

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041422\
 Data File : VW022549.D
 Acq On : 14 Apr 2022 16:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD025487

Quant Time: Apr 15 01:31:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 15 01:29:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320004	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310744	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116769	16.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
7) Chloroethane-d5	2.885	69	98484	22.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	4.025	63	168926	18.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.640%
21) 2-Butanone-d5	7.080	46	76268	61.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.500%
24) Chloroform-d	7.647	84	231927	23.188	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	134368	23.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.275	84	391517	20.622	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.480%
36) 1,2-Dichloropropane-d6	9.274	67	124822	22.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	10.323	98	378167	20.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.360%
43) trans-1,3-Dichloroprop...	10.573	79	55653	21.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.840%
47) 2-Hexanone-d5	10.920	63	64590	63.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	139266	29.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	156616	25.380	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	76512	48.775	ug/L	100
3) Chloromethane	2.221	50	84229	21.536	ug/L	99
5) Vinyl chloride	2.361	62	184334	22.588	ug/L	95
6) Bromomethane	2.776	94	127643	25.729	ug/L	97
8) Chloroethane	2.922	64	97292	27.231	ug/L	98
9) Trichlorofluoromethane	3.257	101	66512	22.076	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	116744	24.334	ug/L	98
12) 1,1-Dichloroethene	4.044	96	105580	24.504	ug/L	89
13) Acetone	4.129	43	42277	50.275	ug/L	91
14) Carbon disulfide	4.391	76	279517	19.720	ug/L	99
15) Methyl Acetate	4.672	43	51186	24.256	ug/L	92
16) Methylene chloride	4.928	84	118048	24.516	ug/L	88
17) trans-1,2-Dichloroethene	5.421	96	117512	23.282	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	194097	23.546	ug/L	96
19) 1,1-Dichloroethane	6.214	63	213086	23.137	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	131088	24.591	ug/L	88
22) 2-Butanone	7.171	43	70557	55.554	ug/L	98
23) Bromochloromethane	7.513	128	59199	25.804	ug/L	96
25) Chloroform	7.677	83	241336	24.880	ug/L	99

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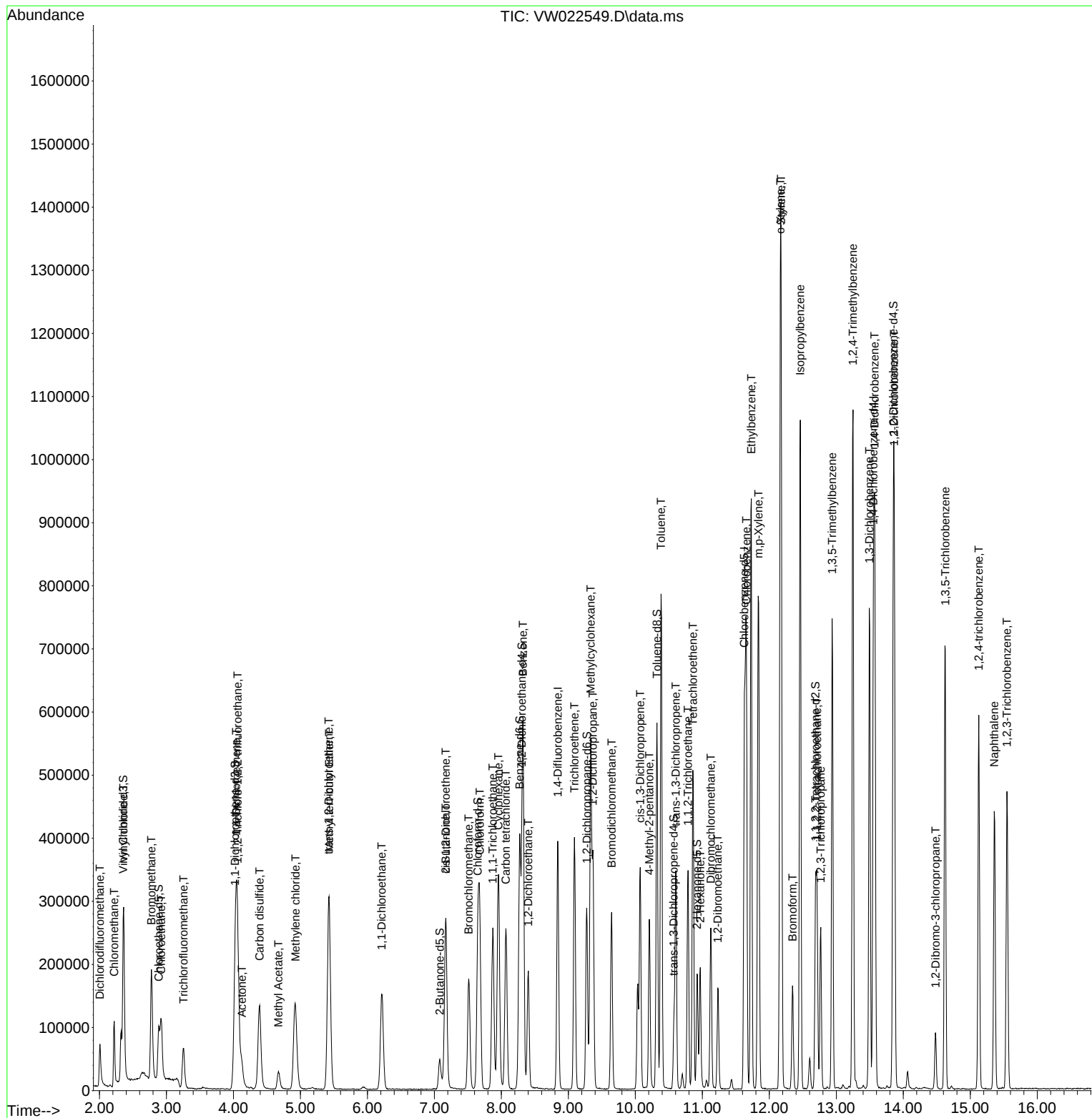
Quant Time: Apr 15 01:31:40 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 15 01:29:34 2022
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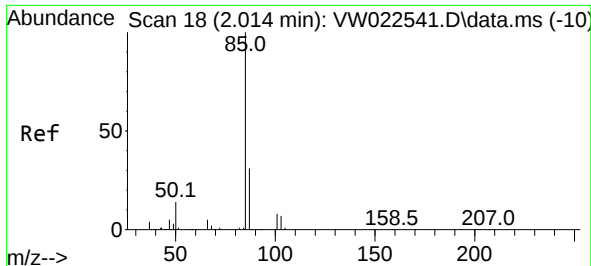
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	164396	24.113	ug/L #	95
29) Cyclohexane	7.958	56	187060	21.033	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	196124	22.752	ug/L	99
31) Carbon tetrachloride	8.067	117	187071	24.180	ug/L	99
33) Benzene	8.323	78	499886	23.694	ug/L	100
34) Trichloroethene	9.091	95	133789	23.684	ug/L	96
35) Methylcyclohexane	9.335	83	228281	22.524	ug/L	96
37) 1,2-Dichloropropane	9.366	63	121380	24.016	ug/L	100
38) Bromodichloromethane	9.646	83	179300	24.669	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	193806	24.165	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	166229	53.892	ug/L	96
42) Toluene	10.384	91	570821	23.612	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	176321	24.553	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	102703	26.625	ug/L	97
46) Tetrachloroethene	10.859	164	101600	24.468	ug/L	93
48) 2-Hexanone	10.969	43	120040	55.164	ug/L	98
49) Dibromochloromethane	11.128	129	126127	27.416	ug/L	93
50) 1,2-Dibromoethane	11.231	107	102672	26.956	ug/L	97
51) Chlorobenzene	11.658	112	364782	24.692	ug/L	97
52) Ethylbenzene	11.731	91	658488	24.300	ug/L	95
53) m,p-Xylene	11.841	106	257017	24.945	ug/L	86
54) o-Xylene	12.164	106	248899	25.279	ug/L	95
55) Styrene	12.176	104	429600	25.538	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	132773	28.044	ug/L	97
59) Bromoform	12.347	173	66047	25.513	ug/L	99
60) Isopropylbenzene	12.463	105	687978	23.772	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96624	26.072	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	387743	24.362	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	586508	24.233	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	295838	25.188	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	299788	25.593	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	270748	25.776	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21670	25.212	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	190054	24.801	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	159303	24.752	ug/L	94
71) Naphthalene	15.359	128	369722	27.236	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	145714	26.488	ug/L	99

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

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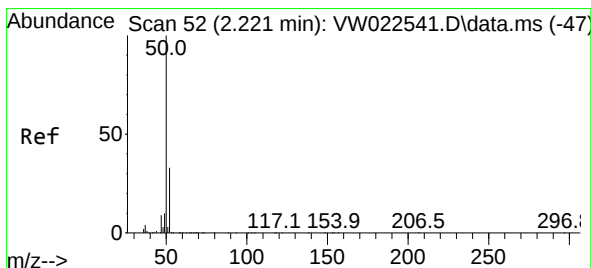
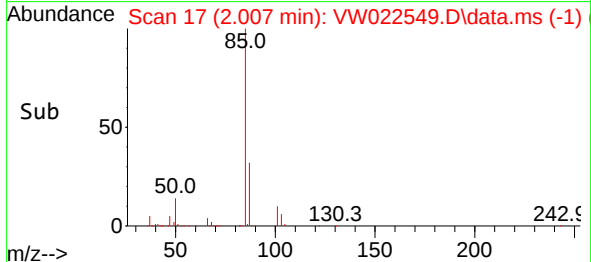
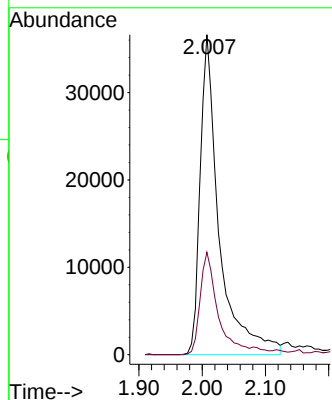
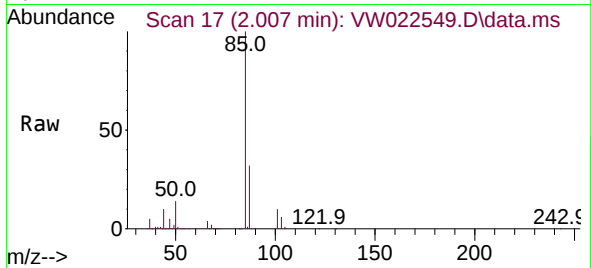




#2
Dichlorodifluoromethane
Concen: 48.775 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

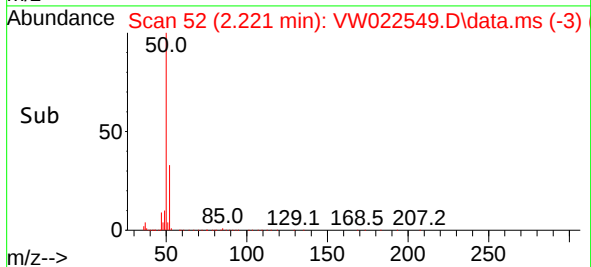
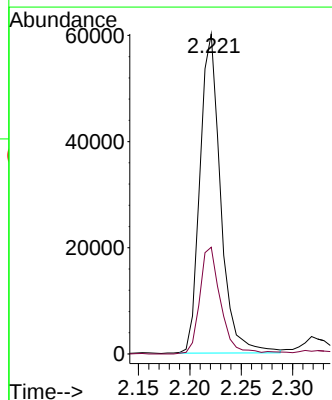
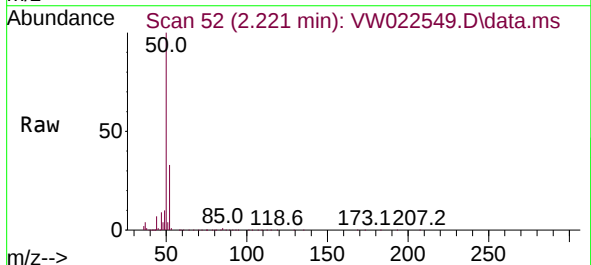
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

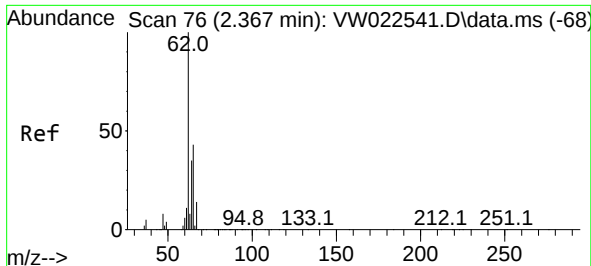
Tgt Ion: 85 Resp: 76512
Ion Ratio Lower Upper
85 100
87 29.7 23.7 35.5



#3
Chloromethane
Concen: 21.536 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 50 Resp: 84229
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.6

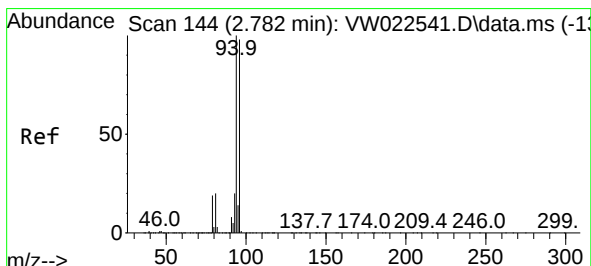
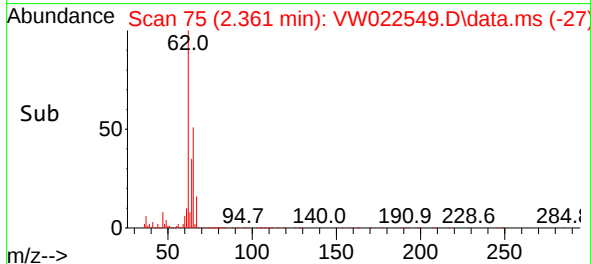
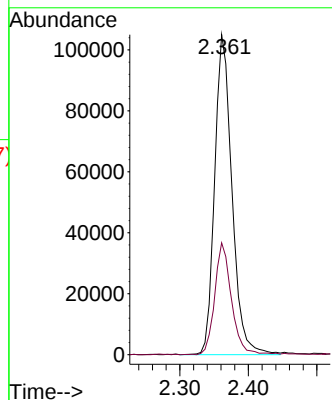
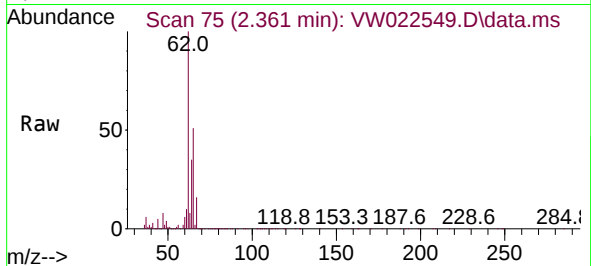




#5
 Vinyl chloride
 Concen: 22.588 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022549.D
 Acq: 14 Apr 2022 16:11

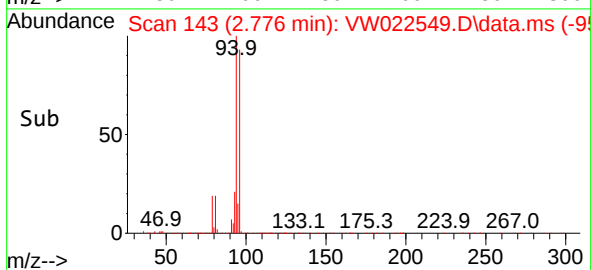
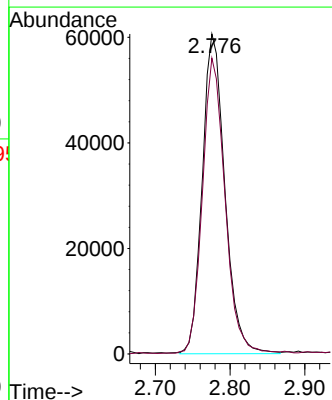
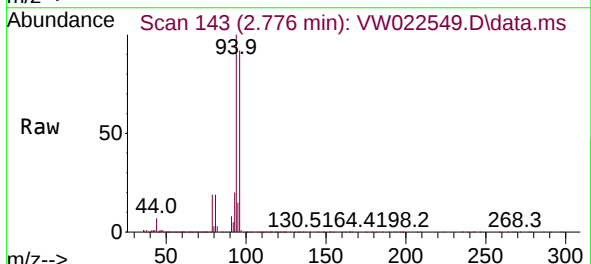
Instrument :
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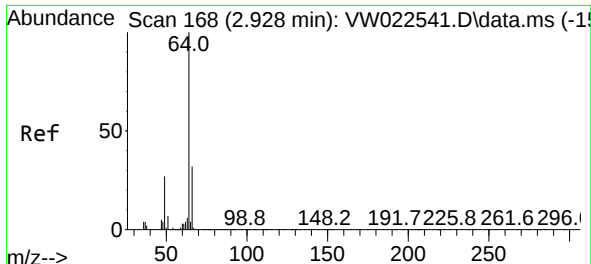
Tgt Ion: 62 Resp: 184334
 Ion Ratio Lower Upper
 62 100
 64 35.0 26.5 49.3



#6
 Bromomethane
 Concen: 25.729 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022549.D
 Acq: 14 Apr 2022 16:11

Tgt Ion: 94 Resp: 127643
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.6 123.6

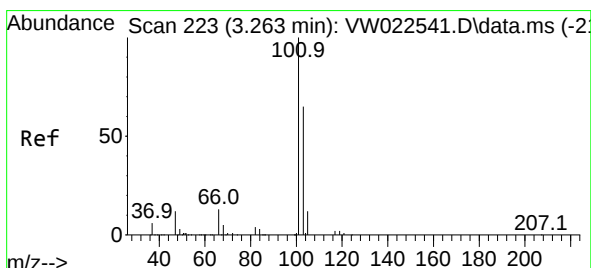
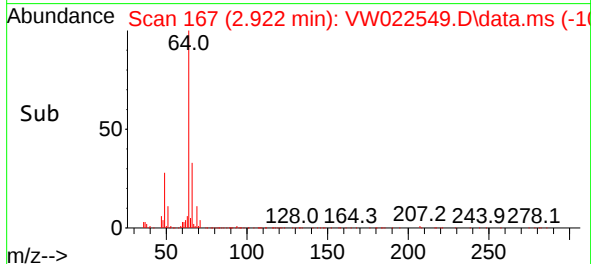
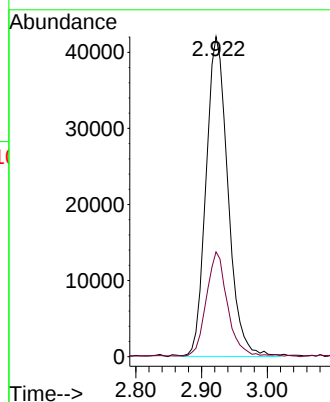
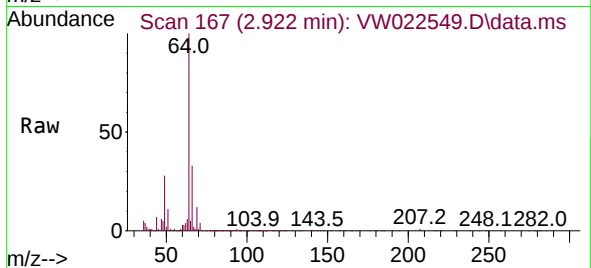




#8
Chloroethane
Concen: 27.231 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

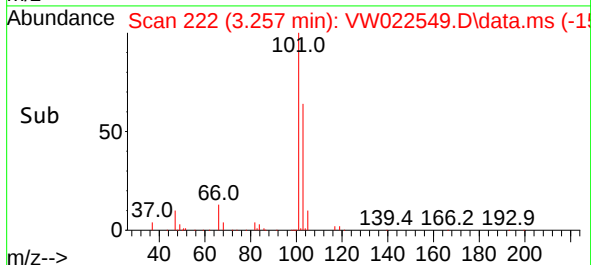
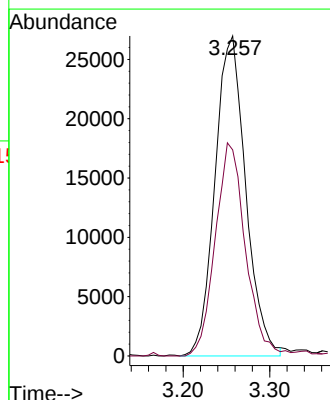
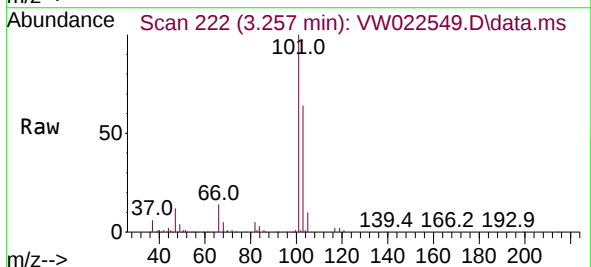
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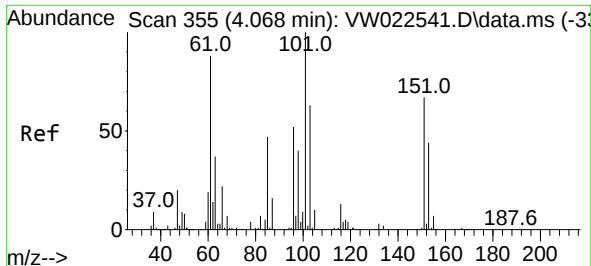
Tgt Ion: 64 Resp: 97292
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.076 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion:101 Resp: 66512
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

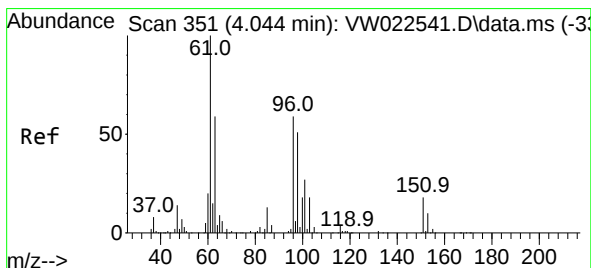
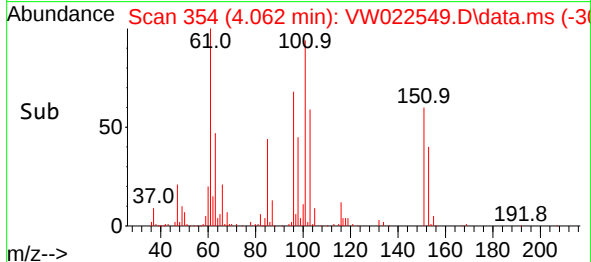
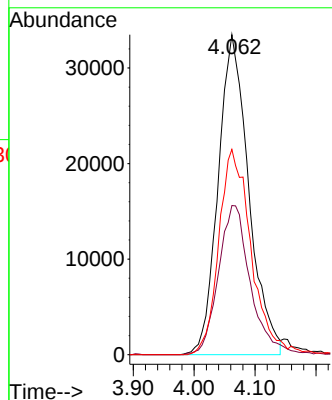
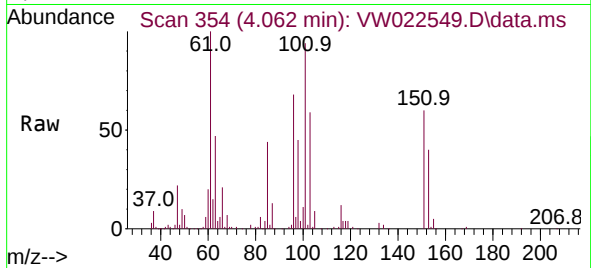




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.334 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022549.D
 Acq: 14 Apr 2022 16:11

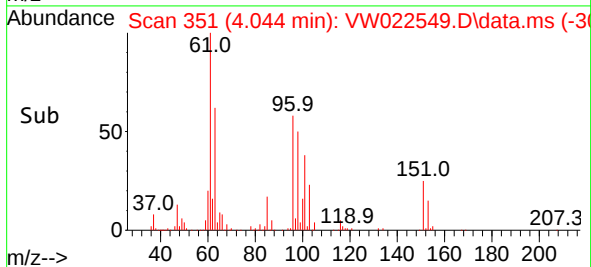
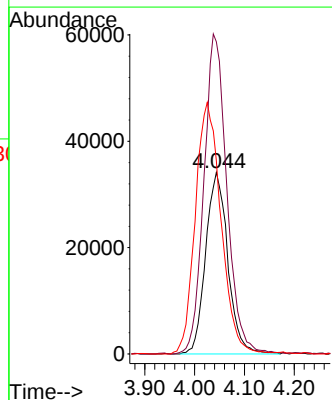
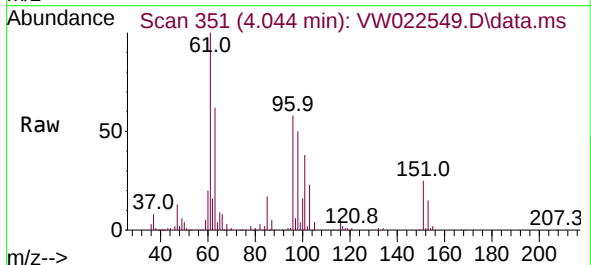
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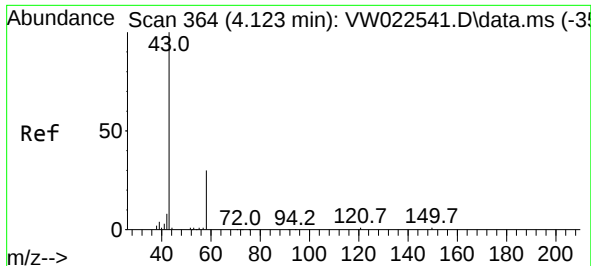
Tgt Ion:101 Resp: 116744
 Ion Ratio Lower Upper
 101 100
 85 48.6 39.2 58.8
 151 67.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.504 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022549.D
 Acq: 14 Apr 2022 16:11

Tgt Ion: 96 Resp: 105580
 Ion Ratio Lower Upper
 96 100
 61 171.9 128.0 237.6
 63 106.3 86.6 160.8

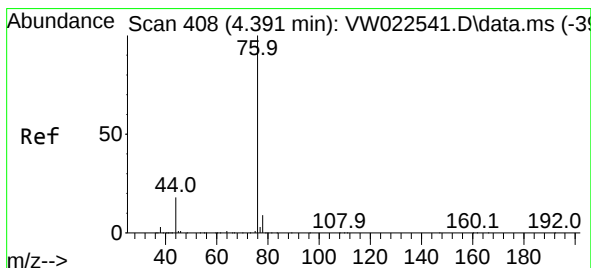
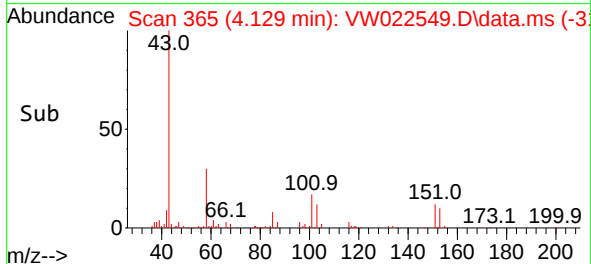
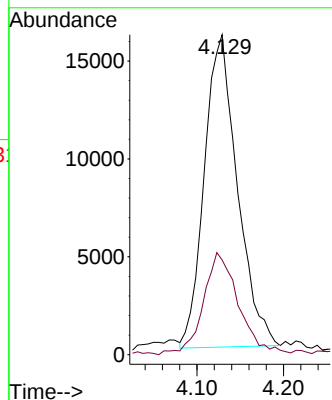
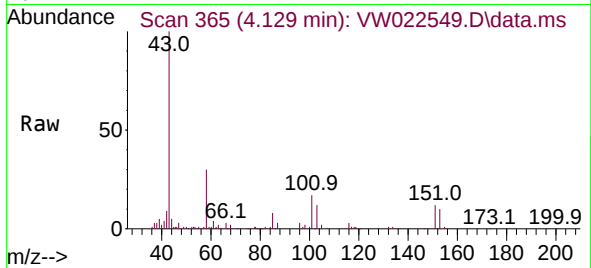




#13
Acetone
Concen: 50.275 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

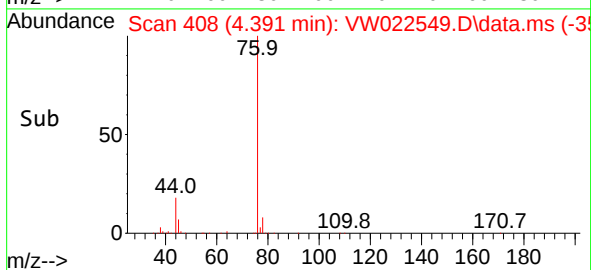
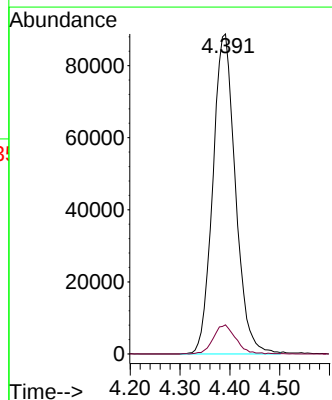
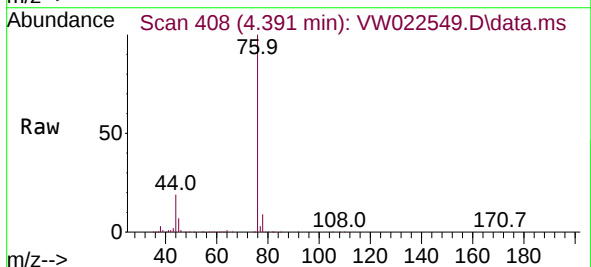
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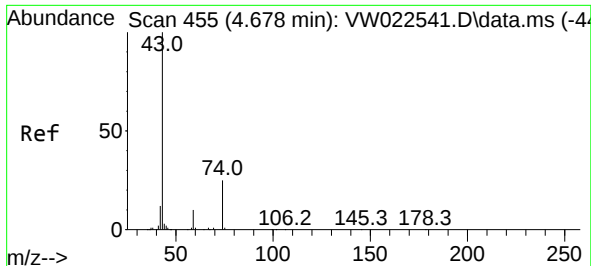
Tgt Ion: 43 Resp: 42277
Ion Ratio Lower Upper
43 100
58 33.3 0.0 57.0



#14
Carbon disulfide
Concen: 19.720 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW022549.D
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Tgt Ion: 76 Resp: 279517
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

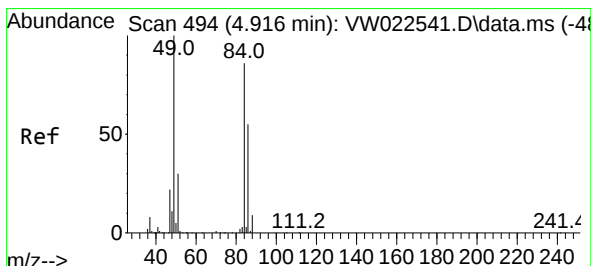
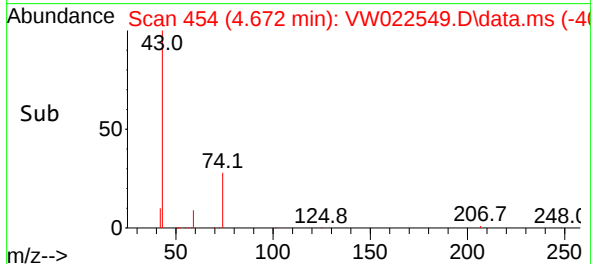
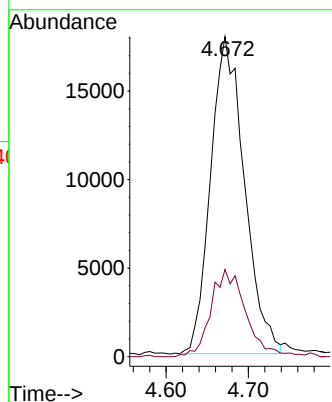
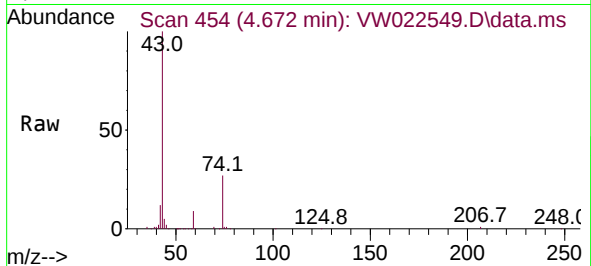




#15
Methyl Acetate
Concen: 24.256 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

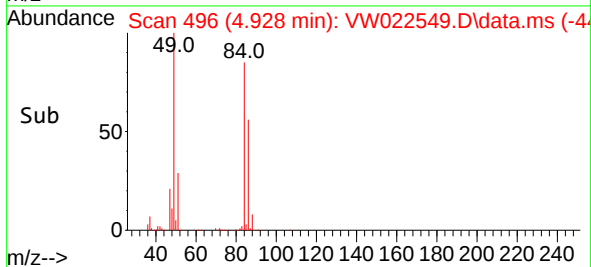
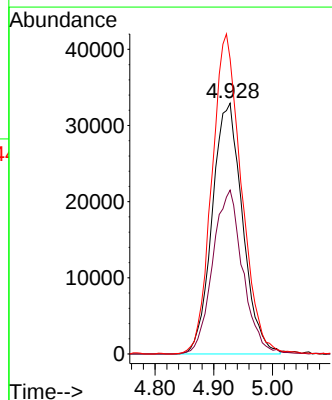
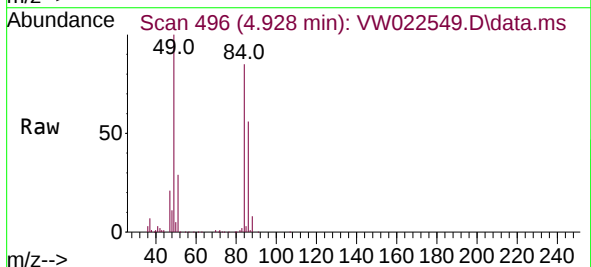
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

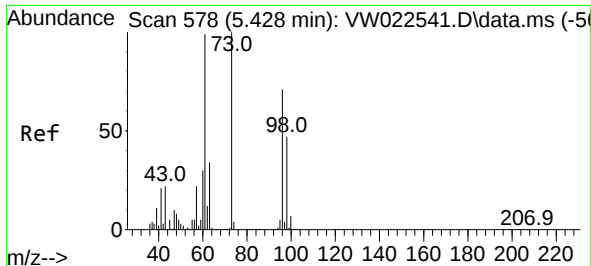
Tgt Ion: 43 Resp: 51186
Ion Ratio Lower Upper
43 100
74 26.9 18.5 27.7



#16
Methylene chloride
Concen: 24.516 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 84 Resp: 118048
Ion Ratio Lower Upper
84 100
86 65.4 42.8 79.4
49 117.7 94.2 175.0

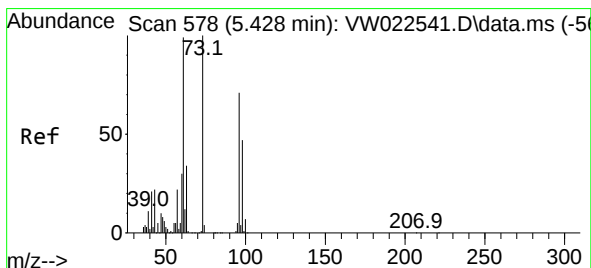
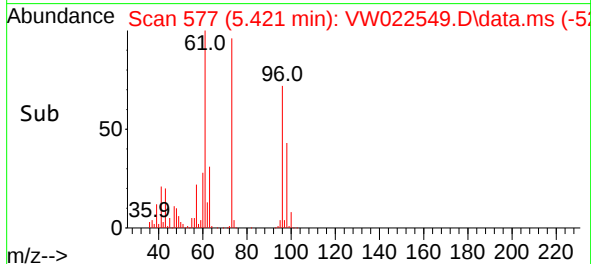
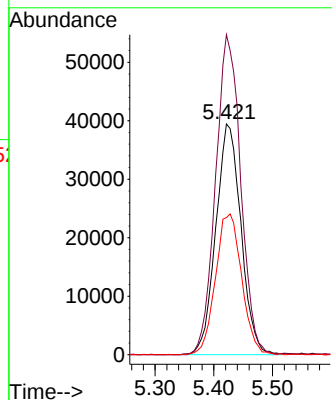
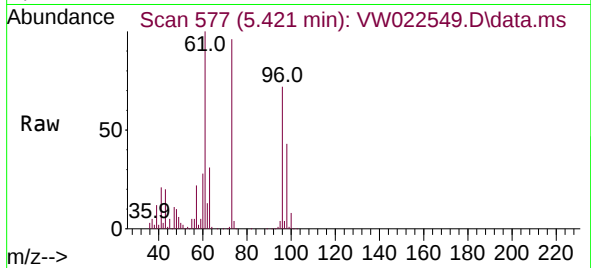




#17
trans-1,2-Dichloroethene
Concen: 23.282 ug/L
RT: 5.421 min Scan# 511
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

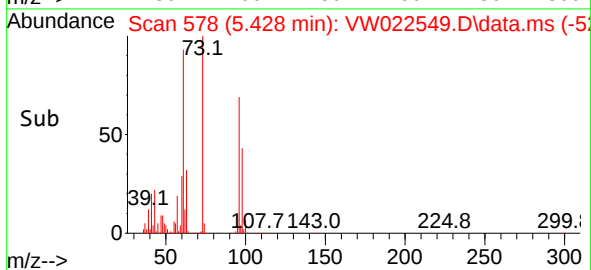
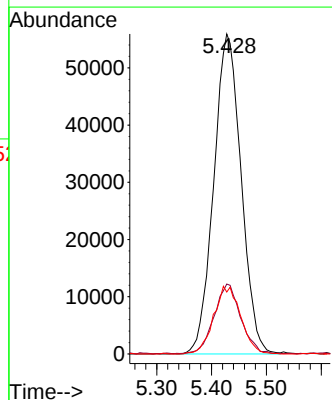
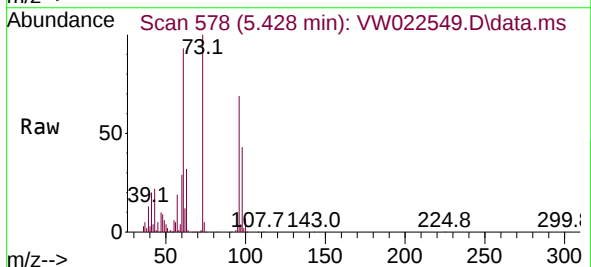
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

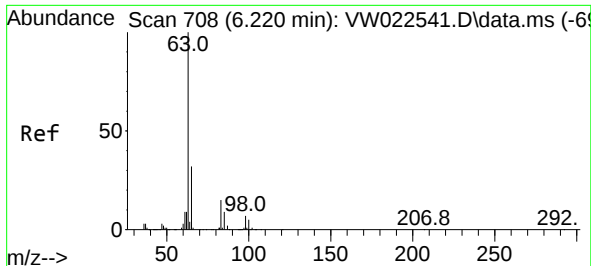
Tgt Ion: 96 Resp: 117512
Ion Ratio Lower Upper
96 100
61 138.7 99.8 185.4
98 59.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.546 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 73 Resp: 194097
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 20.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.137 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD025487

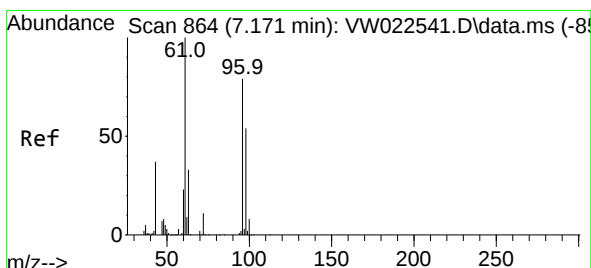
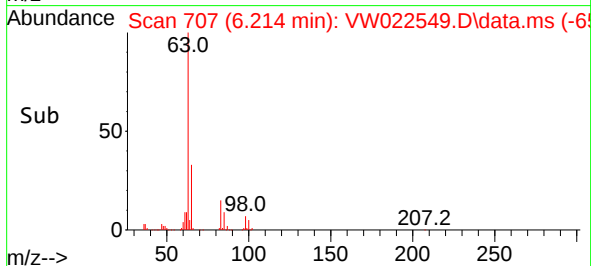
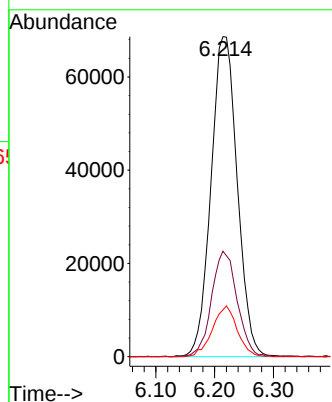
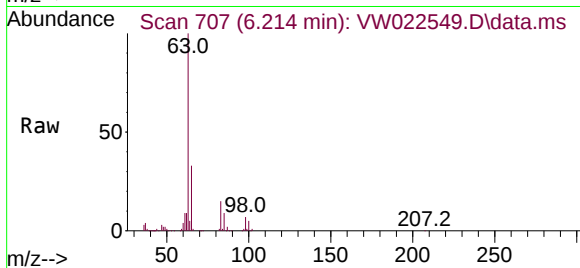
Tgt Ion: 63 Resp: 213086

Ion Ratio Lower Upper

63 100

65 33.0 21.1 39.3

83 14.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.591 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

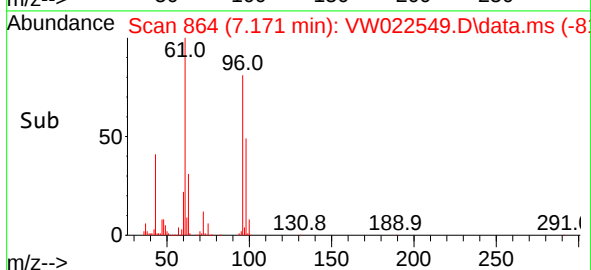
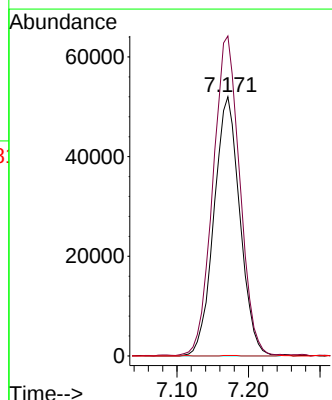
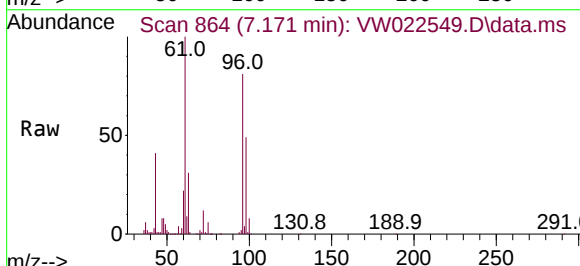
Tgt Ion: 96 Resp: 131088

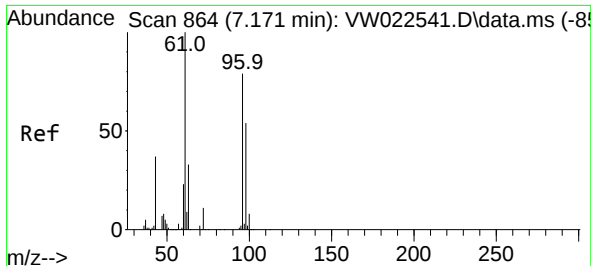
Ion Ratio Lower Upper

96 100

61 123.4 96.4 179.0

68 0.2 0.1 0.3

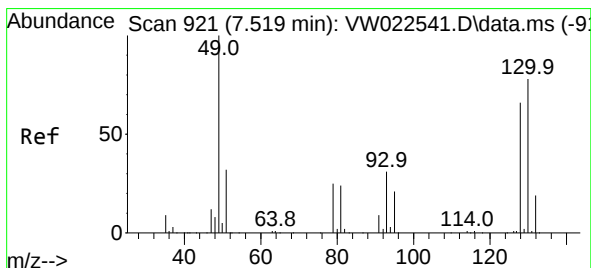
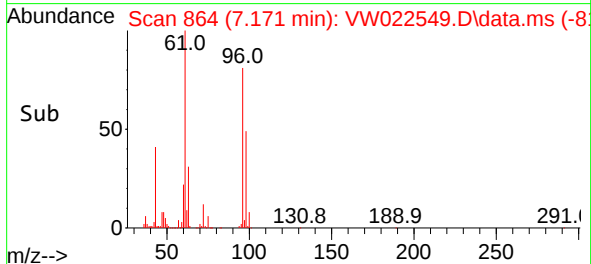
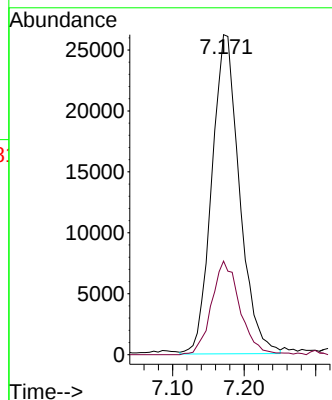
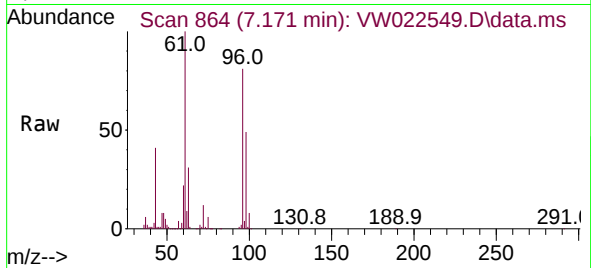




#22
2-Butanone
Concen: 55.554 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

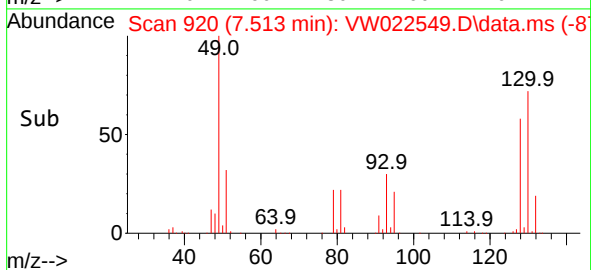
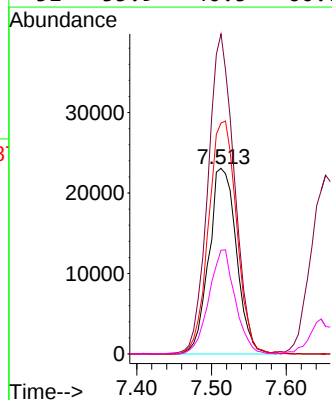
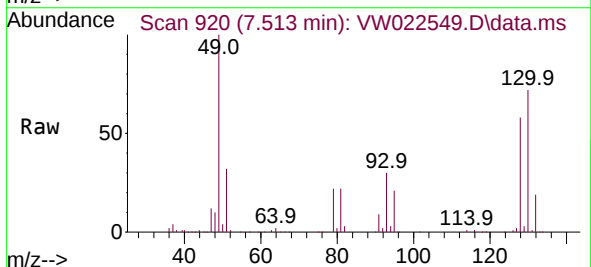
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

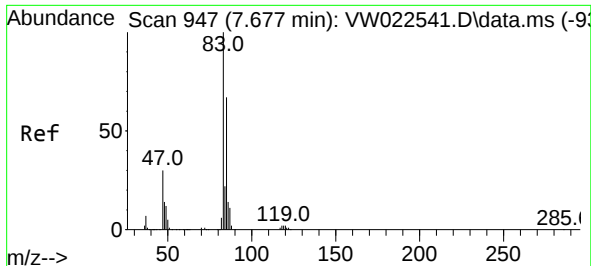
Tgt Ion: 43 Resp: 70557
Ion Ratio Lower Upper
43 100
72 29.1 14.0 42.0



#23
Bromochloromethane
Concen: 25.804 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 128 Resp: 59199
Ion Ratio Lower Upper
128 100
49 172.4 120.8 224.3
130 124.4 81.8 151.8
51 55.9 40.5 60.7

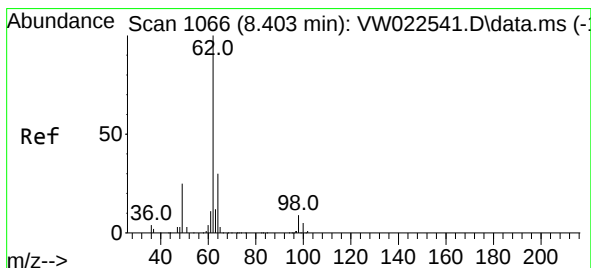
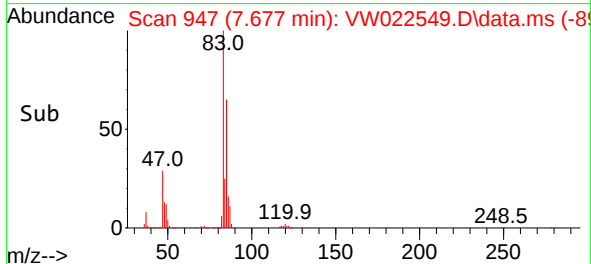
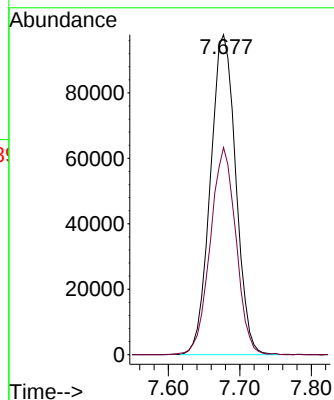
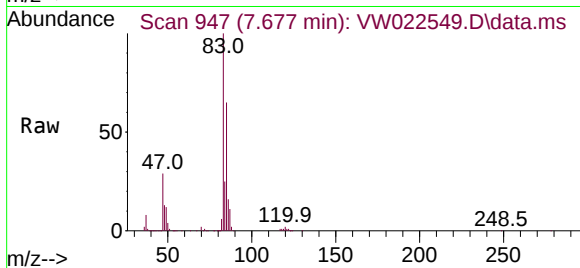




#25
Chloroform
Concen: 24.880 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

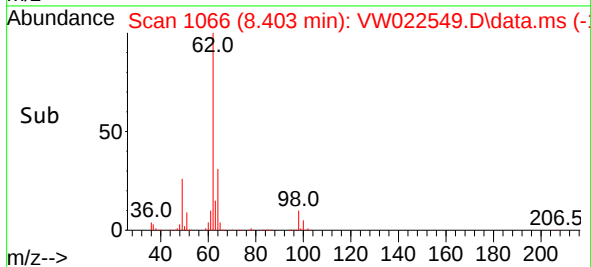
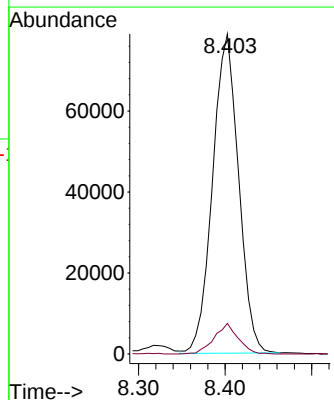
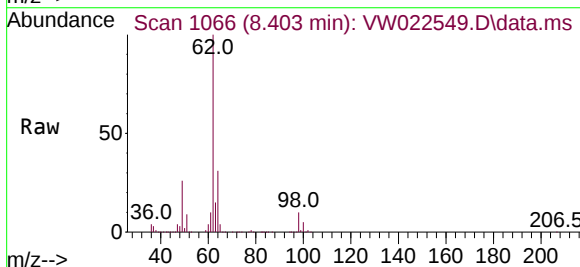
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

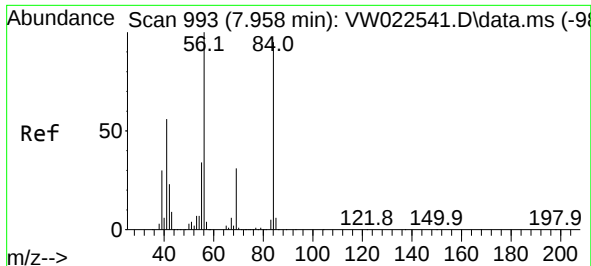
Tgt Ion: 83 Resp: 241336
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.113 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 62 Resp: 164396
Ion Ratio Lower Upper
62 100
98 9.6 6.2 9.2#





#29

Cyclohexane

Concen: 21.033 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

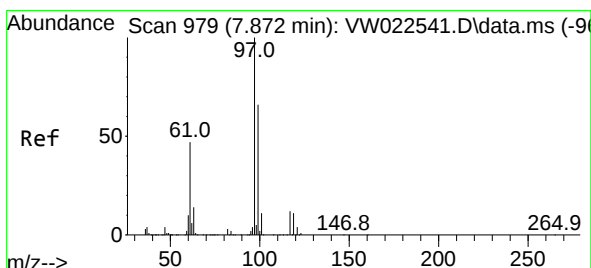
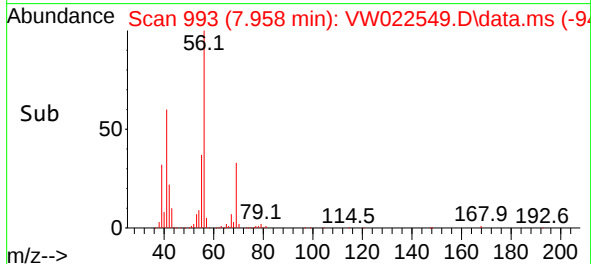
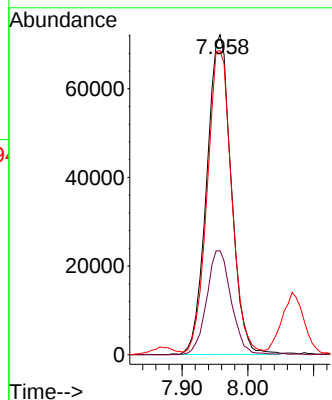
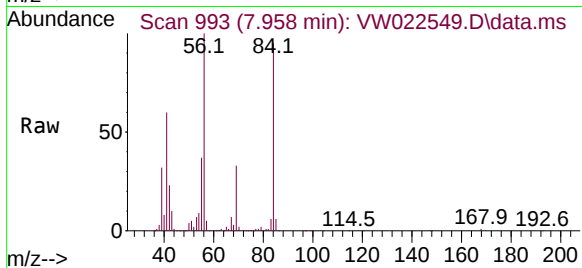
MSVOA_U

ClientSampleId :

VSTD025487

Tgt Ion: 56 Resp: 187060

Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.4	36.6
84	95.3	72.6	108.8



#30

1,1,1-Trichloroethane

Concen: 22.752 ug/L

RT: 7.872 min Scan# 979

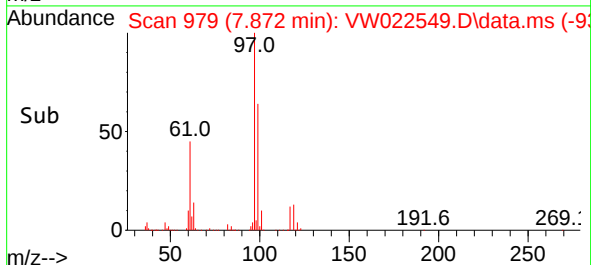
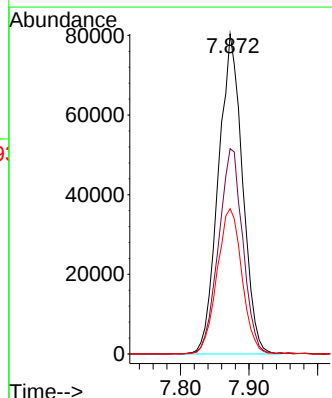
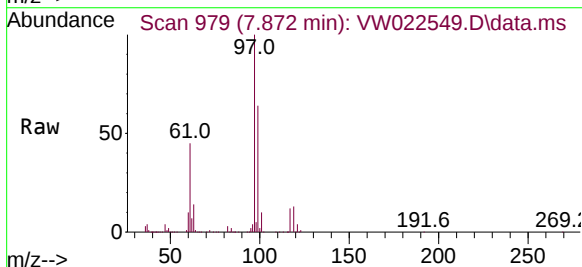
Delta R.T. -0.000 min

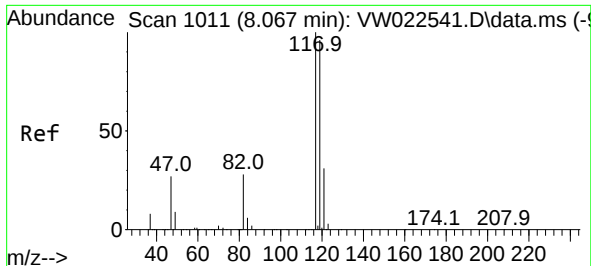
Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Tgt Ion: 97 Resp: 196124

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	46.8	38.7	58.1

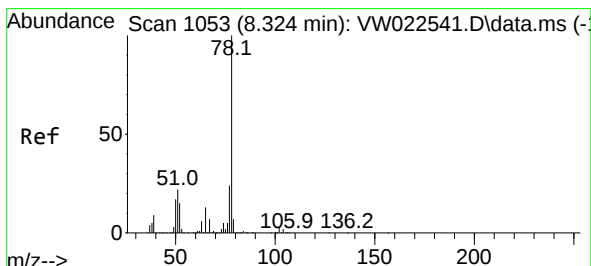
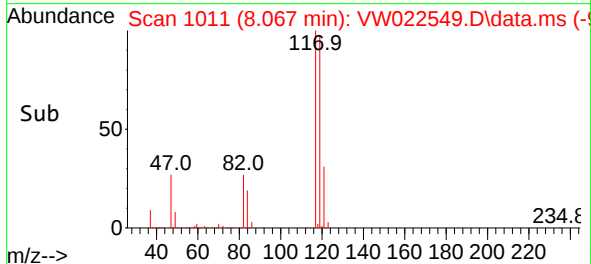
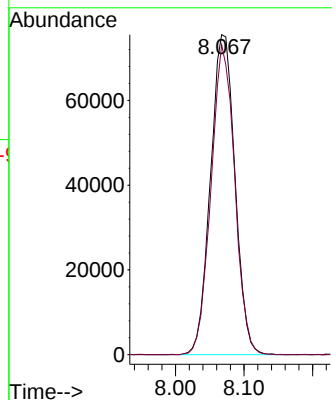
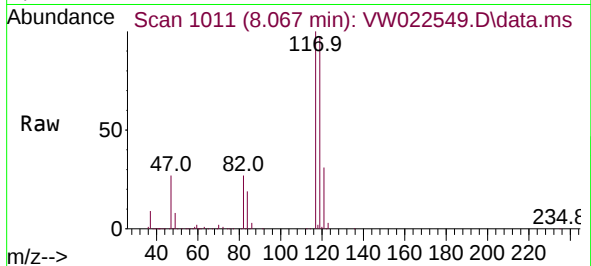




#31
Carbon tetrachloride
Concen: 24.180 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

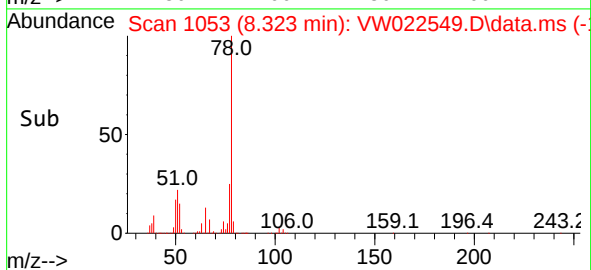
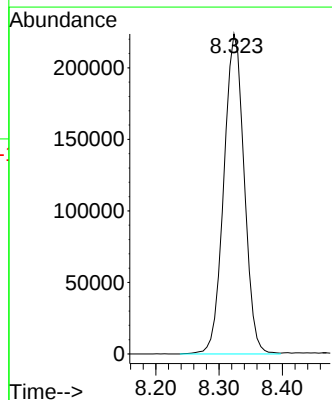
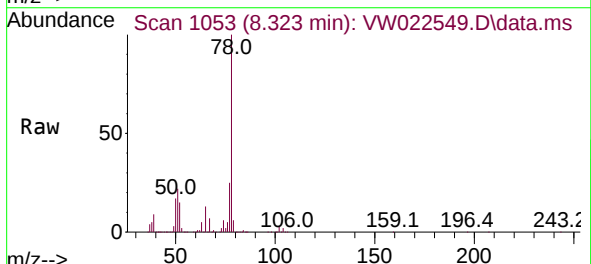
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

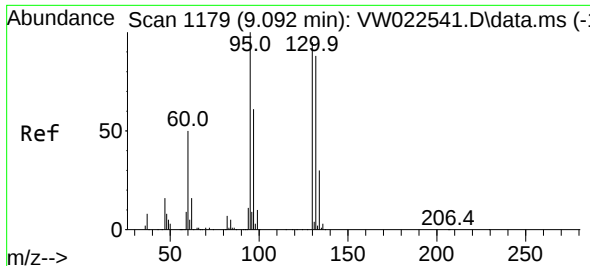
Tgt Ion:117 Resp: 187071
Ion Ratio Lower Upper
117 100
119 93.7 75.5 113.3



#33
Benzene
Concen: 23.694 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 78 Resp: 499886

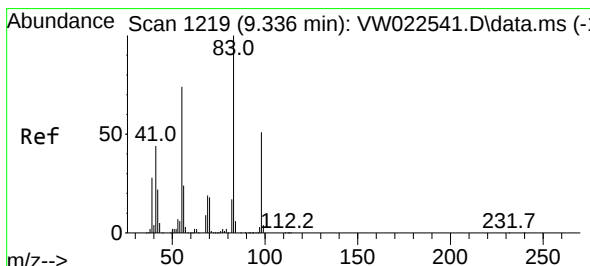
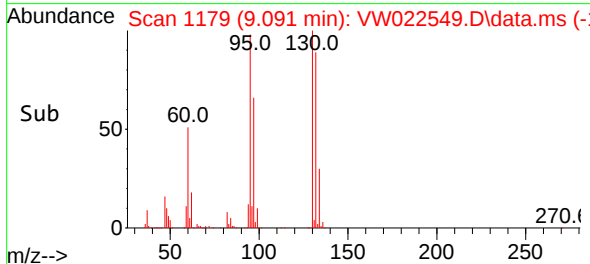
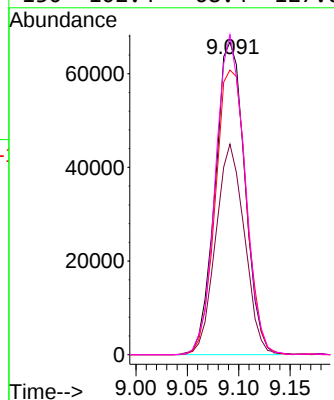
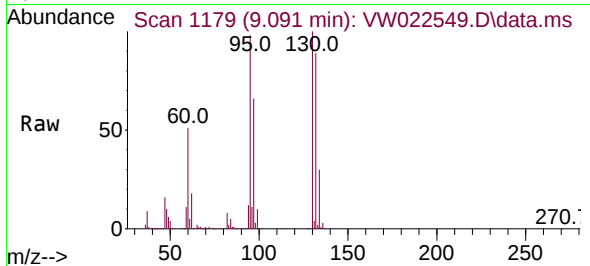




#34
Trichloroethene
Concen: 23.684 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

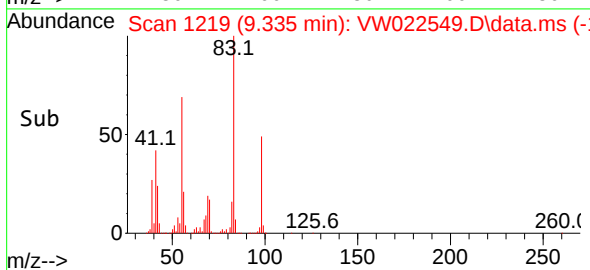
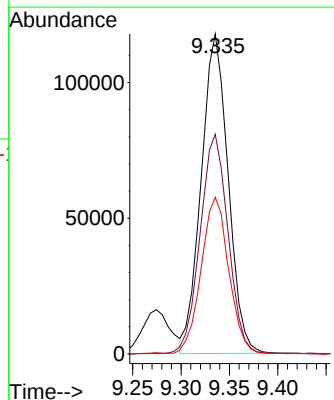
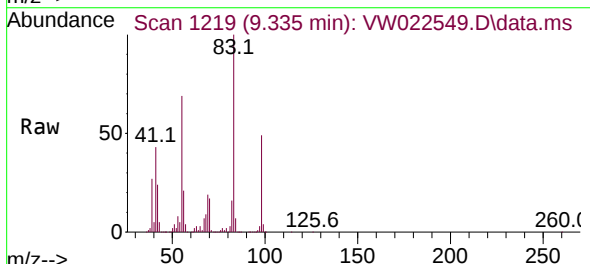
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

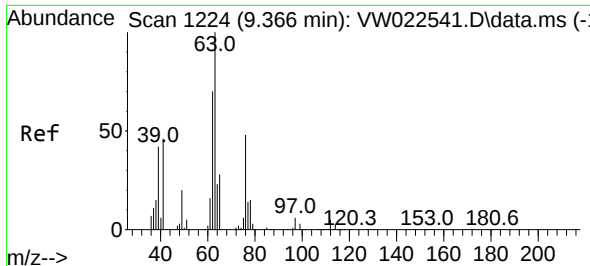
Tgt Ion: 95 Resp: 133789
Ion Ratio Lower Upper
95 100
97 67.3 46.4 86.2
132 91.0 67.4 125.2
130 102.4 68.4 127.0



#35
Methylcyclohexane
Concen: 22.524 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 83 Resp: 228281
Ion Ratio Lower Upper
83 100
55 71.2 61.0 91.6
98 50.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.016 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

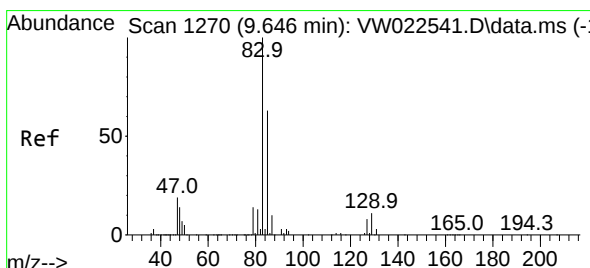
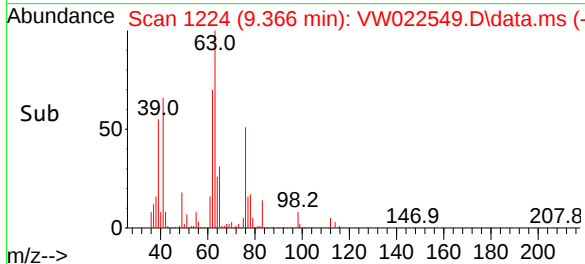
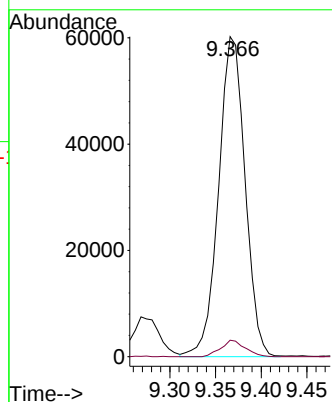
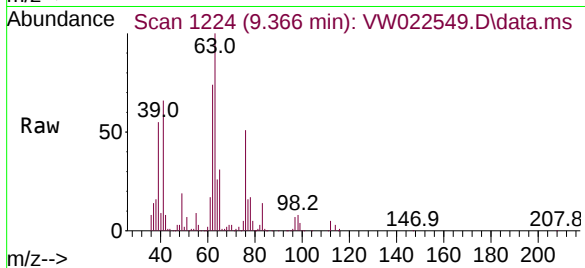
VSTD025487

Tgt Ion: 63 Resp: 121380

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 24.669 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

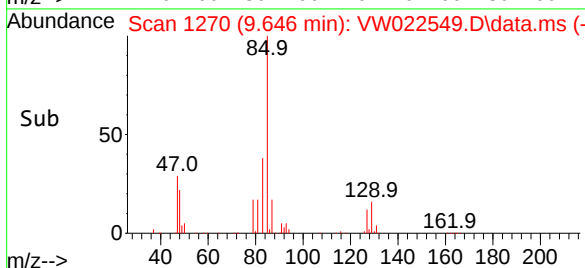
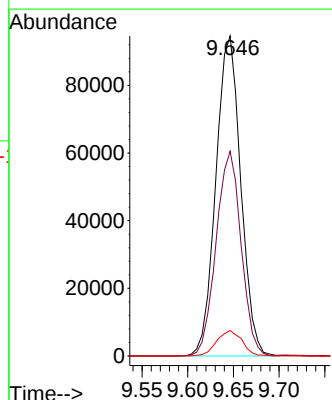
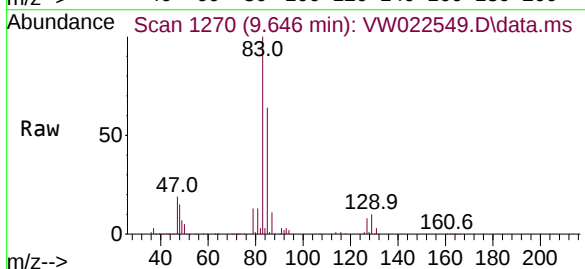
Tgt Ion: 83 Resp: 179300

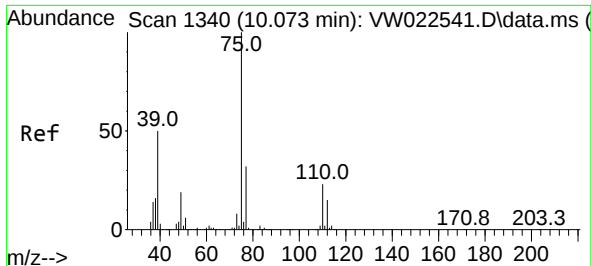
Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

127 8.0 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.165 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

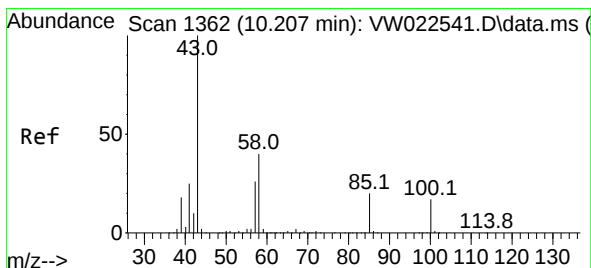
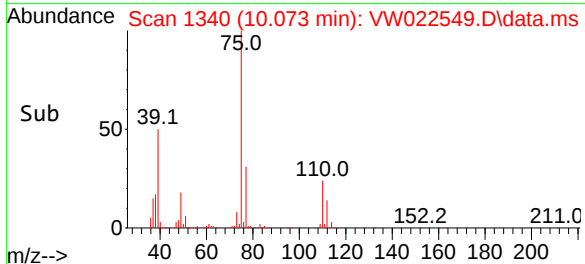
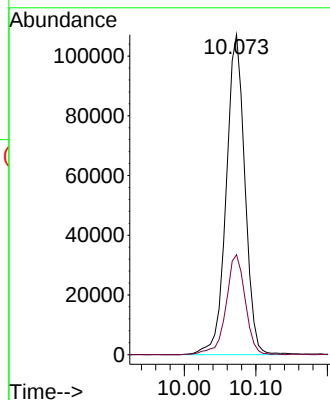
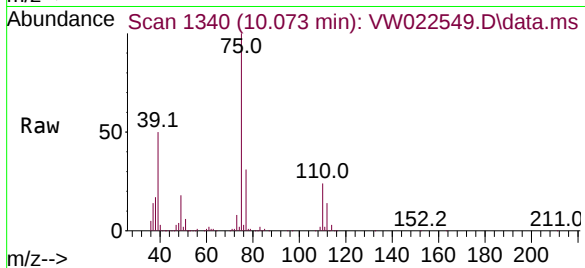
VSTD025487

Tgt Ion: 75 Resp: 193806

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.892 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

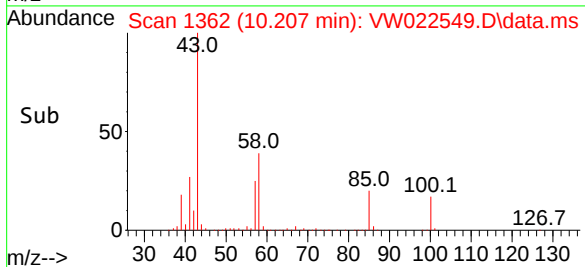
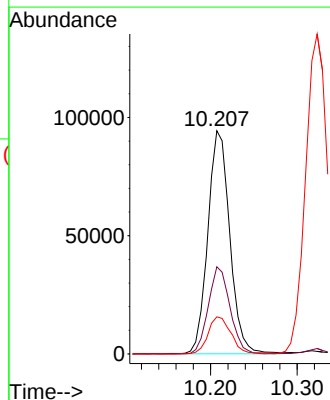
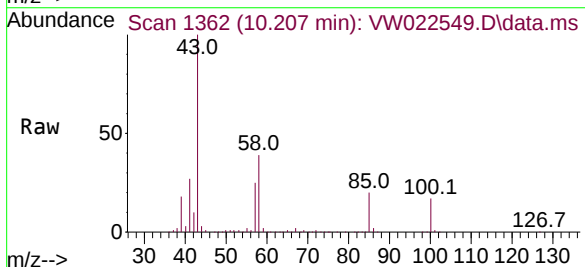
Tgt Ion: 43 Resp: 166229

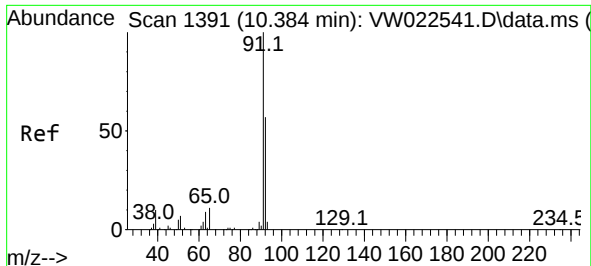
Ion Ratio Lower Upper

43 100

58 38.5 29.3 43.9

100 17.4 12.2 18.4

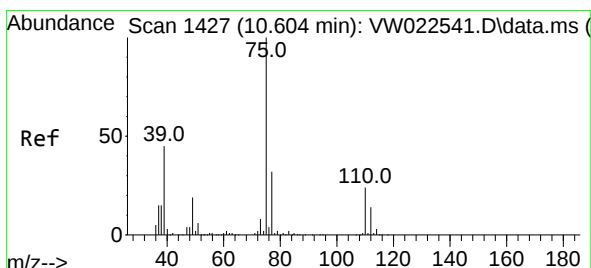
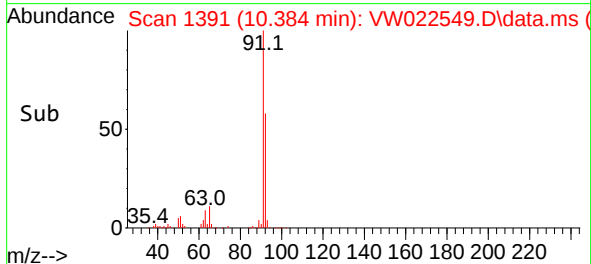
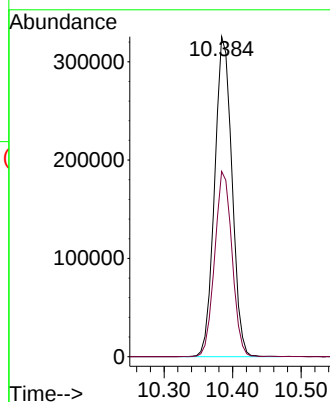
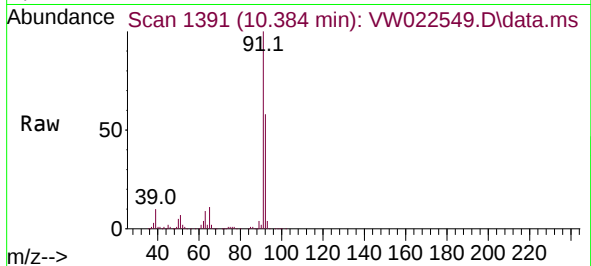




#42
Toluene
Concen: 23.612 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

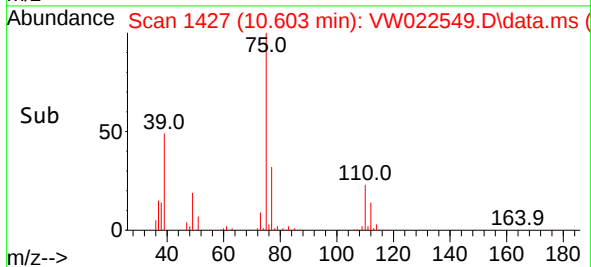
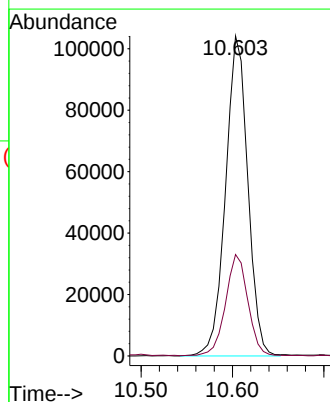
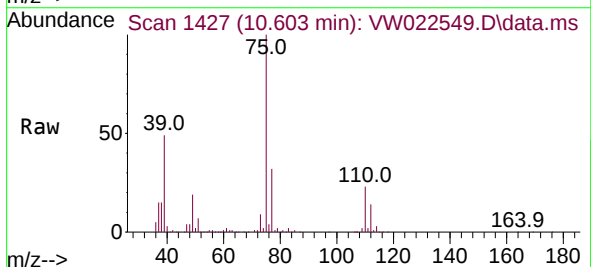
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

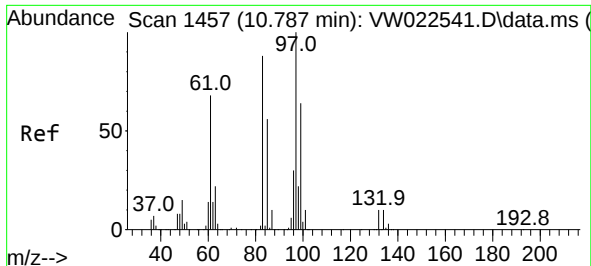
Tgt Ion: 91 Resp: 570821
Ion Ratio Lower Upper
91 100
92 57.9 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 24.553 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 75 Resp: 176321
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6



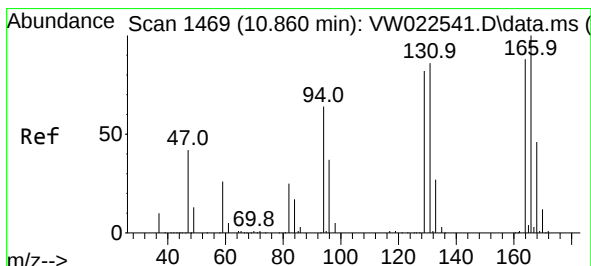
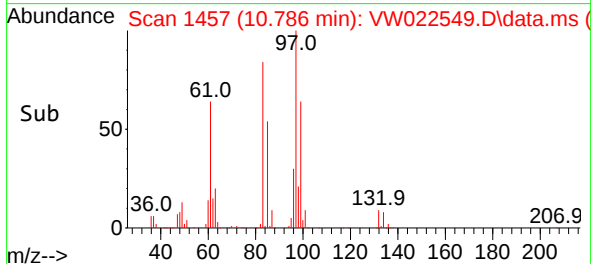
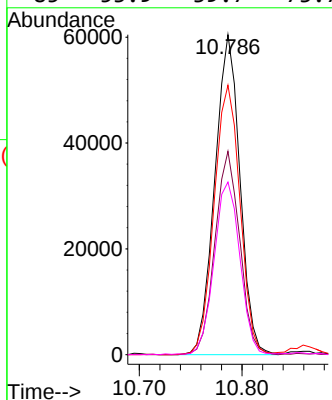
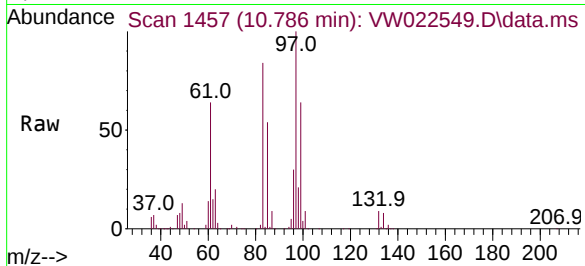


#45
1,1,2-Trichloroethane
Concen: 26.625 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

Tgt Ion: 97 Resp: 102703

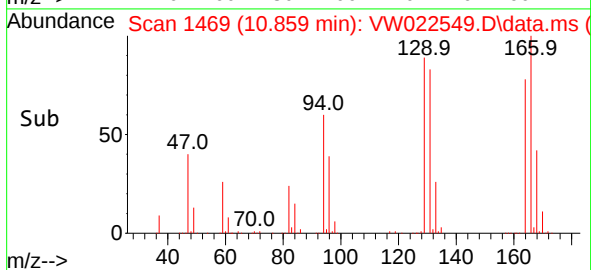
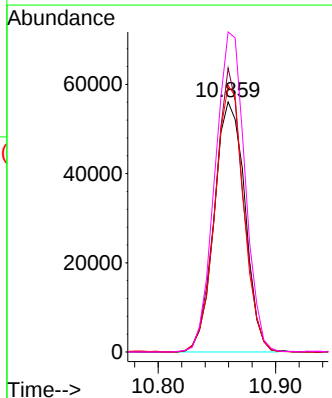
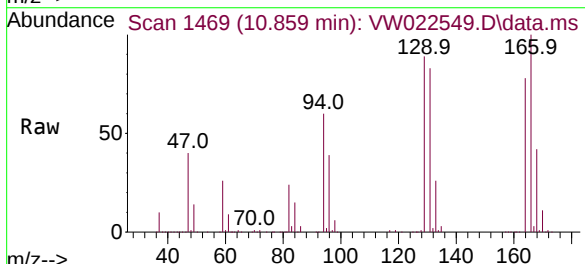
Ion	Ratio	Lower	Upper
97	100		
99	63.5	46.0	85.4
83	84.2	60.6	112.6
85	53.9	39.7	73.7

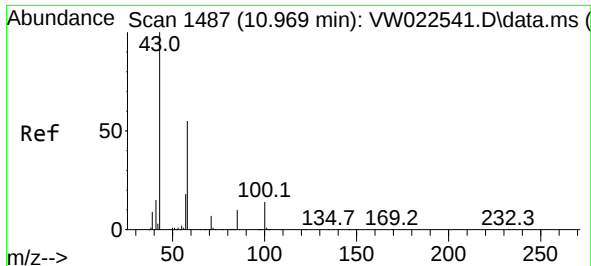


#46
Tetrachloroethene
Concen: 24.468 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 164 Resp: 101600

Ion	Ratio	Lower	Upper
164	100		
129	113.5	74.1	137.7
131	106.5	71.4	132.6
166	127.9	95.9	178.1

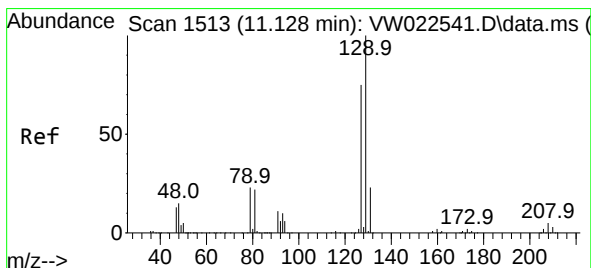
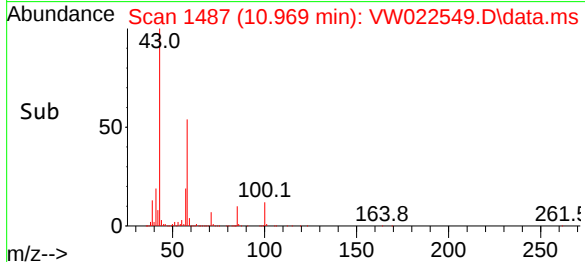
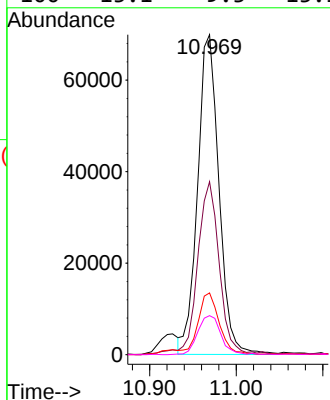
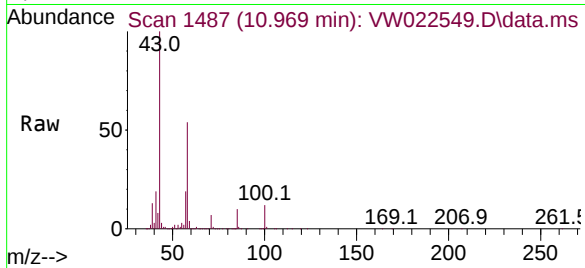




#48
2-Hexanone
Concen: 55.164 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

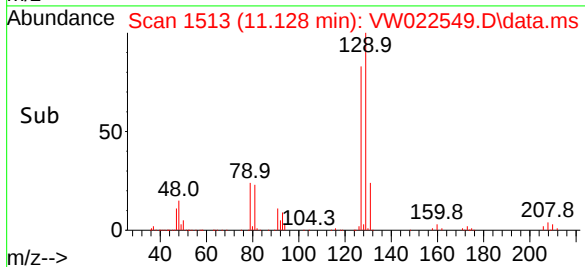
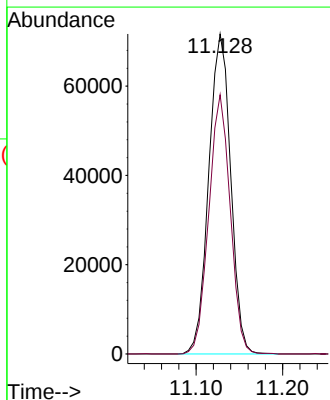
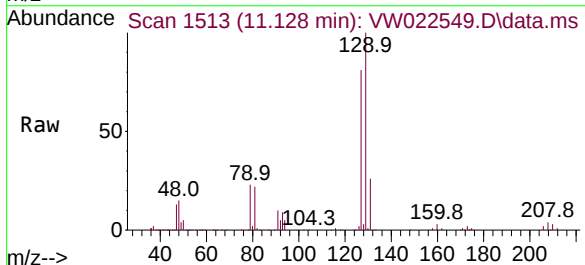
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

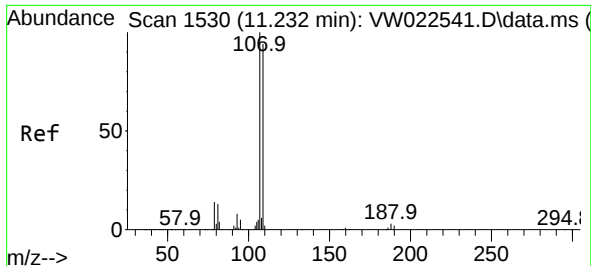
Tgt Ion:	43	Resp:	120040
Ion	Ratio	Lower	Upper
43	100		
58	53.6	41.6	62.4
57	19.0	14.5	21.7
100	13.1	9.3	13.9



#49
Dibromochloromethane
Concen: 27.416 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion:	129	Resp:	126127
Ion	Ratio	Lower	Upper
129	100		
127	81.0	52.6	97.6





#50

1,2-Dibromoethane

Concen: 26.956 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD025487

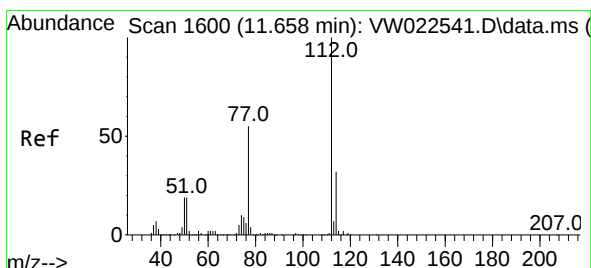
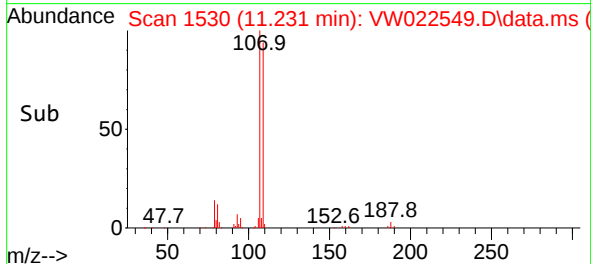
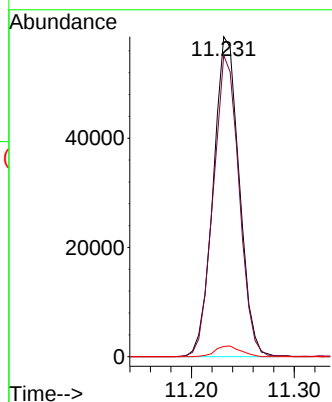
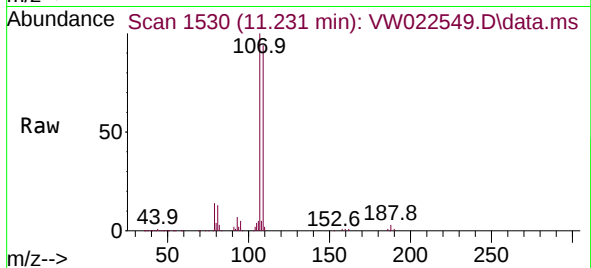
Tgt Ion:107 Resp: 102672

Ion Ratio Lower Upper

107 100

109 94.2 68.2 126.6

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.692 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

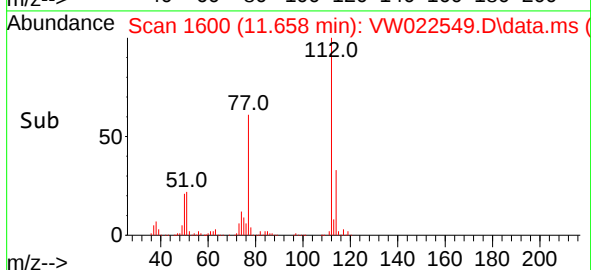
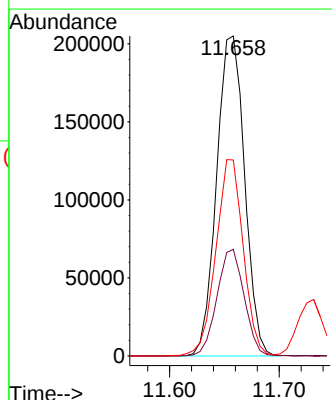
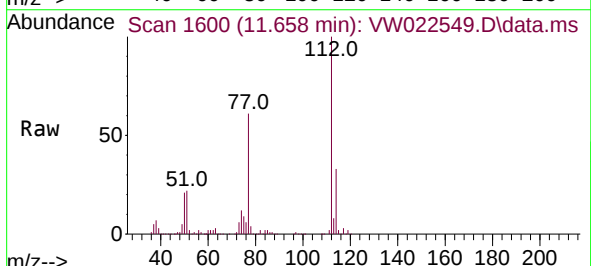
Tgt Ion:112 Resp: 364782

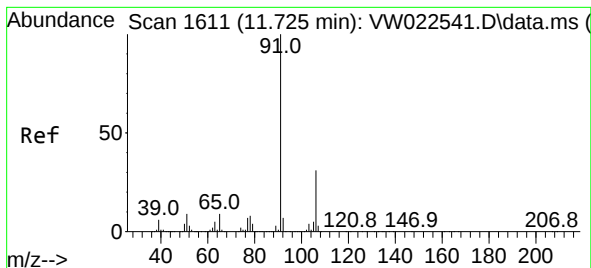
Ion Ratio Lower Upper

112 100

114 33.3 20.5 38.1

77 61.2 48.1 72.1

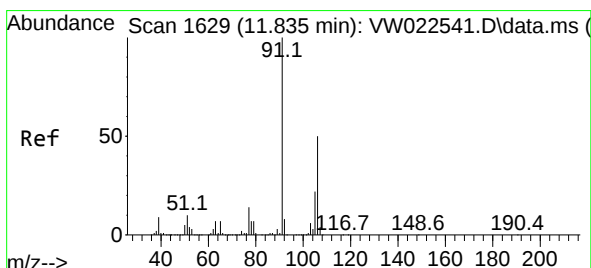
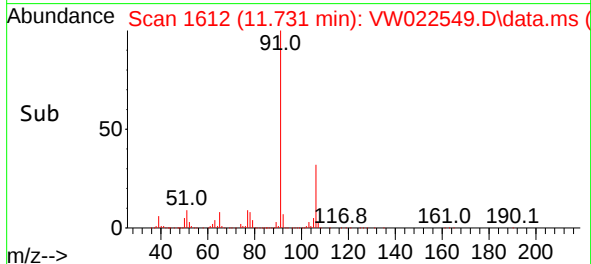
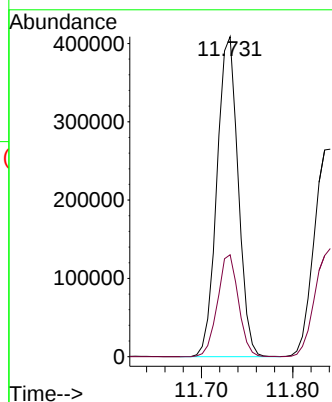
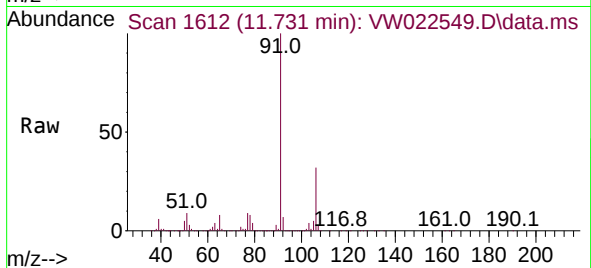




#52
Ethylbenzene
Concen: 24.300 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

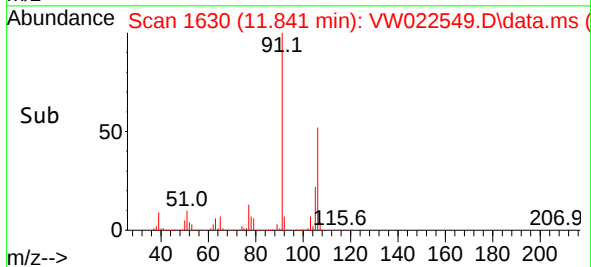
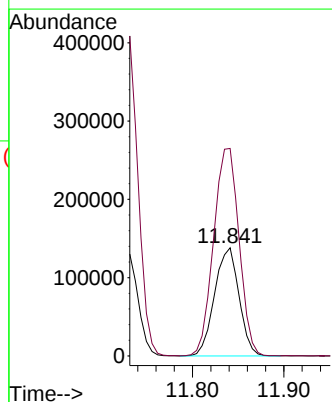
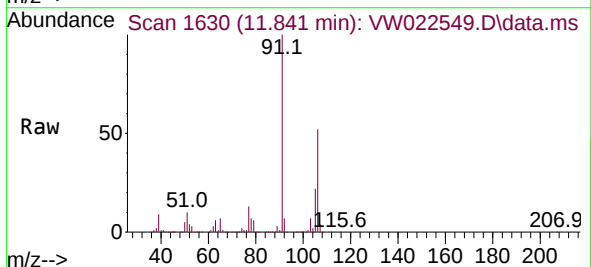
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

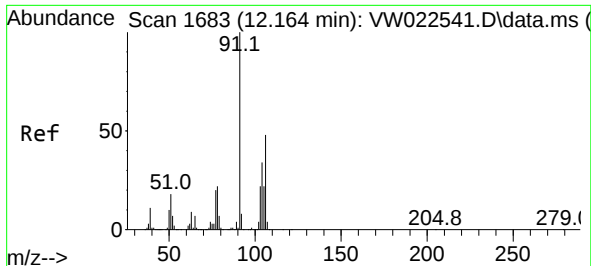
Tgt Ion: 91 Resp: 658488
Ion Ratio Lower Upper
91 100
106 31.9 20.5 38.1



#53
m,p-Xylene
Concen: 24.945 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 106 Resp: 257017
Ion Ratio Lower Upper
106 100
91 191.9 149.9 278.5

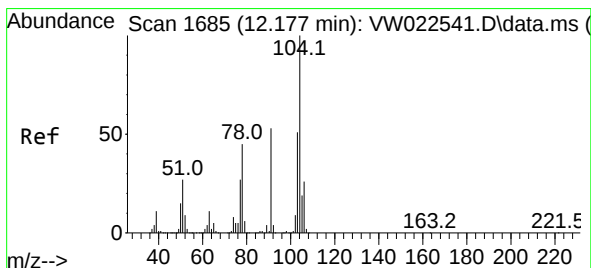
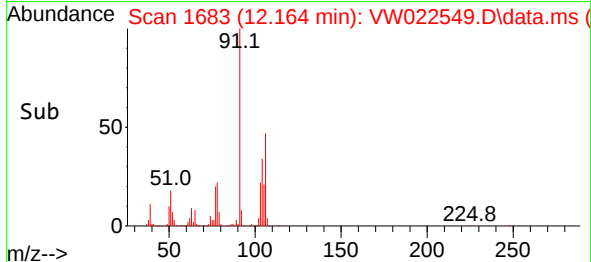
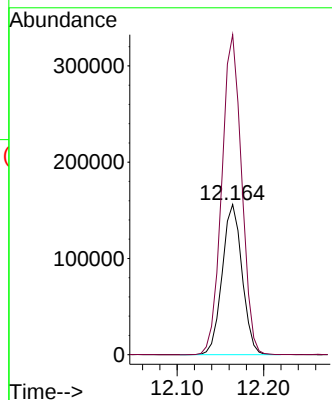
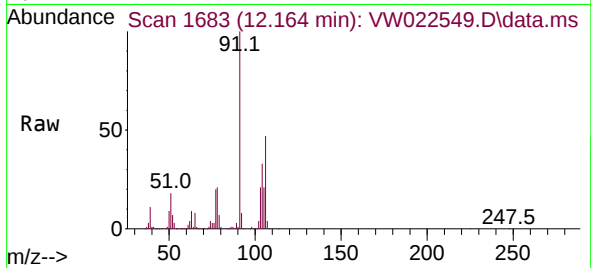




#54
o-Xylene
Concen: 25.279 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

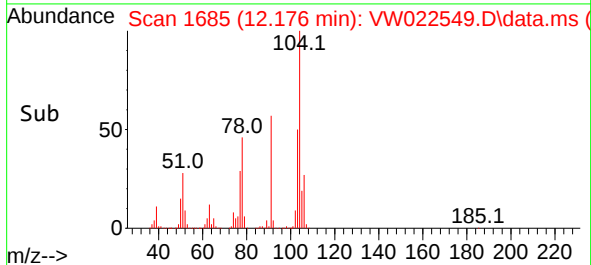
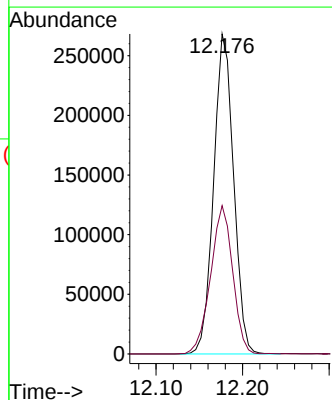
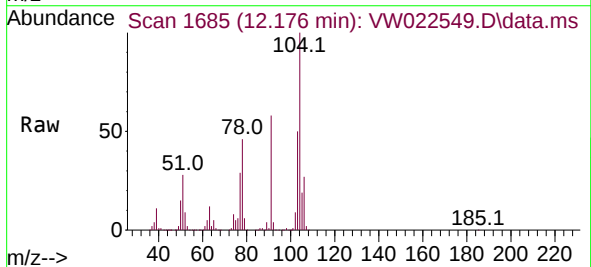
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

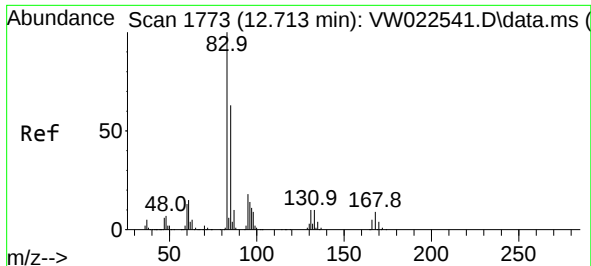
Tgt Ion:106 Resp: 248899
Ion Ratio Lower Upper
106 100
91 213.0 155.3 288.3



#55
Styrene
Concen: 25.538 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion:104 Resp: 429600
Ion Ratio Lower Upper
104 100
78 46.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.044 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD025487

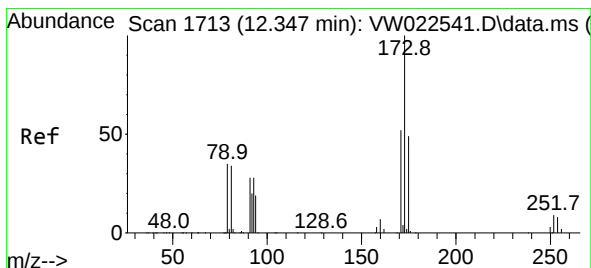
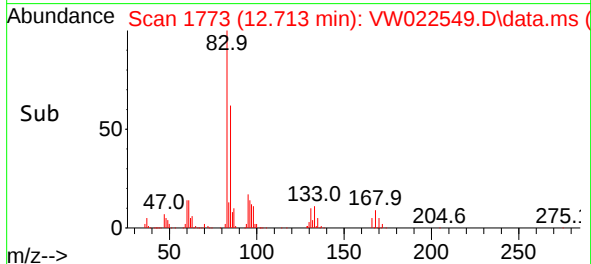
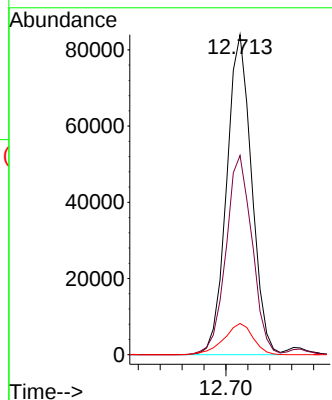
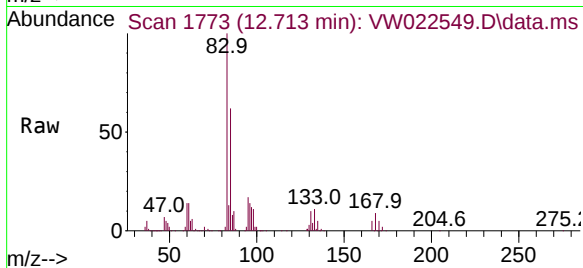
Tgt Ion: 83 Resp: 132773

Ion Ratio Lower Upper

83 100

85 62.3 45.5 84.5

131 9.7 7.8 11.8



#59

Bromoform

Concen: 25.513 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

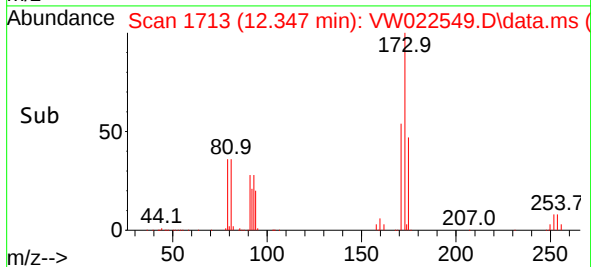
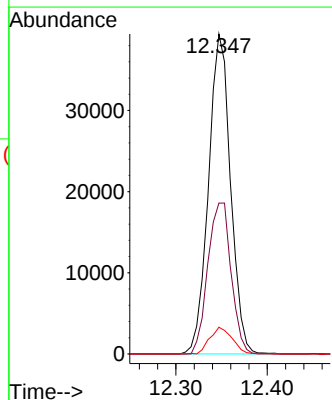
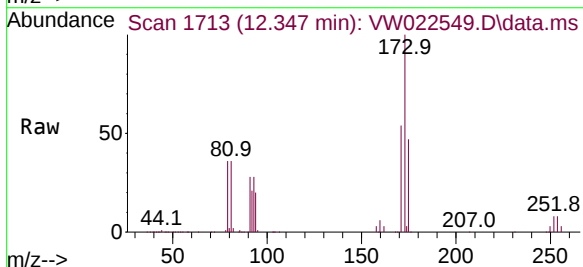
Tgt Ion:173 Resp: 66047

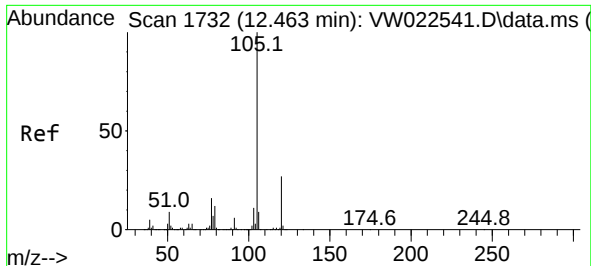
Ion Ratio Lower Upper

173 100

175 49.8 39.2 58.8

254 8.4 6.6 9.8

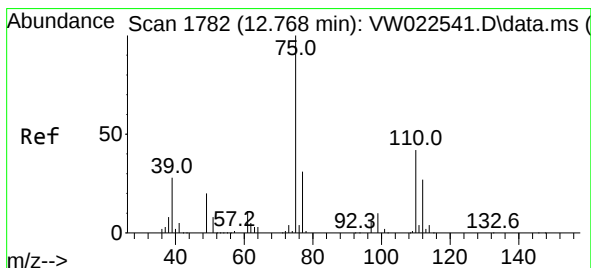
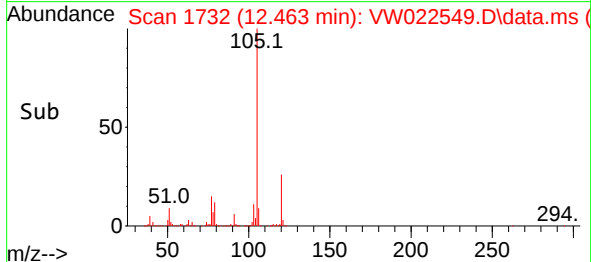
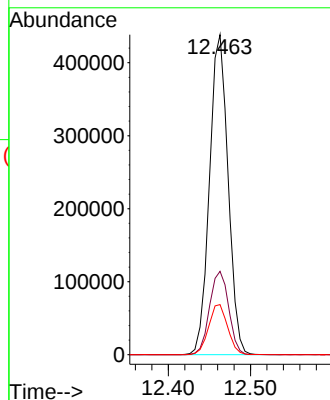
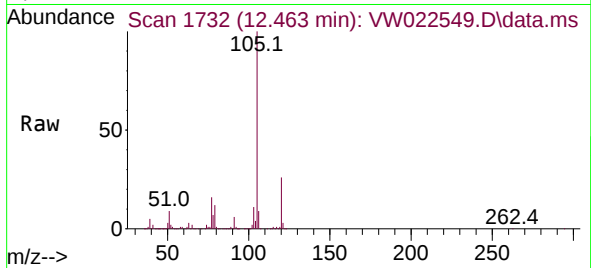




#60
Isopropylbenzene
Concen: 23.772 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

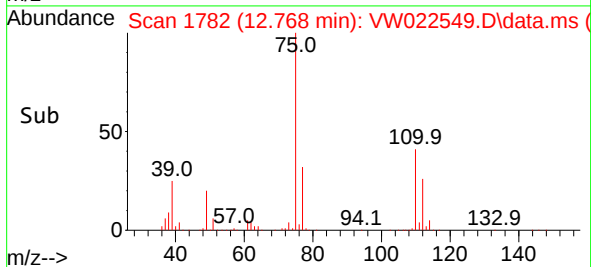
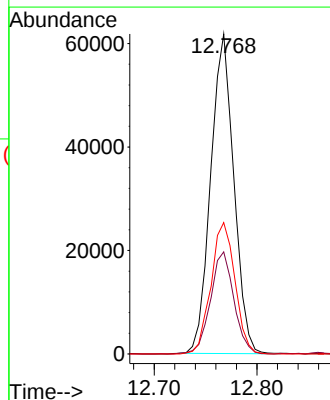
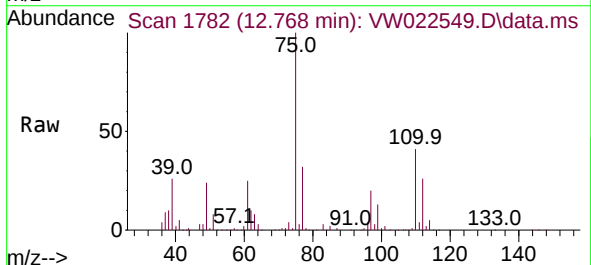
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

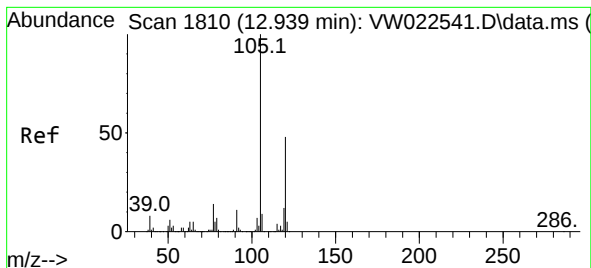
Tgt Ion:105 Resp: 687978
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 26.072 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion: 75 Resp: 96624
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 42.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 24.362 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

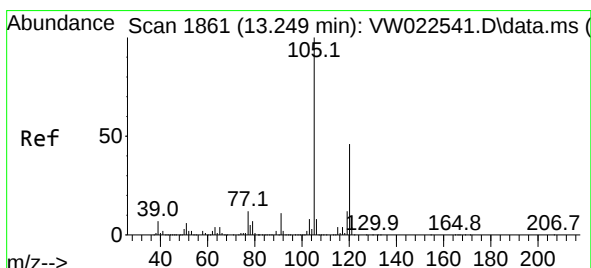
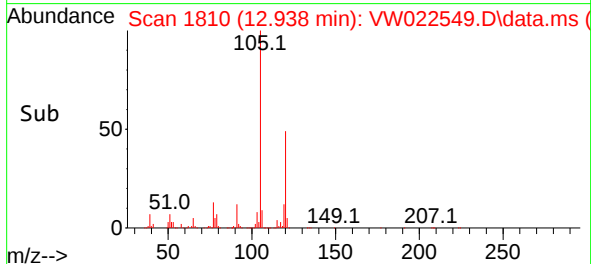
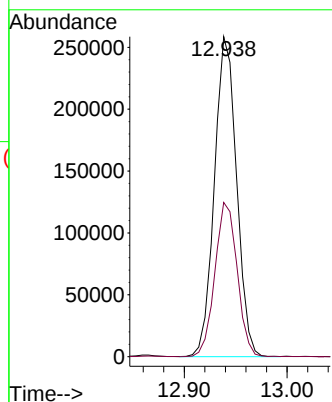
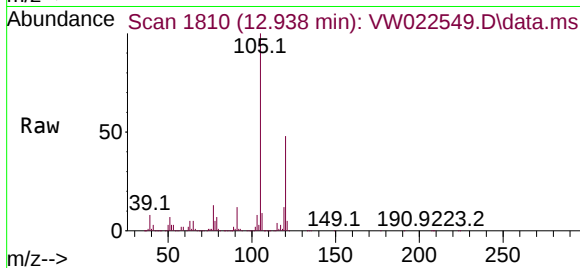
VSTD025487

Tgt Ion:105 Resp: 387743

Ion Ratio Lower Upper

105 100

120 48.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.233 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022549.D

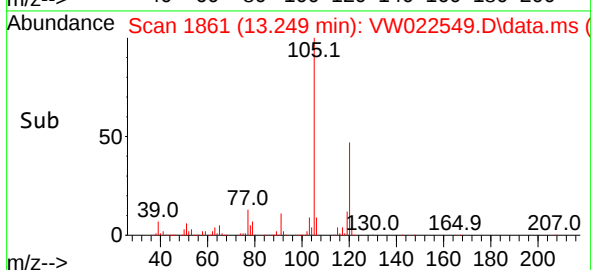
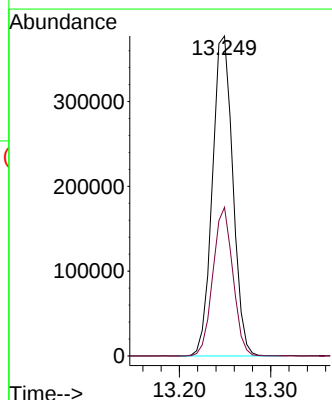
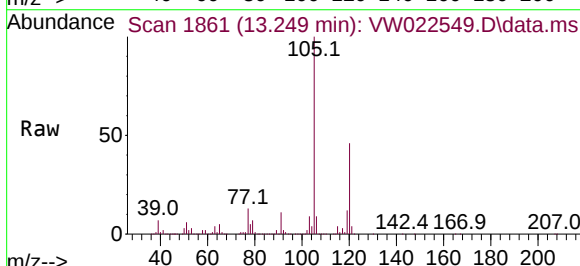
Acq: 14 Apr 2022 16:11

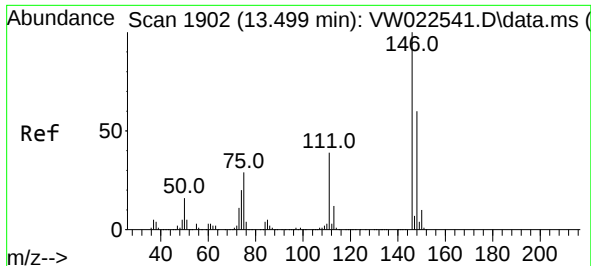
Tgt Ion:105 Resp: 586508

Ion Ratio Lower Upper

105 100

120 45.3 34.2 51.2

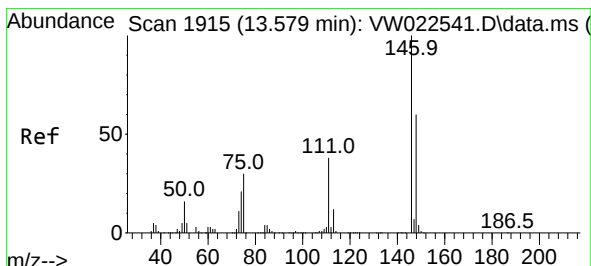
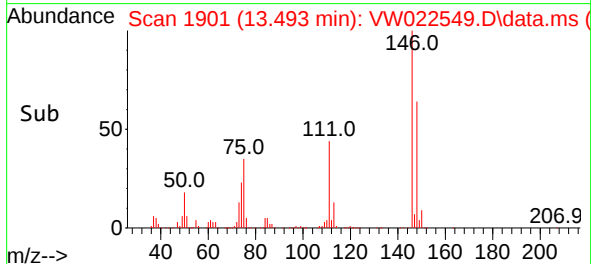
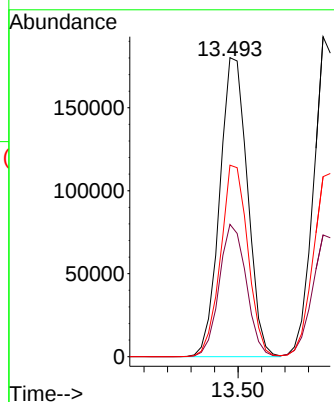
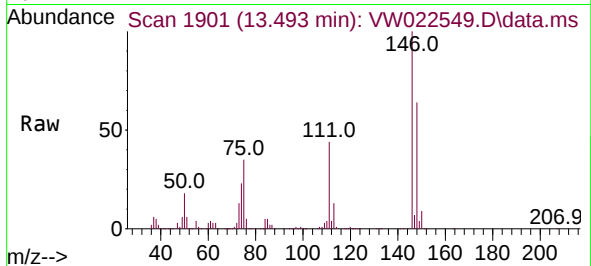




#64
1,3-Dichlorobenzene
Concen: 25.188 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

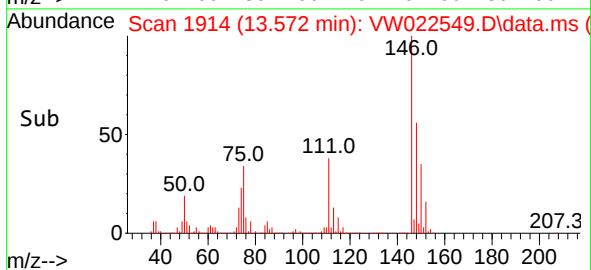
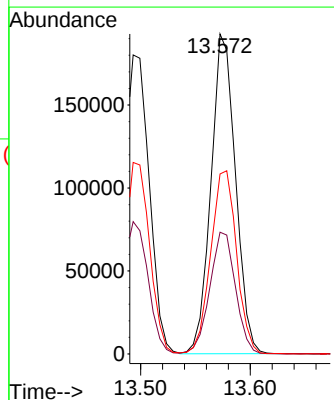
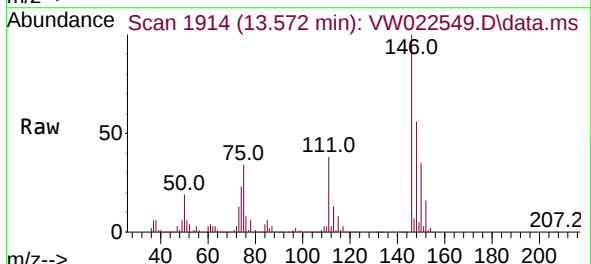
Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

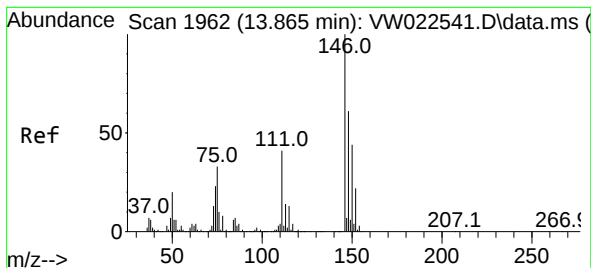
Tgt Ion:146 Resp: 295838
Ion Ratio Lower Upper
146 100
111 44.3 28.2 52.4
148 64.1 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 25.593 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion:146 Resp: 299788
Ion Ratio Lower Upper
146 100
111 38.0 28.5 52.9
148 56.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.776 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD025487

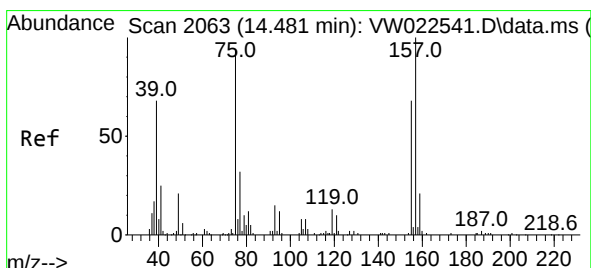
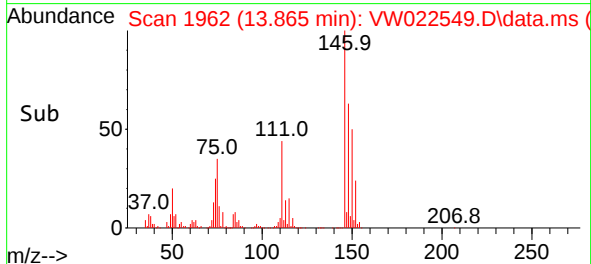
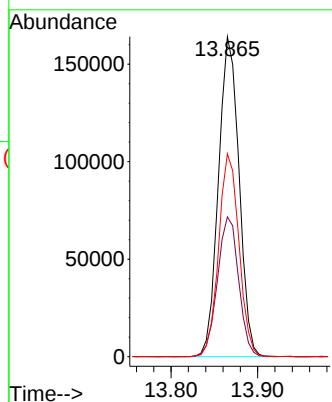
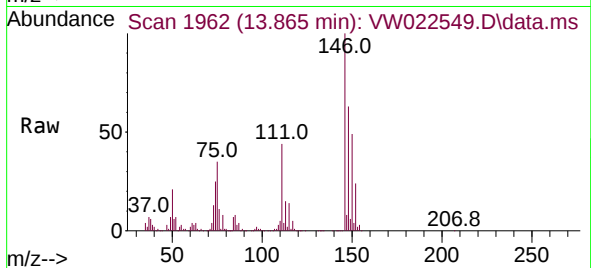
Tgt Ion:146 Resp: 270748

Ion Ratio Lower Upper

146 100

111 43.7 39.0 58.4

148 63.4 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.212 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

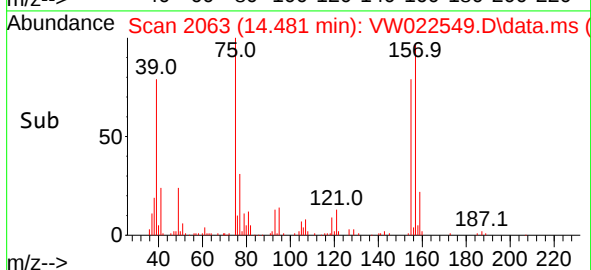
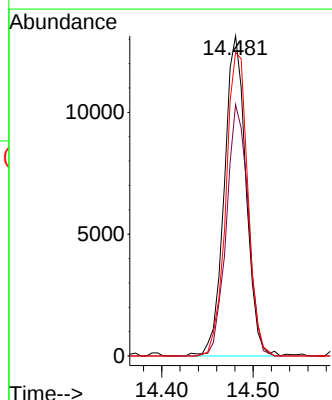
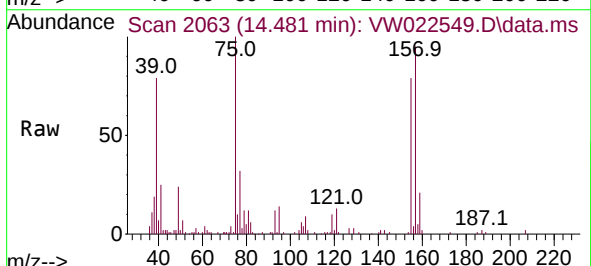
Tgt Ion: 75 Resp: 21670

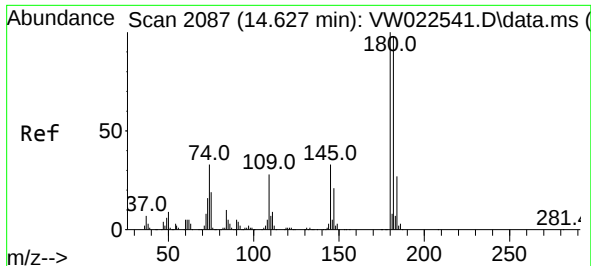
Ion Ratio Lower Upper

75 100

155 78.5 55.6 83.4

157 94.9 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 24.801 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD025487

Tgt Ion:180 Resp: 190054

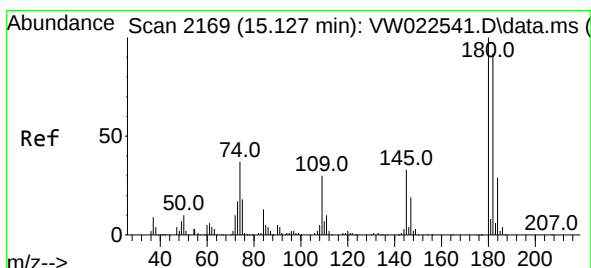
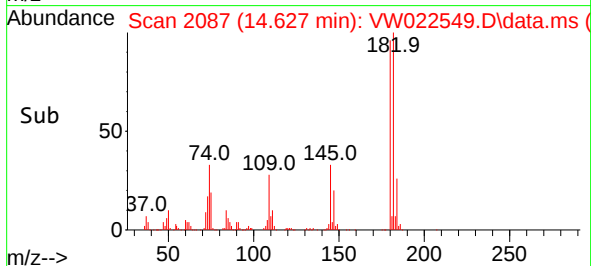
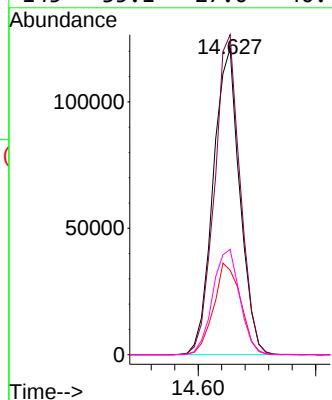
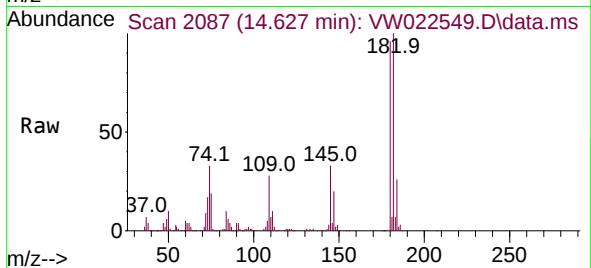
Ion Ratio Lower Upper

180 100

182 101.0 79.1 118.7

184 30.5 24.5 36.7

145 35.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 24.752 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022549.D

Acq: 14 Apr 2022 16:11

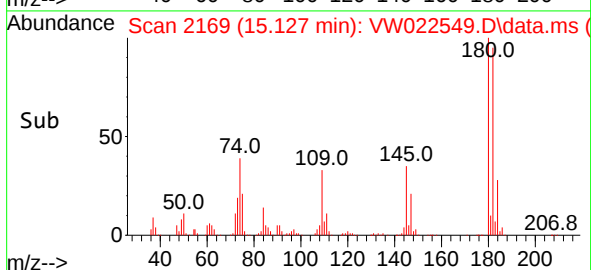
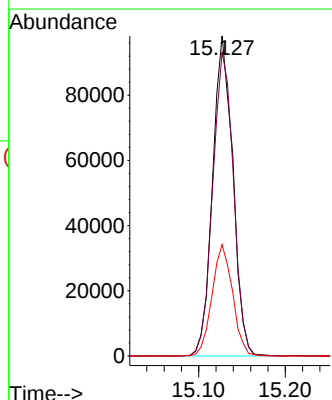
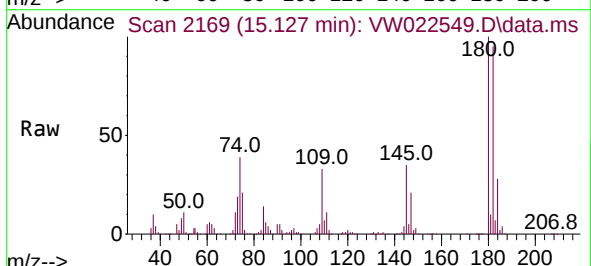
Tgt Ion:180 Resp: 159303

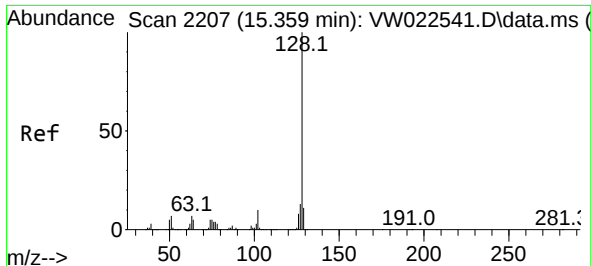
Ion Ratio Lower Upper

180 100

182 97.3 72.8 109.2

145 35.2 25.5 38.3

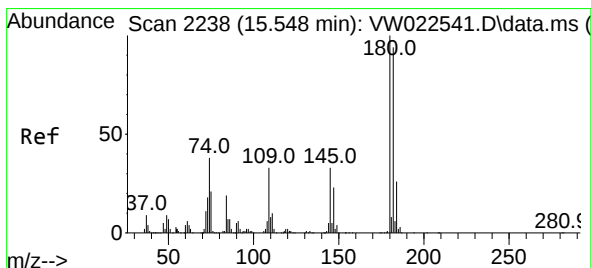
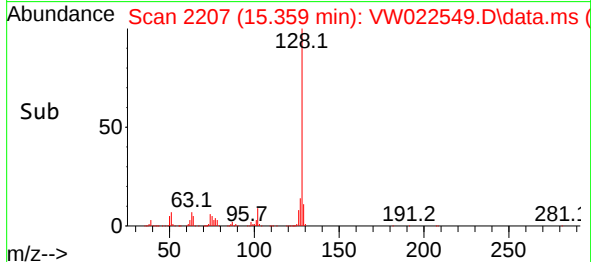
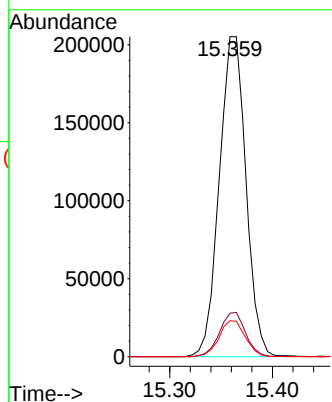
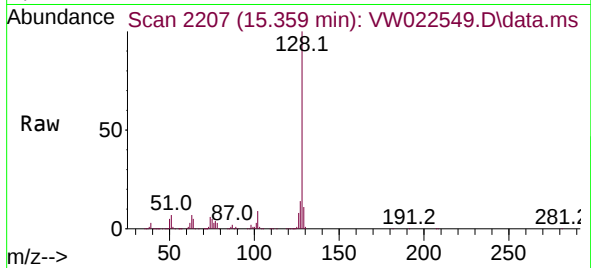




#71
Naphthalene
Concen: 27.236 ug/L
RT: 15.359 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD025487

Tgt Ion:128 Resp: 369722
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.488 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022549.D
Acq: 14 Apr 2022 16:11

Tgt Ion:180 Resp: 145714
Ion Ratio Lower Upper
180 100
182 91.4 73.4 110.0
145 35.3 27.0 40.6

