

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024669.D
 Acq On : 29 Sep 2022 10:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Sep 30 02:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	550822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	485073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157965	27.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.640%	
7) Chloroethane-d5	2.885	69	88346	26.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.520%	
11) 1,1-Dichloroethene-d2	4.019	63	346978	26.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.040%	
21) 2-Butanone-d5	7.079	46	108178	52.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.420%	
24) Chloroform-d	7.646	84	377765	25.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.600%	
26) 1,2-Dichloroethane-d4	8.305	65	191477	25.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.280%	
32) Benzene-d6	8.274	84	766343	24.717	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.880%	
36) 1,2-Dichloropropane-d6	9.274	67	233569	24.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.640%	
41) Toluene-d8	10.323	98	689853	24.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.560%	
43) trans-1,3-Dichloroprop...	10.579	79	102254	24.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.960%	
47) 2-Hexanone-d5	10.920	63	85021	52.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.920%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	174186	25.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.240%	
66) 1,2-Dichlorobenzene-d4	13.847	152	207088	24.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	71862	21.250	ug/L	# 87
3) Chloromethane	2.214	50	144723	21.976	ug/L	99
5) Vinyl chloride	2.367	62	209212	30.898	ug/L	99
6) Bromomethane	2.781	94	93564	29.941	ug/L	97
8) Chloroethane	2.922	64	80142	28.074	ug/L	100
9) Trichlorofluoromethane	3.257	101	98388	25.973	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	201185	27.846	ug/L	# 79
12) 1,1-Dichloroethene	4.043	96	197772	27.446	ug/L	96
13) Acetone	4.129	43	84582	55.951	ug/L	94
14) Carbon disulfide	4.391	76	650678	28.604	ug/L	100
15) Methyl Acetate	4.671	43	93787	28.018	ug/L	98
16) Methylene chloride	4.921	84	299343	27.672	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	220751	27.265	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	337870	26.320	ug/L	99
19) 1,1-Dichloroethane	6.214	63	404132	26.680	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	231983	26.704	ug/L	94
22) 2-Butanone	7.171	43	132658	54.863	ug/L	99
23) Bromochloromethane	7.512	128	94117	26.657	ug/L	97
25) Chloroform	7.677	83	387508	26.978	ug/L	97

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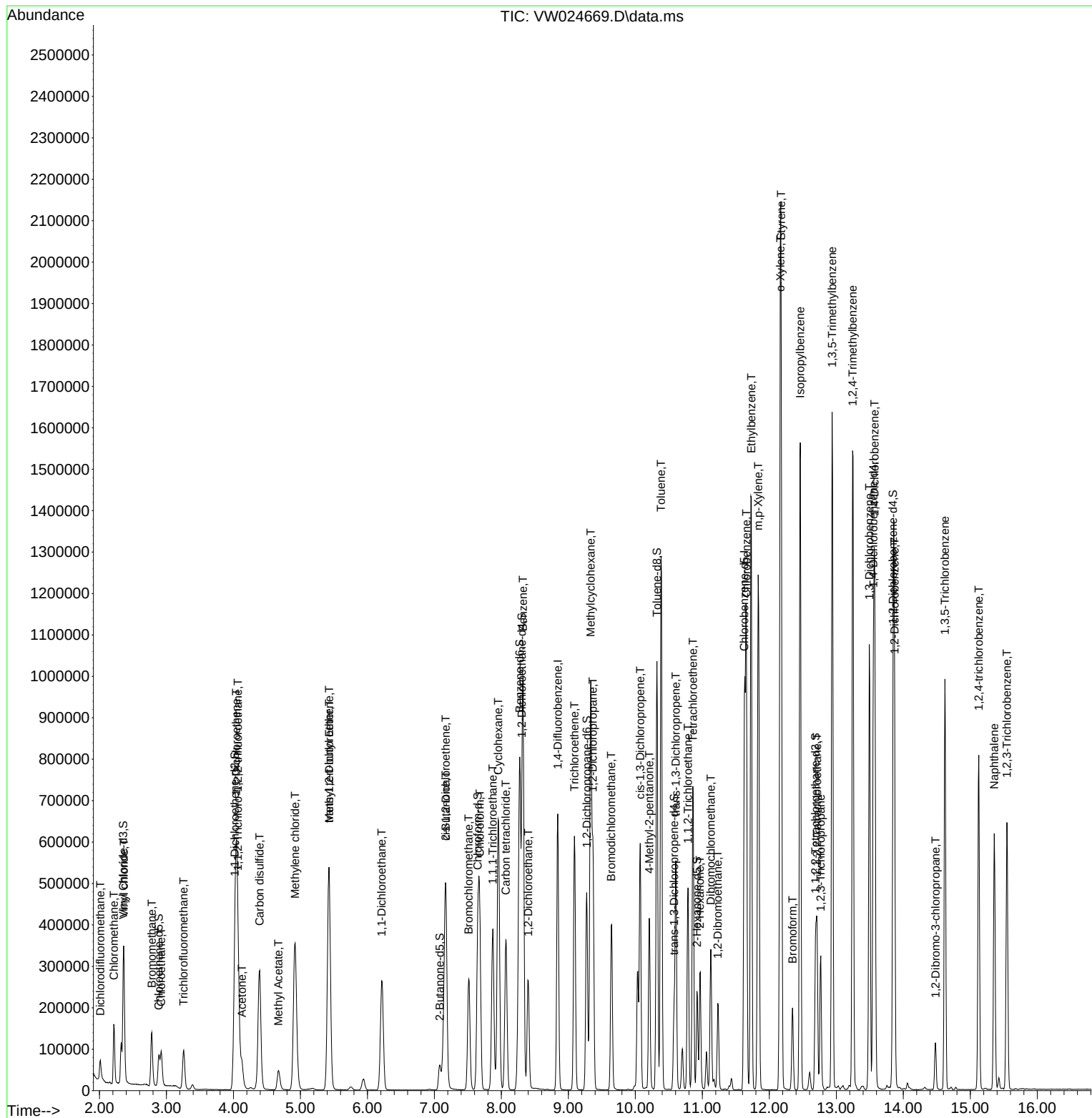
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	245265	27.136	ug/L	100
29) Cyclohexane	7.951	56	395327	26.166	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	318044	27.096	ug/L	99
31) Carbon tetrachloride	8.067	117	277716	27.940	ug/L	99
33) Benzene	8.323	78	900766	26.531	ug/L	100
34) Trichloroethene	9.091	95	225446	26.199	ug/L	96
35) Methylcyclohexane	9.335	83	414755	26.293	ug/L	99
37) 1,2-Dichloropropane	9.366	63	224577	26.794	ug/L	100
38) Bromodichloromethane	9.640	83	279325	27.092	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	355676	26.835	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	270249	54.473	ug/L	99
42) Toluene	10.384	91	945320	26.963	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	300889	26.478	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	155289	27.125	ug/L	96
46) Tetrachloroethene	10.859	164	157637	26.961	ug/L	92
48) 2-Hexanone	10.963	43	186410	55.566	ug/L	98
49) Dibromochloromethane	11.128	129	177030	27.461	ug/L	97
50) 1,2-Dibromoethane	11.231	107	147040	27.135	ug/L	96
51) Chlorobenzene	11.658	112	571782	26.636	ug/L	98
52) Ethylbenzene	11.731	91	1042299	26.990	ug/L	100
53) m,p-Xylene	11.835	106	400312	26.546	ug/L	95
54) o-Xylene	12.164	106	387229	27.192	ug/L	97
55) Styrene	12.176	104	653582	27.225	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	188012	28.048	ug/L	99
59) Bromoform	12.347	173	86254	25.592	ug/L	96
60) Isopropylbenzene	12.463	105	1038141	26.715	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	135990	26.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	876858	25.961	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	870980	26.323	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	410361	25.993	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	420206	27.342	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	367346	26.714	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	31212	25.698	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	275687	26.300	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	235588	26.752	ug/L	98
71) Naphthalene	15.358	128	520775	27.160	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	197643	26.371	ug/L	98

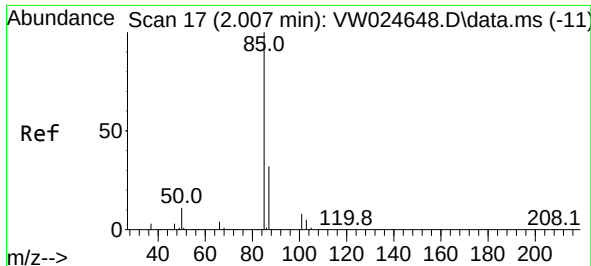
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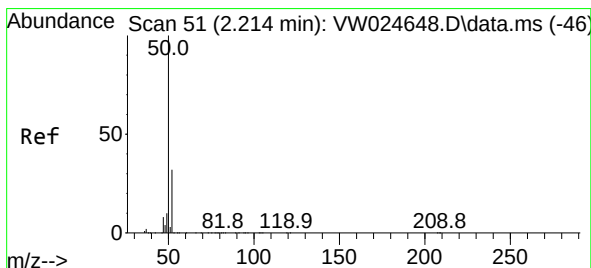
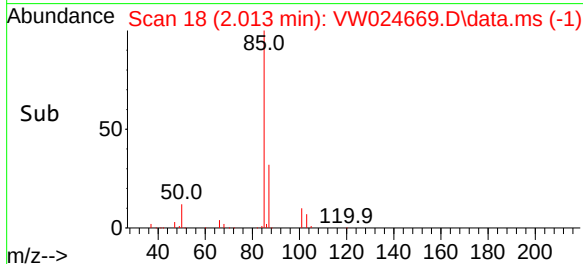
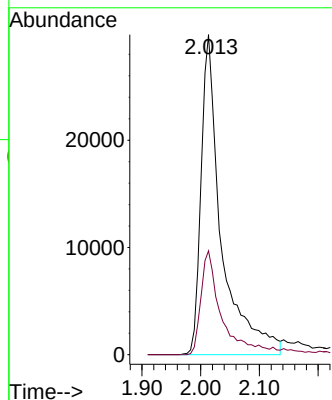
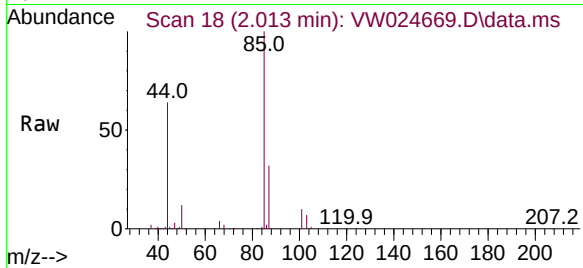




#2
 Dichlorodifluoromethane
 Concen: 21.250 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

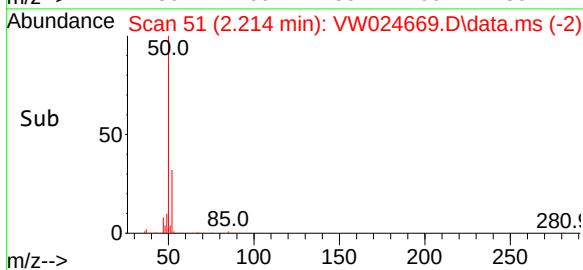
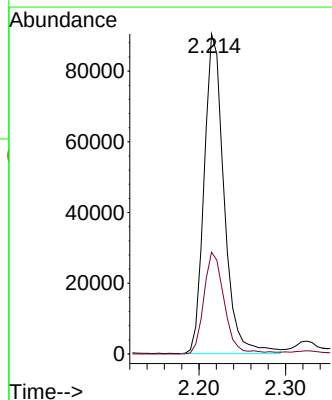
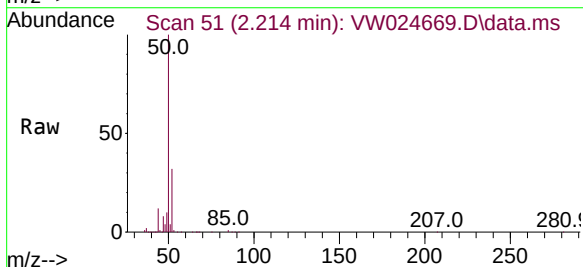
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 ClientSampleId :
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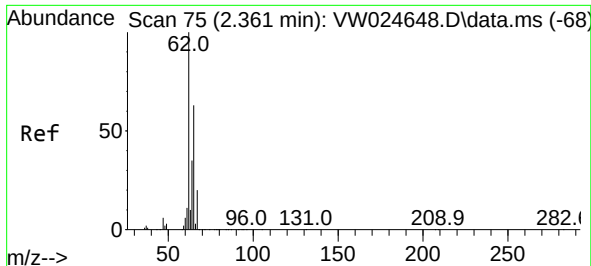
Tgt Ion: 85 Resp: 71862
 Ion Ratio Lower Upper
 85 100
 87 28.4 28.8 43.2#



#3
 Chloromethane
 Concen: 21.976 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

Tgt Ion: 50 Resp: 144723
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.7 40.3

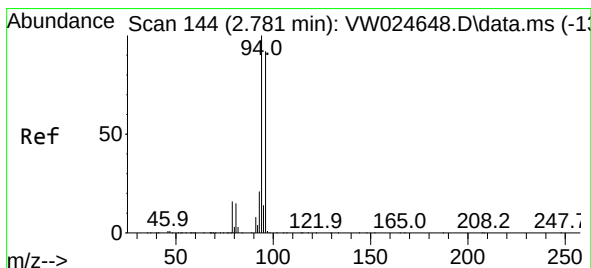
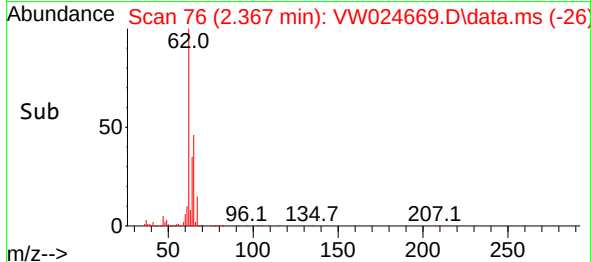
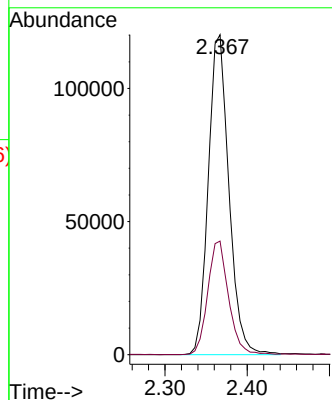
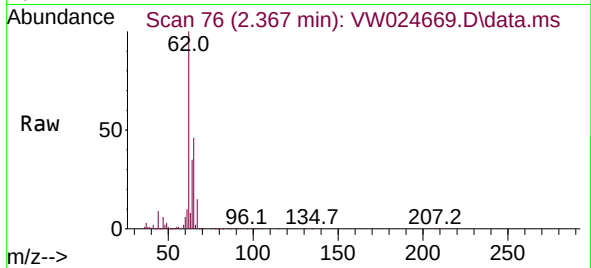




#5
 Vinyl chloride
 Concen: 30.898 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

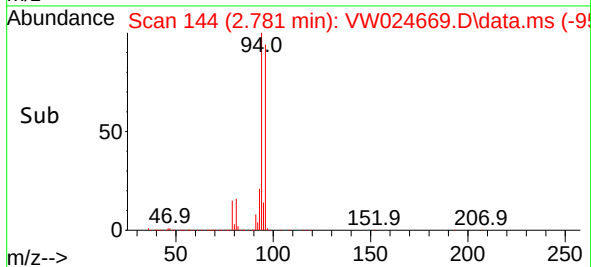
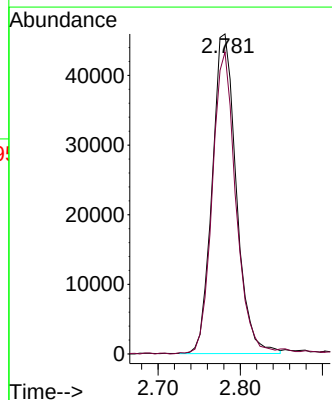
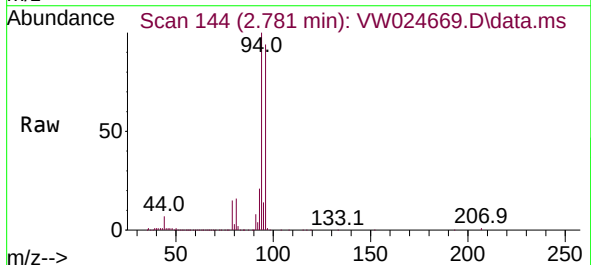
Instrument :
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 ClientSampleId :
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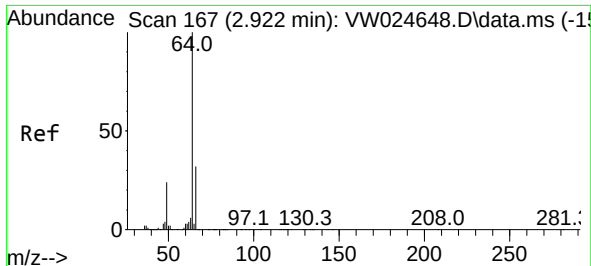
Tgt Ion: 62 Resp: 209212
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 29.941 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

Tgt Ion: 94 Resp: 93564
 Ion Ratio Lower Upper
 94 100
 96 94.4 68.0 126.2

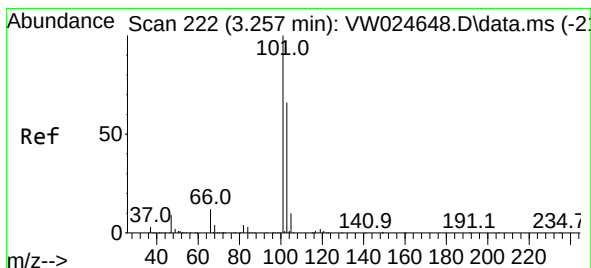
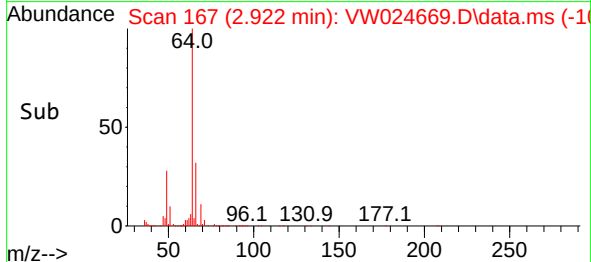
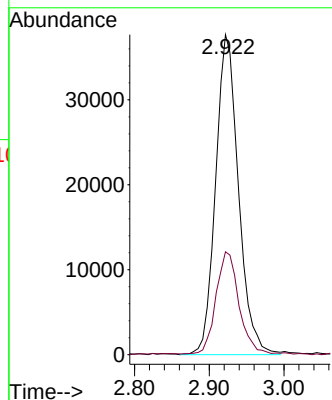
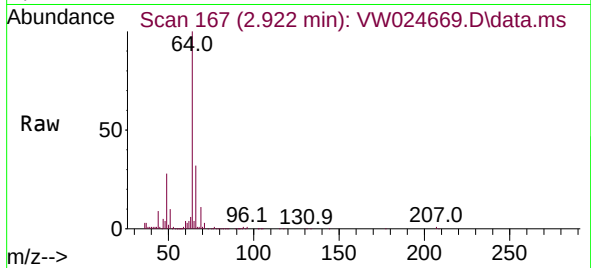




#8
Chloroethane
Concen: 28.074 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

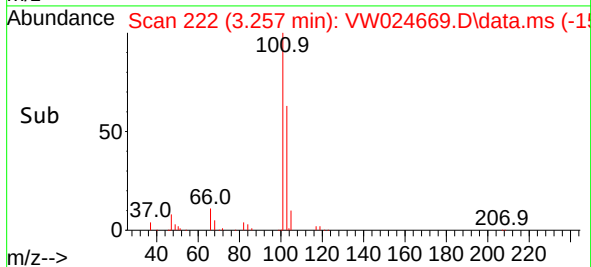
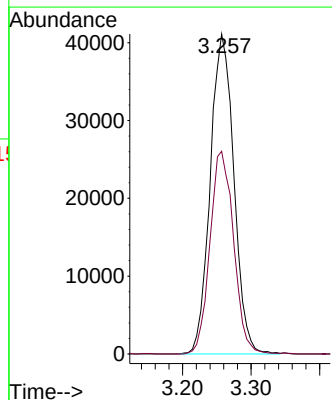
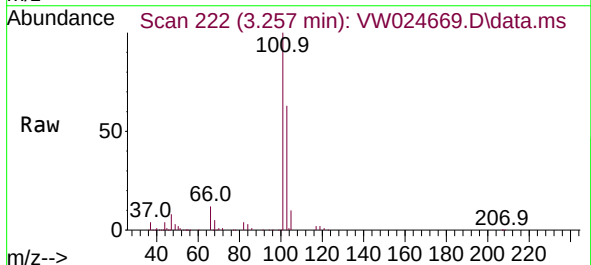
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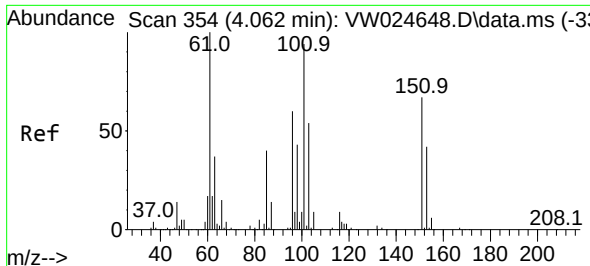
Tgt Ion: 64 Resp: 80142
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.973 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion: 101 Resp: 98388
Ion Ratio Lower Upper
101 100
103 63.3 53.4 80.2

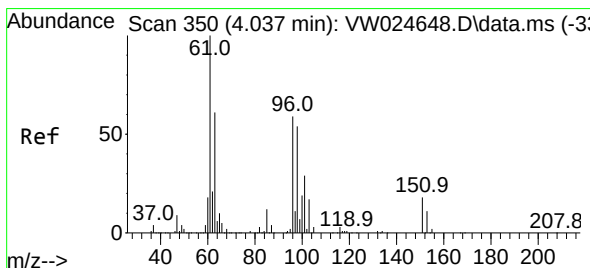
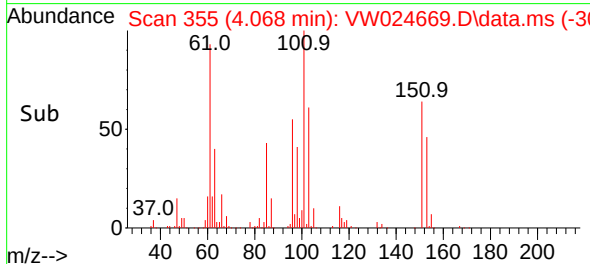
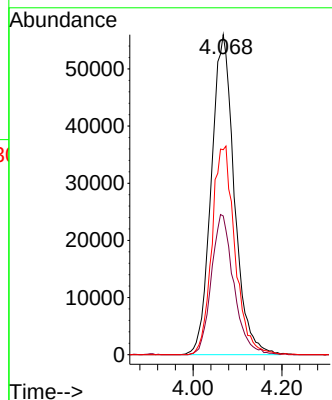
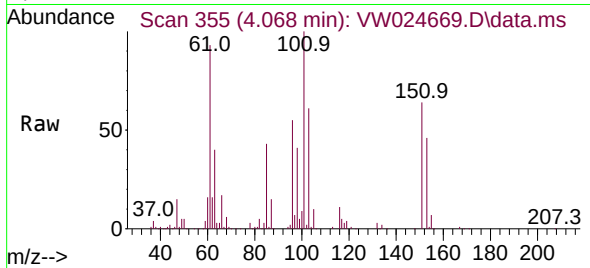




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.846 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW024669.D
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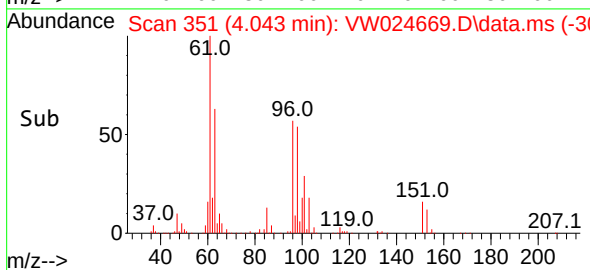
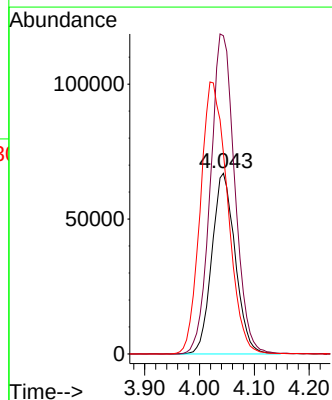
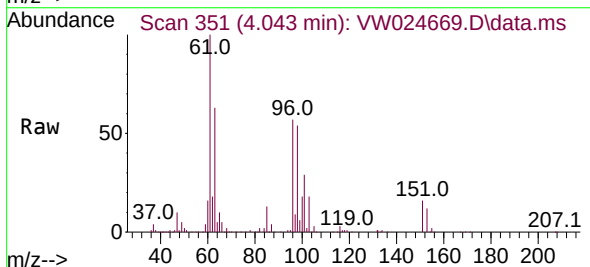
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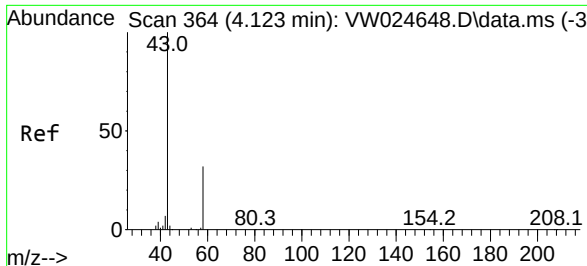
Tgt Ion: 101 Resp: 201185
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.9 52.3
 151 65.2 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 27.446 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

Tgt Ion: 96 Resp: 197772
 Ion Ratio Lower Upper
 96 100
 61 176.1 124.5 231.1
 63 111.3 84.1 156.1

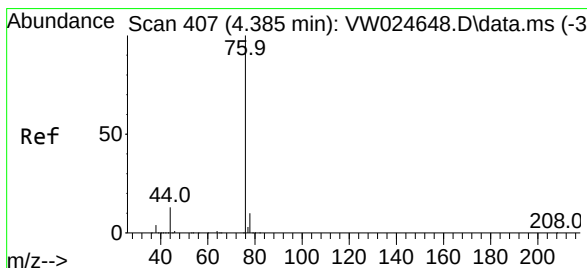
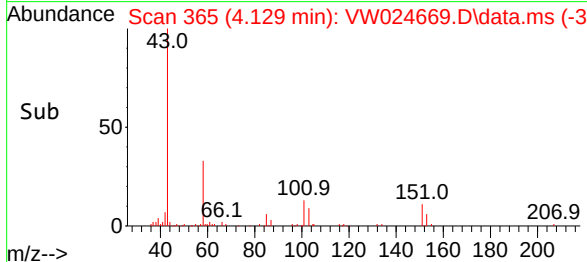
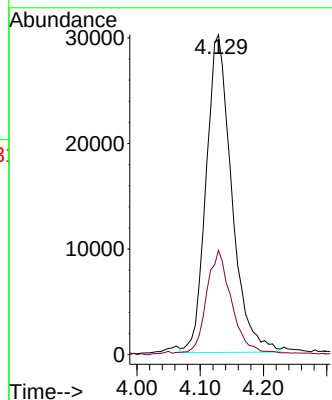
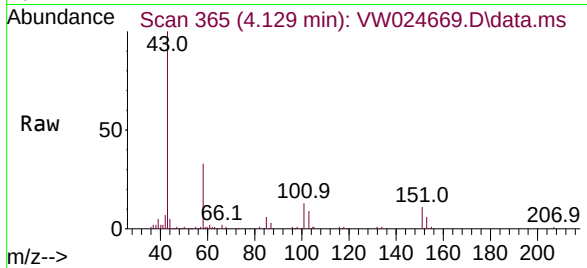




#13
Acetone
Concen: 55.951 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

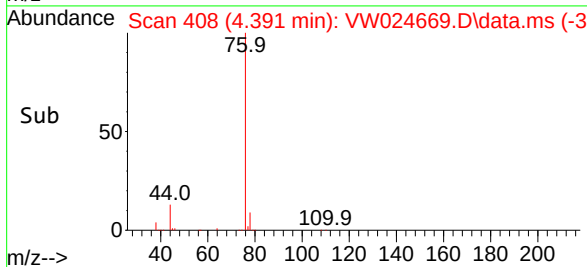
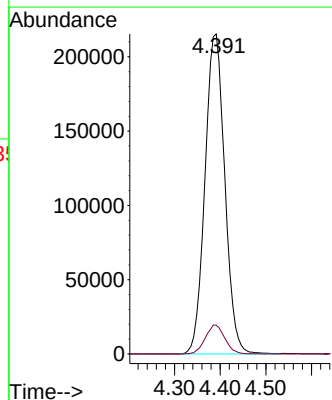
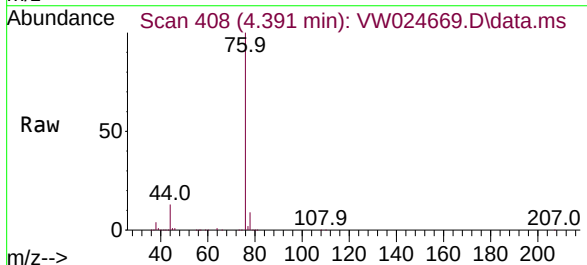
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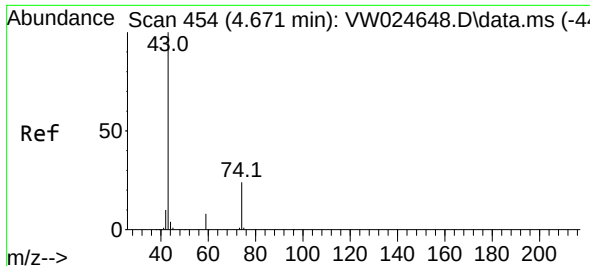
Tgt Ion: 43 Resp: 84582
Ion Ratio Lower Upper
43 100
58 30.3 0.0 67.6



#14
Carbon disulfide
Concen: 28.604 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 650678
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

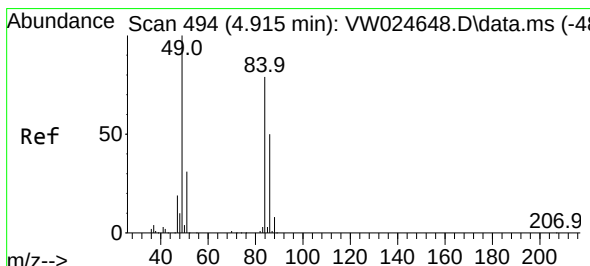
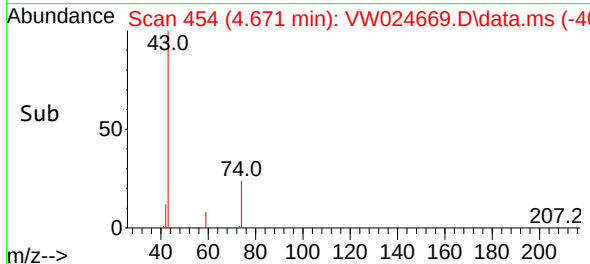
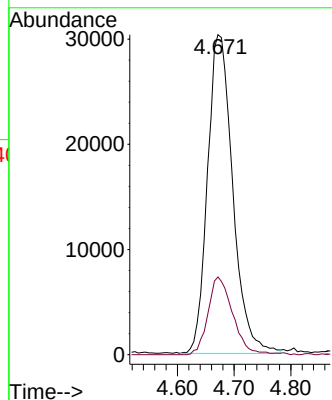
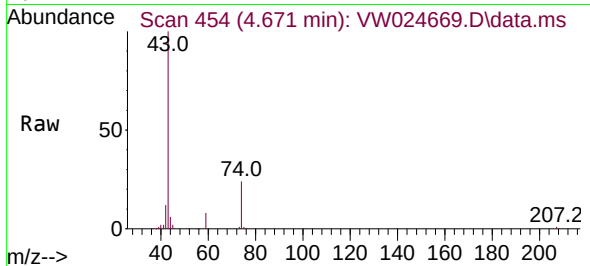




#15
Methyl Acetate
Concen: 28.018 ug/L
RT: 4.671 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

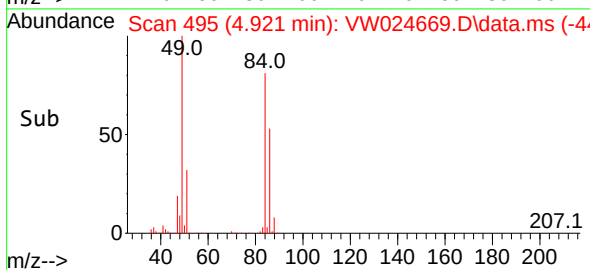
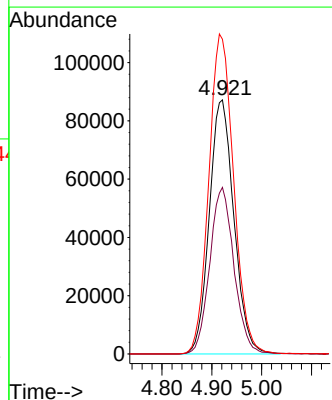
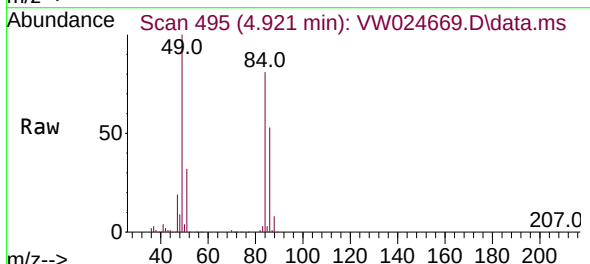
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

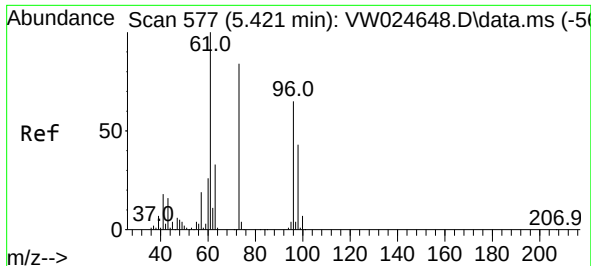
Tgt Ion: 43 Resp: 93787
Ion Ratio Lower Upper
43 100
74 23.5 18.1 27.1



#16
Methylene chloride
Concen: 27.672 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion: 84 Resp: 299343
Ion Ratio Lower Upper
84 100
86 65.6 44.0 81.8
49 123.9 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 27.265 ug/L

RT: 5.427 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

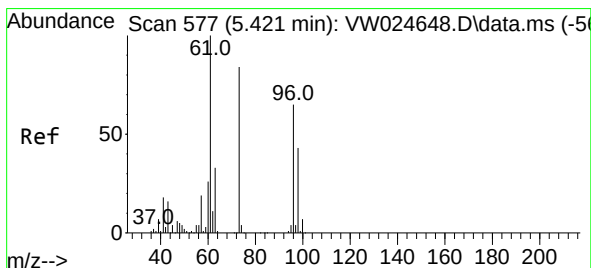
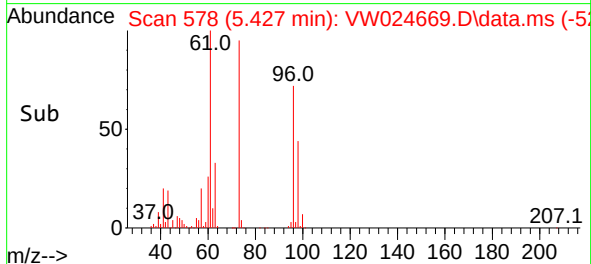
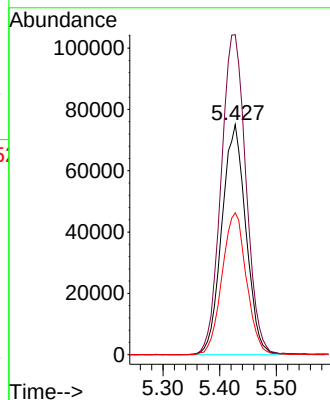
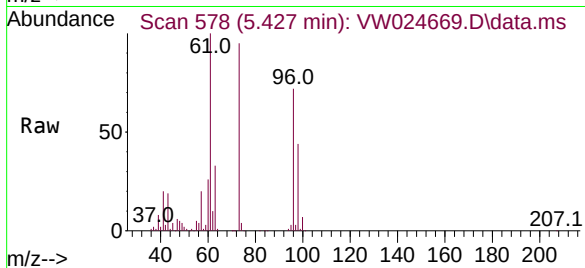
Tgt Ion: 96 Resp: 220751

Ion Ratio Lower Upper

96 100

61 139.1 106.3 197.5

98 61.7 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 26.320 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

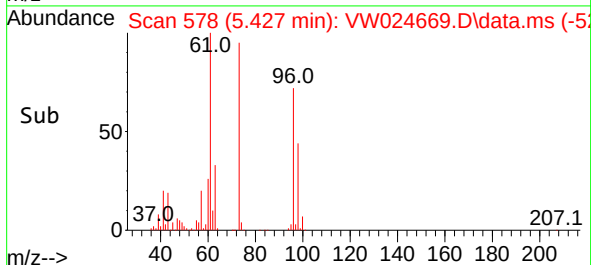
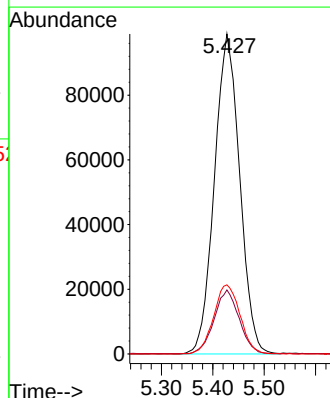
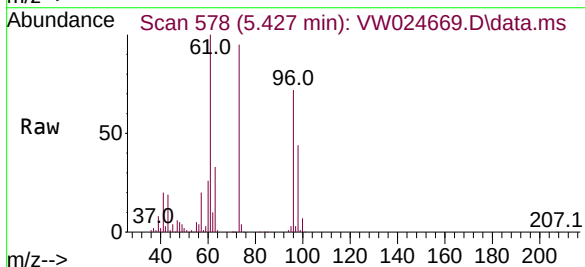
Tgt Ion: 73 Resp: 337870

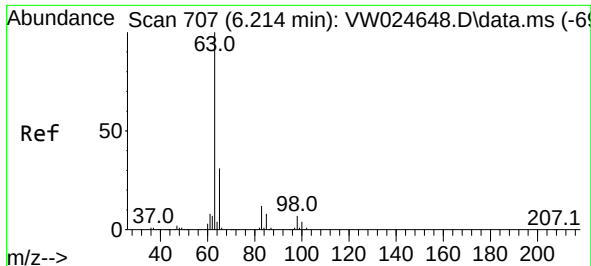
Ion Ratio Lower Upper

73 100

43 19.8 15.6 23.4

57 22.5 18.3 27.5





#19

1,1-Dichloroethane

Concen: 26.680 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

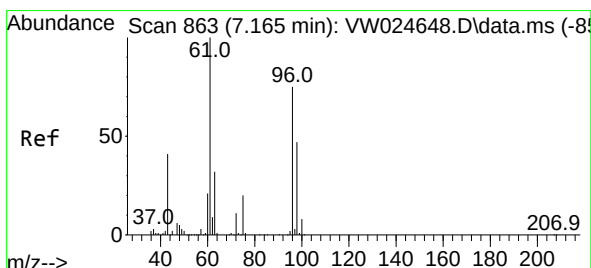
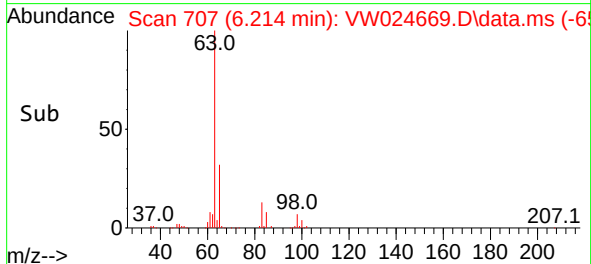
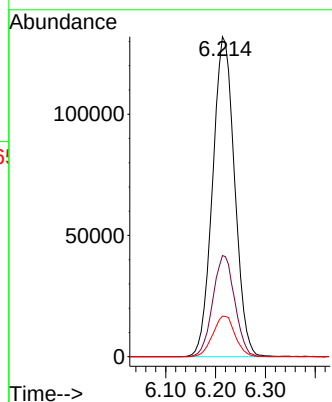
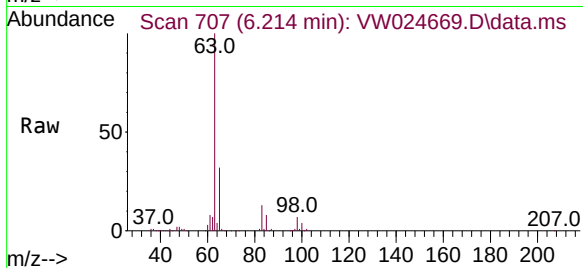
Tgt Ion: 63 Resp: 404132

Ion Ratio Lower Upper

63 100

65 31.6 23.7 43.9

83 12.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.704 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

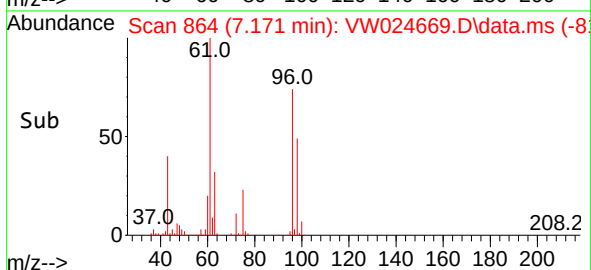
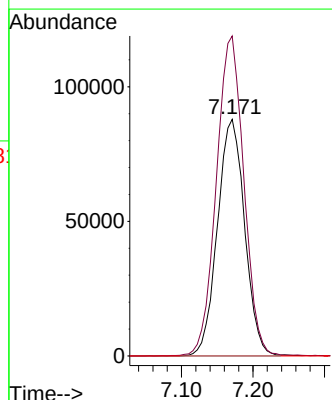
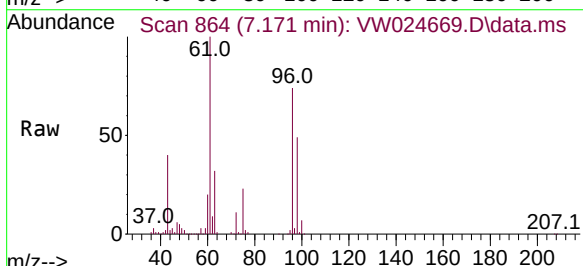
Tgt Ion: 96 Resp: 231983

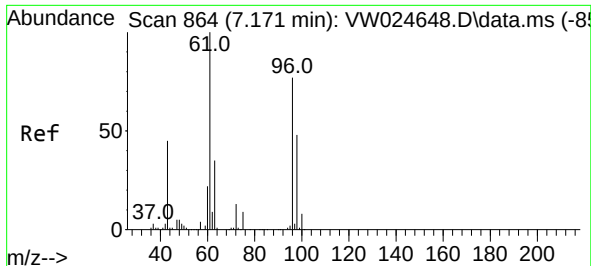
Ion Ratio Lower Upper

96 100

61 135.2 90.2 167.4

68 0.0 0.0 0.0

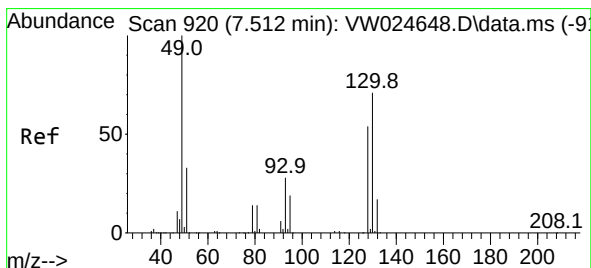
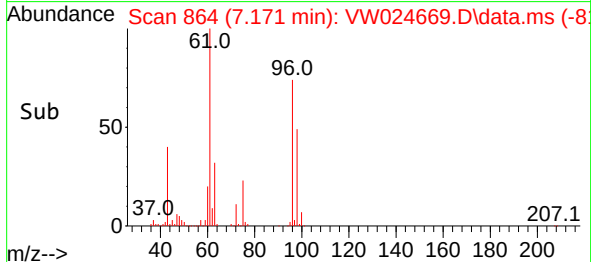
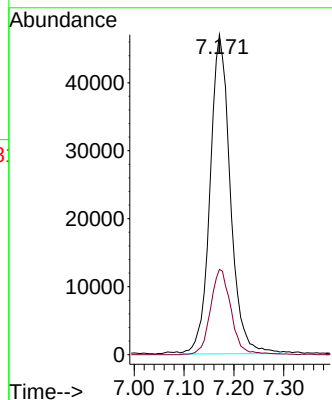
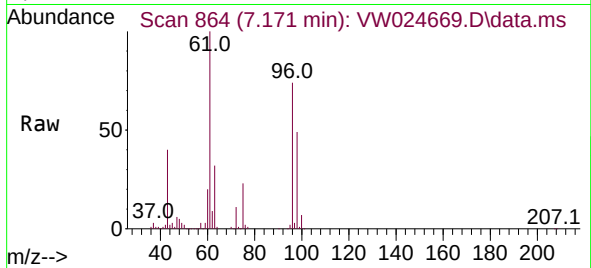




#22
2-Butanone
Concen: 54.863 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

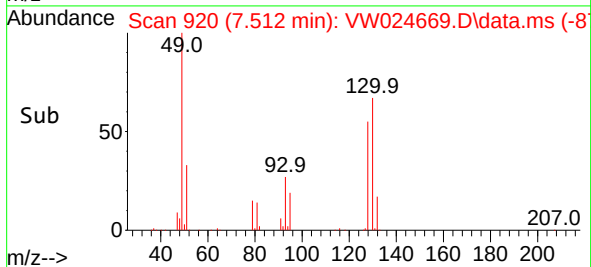
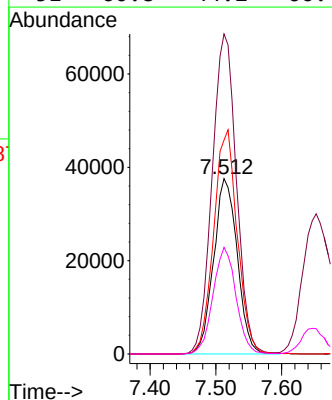
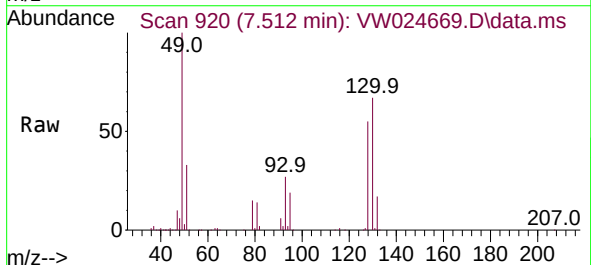
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

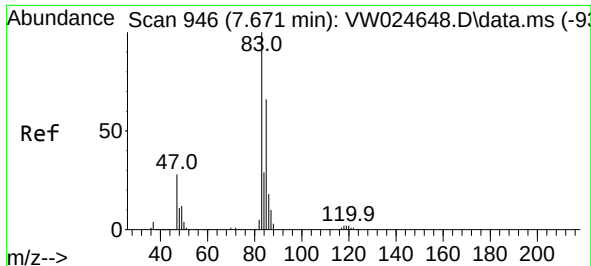
Tgt Ion: 43 Resp: 132658
Ion Ratio Lower Upper
43 100
72 26.8 13.8 41.3



#23
Bromochloromethane
Concen: 26.657 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion: 128 Resp: 94117
Ion Ratio Lower Upper
128 100
49 182.5 127.3 236.3
130 122.0 90.2 167.4
51 60.8 44.2 66.4

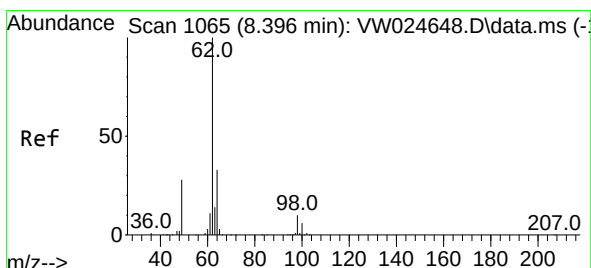
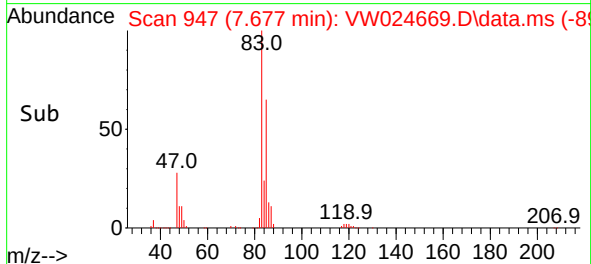
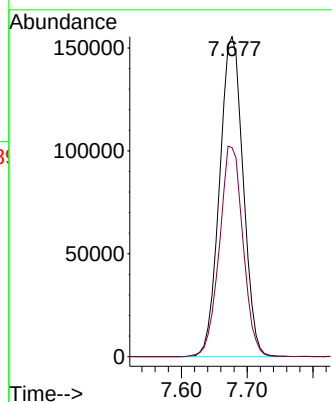
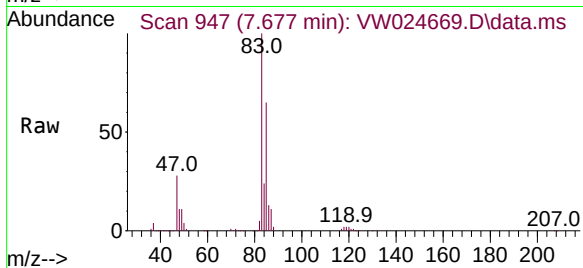




#25
Chloroform
Concen: 26.978 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

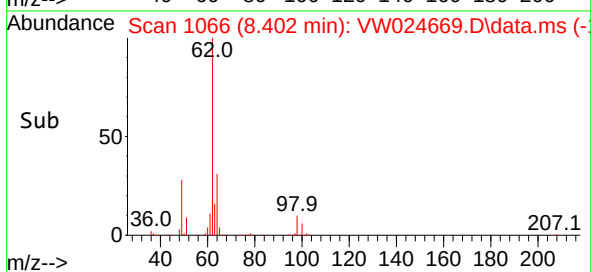
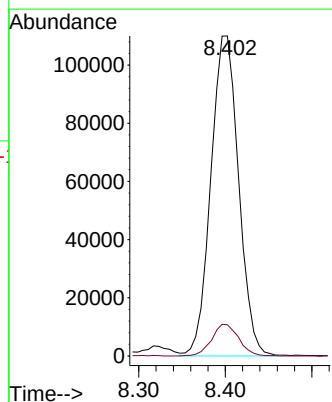
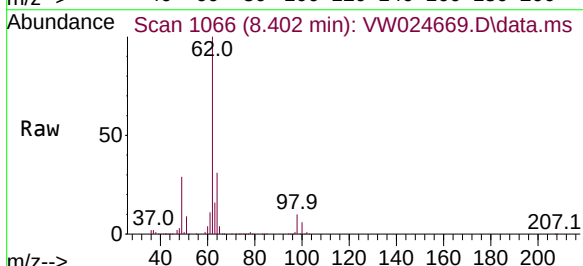
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

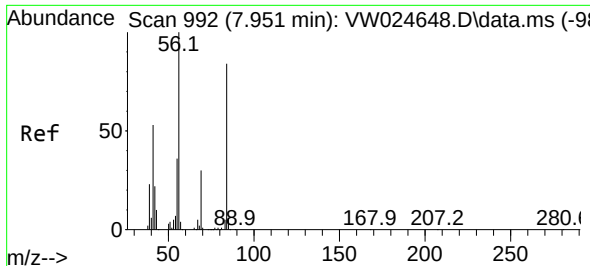
Tgt Ion: 83 Resp: 387508
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 27.136 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion: 62 Resp: 245265
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 26.166 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

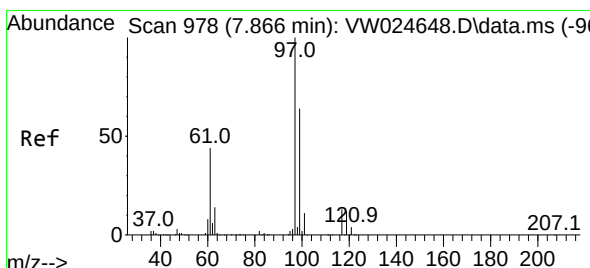
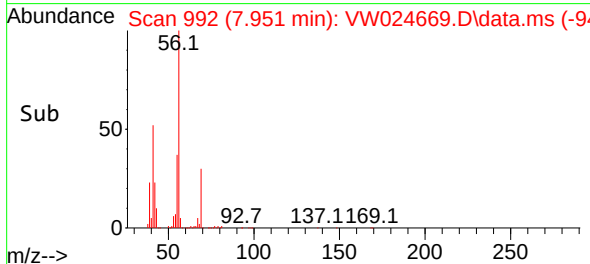
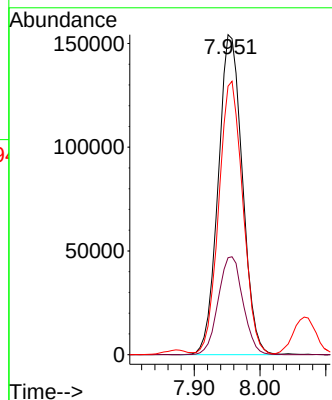
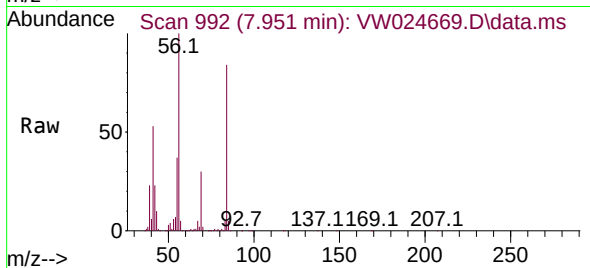
Tgt Ion: 56 Resp: 395327

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 85.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 27.096 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

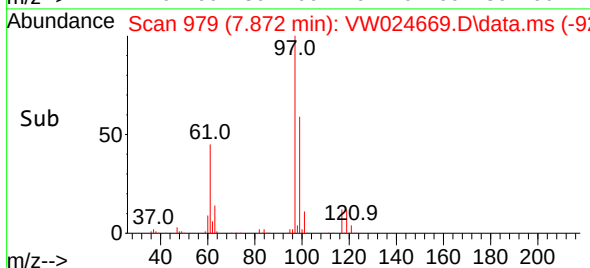
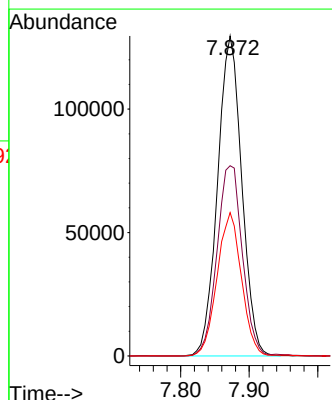
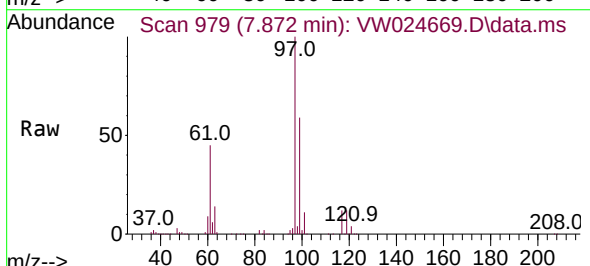
Tgt Ion: 97 Resp: 318044

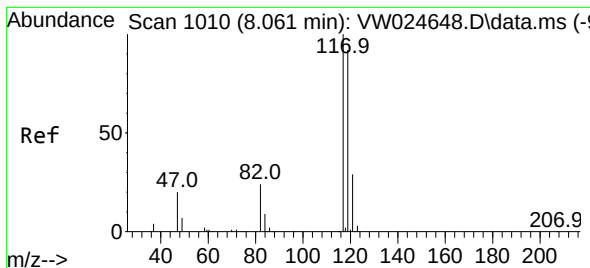
Ion Ratio Lower Upper

97 100

99 62.2 51.1 76.7

61 44.9 35.8 53.6





#31

Carbon tetrachloride

Concen: 27.940 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

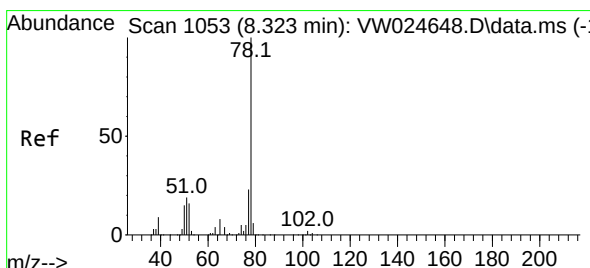
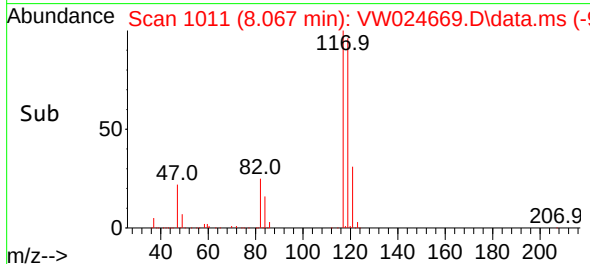
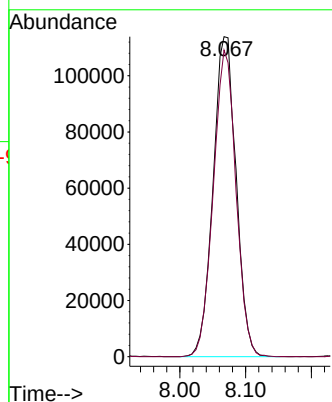
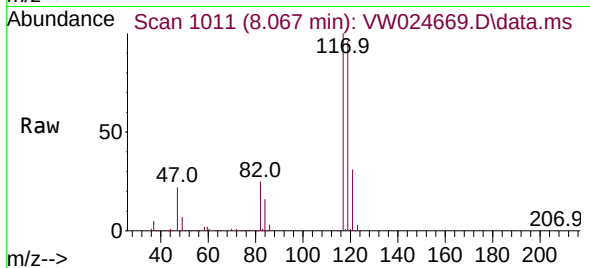
VSTD025578

Tgt Ion:117 Resp: 277716

Ion Ratio Lower Upper

117 100

119 94.5 76.2 114.2



#33

Benzene

Concen: 26.531 ug/L

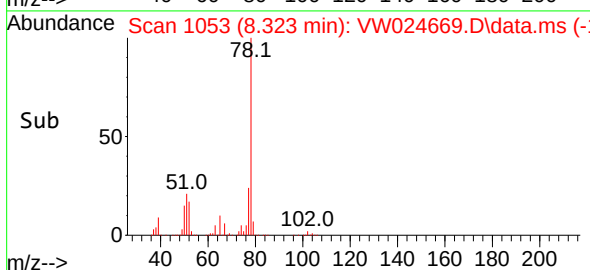
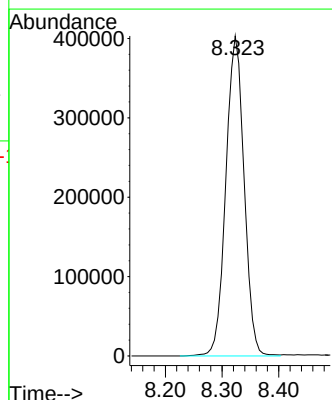
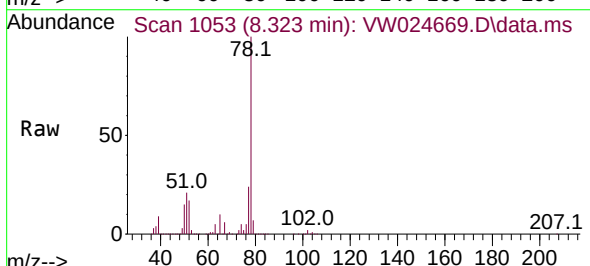
RT: 8.323 min Scan# 1053

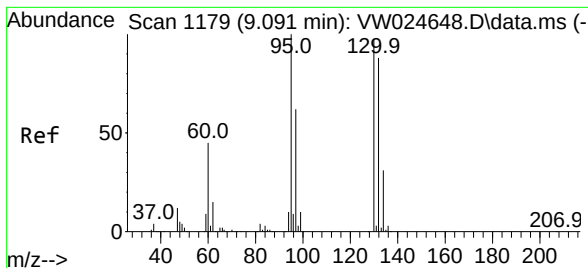
Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Tgt Ion: 78 Resp: 900766





#34

Trichloroethene

Concen: 26.199 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

Tgt Ion: 95 Resp: 225446

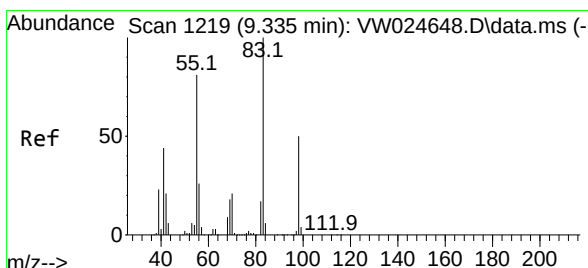
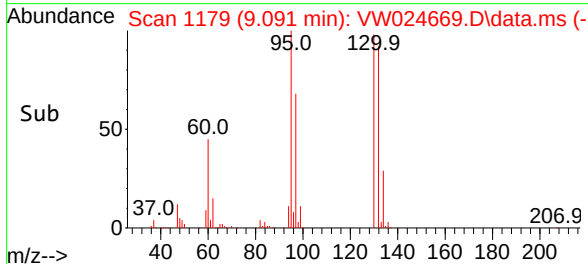
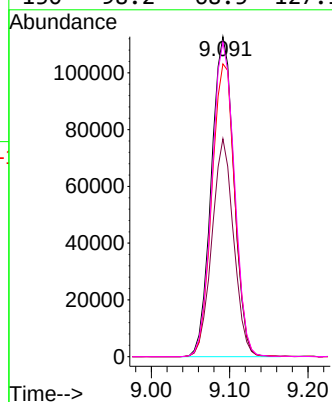
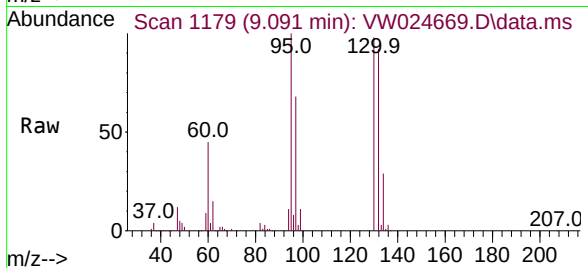
Ion Ratio Lower Upper

95 100

97 68.1 43.5 80.9

132 91.5 61.2 113.8

130 98.2 68.5 127.1



#35

Methylcyclohexane

Concen: 26.293 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

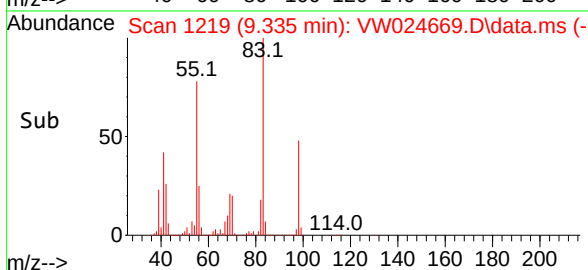
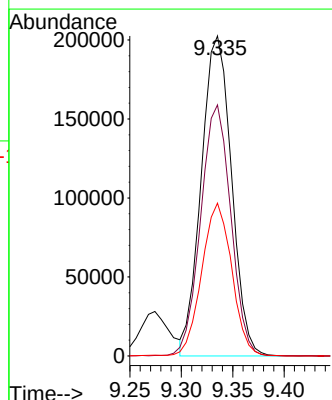
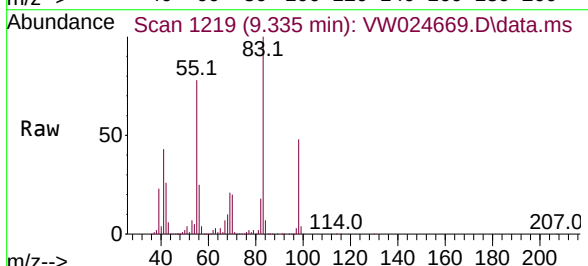
Tgt Ion: 83 Resp: 414755

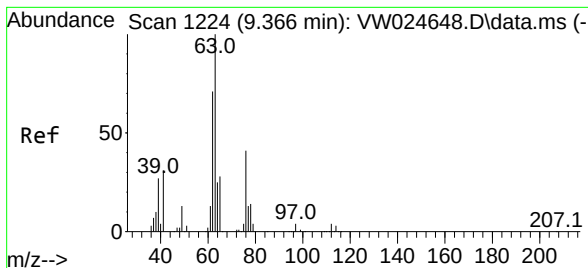
Ion Ratio Lower Upper

83 100

55 78.2 63.1 94.7

98 47.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.794 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

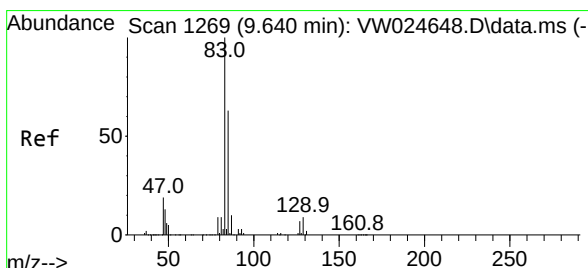
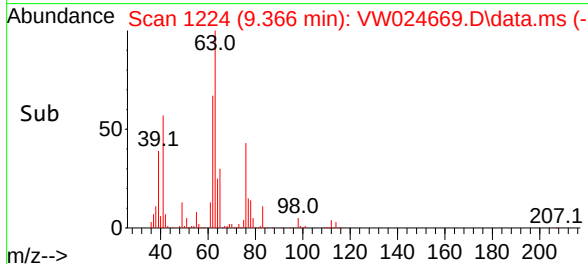
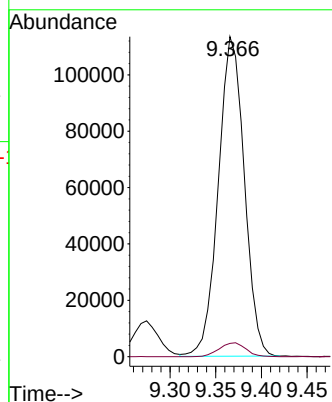
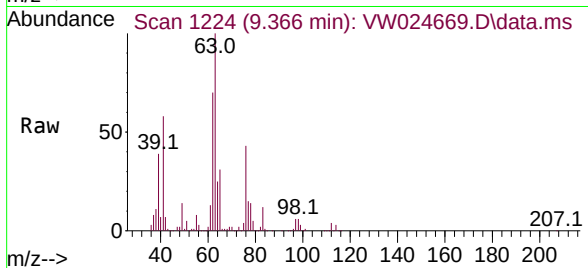
VSTD025578

Tgt Ion: 63 Resp: 224577

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 27.092 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

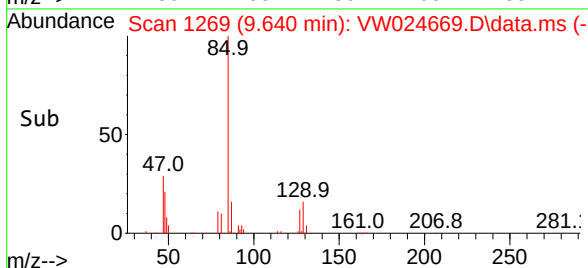
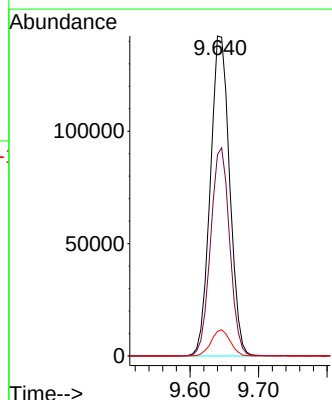
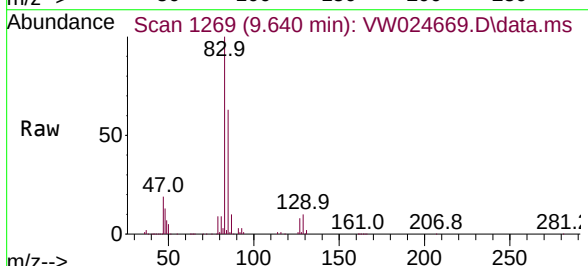
Tgt Ion: 83 Resp: 279325

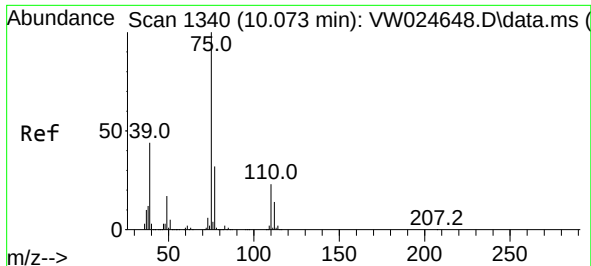
Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.8

127 7.7 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.835 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

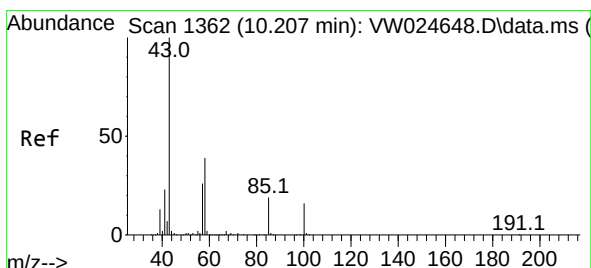
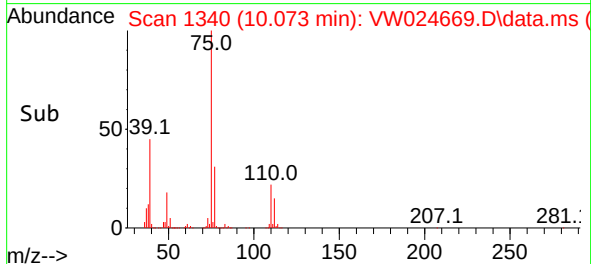
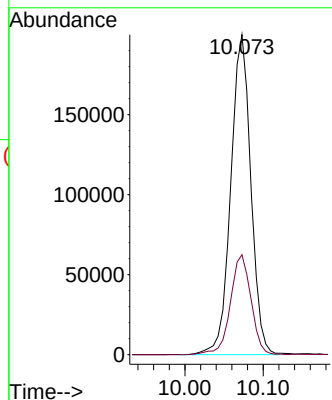
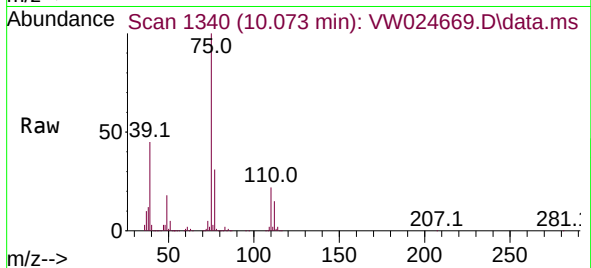
VSTD025578

Tgt Ion: 75 Resp: 355676

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.473 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

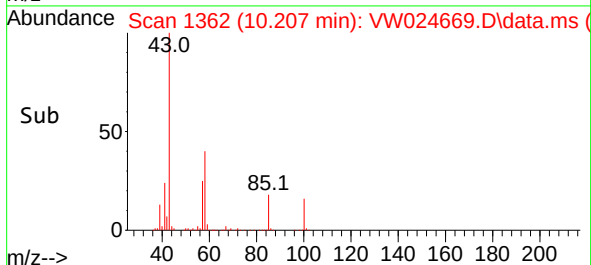
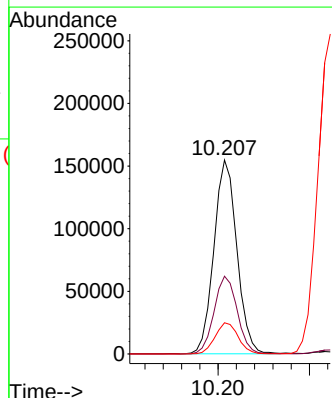
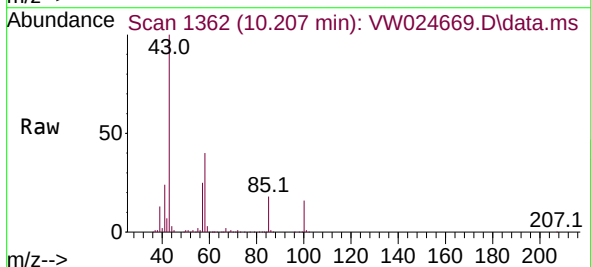
Tgt Ion: 43 Resp: 270249

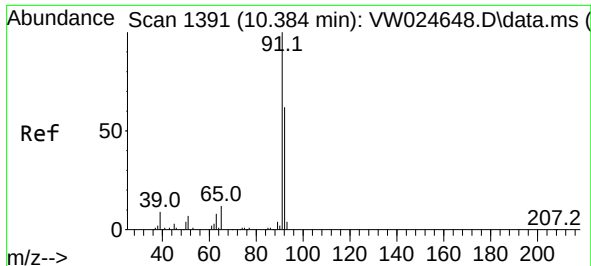
Ion Ratio Lower Upper

43 100

58 40.5 32.9 49.3

100 16.2 12.6 19.0

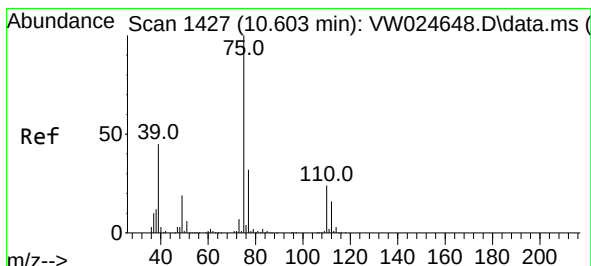
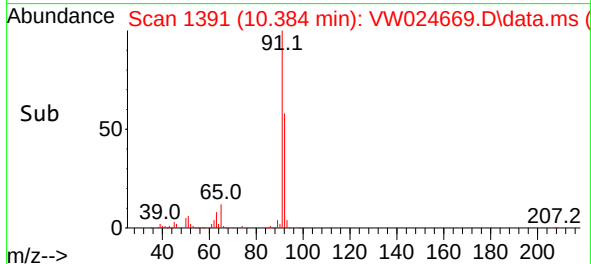
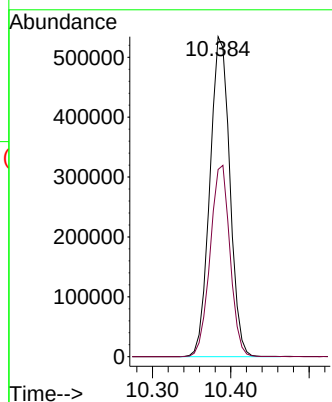
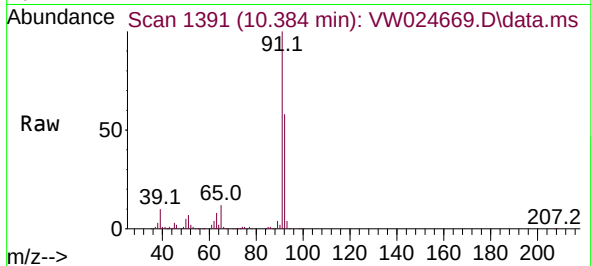




#42
Toluene
Concen: 26.963 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

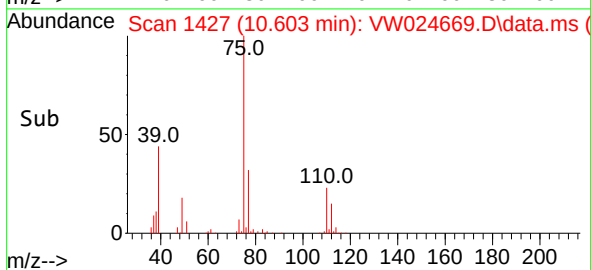
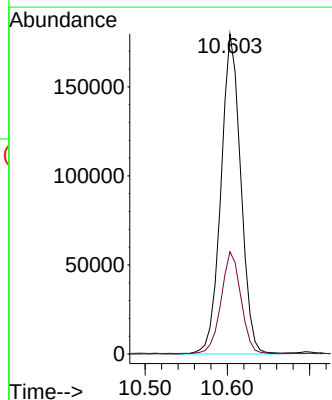
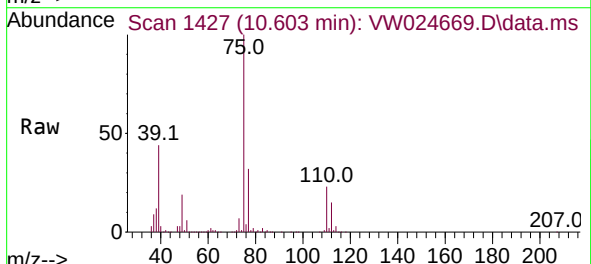
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

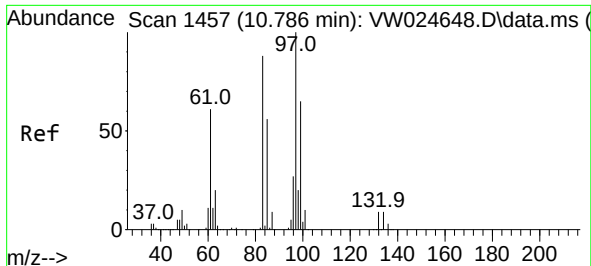
Tgt Ion: 91 Resp: 945320
Ion Ratio Lower Upper
91 100
92 58.5 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 26.478 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion: 75 Resp: 300889
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6

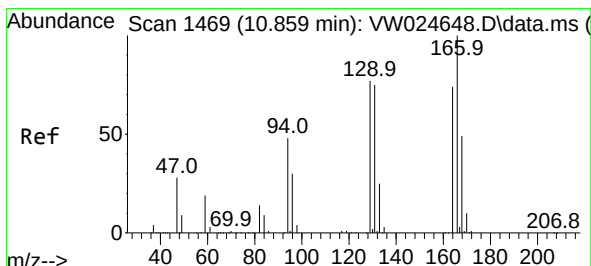
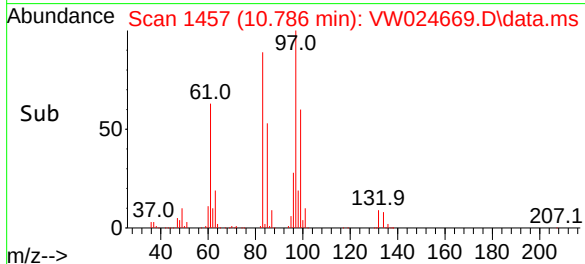
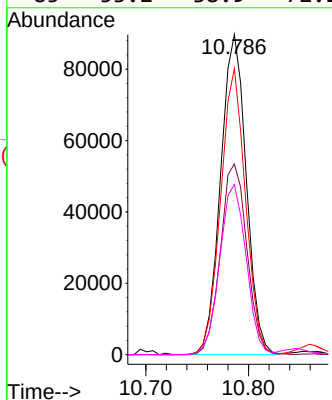
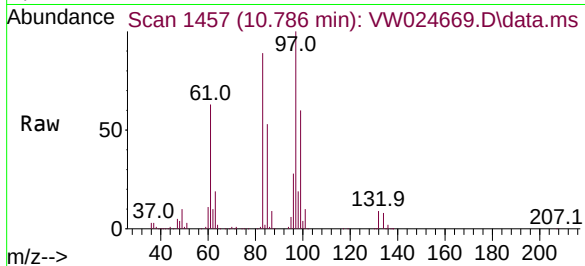




#45
1,1,2-Trichloroethane
Concen: 27.125 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

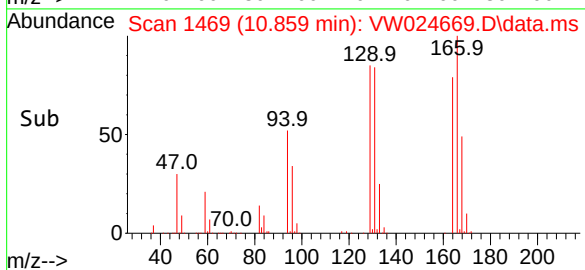
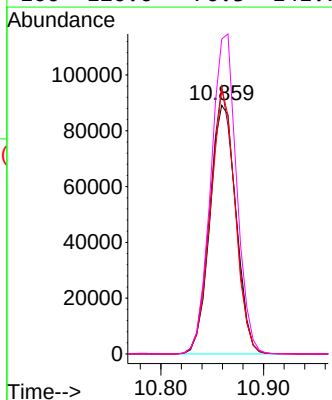
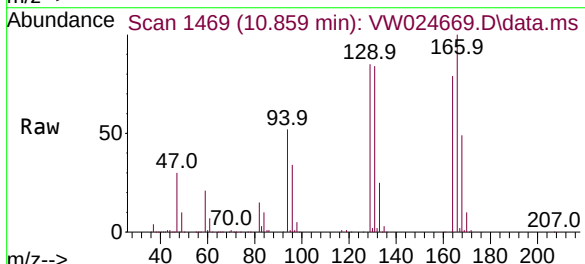
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

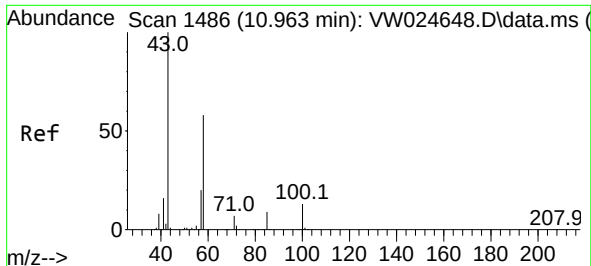
Tgt Ion: 97	Resp: 155289
Ion Ratio	Lower Upper
97 100	
99 59.6	43.8 81.4
83 89.4	60.1 111.5
85 53.2	38.9 72.2



#46
Tetrachloroethene
Concen: 26.961 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt	Ion:164	Resp:	157637
Ion	Ratio	Lower	Upper
164	100		
129	107.3	74.1	137.5
131	107.0	71.5	132.7
166	126.6	76.3	141.7

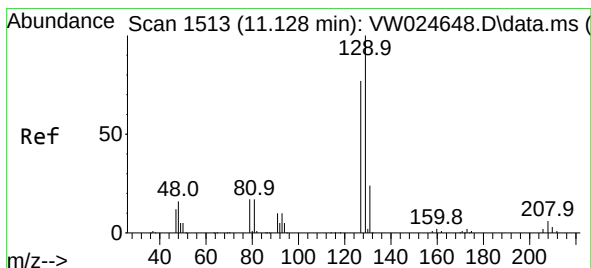
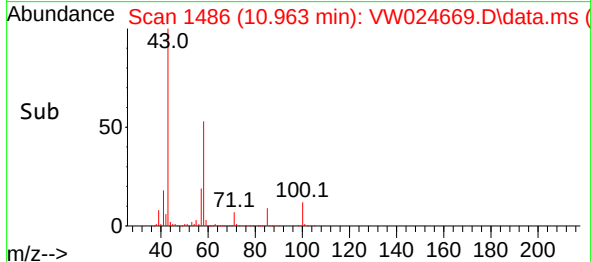
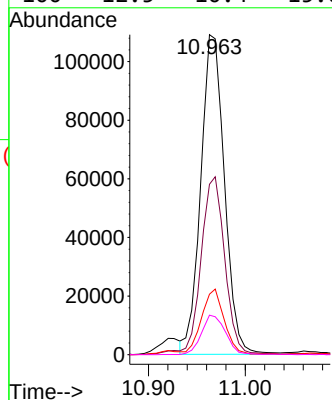
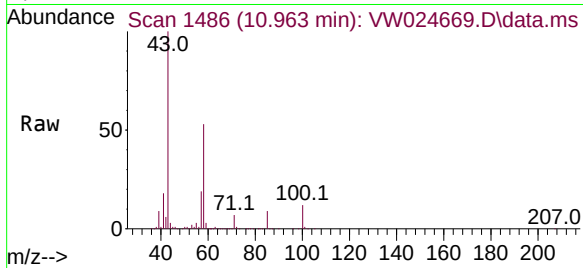




#48
2-Hexanone
Concen: 55.566 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

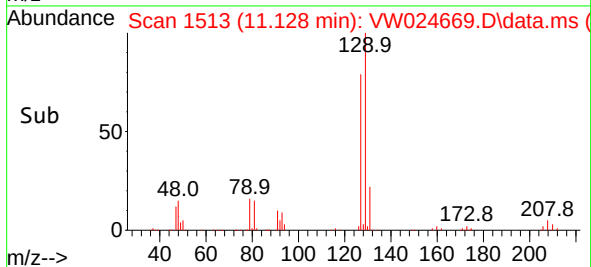
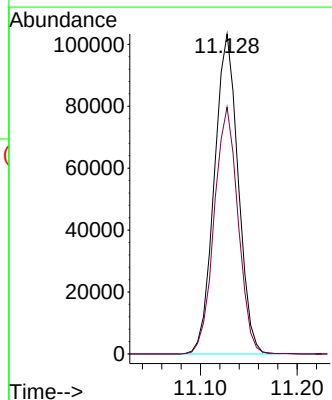
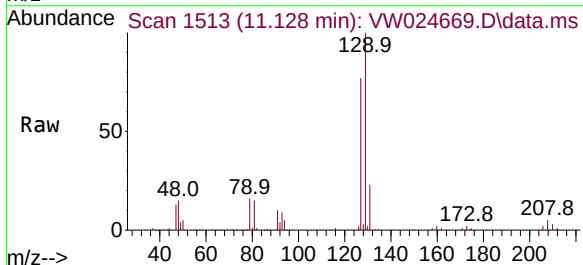
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

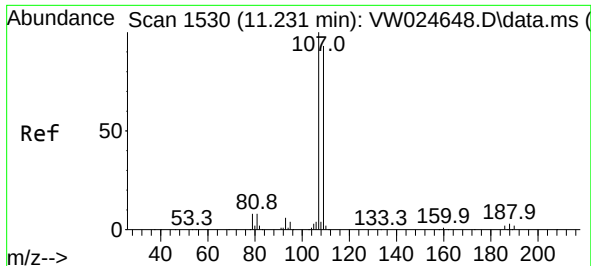
Tgt Ion:	43	Resp:	186410
Ion	Ratio	Lower	Upper
43	100		
58	54.5	45.3	67.9
57	19.5	16.3	24.5
100	12.5	10.4	15.6



#49
Dibromochloromethane
Concen: 27.461 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion:	129	Resp:	177030
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.4	97.4





#50

1,2-Dibromoethane

Concen: 27.135 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

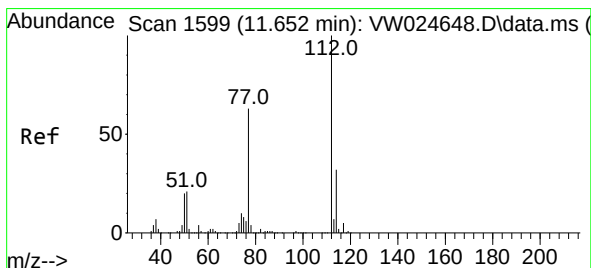
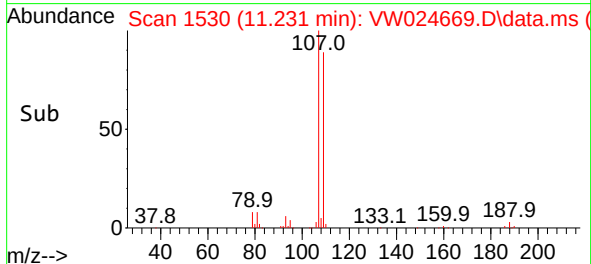
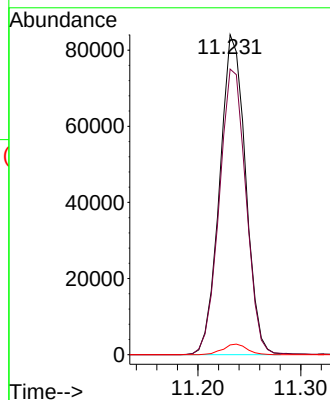
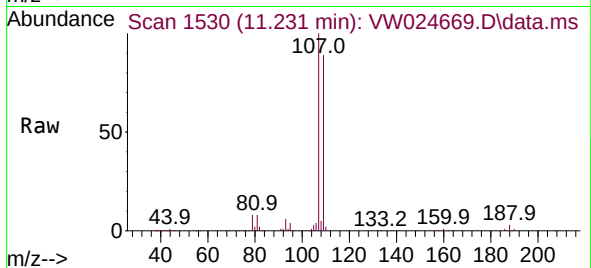
Tgt Ion:107 Resp: 147040

Ion Ratio Lower Upper

107 100

109 89.2 65.5 121.7

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 26.636 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

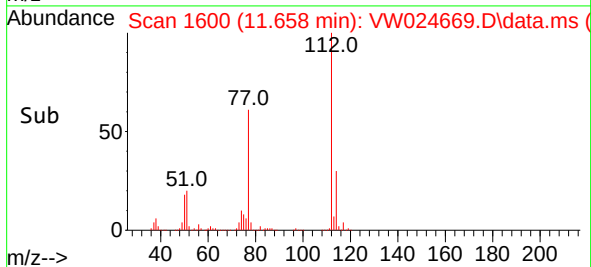
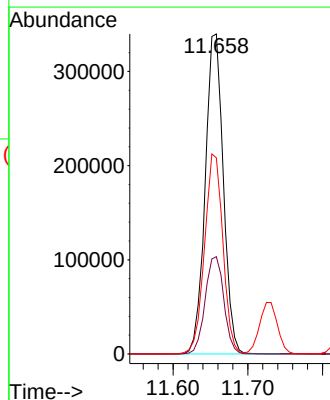
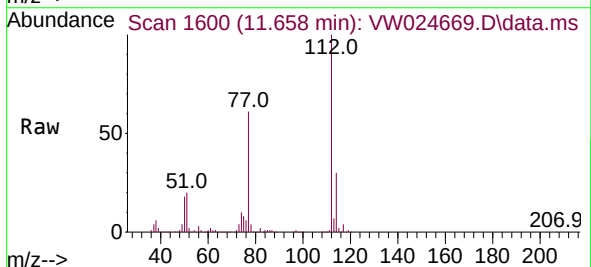
Tgt Ion:112 Resp: 571782

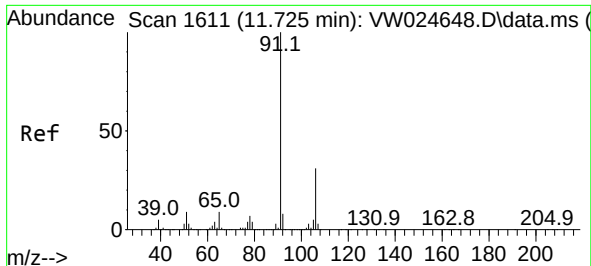
Ion Ratio Lower Upper

112 100

114 30.4 23.3 43.3

77 61.3 49.1 73.7





#52

Ethylbenzene

Concen: 26.990 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

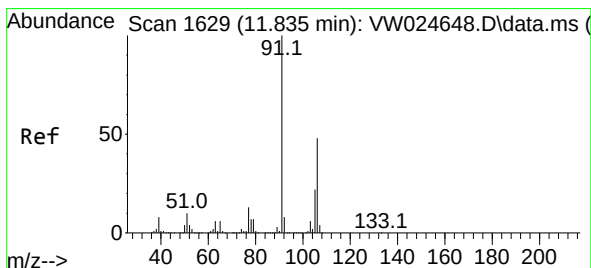
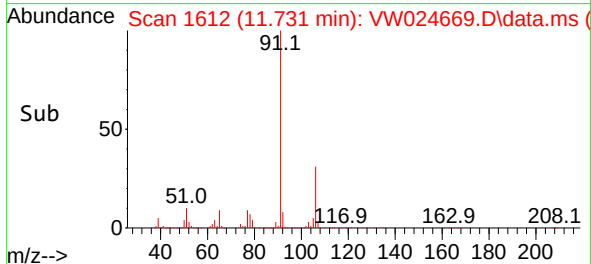
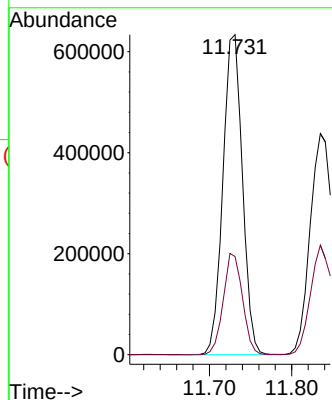
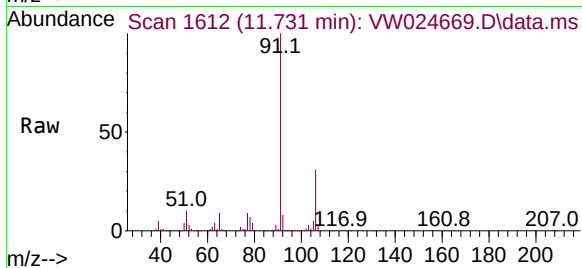
VSTD025578

Tgt Ion: 91 Resp: 1042299

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 26.546 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024669.D

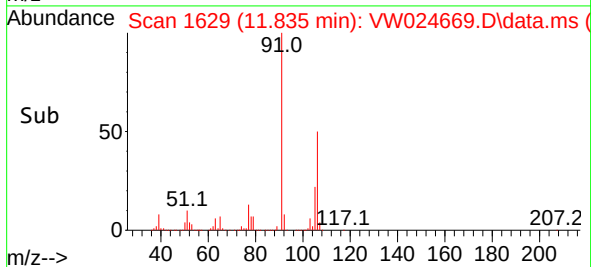
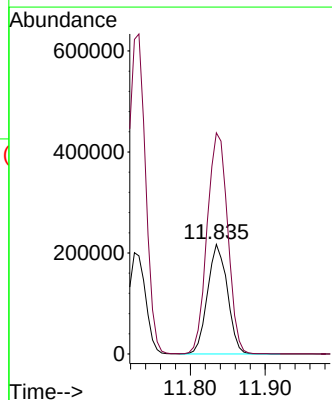
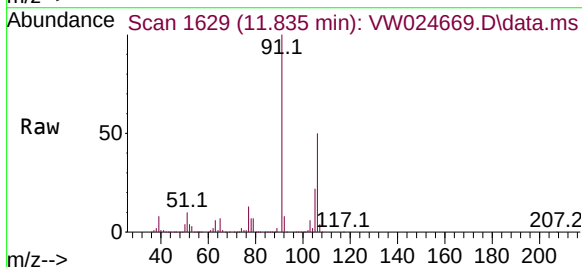
Acq: 29 Sep 2022 10:54

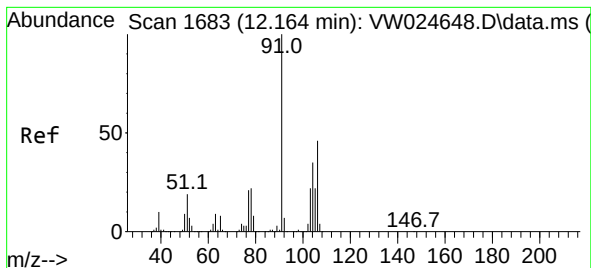
Tgt Ion:106 Resp: 400312

Ion Ratio Lower Upper

106 100

91 201.7 146.8 272.6





#54

o-Xylene

Concen: 27.192 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

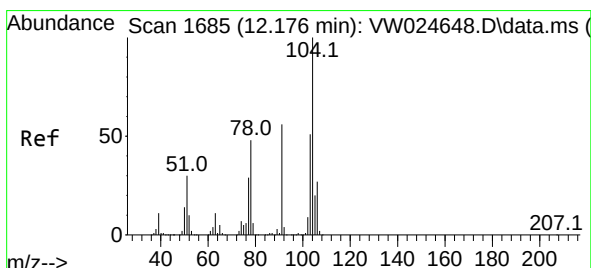
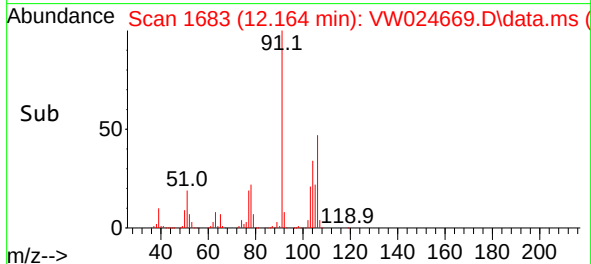
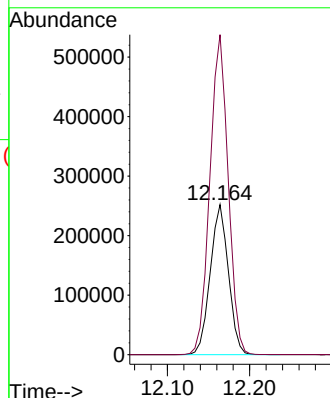
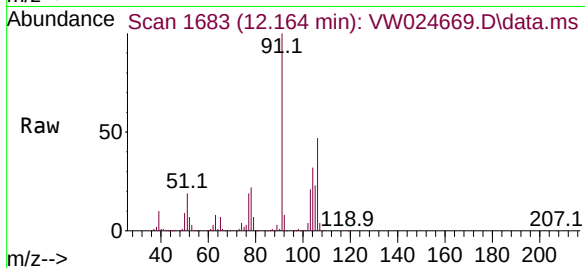
VSTD025578

Tgt Ion:106 Resp: 387229

Ion Ratio Lower Upper

106 100

91 213.1 146.3 271.7



#55

Styrene

Concen: 27.225 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024669.D

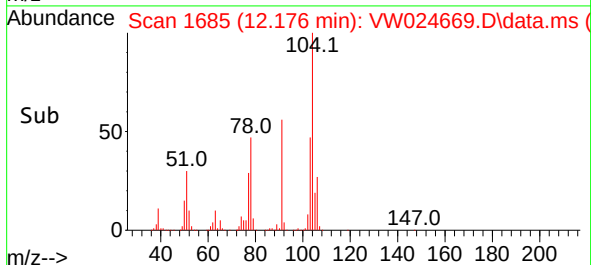
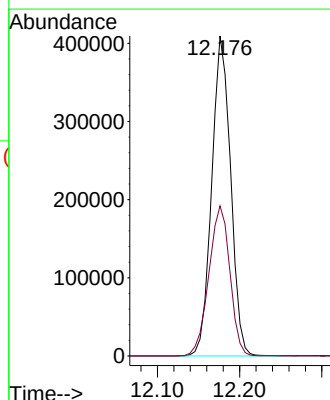
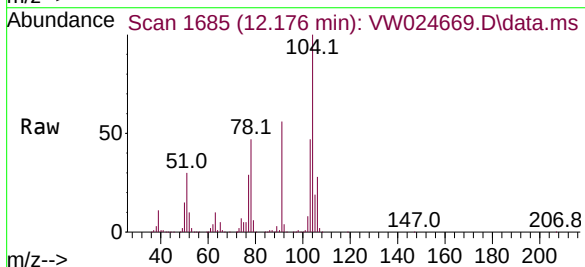
Acq: 29 Sep 2022 10:54

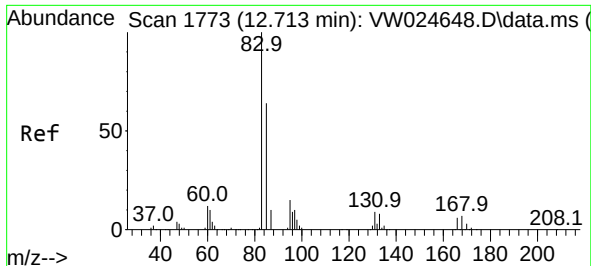
Tgt Ion:104 Resp: 653582

Ion Ratio Lower Upper

104 100

78 46.9 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 28.048 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

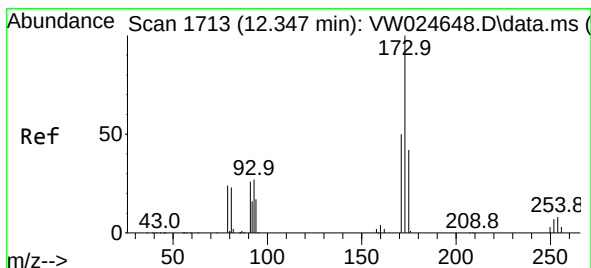
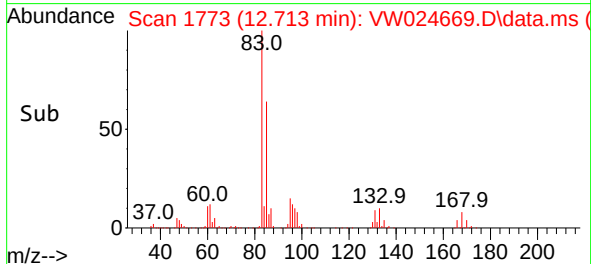
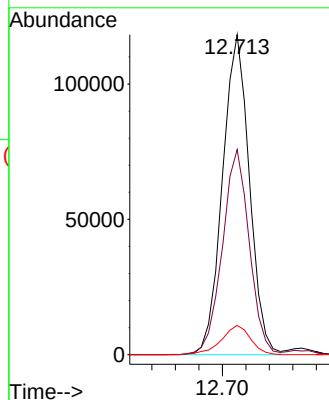
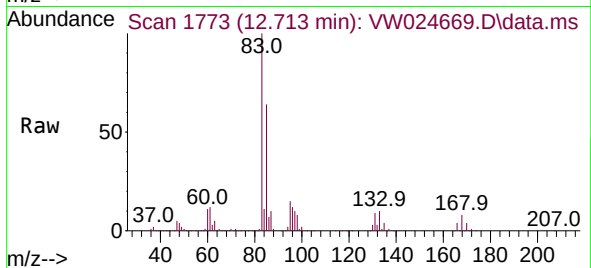
Tgt Ion: 83 Resp: 188012

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

131 9.1 7.3 10.9



#59

Bromoform

Concen: 25.592 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

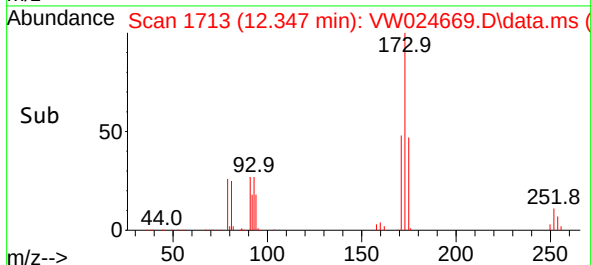
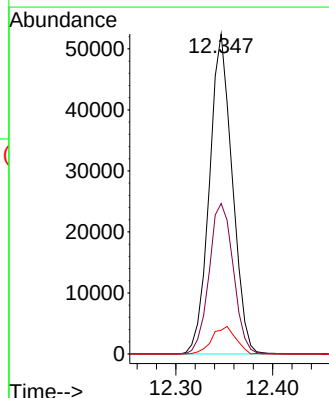
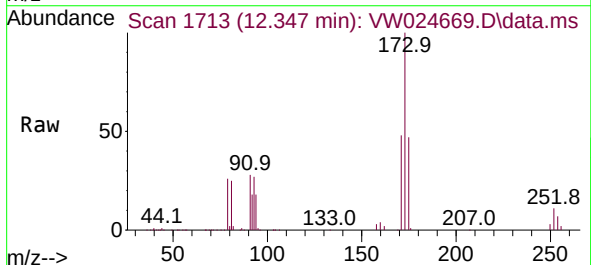
Tgt Ion:173 Resp: 86254

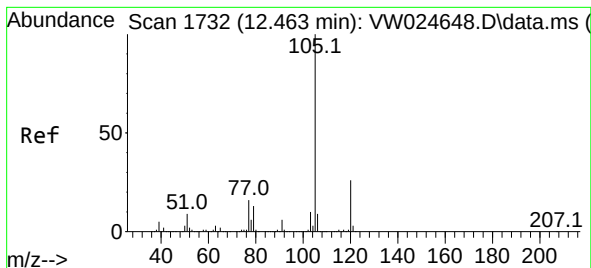
Ion Ratio Lower Upper

173 100

175 49.8 37.7 56.5

254 8.9 6.7 10.1





#60

Isopropylbenzene

Concen: 26.715 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

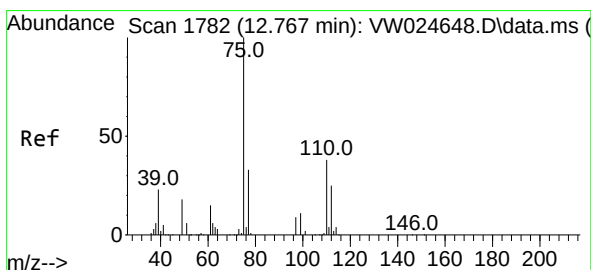
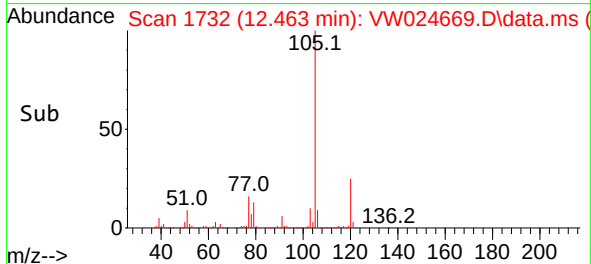
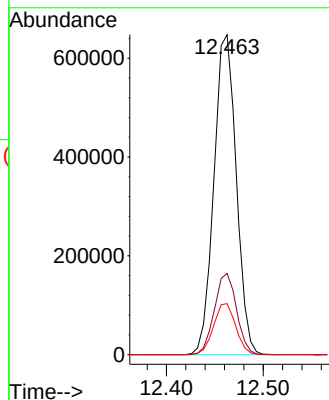
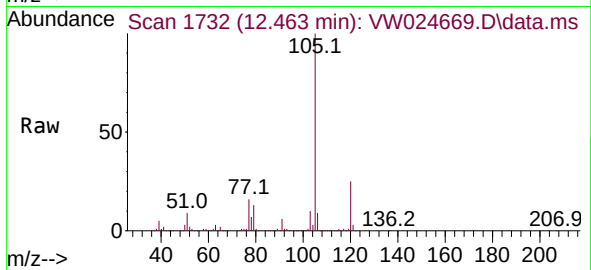
Tgt Ion:105 Resp: 1038141

Ion Ratio Lower Upper

105 100

120 25.2 20.9 31.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 26.478 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

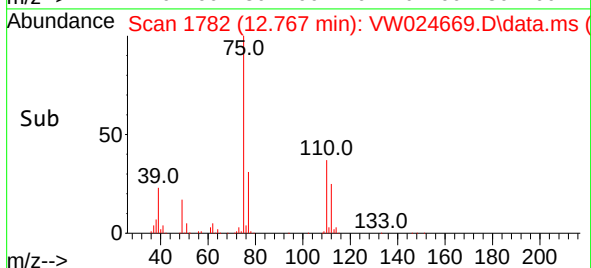
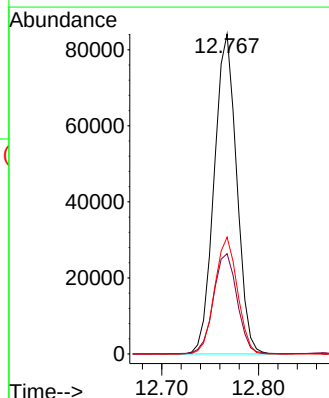
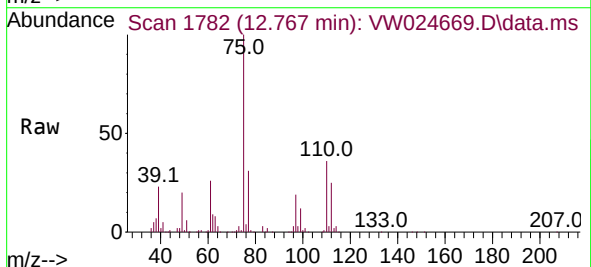
Tgt Ion: 75 Resp: 135990

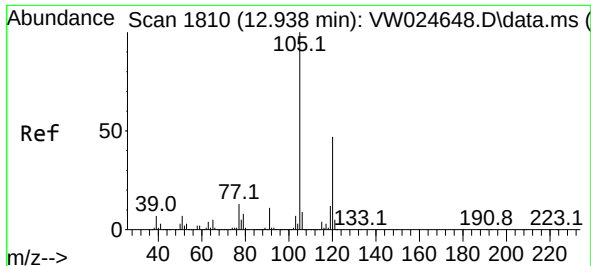
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6

110 36.8 29.2 43.8

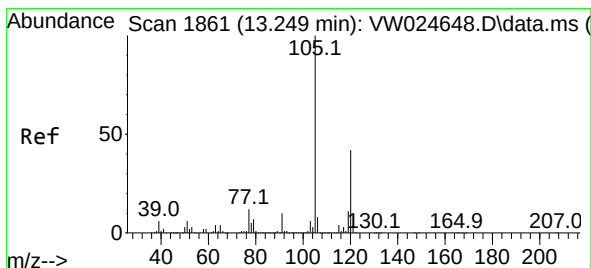
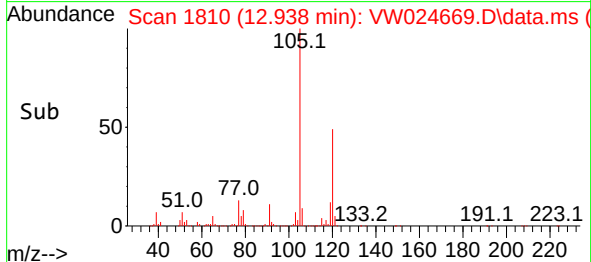
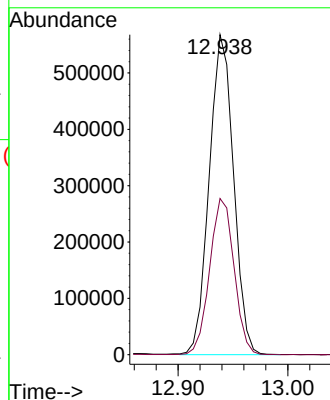
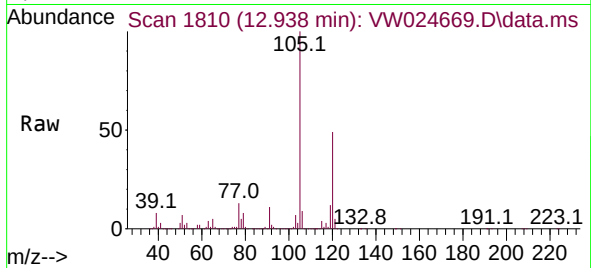




#62
 1,3,5-Trimethylbenzene
 Concen: 25.961 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

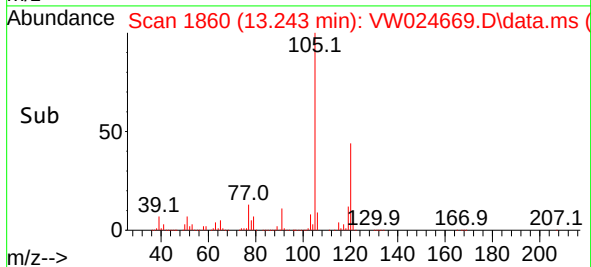
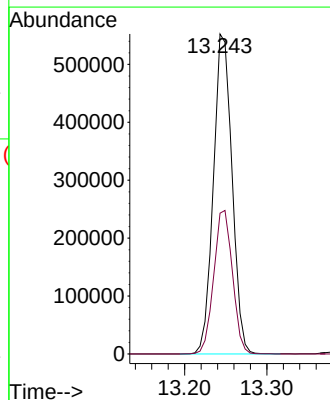
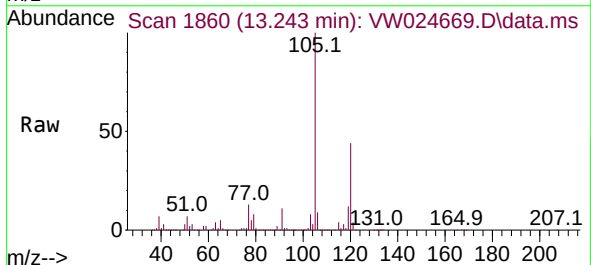
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

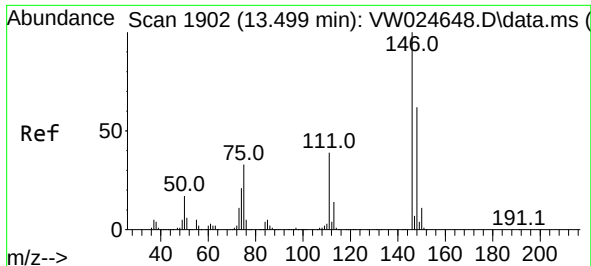
Tgt Ion:105 Resp: 876858
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 26.323 ug/L
 RT: 13.243 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: VW024669.D
 Acq: 29 Sep 2022 10:54

Tgt Ion:105 Resp: 870980
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.2 52.8

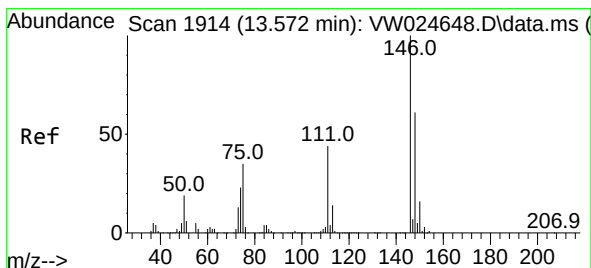
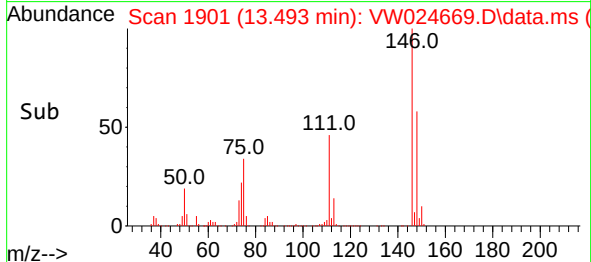
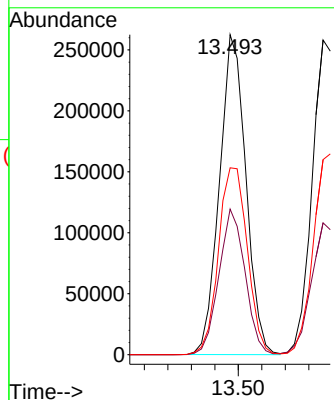
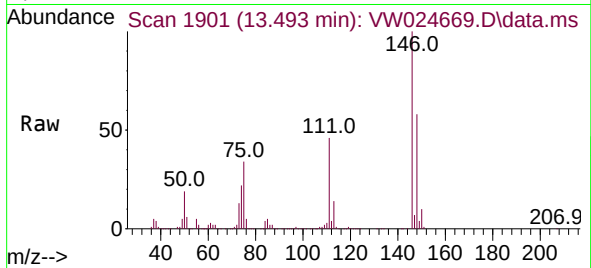




#64
1,3-Dichlorobenzene
Concen: 25.993 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

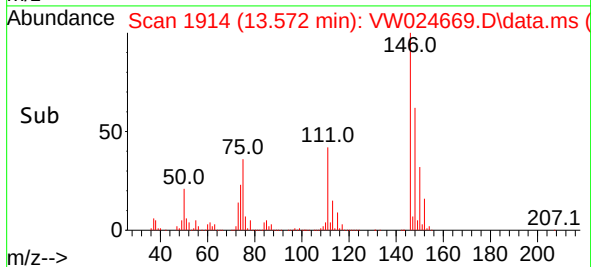
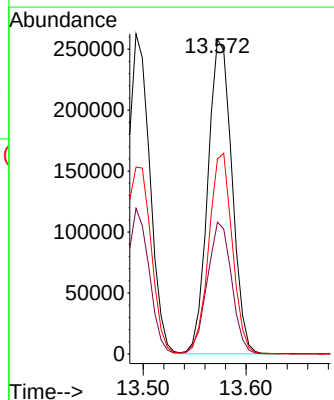
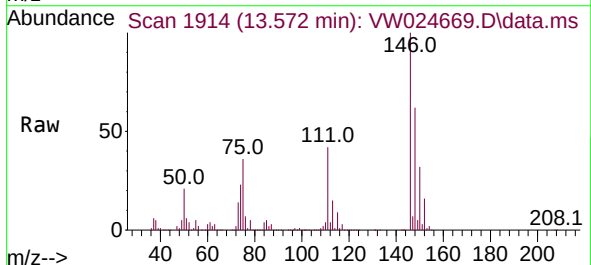
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

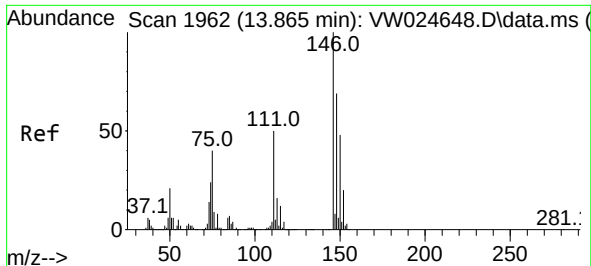
Tgt Ion:146 Resp: 410361
Ion Ratio Lower Upper
146 100
111 45.5 31.6 58.6
148 58.4 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 27.342 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion:146 Resp: 420206
Ion Ratio Lower Upper
146 100
111 41.9 29.4 54.6
148 62.0 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 26.714 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

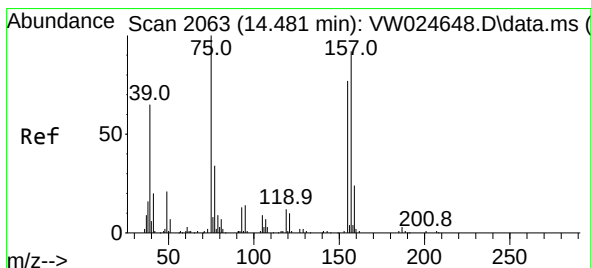
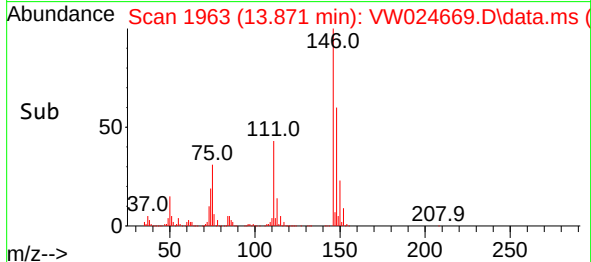
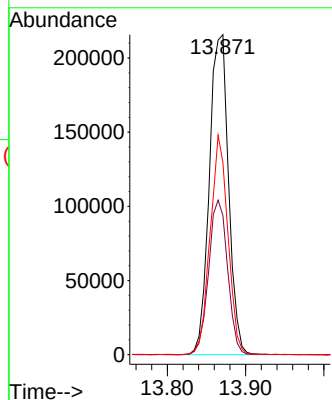
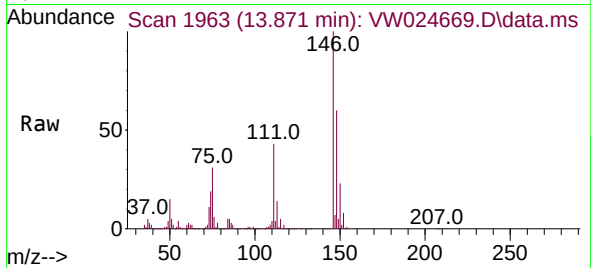
Tgt Ion:146 Resp: 367346

Ion Ratio Lower Upper

146 100

111 43.4 37.2 55.8

148 60.1 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.698 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

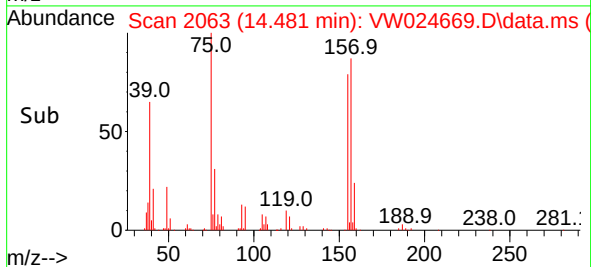
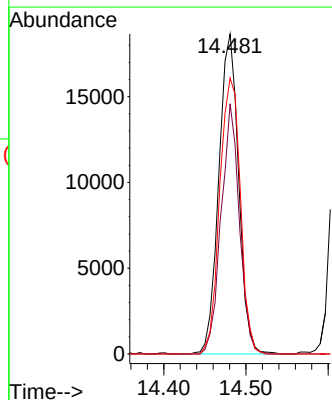
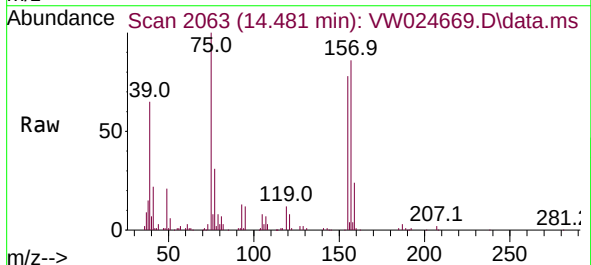
Tgt Ion: 75 Resp: 31212

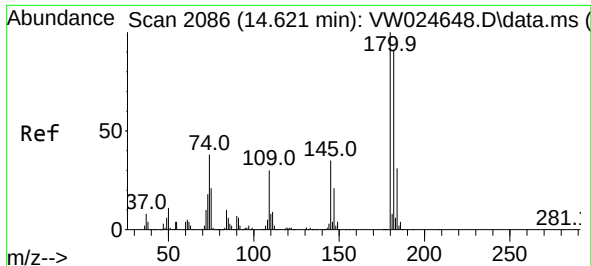
Ion Ratio Lower Upper

75 100

155 78.2 57.6 86.4

157 86.2 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 26.300 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024669.D

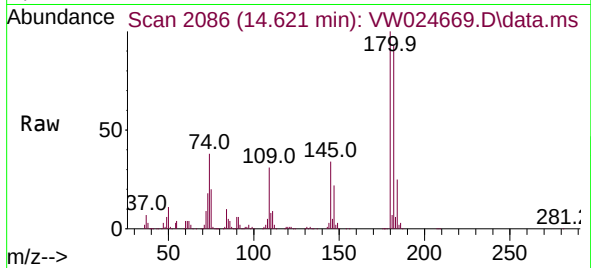
Acq: 29 Sep 2022 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578



Tgt Ion:180 Resp: 275687

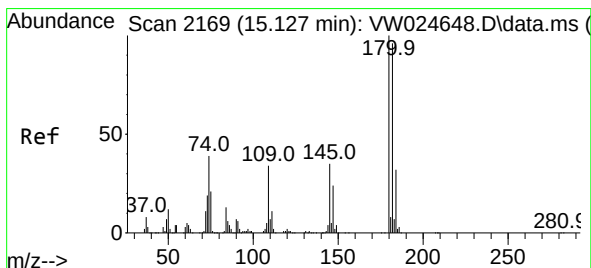
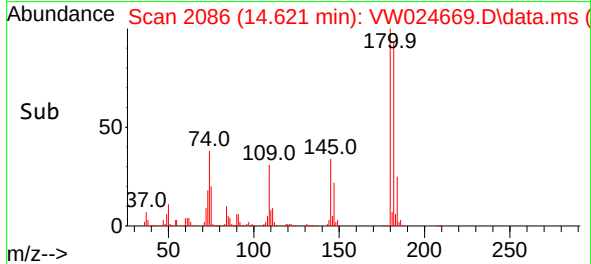
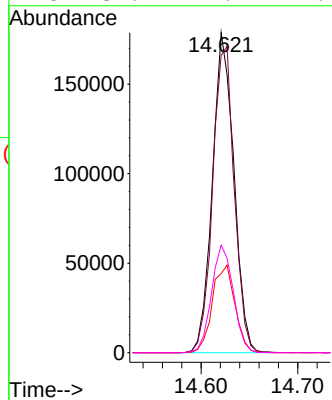
Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

184 28.9 23.3 34.9

145 34.1 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 26.752 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024669.D

Acq: 29 Sep 2022 10:54

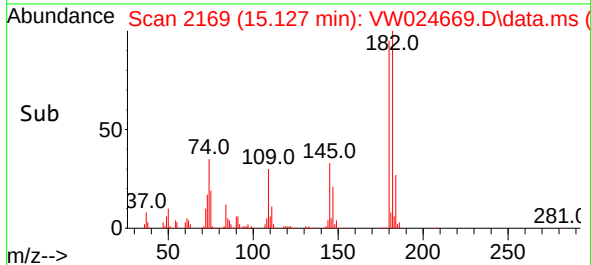
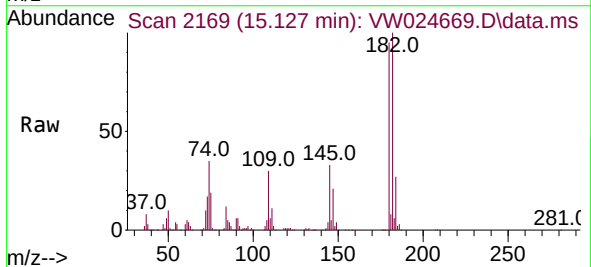
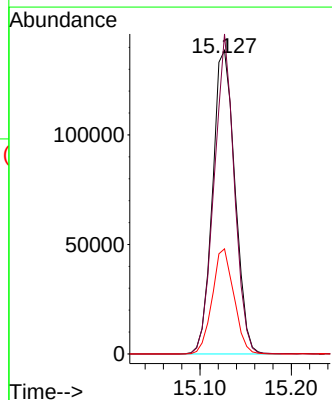
Tgt Ion:180 Resp: 235588

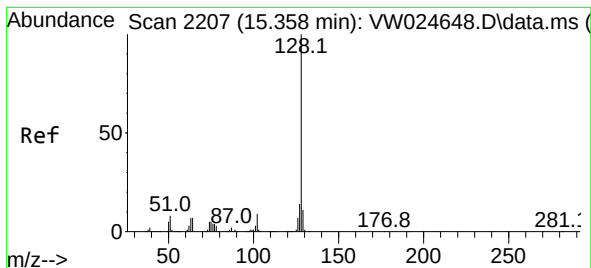
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 33.5 29.0 43.4

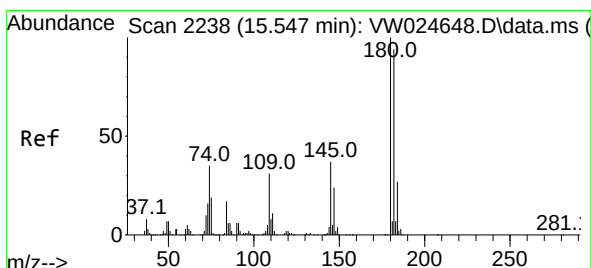
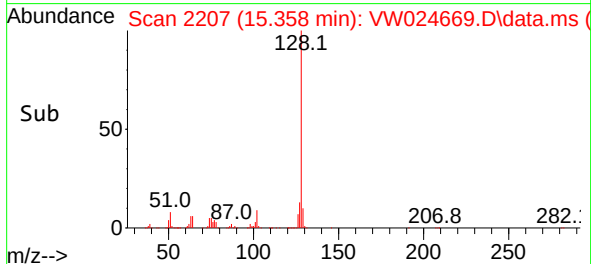
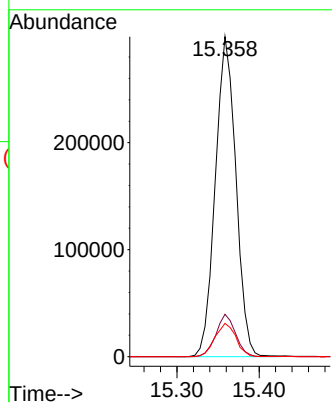
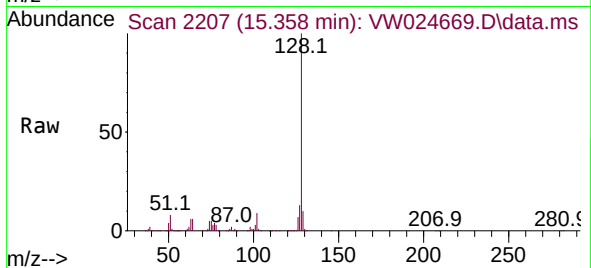




#71
Naphthalene
Concen: 27.160 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

Tgt Ion:128 Resp: 520775
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.6 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 26.371 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024669.D
Acq: 29 Sep 2022 10:54

Tgt Ion:180 Resp: 197643
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.2
145 37.0 30.6 45.8

