

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110322\
 Data File : VW025014.D
 Acq On : 03 Nov 2022 08:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Nov 04 04:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	260653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65203	20.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.120%
7) Chloroethane-d5	2.885	69	38305	20.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	4.019	63	183616	23.205	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.080	46	44037	41.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.160%
24) Chloroform-d	7.647	84	216717	25.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	114845	23.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.275	84	404758	24.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.274	67	113717	23.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	378490	24.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	10.579	79	50074	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.921	63	34673	41.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	85372	21.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	117068	21.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	23019	24.386	ug/L	99
3) Chloromethane	2.221	50	46847	20.634	ug/L	96
5) Vinyl chloride	2.361	62	71135	22.676	ug/L	99
6) Bromomethane	2.782	94	35109	22.427	ug/L	94
8) Chloroethane	2.922	64	27019	20.647	ug/L	98
9) Trichlorofluoromethane	3.257	101	62299	23.673	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	94261	25.294	ug/L	99
12) 1,1-Dichloroethene	4.038	96	88014	25.071	ug/L	99
13) Acetone	4.123	43	39034	51.252	ug/L	98
14) Carbon disulfide	4.385	76	245724	23.961	ug/L	98
15) Methyl Acetate	4.666	43	30195	19.913	ug/L	97
16) Methylene chloride	4.922	84	97523	19.408	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	93314	24.823	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	141350	22.416	ug/L	99
19) 1,1-Dichloroethane	6.214	63	171134	24.590	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	102707	25.068	ug/L	95
22) 2-Butanone	7.165	43	46702	40.928	ug/L	98
23) Bromochloromethane	7.519	128	41482	23.354	ug/L	91
25) Chloroform	7.677	83	186388	25.376	ug/L	97

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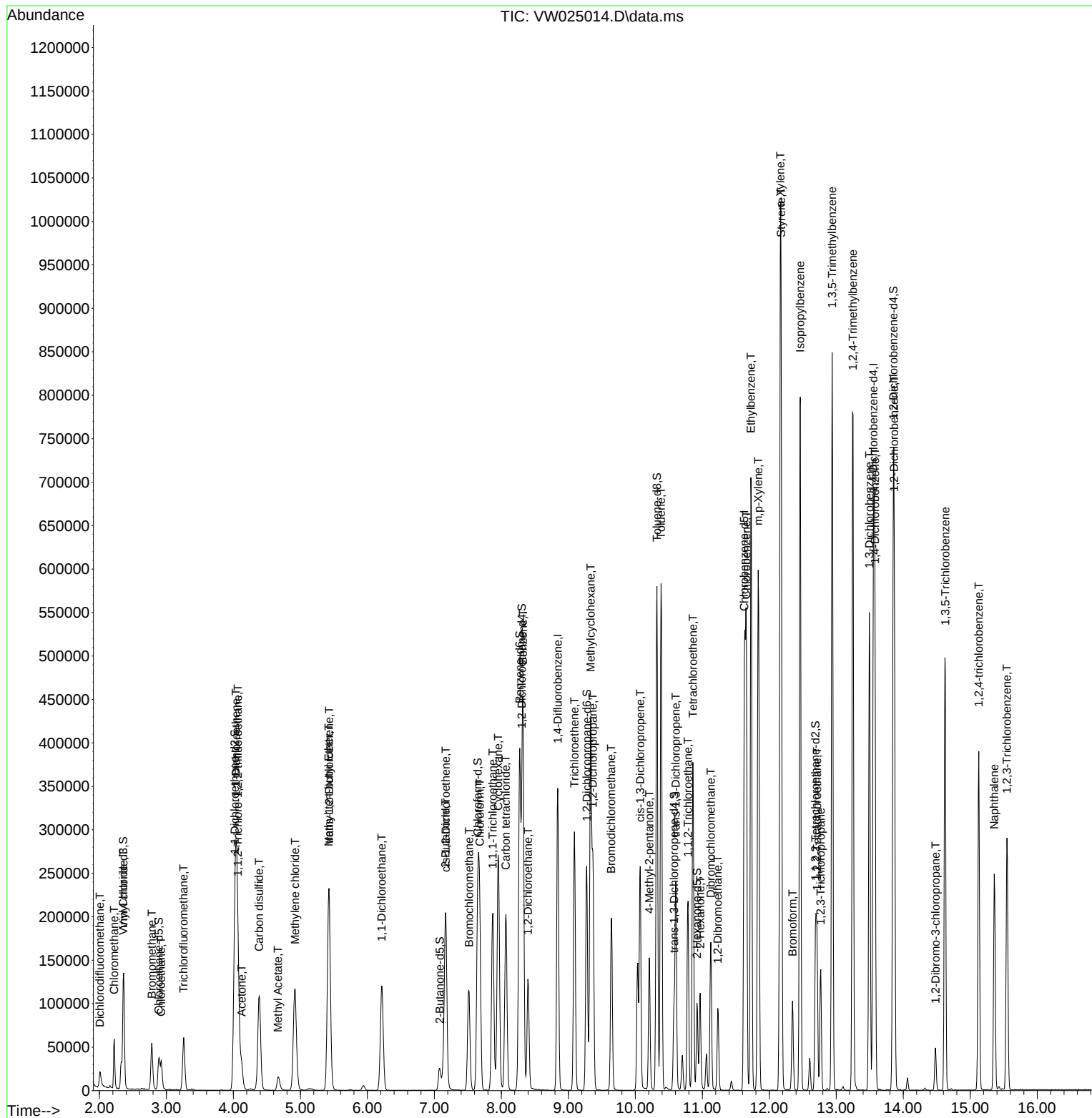
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27) 1,2-Dichloroethane	8.397	62	120032	24.092	ug/L	99
29) Cyclohexane	7.952	56	150163	24.398	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	168644	26.439	ug/L	98
31) Carbon tetrachloride	8.067	117	154442	27.096	ug/L	98
33) Benzene	8.323	78	389384	24.807	ug/L	100
34) Trichloroethene	9.092	95	105917	25.490	ug/L	100
35) Methylcyclohexane	9.335	83	177059	25.078	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90092	23.648	ug/L	98
38) Bromodichloromethane	9.640	83	135637	25.510	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	149756	24.866	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	91137	40.766	ug/L	98
42) Toluene	10.384	91	421719	25.307	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	130388	24.352	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	67961	23.627	ug/L	95
46) Tetrachloroethene	10.860	164	77357	26.032	ug/L	90
48) 2-Hexanone	10.969	43	68321	44.189	ug/L	99
49) Dibromochloromethane	11.128	129	86998	24.812	ug/L	97
50) 1,2-Dibromoethane	11.231	107	61742	22.696	ug/L	98
51) Chlorobenzene	11.658	112	270549	25.047	ug/L	96
52) Ethylbenzene	11.725	91	488722	25.407	ug/L	98
53) m,p-Xylene	11.835	106	186670	25.070	ug/L	93
54) o-Xylene	12.164	106	177687	25.295	ug/L	97
55) Styrene	12.176	104	307040	25.166	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	76431	22.150	ug/L	96
59) Bromoform	12.347	173	45375	22.914	ug/L	99
60) Isopropylbenzene	12.463	105	511511	24.300	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56951	20.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	446393	24.430	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	434580	24.254	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	211607	24.103	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	213511	24.373	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	184502	23.373	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	13764	21.174	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	141068	24.260	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	115399	25.533	ug/L	98
71) Naphthalene	15.359	128	206437	21.652	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	91747	23.298	ug/L	98

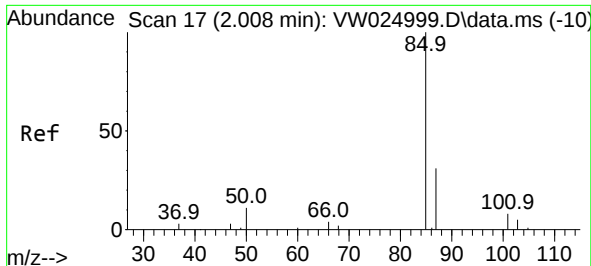
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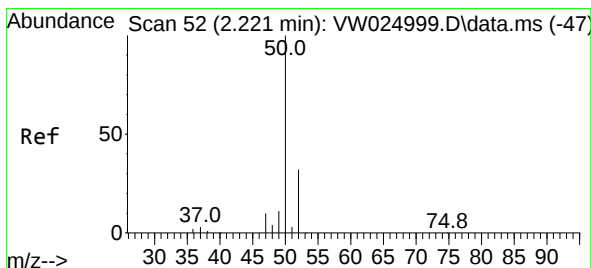
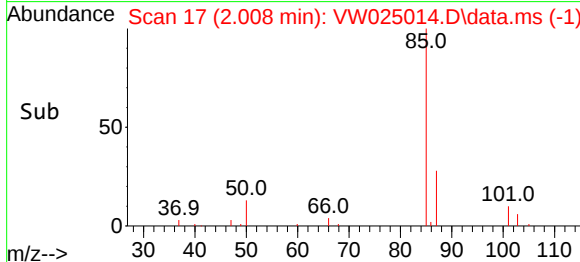
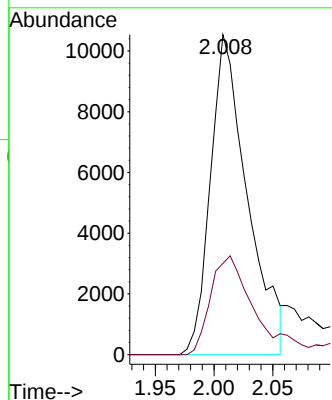
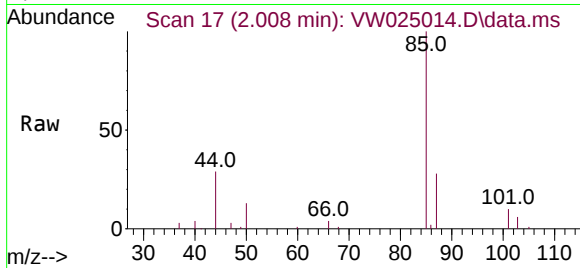




#2
 Dichlorodifluoromethane
 Concen: 24.386 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

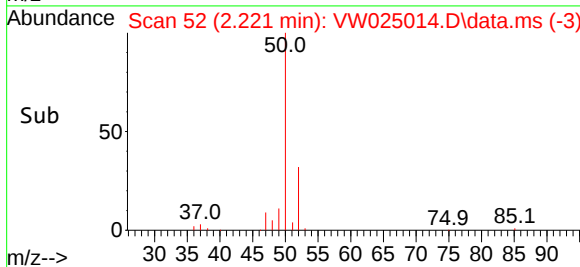
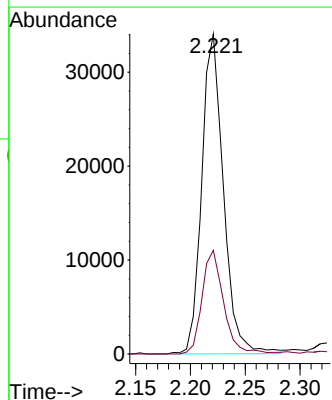
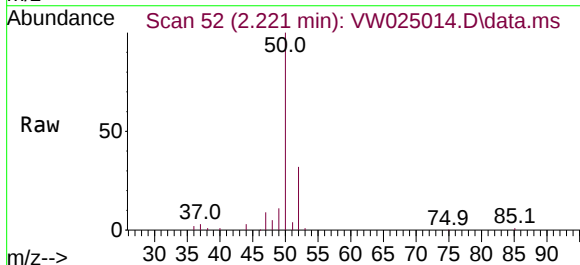
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 MSVOA_W
 ClientSampleId :
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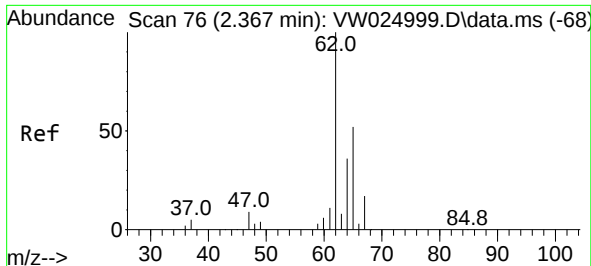
Tgt Ion: 85 Resp: 23019
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 20.634 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

Tgt Ion: 50 Resp: 46847
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.8

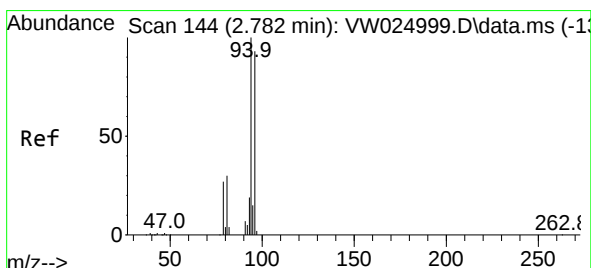
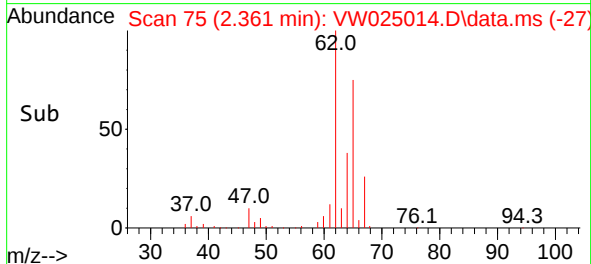
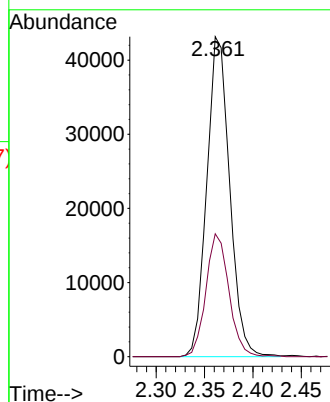
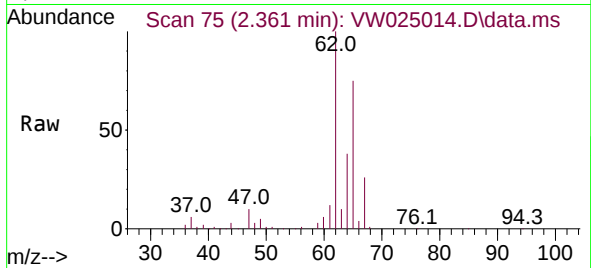




#5
 Vinyl chloride
 Concen: 22.676 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

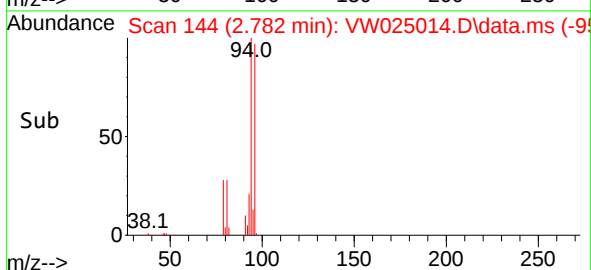
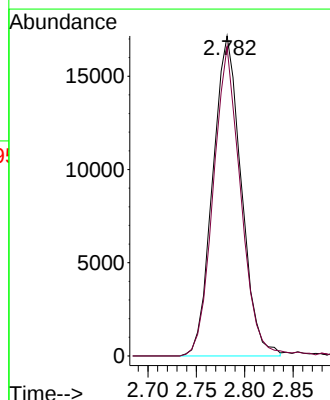
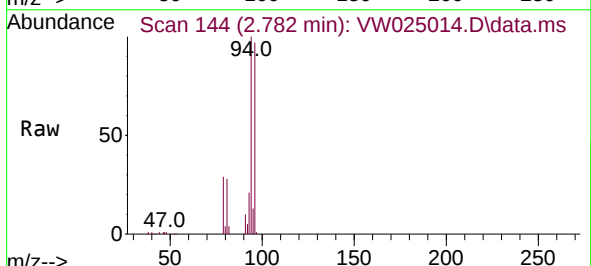
Instrument :
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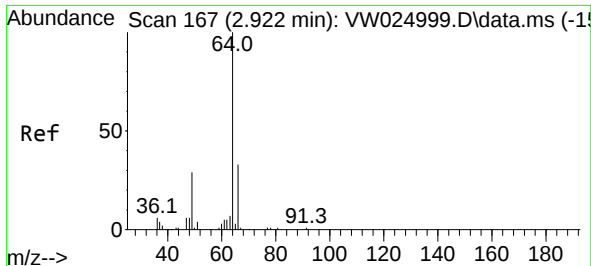
Tgt Ion: 62 Resp: 71135
 Ion Ratio Lower Upper
 62 100
 64 38.4 27.2 50.6



#6
 Bromomethane
 Concen: 22.427 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

Tgt Ion: 94 Resp: 35109
 Ion Ratio Lower Upper
 94 100
 96 96.7 63.8 118.6

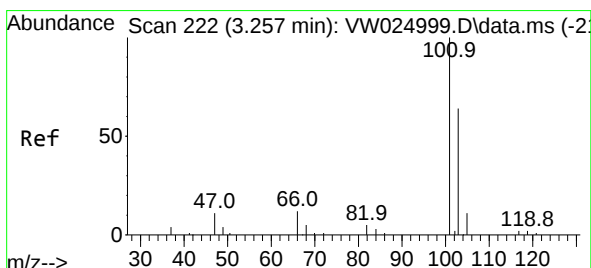
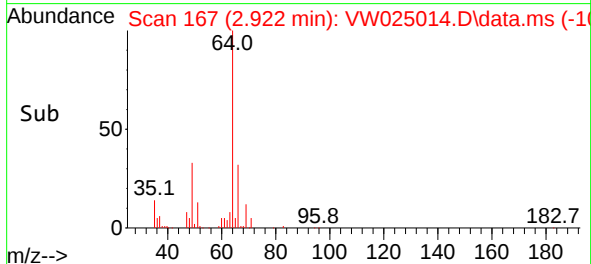
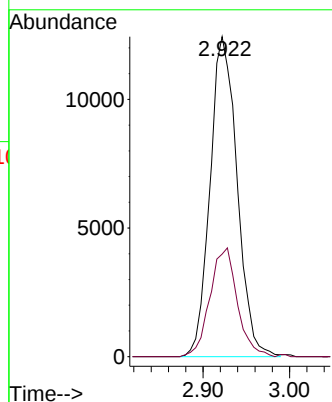
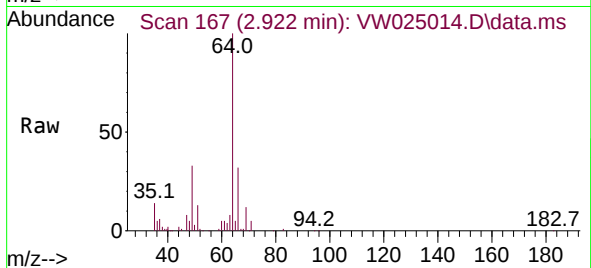




#8
Chloroethane
Concen: 20.647 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

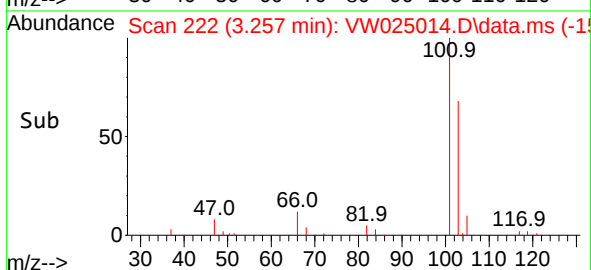
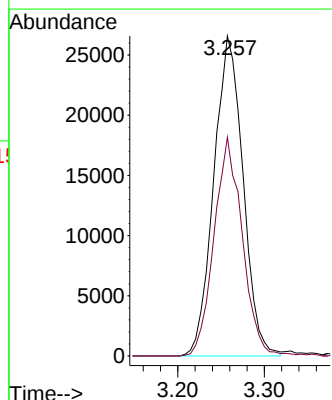
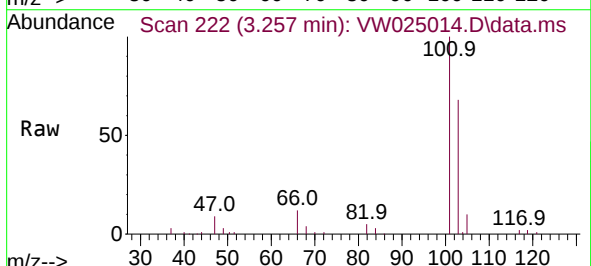
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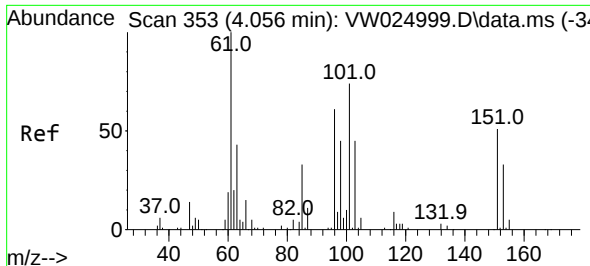
Tgt Ion: 64 Resp: 27019
Ion Ratio Lower Upper
64 100
66 32.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 23.673 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 101 Resp: 62299
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

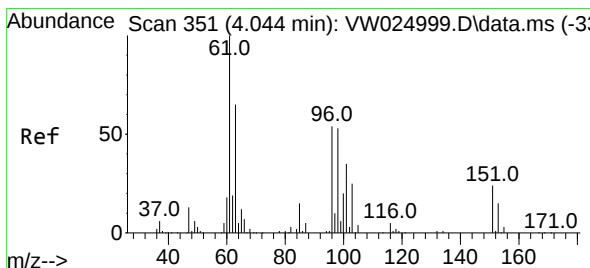
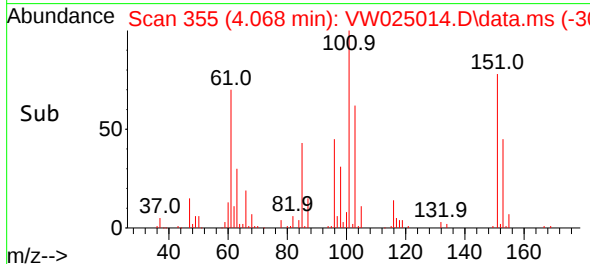
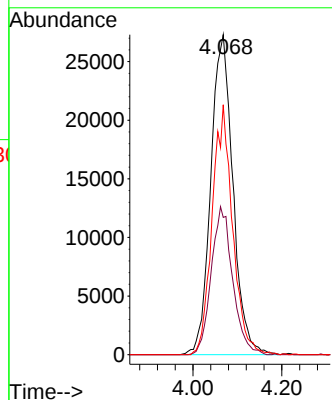
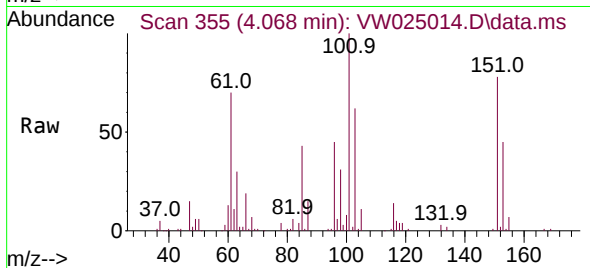




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.294 ug/L
 RT: 4.068 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

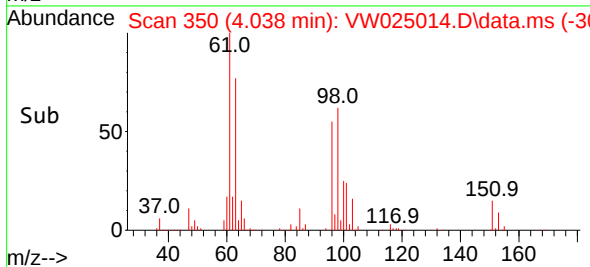
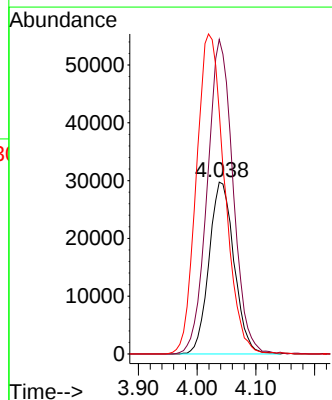
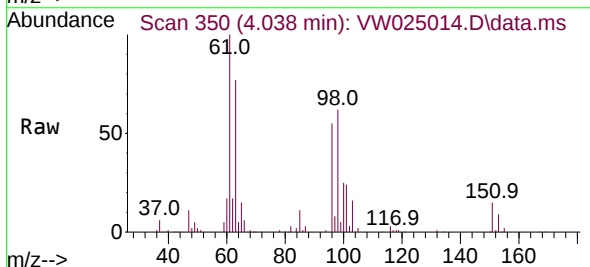
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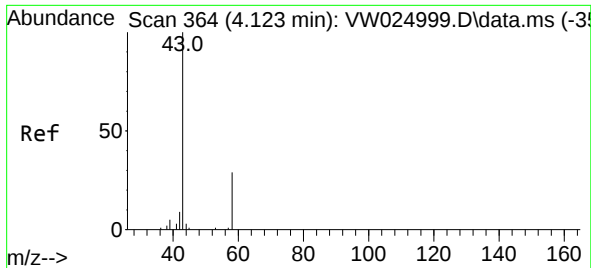
Tgt Ion:101 Resp: 94261
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.5 54.7
 151 72.0 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 25.071 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

Tgt Ion: 96 Resp: 88014
 Ion Ratio Lower Upper
 96 100
 61 183.0 126.2 234.4
 63 140.9 98.3 182.7





#13

Acetone

Concen: 51.252 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.012 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

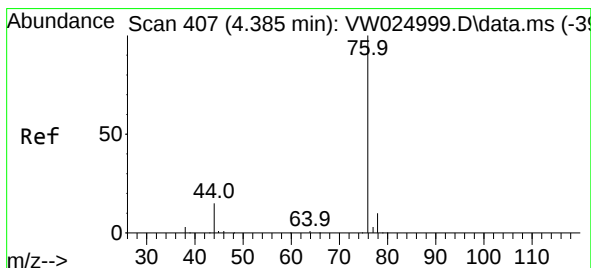
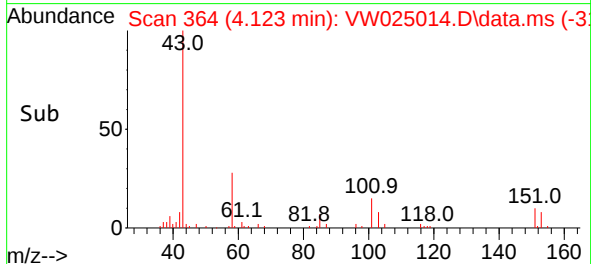
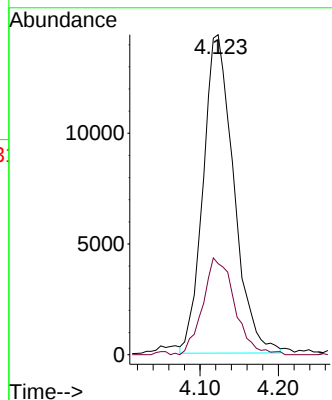
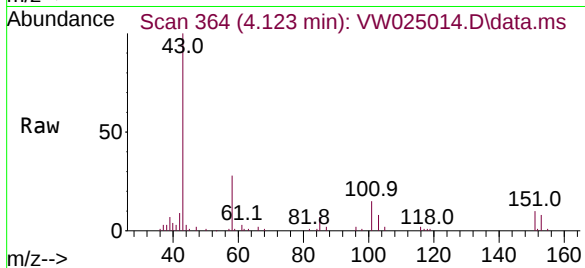
VSTD025485

Tgt Ion: 43 Resp: 39034

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.4



#14

Carbon disulfide

Concen: 23.961 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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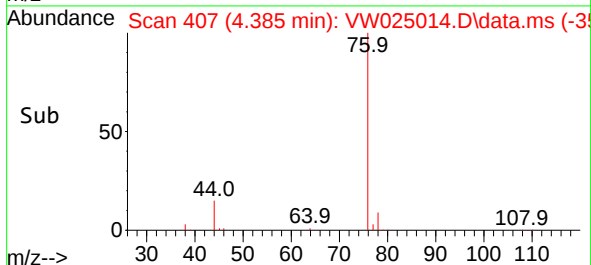
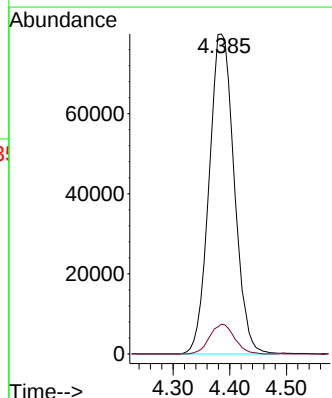
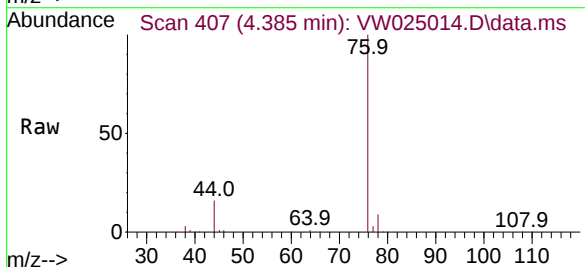
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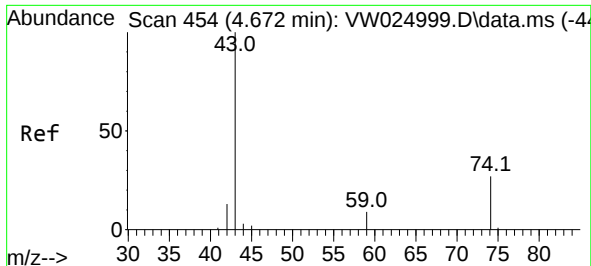
Tgt Ion: 76 Resp: 245724

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

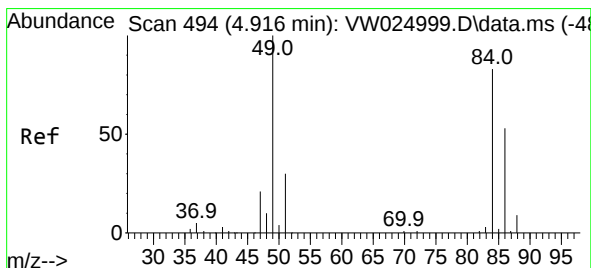
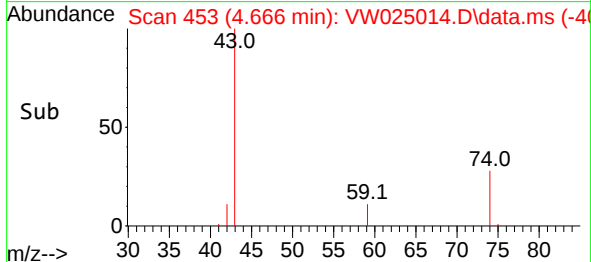
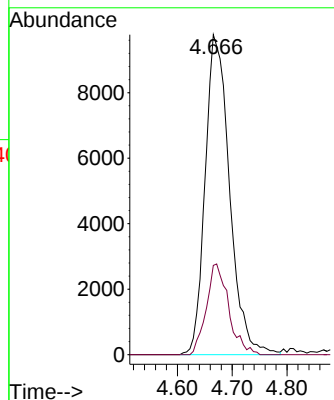
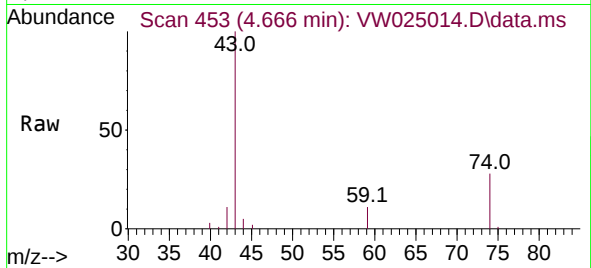




#15
Methyl Acetate
Concen: 19.913 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

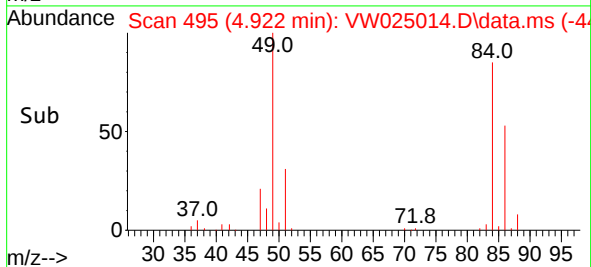
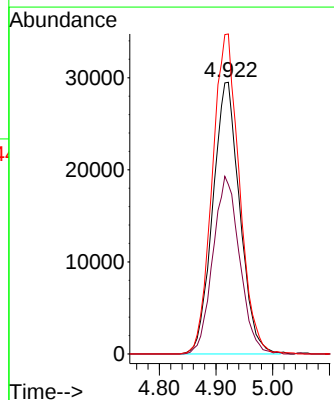
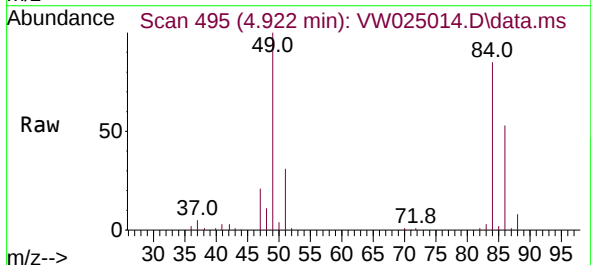
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

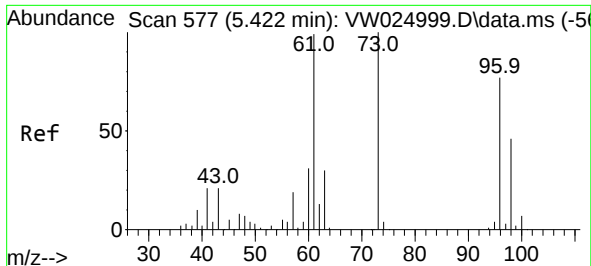
Tgt Ion: 43 Resp: 30195
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8



#16
Methylene chloride
Concen: 19.408 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 84 Resp: 97523
Ion Ratio Lower Upper
84 100
86 62.4 42.6 79.0
49 117.8 81.9 152.1

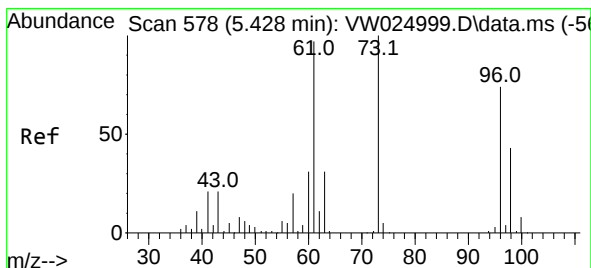
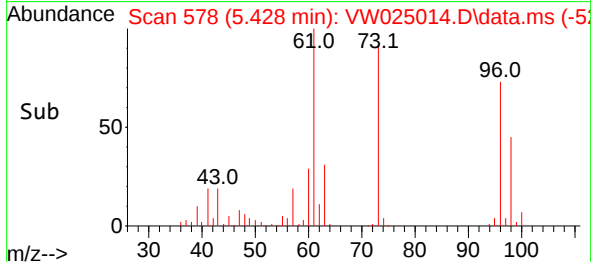
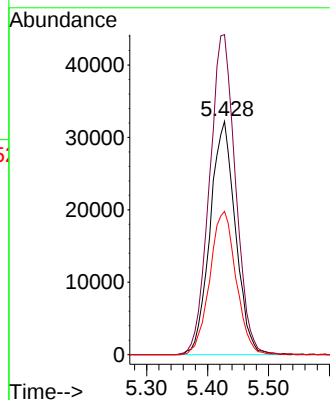
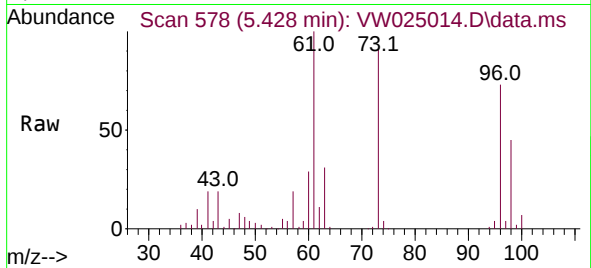




#17
trans-1,2-Dichloroethene
Concen: 24.823 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

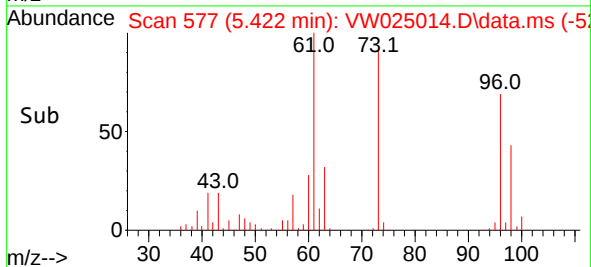
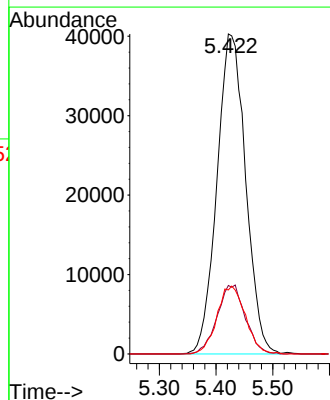
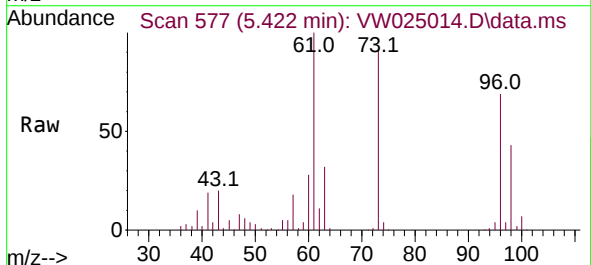
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

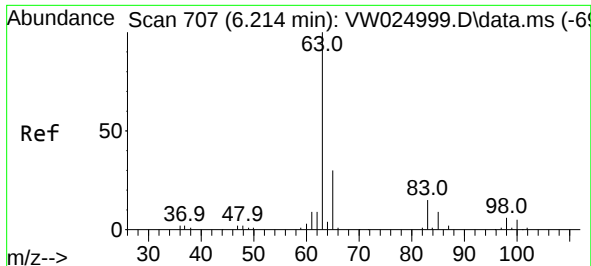
Tgt Ion: 96 Resp: 93314
Ion Ratio Lower Upper
96 100
61 137.2 97.6 181.2
98 61.4 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 22.416 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 73 Resp: 141350
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8
57 20.9 17.1 25.7

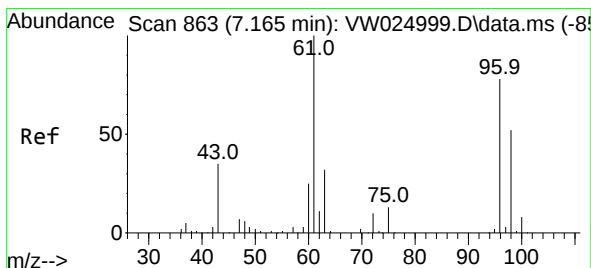
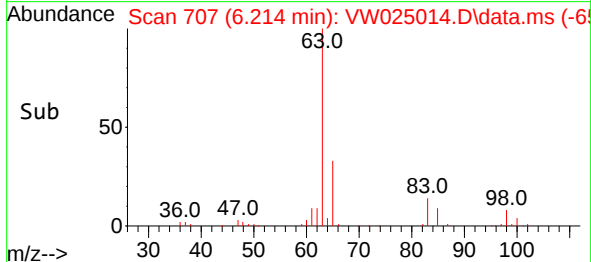
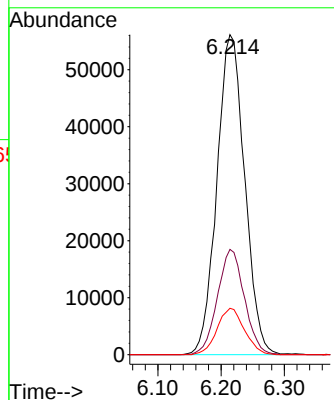
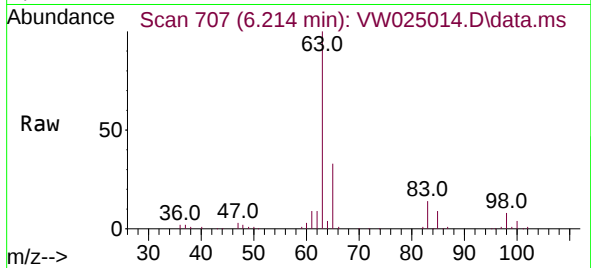




#19
1,1-Dichloroethane
Concen: 24.590 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

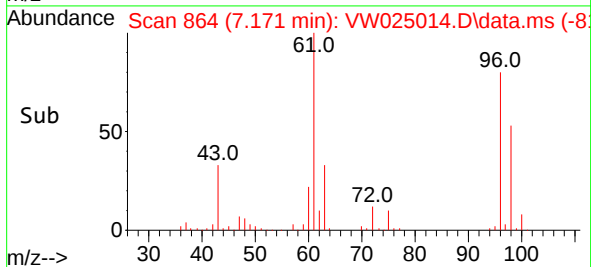
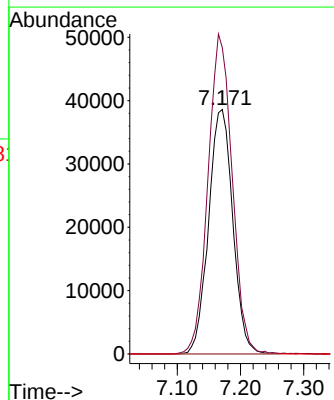
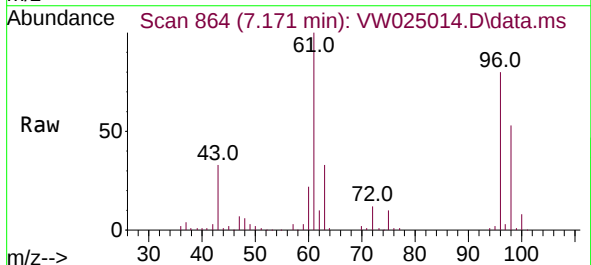
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

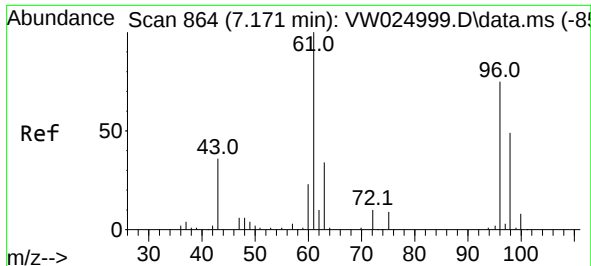
Tgt Ion: 63 Resp: 171134
Ion Ratio Lower Upper
63 100
65 32.9 22.2 41.2
83 14.5 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.068 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 96 Resp: 102707
Ion Ratio Lower Upper
96 100
61 125.3 91.8 170.6
68 0.0 0.0 0.0

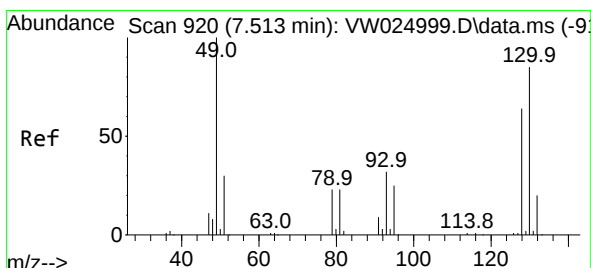
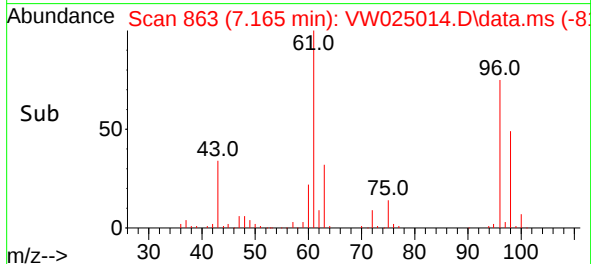
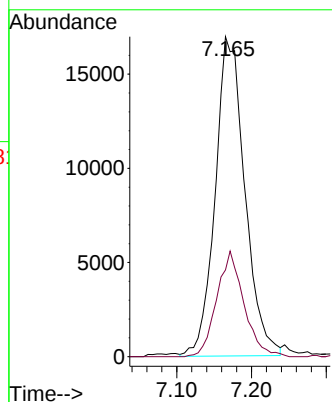
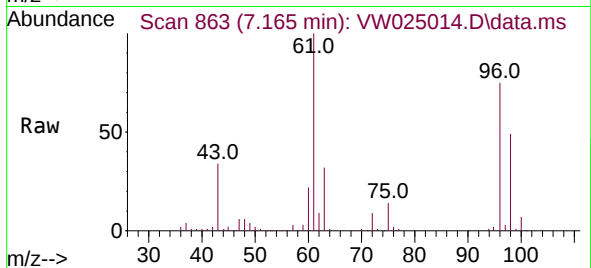




#22
2-Butanone
Concen: 40.928 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

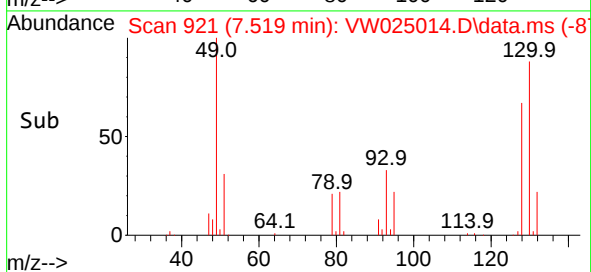
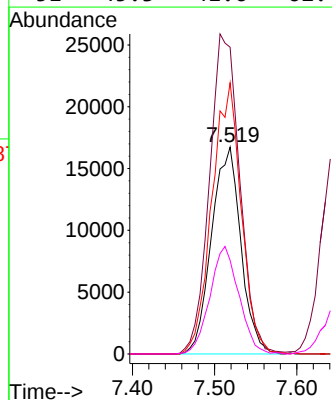
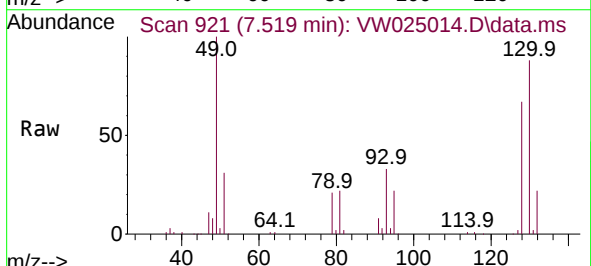
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

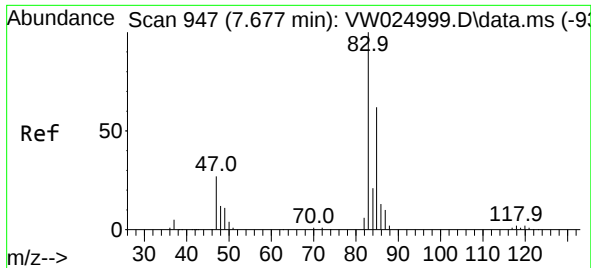
Tgt Ion: 43 Resp: 46702
Ion Ratio Lower Upper
43 100
72 30.3 14.6 44.0



#23
Bromochloromethane
Concen: 23.354 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 128 Resp: 41482
Ion Ratio Lower Upper
128 100
49 148.3 112.8 209.4
130 131.1 86.2 160.2
51 45.3 41.6 62.4

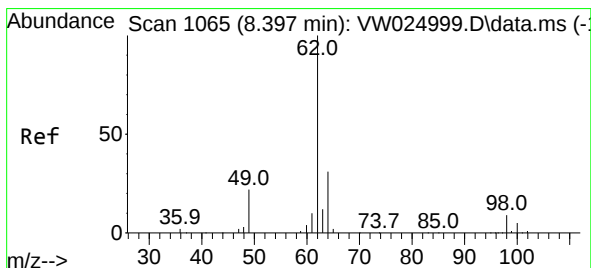
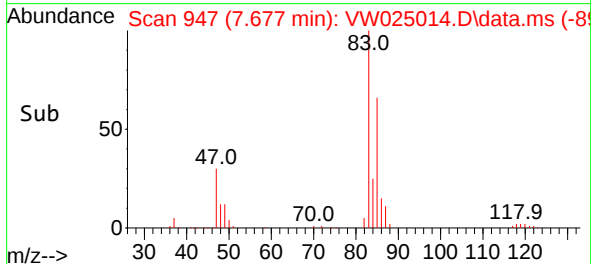
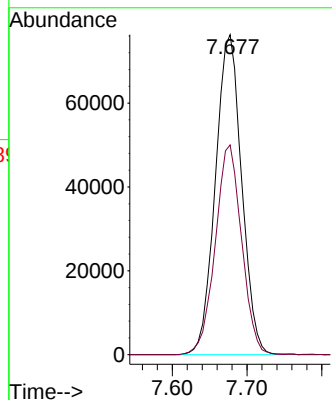
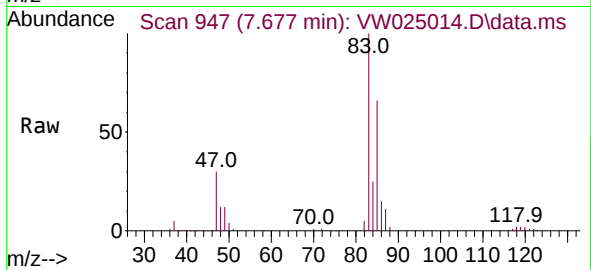




#25
Chloroform
Concen: 25.376 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

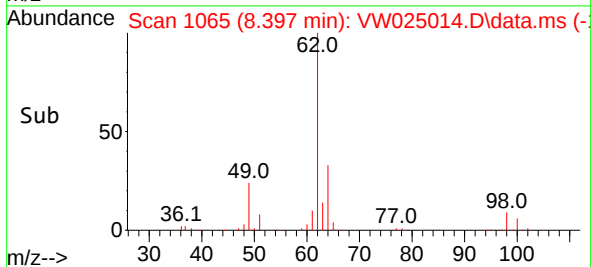
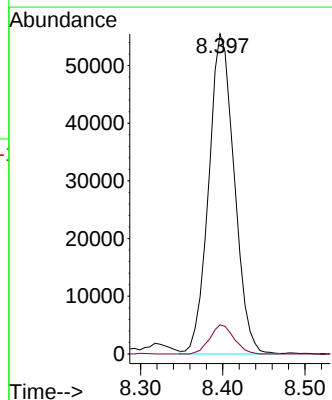
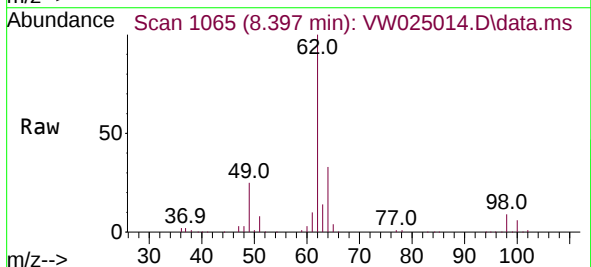
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

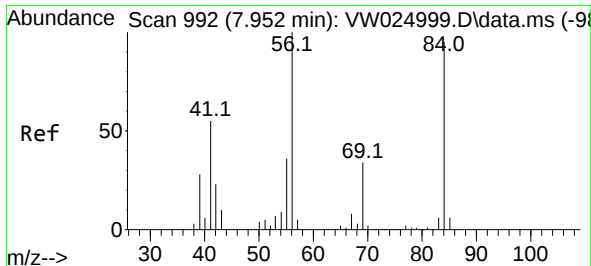
Tgt Ion: 83 Resp: 186388
Ion Ratio Lower Upper
83 100
85 65.5 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.092 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 62 Resp: 120032
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4

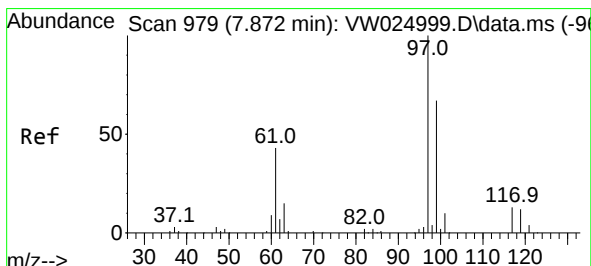
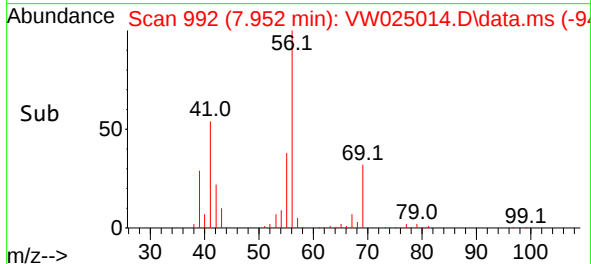
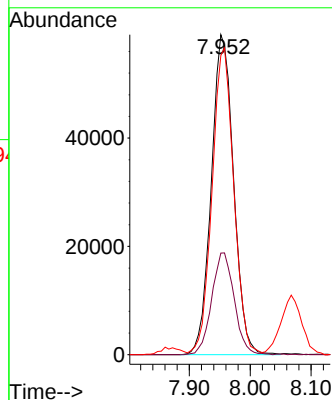
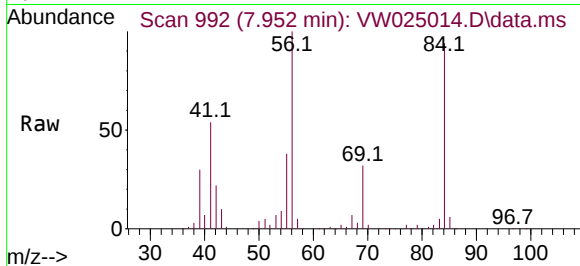




#29
Cyclohexane
Concen: 24.398 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

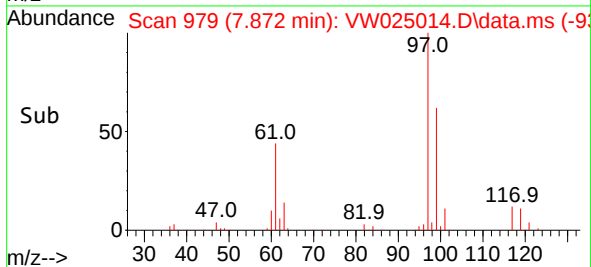
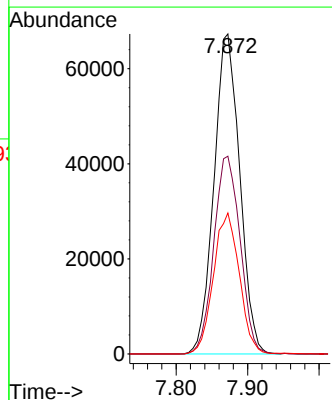
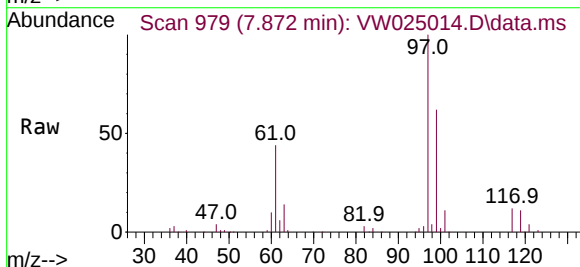
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

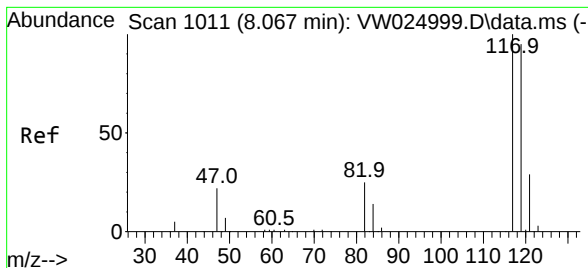
Tgt Ion:	56	Resp:	150163
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.4
84	93.5	72.6	108.8



#30
1,1,1-Trichloroethane
Concen: 26.439 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:	97	Resp:	168644
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.8
61	44.2	36.6	54.8

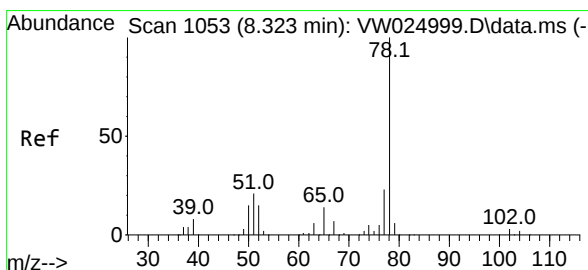
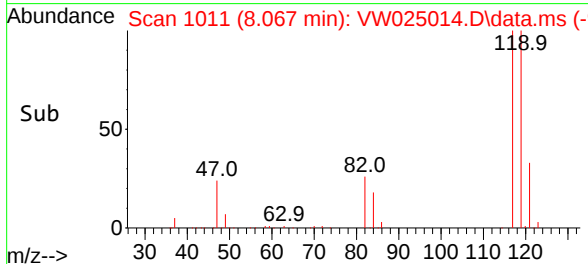
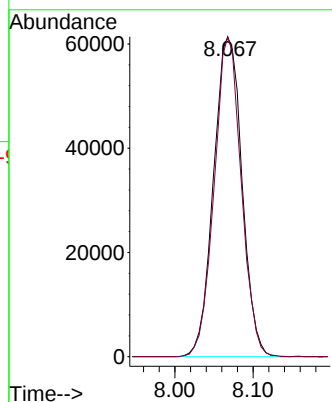
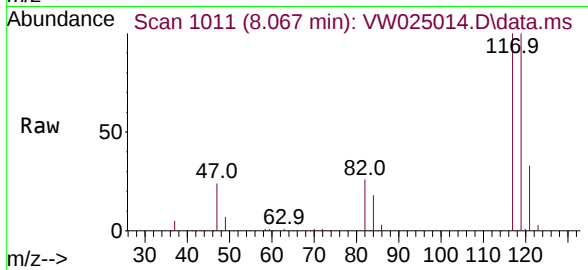




#31
Carbon tetrachloride
Concen: 27.096 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

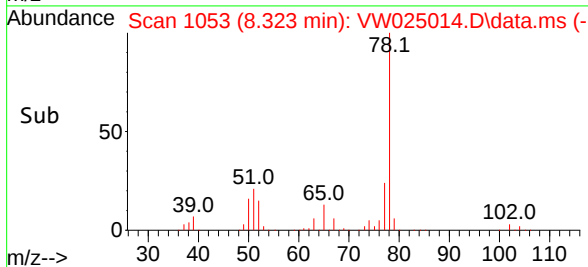
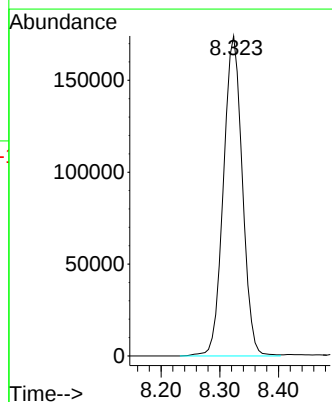
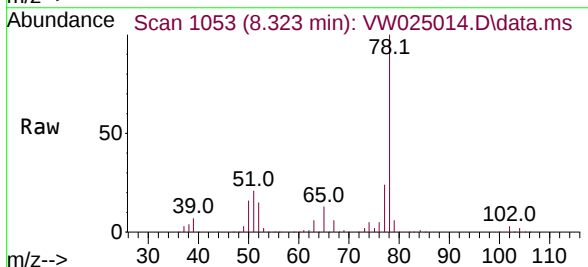
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

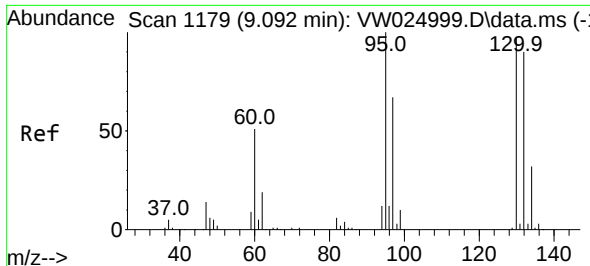
Tgt Ion:117 Resp: 154442
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5



#33
Benzene
Concen: 24.807 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 78 Resp: 389384



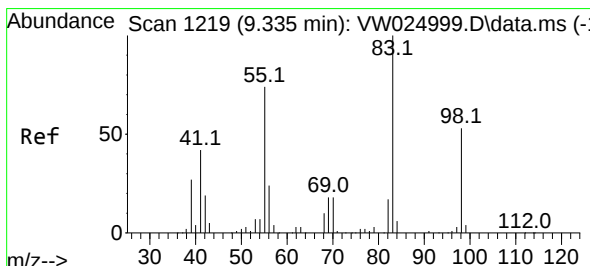
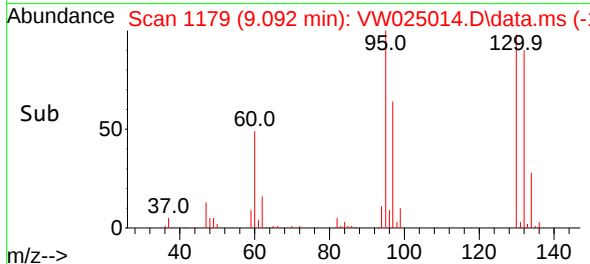
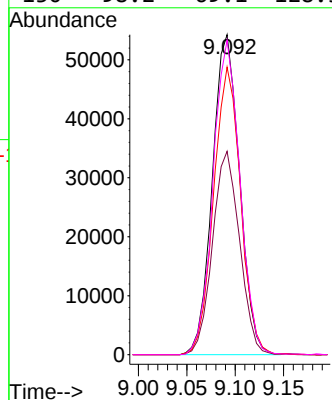
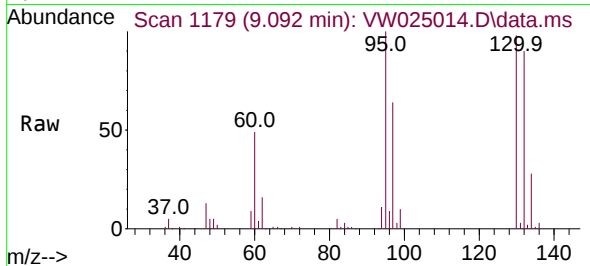


#34
Trichloroethene
Concen: 25.490 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 95 Resp: 105917

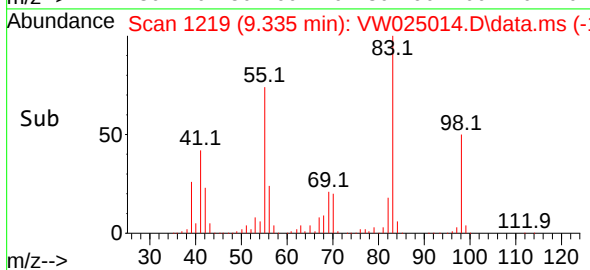
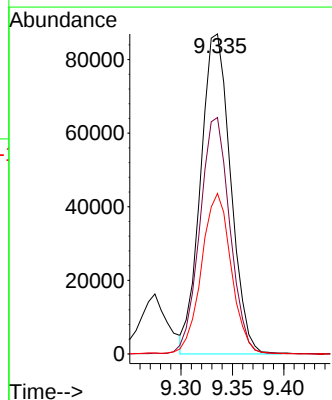
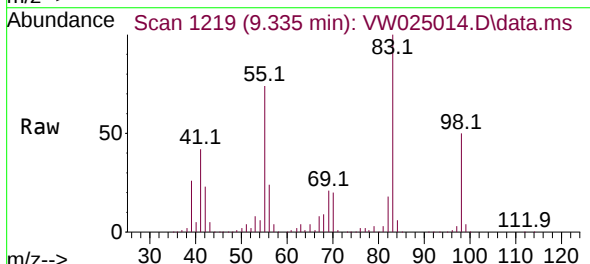
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	83.1
132	89.9	62.6	116.2
130	98.2	69.1	128.3

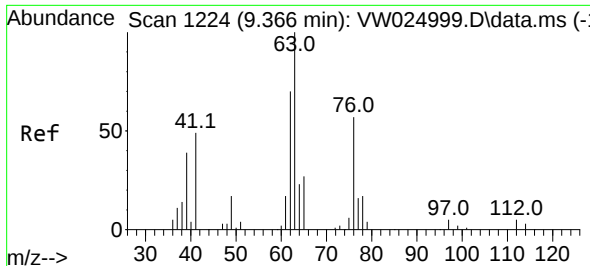


#35
Methylcyclohexane
Concen: 25.078 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 83 Resp: 177059

Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.4	90.6
98	49.8	39.5	59.3





#37

1,2-Dichloropropane

Concen: 23.648 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

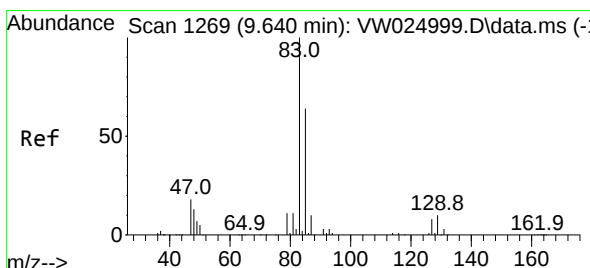
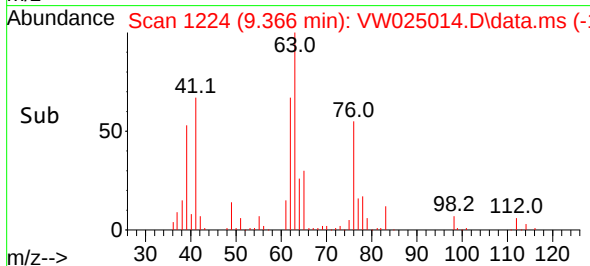
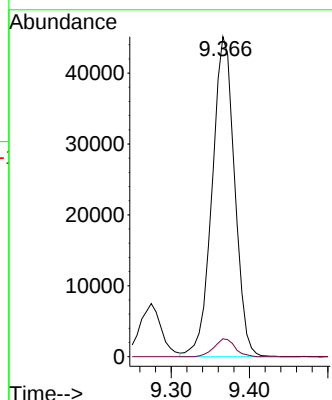
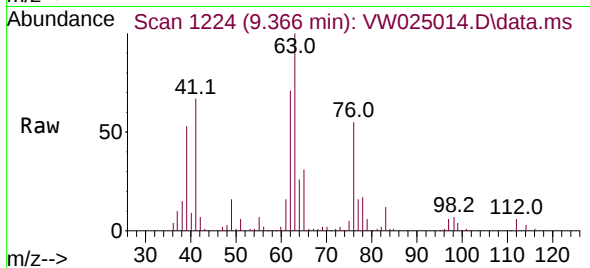
VSTD025485

Tgt Ion: 63 Resp: 90092

Ion Ratio Lower Upper

63 100

112 5.2 3.6 5.4



#38

Bromodichloromethane

Concen: 25.510 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

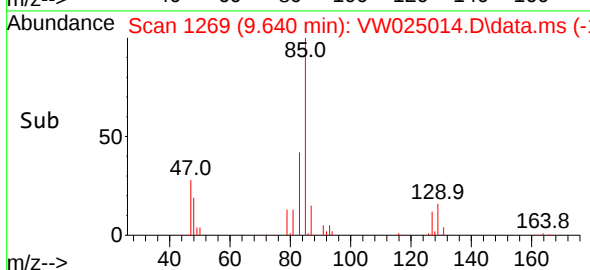
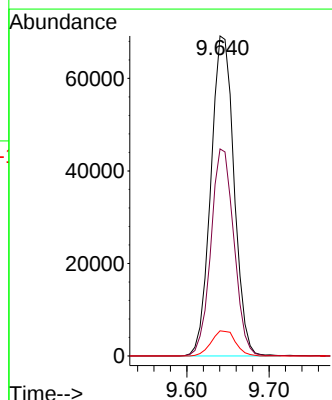
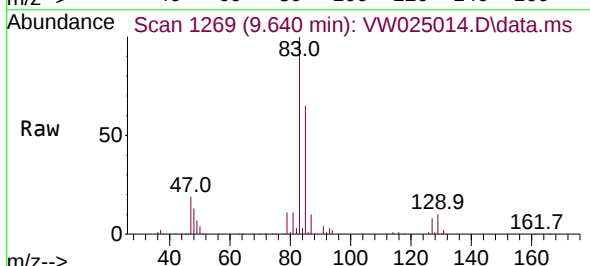
Tgt Ion: 83 Resp: 135637

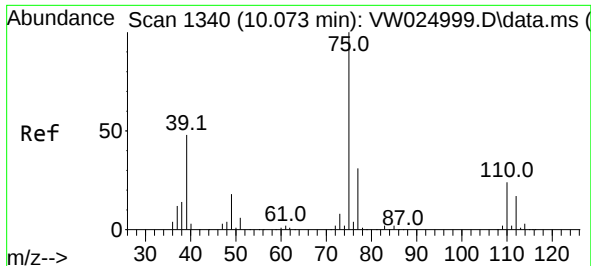
Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0

127 7.8 6.8 10.2

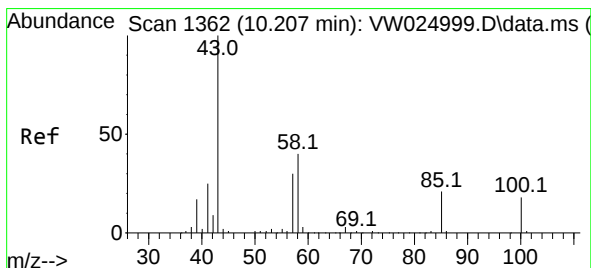
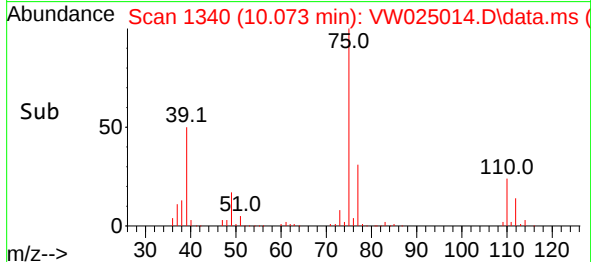
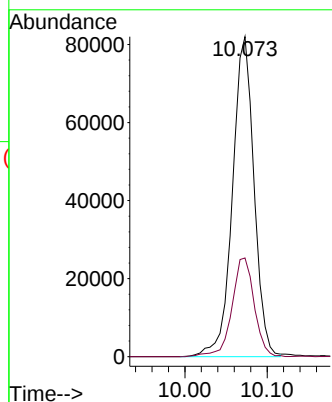
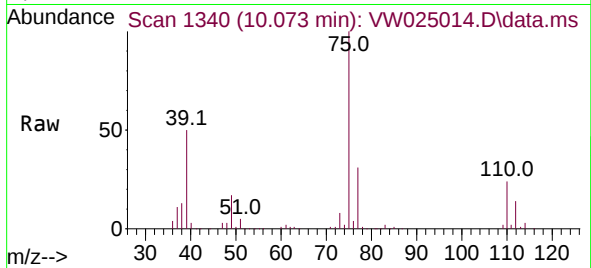




#39
cis-1,3-Dichloropropene
Concen: 24.866 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

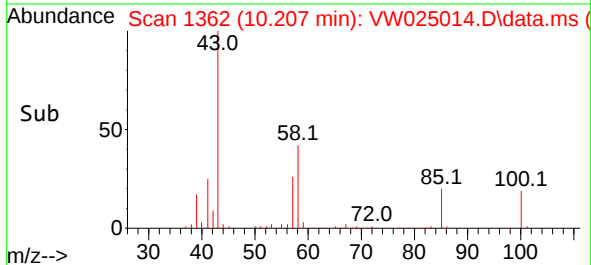
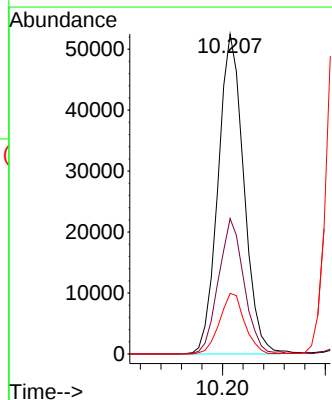
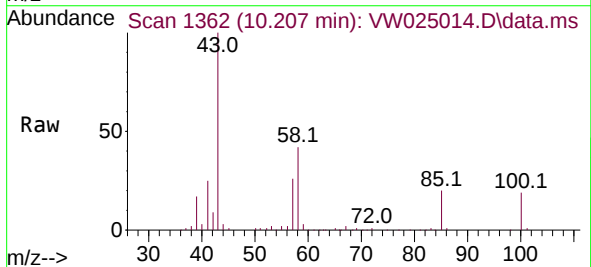
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

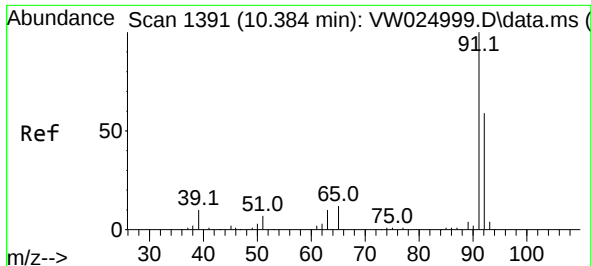
Tgt Ion: 75 Resp: 149756
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 40.766 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion: 43 Resp: 91137
Ion Ratio Lower Upper
43 100
58 41.8 32.6 48.8
100 18.4 14.0 21.0





#42

Toluene

Concen: 25.307 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

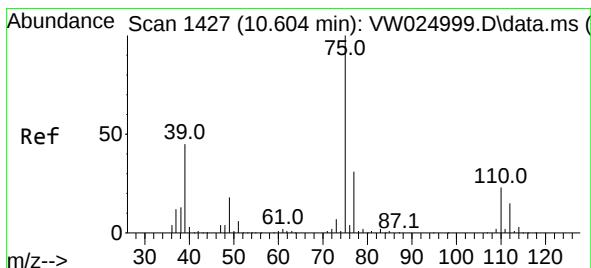
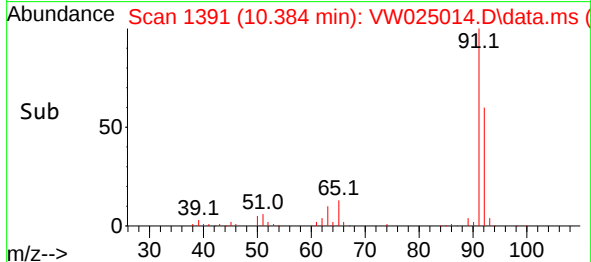
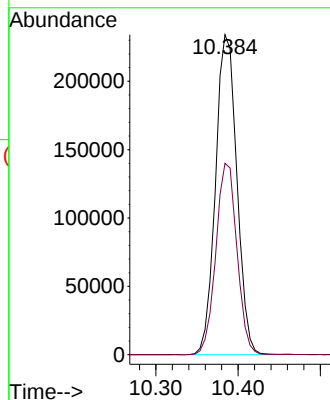
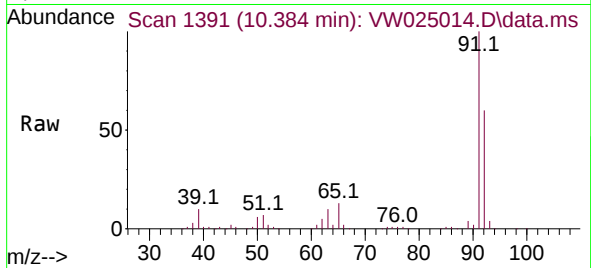
VSTD025485

Tgt Ion: 91 Resp: 421719

Ion Ratio Lower Upper

91 100

92 59.8 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 24.352 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025014.D

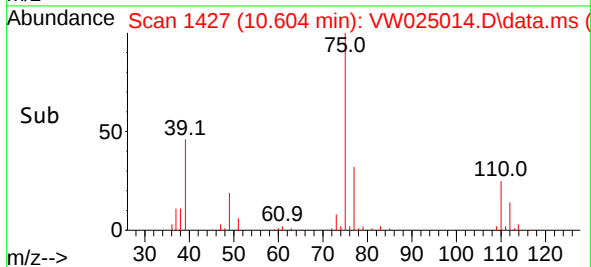
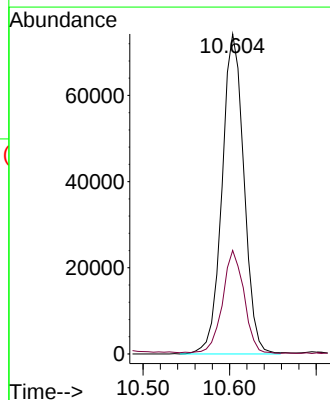
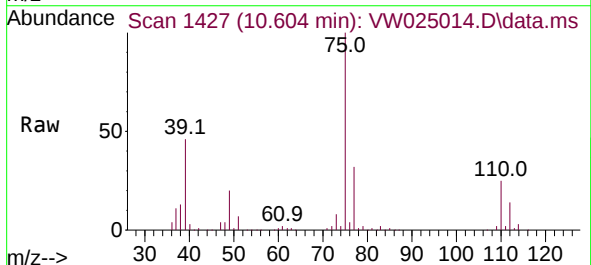
Acq: 03 Nov 2022 08:19

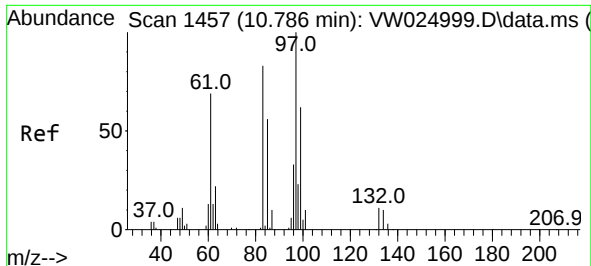
Tgt Ion: 75 Resp: 130388

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.5

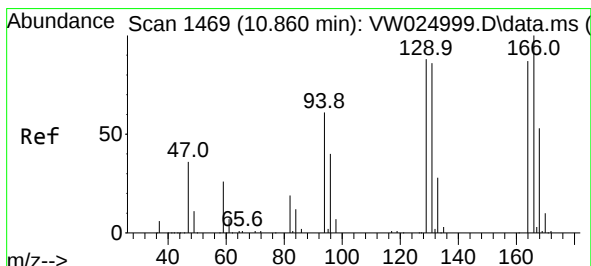
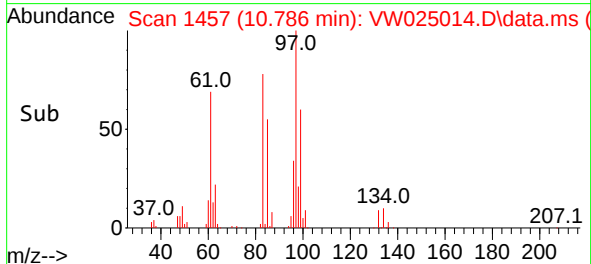
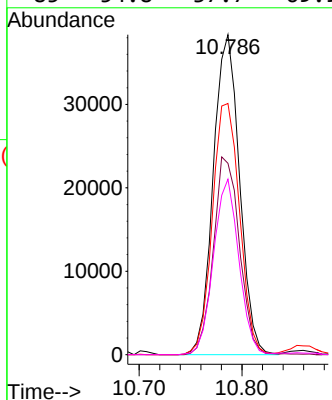
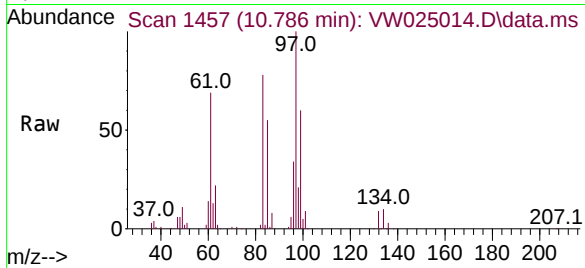




#45
1,1,2-Trichloroethane
Concen: 23.627 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

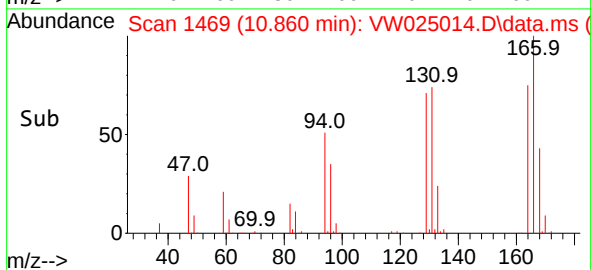
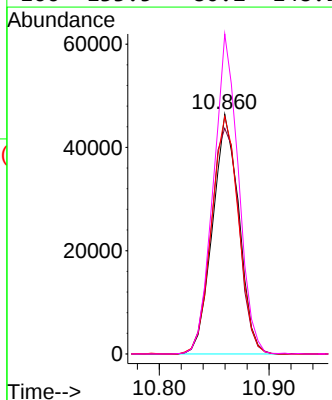
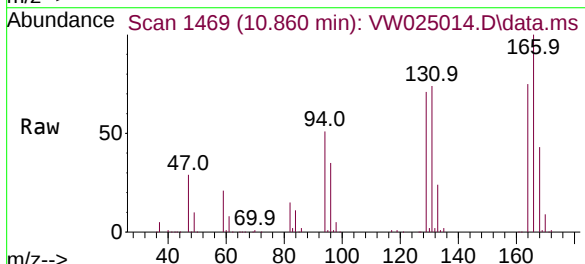
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

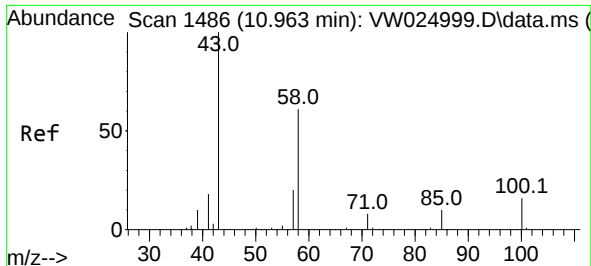
Tgt Ion:	97	Resp:	67961
Ion	Ratio	Lower	Upper
97	100		
99	59.8	44.0	81.6
83	78.5	59.9	111.3
85	54.8	37.7	69.9



#46
Tetrachloroethene
Concen: 26.032 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:	164	Resp:	77357
Ion	Ratio	Lower	Upper
164	100		
129	94.1	72.9	135.5
131	99.0	70.1	130.3
166	133.5	80.2	148.9

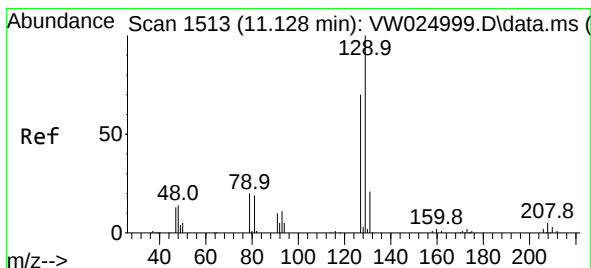
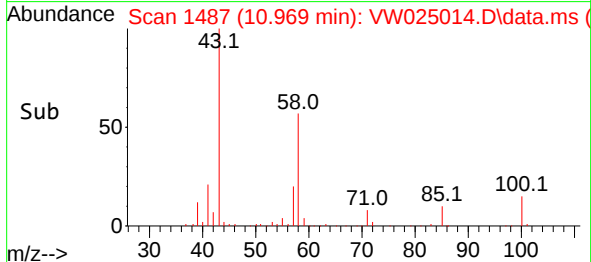
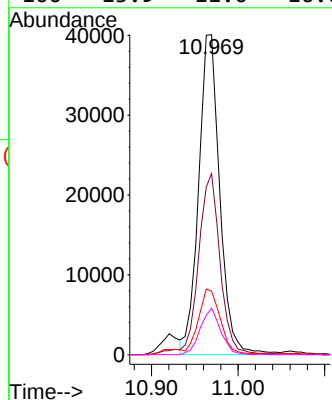
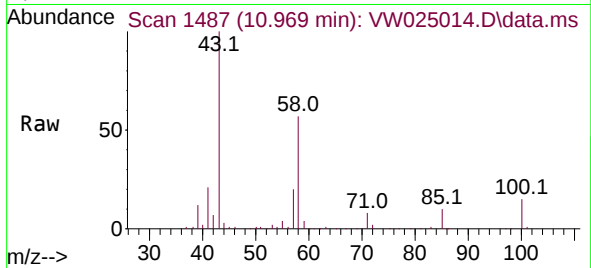




#48
2-Hexanone
Concen: 44.189 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

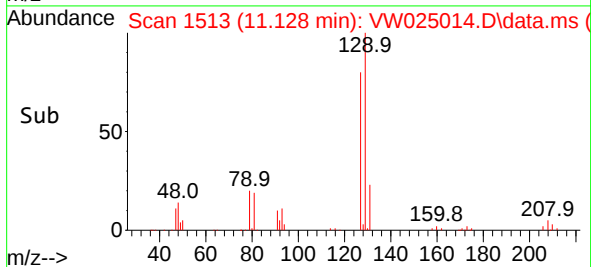
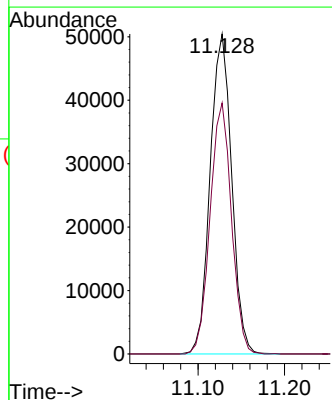
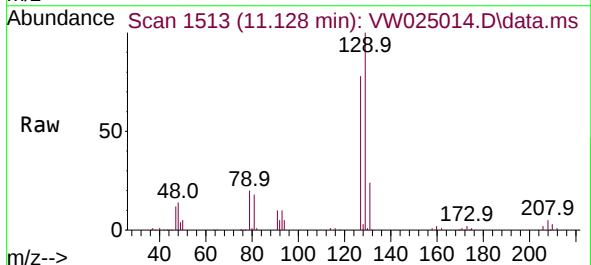
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

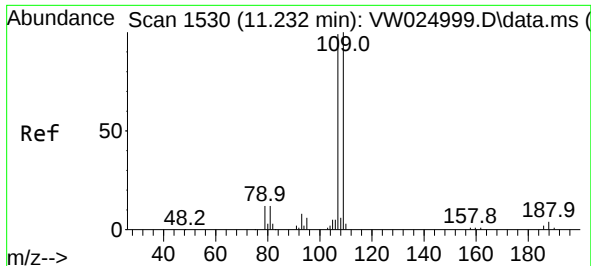
Tgt Ion:	43	Resp:	68321
Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.1	69.1
57	21.0	16.2	24.2
100	13.9	11.0	16.6



#49
Dibromochloromethane
Concen: 24.812 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:	129	Resp:	86998
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.2	98.8





#50

1,2-Dibromoethane

Concen: 22.696 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

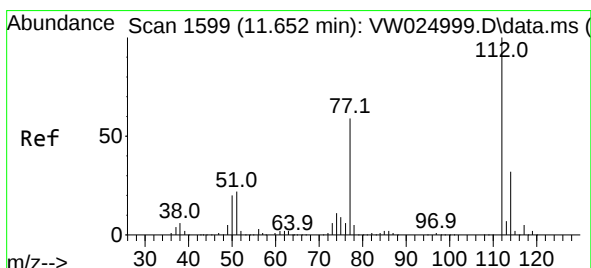
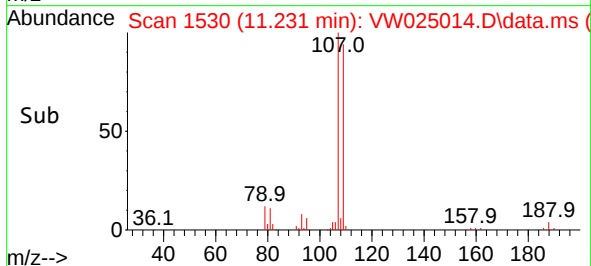
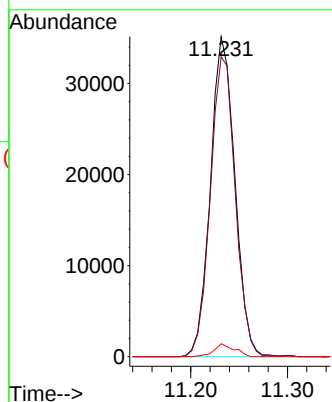
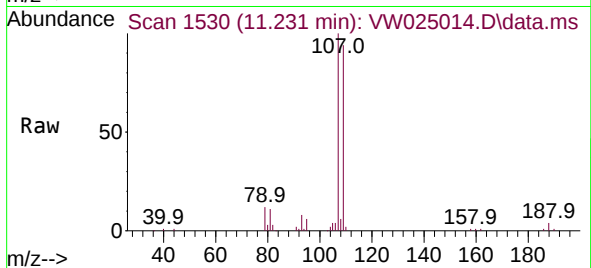
Tgt Ion:107 Resp: 61742

Ion Ratio Lower Upper

107 100

109 93.7 64.5 119.7

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 25.047 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

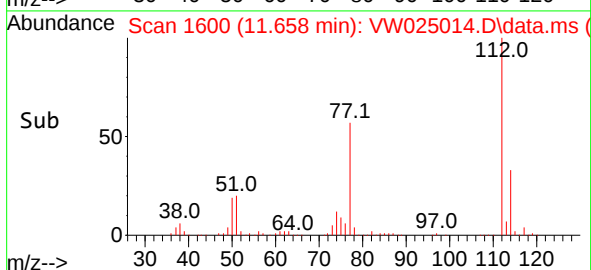
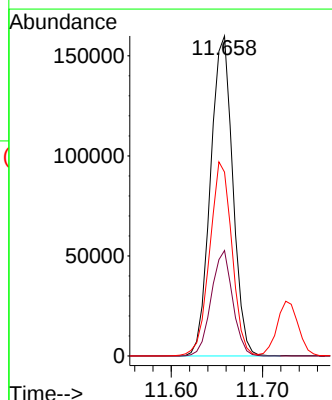
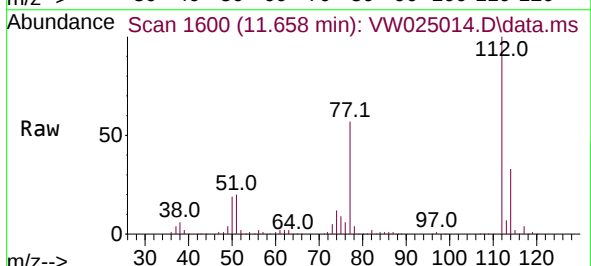
Tgt Ion:112 Resp: 270549

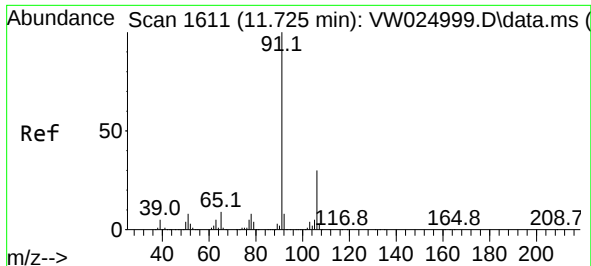
Ion Ratio Lower Upper

112 100

114 33.0 20.8 38.6

77 57.5 48.2 72.2

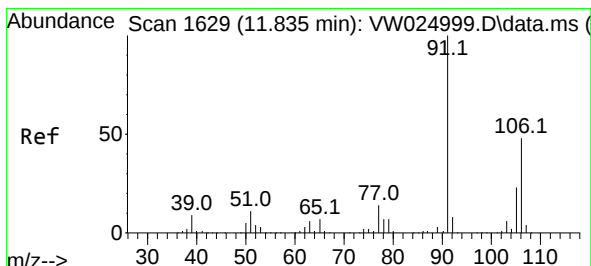
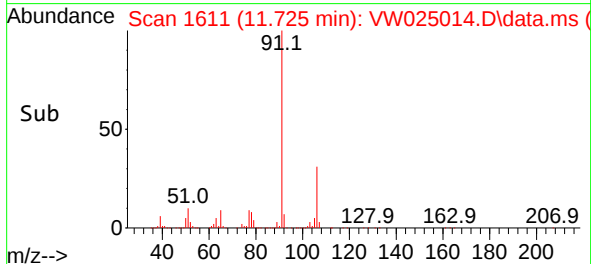
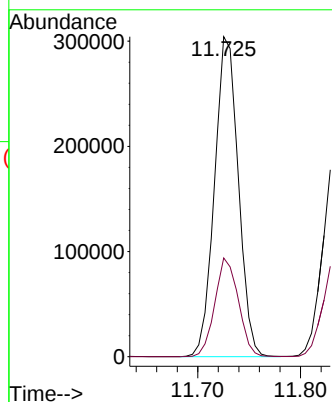
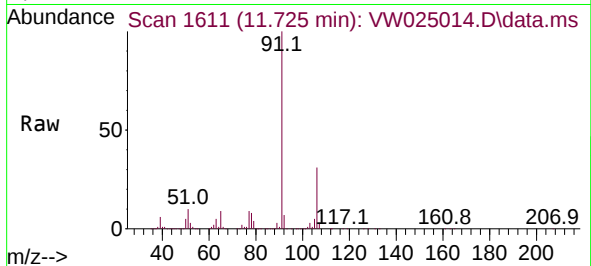




#52
Ethylbenzene
Concen: 25.407 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

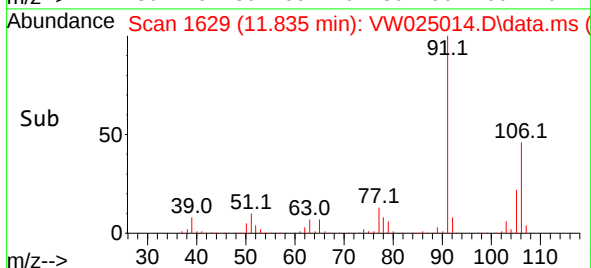
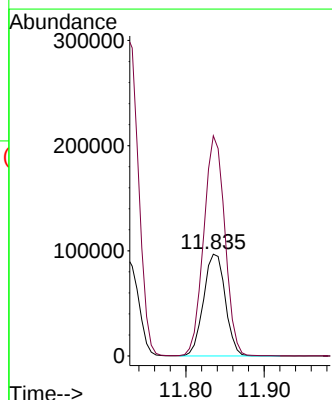
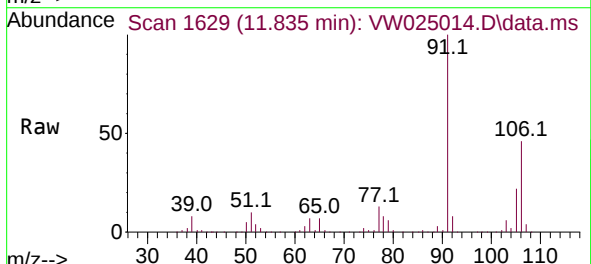
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

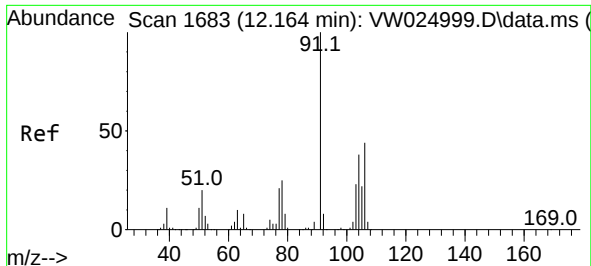
Tgt Ion: 91 Resp: 488722
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.5



#53
m,p-Xylene
Concen: 25.070 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:106 Resp: 186670
Ion Ratio Lower Upper
106 100
91 216.5 143.9 267.2

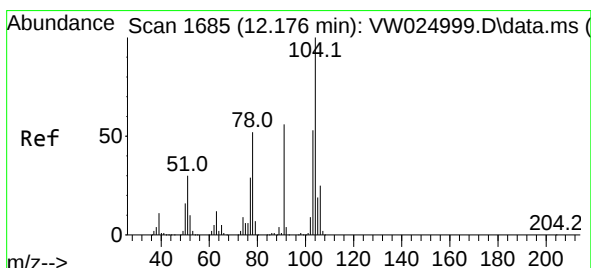
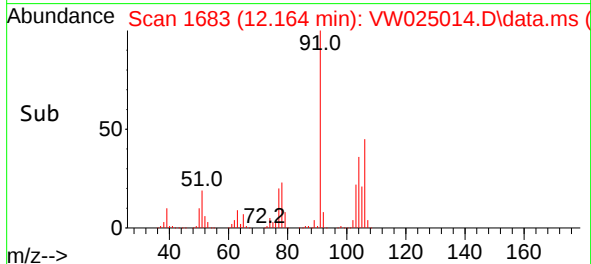
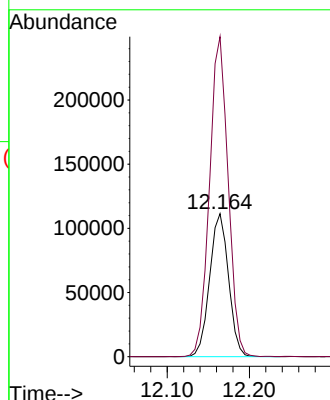
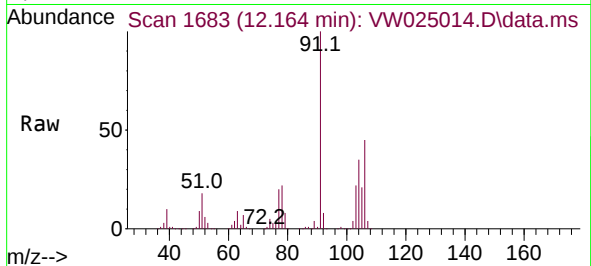




#54
o-Xylene
Concen: 25.295 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

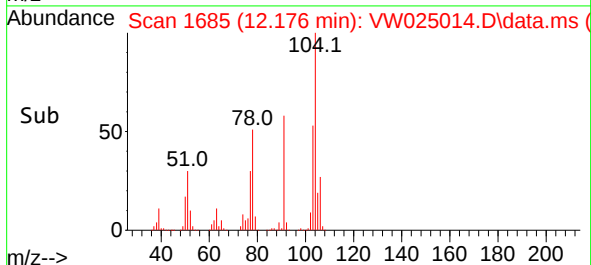
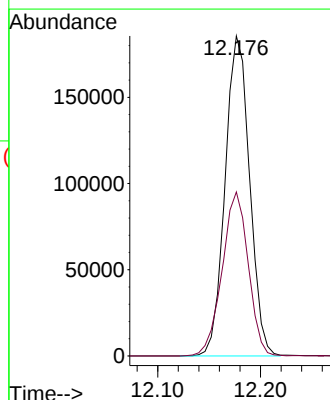
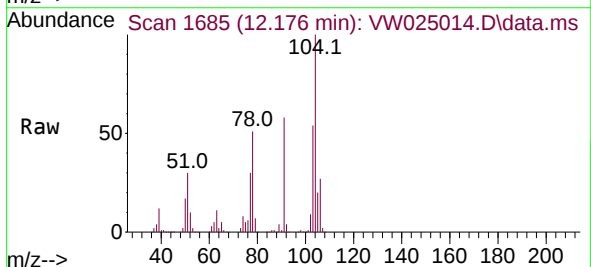
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

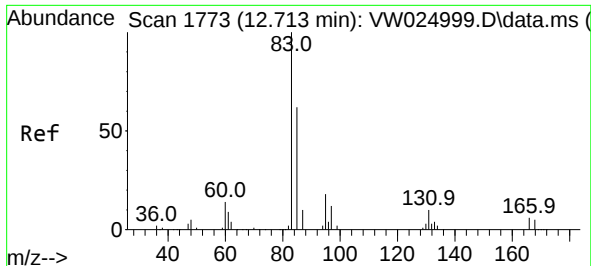
Tgt Ion:106 Resp: 177687
Ion Ratio Lower Upper
106 100
91 223.7 153.5 285.1



#55
Styrene
Concen: 25.166 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:104 Resp: 307040
Ion Ratio Lower Upper
104 100
78 51.3 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 22.150 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

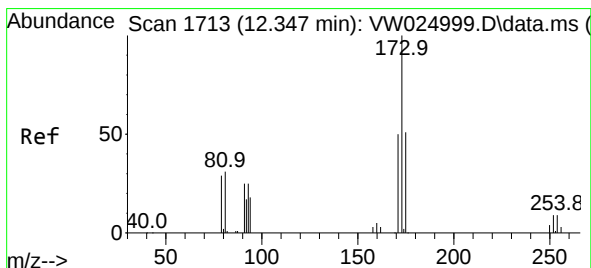
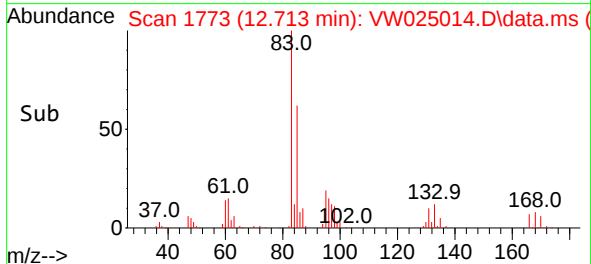
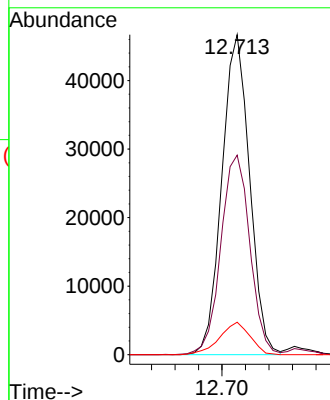
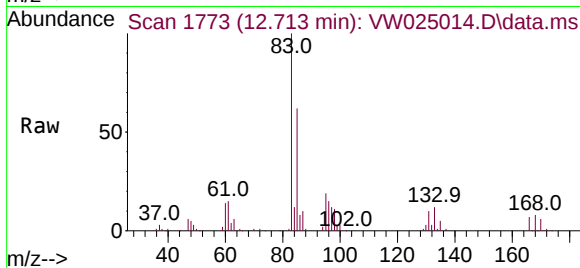
Tgt Ion: 83 Resp: 76431

Ion Ratio Lower Upper

83 100

85 62.4 46.4 86.2

131 10.2 8.2 12.4



#59

Bromoform

Concen: 22.914 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

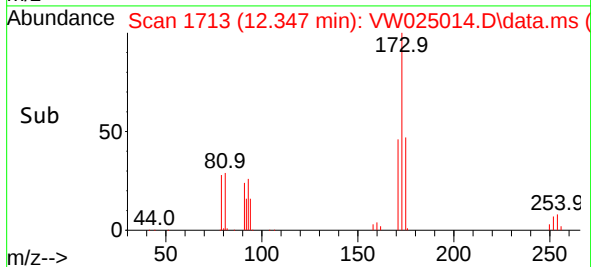
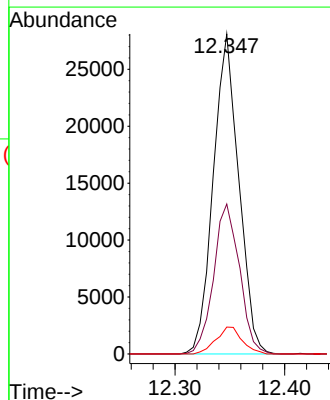
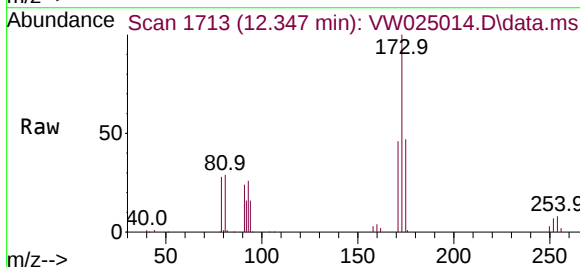
Tgt Ion: 173 Resp: 45375

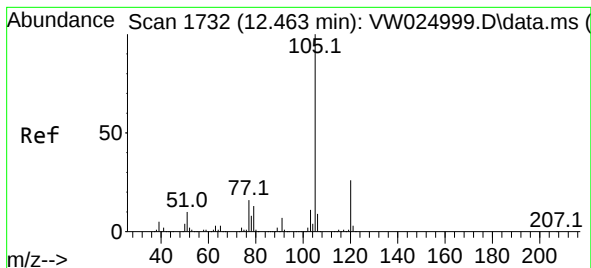
Ion Ratio Lower Upper

173 100

175 47.5 37.4 56.2

254 8.6 5.8 8.8





#60

Isopropylbenzene

Concen: 24.300 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

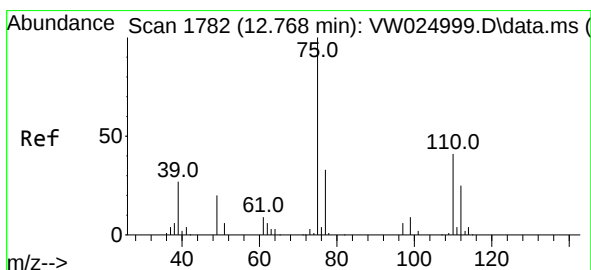
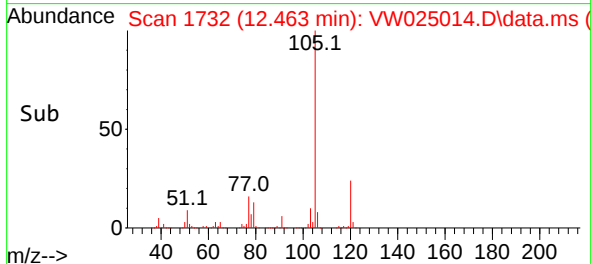
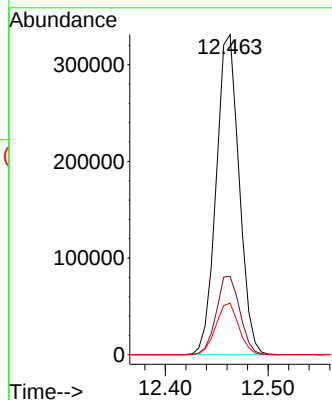
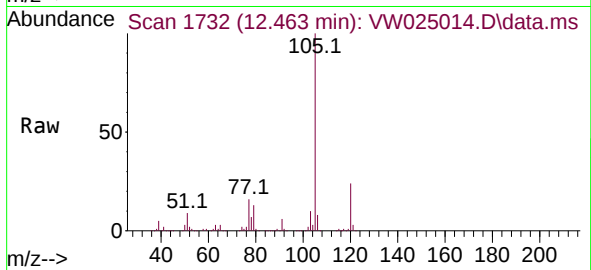
Tgt Ion:105 Resp: 511511

Ion Ratio Lower Upper

105 100

120 25.2 20.8 31.2

77 16.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 20.247 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

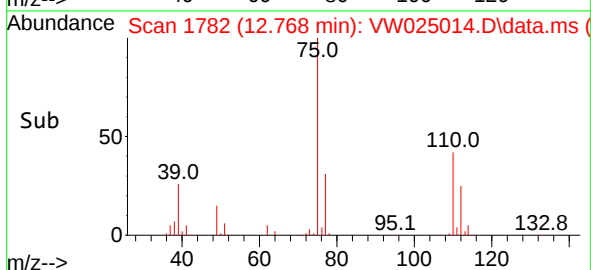
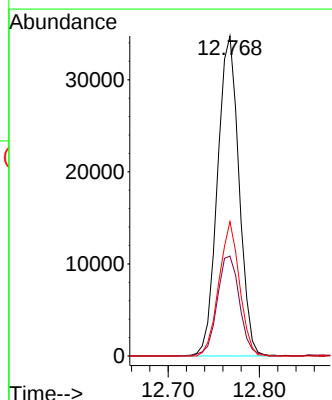
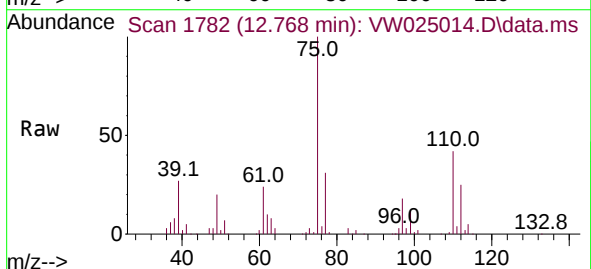
Tgt Ion: 75 Resp: 56951

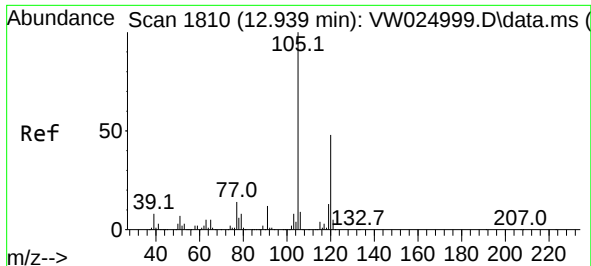
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 40.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.430 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

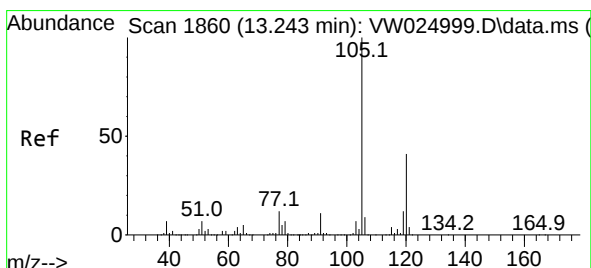
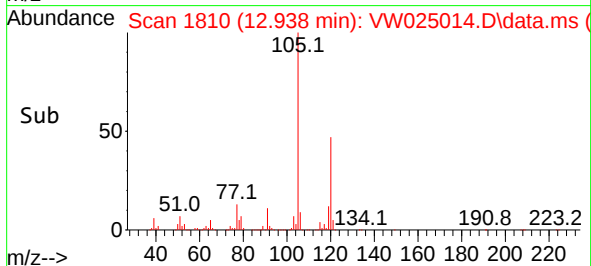
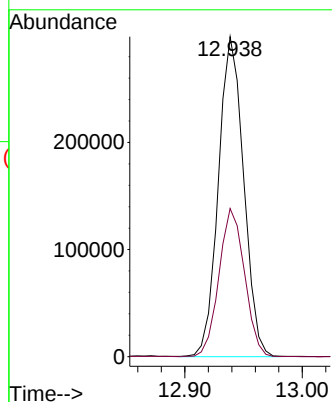
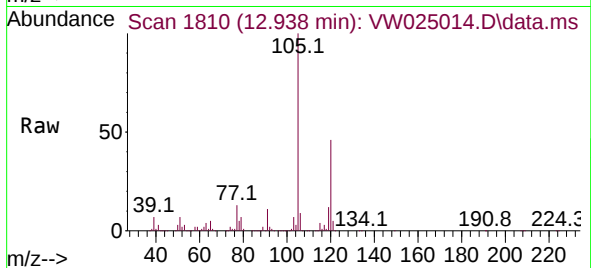
VSTD025485

Tgt Ion:105 Resp: 446393

Ion Ratio Lower Upper

105 100

120 46.8 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 24.254 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025014.D

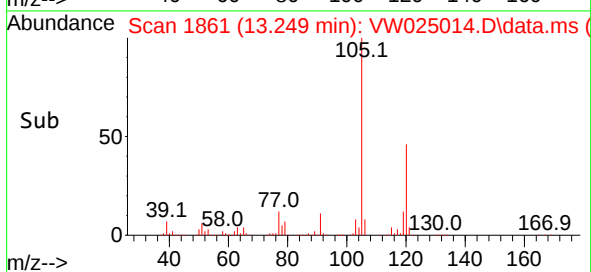
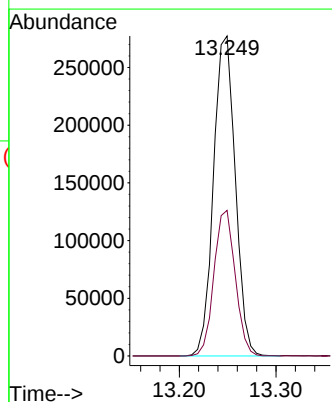
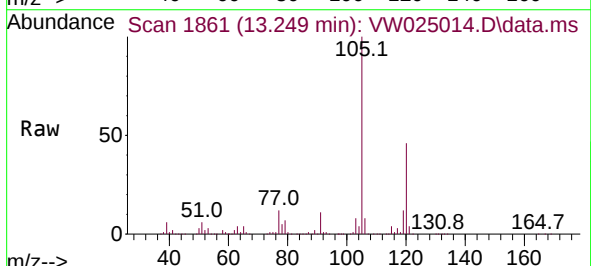
Acq: 03 Nov 2022 08:19

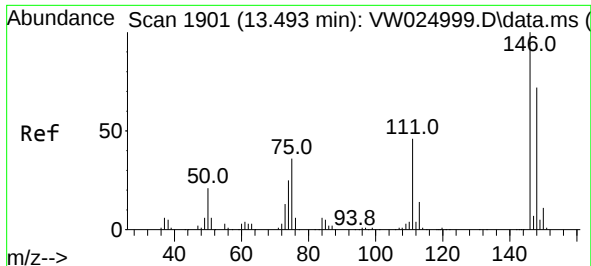
Tgt Ion:105 Resp: 434580

Ion Ratio Lower Upper

105 100

120 44.4 35.7 53.5

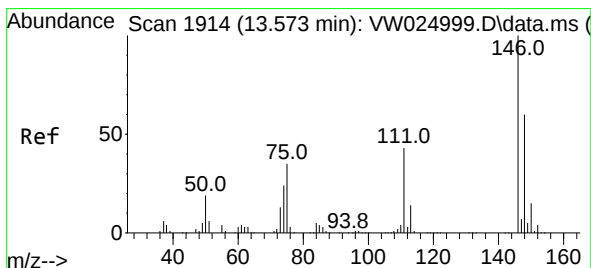
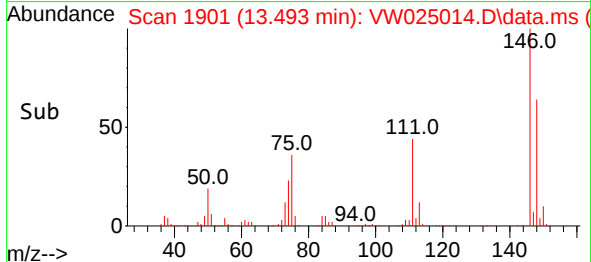
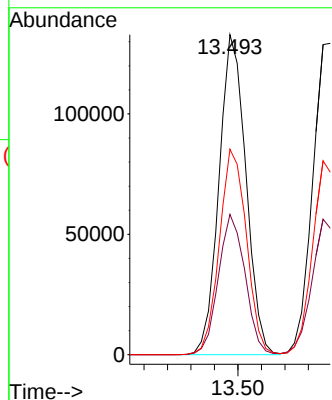
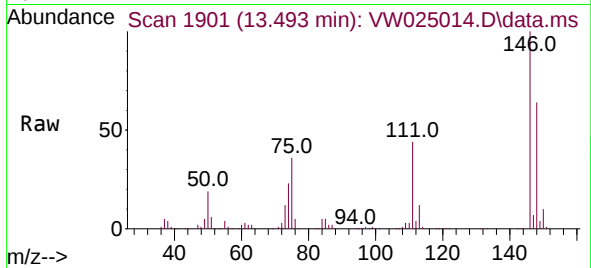




#64
1,3-Dichlorobenzene
Concen: 24.103 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

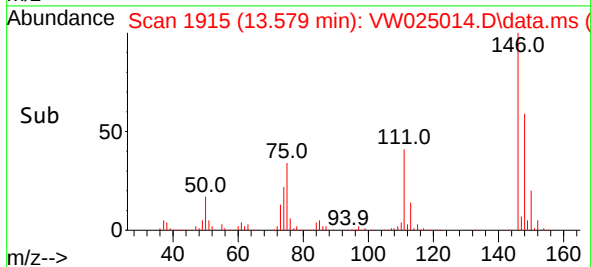
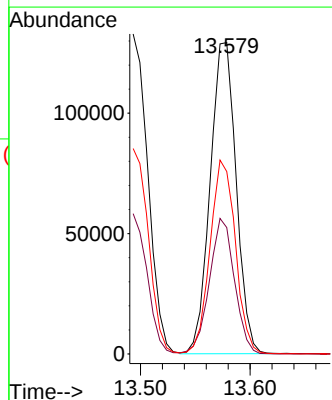
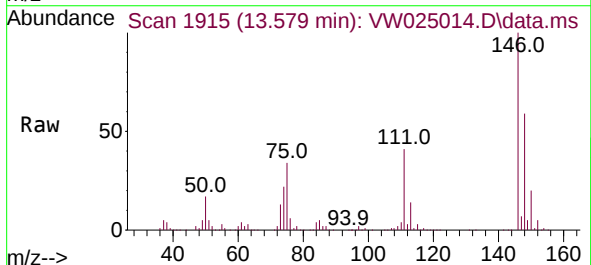
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

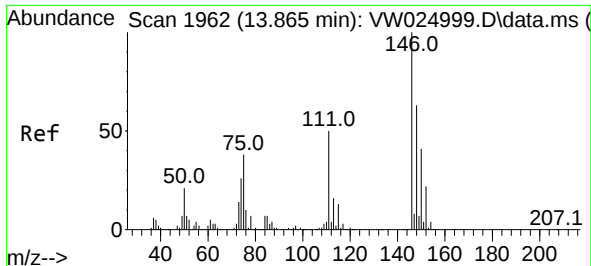
Tgt Ion:146 Resp: 211607
Ion Ratio Lower Upper
146 100
111 43.8 31.1 57.7
148 64.2 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.373 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025014.D
Acq: 03 Nov 2022 08:19

Tgt Ion:146 Resp: 213511
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.6
148 58.6 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 23.373 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

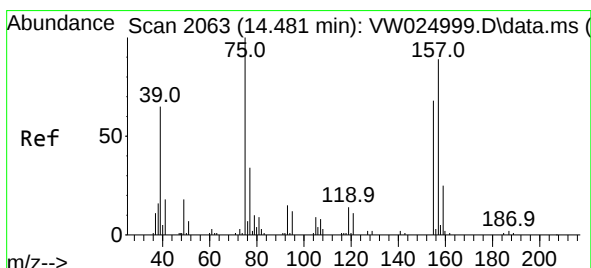
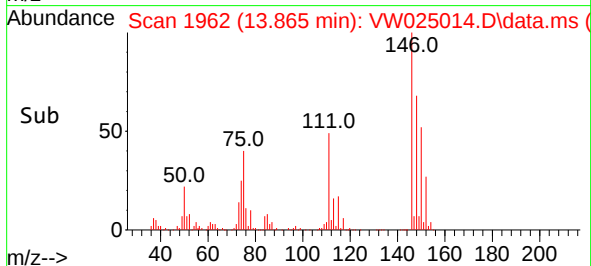
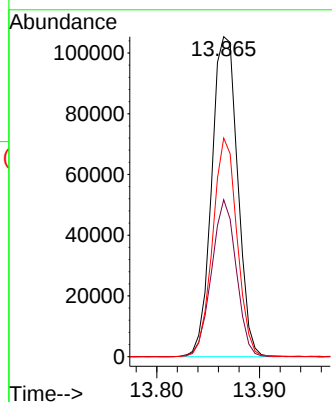
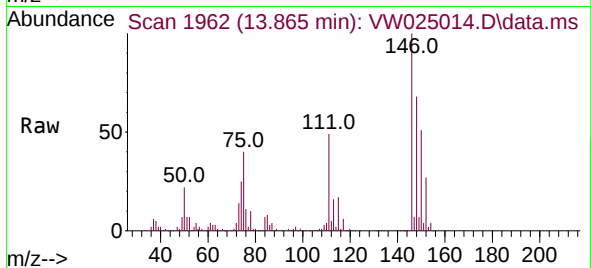
Tgt Ion:146 Resp: 184502

Ion Ratio Lower Upper

146 100

111 49.1 34.2 51.4

148 68.3 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.174 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

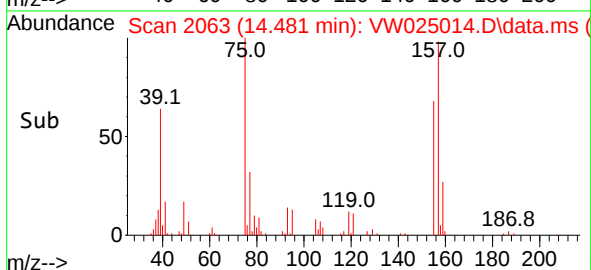
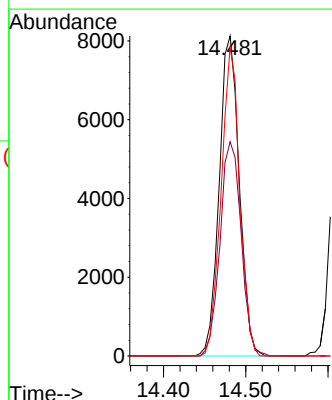
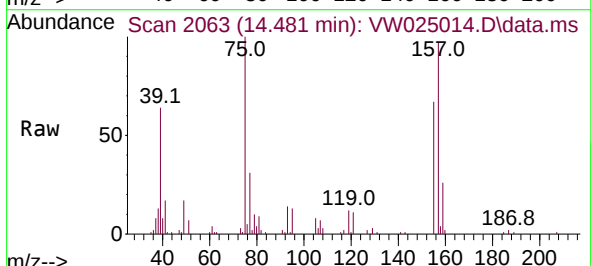
Tgt Ion: 75 Resp: 13764

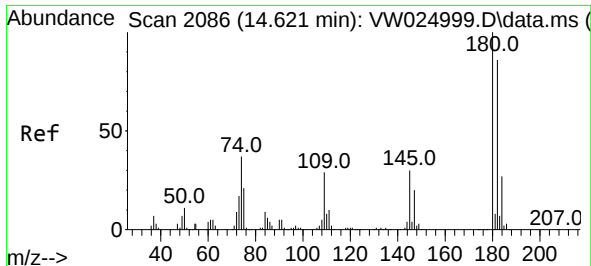
Ion Ratio Lower Upper

75 100

155 67.0 61.2 91.8

157 96.5 72.4 108.6

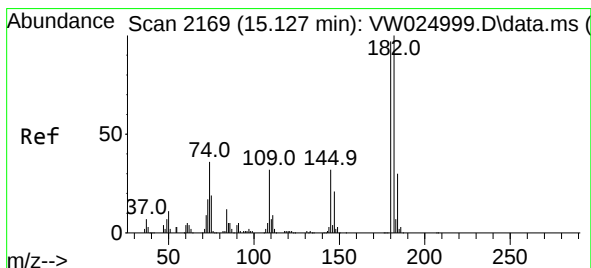
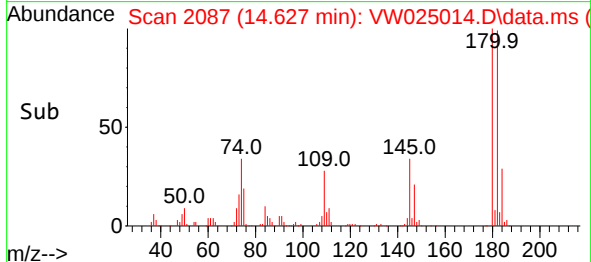
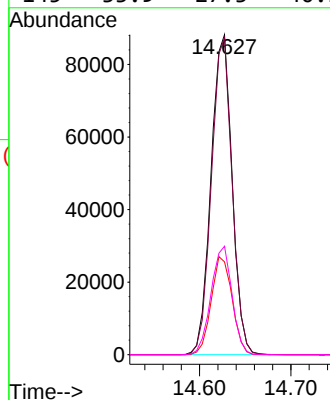
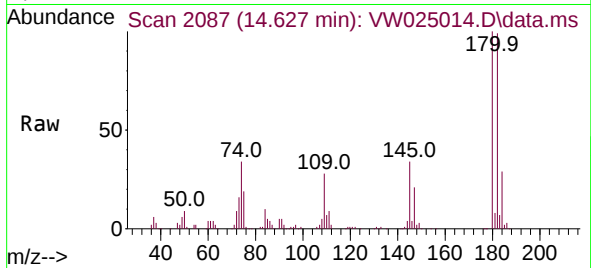




#69
 1,3,5-Trichlorobenzene
 Concen: 24.260 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

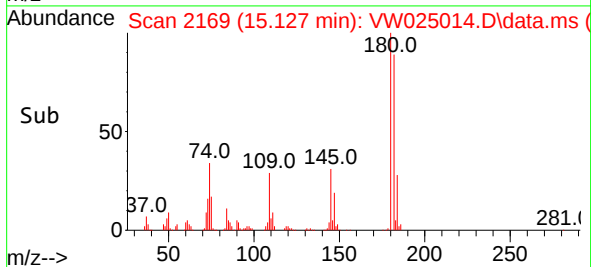
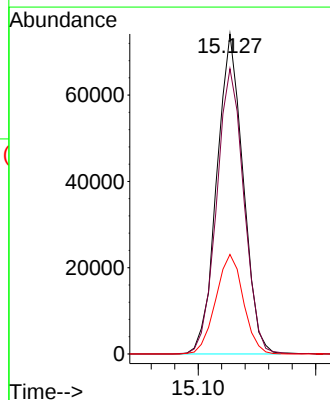
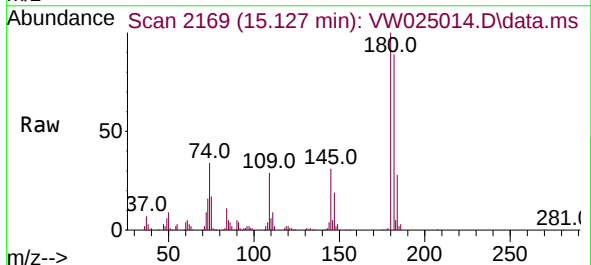
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

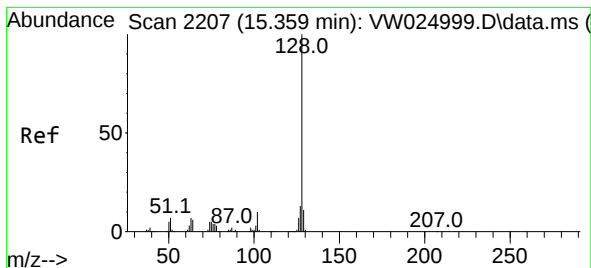
Tgt Ion:	180	Resp:	141068
Ion Ratio	Lower	Upper	
180	100		
182	97.0	75.7	113.5
184	30.4	23.4	35.2
145	33.9	27.3	40.9



#70
 1,2,4-trichlorobenzene
 Concen: 25.533 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025014.D
 Acq: 03 Nov 2022 08:19

Tgt Ion:	180	Resp:	115399
Ion Ratio	Lower	Upper	
180	100		
182	92.2	74.9	112.3
145	32.6	27.0	40.4





#71

Naphthalene

Concen: 21.652 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

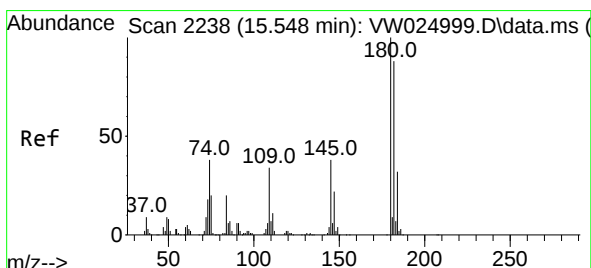
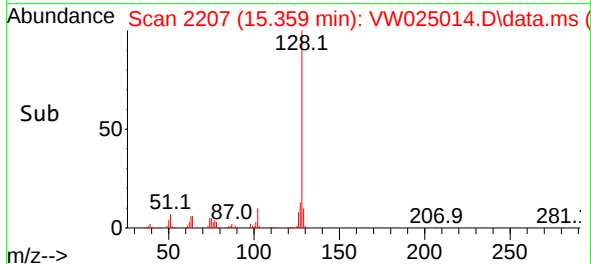
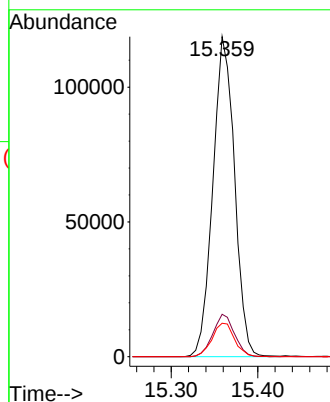
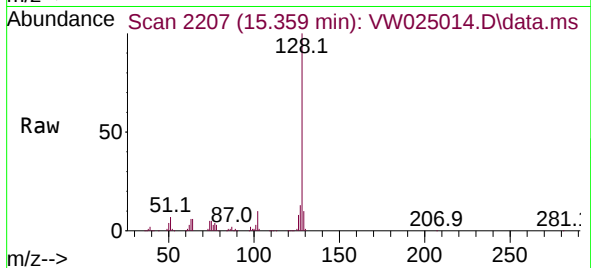
Tgt Ion:128 Resp: 206437

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.298 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025014.D

Acq: 03 Nov 2022 08:19

Tgt Ion:180 Resp: 91747

Ion Ratio Lower Upper

180 100

182 95.0 74.1 111.1

145 36.4 28.2 42.2

