

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023527.D
 Acq On : 28 Jun 2022 12:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Jun 29 02:08:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:55:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375962	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	357068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	183976	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	100001	20.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
7) Chloroethane-d5	2.885	69	88714	24.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	4.025	63	170873	22.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.040%
21) 2-Butanone-d5	7.080	46	53051	46.056	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.120%
24) Chloroform-d	7.653	84	227269	23.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	116406	22.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.640%
32) Benzene-d6	8.274	84	409889	23.219	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.274	67	127398	24.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	424468	24.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.579	79	57391	24.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.920	63	44513	52.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119056	24.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	163110	25.520	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	64889	35.257	ug/L	93
3) Chloromethane	2.215	50	129952	28.321	ug/L	95
5) Vinyl chloride	2.361	62	184955	26.629	ug/L	95
6) Bromomethane	2.775	94	114739	29.056	ug/L	99
8) Chloroethane	2.922	64	103592	28.455	ug/L	99
9) Trichlorofluoromethane	3.263	101	87712	24.106	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	122567	24.617	ug/L	100
12) 1,1-Dichloroethene	4.043	96	107630	24.992	ug/L	98
13) Acetone	4.129	43	35408	43.891	ug/L	100
14) Carbon disulfide	4.385	76	351799	26.039	ug/L	100
15) Methyl Acetate	4.678	43	45106	23.903	ug/L	99
16) Methylene chloride	4.921	84	124120	22.091	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	127760	25.230	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	187546	25.909	ug/L #	85
19) 1,1-Dichloroethane	6.214	63	214624	25.145	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	134502	25.219	ug/L	93
22) 2-Butanone	7.171	43	59875	43.487	ug/L	99
23) Bromochloromethane	7.519	128	63042	24.985	ug/L	90
25) Chloroform	7.677	83	237854	24.739	ug/L	95

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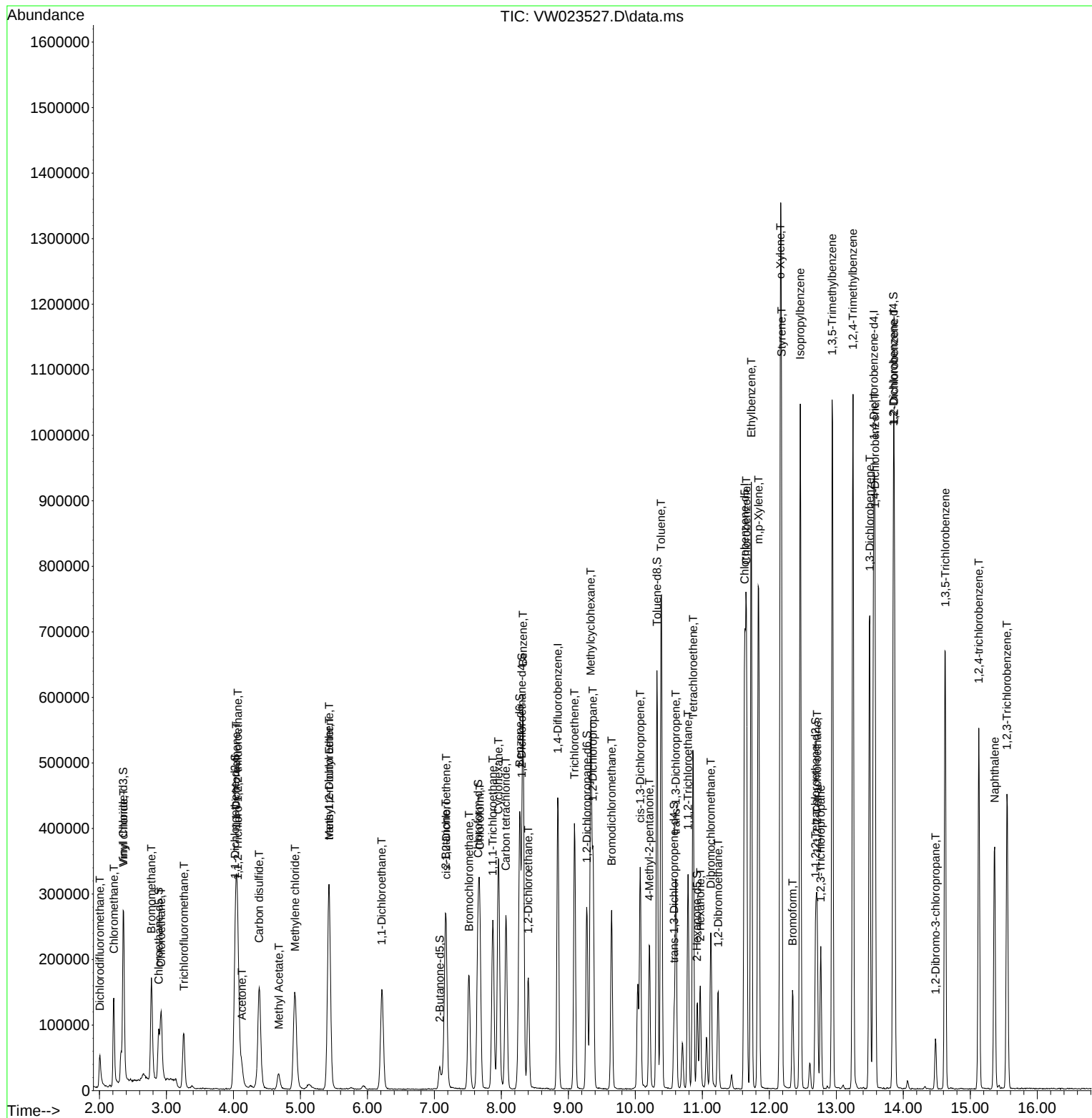
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	152987	24.747	ug/L	98
29) Cyclohexane	7.957	56	187992	25.866	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	207219	24.596	ug/L	99
31) Carbon tetrachloride	8.067	117	188941	24.421	ug/L	96
33) Benzene	8.323	78	509454	24.861	ug/L	100
34) Trichloroethene	9.091	95	135062	23.924	ug/L	97
35) Methylcyclohexane	9.335	83	230779	25.698	ug/L	99
37) 1,2-Dichloropropane	9.366	63	120183	24.664	ug/L	99
38) Bromodichloromethane	9.646	83	170102	24.372	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	192386	25.750	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	136289	49.771	ug/L	98
42) Toluene	10.384	91	573859	25.454	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	172961	26.222	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	97526	24.561	ug/L	95
46) Tetrachloroethene	10.865	164	107498	24.123	ug/L	97
48) 2-Hexanone	10.969	43	93332	50.254	ug/L	99
49) Dibromochloromethane	11.128	129	121646	25.129	ug/L	99
50) 1,2-Dibromoethane	11.237	107	96925	25.095	ug/L	96
51) Chlorobenzene	11.658	112	381269	24.910	ug/L	99
52) Ethylbenzene	11.731	91	639573	25.468	ug/L	100
53) m,p-Xylene	11.841	106	258714	26.065	ug/L	98
54) o-Xylene	12.164	106	243568	26.395	ug/L	93
55) Styrene	12.182	104	421856	26.402	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118109	24.654	ug/L	96
59) Bromoform	12.347	173	65698	25.632	ug/L	97
60) Isopropylbenzene	12.463	105	662169	26.303	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	82162	24.068	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	560655	27.170	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	553791	27.202	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	294181	25.383	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	302236	25.401	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	271449	25.977	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	17952	22.904	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	206392	27.187	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	158934	27.130	ug/L	96
71) Naphthalene	15.365	128	315993	28.432	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	142990	28.235	ug/L	96

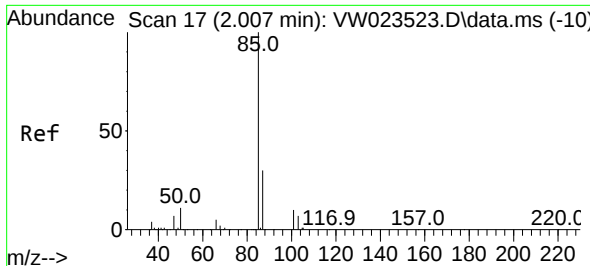
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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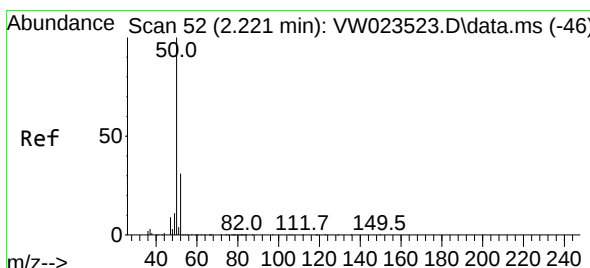
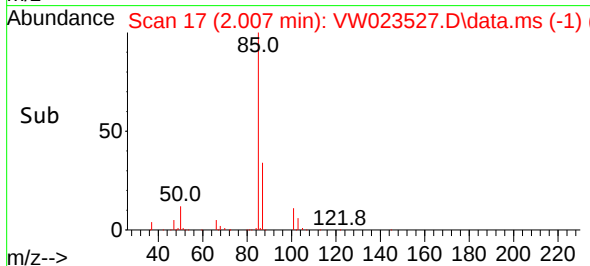
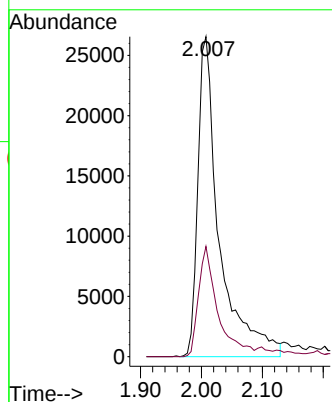
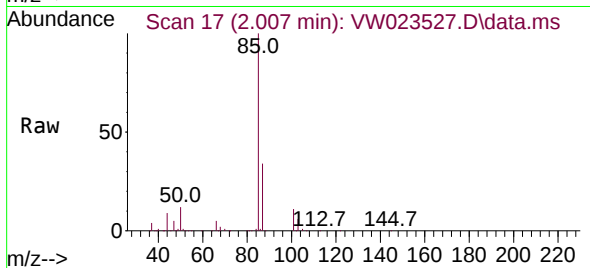




#2
 Dichlorodifluoromethane
 Concen: 35.257 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

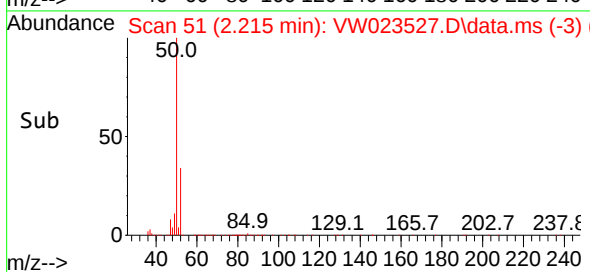
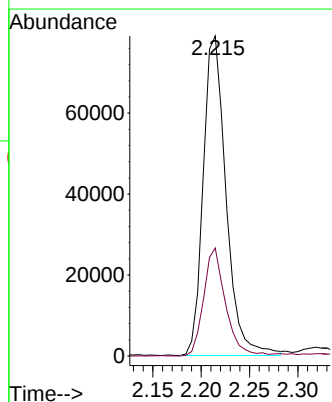
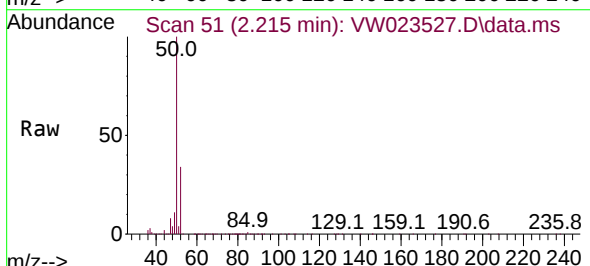
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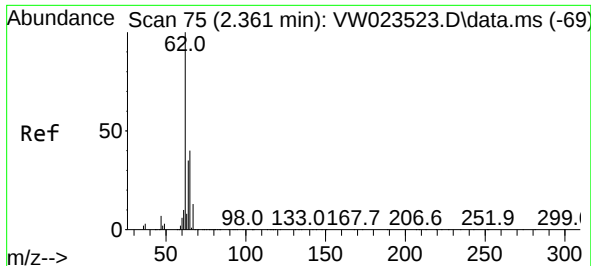
Tgt Ion: 85 Resp: 64889
 Ion Ratio Lower Upper
 85 100
 87 29.9 21.0 31.4



#3
 Chloromethane
 Concen: 28.321 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

Tgt Ion: 50 Resp: 129952
 Ion Ratio Lower Upper
 50 100
 52 33.7 21.8 40.4

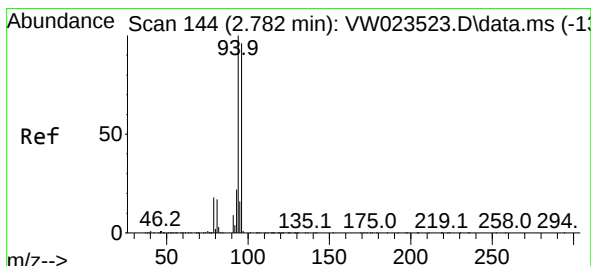
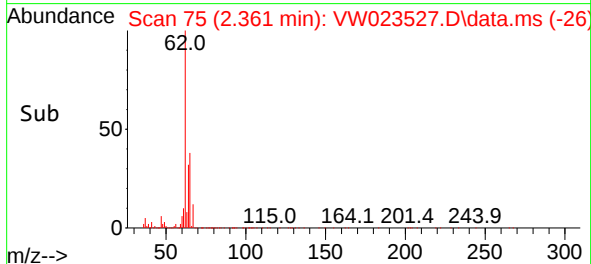
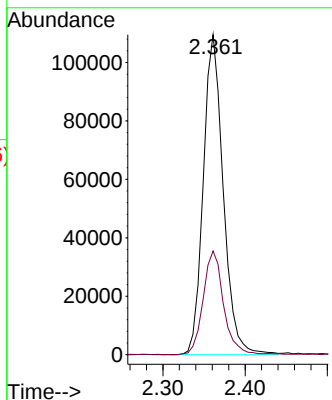
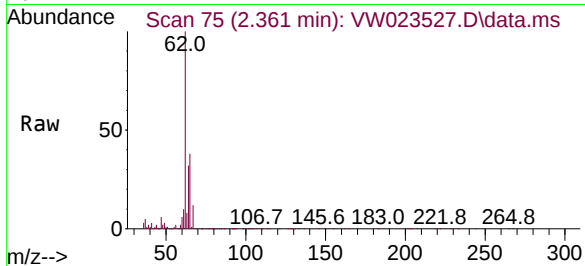




#5
 Vinyl chloride
 Concen: 26.629 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

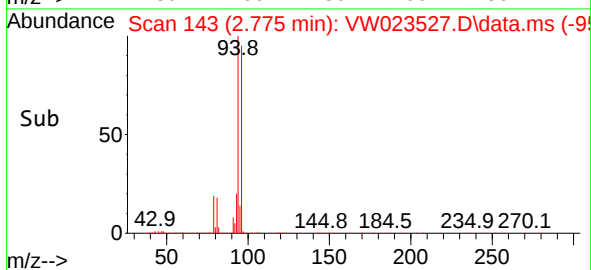
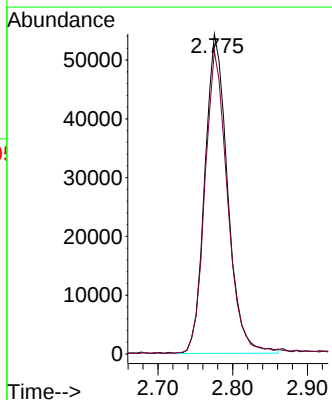
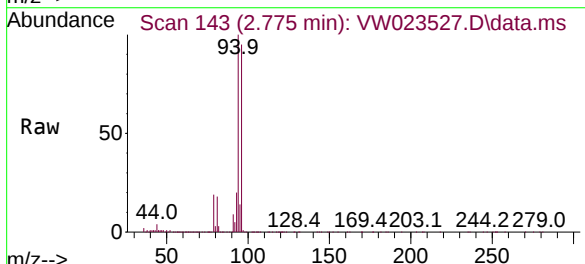
Instrument :
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 ClientSampleId :
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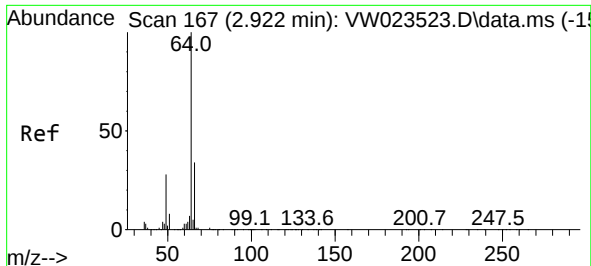
Tgt Ion: 62 Resp: 184955
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 45.6



#6
 Bromomethane
 Concen: 29.056 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

Tgt Ion: 94 Resp: 114739
 Ion Ratio Lower Upper
 94 100
 96 94.7 67.0 124.4

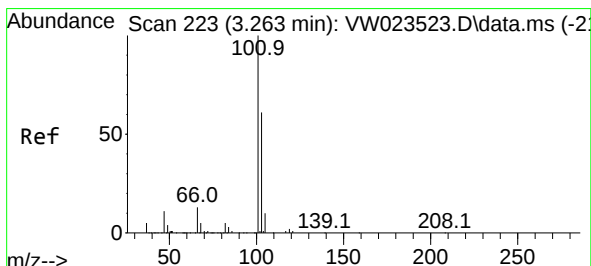
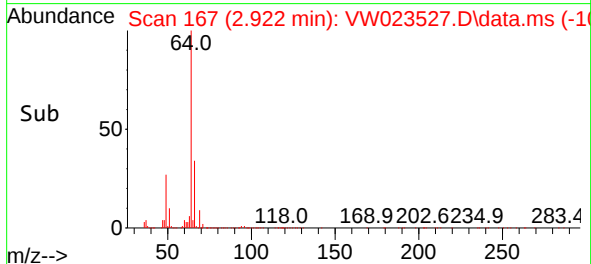
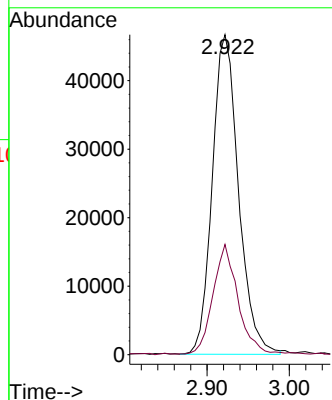
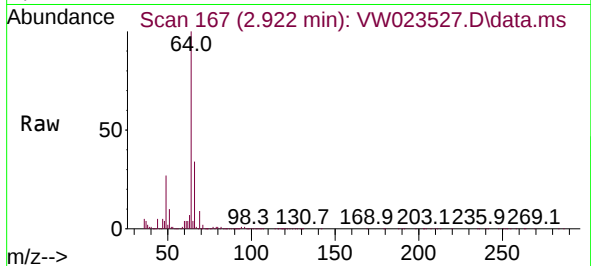




#8
Chloroethane
Concen: 28.455 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

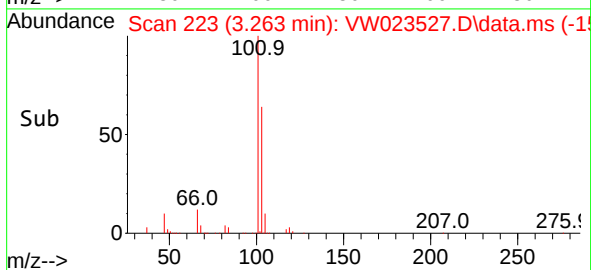
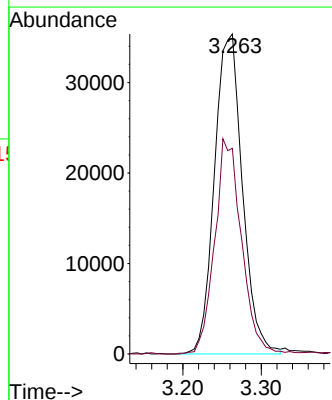
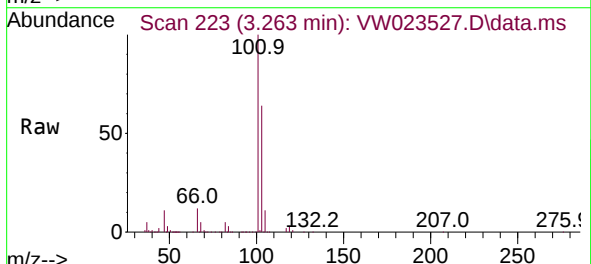
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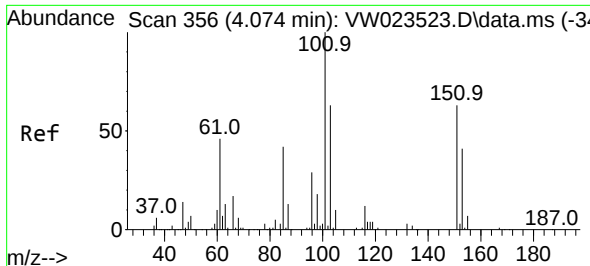
Tgt Ion: 64 Resp: 103592
Ion Ratio Lower Upper
64 100
66 34.5 23.6 43.8



#9
Trichlorofluoromethane
Concen: 24.106 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 101 Resp: 87712
Ion Ratio Lower Upper
101 100
103 63.4 53.1 79.7

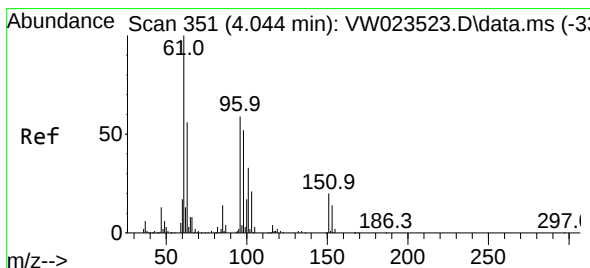
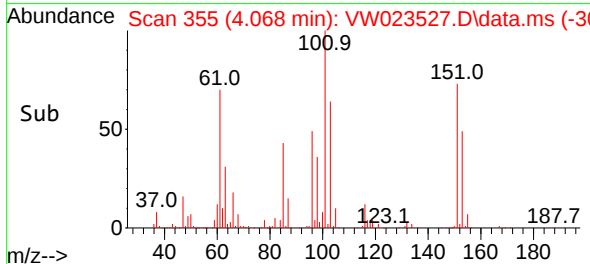
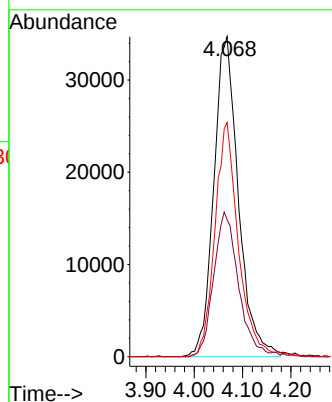
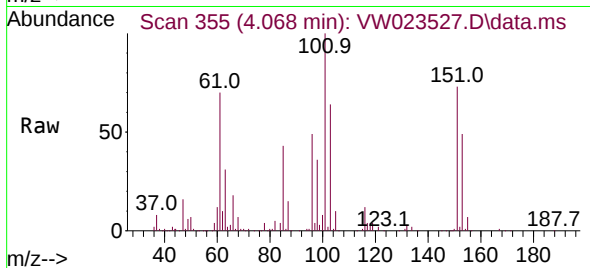




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.617 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023527.D
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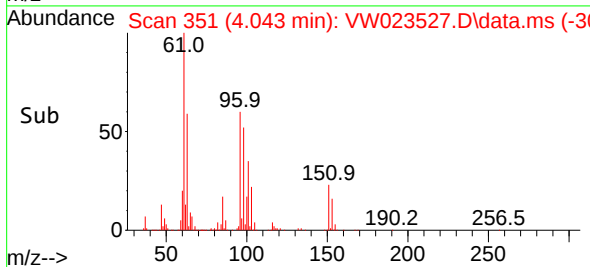
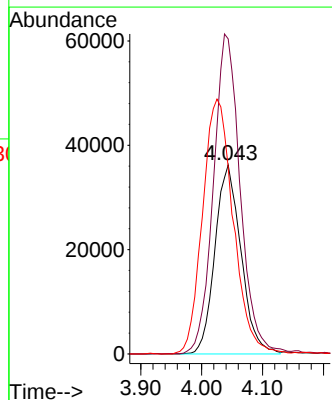
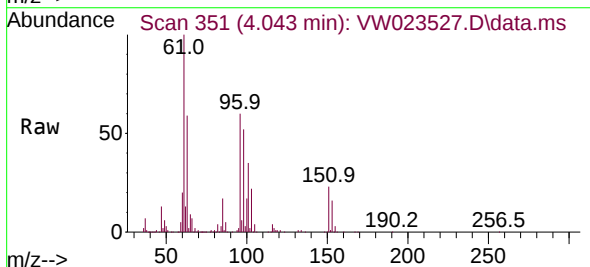
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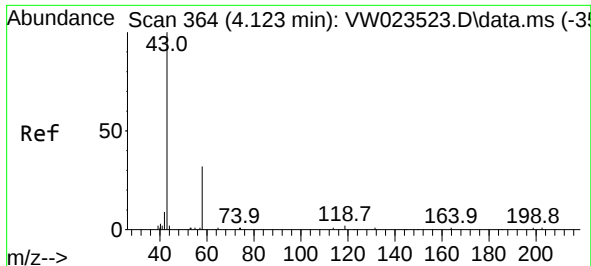
Tgt Ion:101 Resp: 122567
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.4 54.6
 151 69.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 24.992 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

Tgt Ion: 96 Resp: 107630
 Ion Ratio Lower Upper
 96 100
 61 166.7 118.4 219.8
 63 98.9 67.4 125.2

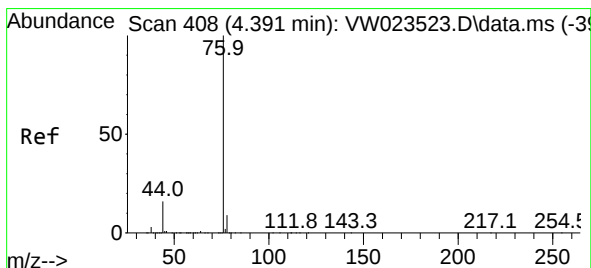
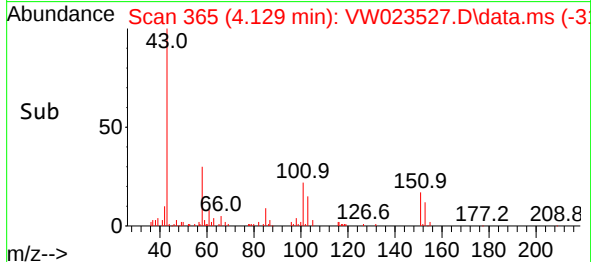
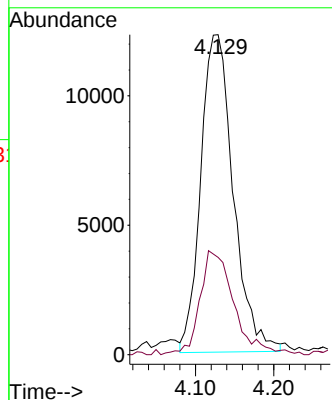
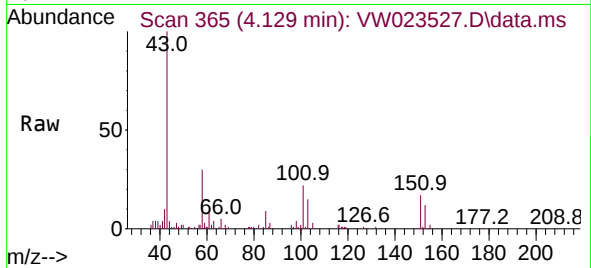




#13
Acetone
Concen: 43.891 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023527.D
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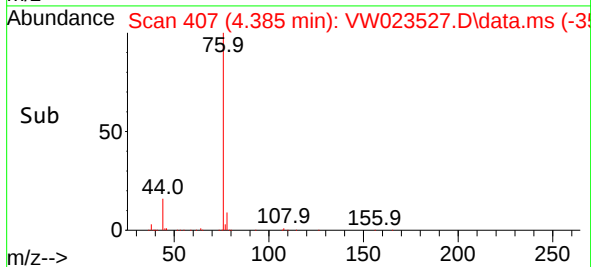
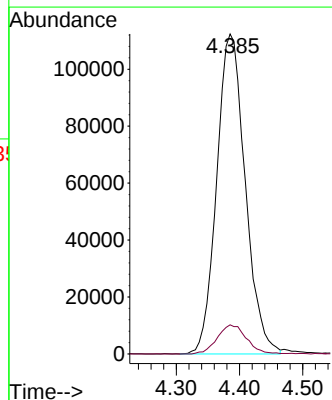
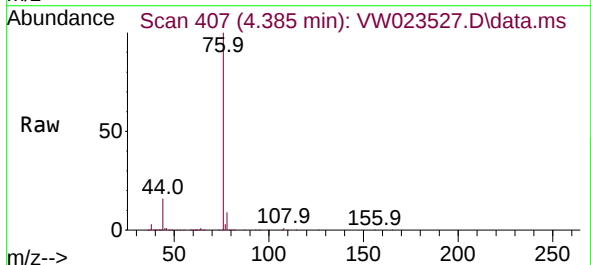
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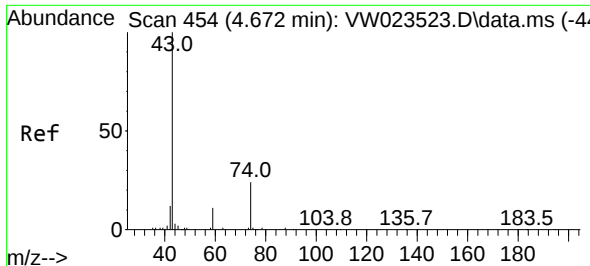
Tgt Ion: 43 Resp: 35408
Ion Ratio Lower Upper
43 100
58 31.9 0.0 63.2



#14
Carbon disulfide
Concen: 26.039 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Acq: 28 Jun 2022 12:38

Tgt Ion: 76 Resp: 351799
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

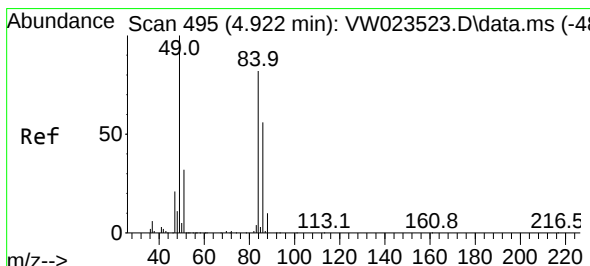
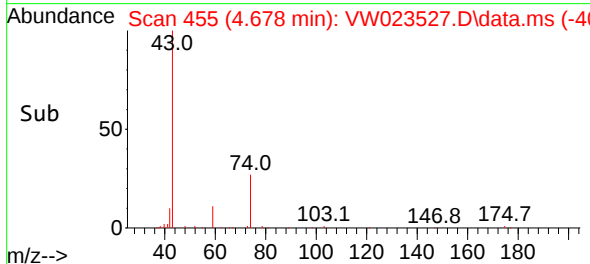
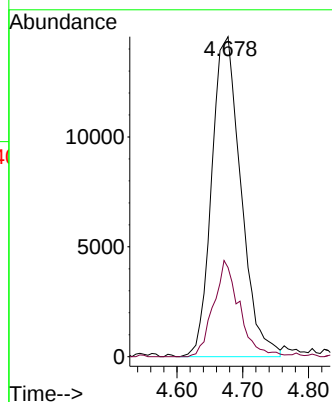
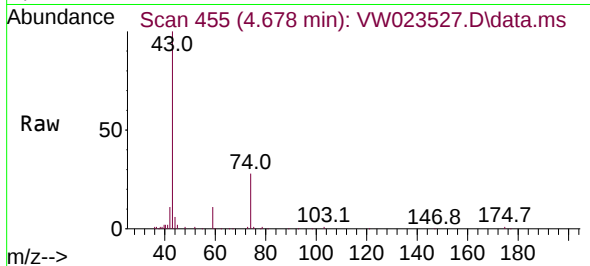




#15
Methyl Acetate
Concen: 23.903 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

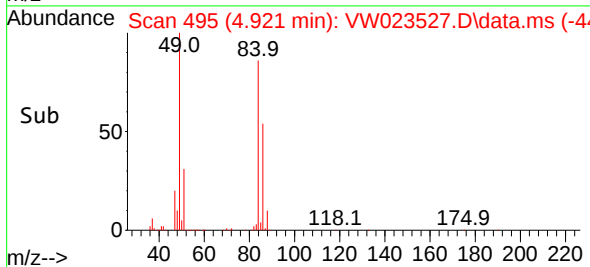
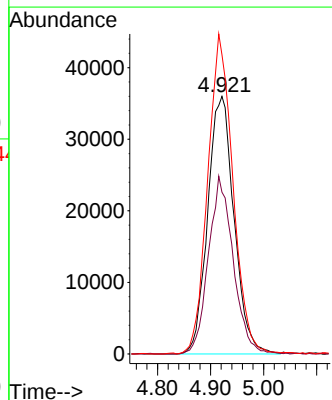
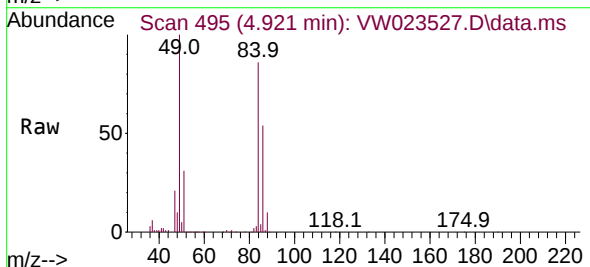
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

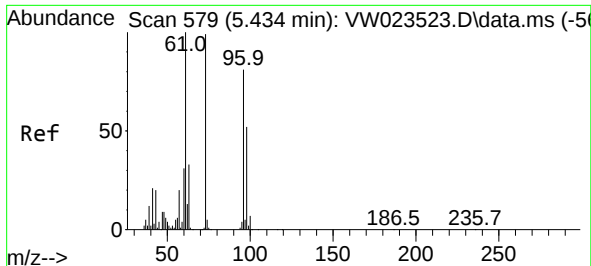
Tgt Ion: 43 Resp: 45106
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3



#16
Methylene chloride
Concen: 22.091 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 84 Resp: 124120
Ion Ratio Lower Upper
84 100
86 62.8 47.8 88.8
49 116.2 85.0 157.8

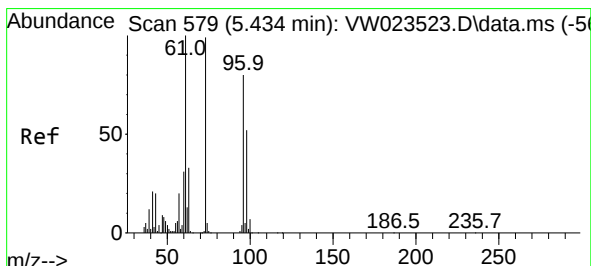
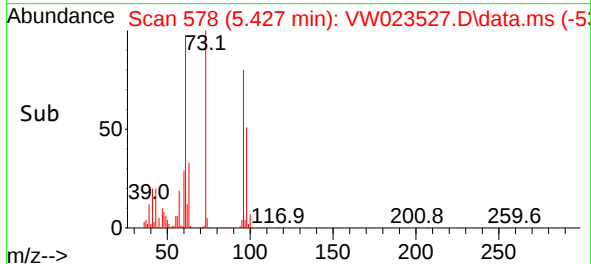
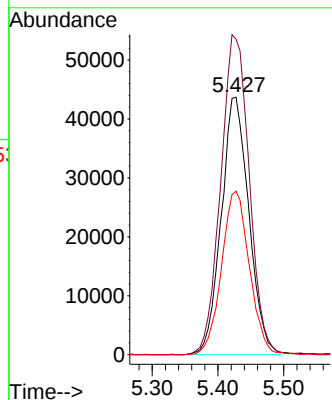
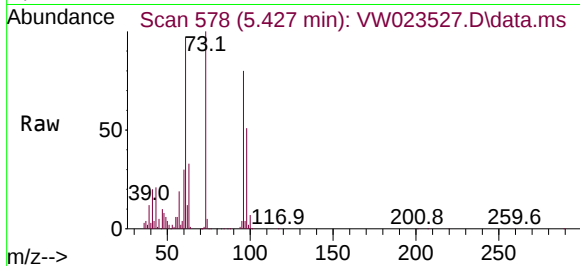




#17
trans-1,2-Dichloroethene
Concen: 25.230 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

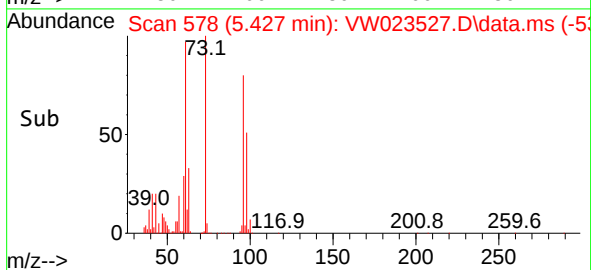
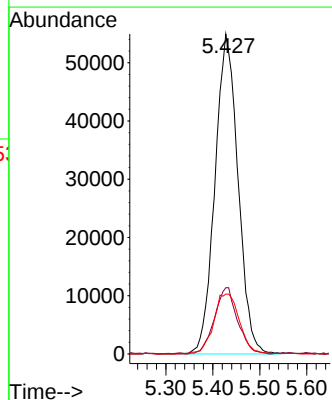
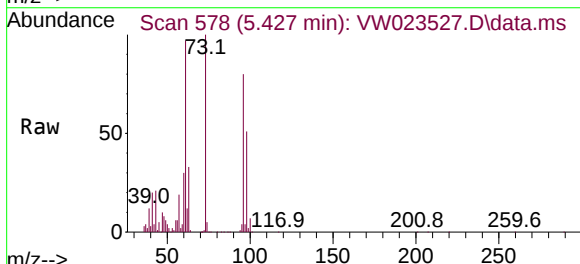
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

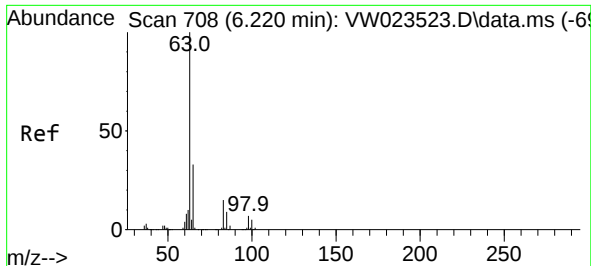
Tgt Ion: 96 Resp: 127760
Ion Ratio Lower Upper
96 100
61 122.6 87.0 161.6
98 63.5 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 25.909 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 73 Resp: 187546
Ion Ratio Lower Upper
73 100
43 20.8 16.0 24.0
57 8.0 16.7 25.1#





#19

1,1-Dichloroethane

Concen: 25.145 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

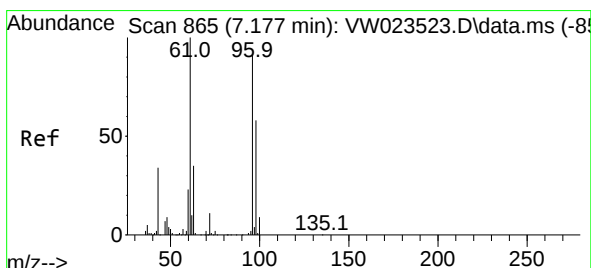
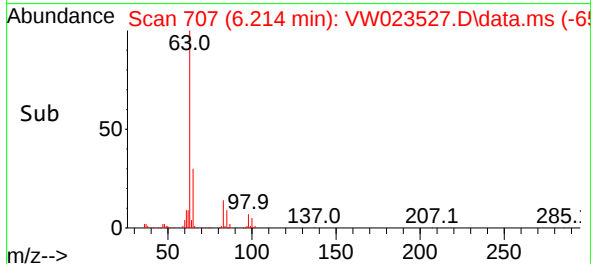
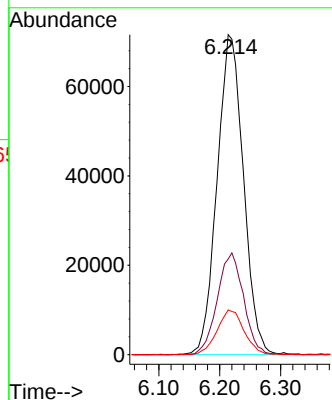
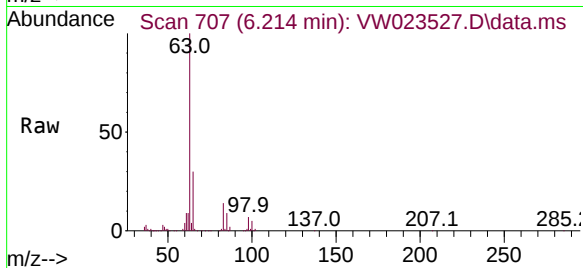
Tgt Ion: 63 Resp: 214624

Ion Ratio Lower Upper

63 100

65 29.9 23.2 43.2

83 14.0 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 25.219 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

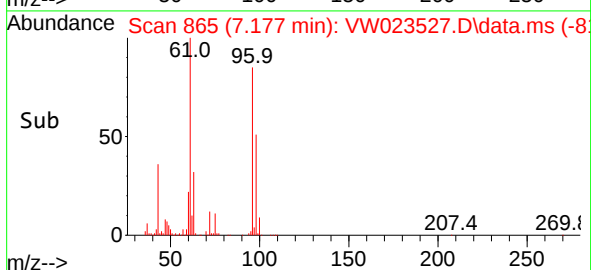
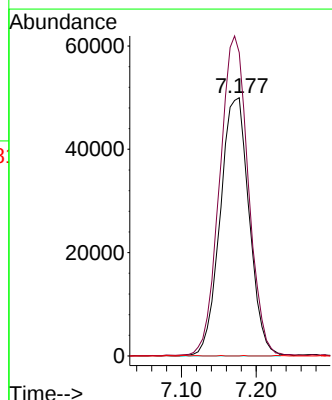
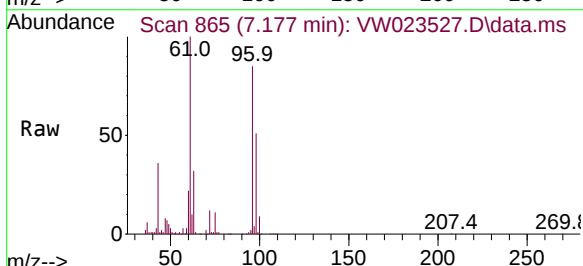
Tgt Ion: 96 Resp: 134502

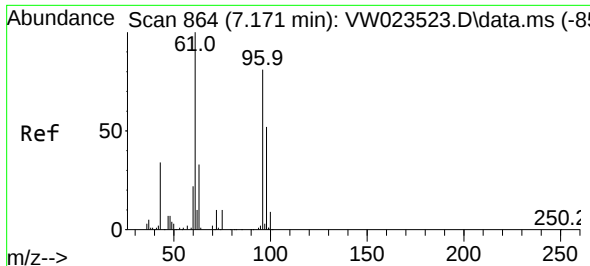
Ion Ratio Lower Upper

96 100

61 117.5 77.1 143.3

68 0.0 0.0 0.0

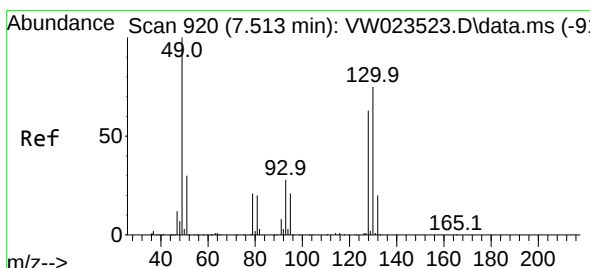
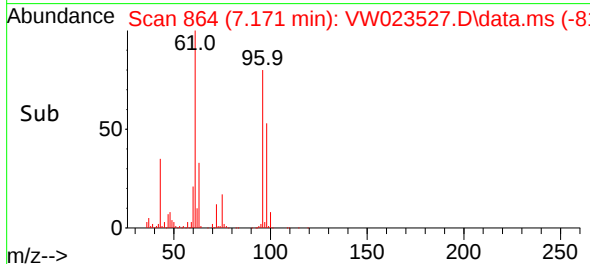
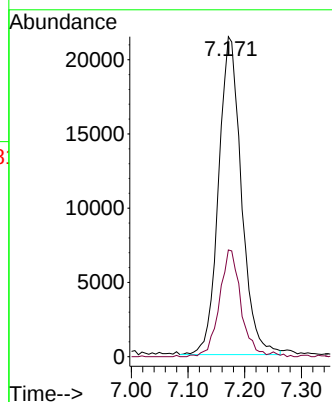
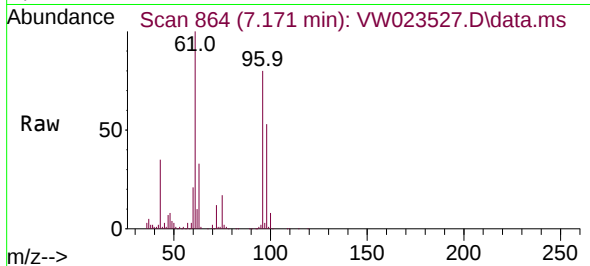




#22
2-Butanone
Concen: 43.487 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

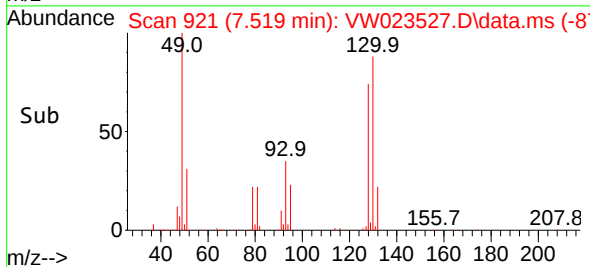
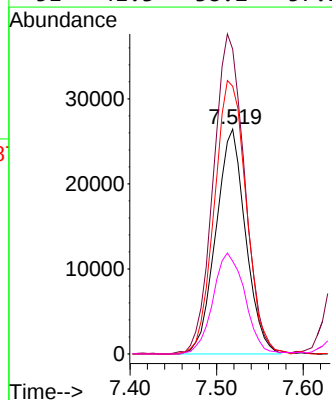
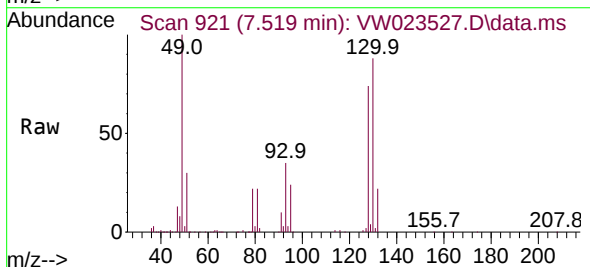
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

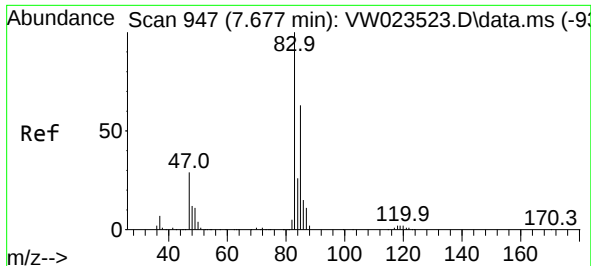
Tgt Ion: 43 Resp: 59875
Ion Ratio Lower Upper
43 100
72 31.4 15.9 47.6



#23
Bromochloromethane
Concen: 24.985 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 128 Resp: 63042
Ion Ratio Lower Upper
128 100
49 135.6 111.6 207.2
130 119.1 83.6 155.2
51 41.3 38.2 57.2

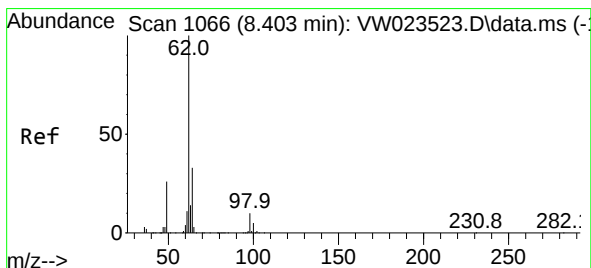
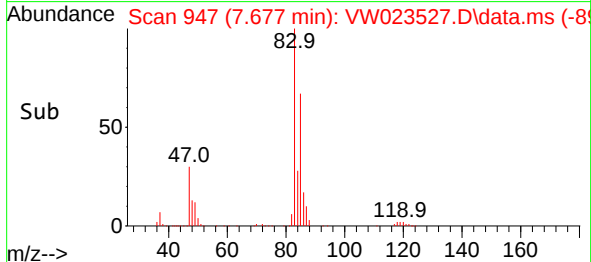
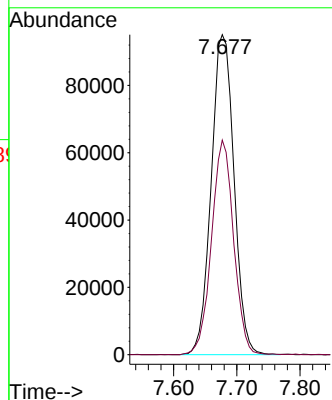
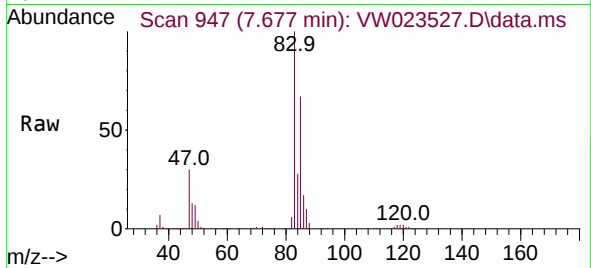




#25
Chloroform
Concen: 24.739 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

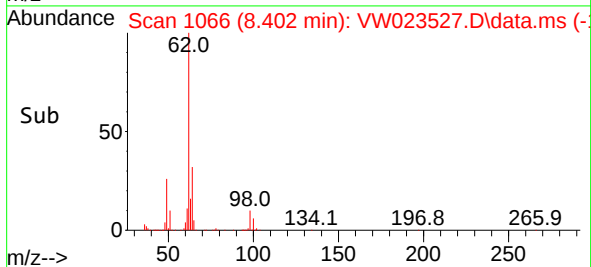
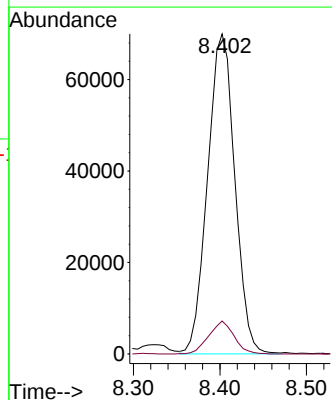
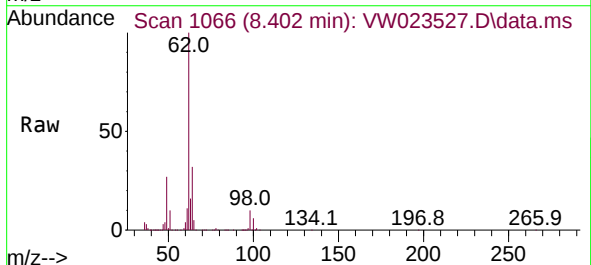
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

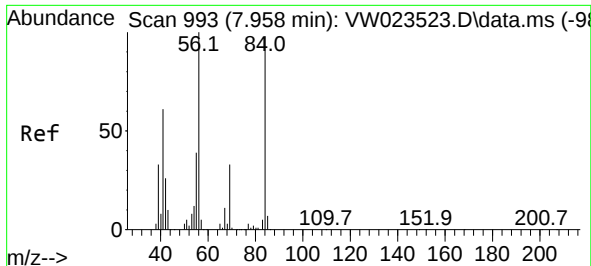
Tgt Ion: 83 Resp: 237854
Ion Ratio Lower Upper
83 100
85 67.1 44.1 81.9



#27
1,2-Dichloroethane
Concen: 24.747 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 62 Resp: 152987
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6

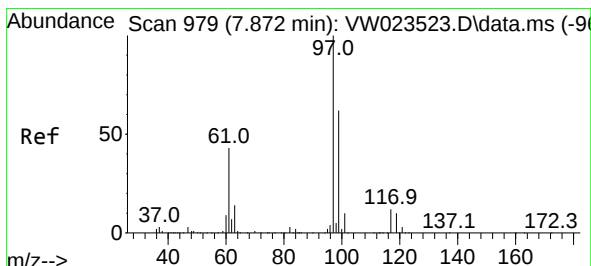
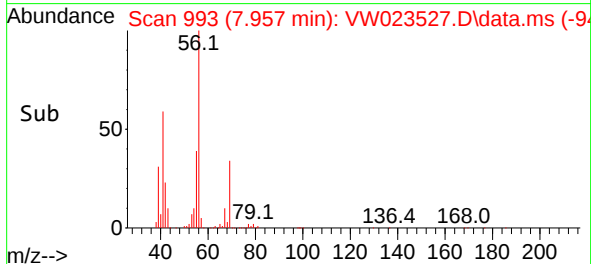
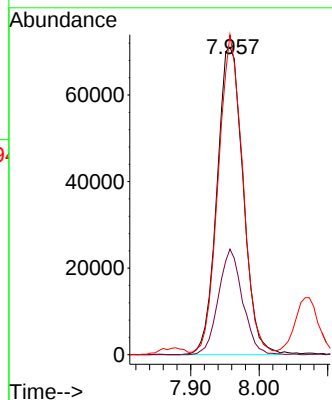
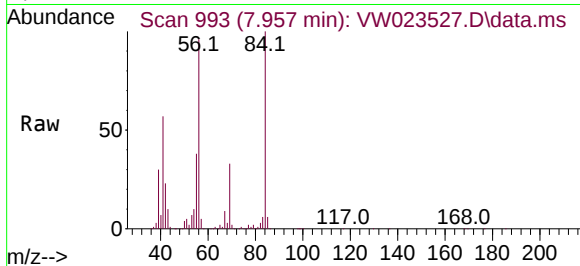




#29
Cyclohexane
Concen: 25.866 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

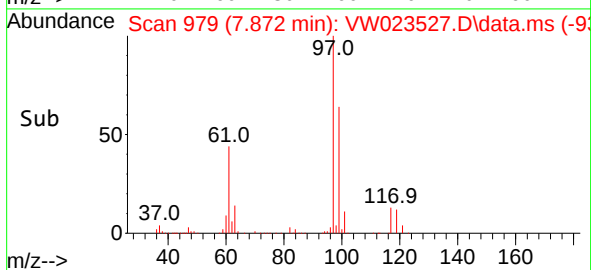
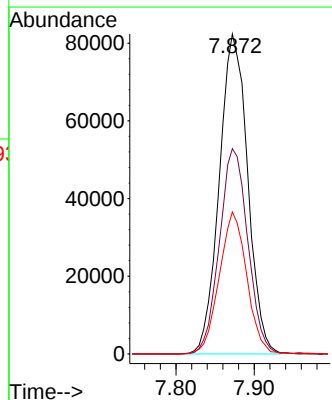
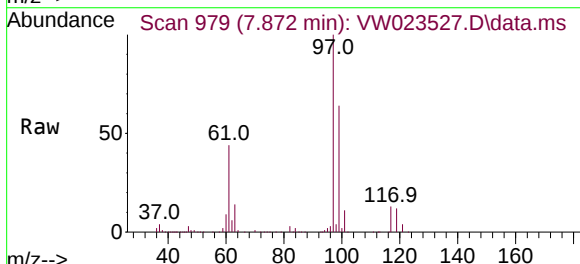
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

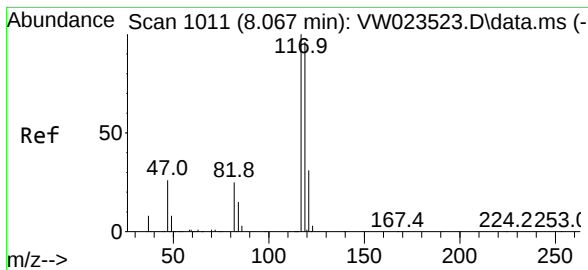
Tgt Ion: 56 Resp: 187992
Ion Ratio Lower Upper
56 100
69 31.7 25.6 38.4
84 98.0 75.8 113.8



#30
1,1,1-Trichloroethane
Concen: 24.596 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 97 Resp: 207219
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 43.1 35.1 52.7

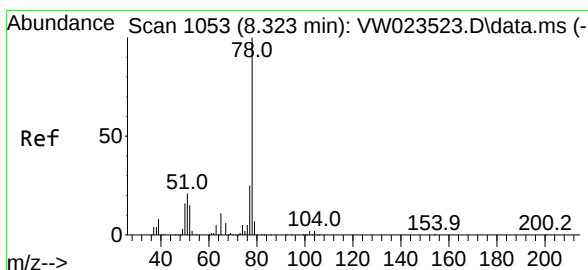
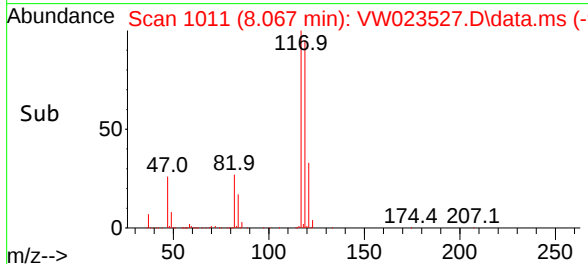
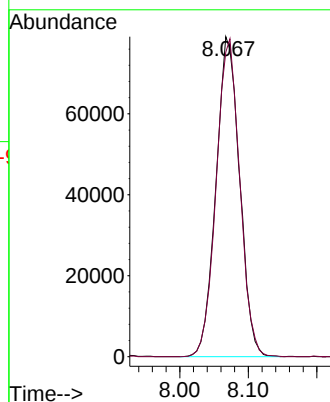
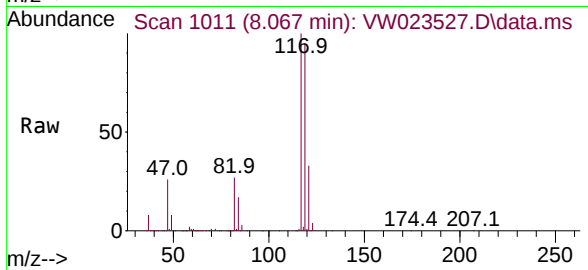




#31
Carbon tetrachloride
Concen: 24.421 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

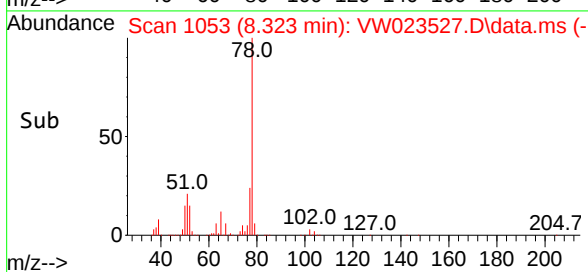
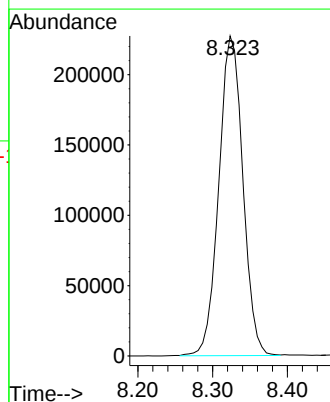
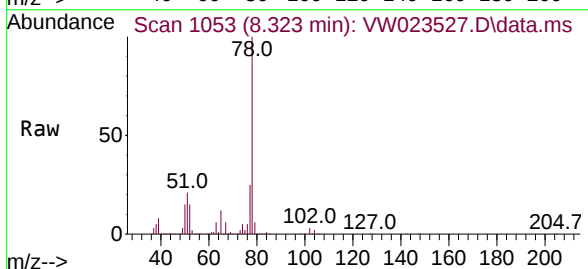
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

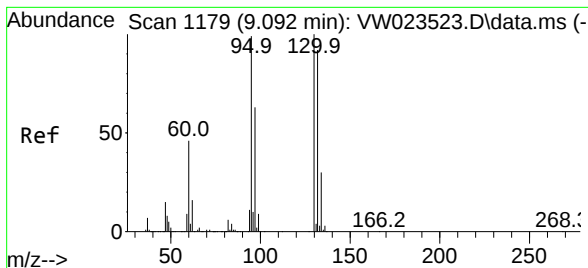
Tgt Ion:117 Resp: 188941
Ion Ratio Lower Upper
117 100
119 99.2 76.6 114.8



#33
Benzene
Concen: 24.861 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 78 Resp: 509454





#34

Trichloroethene

Concen: 23.924 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion: 95 Resp: 135062

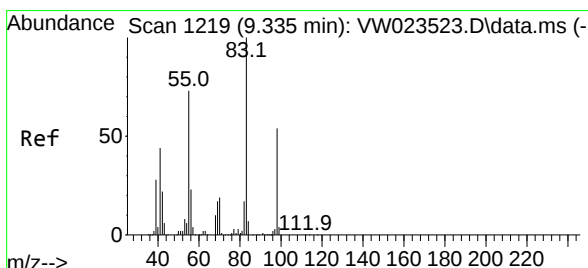
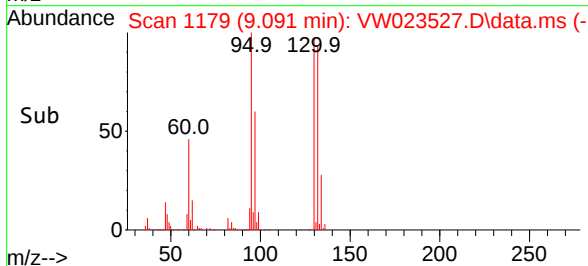
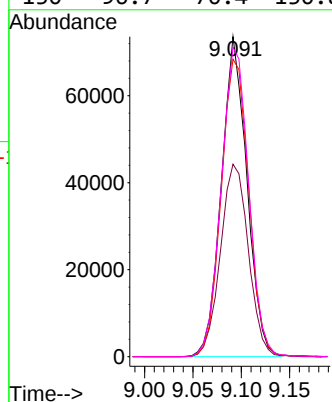
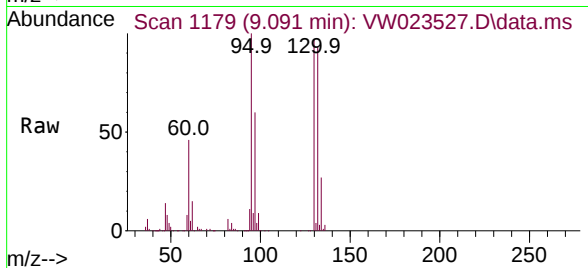
Ion Ratio Lower Upper

95 100

97 60.1 44.2 82.0

132 92.9 64.6 120.0

130 96.7 70.4 130.8



#35

Methylcyclohexane

Concen: 25.698 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

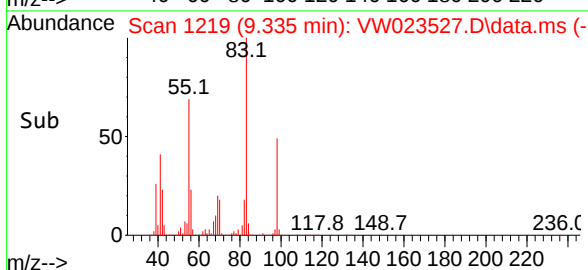
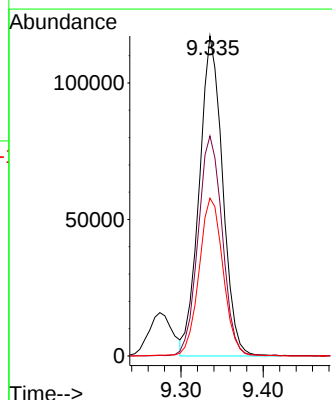
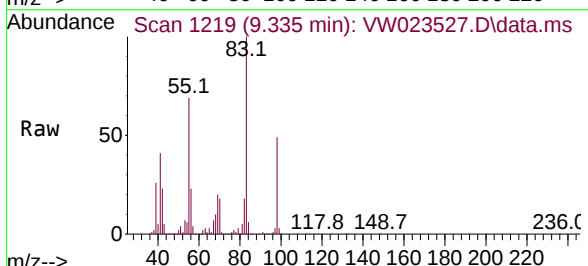
Tgt Ion: 83 Resp: 230779

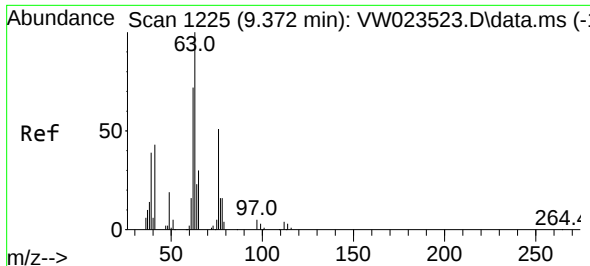
Ion Ratio Lower Upper

83 100

55 71.0 56.2 84.2

98 51.1 40.7 61.1





#37

1,2-Dichloropropane

Concen: 24.664 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

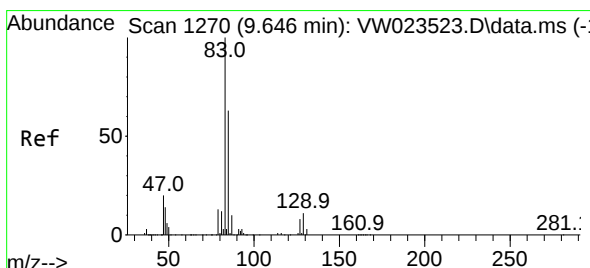
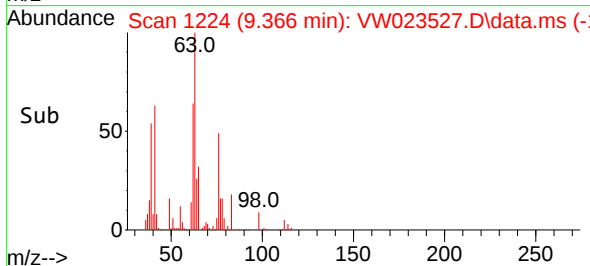
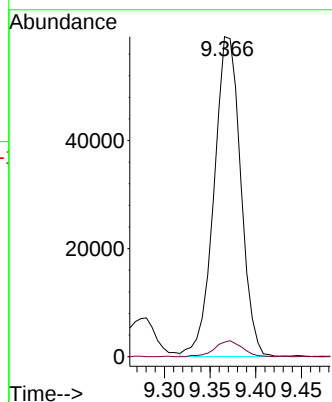
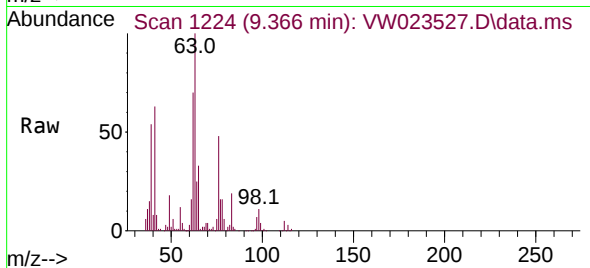
VSTD025582

Tgt Ion: 63 Resp: 120183

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 24.372 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

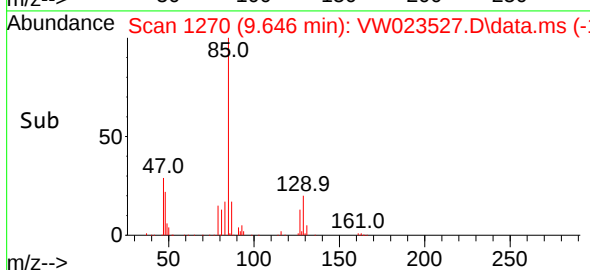
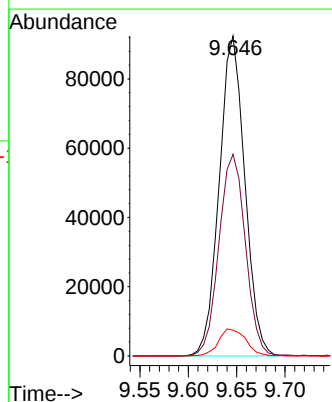
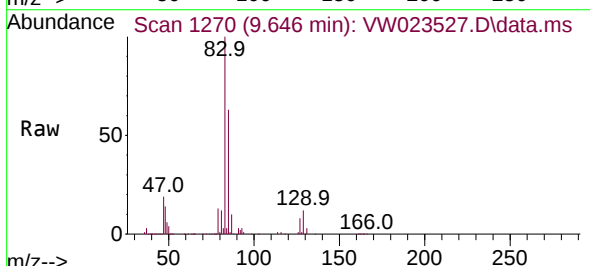
Tgt Ion: 83 Resp: 170102

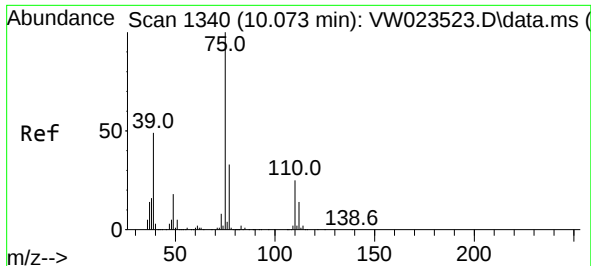
Ion Ratio Lower Upper

83 100

85 63.0 44.4 82.4

127 8.1 6.4 9.6

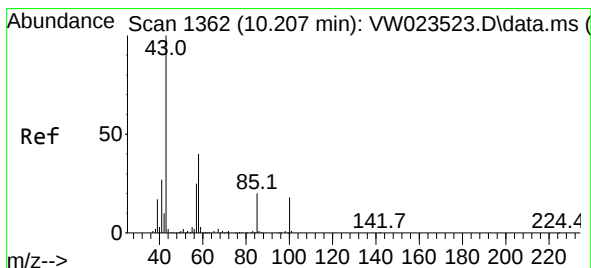
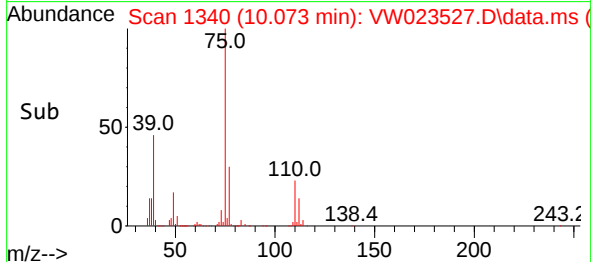
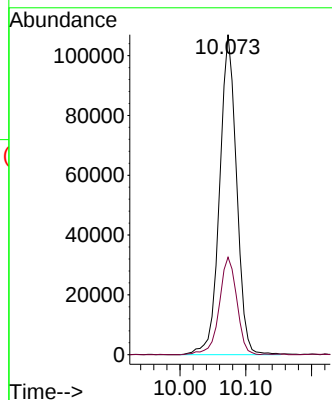
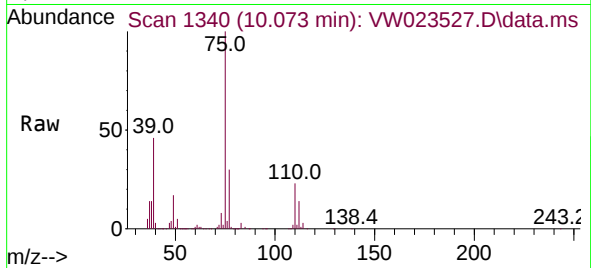




#39
 cis-1,3-Dichloropropene
 Concen: 25.750 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

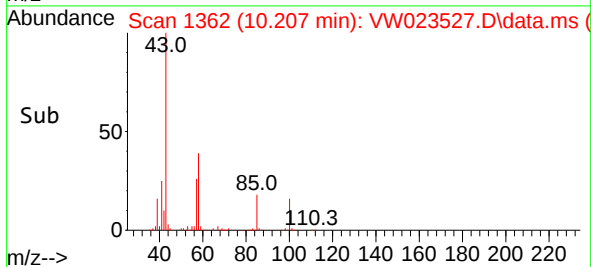
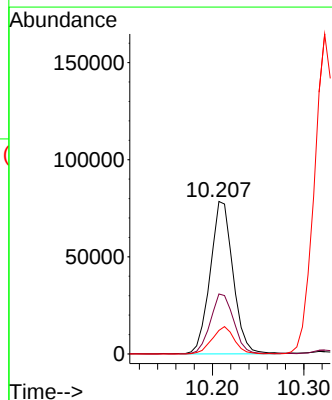
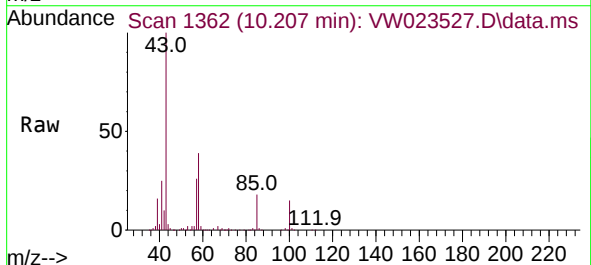
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

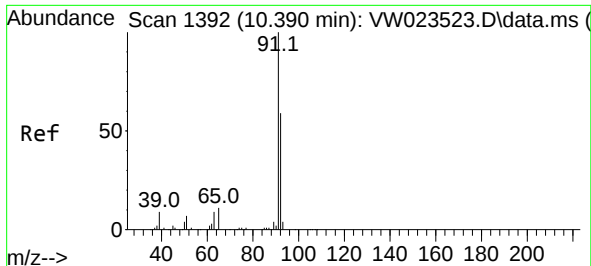
Tgt Ion: 75 Resp: 192386
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 49.771 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023527.D
 Acq: 28 Jun 2022 12:38

Tgt Ion: 43 Resp: 136289
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.1 46.7
 100 17.4 13.8 20.6

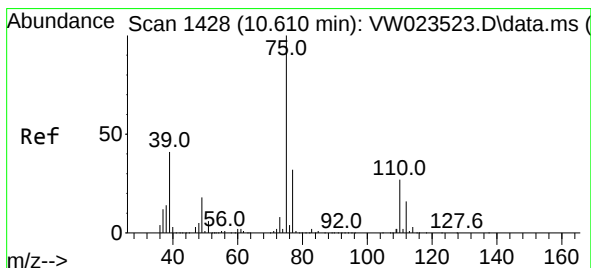
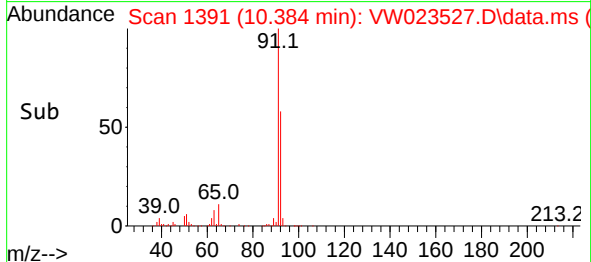
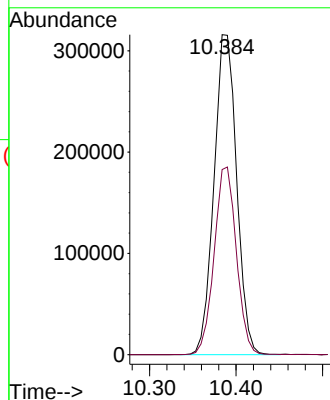
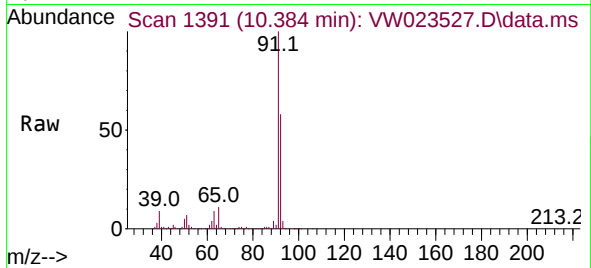




#42
Toluene
Concen: 25.454 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

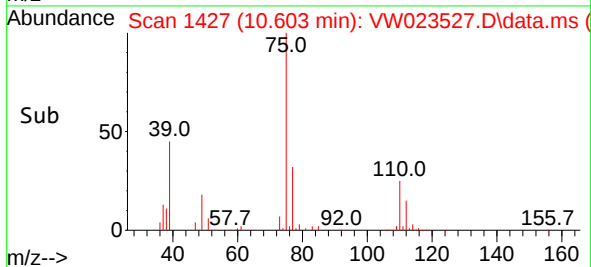
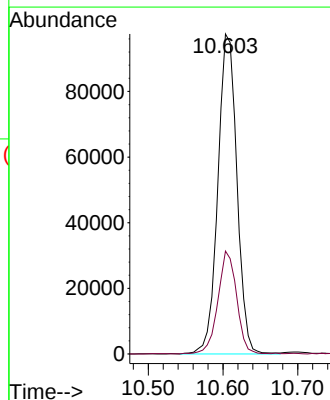
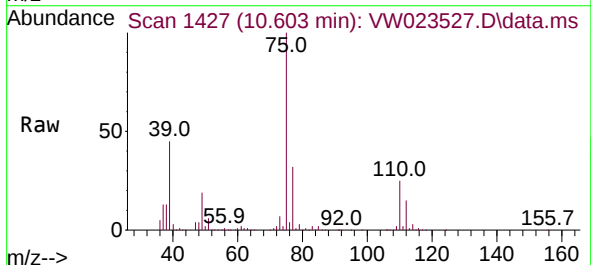
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

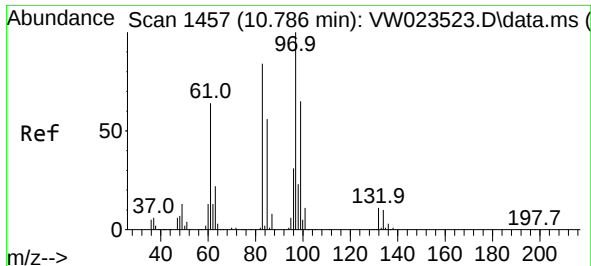
Tgt Ion: 91 Resp: 573859
Ion Ratio Lower Upper
91 100
92 57.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.222 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 75 Resp: 172961
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3

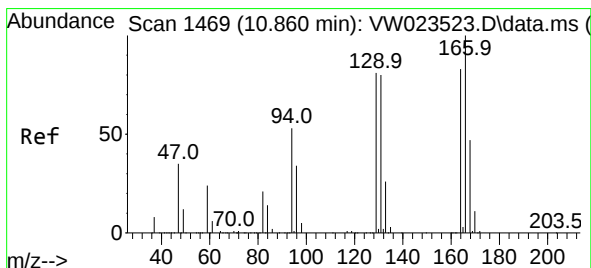
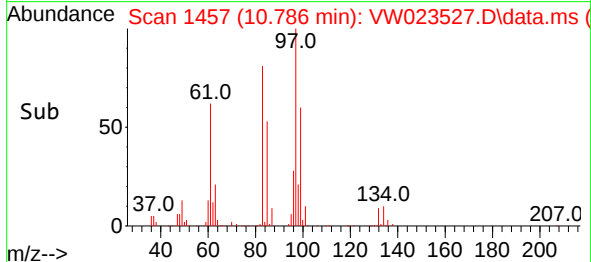
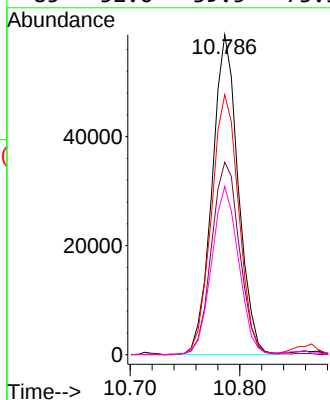
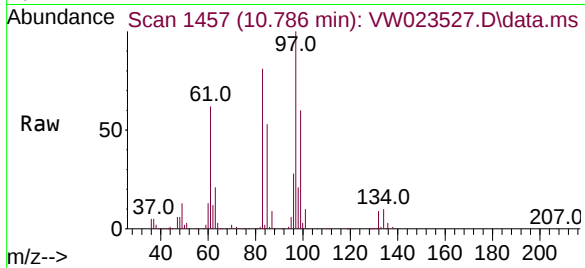




#45
1,1,2-Trichloroethane
Concen: 24.561 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

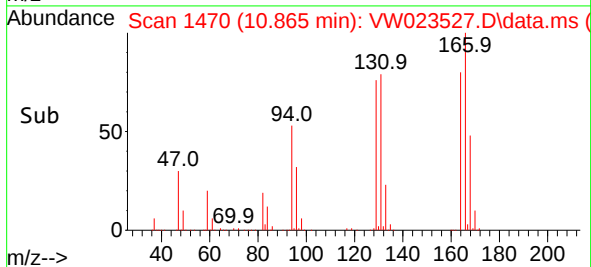
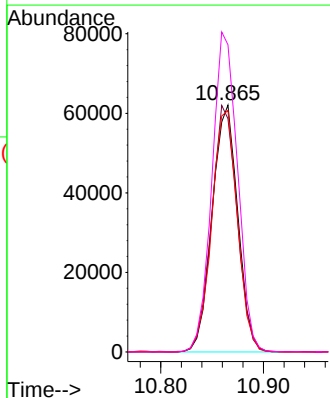
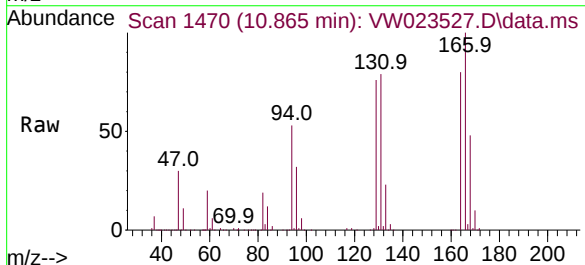
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

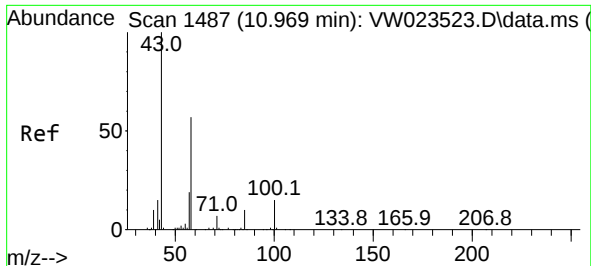
Tgt Ion:	97	Resp:	97526
Ion	Ratio	Lower	Upper
97	100		
99	60.2	45.3	84.1
83	81.3	58.9	109.5
85	52.6	39.5	73.3



#46
Tetrachloroethene
Concen: 24.123 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion:	164	Resp:	107498
Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.6	127.4
131	97.8	67.3	124.9
166	124.4	84.3	156.5

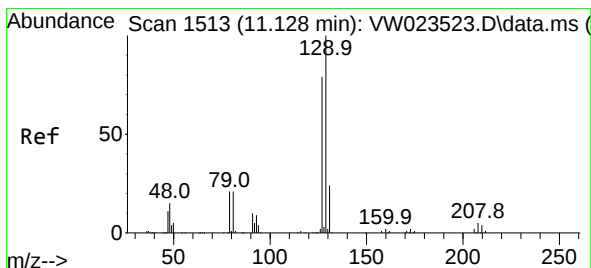
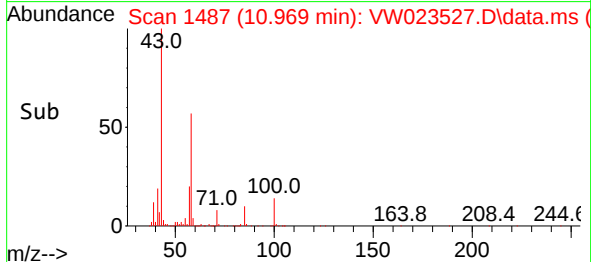
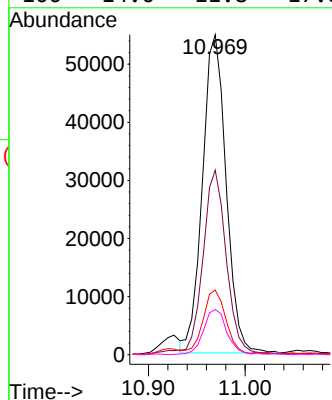
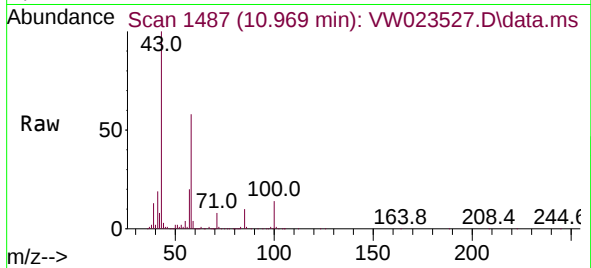




#48
2-Hexanone
Concen: 50.254 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

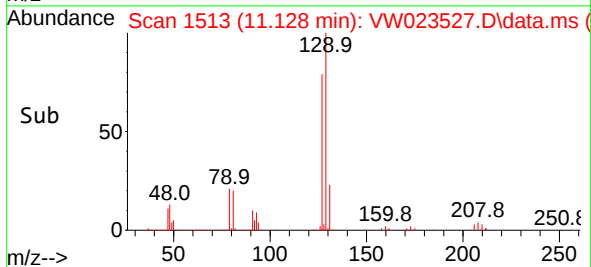
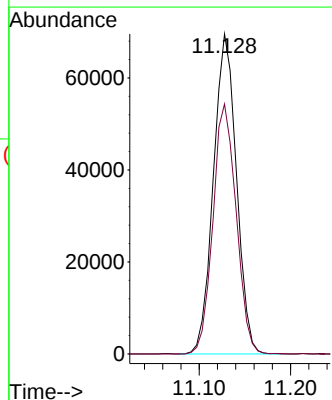
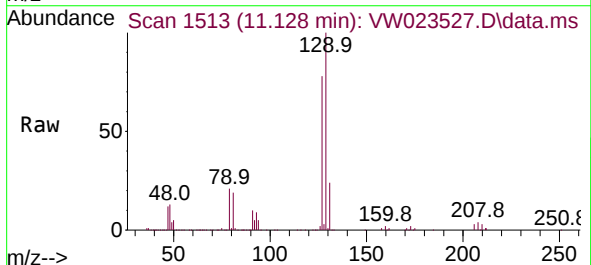
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

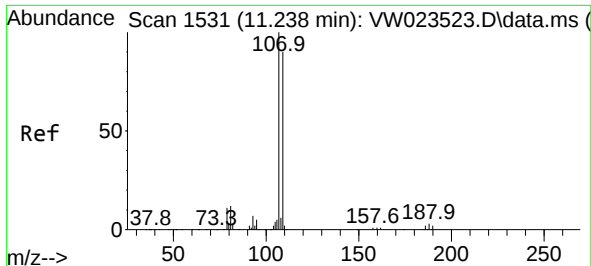
Tgt Ion:	43	Resp:	93332
Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.4	66.6
57	19.2	15.5	23.3
100	14.0	11.8	17.8



#49
Dibromochloromethane
Concen: 25.129 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion:	129	Resp:	121646
Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.4	103.0





#50

1,2-Dibromoethane

Concen: 25.095 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

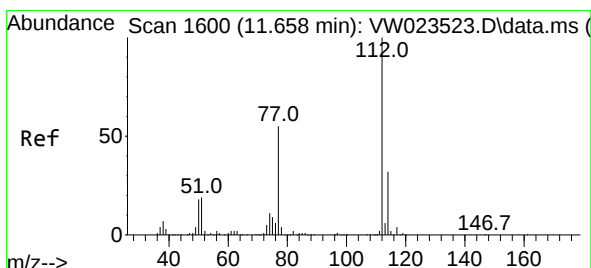
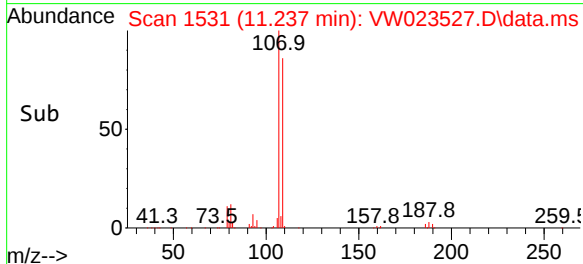
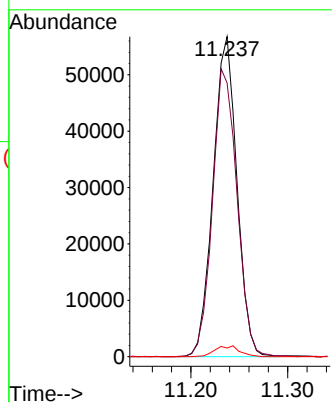
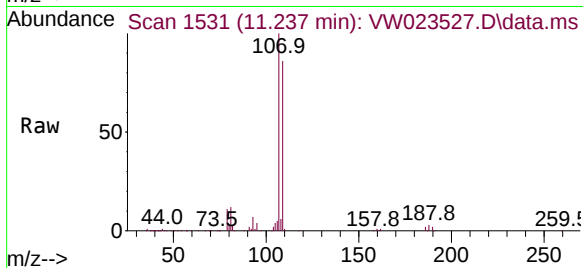
Tgt Ion:107 Resp: 96925

Ion Ratio Lower Upper

107 100

109 85.5 62.7 116.5

188 2.7 2.6 4.0



#51

Chlorobenzene

Concen: 24.910 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

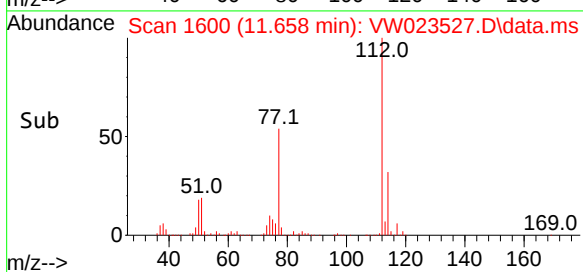
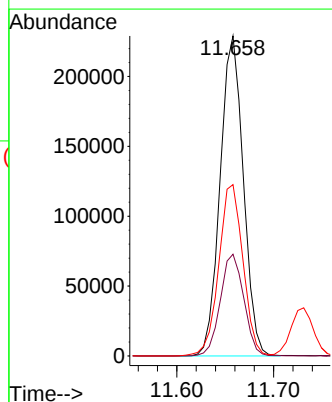
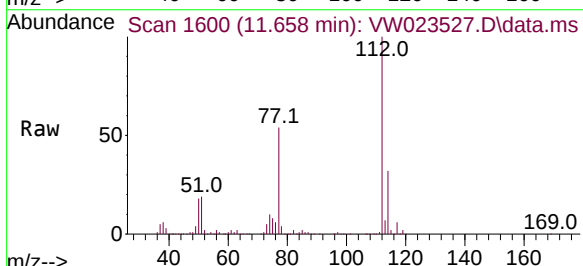
Tgt Ion:112 Resp: 381269

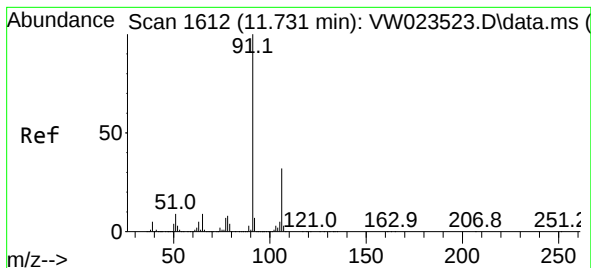
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 53.6 43.9 65.9

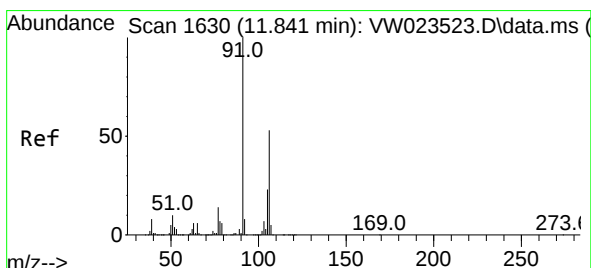
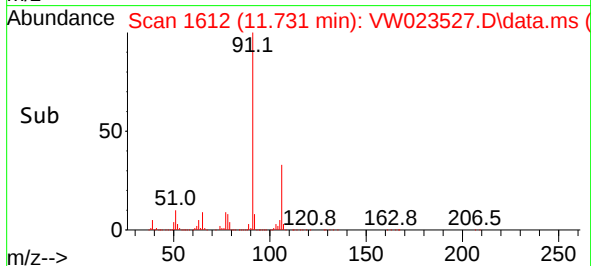
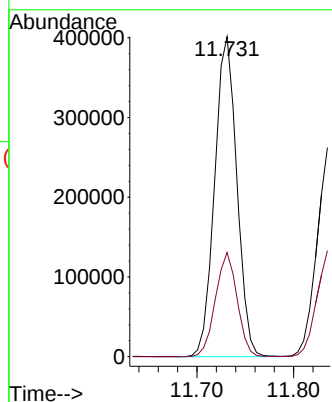
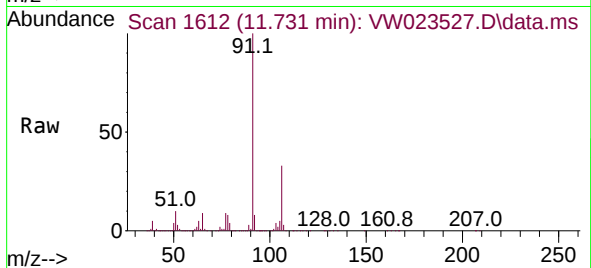




#52
Ethylbenzene
Concen: 25.468 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

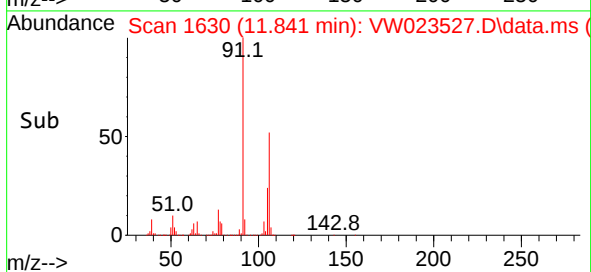
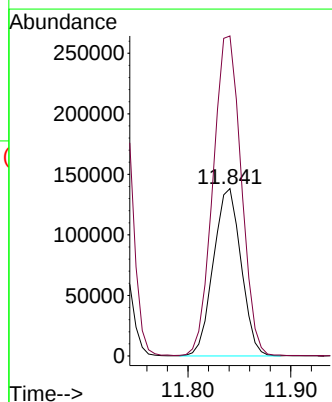
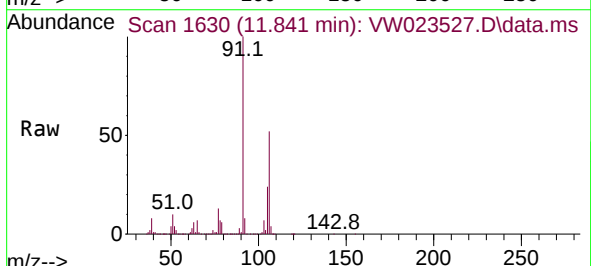
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

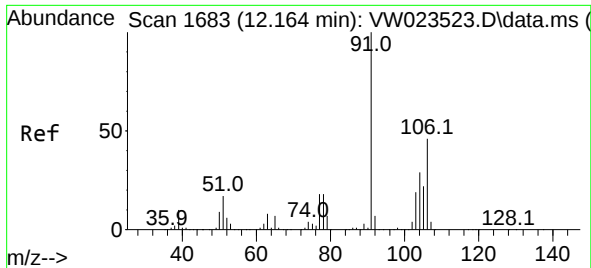
Tgt Ion: 91 Resp: 639573
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.1



#53
m,p-Xylene
Concen: 26.065 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 106 Resp: 258714
Ion Ratio Lower Upper
106 100
91 191.2 131.8 244.8

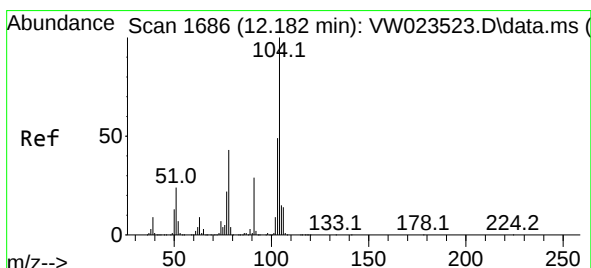
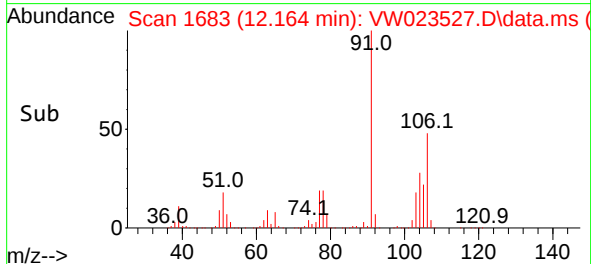
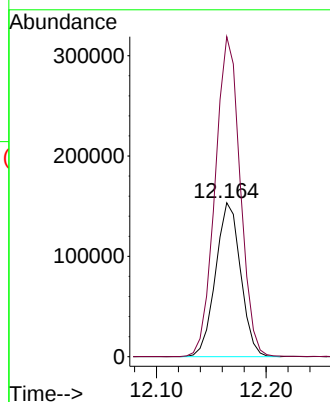
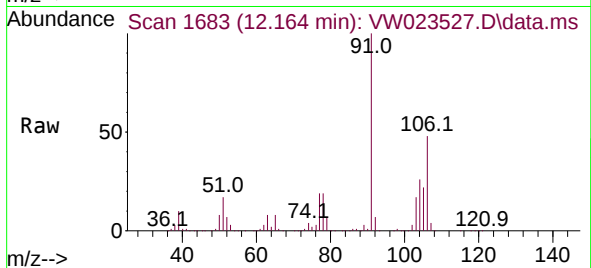




#54
o-Xylene
Concen: 26.395 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

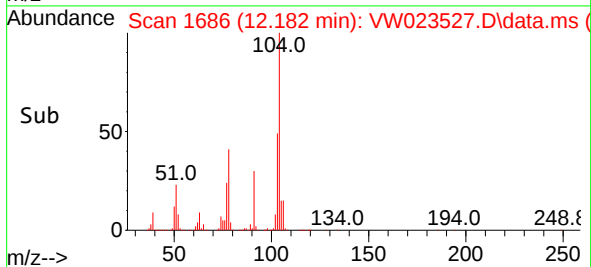
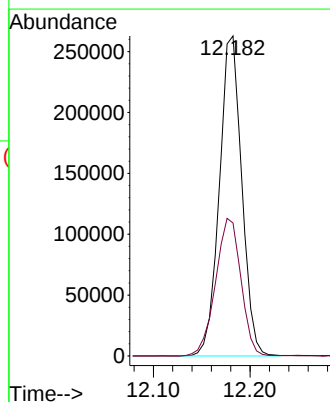
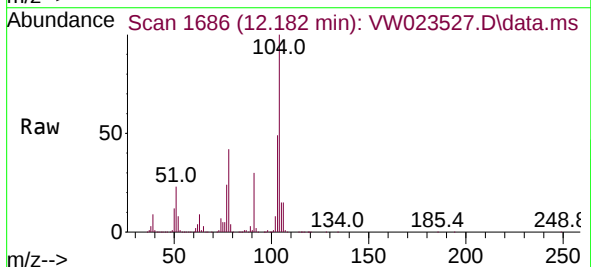
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

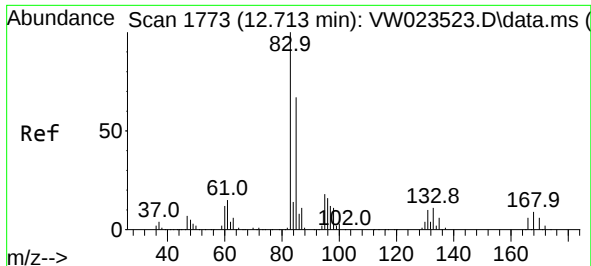
Tgt Ion:106 Resp: 243568
Ion Ratio Lower Upper
106 100
91 207.9 153.6 285.3



#55
Styrene
Concen: 26.402 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion:104 Resp: 421856
Ion Ratio Lower Upper
104 100
78 41.6 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.654 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

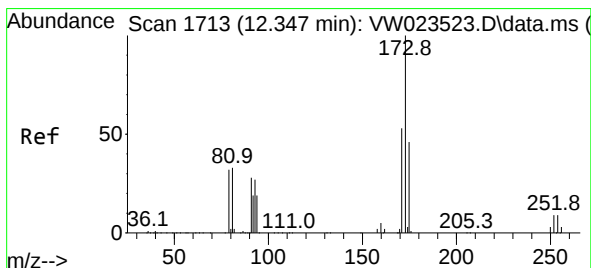
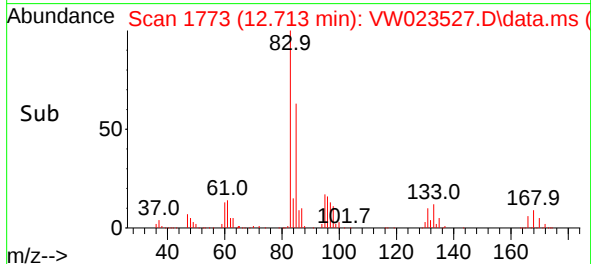
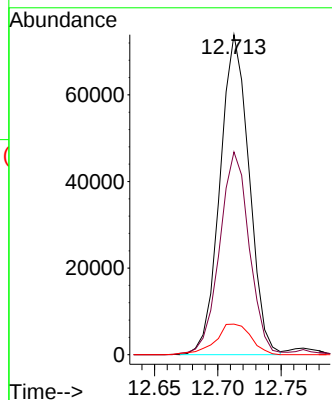
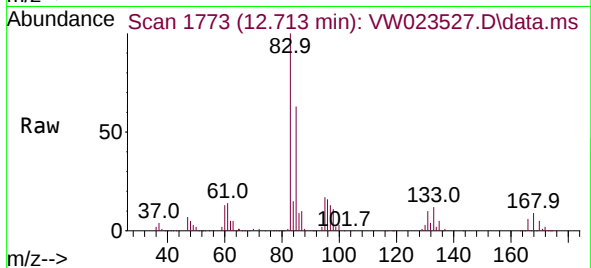
Tgt Ion: 83 Resp: 118109

Ion Ratio Lower Upper

83 100

85 63.4 46.8 87.0

131 9.6 8.1 12.1



#59

Bromoform

Concen: 25.632 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

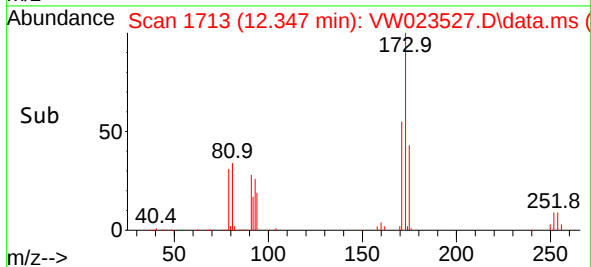
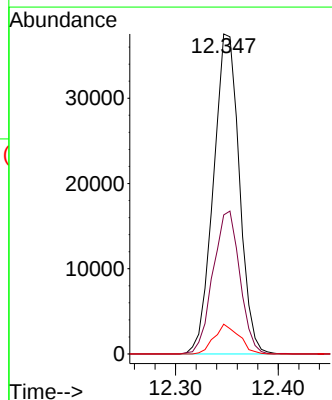
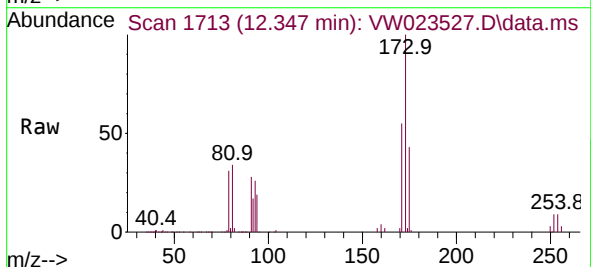
Tgt Ion: 173 Resp: 65698

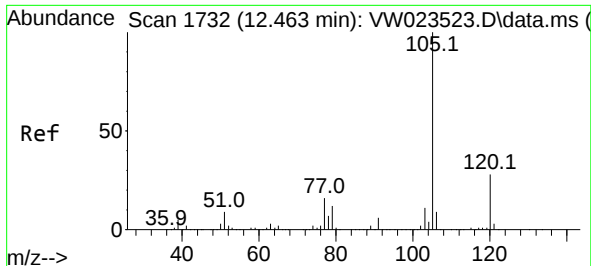
Ion Ratio Lower Upper

173 100

175 46.3 38.7 58.1

254 9.0 6.9 10.3

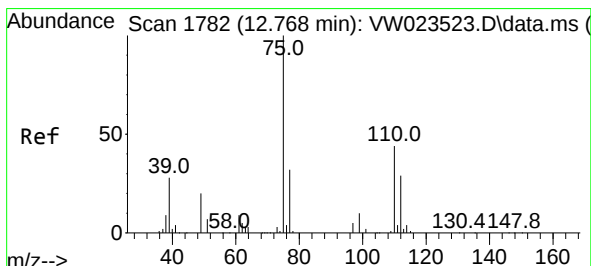
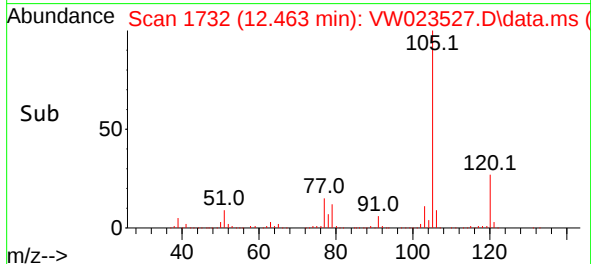
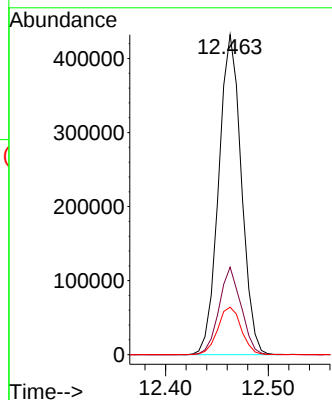
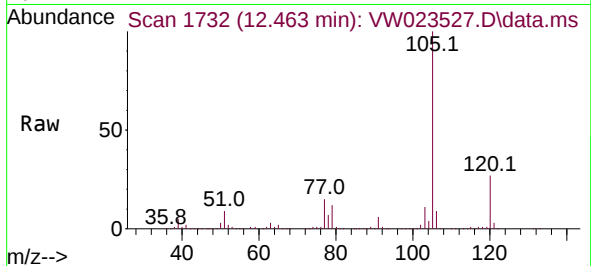




#60
Isopropylbenzene
Concen: 26.303 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

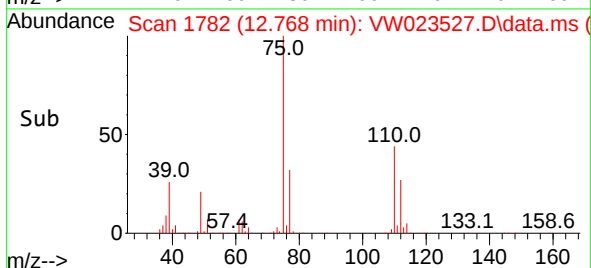
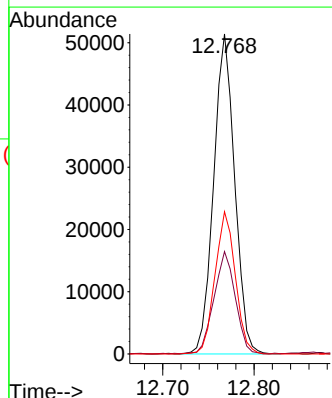
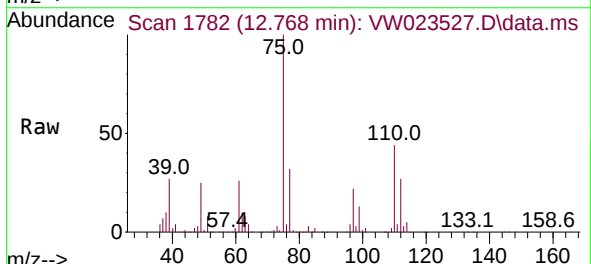
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

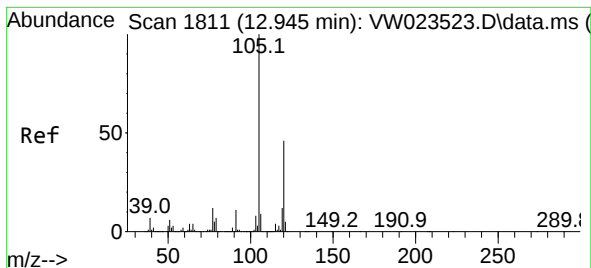
Tgt Ion:105 Resp: 662169
Ion Ratio Lower Upper
105 100
120 26.6 22.1 33.1
77 15.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 24.068 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion: 75 Resp: 82162
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.4
110 43.1 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 27.170 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

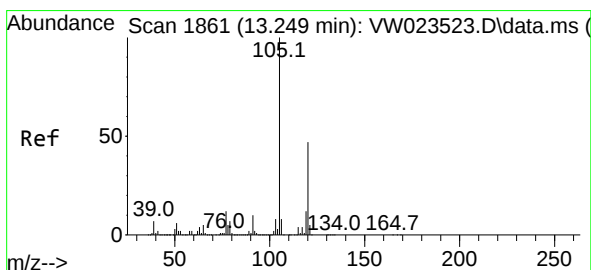
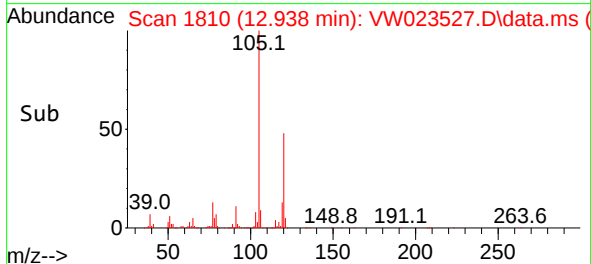
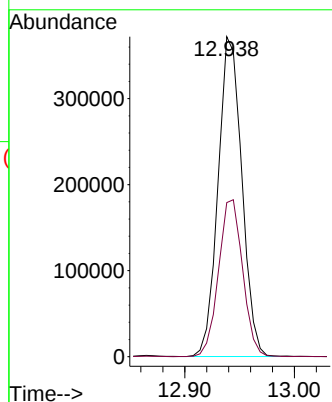
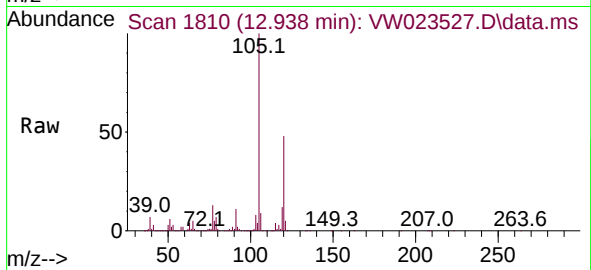
VSTD025582

Tgt Ion:105 Resp: 560655

Ion Ratio Lower Upper

105 100

120 49.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 27.202 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023527.D

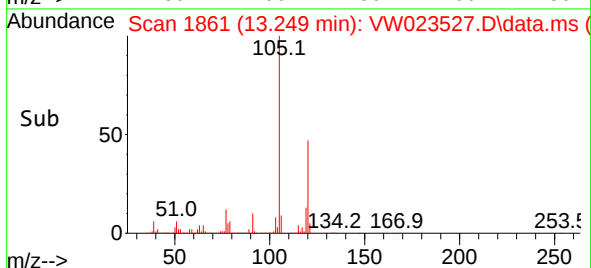
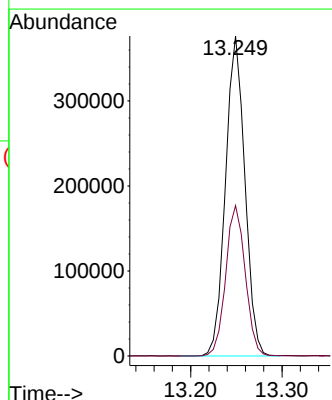
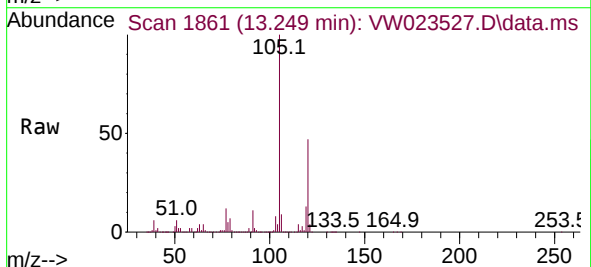
Acq: 28 Jun 2022 12:38

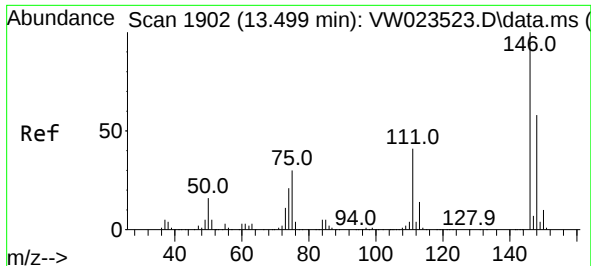
Tgt Ion:105 Resp: 553791

Ion Ratio Lower Upper

105 100

120 47.3 37.3 55.9

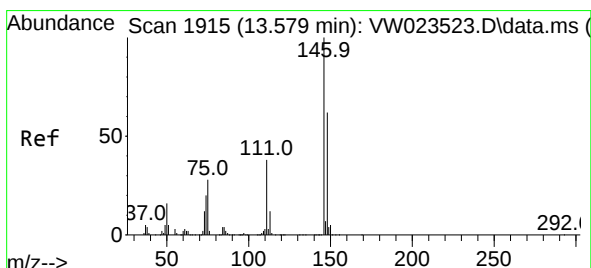
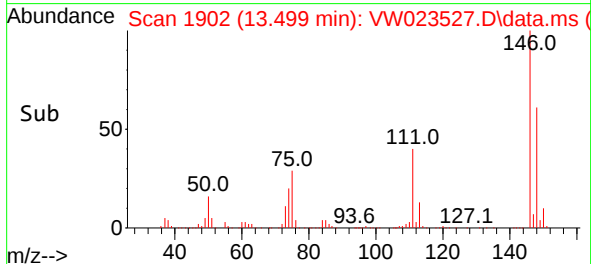
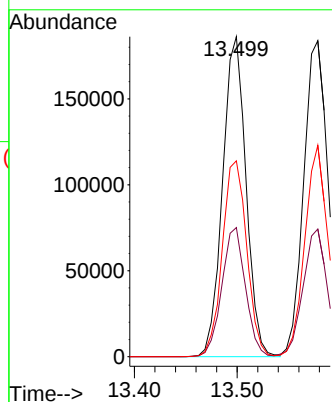
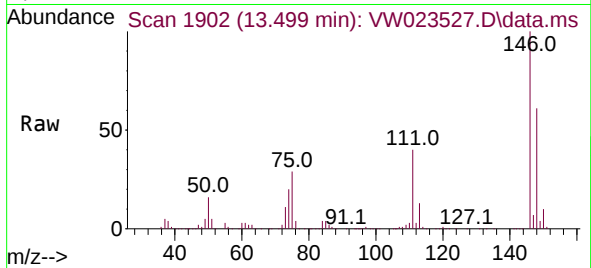




#64
1,3-Dichlorobenzene
Concen: 25.383 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

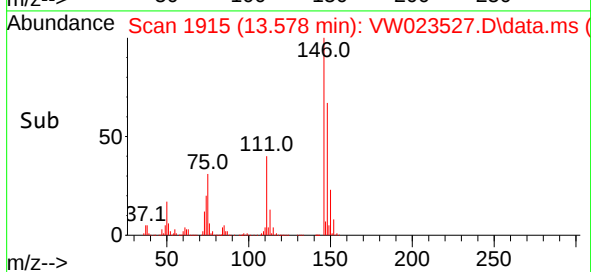
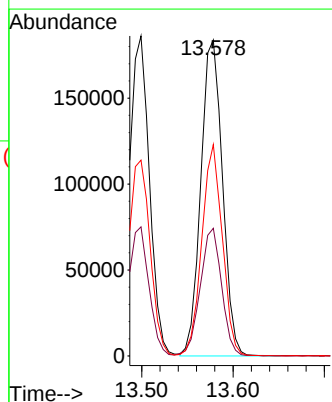
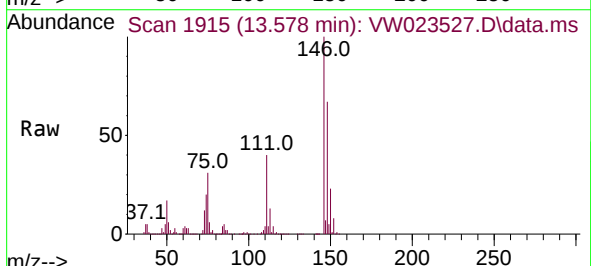
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

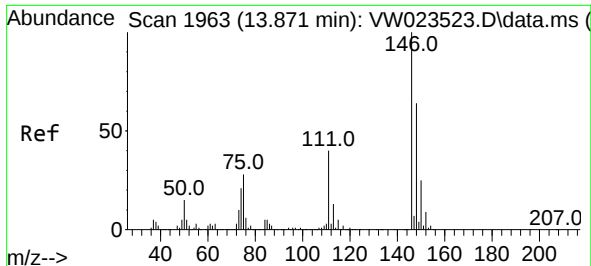
Tgt Ion:146 Resp: 294181
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 61.2 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 25.401 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023527.D
Acq: 28 Jun 2022 12:38

Tgt Ion:146 Resp: 302236
Ion Ratio Lower Upper
146 100
111 40.4 27.0 50.2
148 66.9 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.977 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

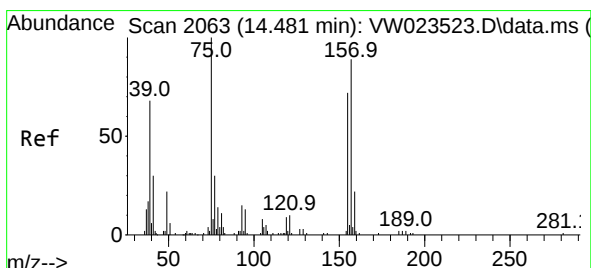
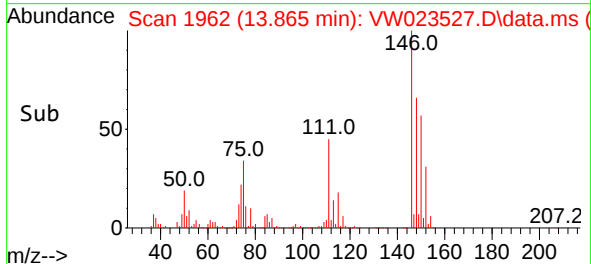
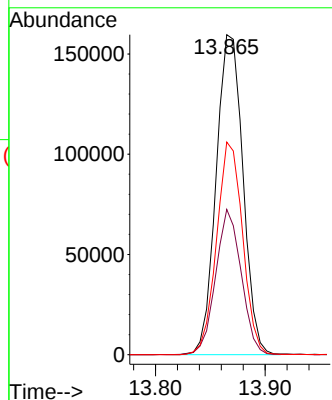
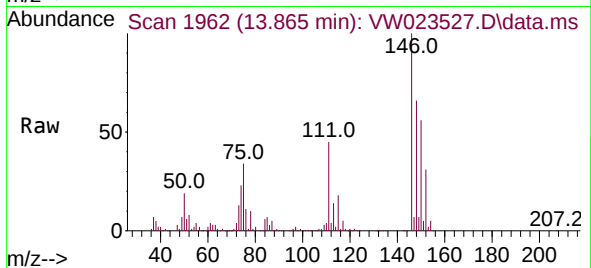
Tgt Ion:146 Resp: 271449

Ion Ratio Lower Upper

146 100

111 45.4 31.7 47.5

148 66.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.904 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

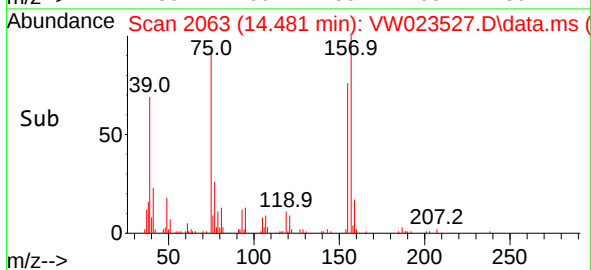
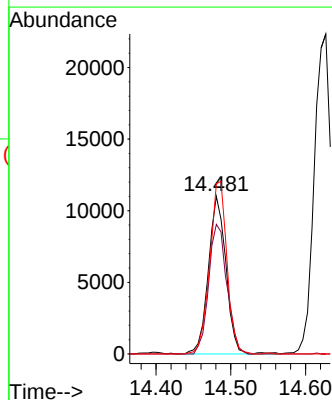
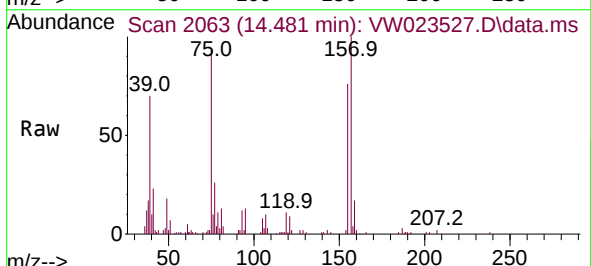
Tgt Ion: 75 Resp: 17952

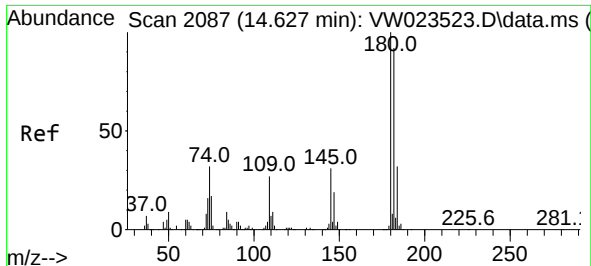
Ion Ratio Lower Upper

75 100

155 82.2 57.5 86.3

157 108.0 71.4 107.2#





#69

1,3,5-Trichlorobenzene

Concen: 27.187 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion:180 Resp: 206392

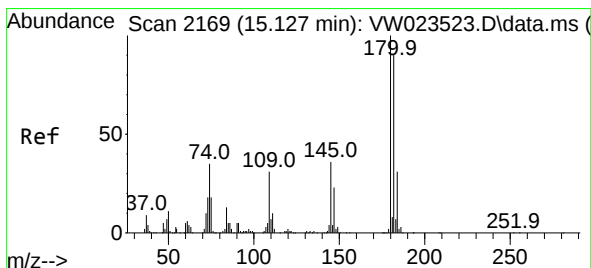
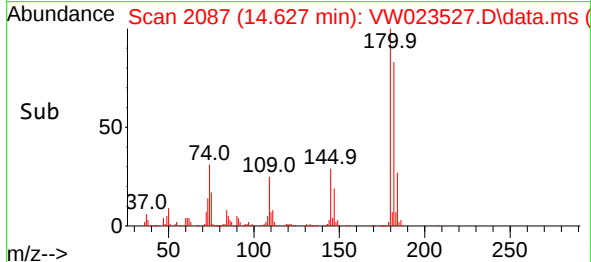
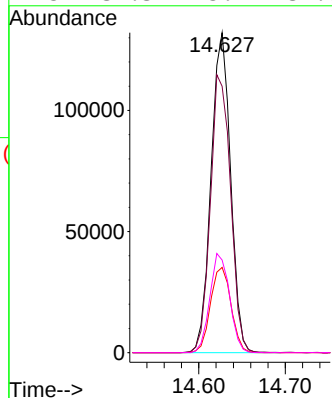
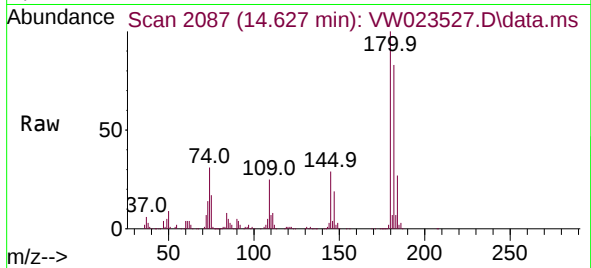
Ion Ratio Lower Upper

180 100

182 90.0 75.8 113.8

184 28.1 23.9 35.9

145 31.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 27.130 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

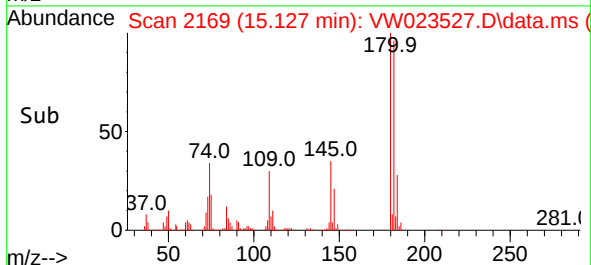
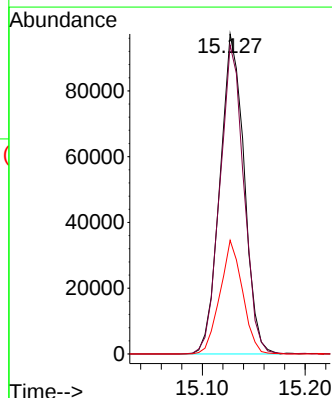
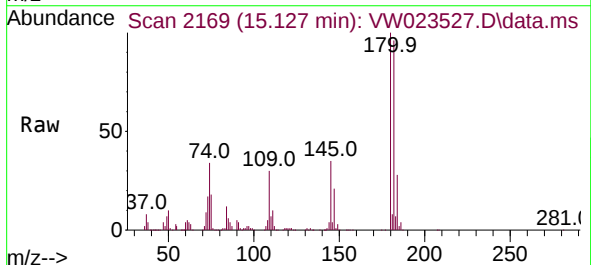
Tgt Ion:180 Resp: 158934

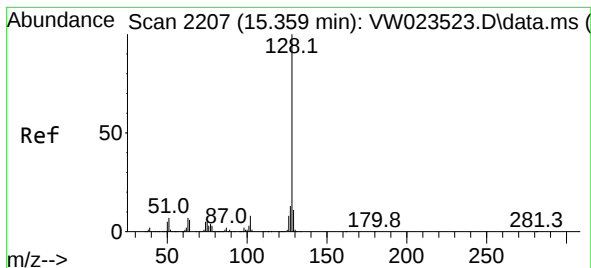
Ion Ratio Lower Upper

180 100

182 95.5 72.3 108.5

145 33.2 26.6 40.0





#71

Naphthalene

Concen: 28.432 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

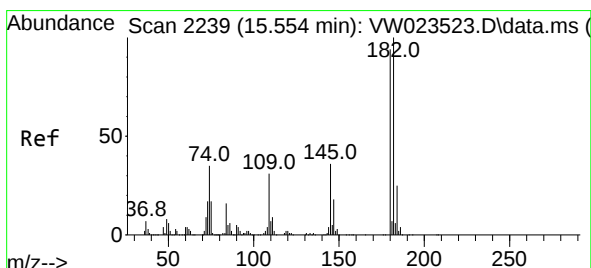
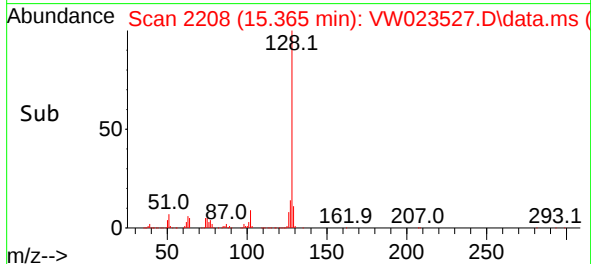
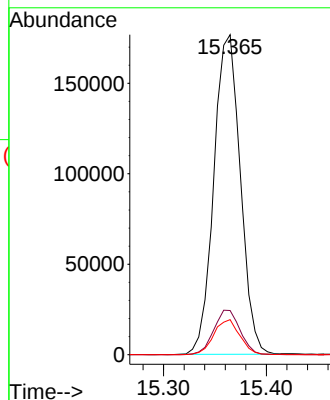
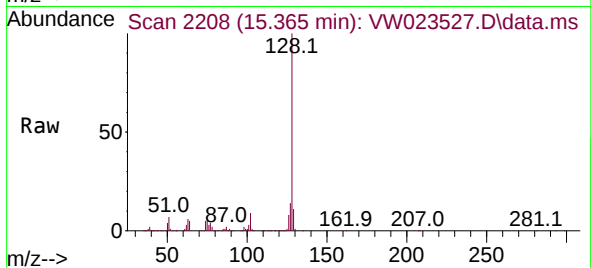
Tgt Ion:128 Resp: 315993

Ion Ratio Lower Upper

128 100

127 13.9 10.9 16.3

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.235 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023527.D

Acq: 28 Jun 2022 12:38

Tgt Ion:180 Resp: 142990

Ion Ratio Lower Upper

180 100

182 95.3 78.7 118.1

145 35.0 30.2 45.2

