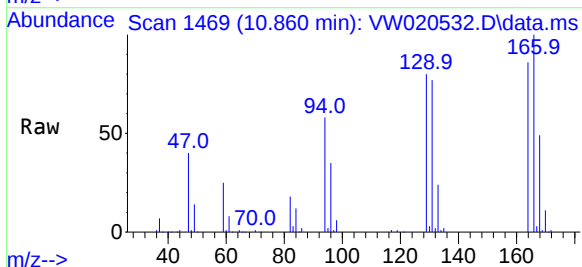
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.8	79.4
83	90.4	60.9	113.1
85	57.9	39.6	73.6

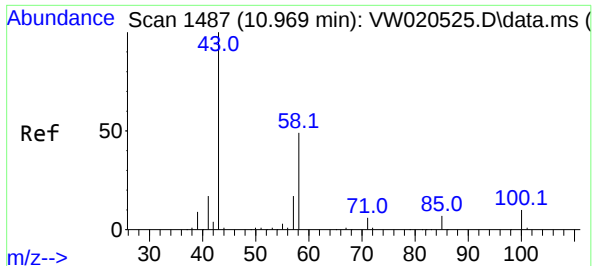


#46
Tetrachloroethene
Concen: 23.421 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 164 Resp: 50911

Ion	Ratio	Lower	Upper
164	100		
129	92.8	69.1	128.3
131	89.2	58.3	108.3
166	116.3	90.4	168.0



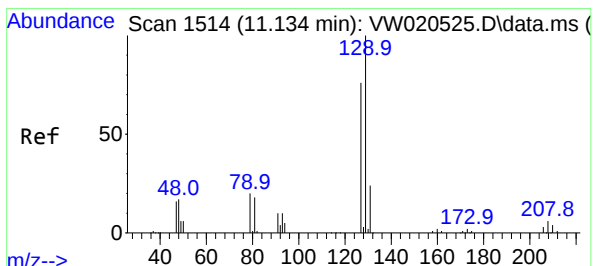
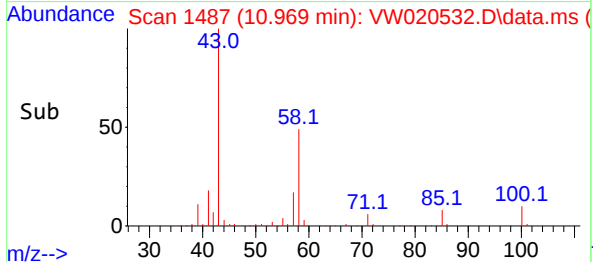
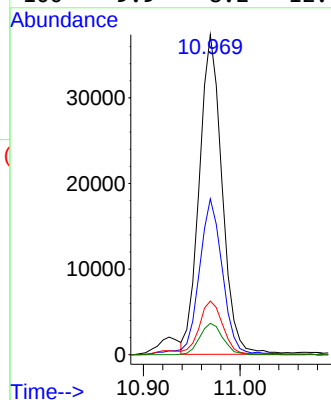
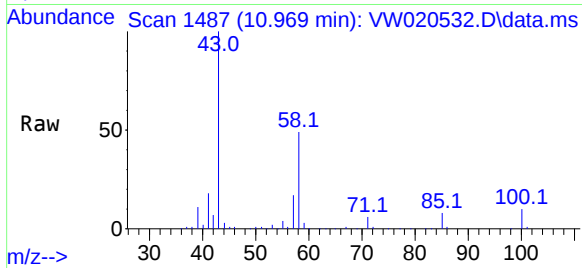


#48
2-Hexanone
Concen: 43.771 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampled :
JDGE4MSD

Tgt Ion: 43 Resp: 61318

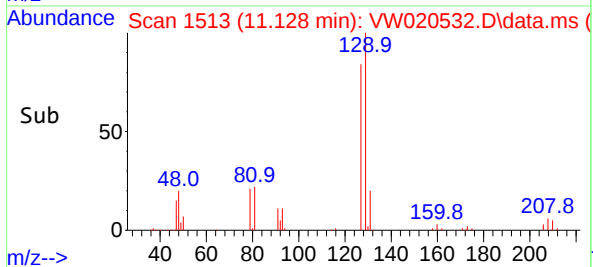
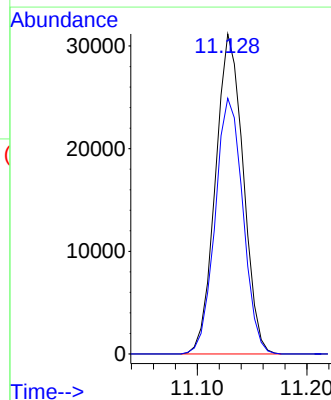
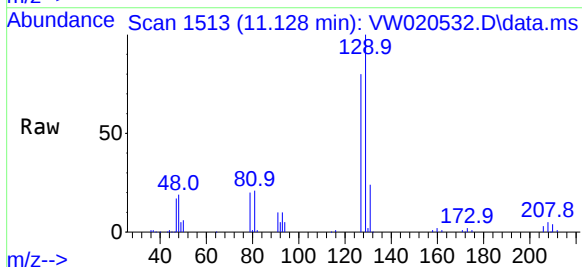
Ion	Ratio	Lower	Upper
43	100		
58	50.4	39.5	59.3
57	17.4	14.2	21.4
100	9.9	8.2	12.4

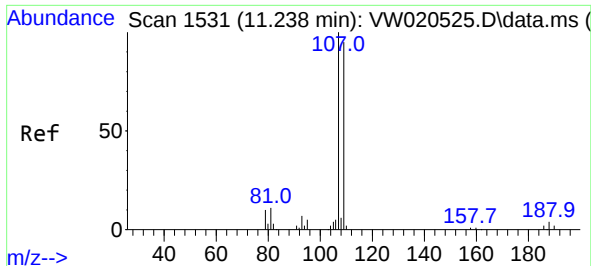


#49
Dibromochloromethane
Concen: 24.370 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 129 Resp: 54839

Ion	Ratio	Lower	Upper
129	100		
127	79.9	55.1	102.3



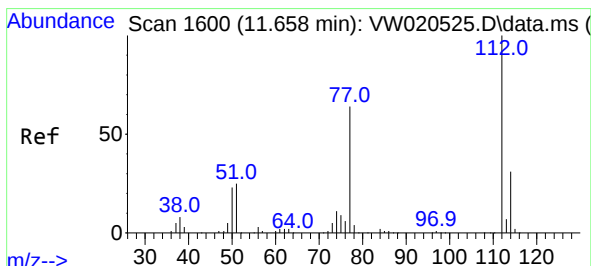
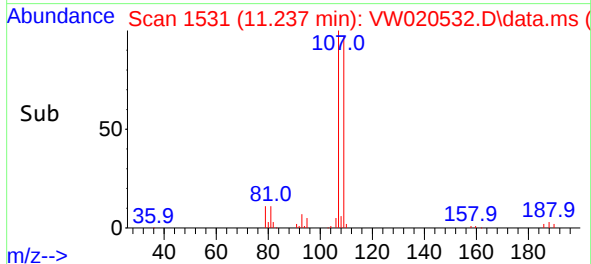
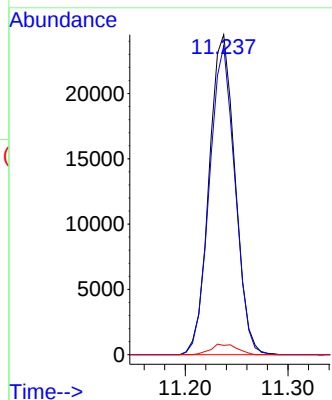
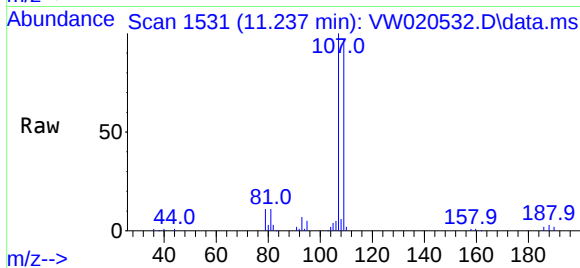


#50
1,2-Dibromoethane
Concen: 22.903 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion:107 Resp: 42969

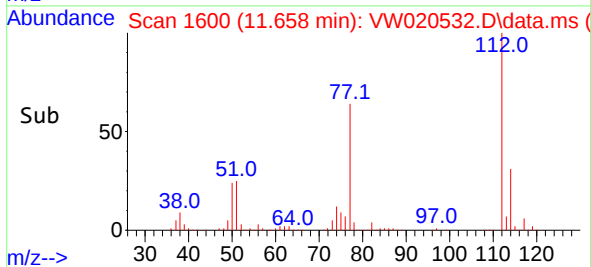
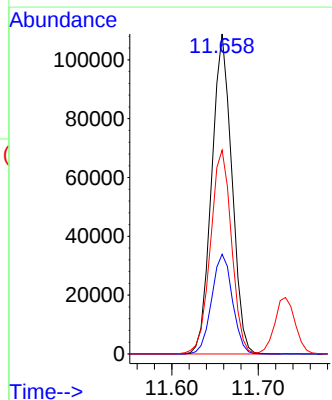
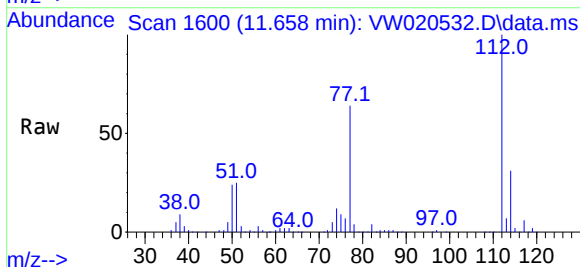
Ion	Ratio	Lower	Upper
107	100		
109	96.6	64.5	119.9
188	2.9	3.2	4.8#

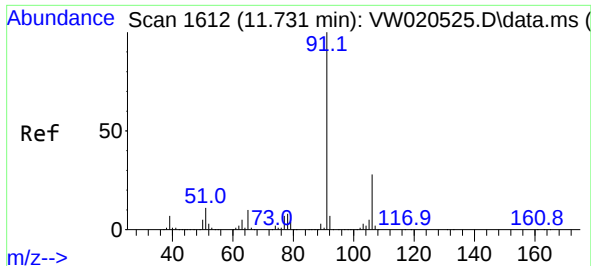


#51
Chlorobenzene
Concen: 23.223 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:112 Resp: 176449

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.5
77	63.7	50.7	76.1

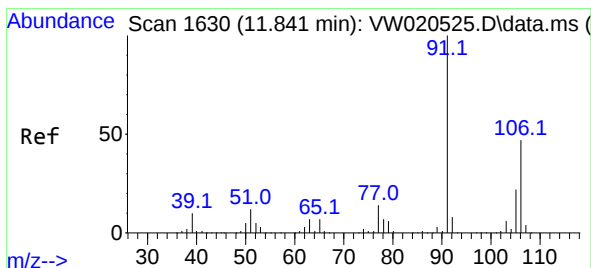
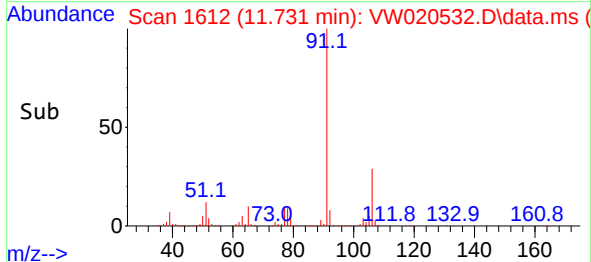
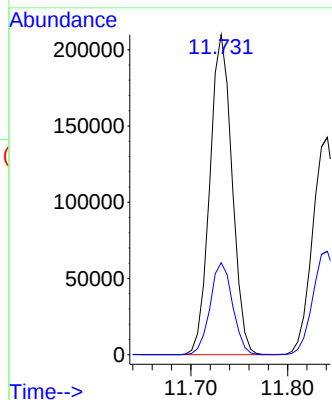
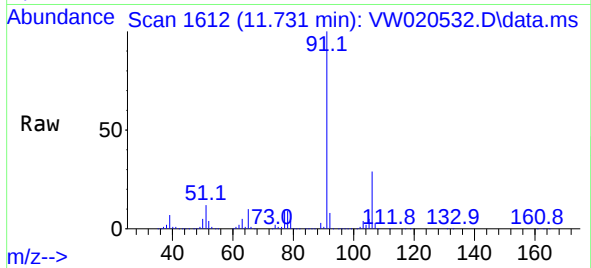




#52
Ethylbenzene
Concen: 25.092 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

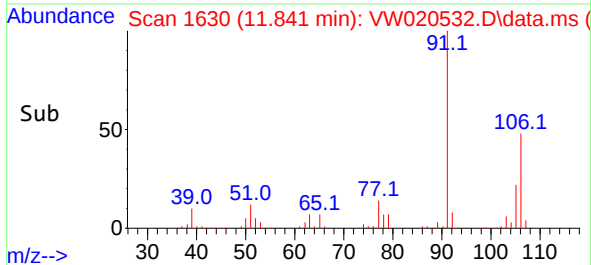
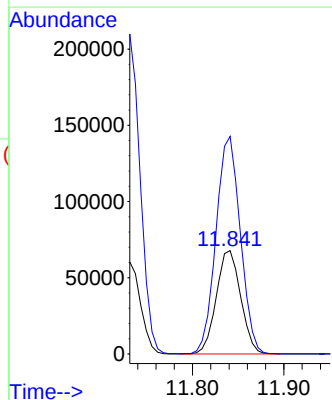
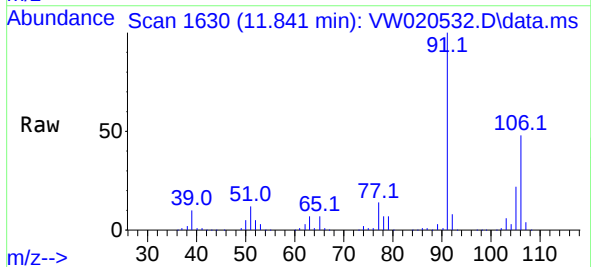
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

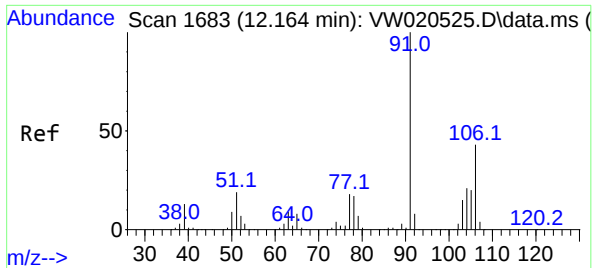
Tgt Ion: 91 Resp: 335274
Ion Ratio Lower Upper
91 100
106 28.7 21.3 39.5



#53
m,p-Xylene
Concen: 25.368 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:106 Resp: 125588
Ion Ratio Lower Upper
106 100
91 210.5 148.2 275.2

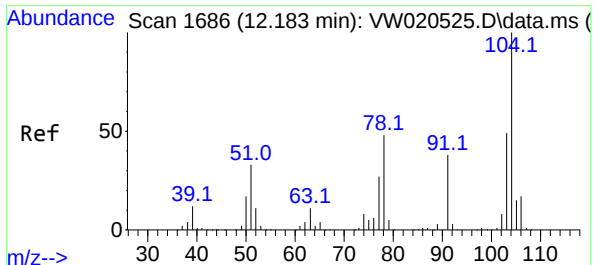
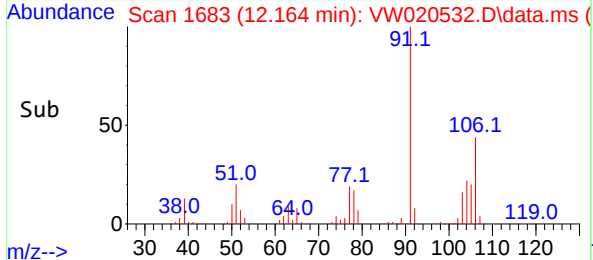
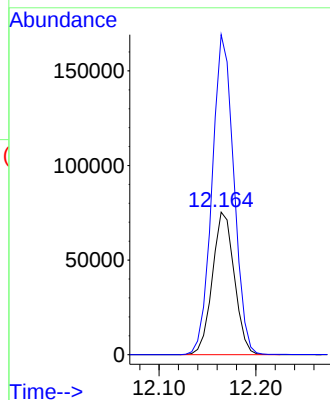
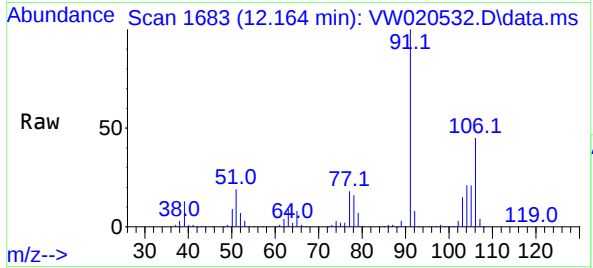




#54
o-Xylene
Concen: 25.965 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

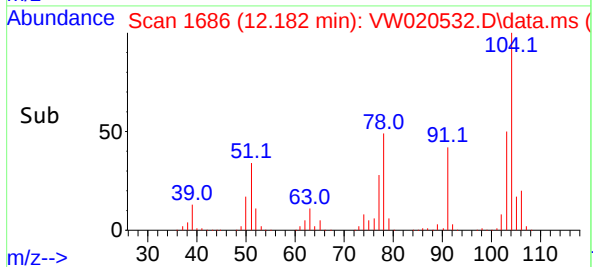
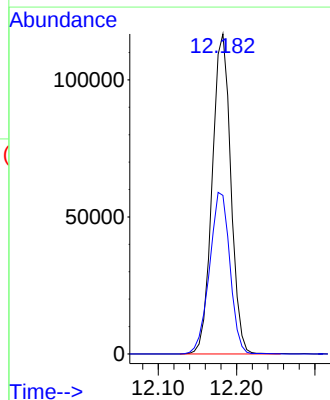
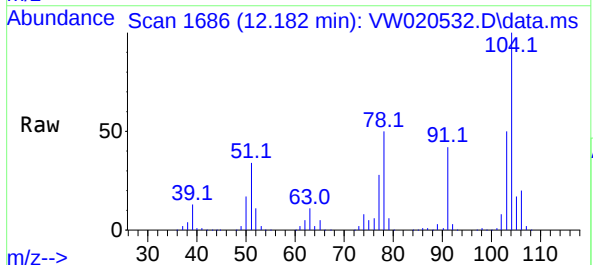
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

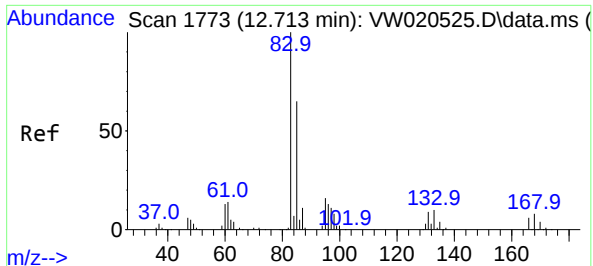
Tgt Ion:106 Resp: 118714
Ion Ratio Lower Upper
106 100
91 224.5 156.1 289.9



#55
Styrene
Concen: 24.077 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:104 Resp: 192478
Ion Ratio Lower Upper
104 100
78 49.5 33.2 61.7

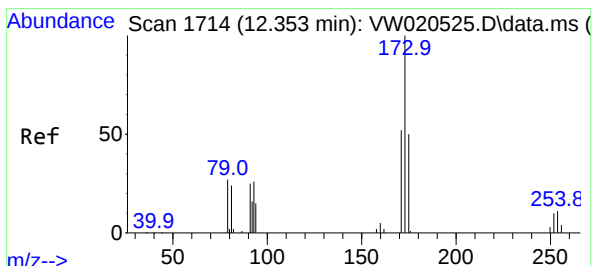
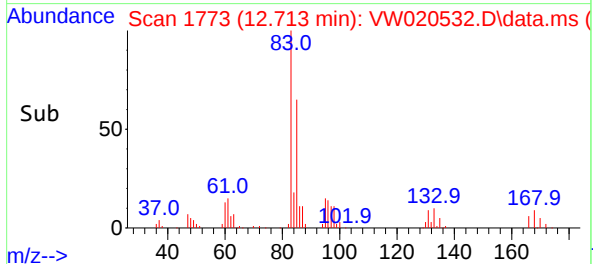
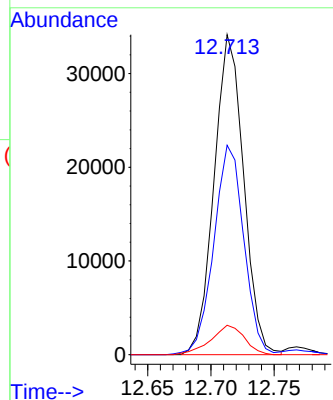
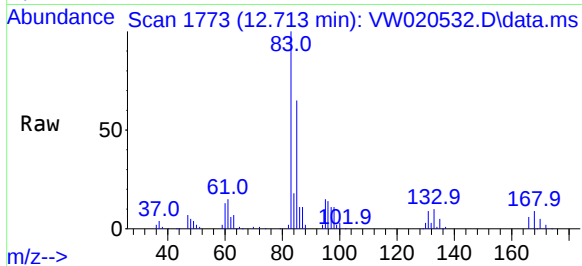




#57
1,1,2,2-Tetrachloroethane
Concen: 21.894 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

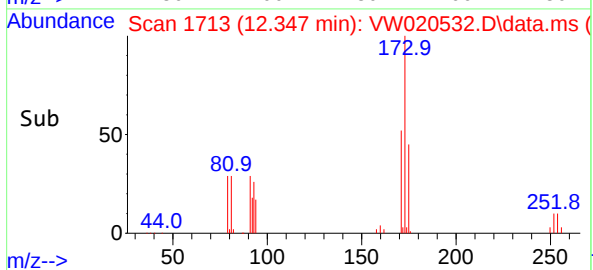
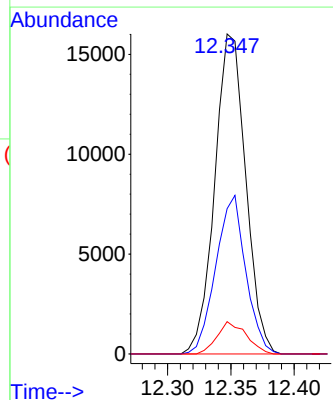
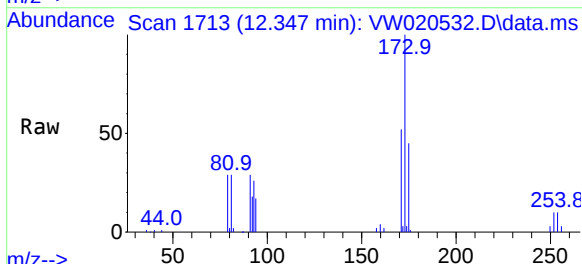
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

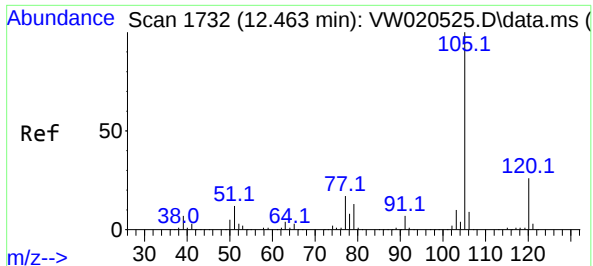
Tgt Ion:	83	Resp:	55438
Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.9	85.3
131	9.2	7.4	11.2



#59
Bromoform
Concen: 27.288 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:	173	Resp:	27281
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.6	57.8
254	9.5	7.3	10.9



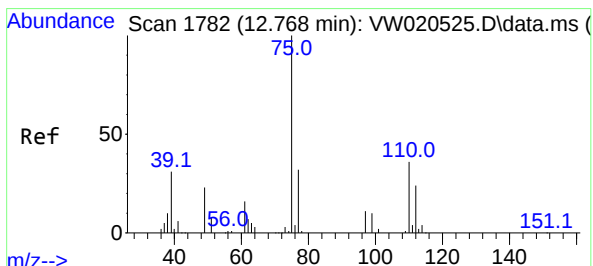
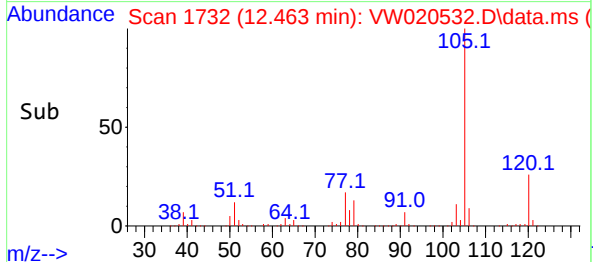
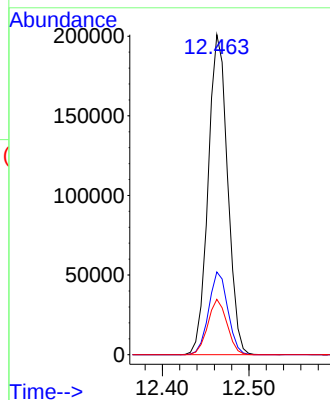
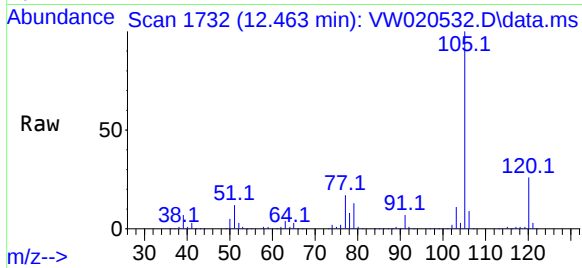


#60
Isopropylbenzene
Concen: 29.884 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion:105 Resp: 313016

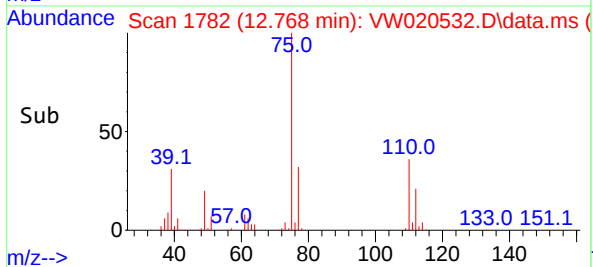
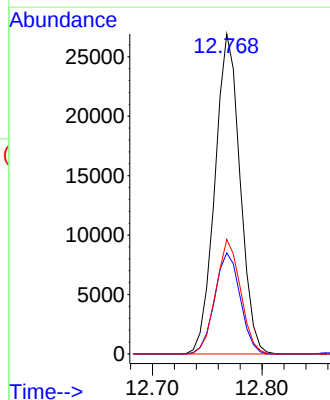
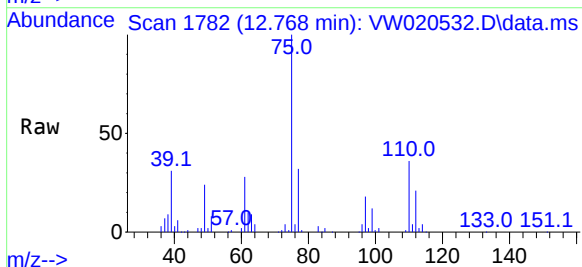
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.3	30.5
77	17.1	13.8	20.6

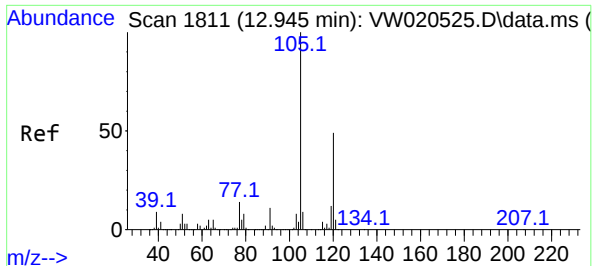


#61
1,2,3-Trichloropropane
Concen: 27.314 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 75 Resp: 42943

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7
110	35.1	29.4	44.0

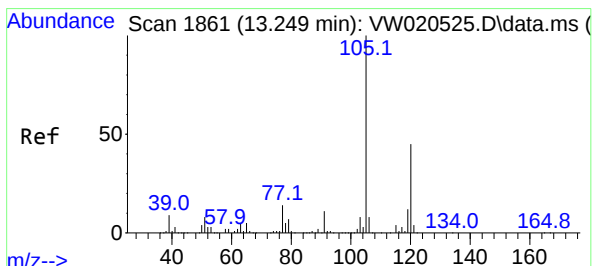
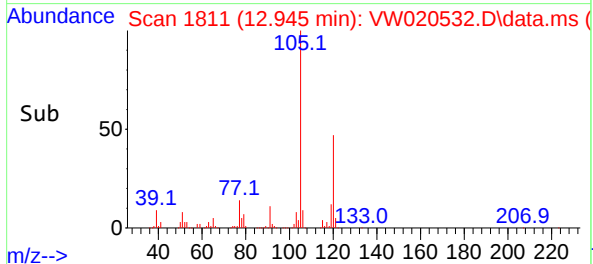
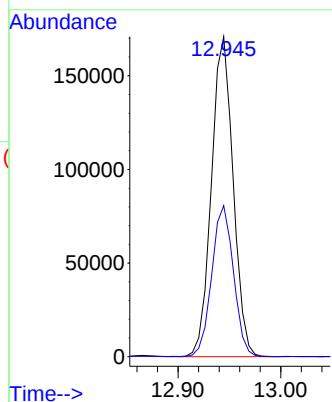
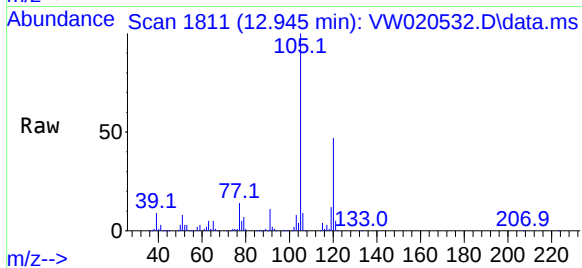




#62
1,3,5-Trimethylbenzene
Concen: 29.311 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

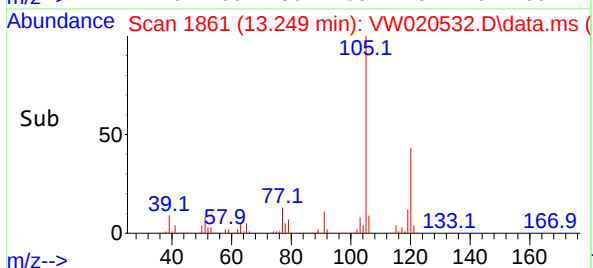
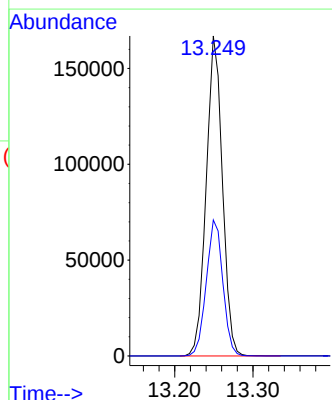
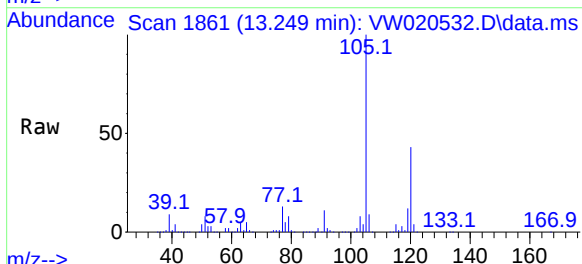
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

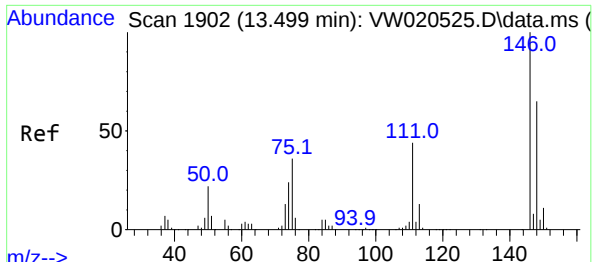
Tgt Ion:105 Resp: 250668
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 28.243 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:105 Resp: 239252
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.2

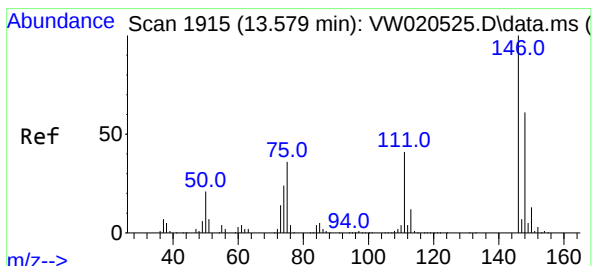
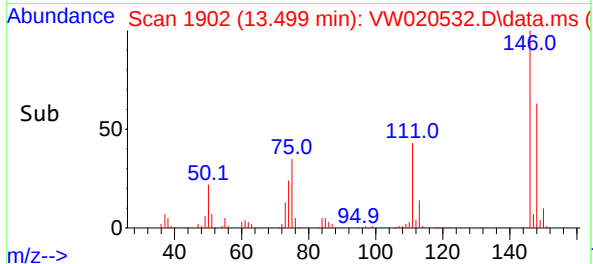
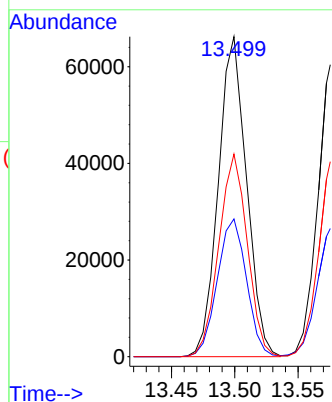
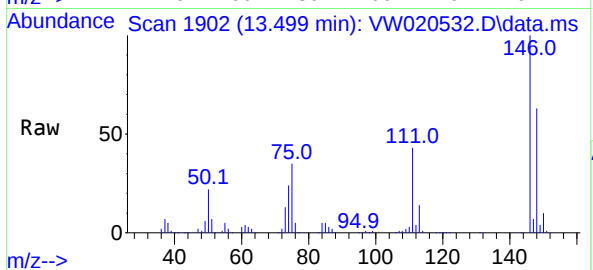




#64
1,3-Dichlorobenzene
Concen: 22.671 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

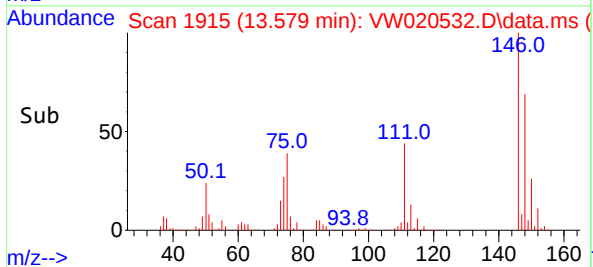
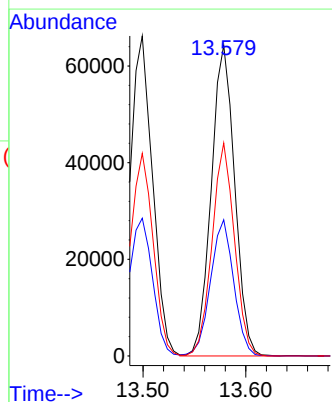
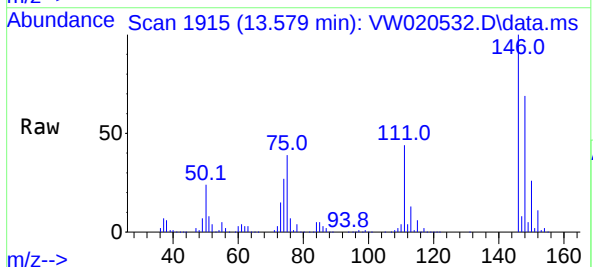
Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

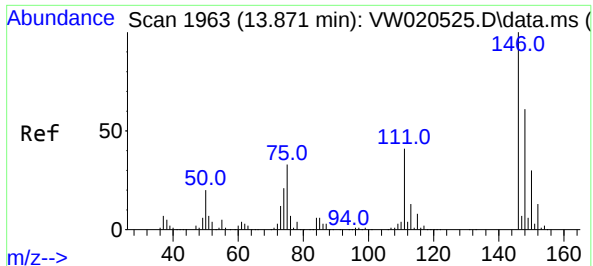
Tgt Ion:146 Resp: 102748
Ion Ratio Lower Upper
146 100
111 43.0 29.0 53.8
148 63.3 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 21.758 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:146 Resp: 101997
Ion Ratio Lower Upper
146 100
111 43.8 30.9 57.5
148 68.5 46.1 85.7



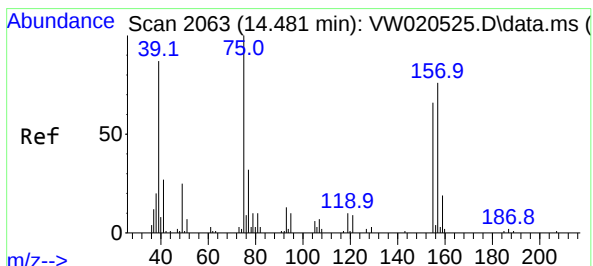
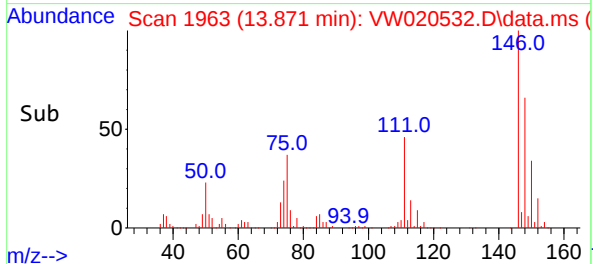
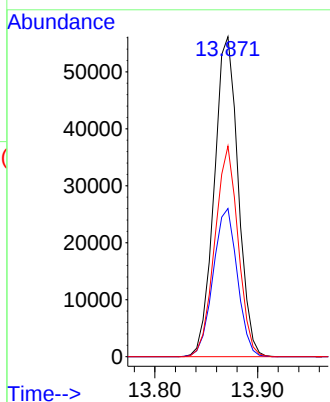
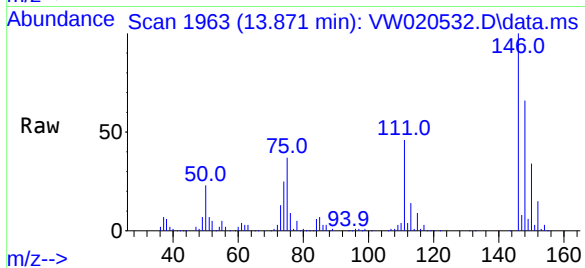


#67
1,2-Dichlorobenzene
Concen: 21.861 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion:146 Resp: 90768

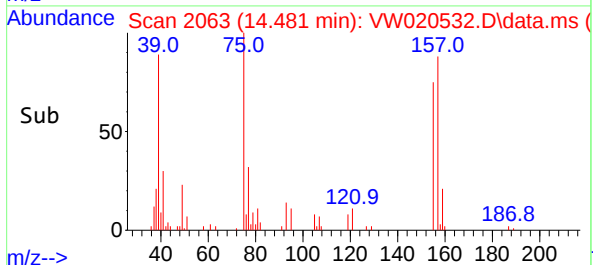
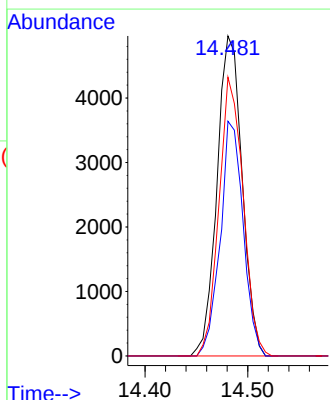
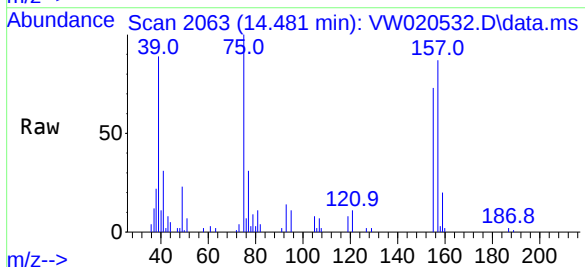
Ion	Ratio	Lower	Upper
146	100		
111	46.3	33.9	50.9
148	65.8	51.0	76.4

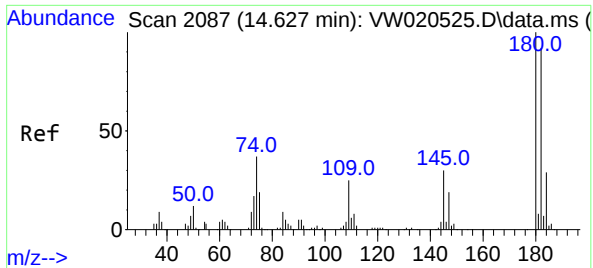


#68
1,2-Dibromo-3-chloropropane
Concen: 25.186 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion: 75 Resp: 8411

Ion	Ratio	Lower	Upper
75	100		
155	73.4	51.4	77.0
157	87.1	70.8	106.2



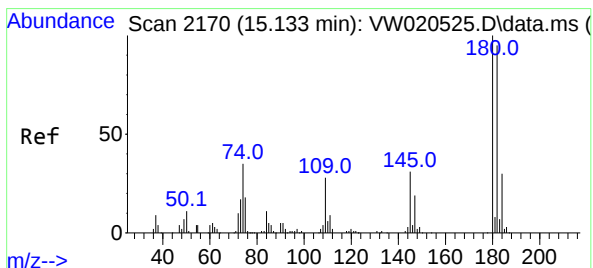
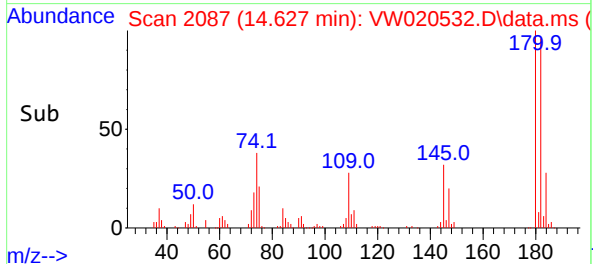
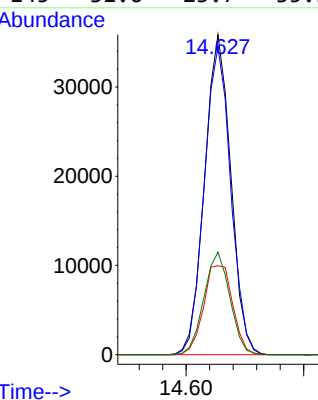
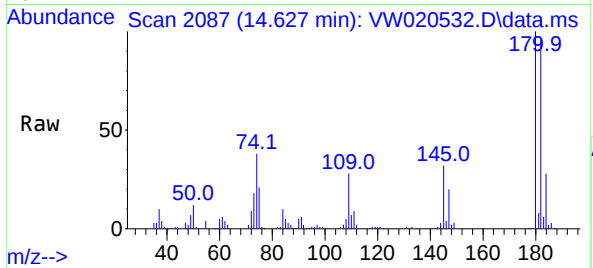


#69
1,3,5-Trichlorobenzene
Concen: 17.238 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD

Tgt Ion:180 Resp: 55707

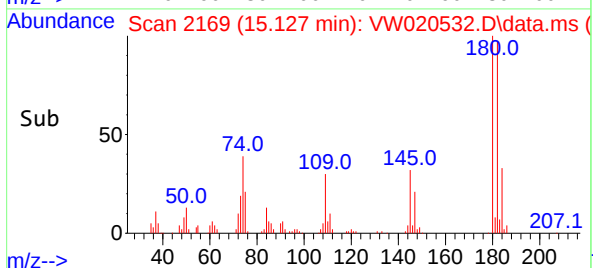
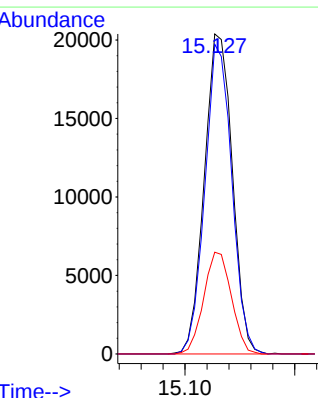
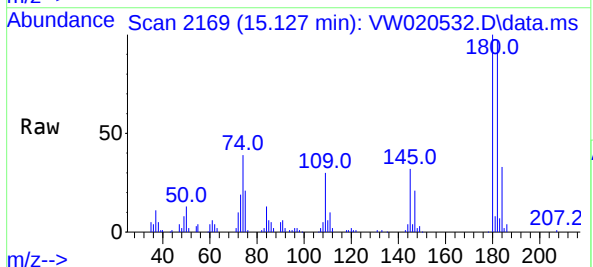
Ion	Ratio	Lower	Upper
180	100		
182	97.0	73.4	110.0
184	31.0	24.2	36.4
145	31.6	23.7	35.5

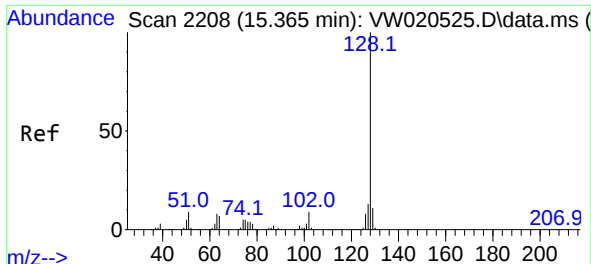


#70
1,2,4-trichlorobenzene
Concen: 14.121 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:180 Resp: 36136

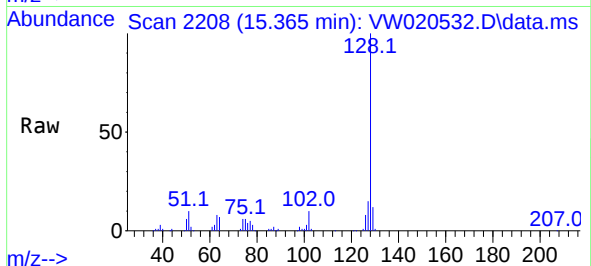
Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.8
145	31.4	24.8	37.2



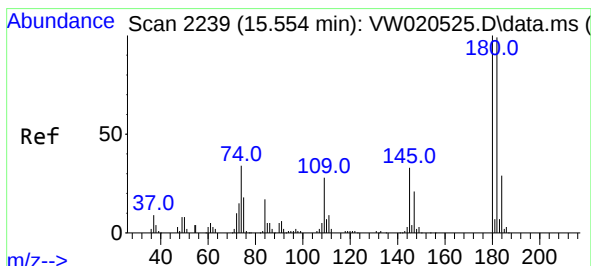
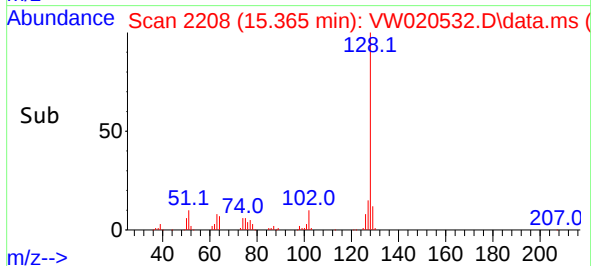
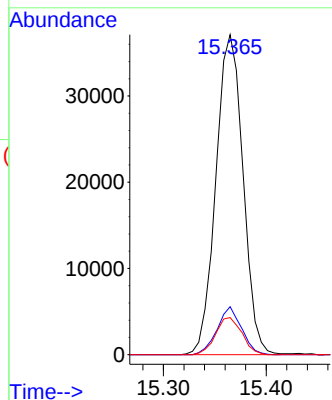


#71
Naphthalene
Concen: 14.783 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :
JDGE4MSD



Tgt Ion:128 Resp: 68015
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 13.548 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020532.D
Acq: 15 Oct 2021 14:34

Tgt Ion:180 Resp: 30449
Ion Ratio Lower Upper
180 100
182 92.7 74.8 112.2
145 33.3 26.2 39.4

