

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024991.D
 Acq On : 26 Oct 2022 17:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 6.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Oct 27 04:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:48:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	335813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303889	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84168	22.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
7) Chloroethane-d5	2.885	69	47458	21.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.960%
11) 1,1-Dichloroethene-d2	4.019	63	212214	22.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.080	46	62293	48.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.940%
24) Chloroform-d	7.647	84	249633	24.495	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.305	65	139810	24.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.274	84	487851	25.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.274	67	142194	24.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.323	98	446833	24.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.579	79	62950	24.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	10.920	63	52506	53.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112001	24.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	143806	24.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32208	28.755	ug/L	97
3) Chloromethane	2.221	50	59907	22.237	ug/L	99
5) Vinyl chloride	2.361	62	84591	22.725	ug/L	100
6) Bromomethane	2.775	94	41414	22.294	ug/L	100
8) Chloroethane	2.922	64	32922	21.202	ug/L	97
9) Trichlorofluoromethane	3.257	101	66632	21.338	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	106640	24.116	ug/L	98
12) 1,1-Dichloroethene	4.037	96	98922	23.747	ug/L	92
13) Acetone	4.123	43	40138	44.414	ug/L	98
14) Carbon disulfide	4.385	76	284111	23.348	ug/L	97
15) Methyl Acetate	4.671	43	45168	25.104	ug/L	98
16) Methylene chloride	4.915	84	118418	19.861	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	108105	24.236	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	182164	24.346	ug/L	99
19) 1,1-Dichloroethane	6.214	63	200488	24.278	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119464	24.573	ug/L	95
22) 2-Butanone	7.171	43	61697	45.567	ug/L	98
23) Bromochloromethane	7.519	128	50728	24.069	ug/L	98
25) Chloroform	7.677	83	214191	24.576	ug/L	91

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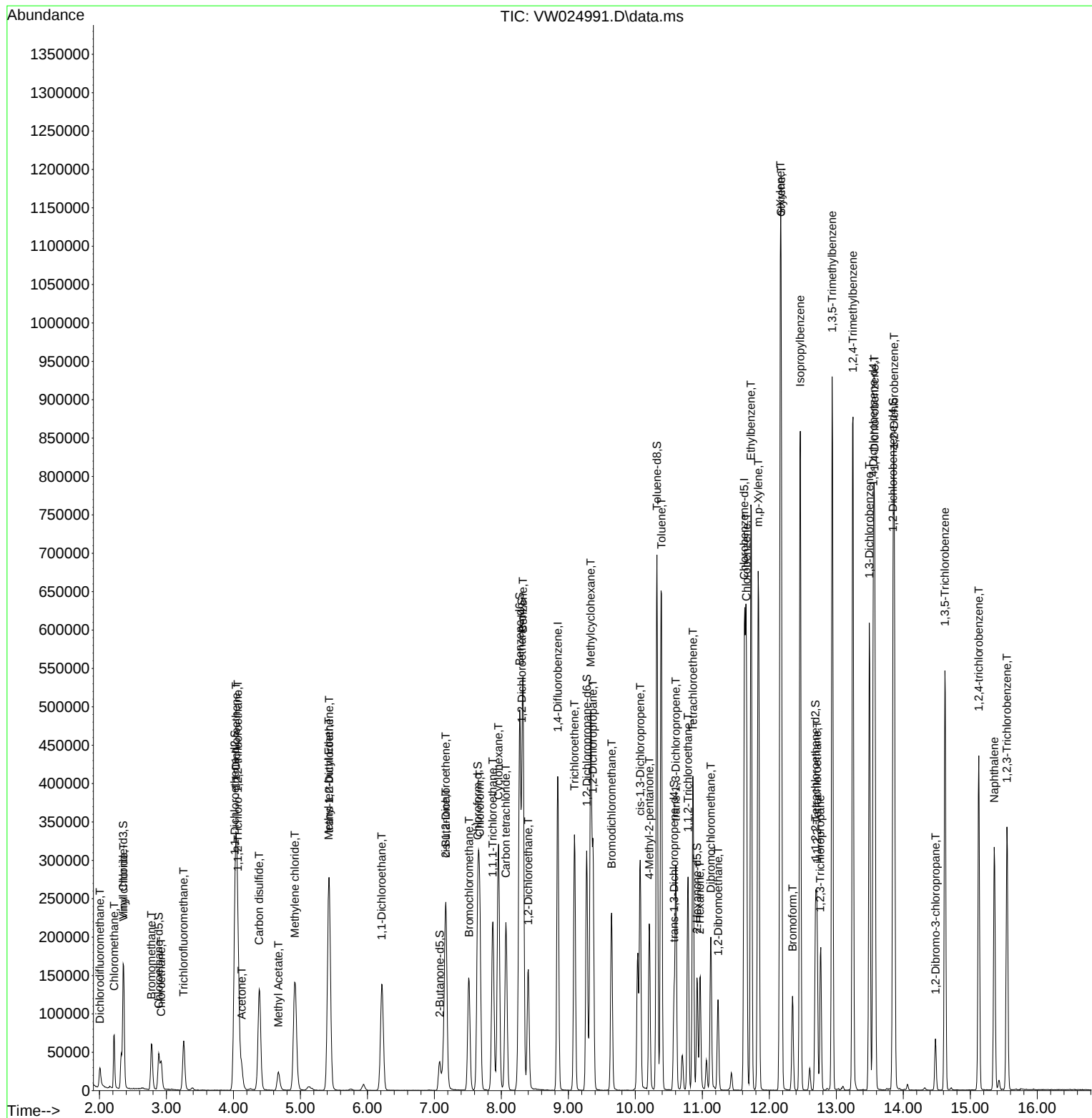
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	145340	24.585	ug/L	99
29) Cyclohexane	7.957	56	178667	24.899	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	181971	24.469	ug/L	99
31) Carbon tetrachloride	8.067	117	164788	24.798	ug/L	99
33) Benzene	8.323	78	458245	25.041	ug/L	100
34) Trichloroethene	9.091	95	120046	24.780	ug/L	97
35) Methylcyclohexane	9.335	83	204455	24.838	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111009	24.993	ug/L	100
38) Bromodichloromethane	9.646	83	154238	24.881	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	180423	25.695	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	136037	52.192	ug/L	100
42) Toluene	10.390	91	482657	24.843	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	160734	25.749	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	85123	25.383	ug/L	96
46) Tetrachloroethene	10.859	164	83886	24.213	ug/L	93
48) 2-Hexanone	10.963	43	93130	51.665	ug/L	99
49) Dibromochloromethane	11.128	129	101377	24.799	ug/L	96
50) 1,2-Dibromoethane	11.237	107	79844	25.174	ug/L	97
51) Chlorobenzene	11.658	112	309274	24.559	ug/L	99
52) Ethylbenzene	11.725	91	555705	24.779	ug/L	94
53) m,p-Xylene	11.835	106	216630	24.955	ug/L	99
54) o-Xylene	12.164	106	205212	25.057	ug/L	99
55) Styrene	12.176	104	361209	25.394	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	103004	25.603	ug/L	96
59) Bromoform	12.347	173	53110	24.128	ug/L	95
60) Isopropylbenzene	12.463	105	551548	23.572	ug/L	99
61) 1,2,3-Trichloropropane	12.761	75	77974	24.938	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	491290	24.188	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475256	23.862	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	228656	23.431	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	231681	23.793	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	214951	24.498	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17355	24.019	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	152289	23.561	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	119595	23.805	ug/L	95
71) Naphthalene	15.359	128	265630	25.064	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	105474	24.095	ug/L	97

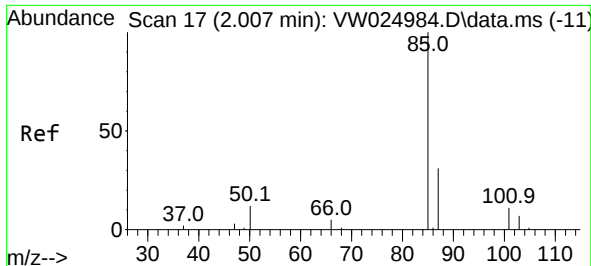
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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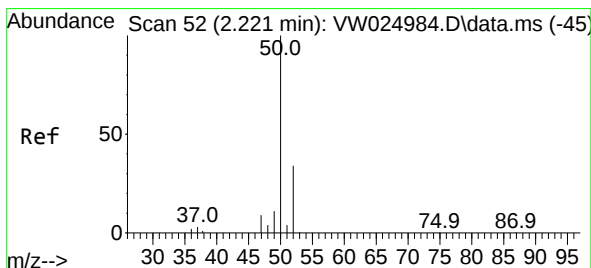
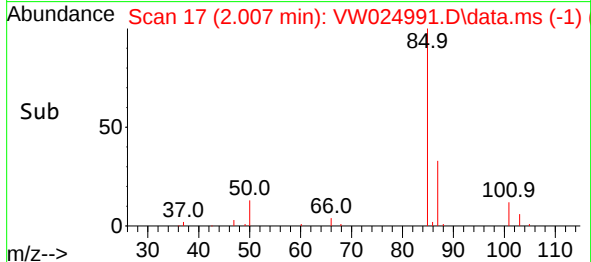
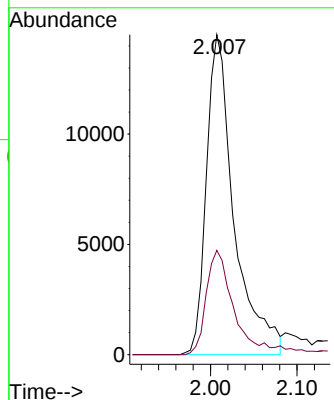
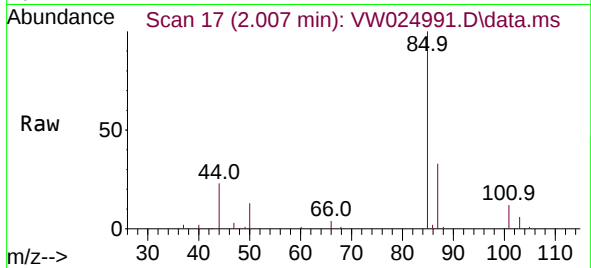




#2
 Dichlorodifluoromethane
 Concen: 28.755 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

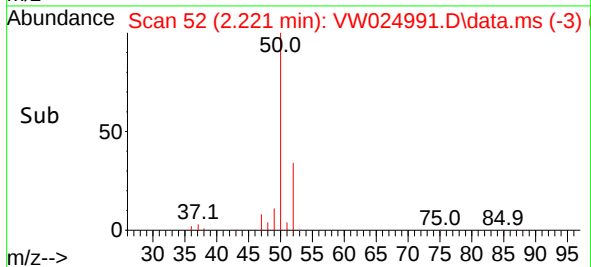
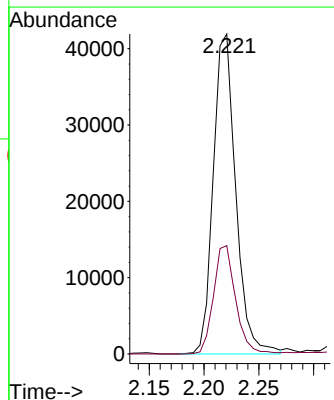
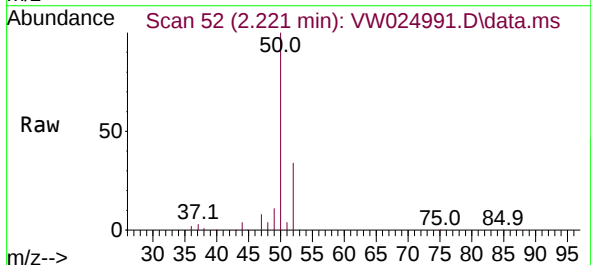
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

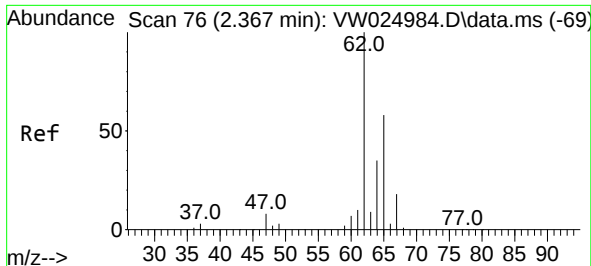
Tgt Ion: 85 Resp: 32208
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.9 38.9



#3
 Chloromethane
 Concen: 22.237 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

Tgt Ion: 50 Resp: 59907
 Ion Ratio Lower Upper
 50 100
 52 33.9 24.1 44.8

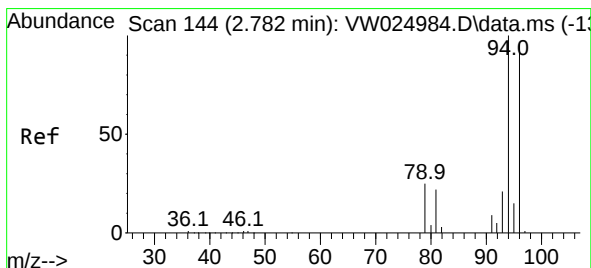
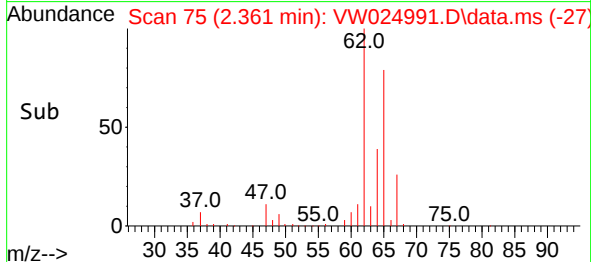
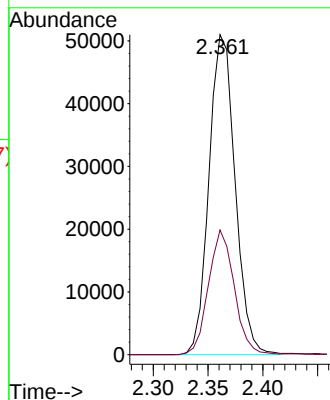
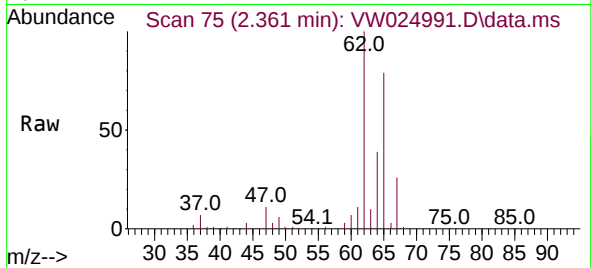




#5
 Vinyl chloride
 Concen: 22.725 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

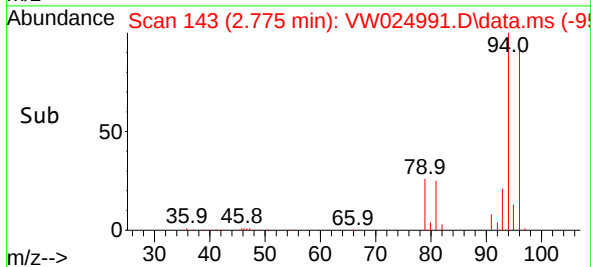
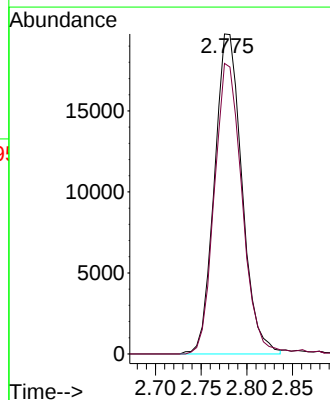
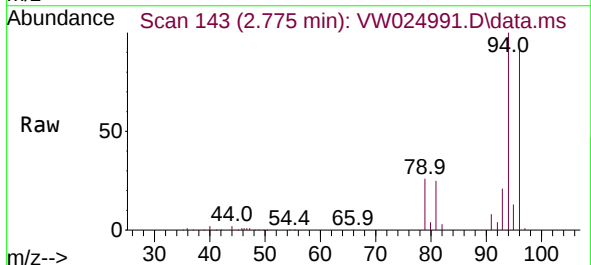
Instrument :
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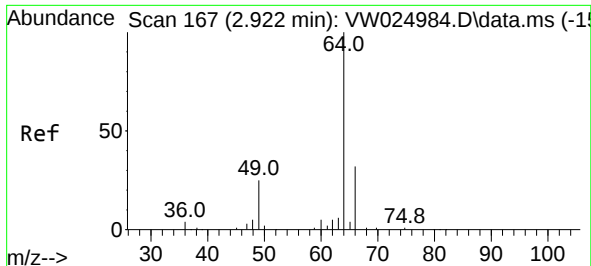
Tgt Ion: 62 Resp: 84591
 Ion Ratio Lower Upper
 62 100
 64 39.0 27.2 50.6



#6
 Bromomethane
 Concen: 22.294 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

Tgt Ion: 94 Resp: 41414
 Ion Ratio Lower Upper
 94 100
 96 90.8 63.8 118.6

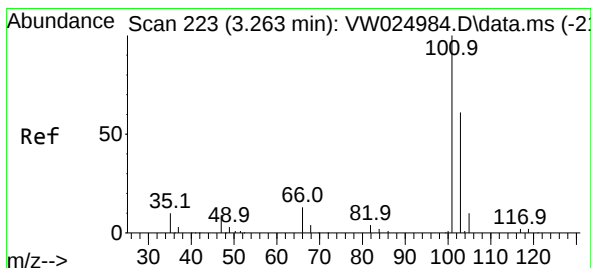
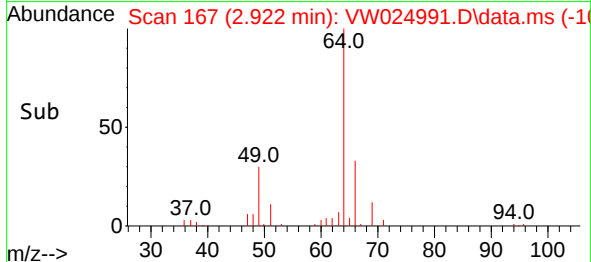
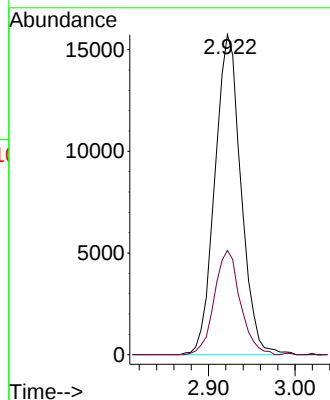
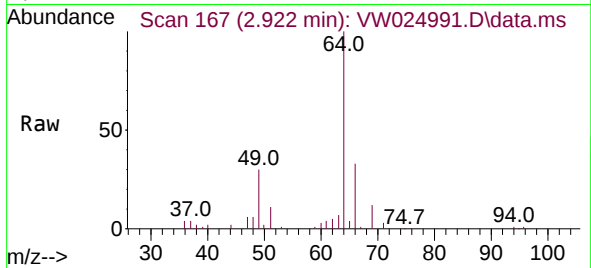




#8
Chloroethane
Concen: 21.202 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

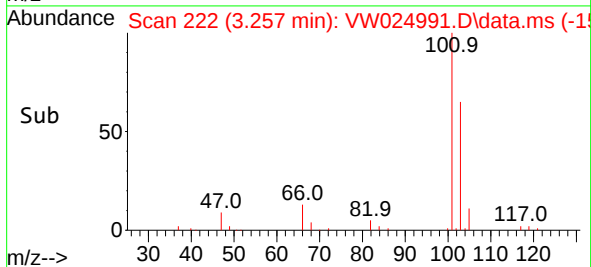
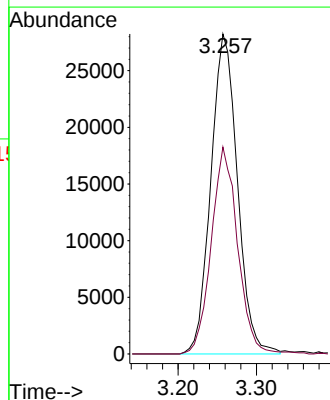
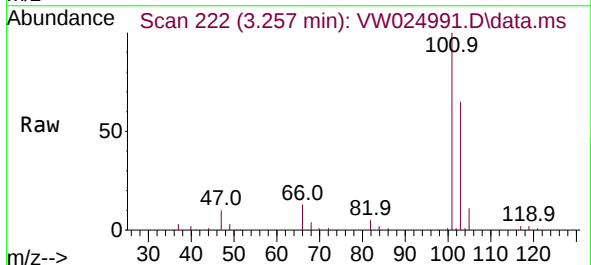
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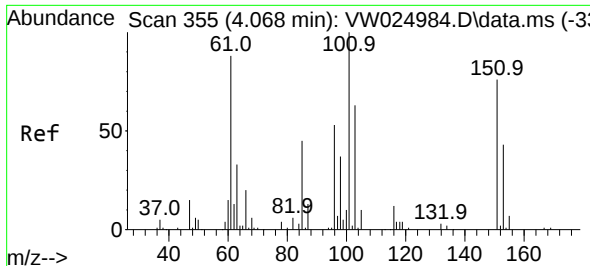
Tgt Ion: 64 Resp: 32922
Ion Ratio Lower Upper
64 100
66 32.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 21.338 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 101 Resp: 66632
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

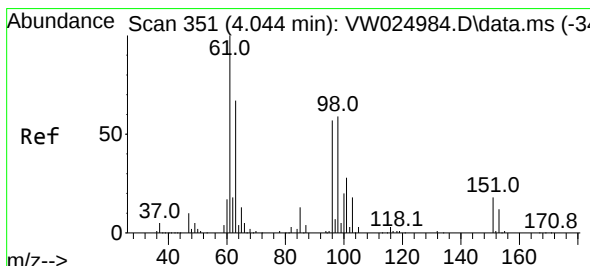
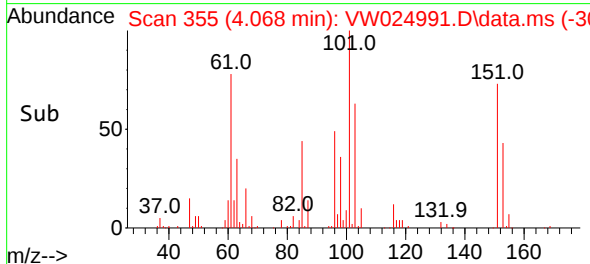
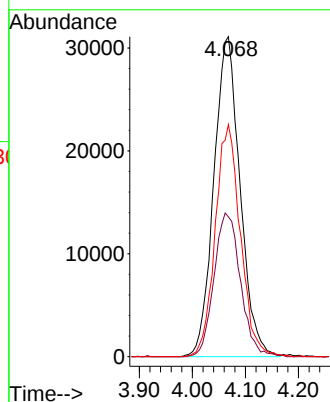
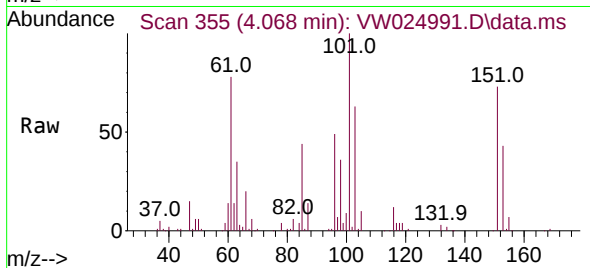




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.116 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

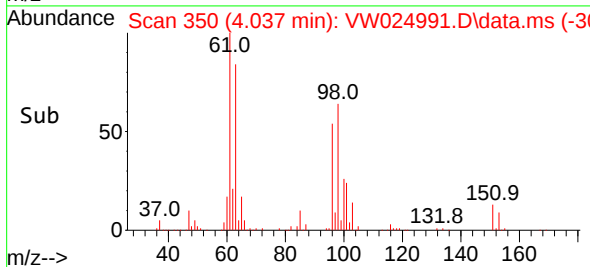
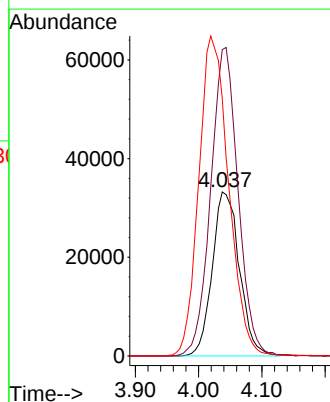
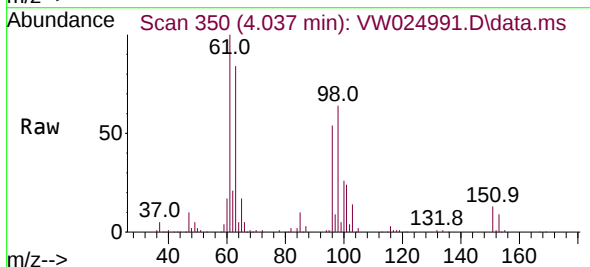
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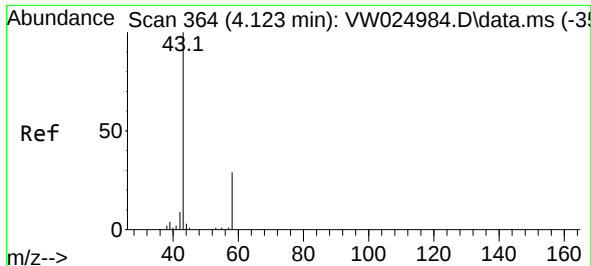
Tgt Ion:101 Resp: 106640
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.5 54.7
 151 69.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 23.747 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

Tgt Ion: 96 Resp: 98922
 Ion Ratio Lower Upper
 96 100
 61 186.9 126.2 234.4
 63 156.8 98.3 182.7





#13

Acetone

Concen: 44.414 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

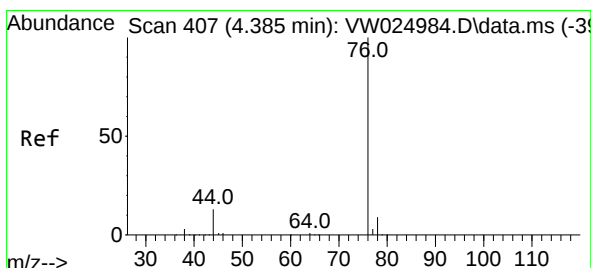
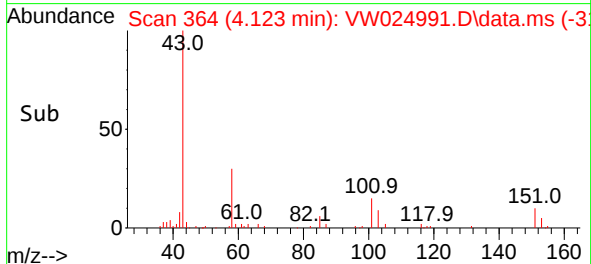
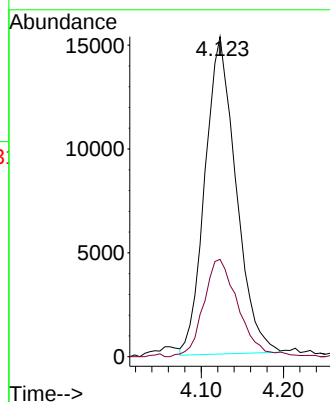
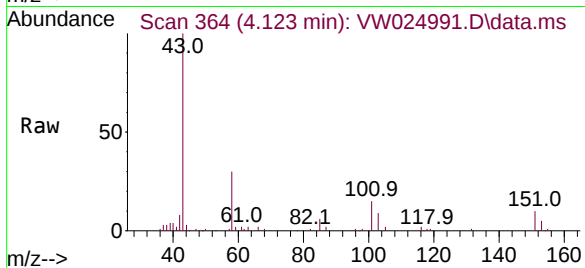
VSTD025599

Tgt Ion: 43 Resp: 40138

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.4



#14

Carbon disulfide

Concen: 23.348 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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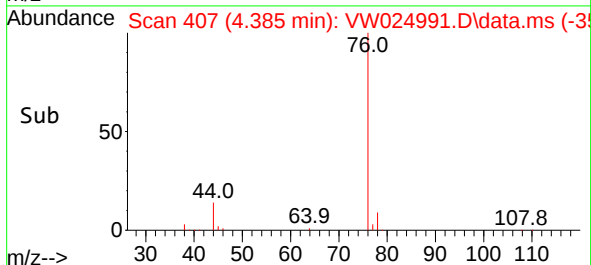
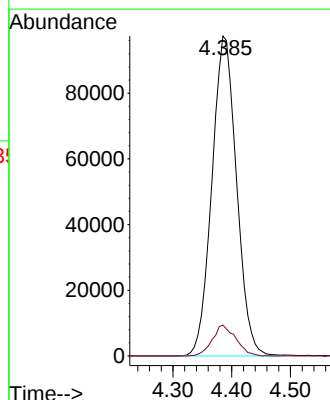
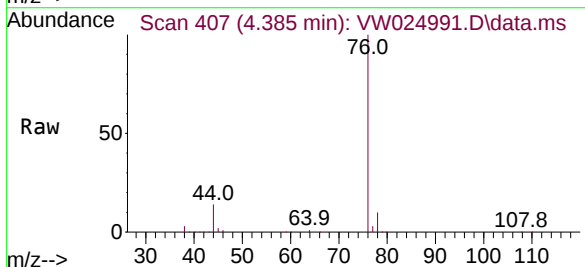
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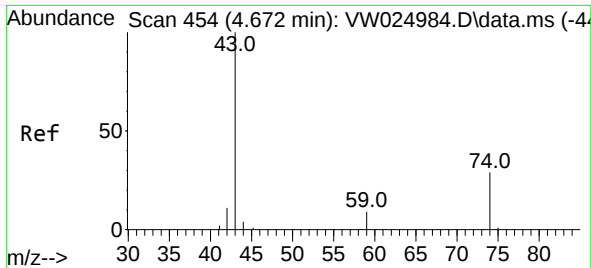
Tgt Ion: 76 Resp: 284111

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

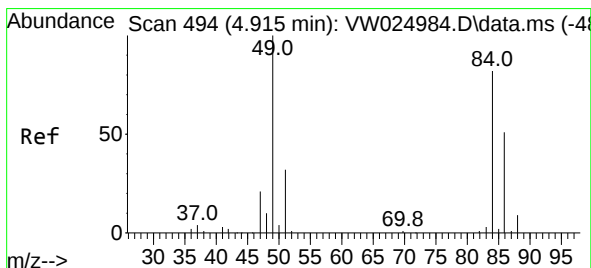
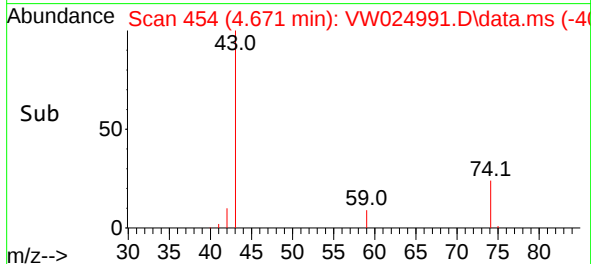
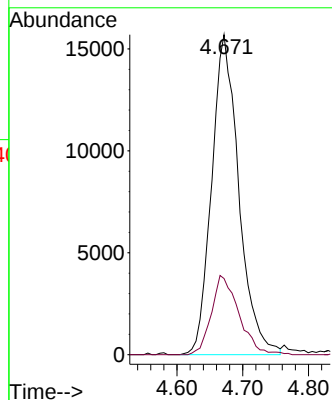
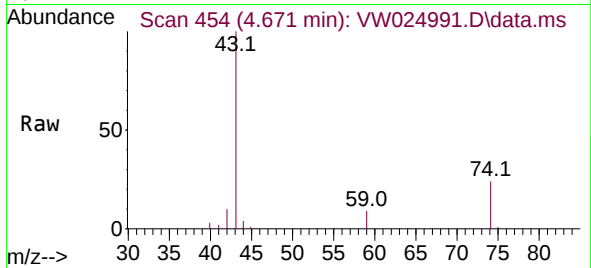




#15
Methyl Acetate
Concen: 25.104 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

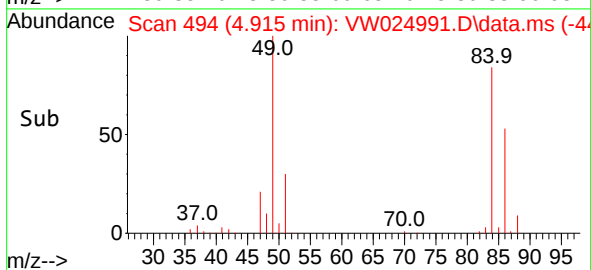
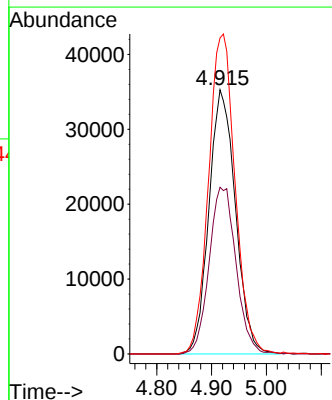
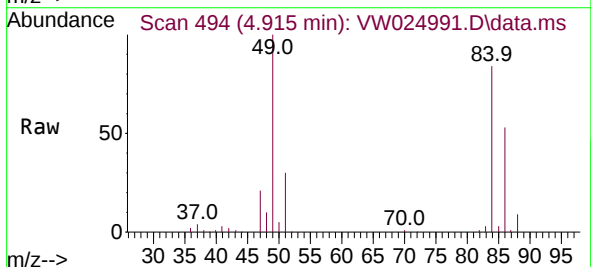
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

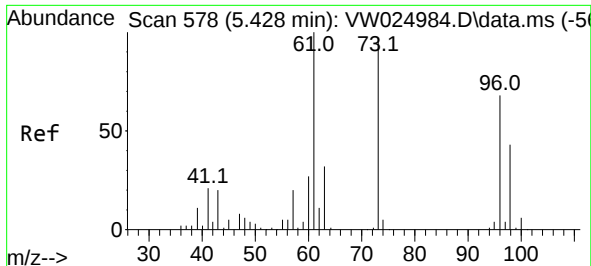
Tgt Ion: 43 Resp: 45168
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8



#16
Methylene chloride
Concen: 19.861 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 84 Resp: 118418
Ion Ratio Lower Upper
84 100
86 63.1 42.6 79.0
49 119.7 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.236 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025599

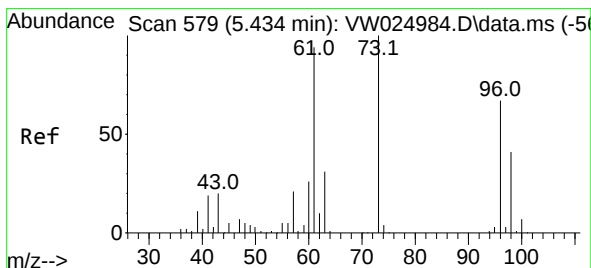
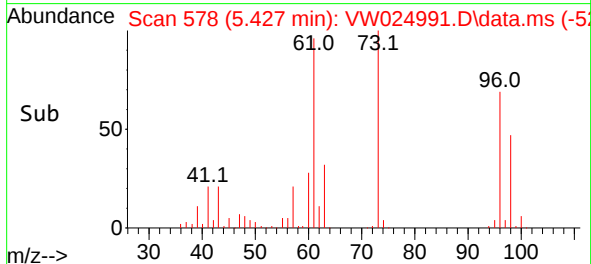
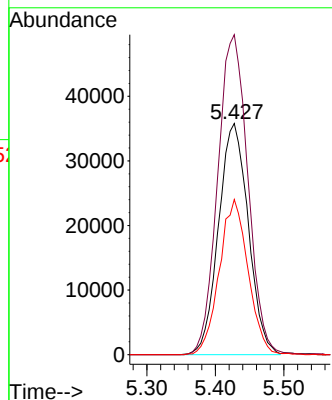
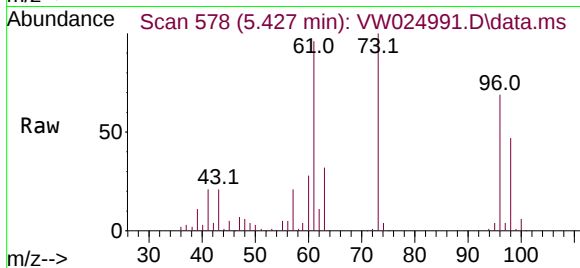
Tgt Ion: 96 Resp: 108105

Ion Ratio Lower Upper

96 100

61 138.4 97.6 181.2

98 67.1 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 24.346 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.012 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

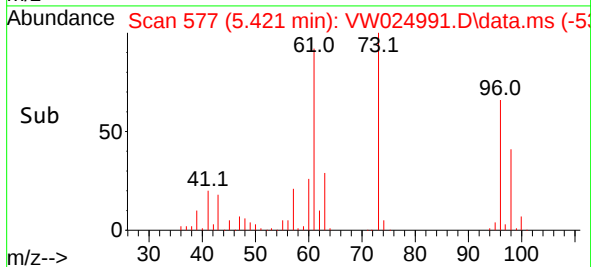
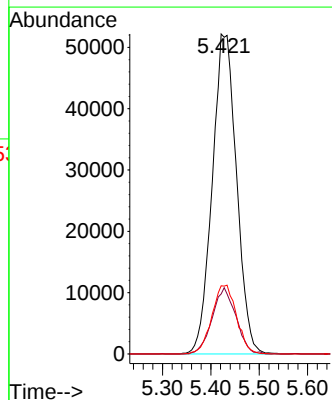
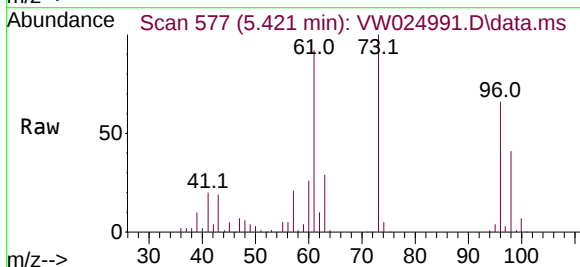
Tgt Ion: 73 Resp: 182164

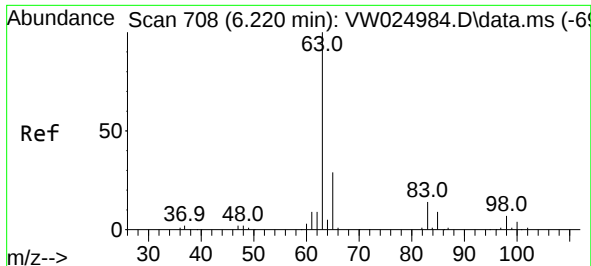
Ion Ratio Lower Upper

73 100

43 20.1 16.6 24.8

57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 24.278 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025599

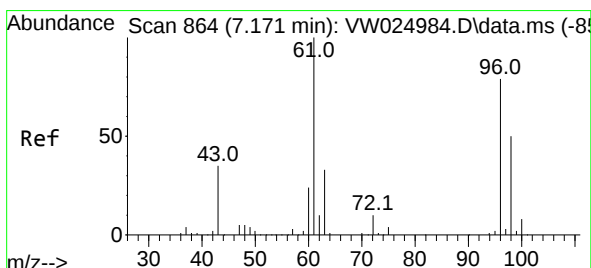
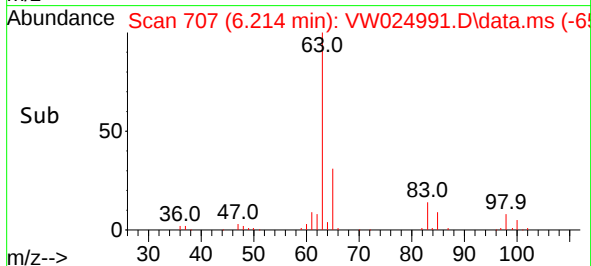
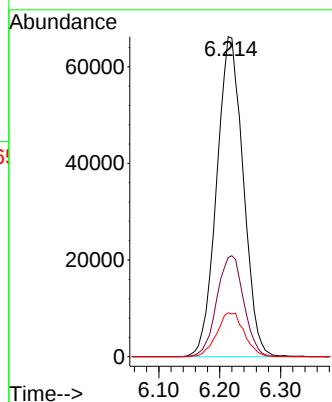
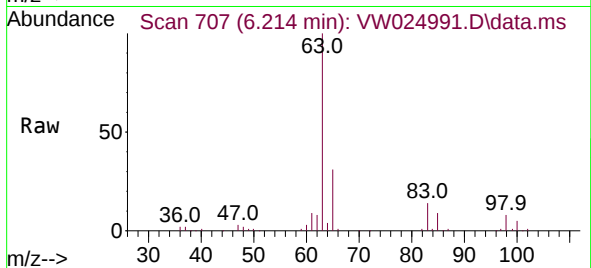
Tgt Ion: 63 Resp: 200488

Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.573 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

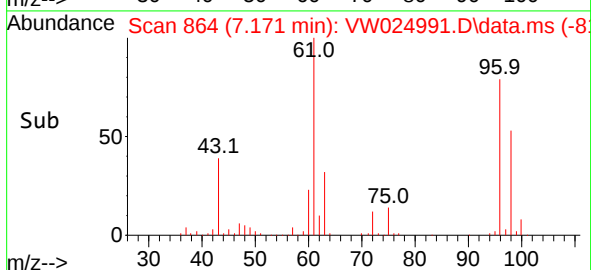
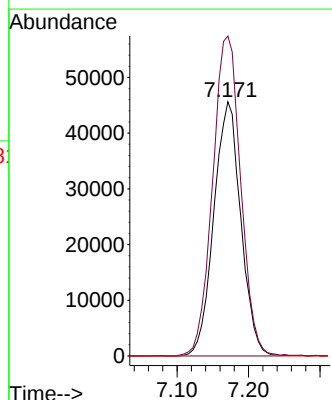
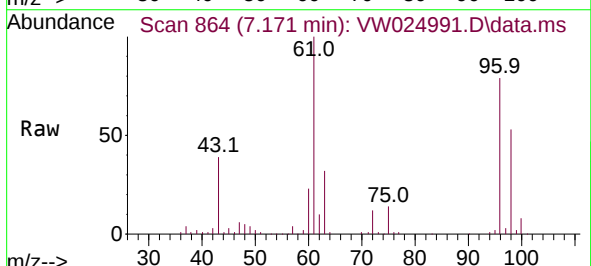
Tgt Ion: 96 Resp: 119464

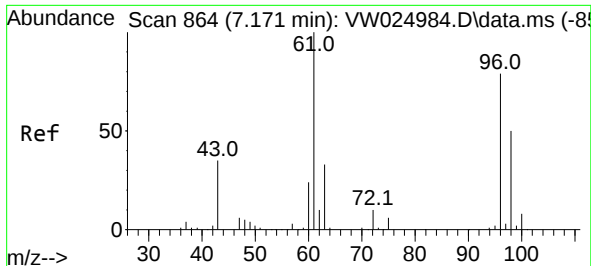
Ion Ratio Lower Upper

96 100

61 125.9 91.8 170.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 45.567 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

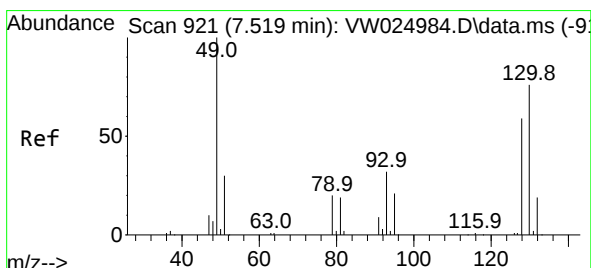
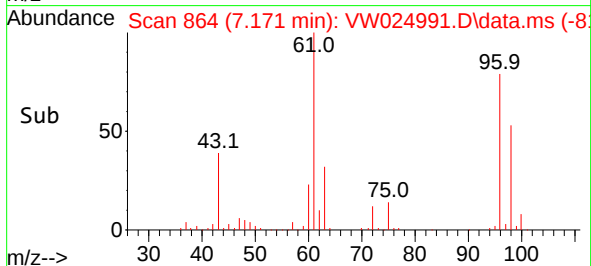
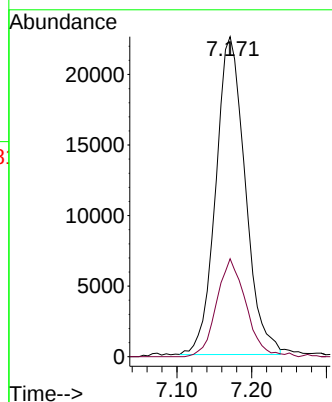
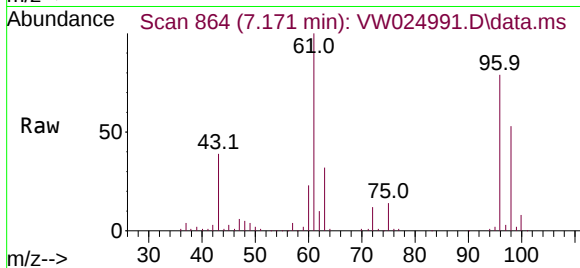
VSTD025599

Tgt Ion: 43 Resp: 61697

Ion Ratio Lower Upper

43 100

72 30.6 14.6 44.0



#23

Bromochloromethane

Concen: 24.069 ug/L

RT: 7.519 min Scan# 921

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Tgt Ion: 128 Resp: 50728

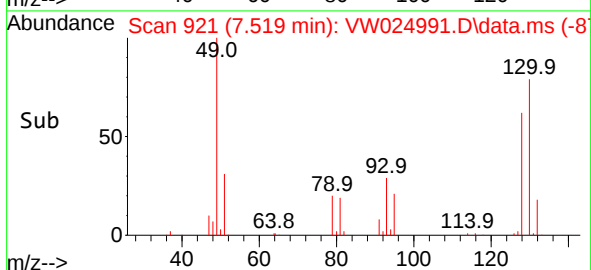
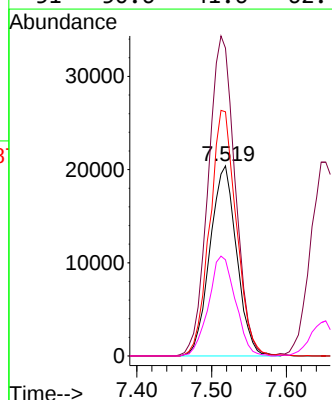
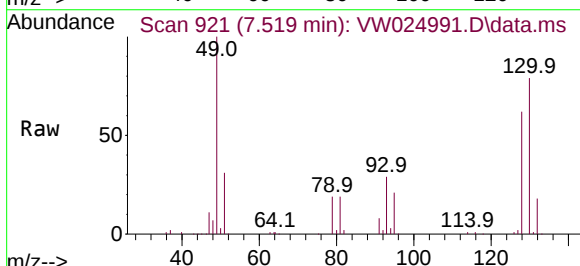
Ion Ratio Lower Upper

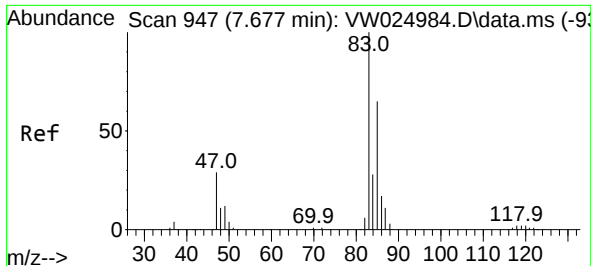
128 100

49 162.0 112.8 209.4

130 128.5 86.2 160.2

51 50.6 41.6 62.4

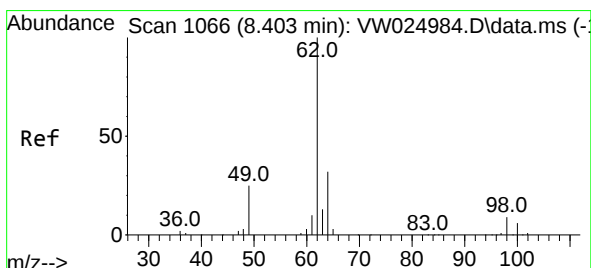
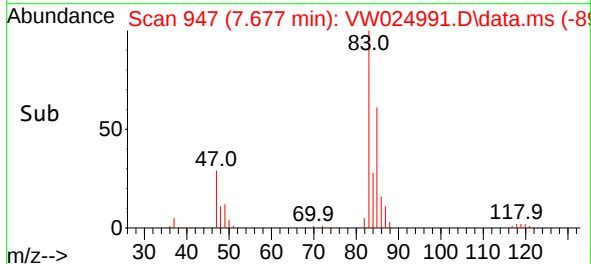
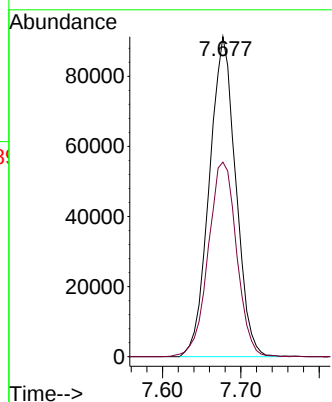
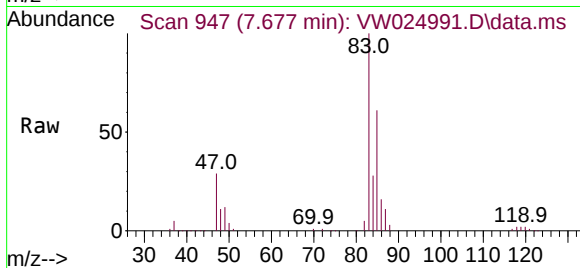




#25
Chloroform
Concen: 24.576 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

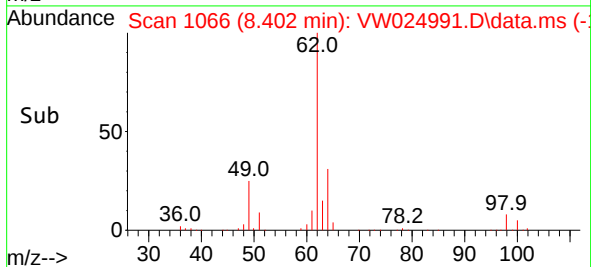
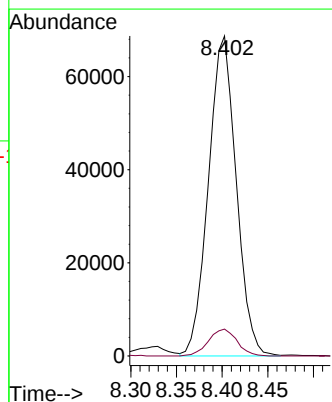
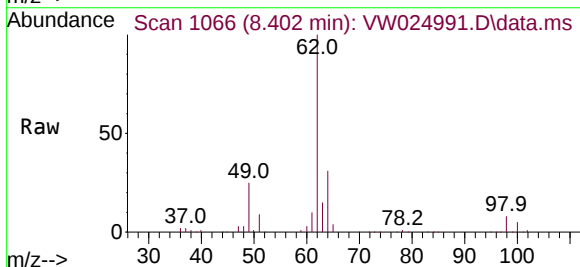
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

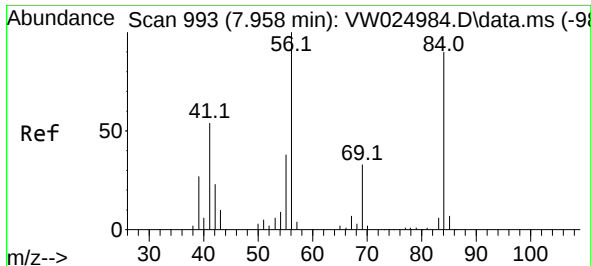
Tgt Ion: 83 Resp: 214191
Ion Ratio Lower Upper
83 100
85 60.8 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.585 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 62 Resp: 145340
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4

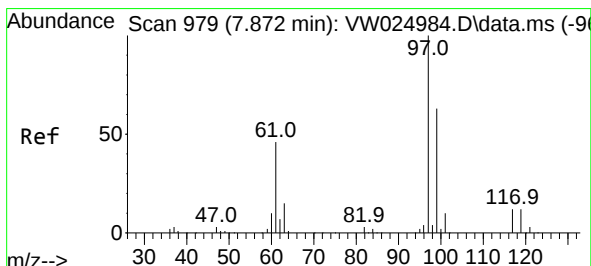
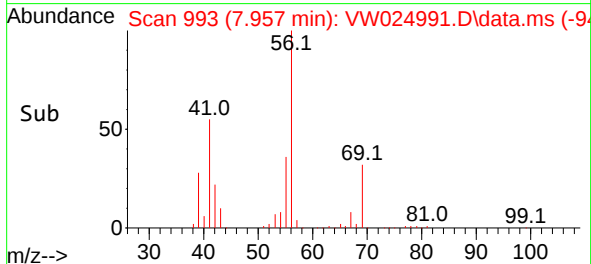
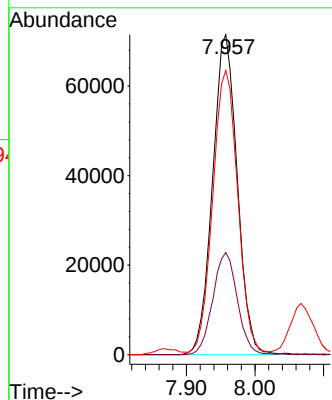
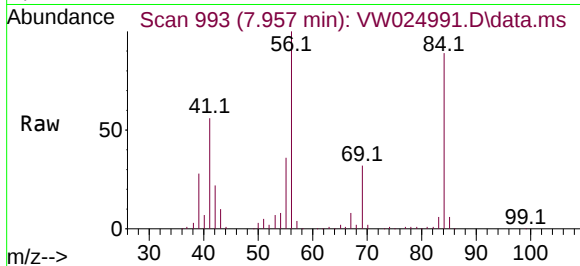




#29
Cyclohexane
Concen: 24.899 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

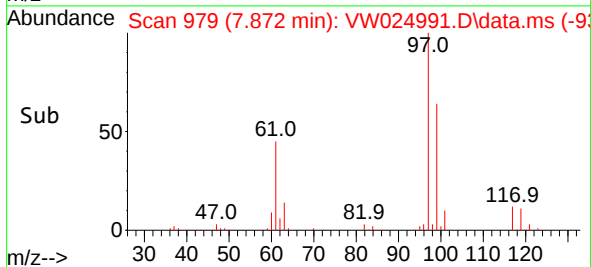
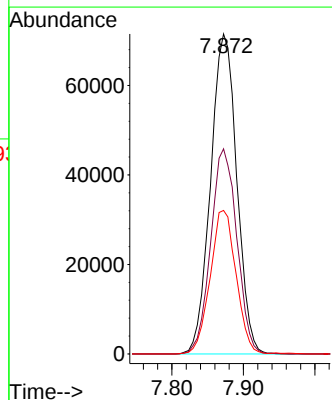
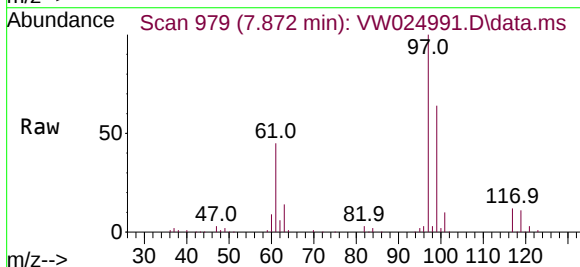
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

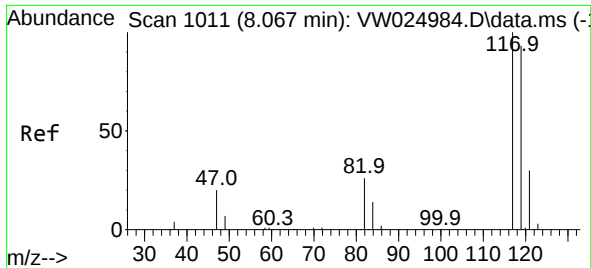
Tgt Ion: 56 Resp: 178667
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.4
84 90.4 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 24.469 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 97 Resp: 181971
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 44.4 36.6 54.8

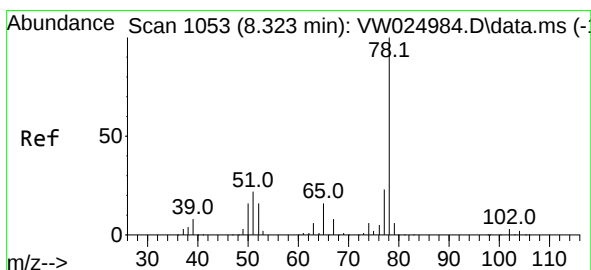
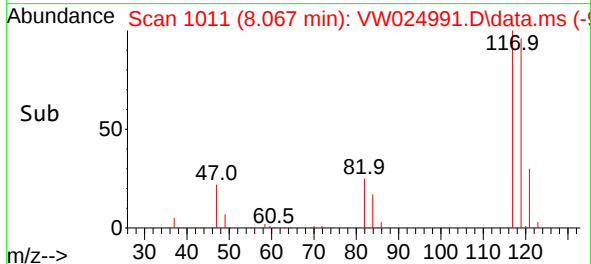
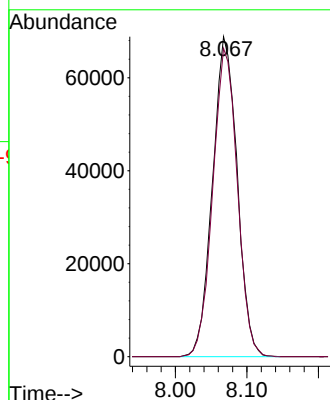
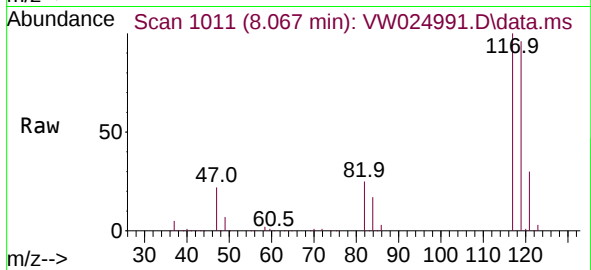




#31
Carbon tetrachloride
Concen: 24.798 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

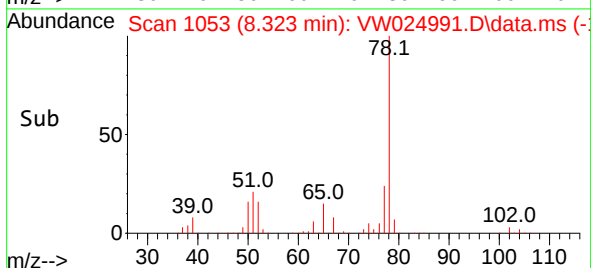
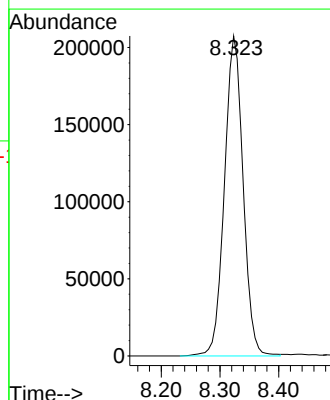
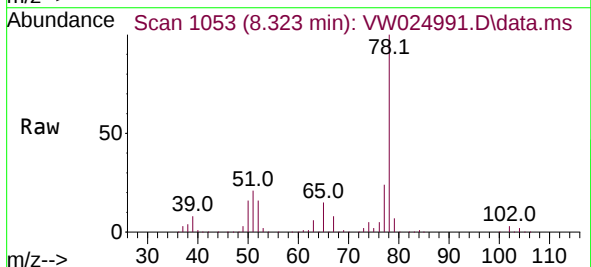
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

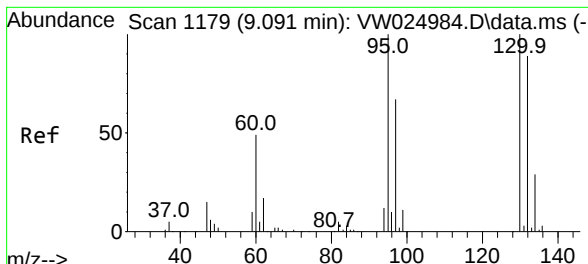
Tgt Ion:117 Resp: 164788
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#33
Benzene
Concen: 25.041 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 78 Resp: 458245



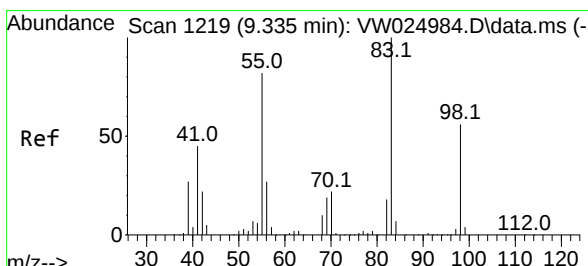
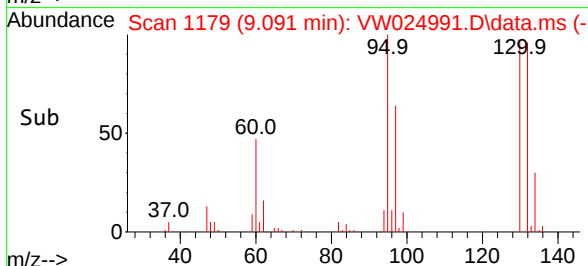
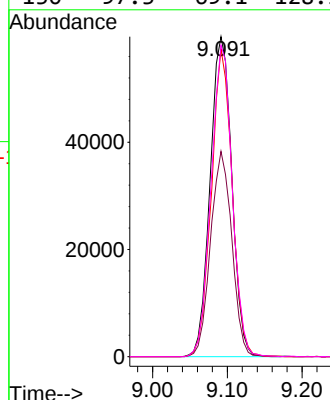
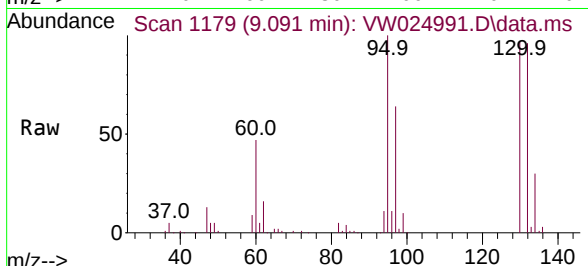


#34
Trichloroethene
Concen: 24.780 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Tgt Ion: 95 Resp: 120046

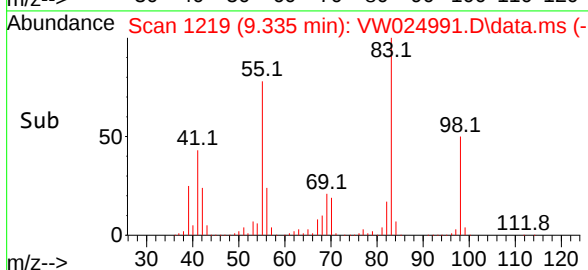
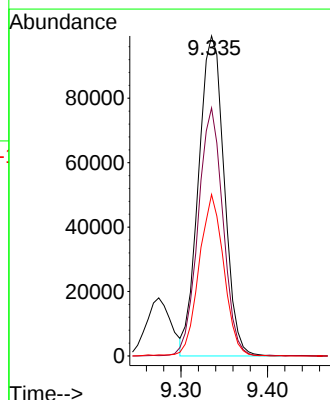
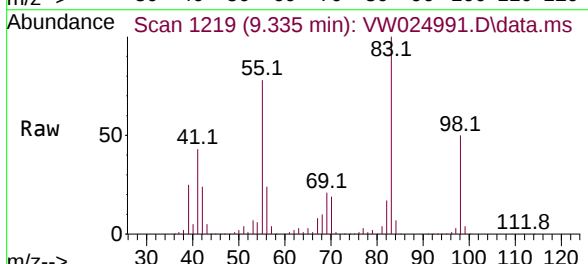
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.7	83.1
132	96.1	62.6	116.2
130	97.3	69.1	128.3

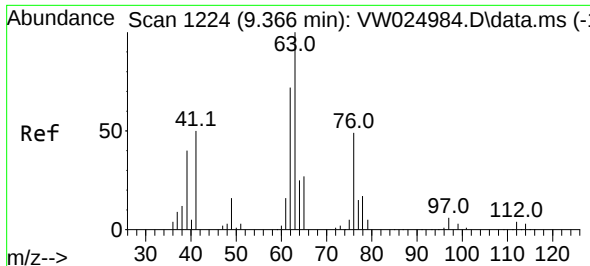


#35
Methylcyclohexane
Concen: 24.838 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 83 Resp: 204455

Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.4	90.6
98	48.6	39.5	59.3





#37

1,2-Dichloropropane

Concen: 24.993 ug/L

RT: 9.366 min Scan# 111009

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

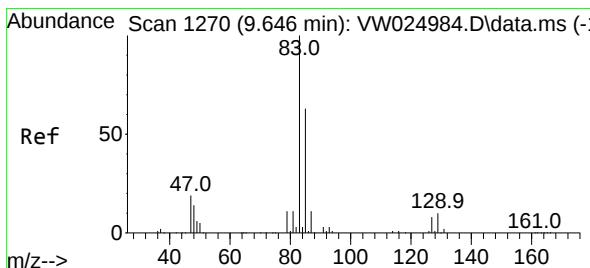
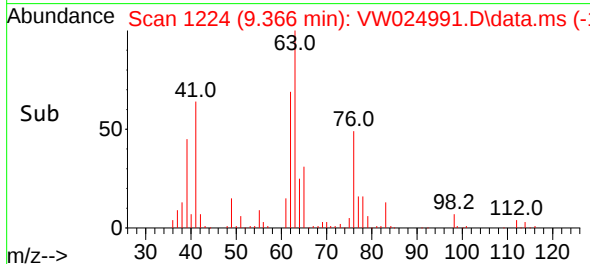
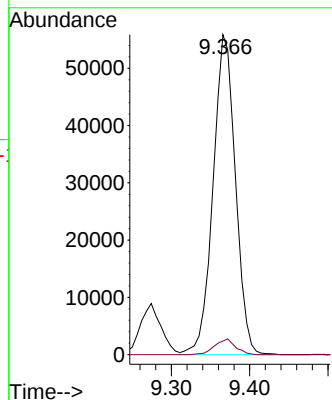
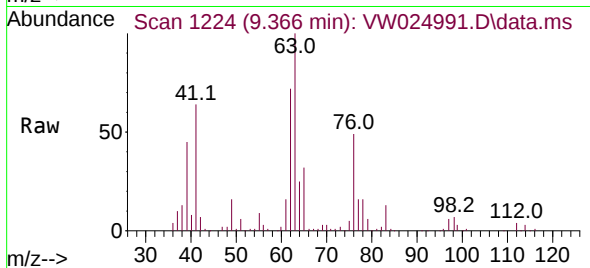
VSTD025599

Tgt Ion: 63 Resp: 111009

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.881 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

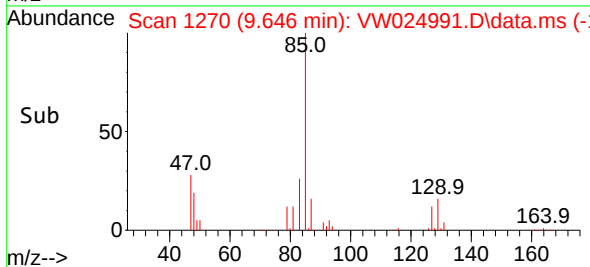
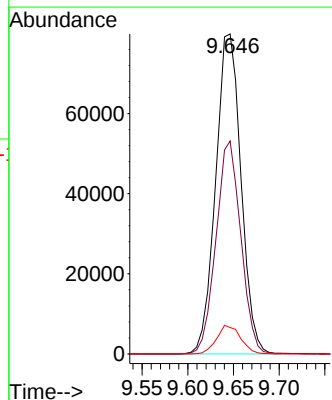
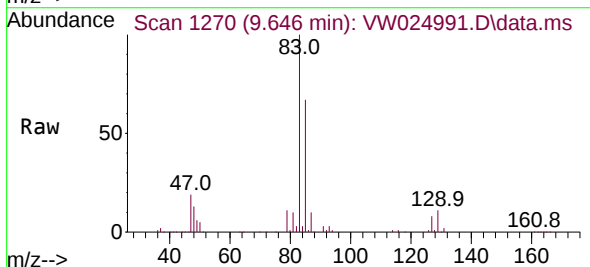
Tgt Ion: 83 Resp: 154238

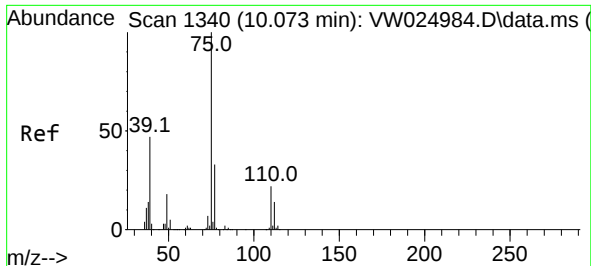
Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.0

127 8.3 6.8 10.2

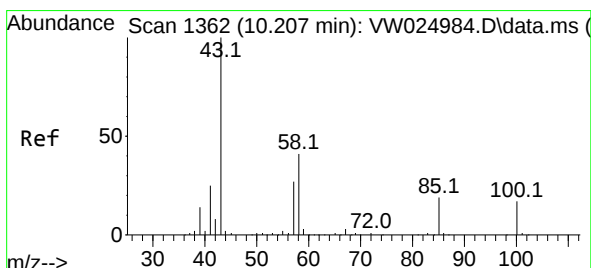
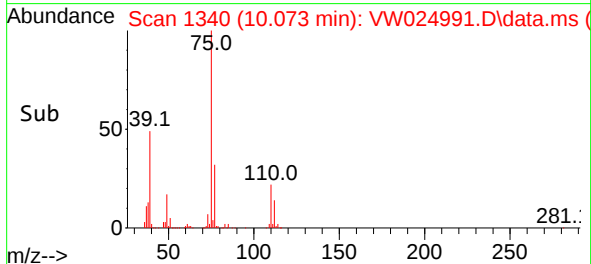
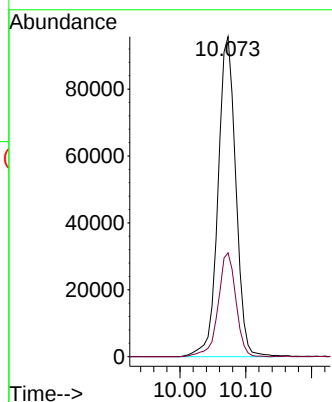
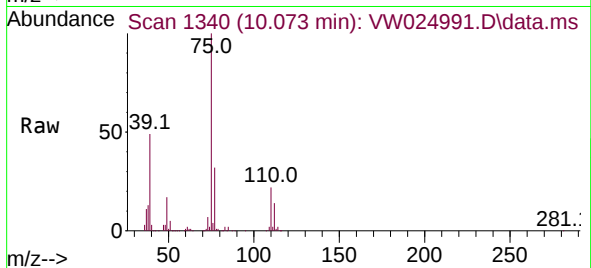




#39
 cis-1,3-Dichloropropene
 Concen: 25.695 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

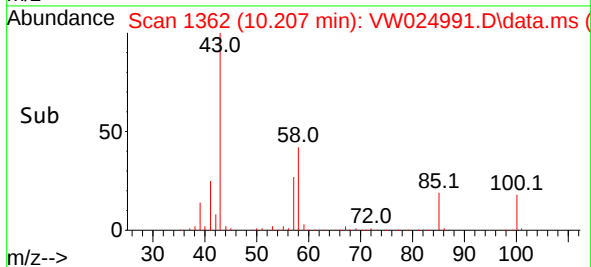
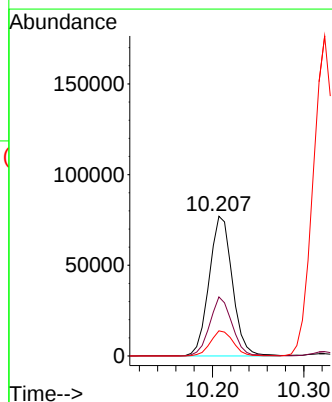
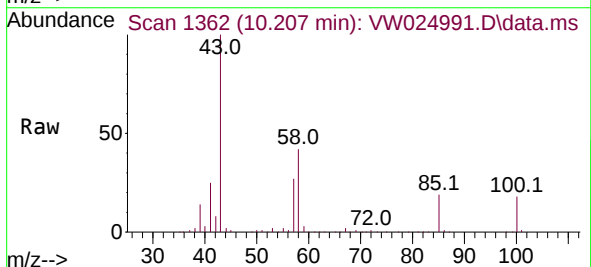
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

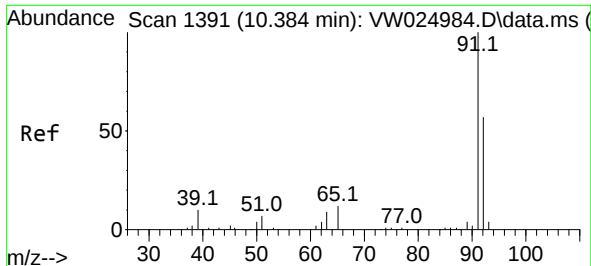
Tgt Ion: 75 Resp: 180423
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 52.192 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024991.D
 Acq: 26 Oct 2022 17:12

Tgt Ion: 43 Resp: 136037
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.6 48.8
 100 17.7 14.0 21.0

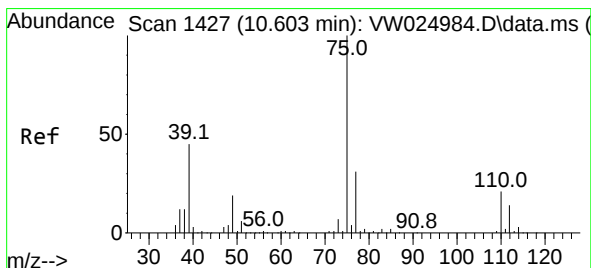
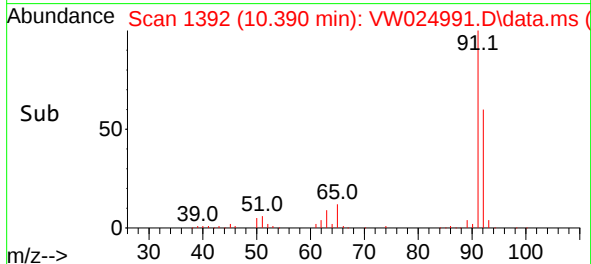
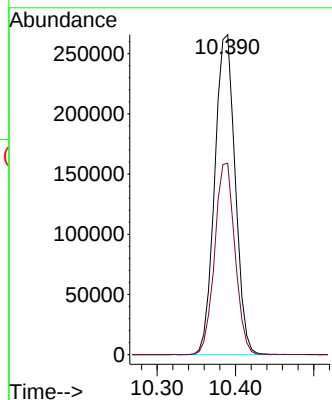
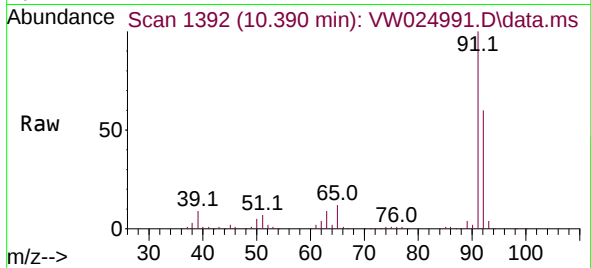




#42
Toluene
Concen: 24.843 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

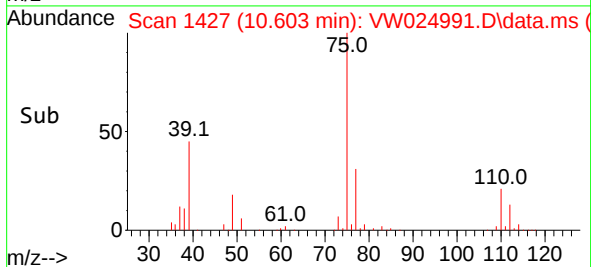
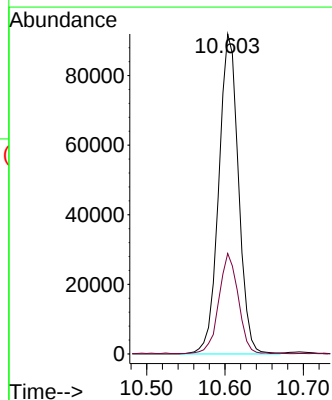
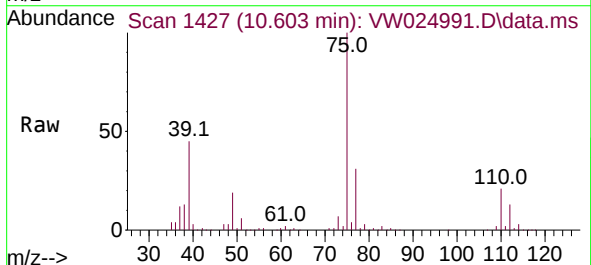
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

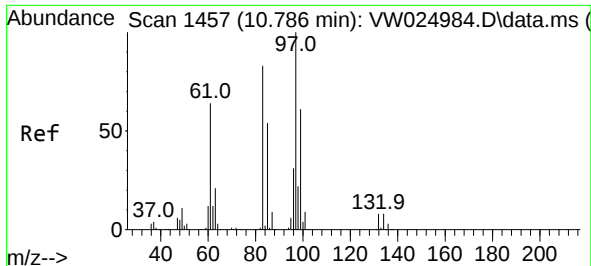
Tgt Ion: 91 Resp: 482657
Ion Ratio Lower Upper
91 100
92 59.9 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.749 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 75 Resp: 160734
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.5

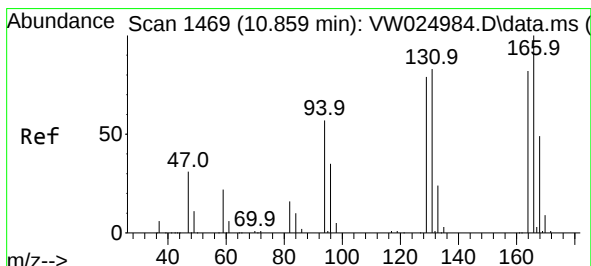
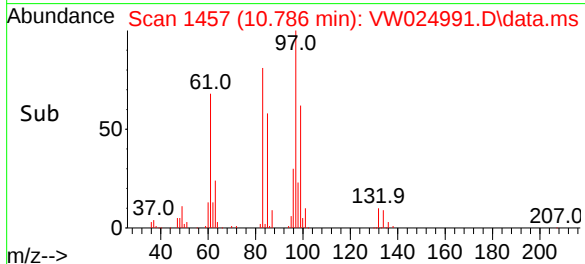
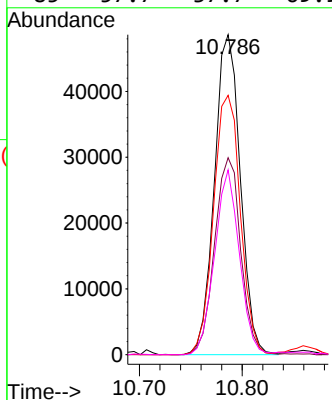
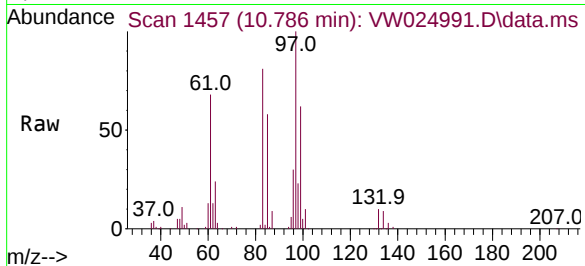




#45
1,1,2-Trichloroethane
Concen: 25.383 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

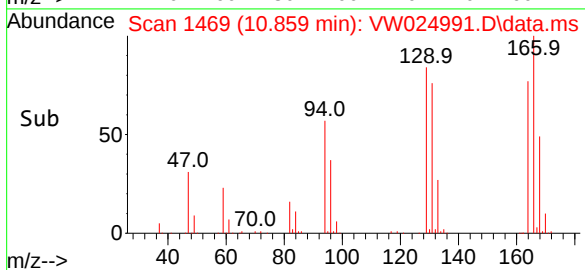
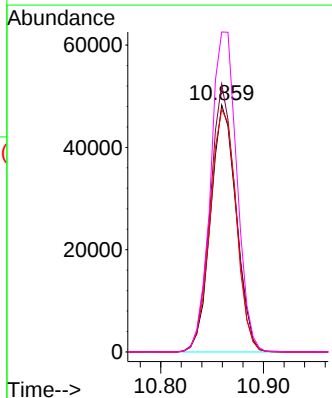
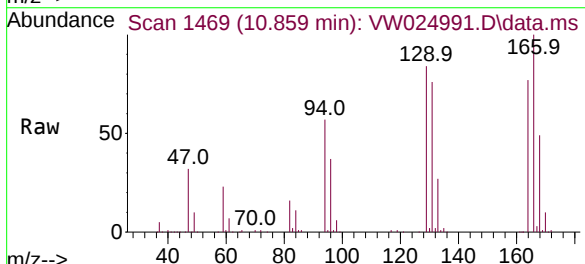
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

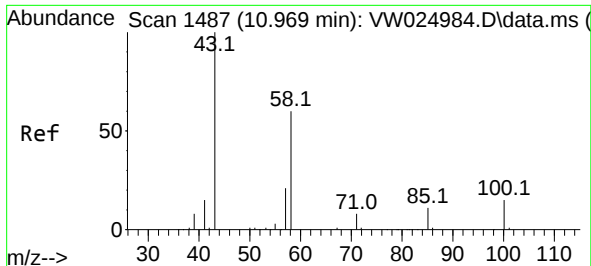
Tgt Ion:	97	Resp:	85123
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.0	81.6
83	81.0	59.9	111.3
85	57.7	37.7	69.9



#46
Tetrachloroethene
Concen: 24.213 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:	164	Resp:	83886
Ion	Ratio	Lower	Upper
164	100		
129	108.6	72.9	135.5
131	98.2	70.1	130.3
166	129.6	80.2	148.9

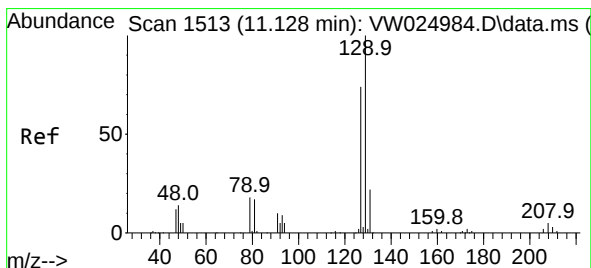
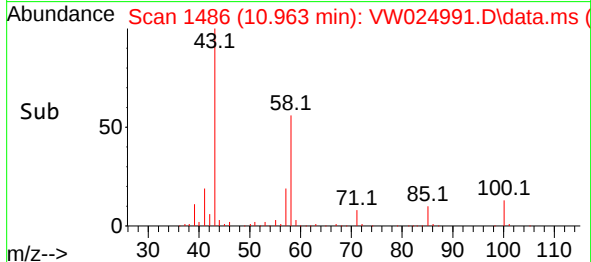
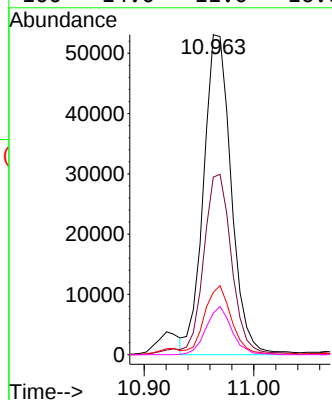
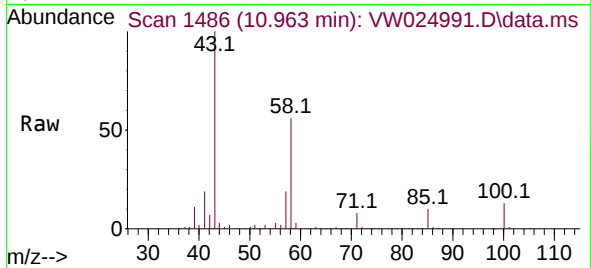




#48
2-Hexanone
Concen: 51.665 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

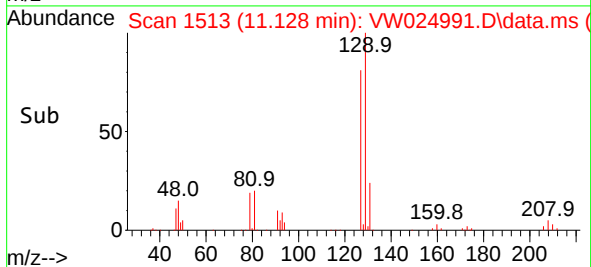
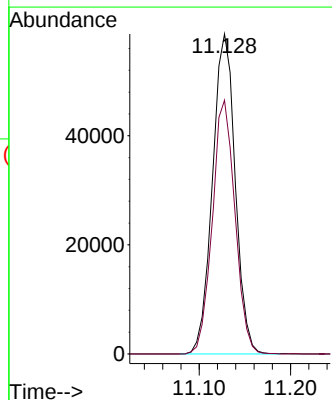
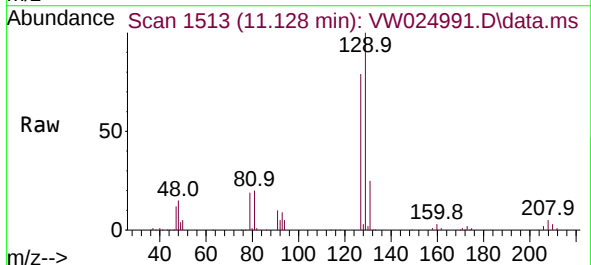
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

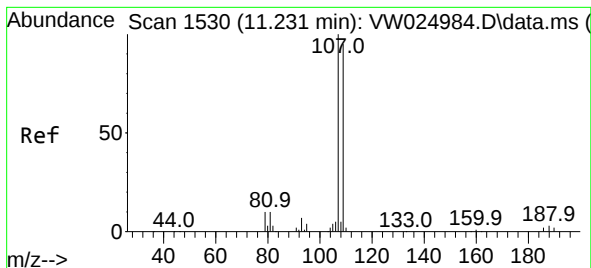
Tgt Ion: 43	Resp: 93130
Ion Ratio	Lower Upper
43 100	
58 56.8	46.1 69.1
57 21.2	16.2 24.2
100 14.0	11.0 16.6



#49
Dibromochloromethane
Concen: 24.799 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:129	Resp: 101377		
Ion Ratio	Lower	Upper	
129 100			
127 79.3	53.2	98.8	





#50

1,2-Dibromoethane

Concen: 25.174 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025599

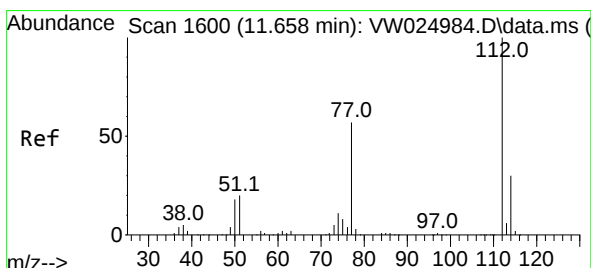
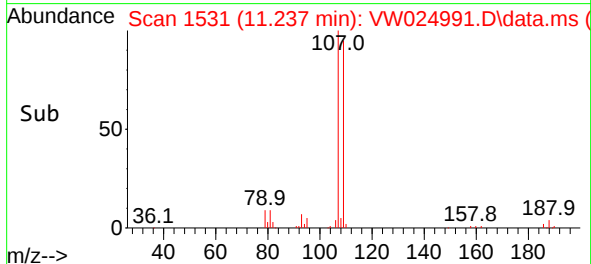
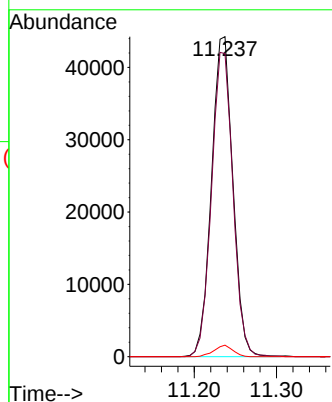
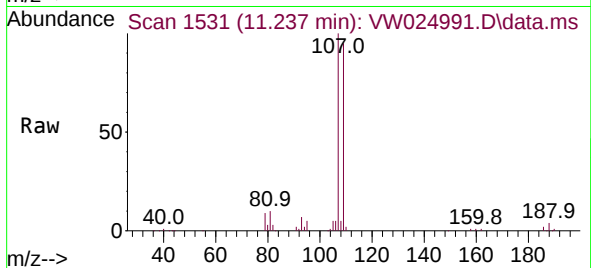
Tgt Ion:107 Resp: 79844

Ion Ratio Lower Upper

107 100

109 94.7 64.5 119.7

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 24.559 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

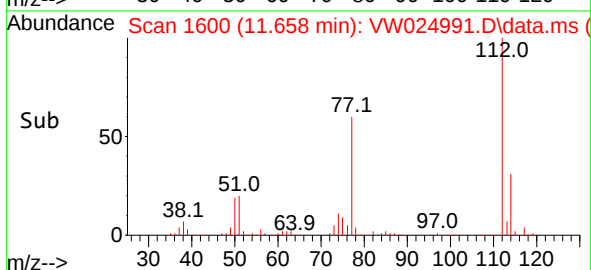
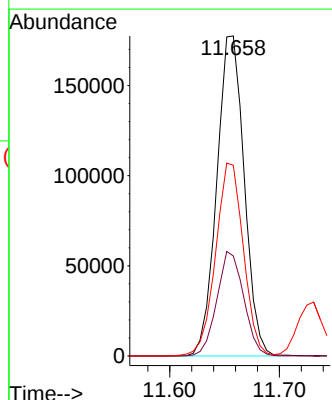
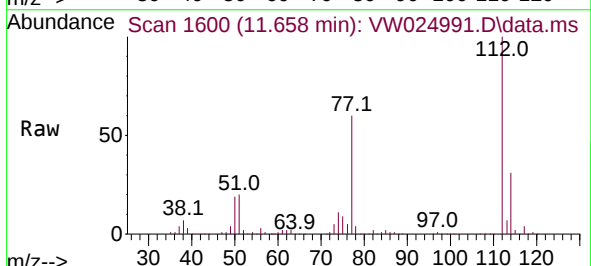
Tgt Ion:112 Resp: 309274

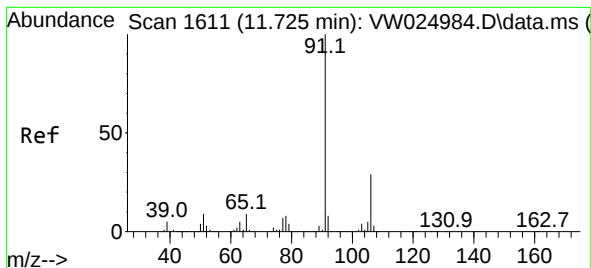
Ion Ratio Lower Upper

112 100

114 31.2 20.8 38.6

77 59.6 48.2 72.2

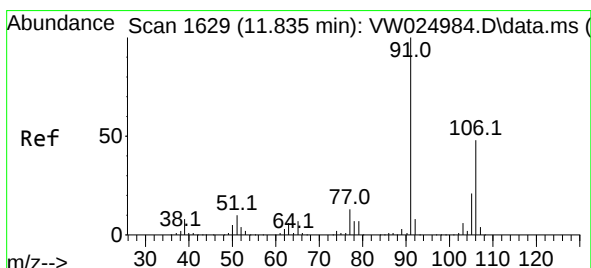
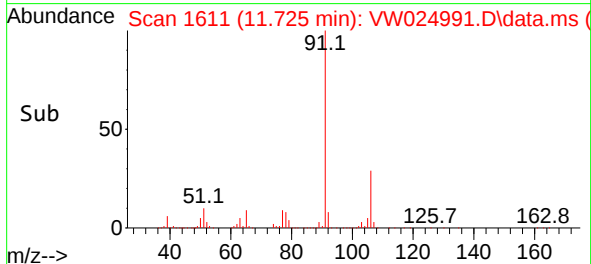
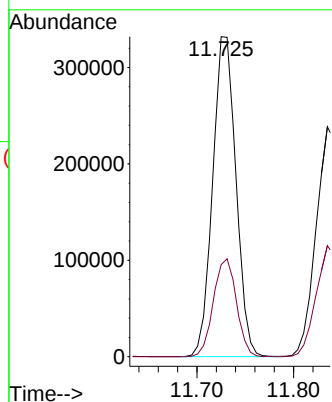
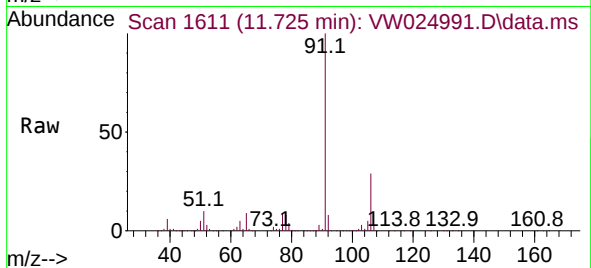




#52
Ethylbenzene
Concen: 24.779 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

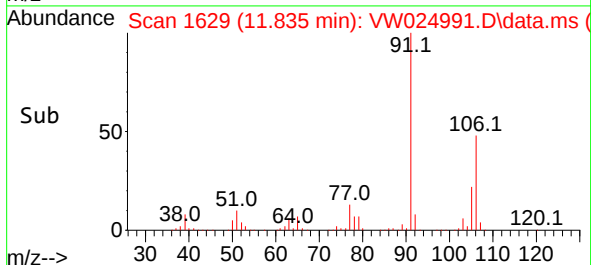
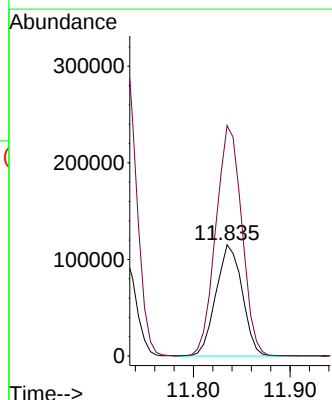
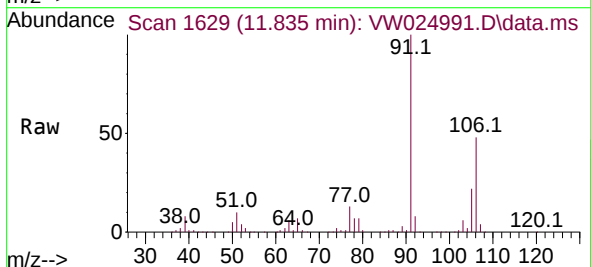
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

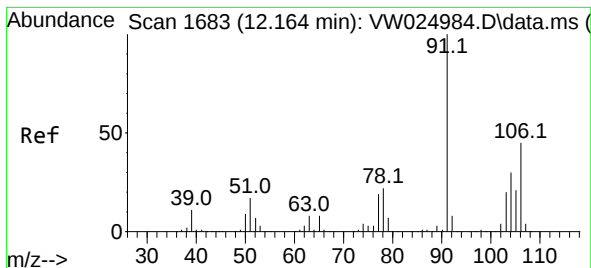
Tgt Ion: 91 Resp: 555705
Ion Ratio Lower Upper
91 100
106 28.8 22.3 41.5



#53
m,p-Xylene
Concen: 24.955 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 106 Resp: 216630
Ion Ratio Lower Upper
106 100
91 207.1 143.9 267.2

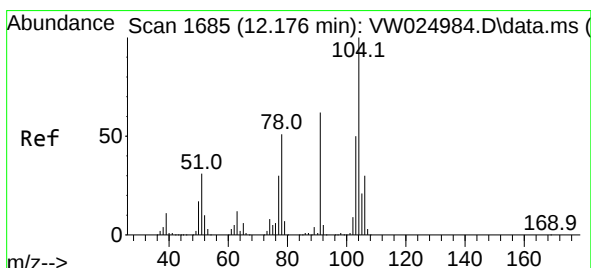
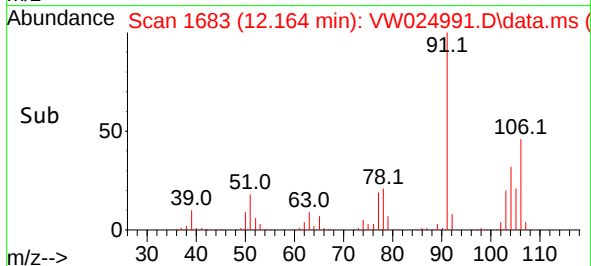
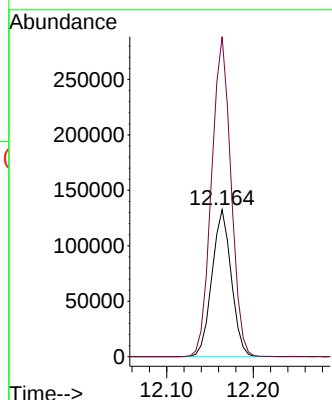
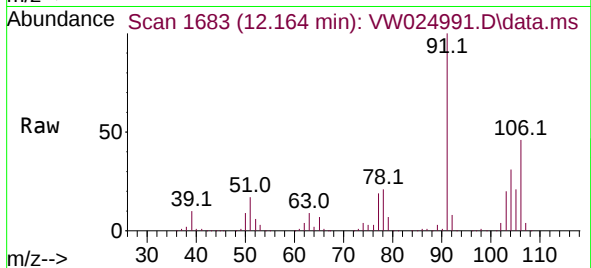




#54
o-Xylene
Concen: 25.057 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

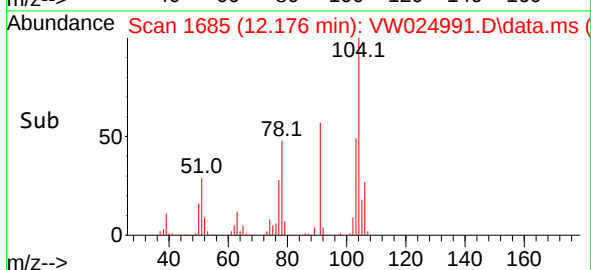
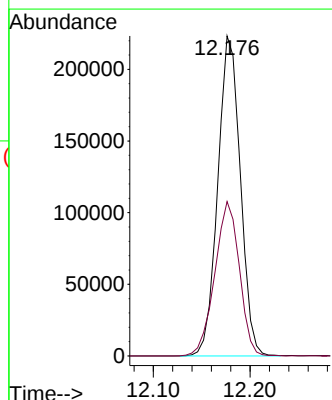
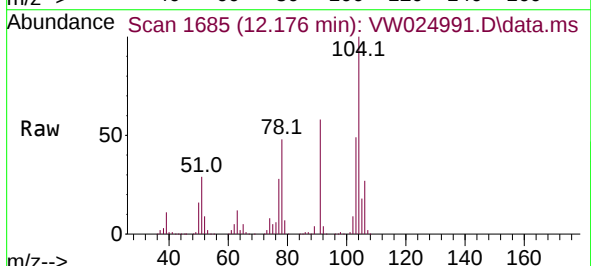
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

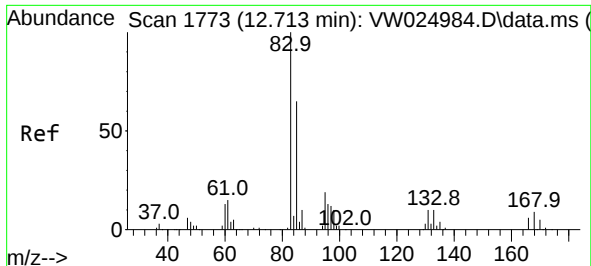
Tgt Ion:106 Resp: 205212
Ion Ratio Lower Upper
106 100
91 217.7 153.5 285.1



#55
Styrene
Concen: 25.394 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:104 Resp: 361209
Ion Ratio Lower Upper
104 100
78 48.3 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 25.603 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025599

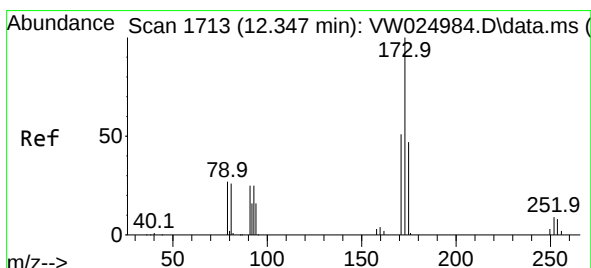
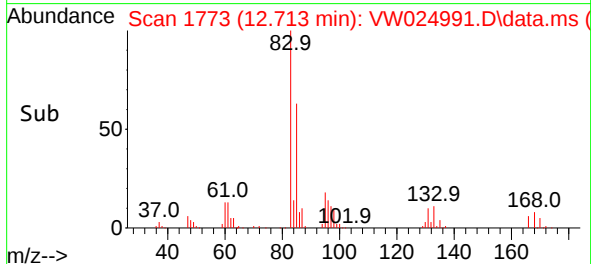
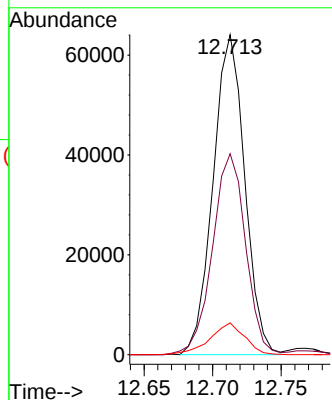
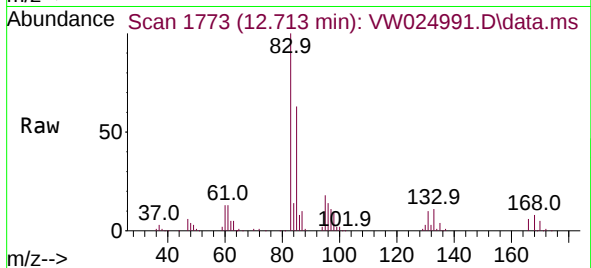
Tgt Ion: 83 Resp: 103004

Ion Ratio Lower Upper

83 100

85 62.8 46.4 86.2

131 9.9 8.2 12.4



#59

Bromoform

Concen: 24.128 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

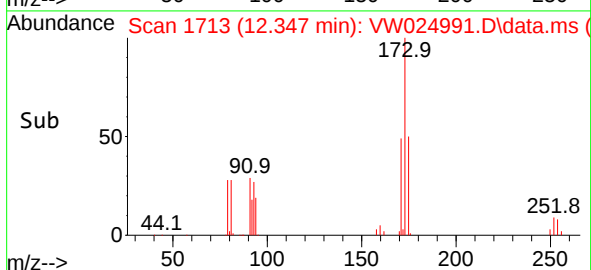
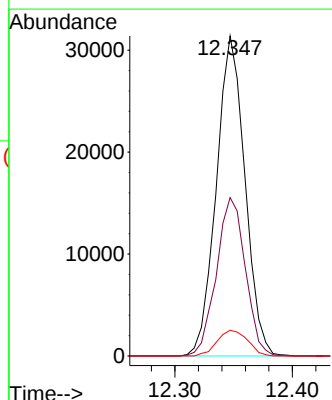
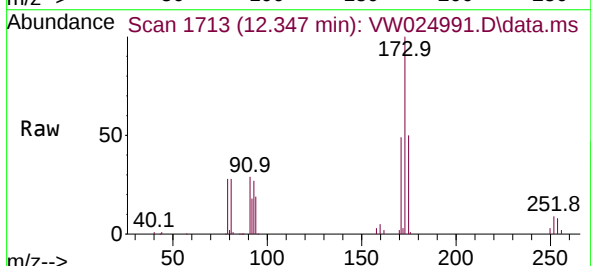
Tgt Ion:173 Resp: 53110

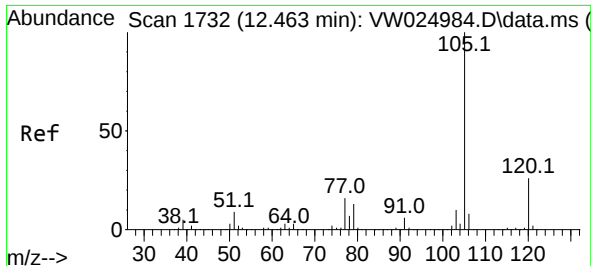
Ion Ratio Lower Upper

173 100

175 50.0 37.4 56.2

254 8.6 5.8 8.8

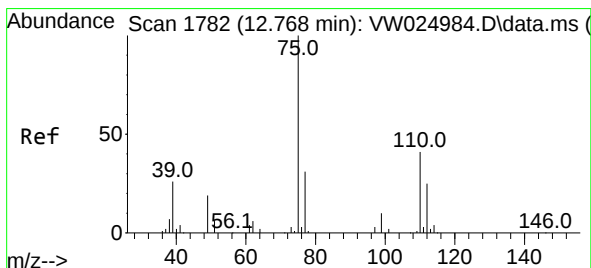
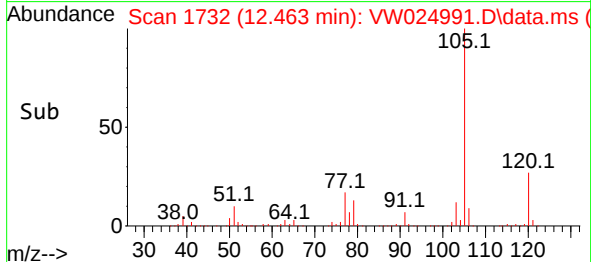
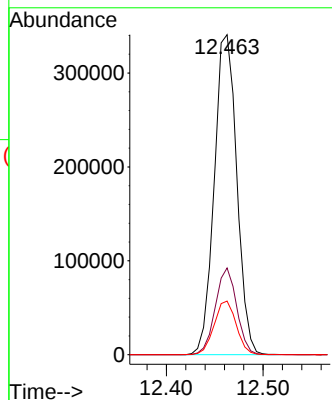
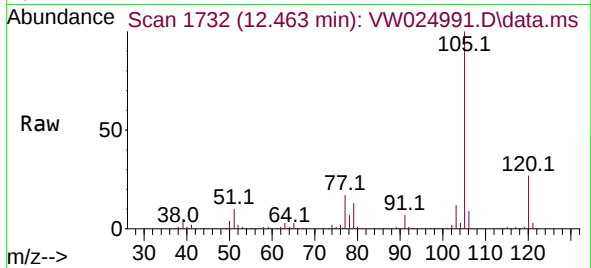




#60
Isopropylbenzene
Concen: 23.572 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

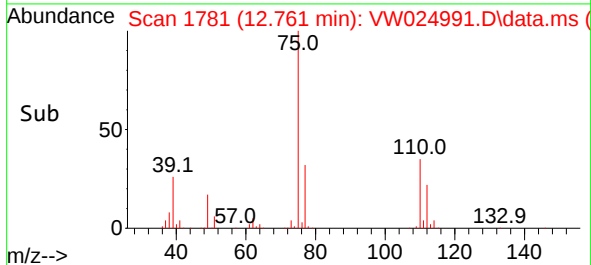
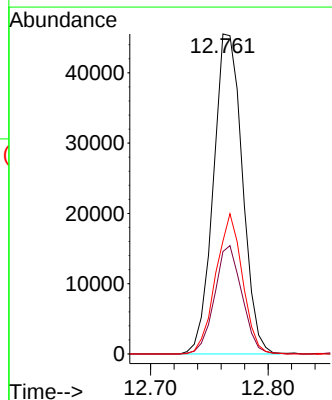
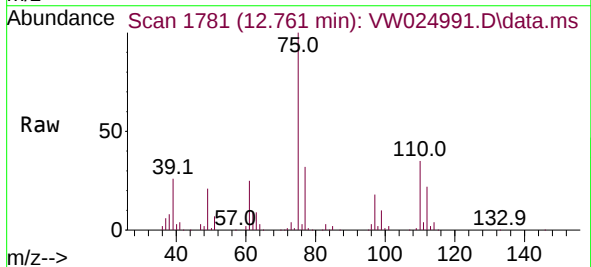
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

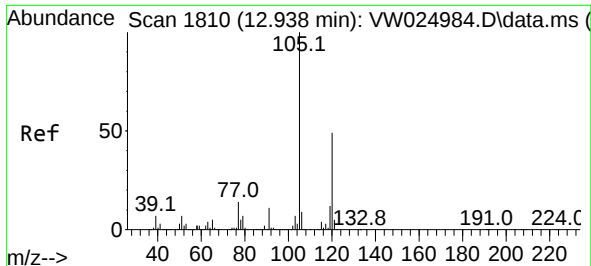
Tgt Ion:105 Resp: 551548
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 24.938 ug/L
RT: 12.761 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 75 Resp: 77974
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 40.4 31.7 47.5

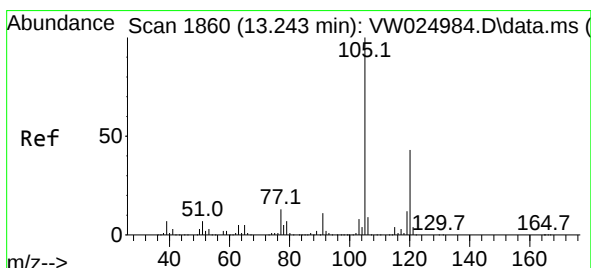
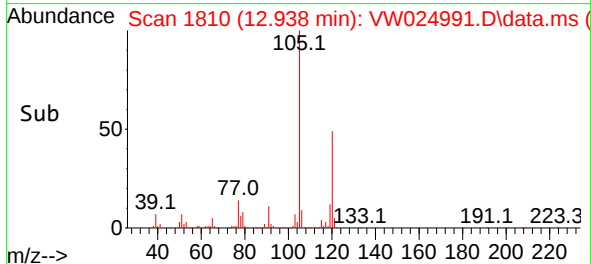
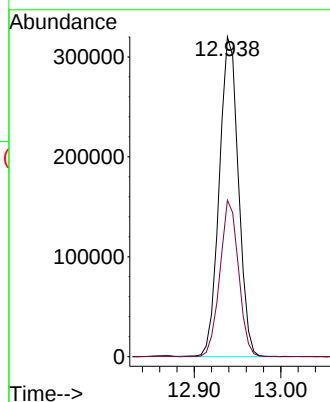
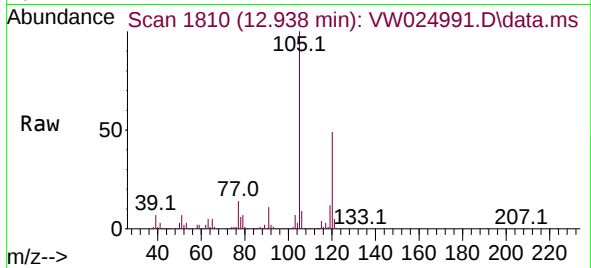




#62
1,3,5-Trimethylbenzene
Concen: 24.188 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

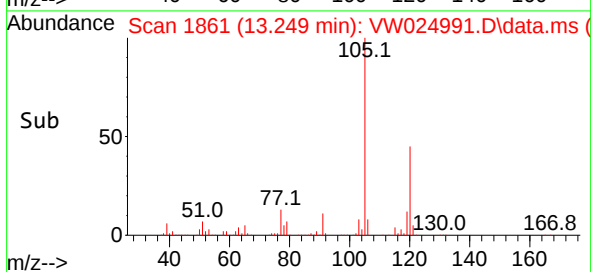
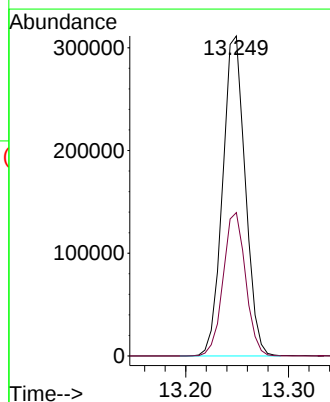
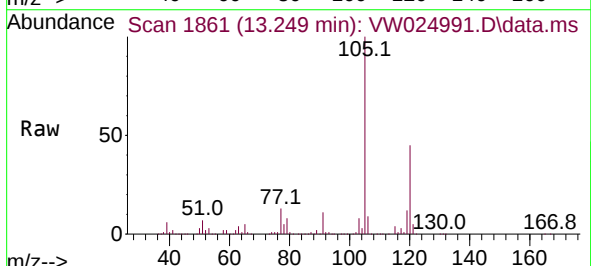
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

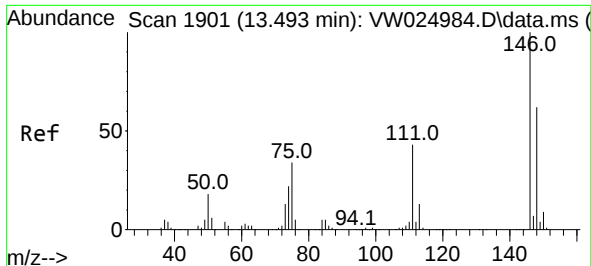
Tgt Ion:105 Resp: 491290
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 23.862 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:105 Resp: 475256
Ion Ratio Lower Upper
105 100
120 44.4 35.7 53.5

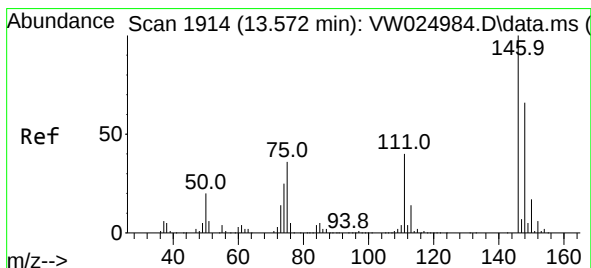
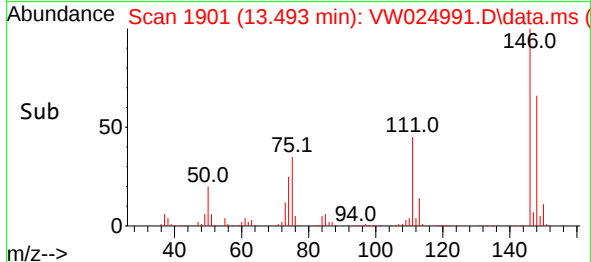
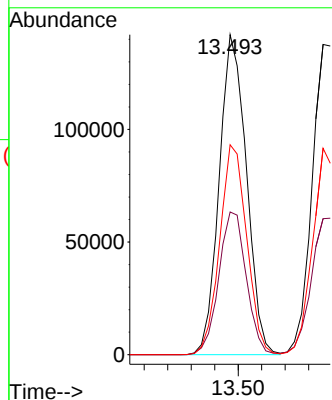
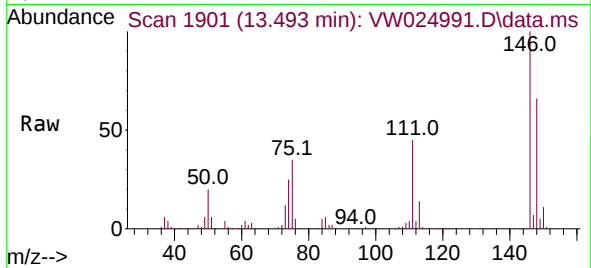




#64
1,3-Dichlorobenzene
Concen: 23.431 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

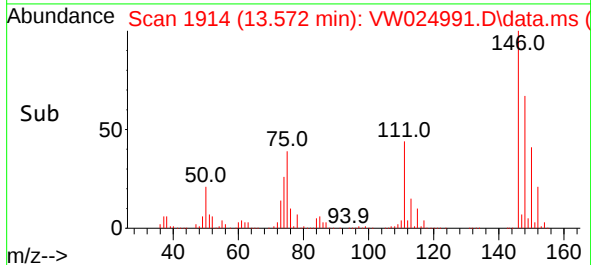
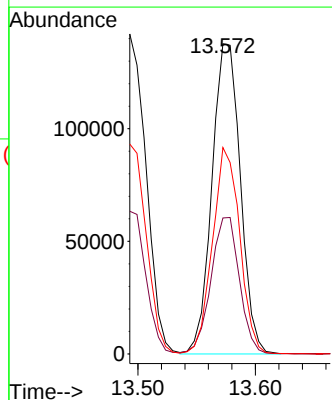
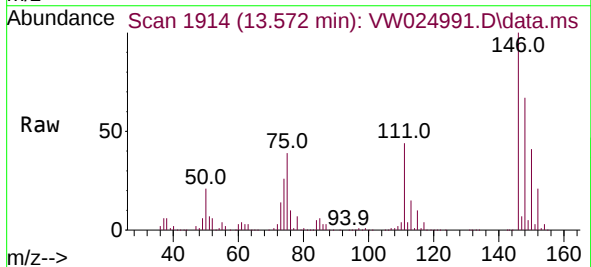
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

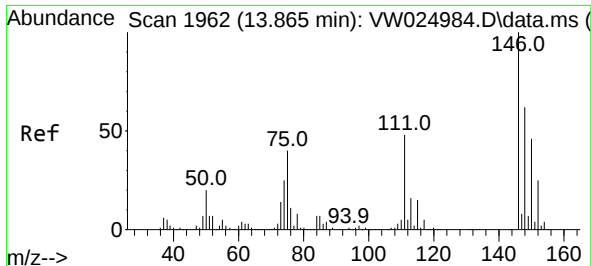
Tgt Ion:146 Resp: 228656
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.7
148 65.6 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 23.793 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:146 Resp: 231681
Ion Ratio Lower Upper
146 100
111 43.9 28.8 53.6
148 66.6 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.498 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025599

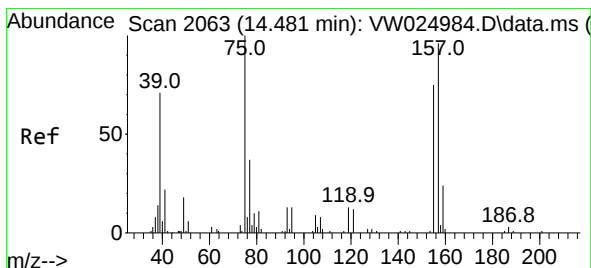
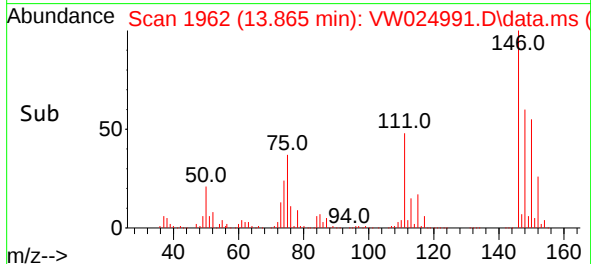
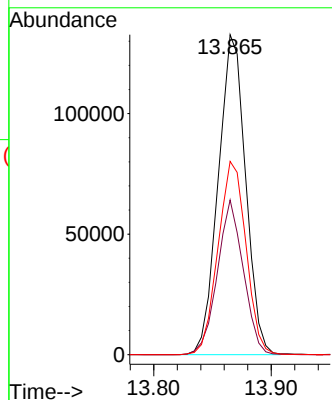
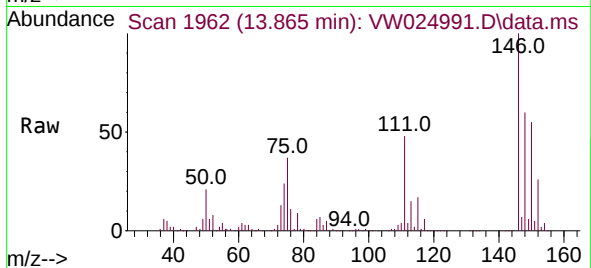
Tgt Ion:146 Resp: 214951

Ion Ratio Lower Upper

146 100

111 48.4 34.2 51.4

148 60.4 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.019 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024991.D

Acq: 26 Oct 2022 17:12

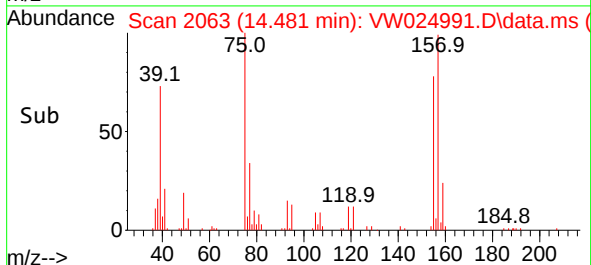
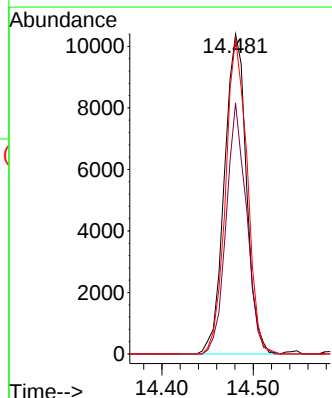
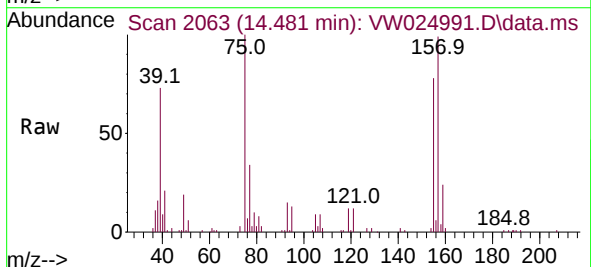
Tgt Ion: 75 Resp: 17355

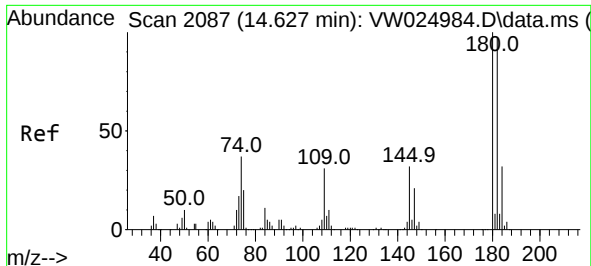
Ion Ratio Lower Upper

75 100

155 78.5 61.2 91.8

157 98.6 72.4 108.6

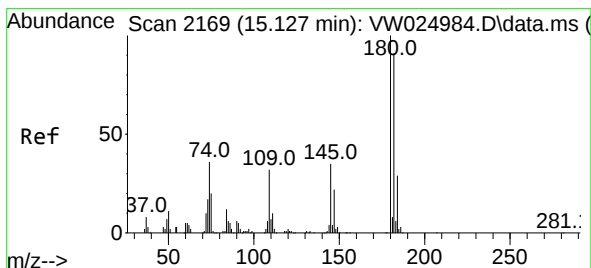
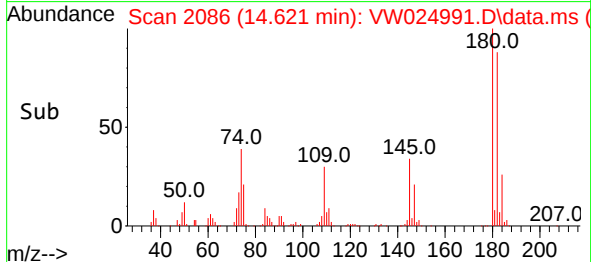
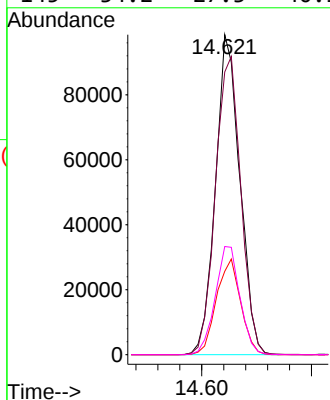
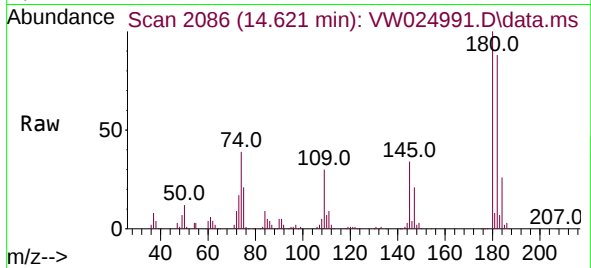




#69
1,3,5-Trichlorobenzene
Concen: 23.561 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

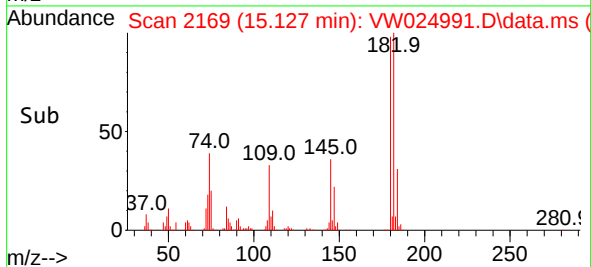
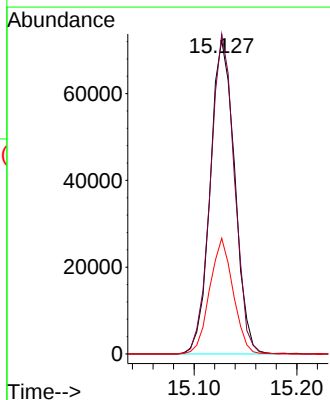
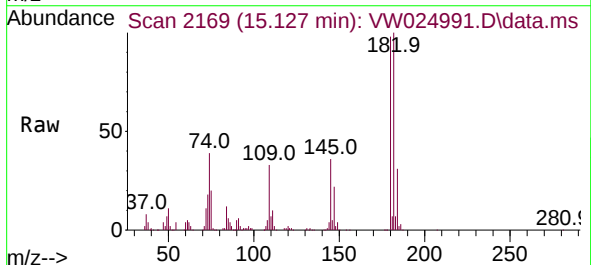
Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

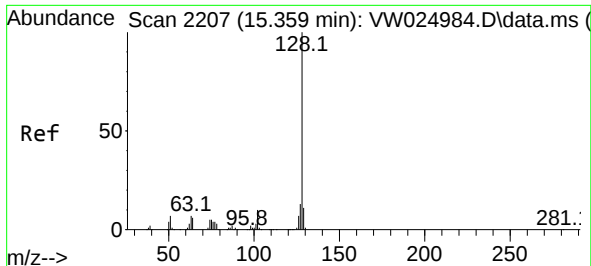
Tgt Ion:180 Resp: 152289
Ion Ratio Lower Upper
180 100
182 97.2 75.7 113.5
184 29.8 23.4 35.2
145 34.2 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 23.805 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:180 Resp: 119595
Ion Ratio Lower Upper
180 100
182 99.7 74.9 112.3
145 35.2 27.0 40.4

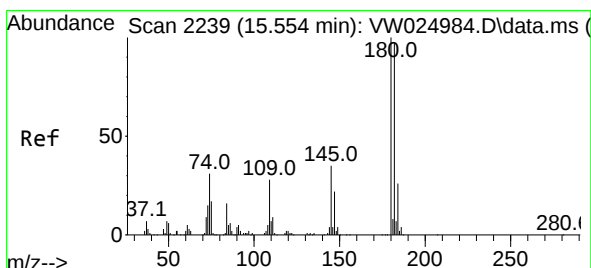
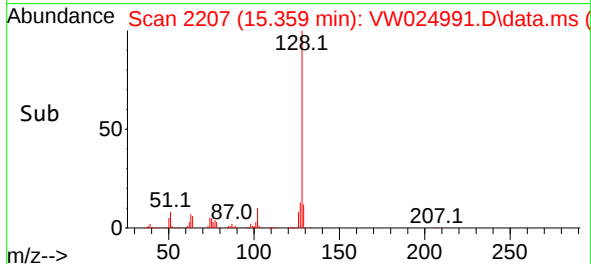
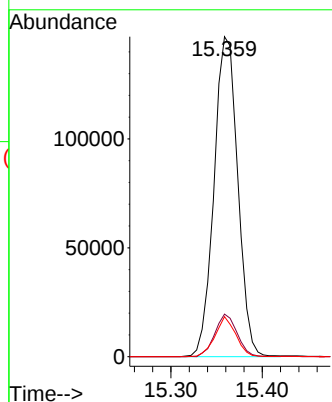
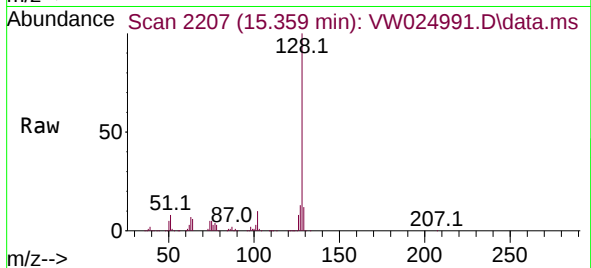




#71
Naphthalene
Concen: 25.064 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Tgt Ion:128 Resp: 265630
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.095 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024991.D
Acq: 26 Oct 2022 17:12

Tgt Ion:180 Resp: 105474
Ion Ratio Lower Upper
180 100
182 95.3 74.1 111.1
145 37.3 28.2 42.2

