

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
 Data File : VW026293.D
 Acq On : 22 Jun 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Quant Time: Jun 23 01:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 22 01:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	643160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	284550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	175695	19.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
7) Chloroethane-d5	2.899	69	172138	25.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.640%
11) 1,1-Dichloroethene-d2	4.021	65	94124	21.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.400%
21) 2-Butanone-d5	7.075	46	151995	57.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.400%
24) Chloroform-d	7.648	84	471871	25.054	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	8.301	65	248177	24.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.276	84	883993	22.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.840%
36) 1,2-Dichloropropane-d6	9.270	67	291711	23.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.325	98	754643	21.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.575	79	102716	20.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.120%
47) 2-Hexanone-d5	10.922	63	102232	51.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236853	26.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	13.855	152	253736	23.297	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	159298	20.204	ug/L	97
3) Chloromethane	2.223	50	222632	22.022	ug/L	97
5) Vinyl chloride	2.375	62	252975	23.410	ug/L	99
6) Bromomethane	2.790	94	136110	23.105	ug/L	96
8) Chloroethane	2.930	64	153305	26.253	ug/L	97
9) Trichlorofluoromethane	3.265	101	187418	26.959	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	209274	23.856	ug/L	99
12) 1,1-Dichloroethene	4.045	96	191057	23.332	ug/L #	75
13) Acetone	4.119	43	103239	50.651	ug/L	98
14) Carbon disulfide	4.387	76	572385	19.801	ug/L	99
15) Methyl Acetate	4.667	43	106276	23.232	ug/L	100
16) Methylene chloride	4.911	84	232762	22.675	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	198763	21.634	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	302762	20.909	ug/L	99
19) 1,1-Dichloroethane	6.216	63	435829	23.301	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	220978	22.706	ug/L	98
22) 2-Butanone	7.173	43	140780	48.419	ug/L	97
23) Bromochloromethane	7.514	128	91028	21.932	ug/L	92
25) Chloroform	7.679	83	408055	23.423	ug/L	100

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 Response via : Initial Calibration

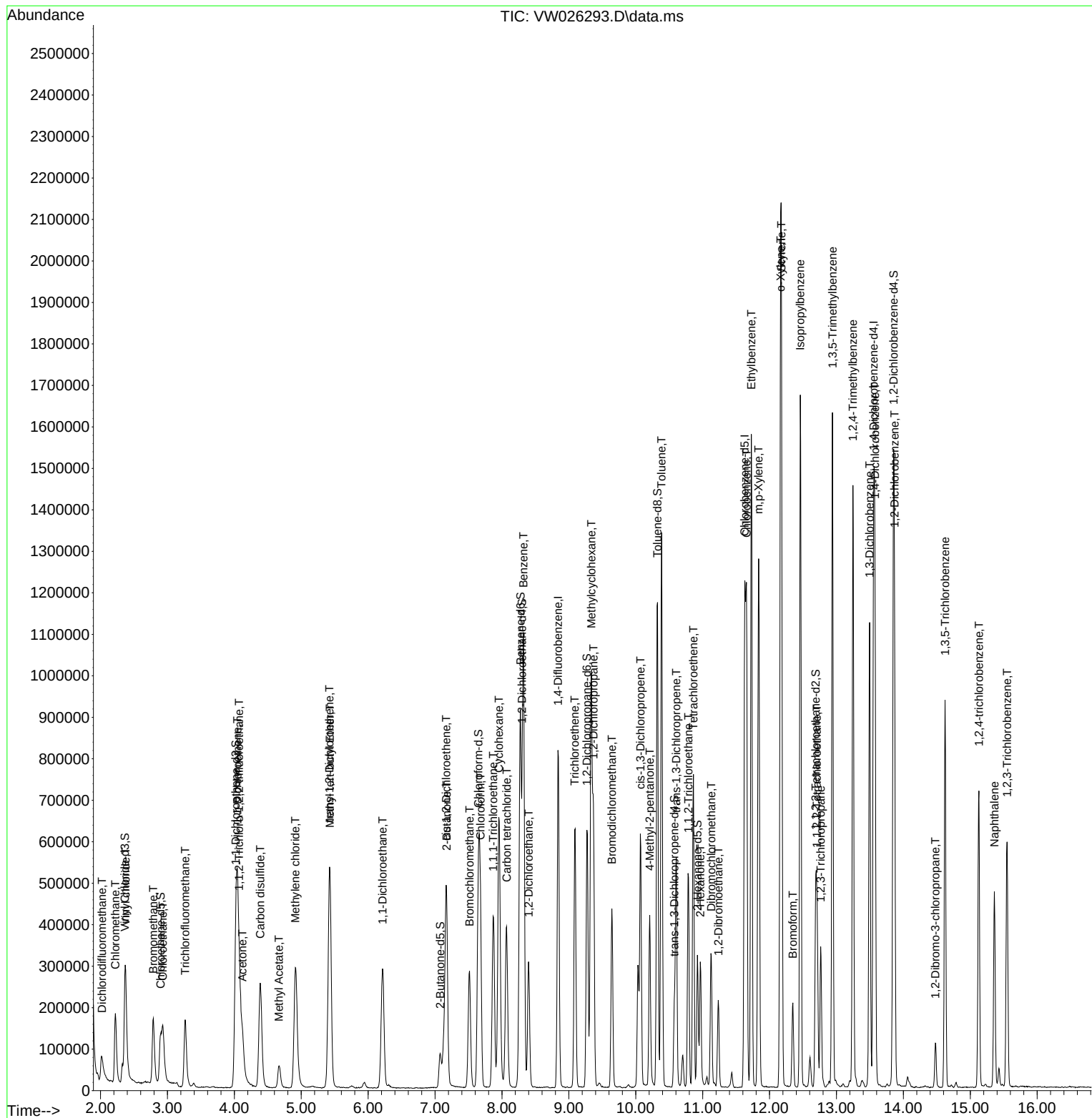
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270684	22.528	ug/L	99
29) Cyclohexane	7.953	56	369219	20.442	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	328971	23.172	ug/L	99
31) Carbon tetrachloride	8.069	117	292315	22.563	ug/L	98
33) Benzene	8.319	78	901771	22.502	ug/L	100
34) Trichloroethene	9.087	95	221890	21.623	ug/L	96
35) Methylcyclohexane	9.337	83	376397	20.728	ug/L	99
37) 1,2-Dichloropropane	9.368	63	243892	22.469	ug/L	99
38) Bromodichloromethane	9.642	83	284776	22.582	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	348836	21.868	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	287071	44.858	ug/L	100
42) Toluene	10.386	91	919675	22.436	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	291220	21.914	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	157788	22.056	ug/L	99
46) Tetrachloroethene	10.861	164	155452	21.417	ug/L	94
48) 2-Hexanone	10.965	43	202558	44.890	ug/L	97
49) Dibromochloromethane	11.130	129	167093	22.277	ug/L	97
50) 1,2-Dibromoethane	11.233	107	139807	21.106	ug/L	97
51) Chlorobenzene	11.654	112	561471	21.859	ug/L	96
52) Ethylbenzene	11.727	91	1043317	22.563	ug/L	98
53) m,p-Xylene	11.837	106	386613	22.475	ug/L	99
54) o-Xylene	12.166	106	362770	22.344	ug/L	96
55) Styrene	12.178	104	634371	22.775	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	193625	22.364	ug/L	96
59) Bromoform	12.349	173	86237	20.178	ug/L	99
60) Isopropylbenzene	12.459	105	1020198	22.823	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140145	21.988	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	810420	22.806	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	737341	22.655	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	412009	21.921	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	424325	22.424	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	369426	21.888	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	28676	19.419	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	261502	20.255	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	206933	19.424	ug/L	99
71) Naphthalene	15.360	128	371408	19.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	184307	19.795	ug/L	97

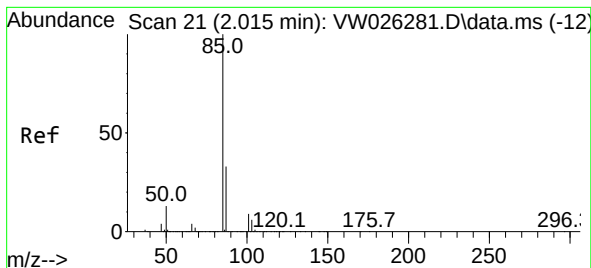
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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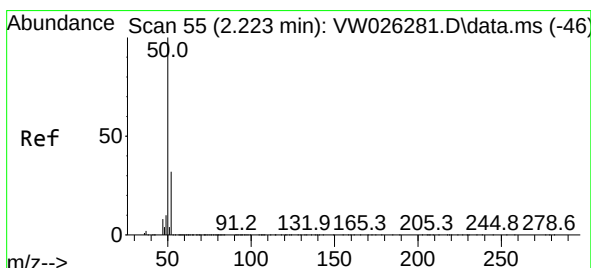
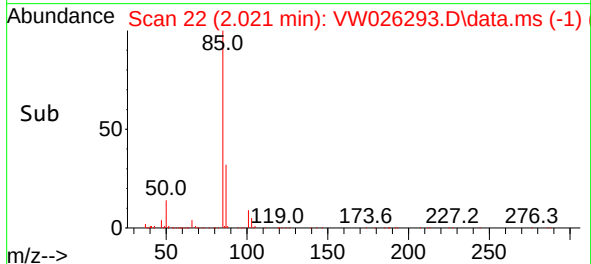
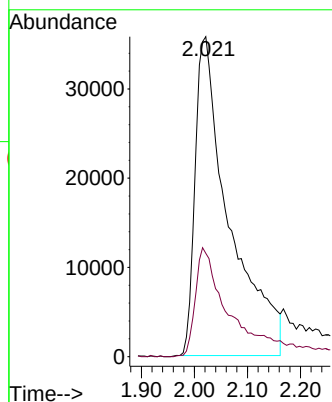
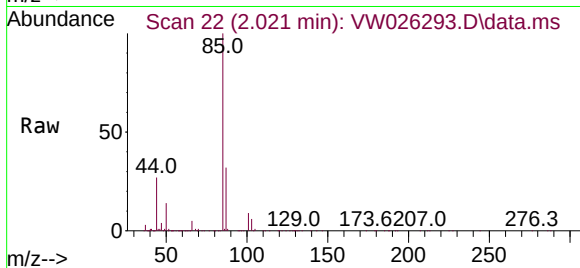




#2
 Dichlorodifluoromethane
 Concen: 20.204 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

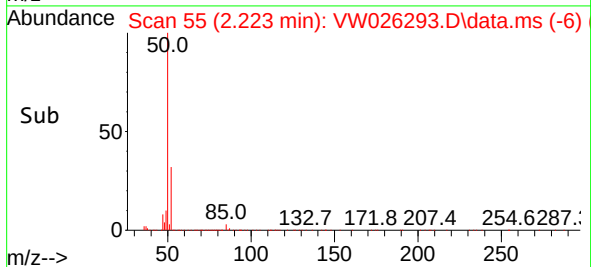
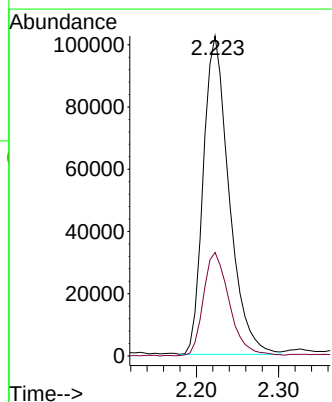
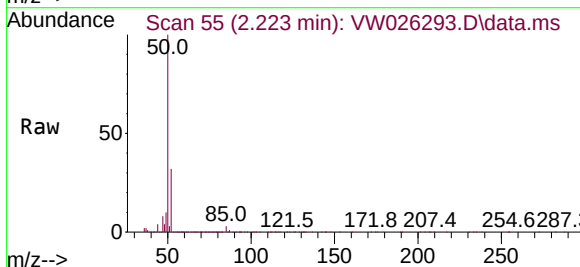
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 ClientSampleId :
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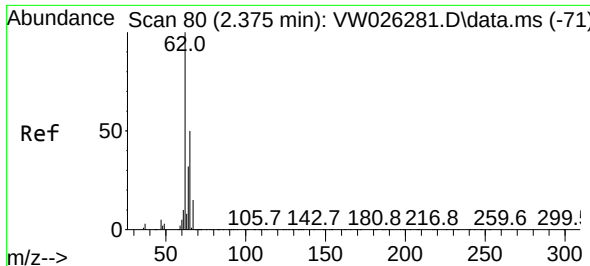
Tgt Ion: 85 Resp: 159298
 Ion Ratio Lower Upper
 85 100
 87 29.4 22.2 33.2



#3
 Chloromethane
 Concen: 22.022 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

Tgt Ion: 50 Resp: 222632
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.3 39.6

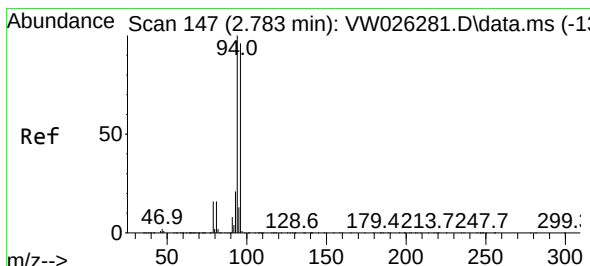
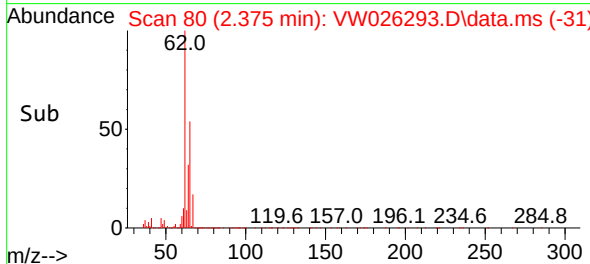
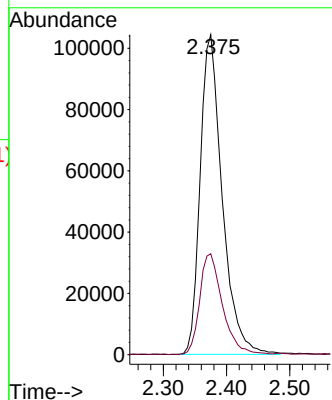
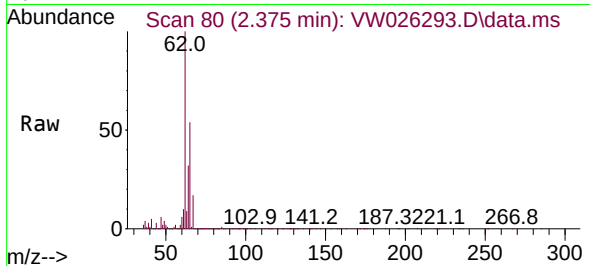




#5
 Vinyl chloride
 Concen: 23.410 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

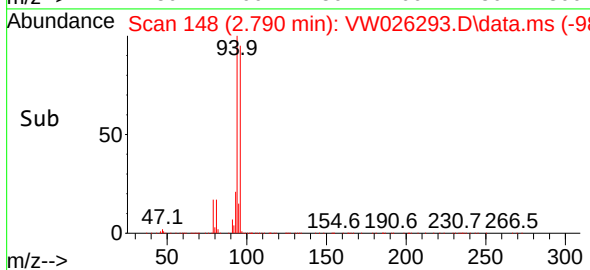
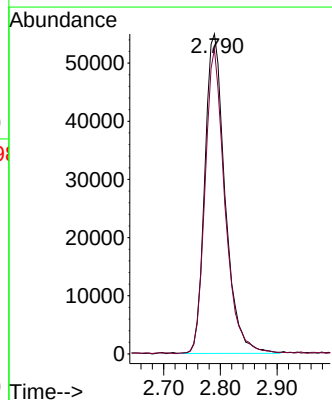
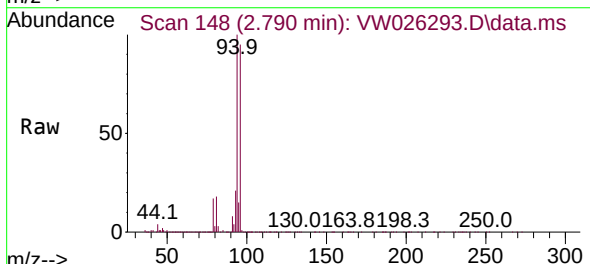
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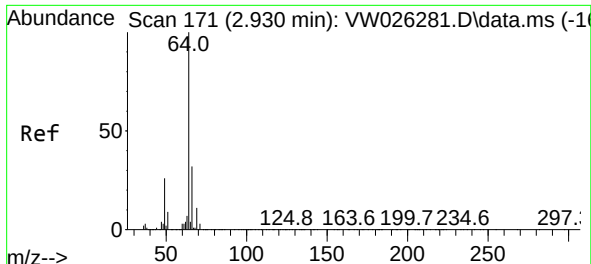
Tgt Ion: 62 Resp: 252975
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 23.105 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

Tgt Ion: 94 Resp: 136110
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.2 119.2

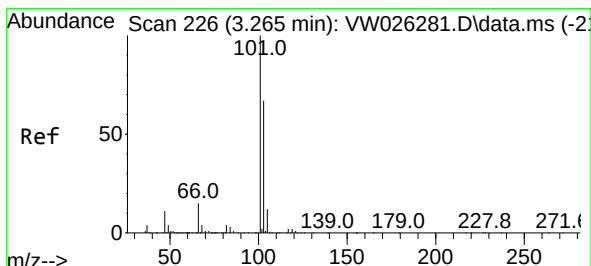
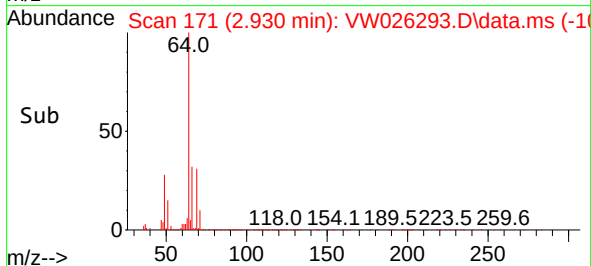
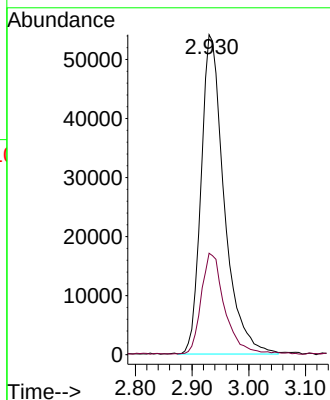
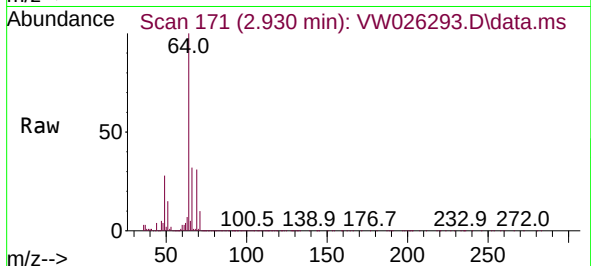




#8
Chloroethane
Concen: 26.253 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

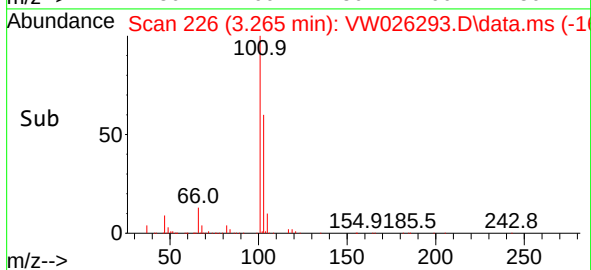
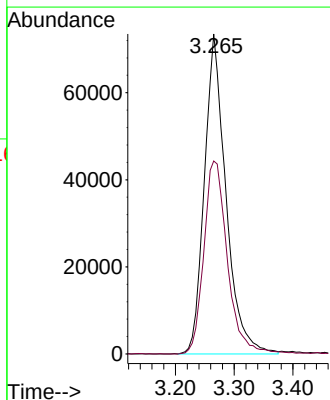
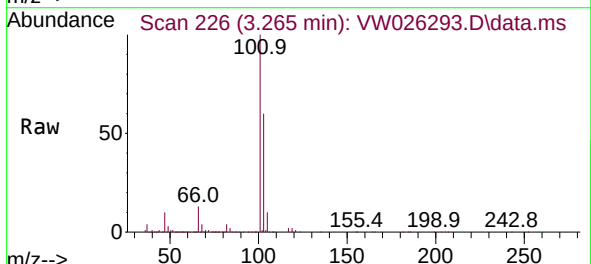
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ClientSampleId :
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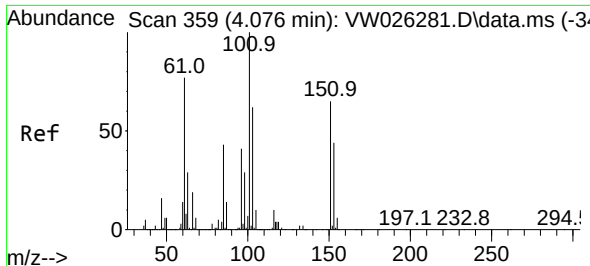
Tgt Ion: 64 Resp: 153305
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 26.959 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 101 Resp: 187418
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

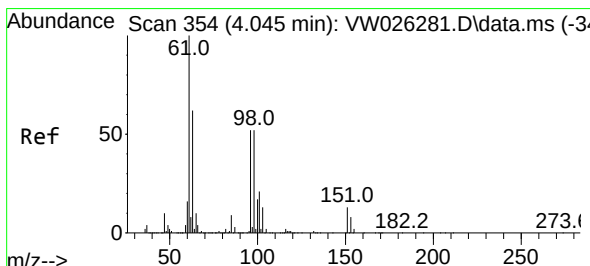
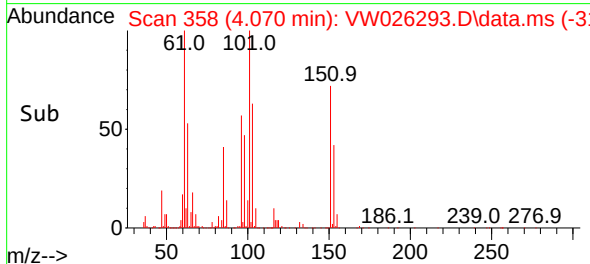
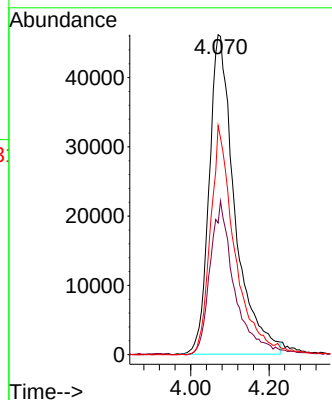
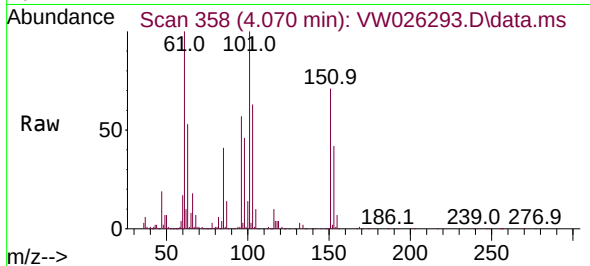




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.856 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026293.D
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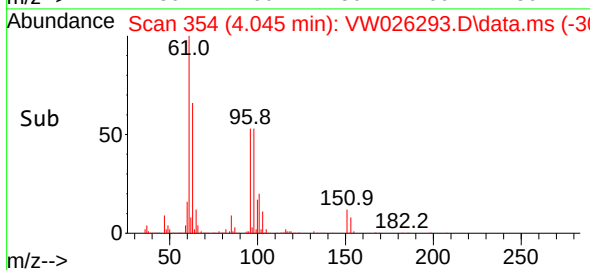
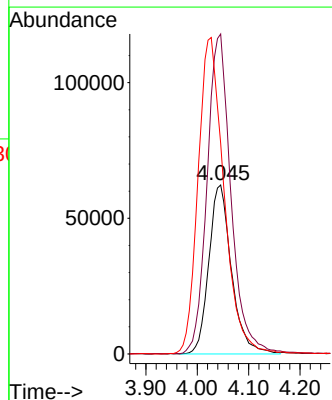
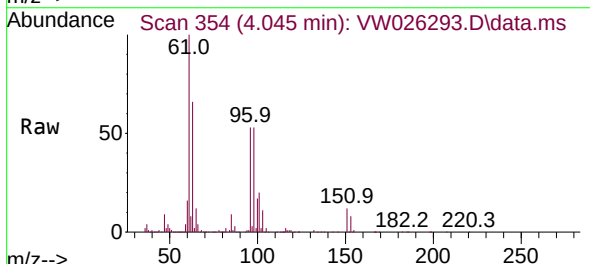
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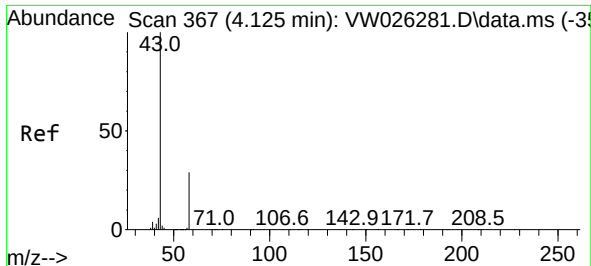
Tgt Ion:101 Resp: 209274
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 67.0 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.332 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

Tgt Ion: 96 Resp: 191057
 Ion Ratio Lower Upper
 96 100
 61 189.3 140.6 261.0
 63 124.6 131.7 244.5#

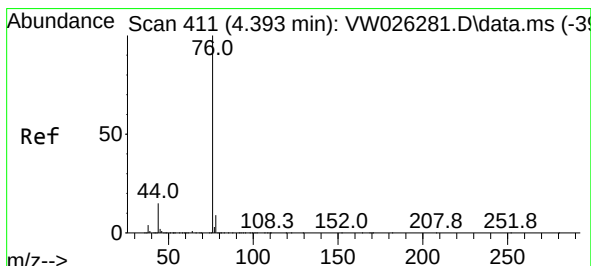
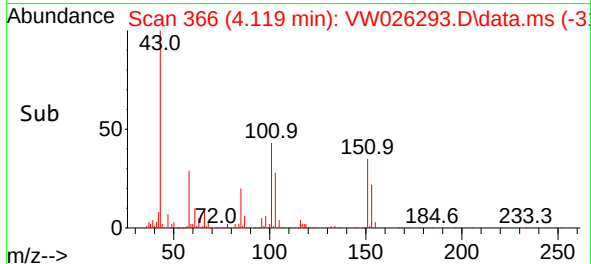
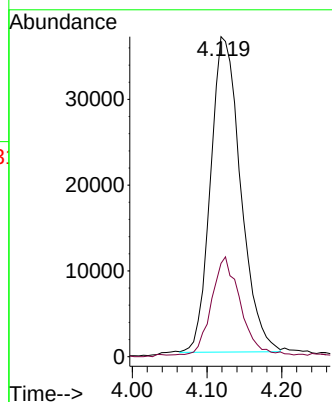
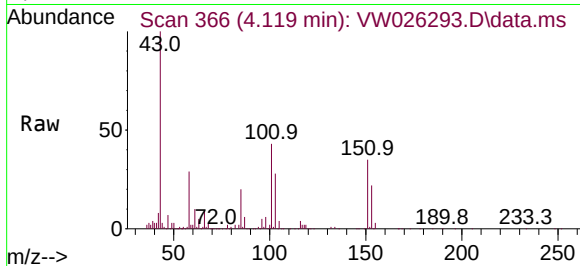




#13
Acetone
Concen: 50.651 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

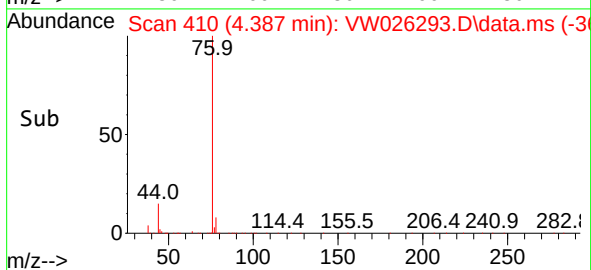
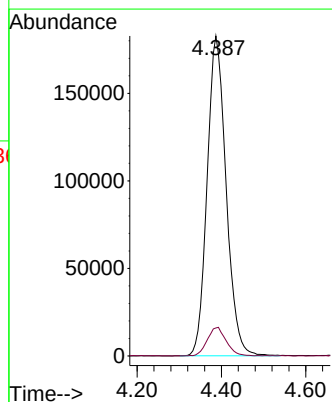
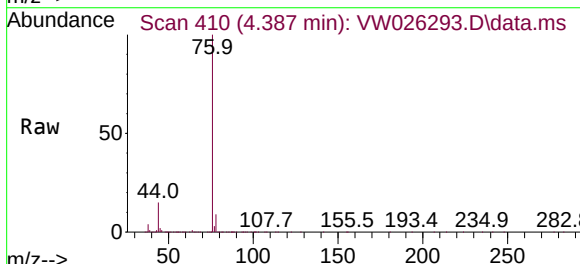
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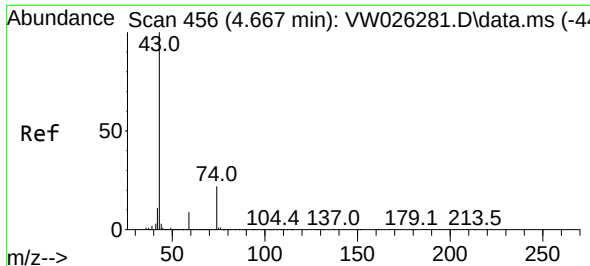
Tgt Ion: 43 Resp: 103239
Ion Ratio Lower Upper
43 100
58 30.2 0.0 58.2



#14
Carbon disulfide
Concen: 19.801 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 572385
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

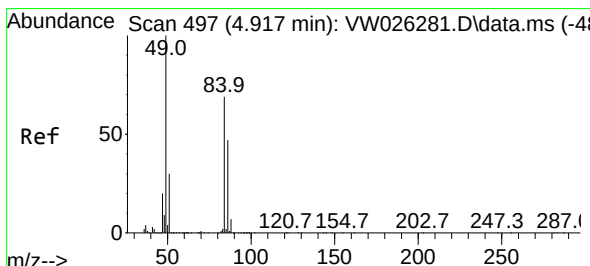
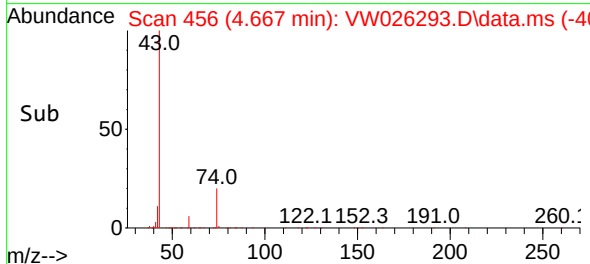
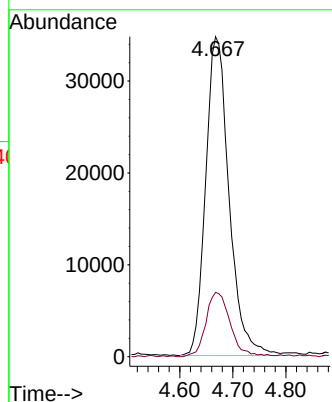
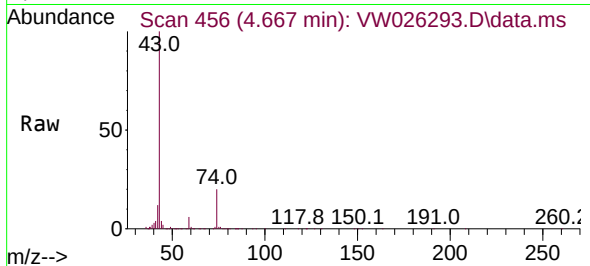




#15
Methyl Acetate
Concen: 23.232 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

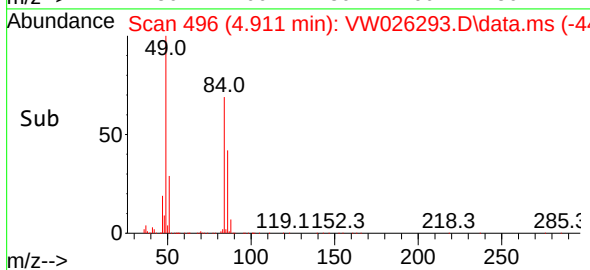
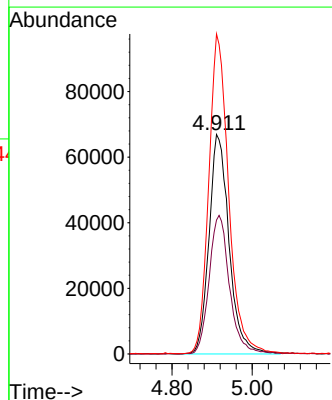
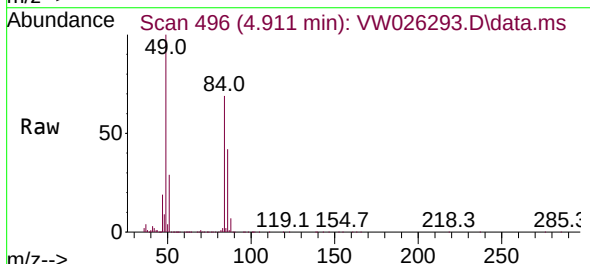
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

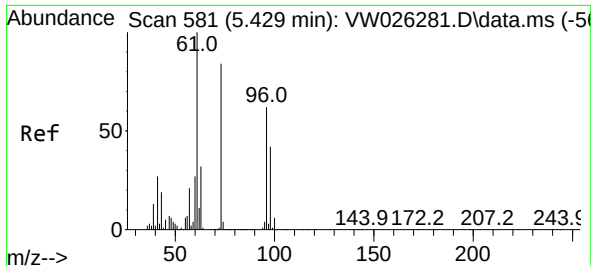
Tgt Ion: 43 Resp: 106276
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 22.675 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 84 Resp: 232762
Ion Ratio Lower Upper
84 100
86 61.0 44.2 82.0
49 145.8 98.8 183.6

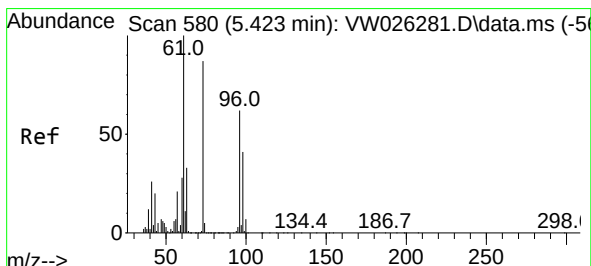
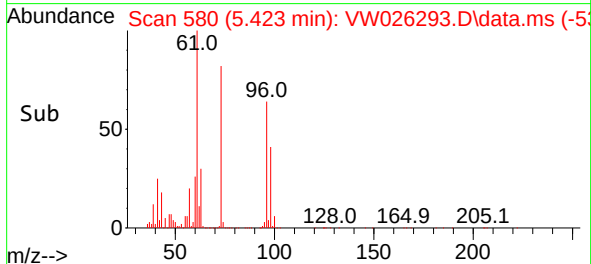
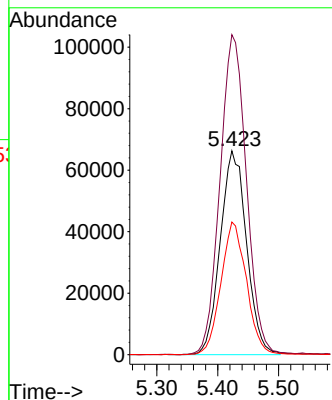
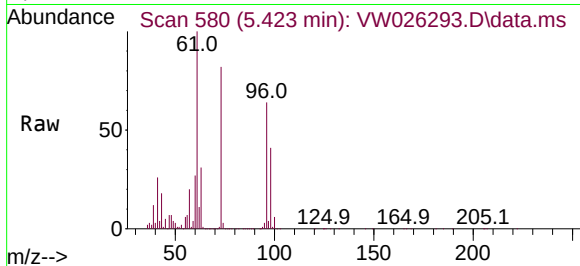




#17
trans-1,2-Dichloroethene
Concen: 21.634 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

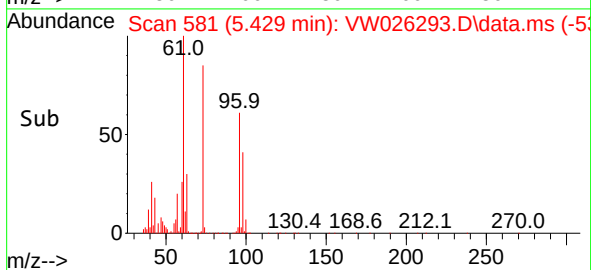
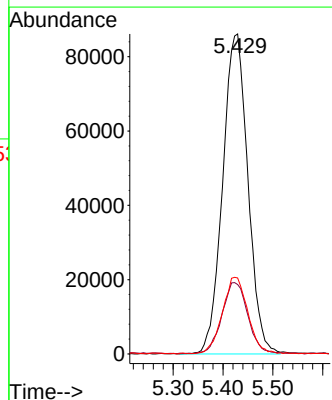
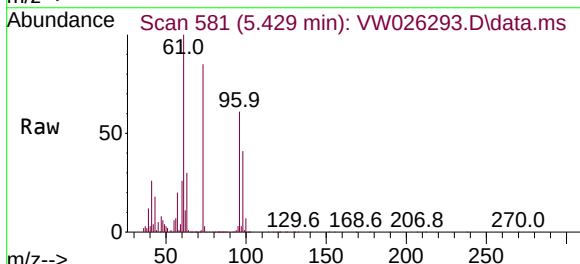
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

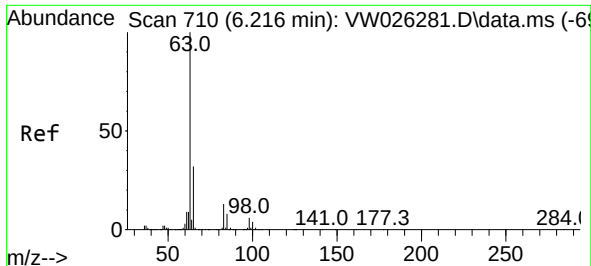
Tgt Ion: 96 Resp: 198763
Ion Ratio Lower Upper
96 100
61 157.0 113.0 209.8
98 65.1 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 20.909 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 73 Resp: 302762
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.301 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

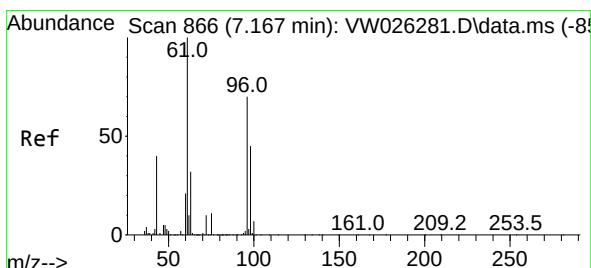
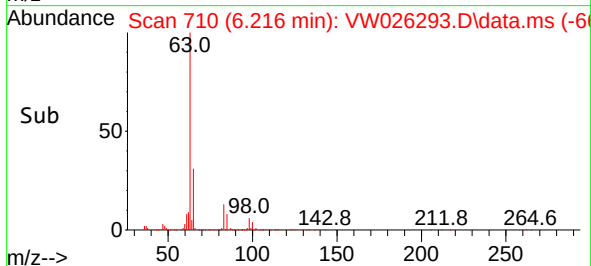
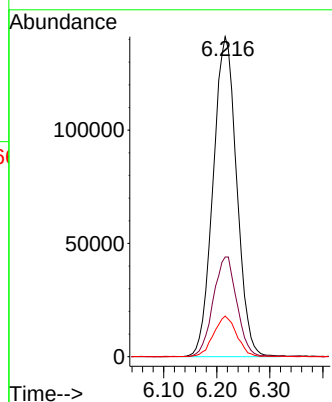
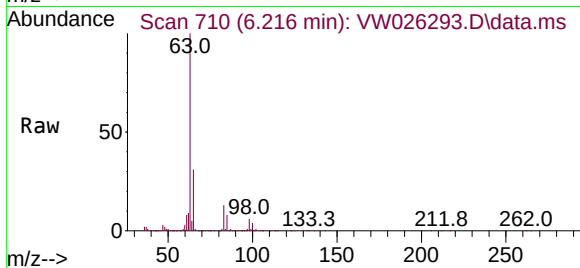
Tgt Ion: 63 Resp: 435829

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.5

83 12.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.706 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

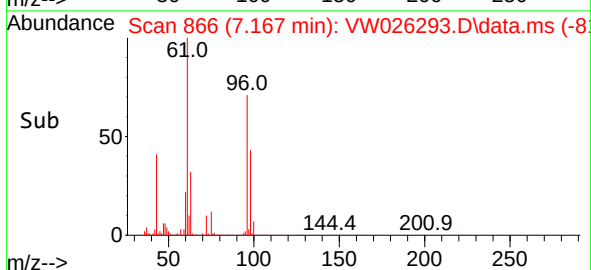
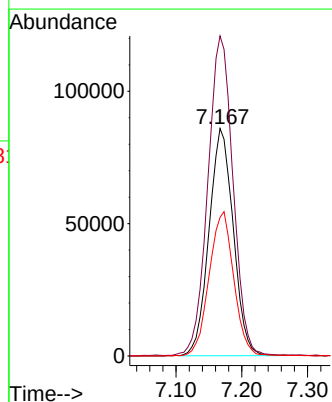
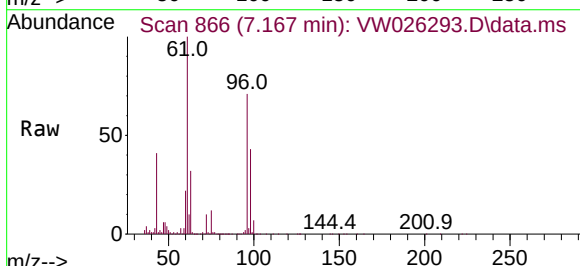
Tgt Ion: 96 Resp: 220978

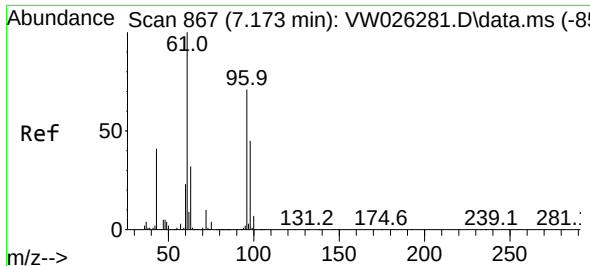
Ion Ratio Lower Upper

96 100

61 140.7 98.4 182.8

98 60.9 45.2 84.0

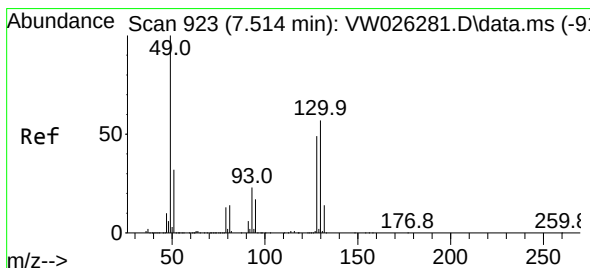
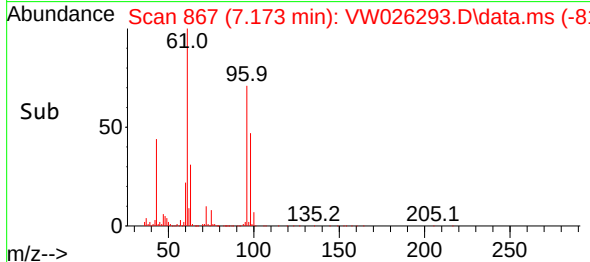
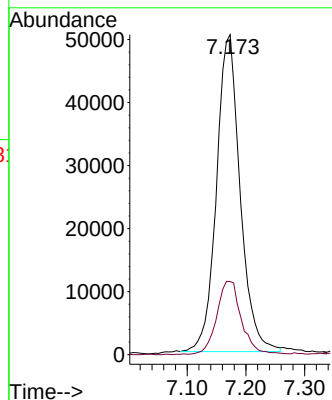
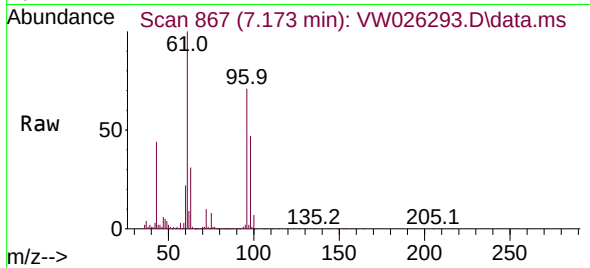




#22
2-Butanone
Concen: 48.419 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

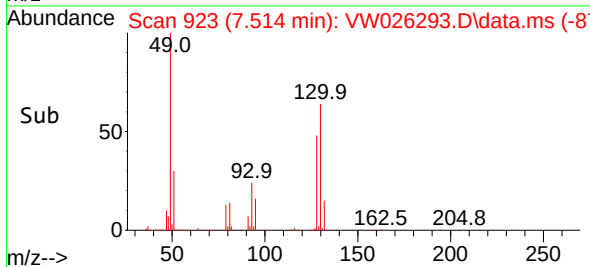
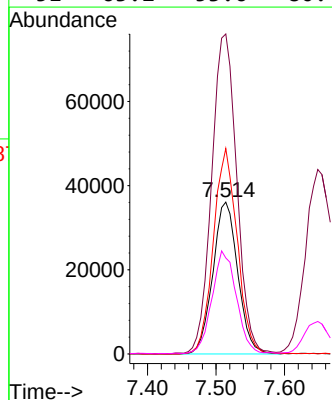
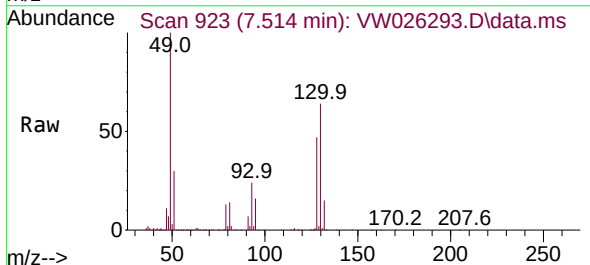
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

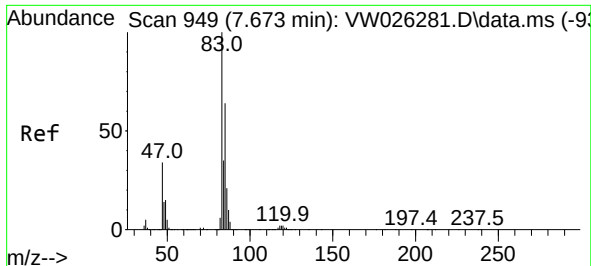
Tgt Ion: 43 Resp: 140780
Ion Ratio Lower Upper
43 100
72 23.5 12.4 37.4



#23
Bromochloromethane
Concen: 21.932 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 128 Resp: 91028
Ion Ratio Lower Upper
128 100
49 210.7 140.6 261.0
130 135.2 86.0 159.6
51 63.2 53.6 80.4

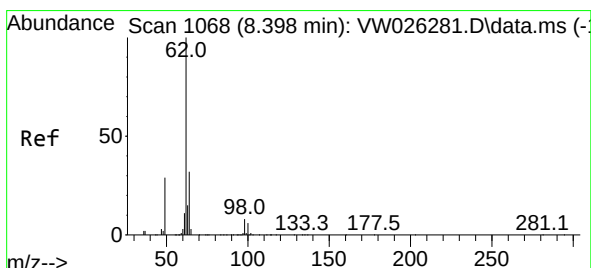
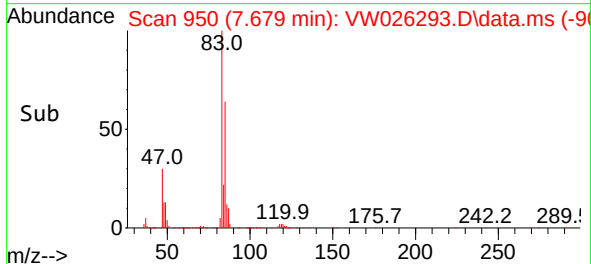
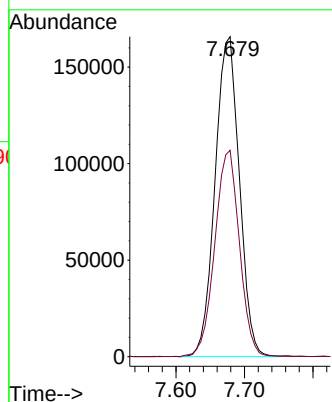
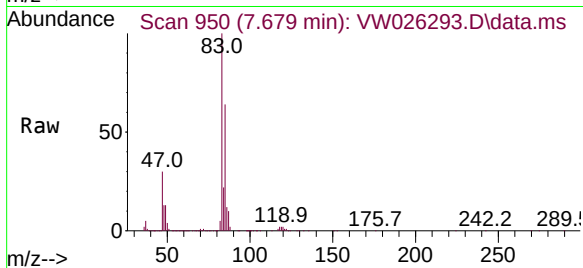




#25
Chloroform
Concen: 23.423 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

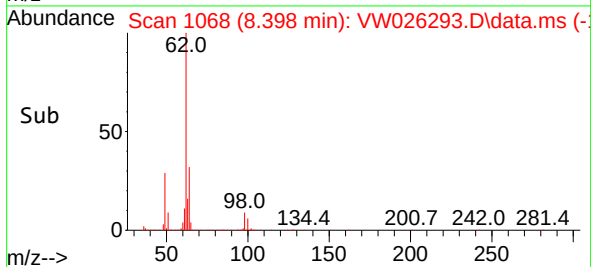
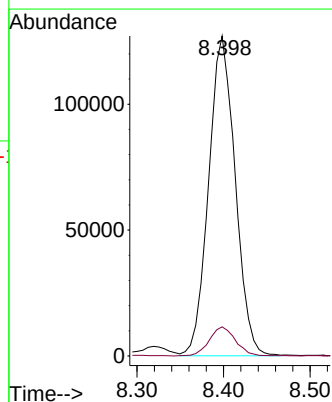
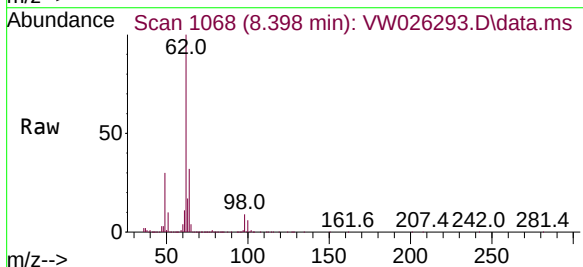
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

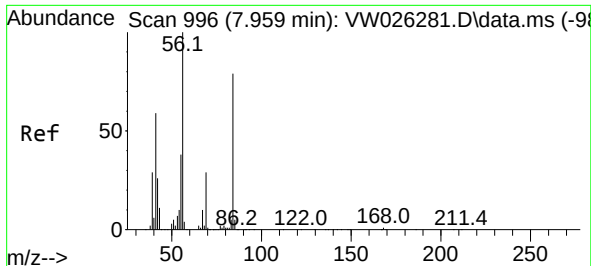
Tgt Ion: 83 Resp: 408055
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.528 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 62 Resp: 270684
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2





#29

Cyclohexane

Concen: 20.442 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

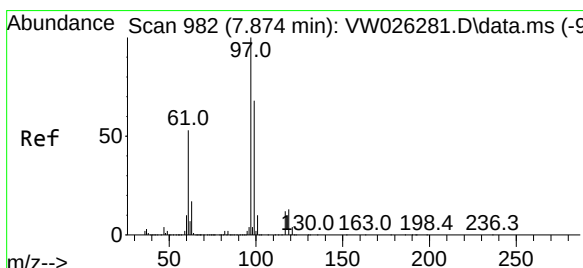
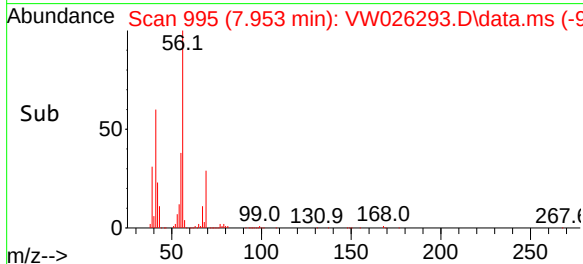
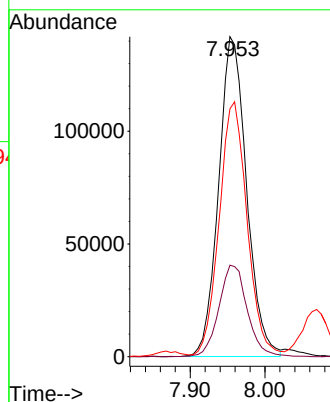
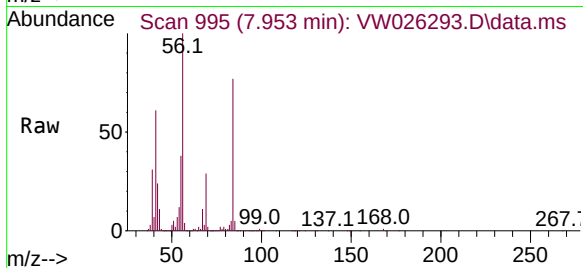
Tgt Ion: 56 Resp: 369219

Ion Ratio Lower Upper

56 100

69 29.0 23.3 34.9

84 79.8 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 23.172 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

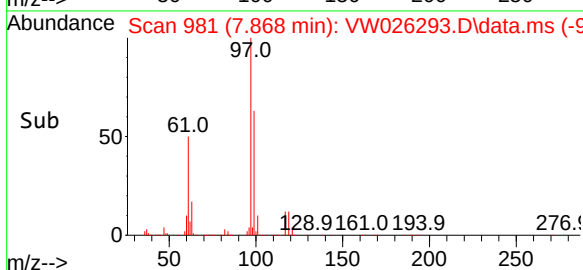
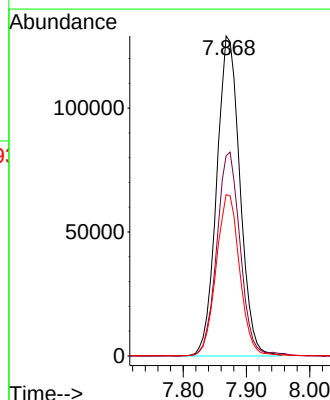
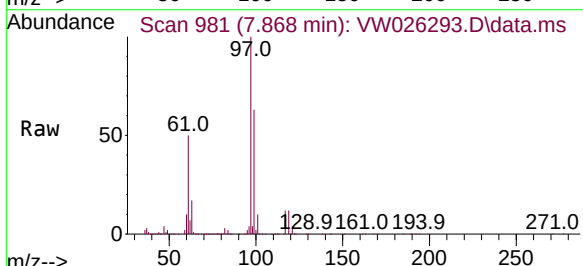
Tgt Ion: 97 Resp: 328971

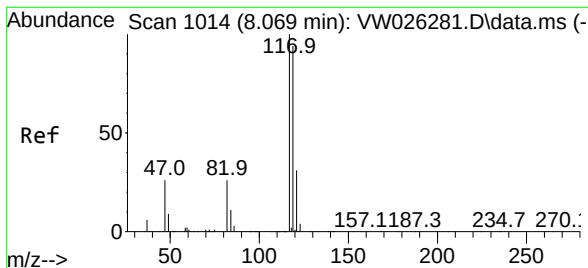
Ion Ratio Lower Upper

97 100

99 63.7 50.6 76.0

61 51.0 40.5 60.7

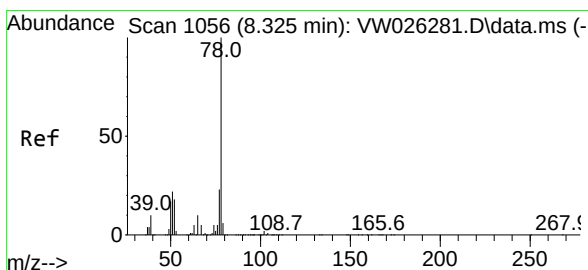
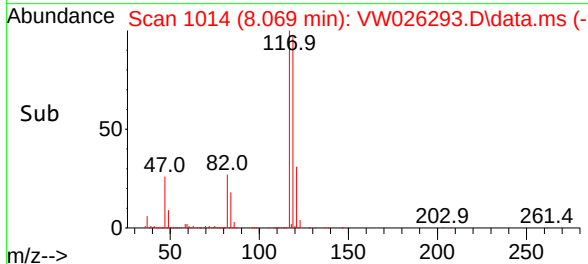
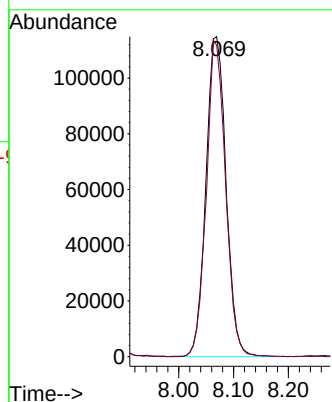
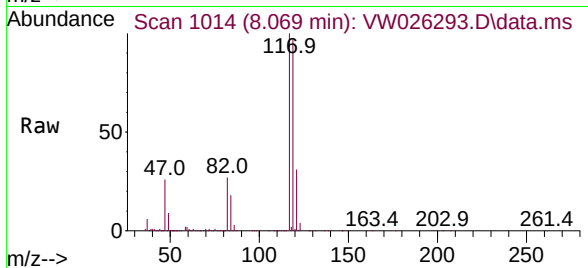




#31
Carbon tetrachloride
Concen: 22.563 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

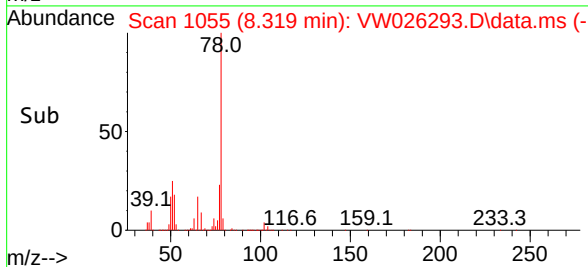
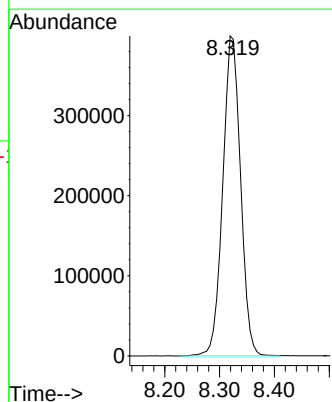
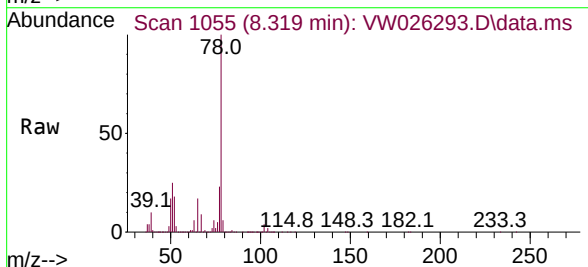
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

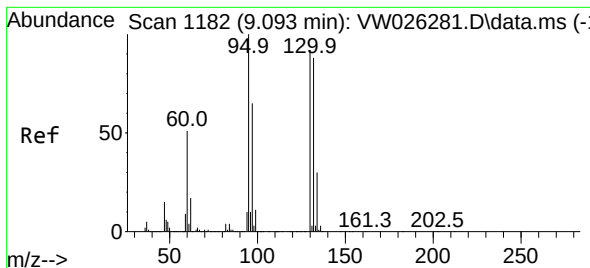
Tgt Ion:117 Resp: 292315
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2



#33
Benzene
Concen: 22.502 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 78 Resp: 901771





#34

Trichloroethene

Concen: 21.623 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

Tgt Ion: 95 Resp: 221890

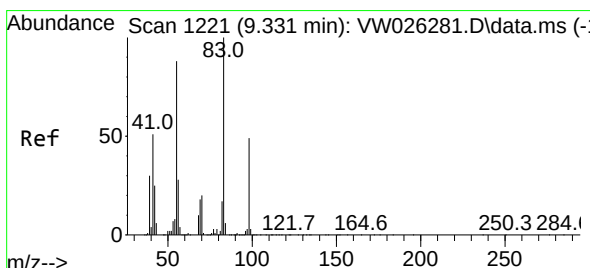
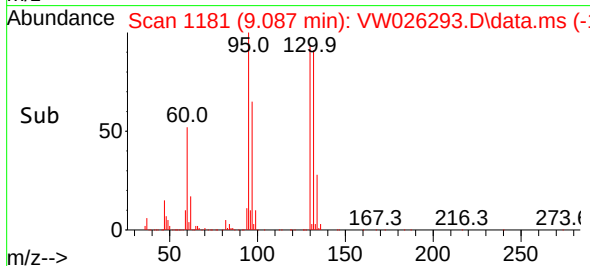
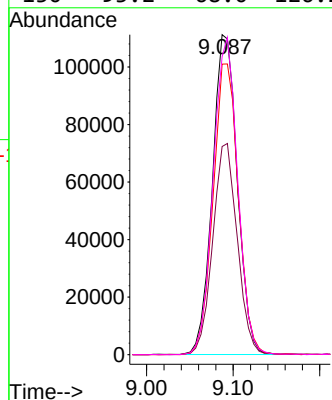
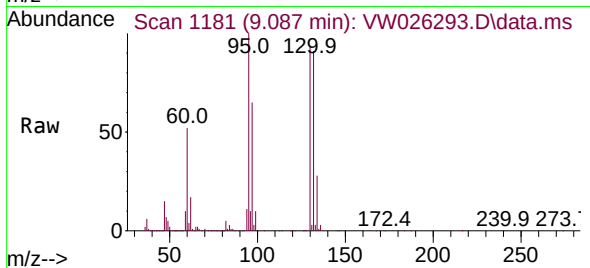
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 90.8 67.1 124.7

130 93.2 68.0 126.2



#35

Methylcyclohexane

Concen: 20.728 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

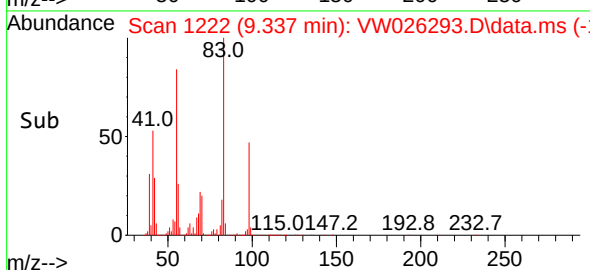
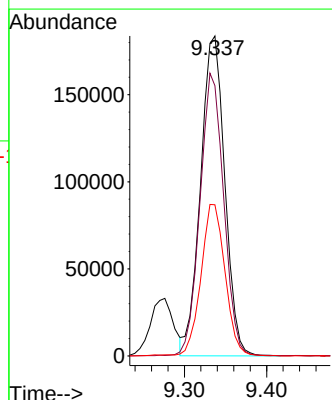
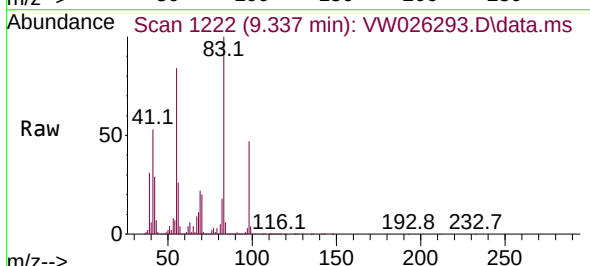
Tgt Ion: 83 Resp: 376397

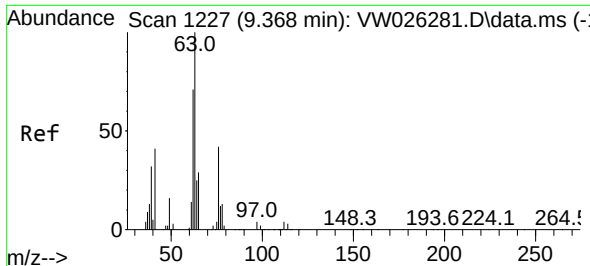
Ion Ratio Lower Upper

83 100

55 86.4 68.2 102.4

98 47.0 38.1 57.1

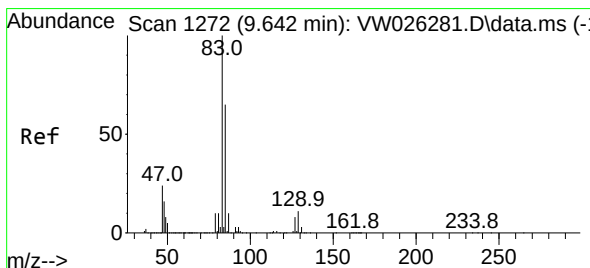
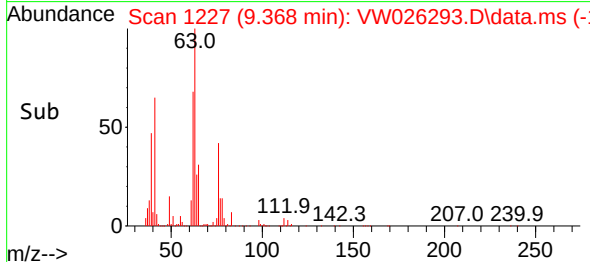
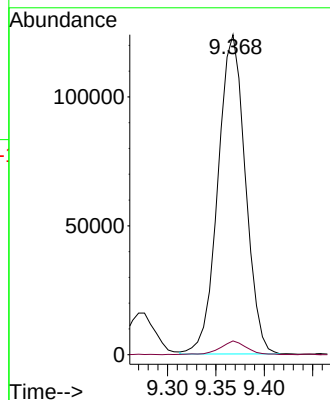
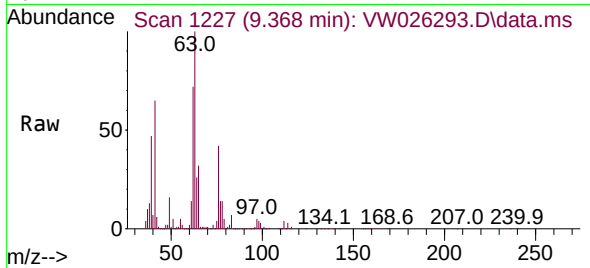




#37
1,2-Dichloropropane
Concen: 22.469 ug/L
RT: 9.368 min Scan# 112
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

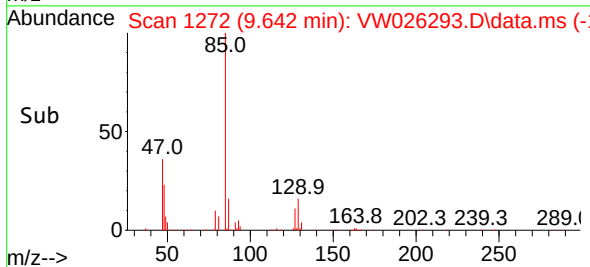
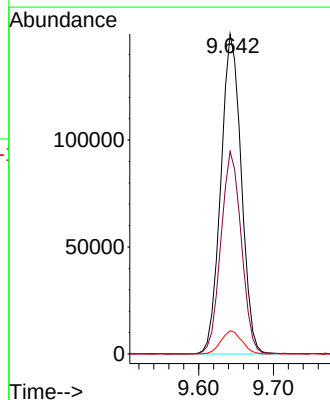
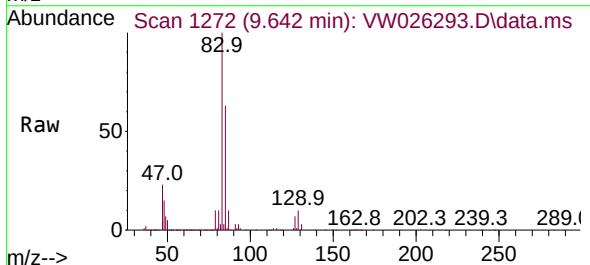
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

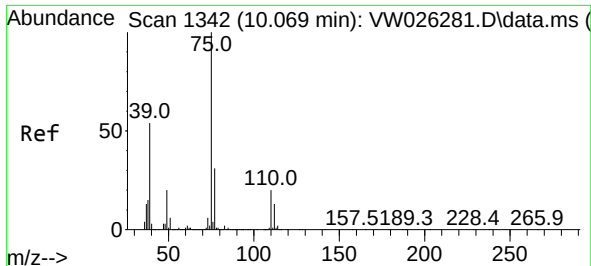
Tgt Ion: 63 Resp: 243892
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 22.582 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 83 Resp: 284776
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.0
127 7.2 6.2 9.2

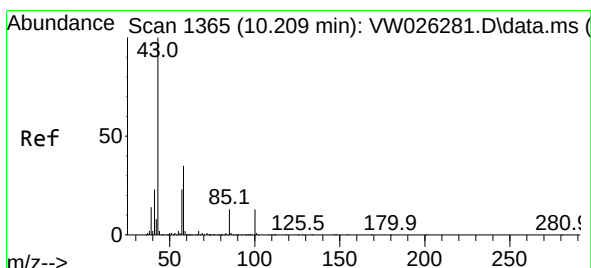
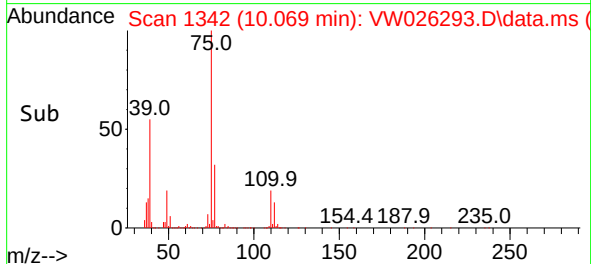
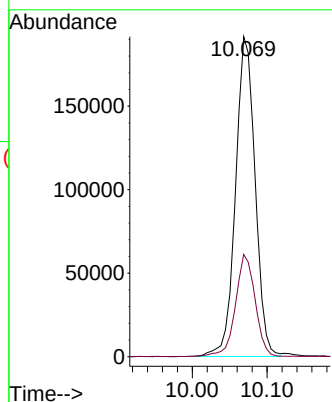
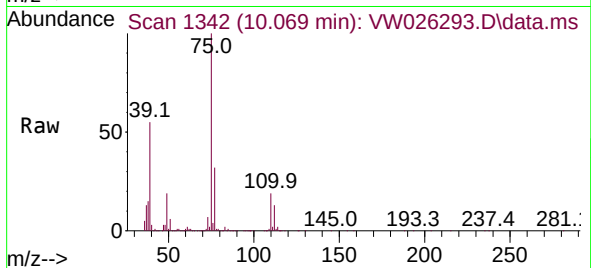




#39
 cis-1,3-Dichloropropene
 Concen: 21.868 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

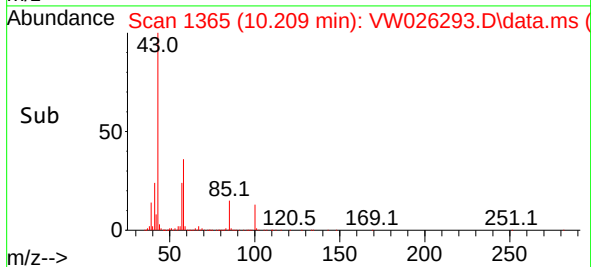
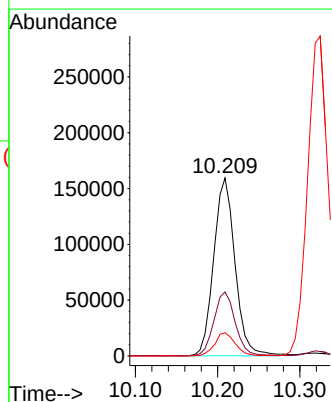
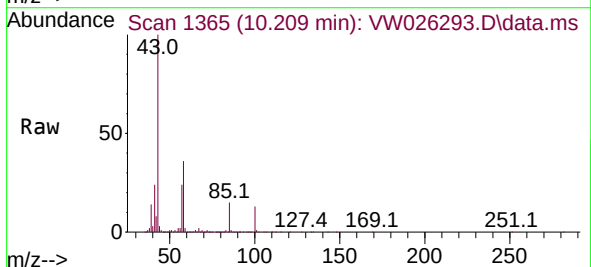
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

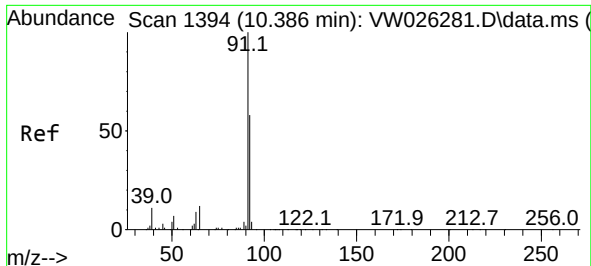
Tgt Ion: 75 Resp: 348836
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 44.858 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026293.D
 Acq: 22 Jun 2023 09:52

Tgt Ion: 43 Resp: 287071
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.4
 100 12.8 10.5 15.7

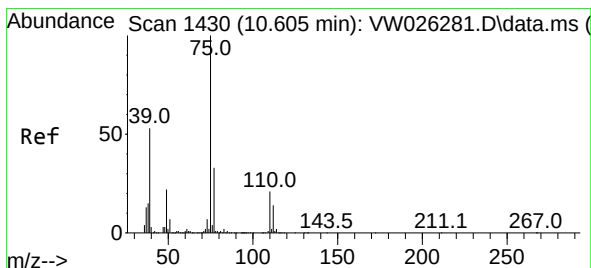
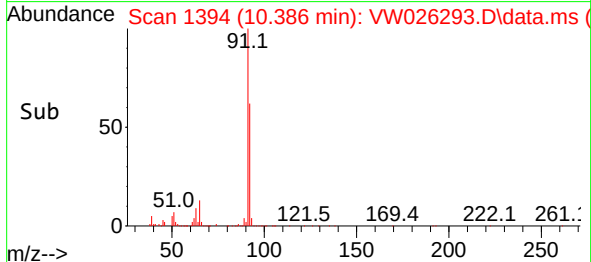
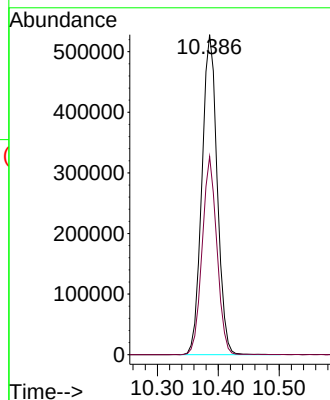
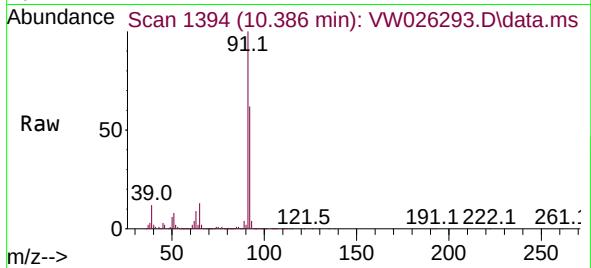




#42
Toluene
Concen: 22.436 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

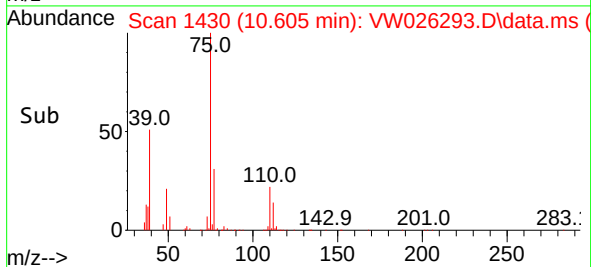
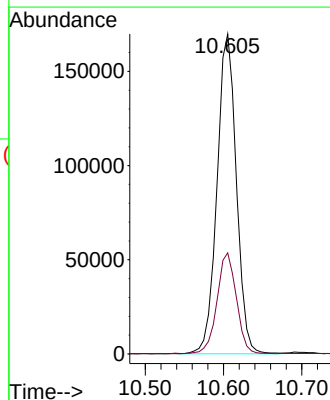
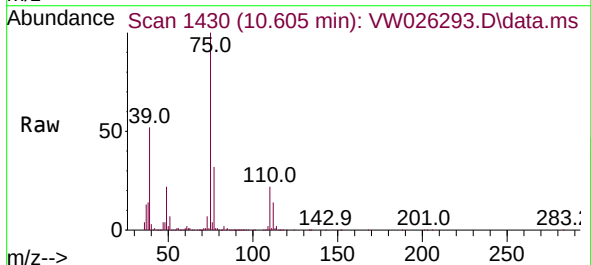
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

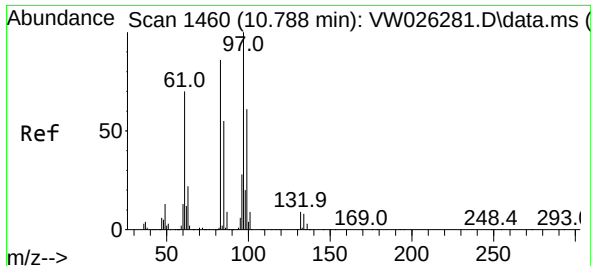
Tgt Ion: 91 Resp: 919675
Ion Ratio Lower Upper
91 100
92 61.9 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.914 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 75 Resp: 291220
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.3



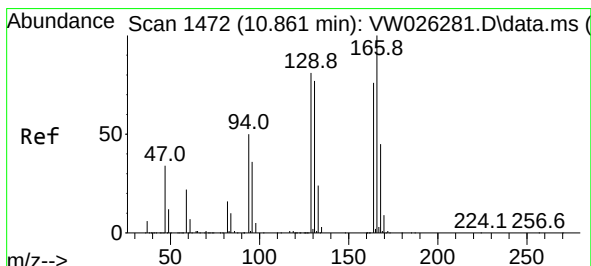
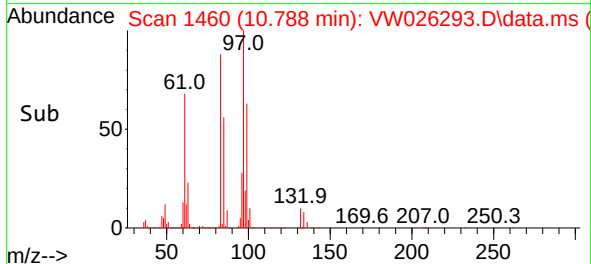
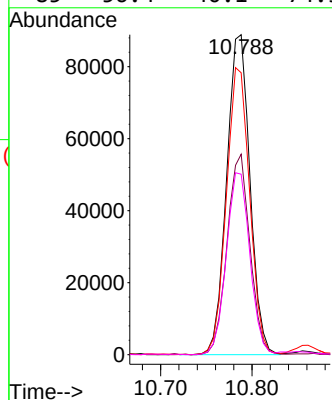
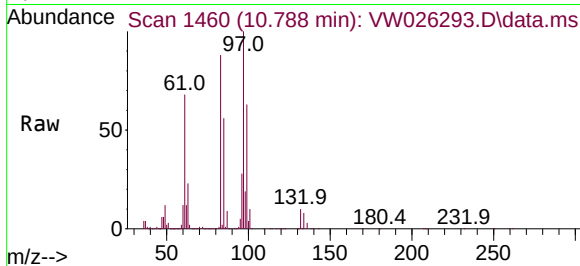


#45
1,1,2-Trichloroethane
Concen: 22.056 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Tgt Ion: 97 Resp: 157788

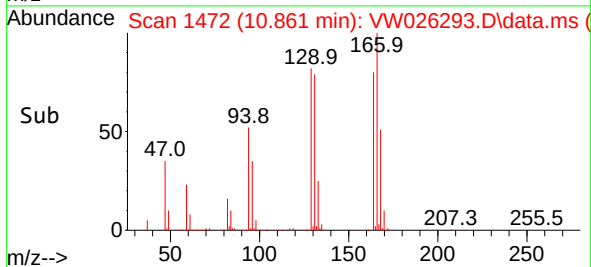
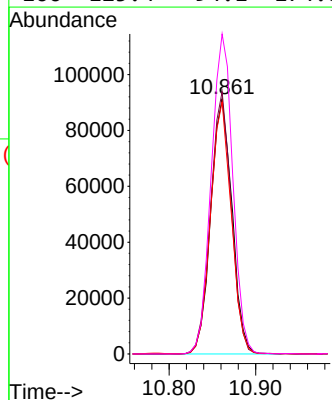
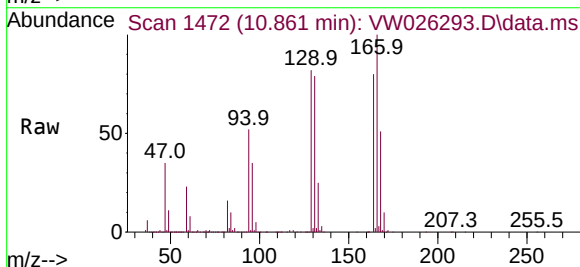
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.5
83	88.1	62.9	116.9
85	56.4	40.1	74.5

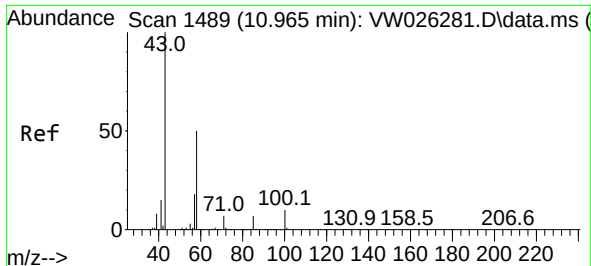


#46
Tetrachloroethene
Concen: 21.417 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 164 Resp: 155452

Ion	Ratio	Lower	Upper
164	100		
129	102.8	68.5	127.1
131	98.9	67.1	124.7
166	125.4	94.1	174.8



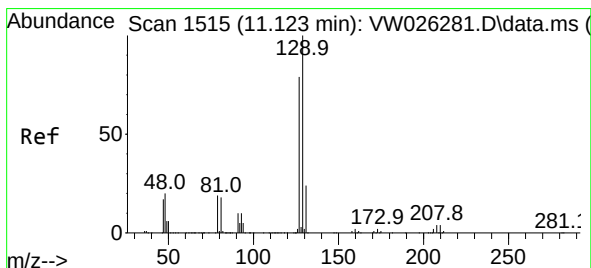
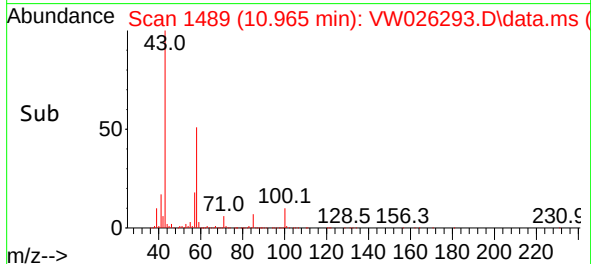
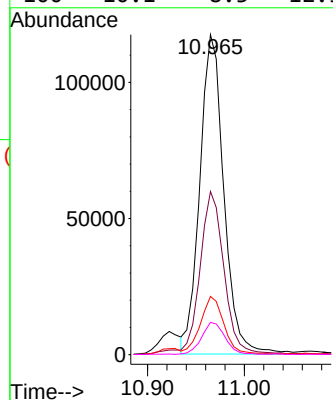
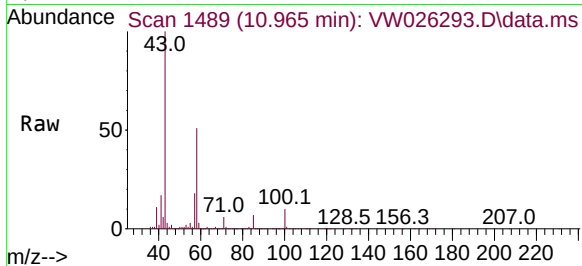


#48
2-Hexanone
Concen: 44.890 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Tgt Ion: 43 Resp: 202558

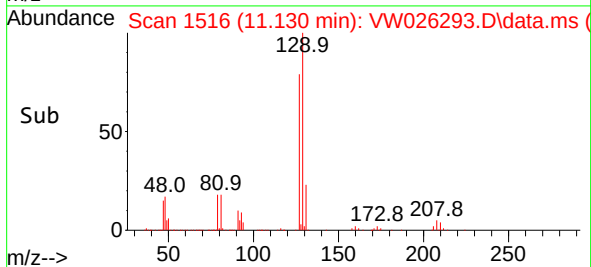
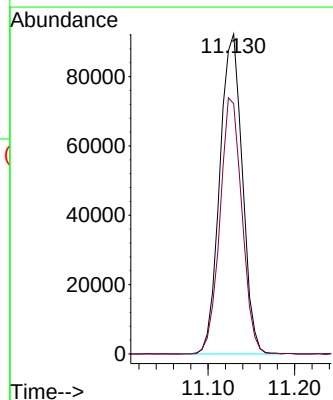
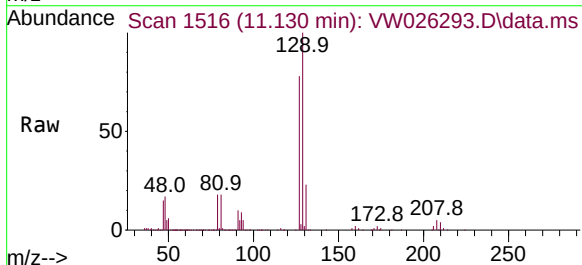
Ion	Ratio	Lower	Upper
43	100		
58	49.7	42.2	63.2
57	18.1	14.2	21.2
100	10.1	8.3	12.5

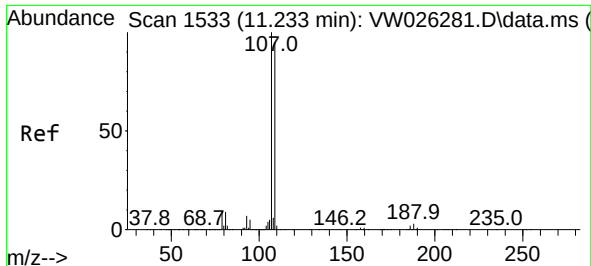


#49
Dibromochloromethane
Concen: 22.277 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 129 Resp: 167093

Ion	Ratio	Lower	Upper
129	100		
127	78.2	56.9	105.7

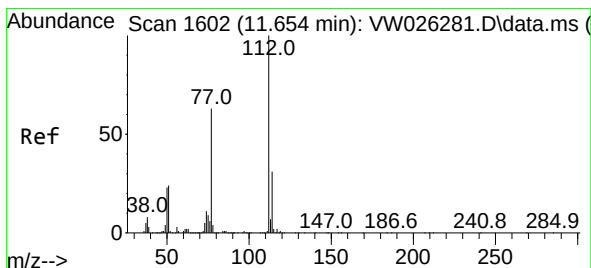
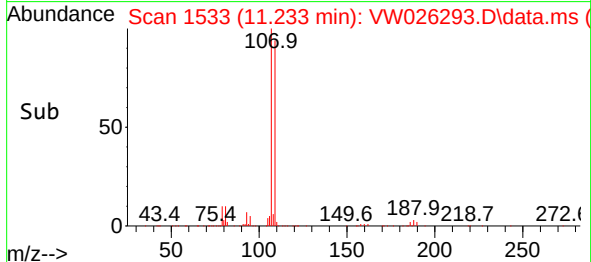
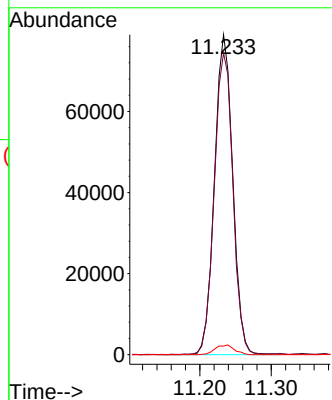
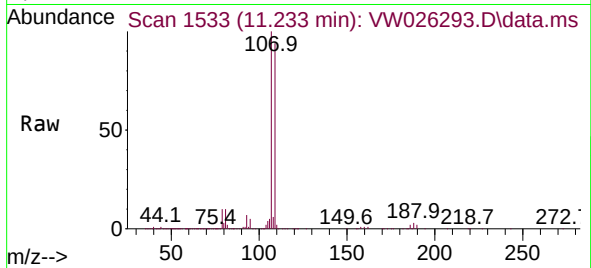




#50
1,2-Dibromoethane
Concen: 21.106 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

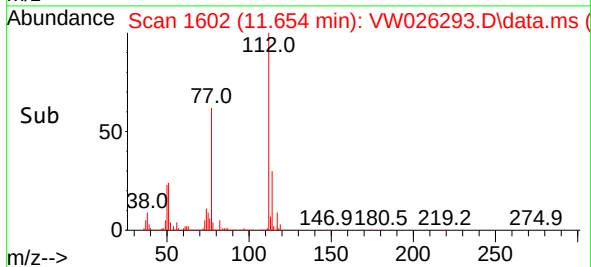
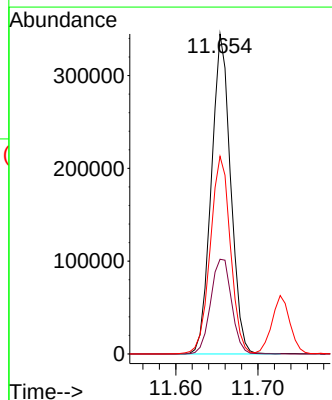
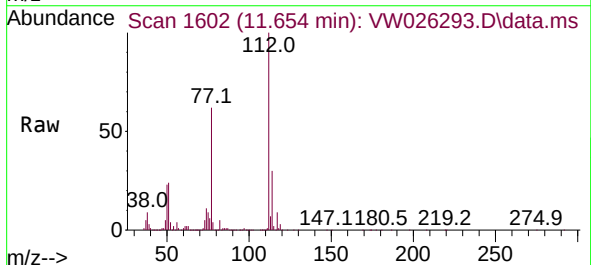
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

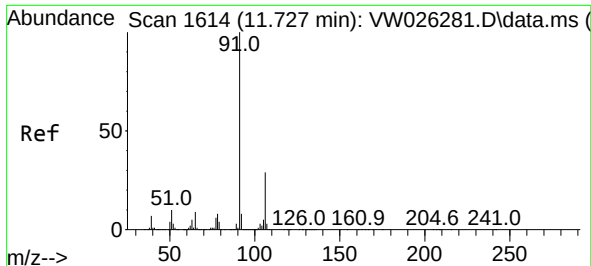
Tgt Ion:107 Resp: 139807
Ion Ratio Lower Upper
107 100
109 94.3 64.0 119.0
188 2.7 2.6 3.8



#51
Chlorobenzene
Concen: 21.859 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:112 Resp: 561471
Ion Ratio Lower Upper
112 100
114 29.6 23.0 42.6
77 61.7 50.9 76.3

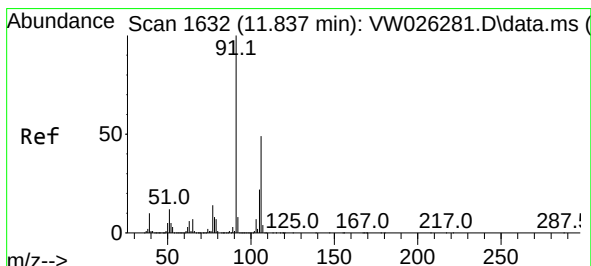
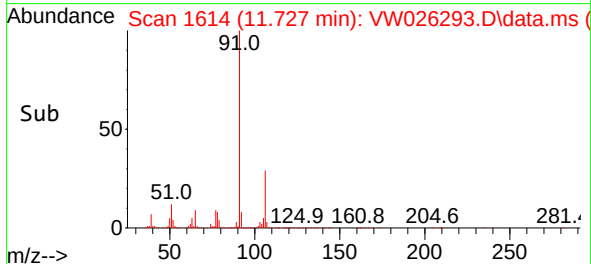
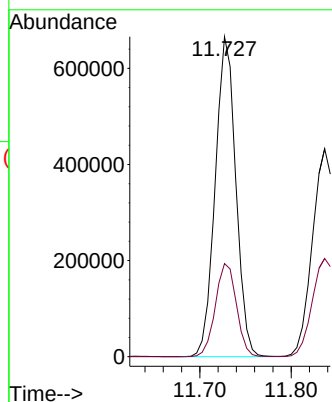
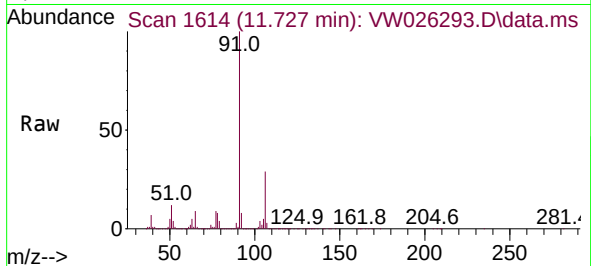




#52
Ethylbenzene
Concen: 22.563 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

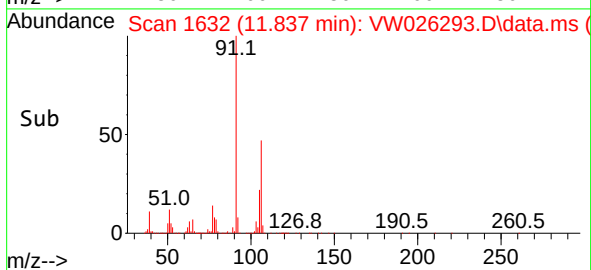
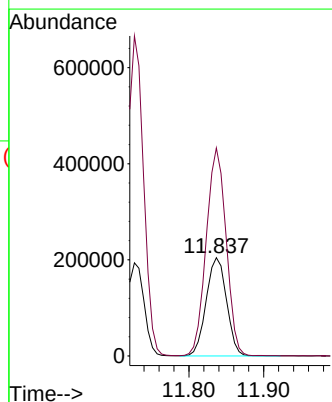
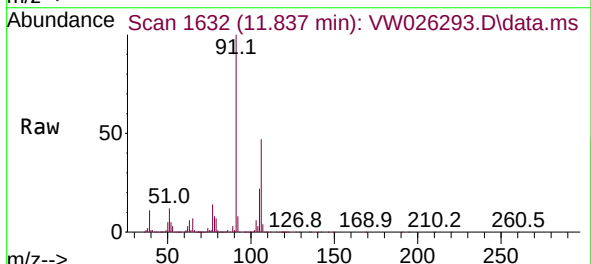
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

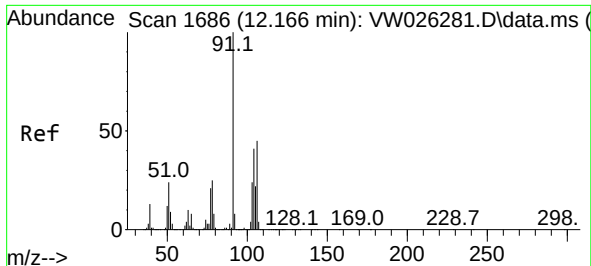
Tgt Ion: 91 Resp: 1043317
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4



#53
m,p-Xylene
Concen: 22.475 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:106 Resp: 386613
Ion Ratio Lower Upper
106 100
91 211.8 149.5 277.7

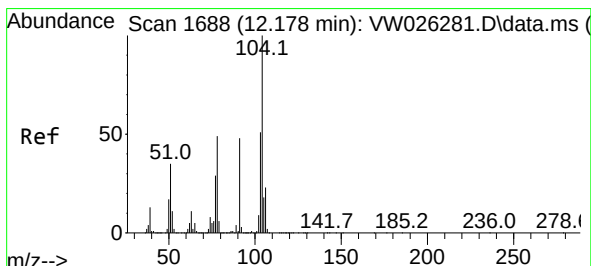
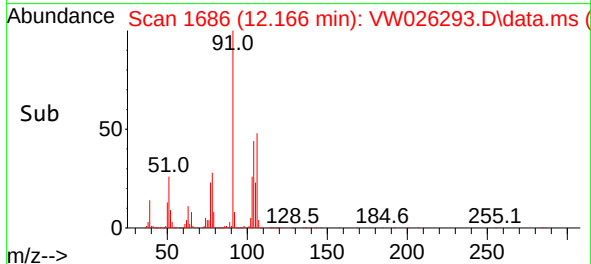
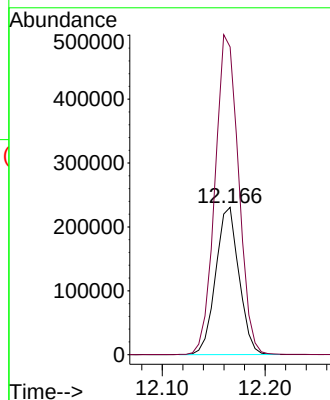
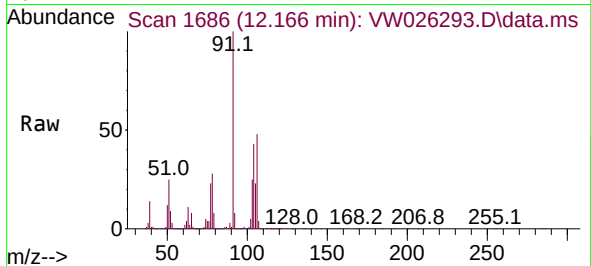




#54
o-Xylene
Concen: 22.344 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

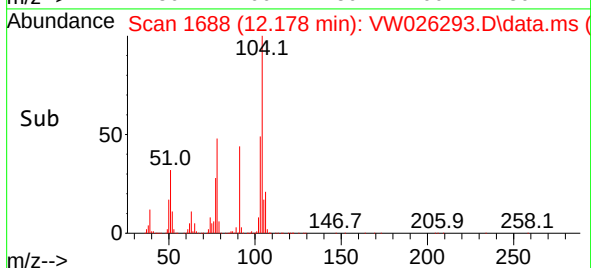
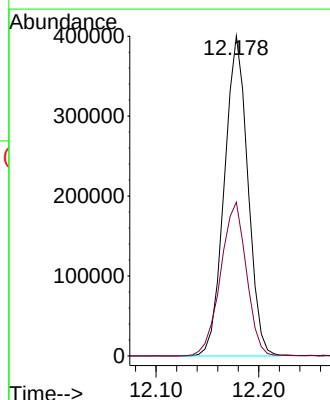
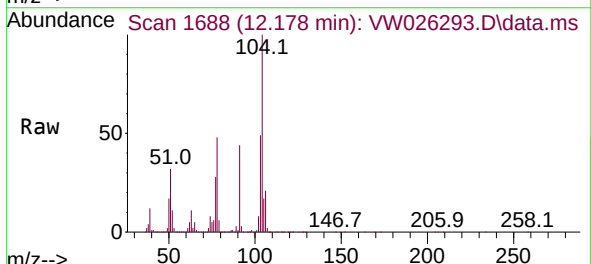
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

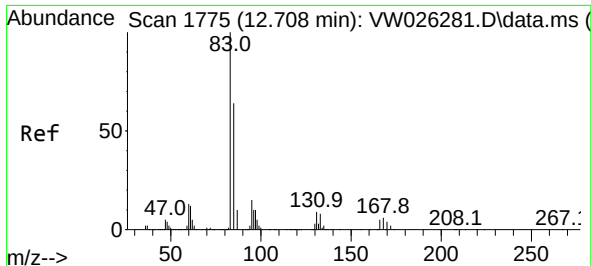
Tgt Ion:106 Resp: 362770
Ion Ratio Lower Upper
106 100
91 208.9 150.9 280.3



#55
Styrene
Concen: 22.775 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:104 Resp: 634371
Ion Ratio Lower Upper
104 100
78 48.1 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.364 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

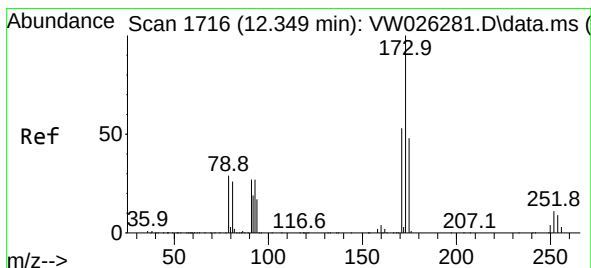
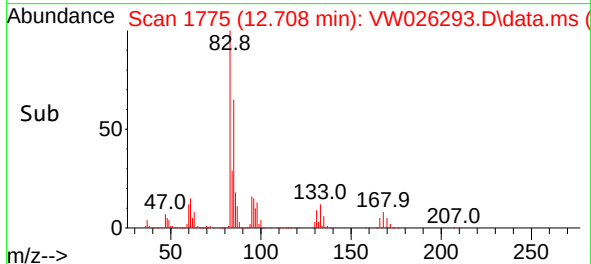
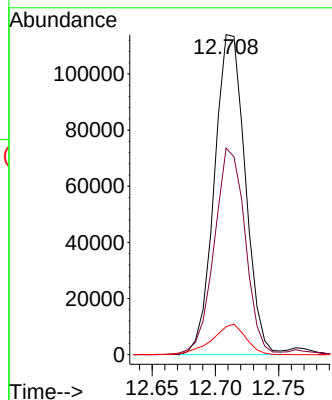
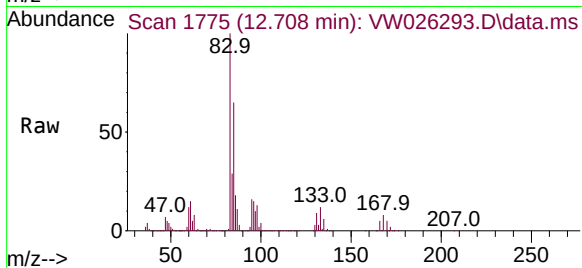
Tgt Ion: 83 Resp: 193625

Ion Ratio Lower Upper

83 100

85 64.5 42.6 79.0

131 8.7 7.2 10.8



#59

Bromoform

Concen: 20.178 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

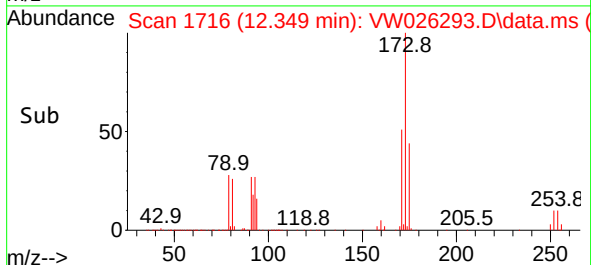
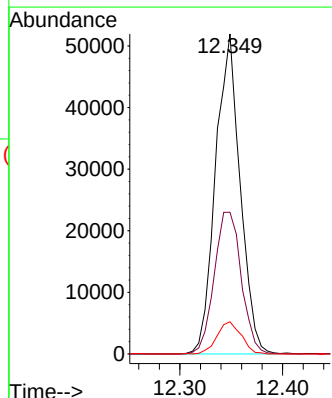
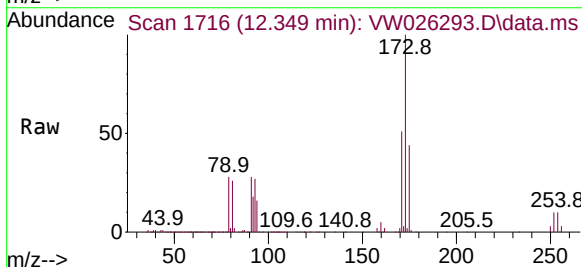
Tgt Ion:173 Resp: 86237

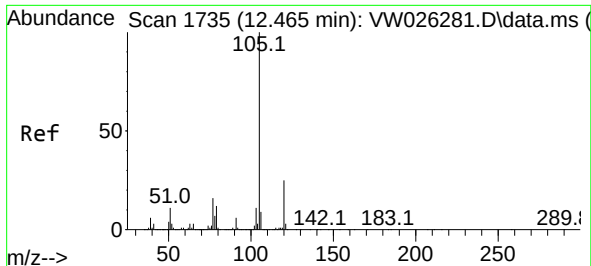
Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

254 9.9 7.4 11.0

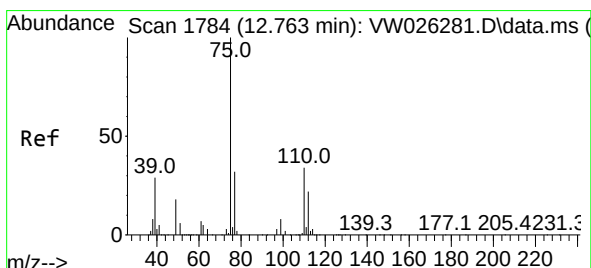
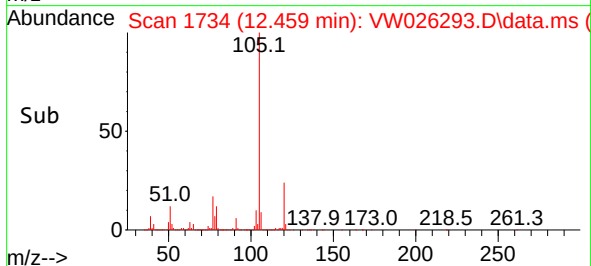
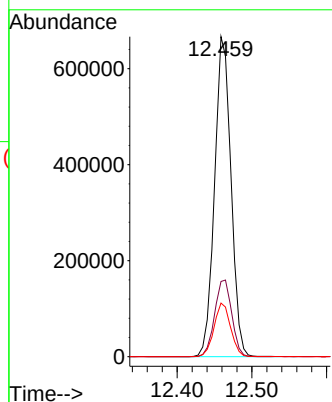
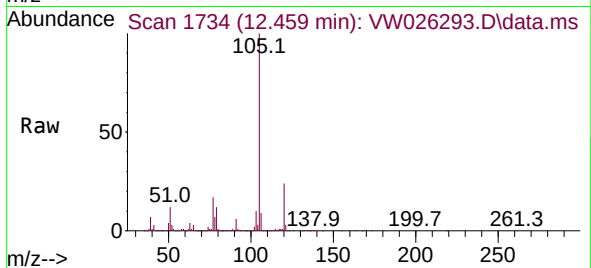




#60
Isopropylbenzene
Concen: 22.823 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

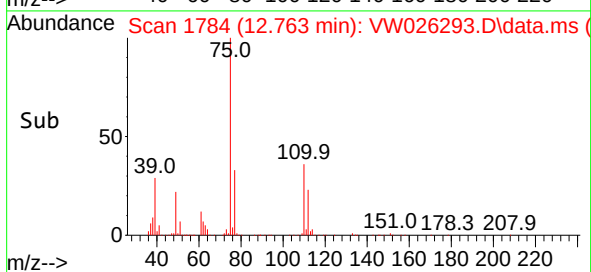
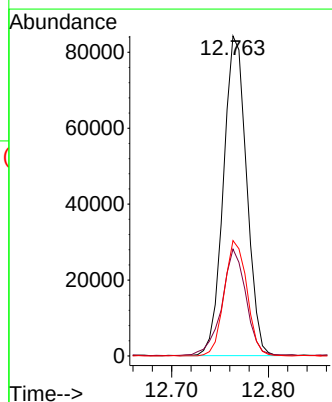
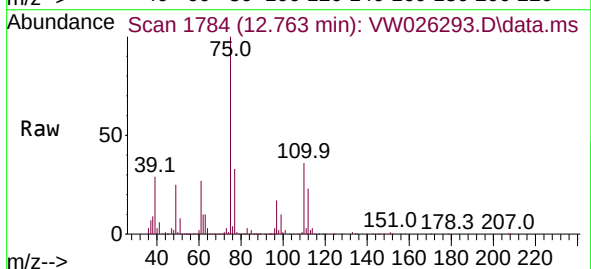
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

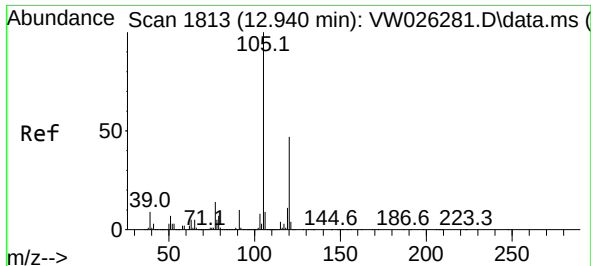
Tgt Ion:105 Resp: 1020198
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8
77 16.9 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 21.988 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 75 Resp: 140145
Ion Ratio Lower Upper
75 100
77 34.8 25.2 37.8
110 35.4 28.7 43.1

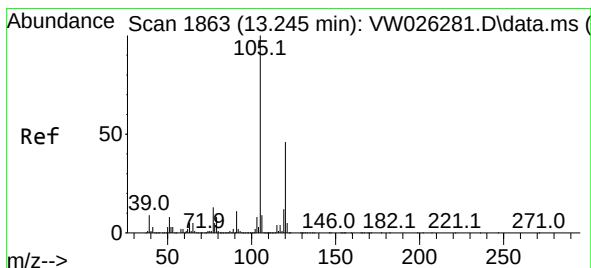
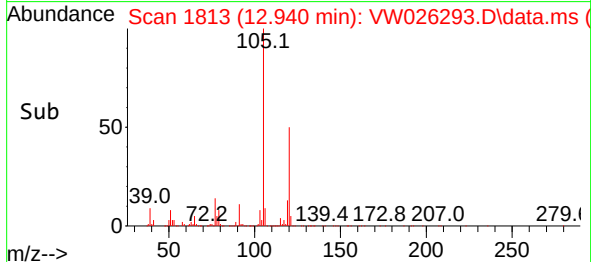
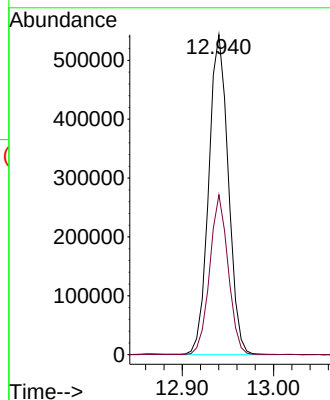
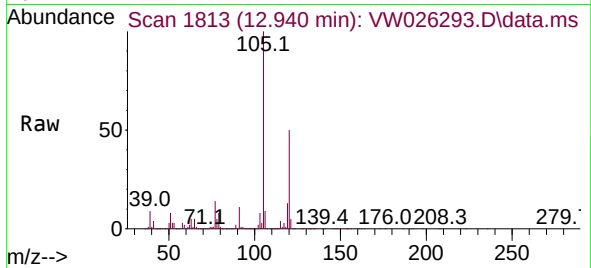




#62
1,3,5-Trimethylbenzene
Concen: 22.806 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

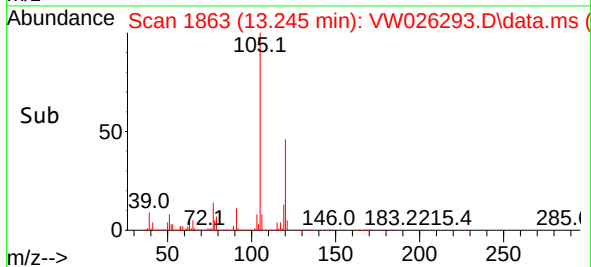
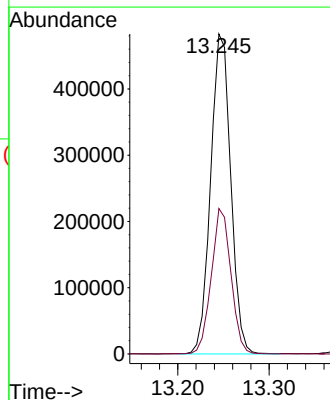
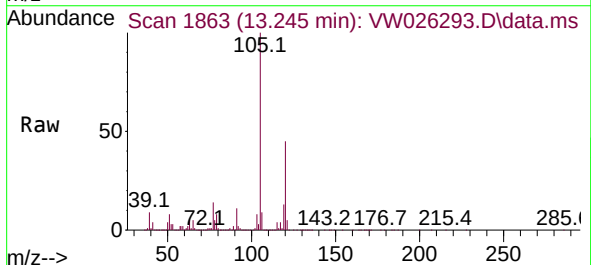
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

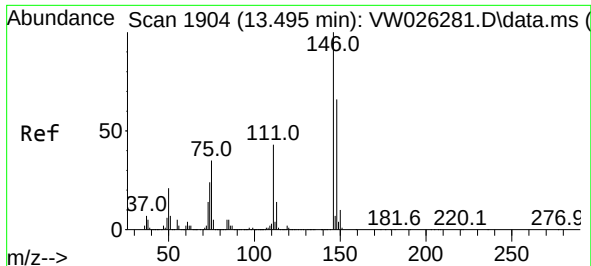
Tgt Ion:105 Resp: 810420
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 22.655 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:105 Resp: 737341
Ion Ratio Lower Upper
105 100
120 44.5 36.2 54.2

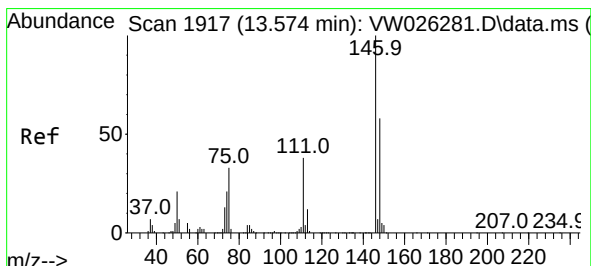
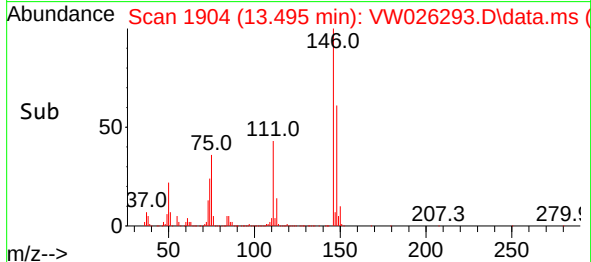
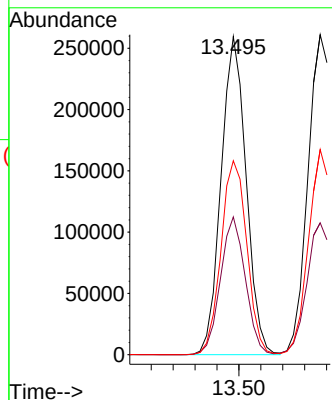
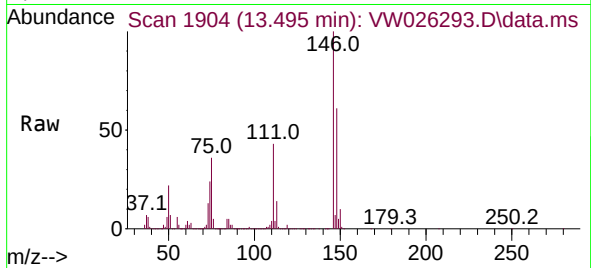




#64
1,3-Dichlorobenzene
Concen: 21.921 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

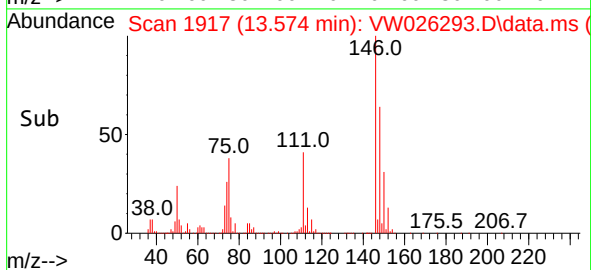
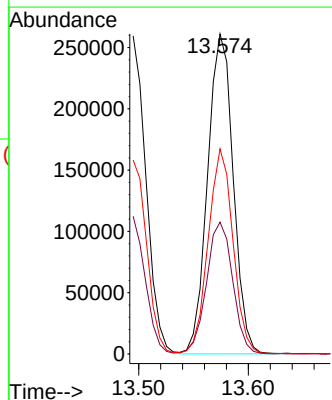
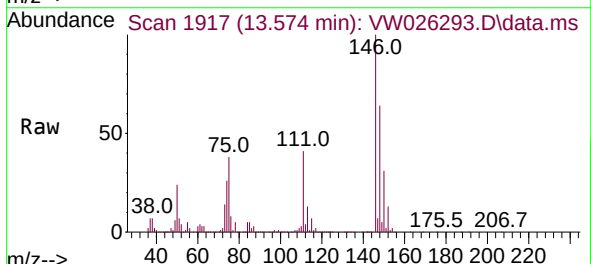
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

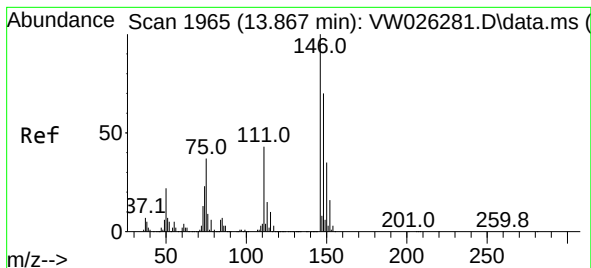
Tgt Ion:146 Resp: 412009
Ion Ratio Lower Upper
146 100
111 43.3 29.7 55.1
148 61.0 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.424 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:146 Resp: 424325
Ion Ratio Lower Upper
146 100
111 41.2 29.2 54.2
148 64.1 42.8 79.6

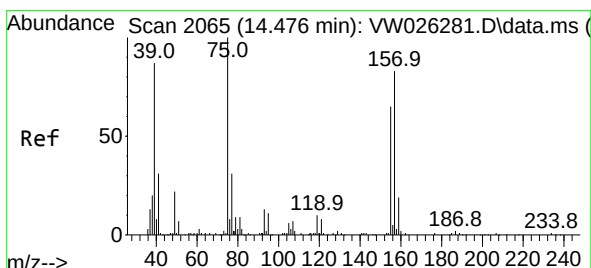
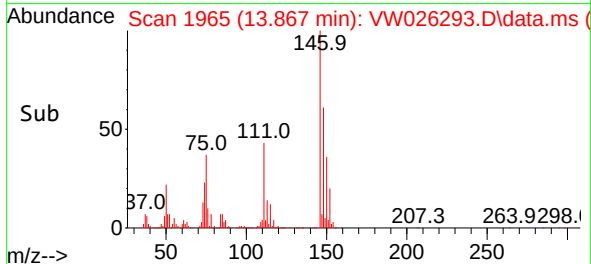
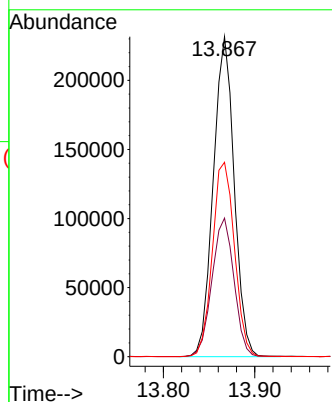
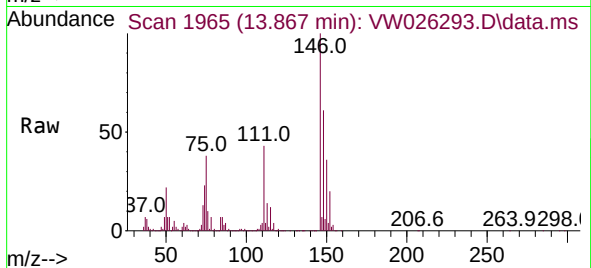




#67
1,2-Dichlorobenzene
Concen: 21.888 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

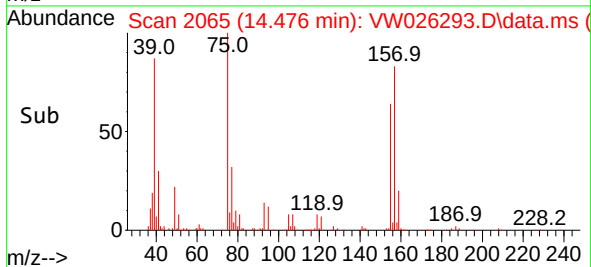
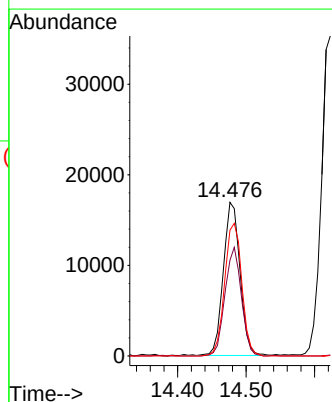
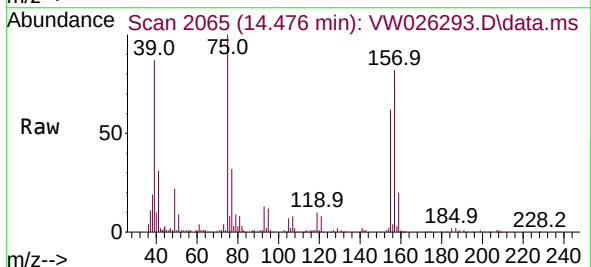
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

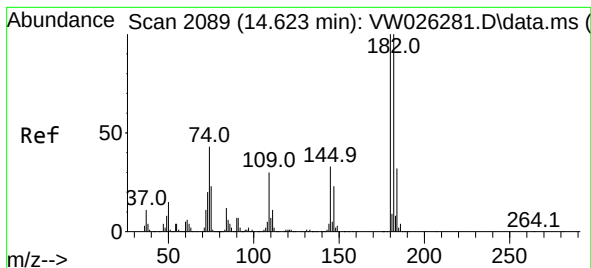
Tgt Ion:146 Resp: 369426
Ion Ratio Lower Upper
146 100
111 43.3 35.4 53.0
148 60.7 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 19.419 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion: 75 Resp: 28676
Ion Ratio Lower Upper
75 100
155 62.3 59.0 88.6
157 81.8 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 20.255 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

Tgt Ion:180 Resp: 261502

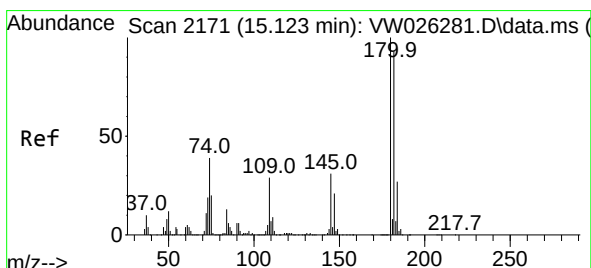
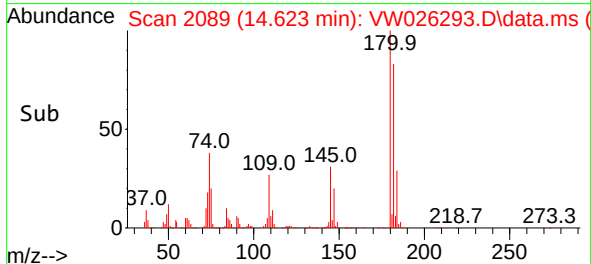
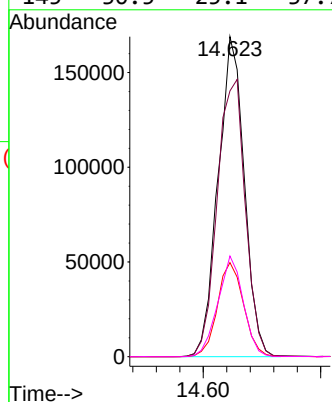
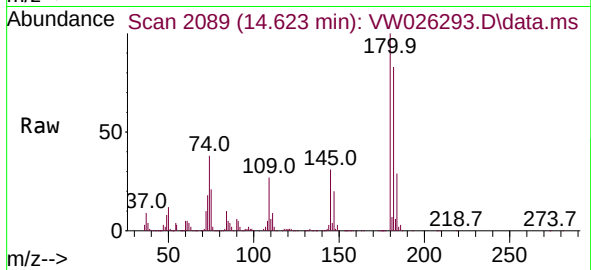
Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

184 29.4 23.7 35.5

145 30.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 19.424 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026293.D

Acq: 22 Jun 2023 09:52

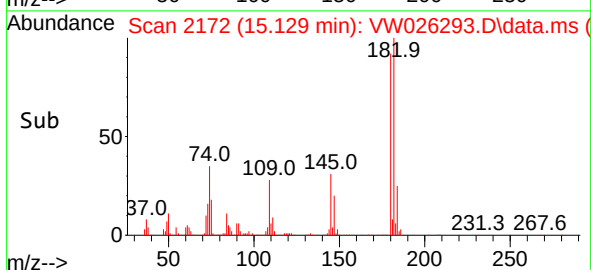
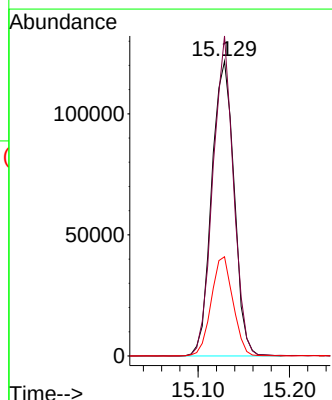
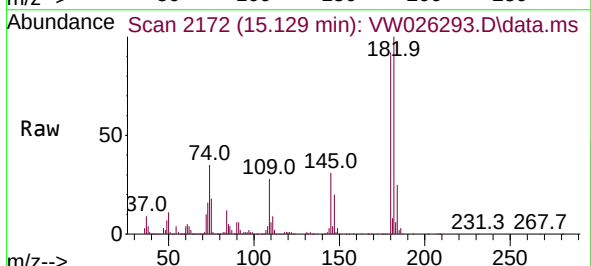
Tgt Ion:180 Resp: 206933

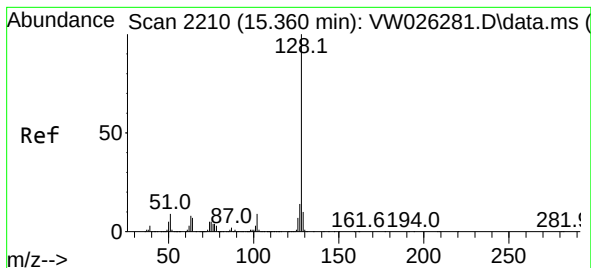
Ion Ratio Lower Upper

180 100

182 99.7 78.9 118.3

145 32.6 27.2 40.8

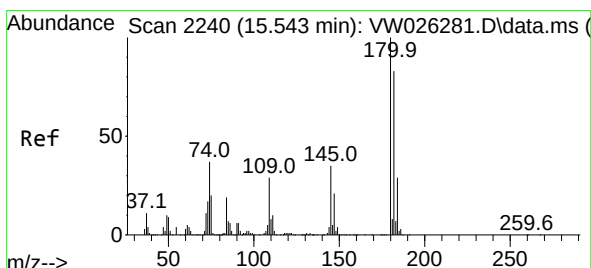
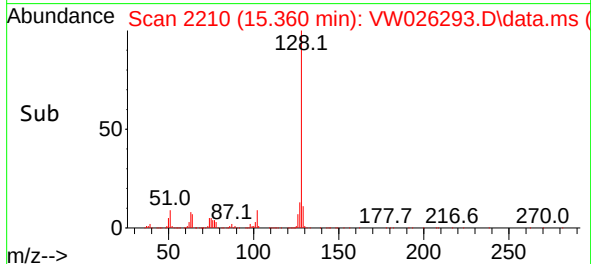
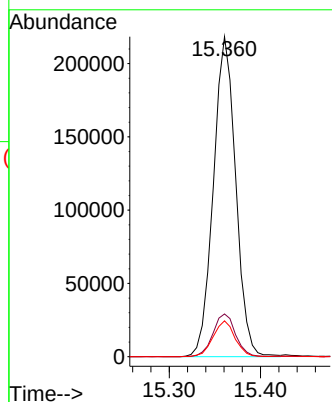
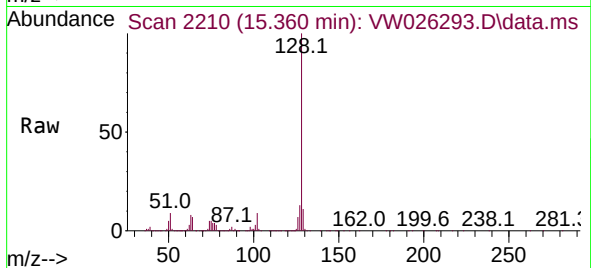




#71
Naphthalene
Concen: 19.561 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Tgt Ion:128 Resp: 371408
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 19.795 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026293.D
Acq: 22 Jun 2023 09:52

Tgt Ion:180 Resp: 184307
Ion Ratio Lower Upper
180 100
182 98.3 76.3 114.5
145 35.4 27.0 40.6

