

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
 Data File : VW028289.D
 Acq On : 03 Apr 2024 12:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Apr 04 02:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 02 01:37:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	221400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	208120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	51464	19.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.480%
7) Chloroethane-d5	2.899	69	43858	24.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	4.021	65	32954	20.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	7.081	46	49364	64.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.220%
24) Chloroform-d	7.648	84	176941	27.103	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	8.301	65	93993	26.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.270	84	331894	26.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.480%
36) 1,2-Dichloropropane-d6	9.270	67	103570	28.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	10.319	98	285972	24.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	10.575	79	41384	24.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.680%
47) 2-Hexanone-d5	10.922	63	37394	61.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83582	30.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.760%#
66) 1,2-Dichlorobenzene-d4	13.849	152	106072	26.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56962	17.736	ug/L #	89
3) Chloromethane	2.223	50	51771	22.727	ug/L	99
5) Vinyl chloride	2.375	62	65766	25.541	ug/L	99
6) Bromomethane	2.790	94	39182	25.551	ug/L	91
8) Chloroethane	2.942	64	38006	27.461	ug/L	95
9) Trichlorofluoromethane	3.271	101	76040	24.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78544	25.397	ug/L	96
12) 1,1-Dichloroethene	4.045	96	73303	25.640	ug/L	88
13) Acetone	4.125	43	36611	43.157	ug/L	99
14) Carbon disulfide	4.393	76	206867	23.199	ug/L	99
15) Methyl Acetate	4.673	43	33750	25.828	ug/L	99
16) Methylene chloride	4.917	84	80800	23.978	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	77927	25.648	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	120190	26.219	ug/L	98
19) 1,1-Dichloroethane	6.216	63	157696	26.810	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	88785	27.057	ug/L	97
22) 2-Butanone	7.167	43	47644	49.466	ug/L	98
23) Bromochloromethane	7.514	128	38499	26.538	ug/L	92
25) Chloroform	7.679	83	158780	26.221	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

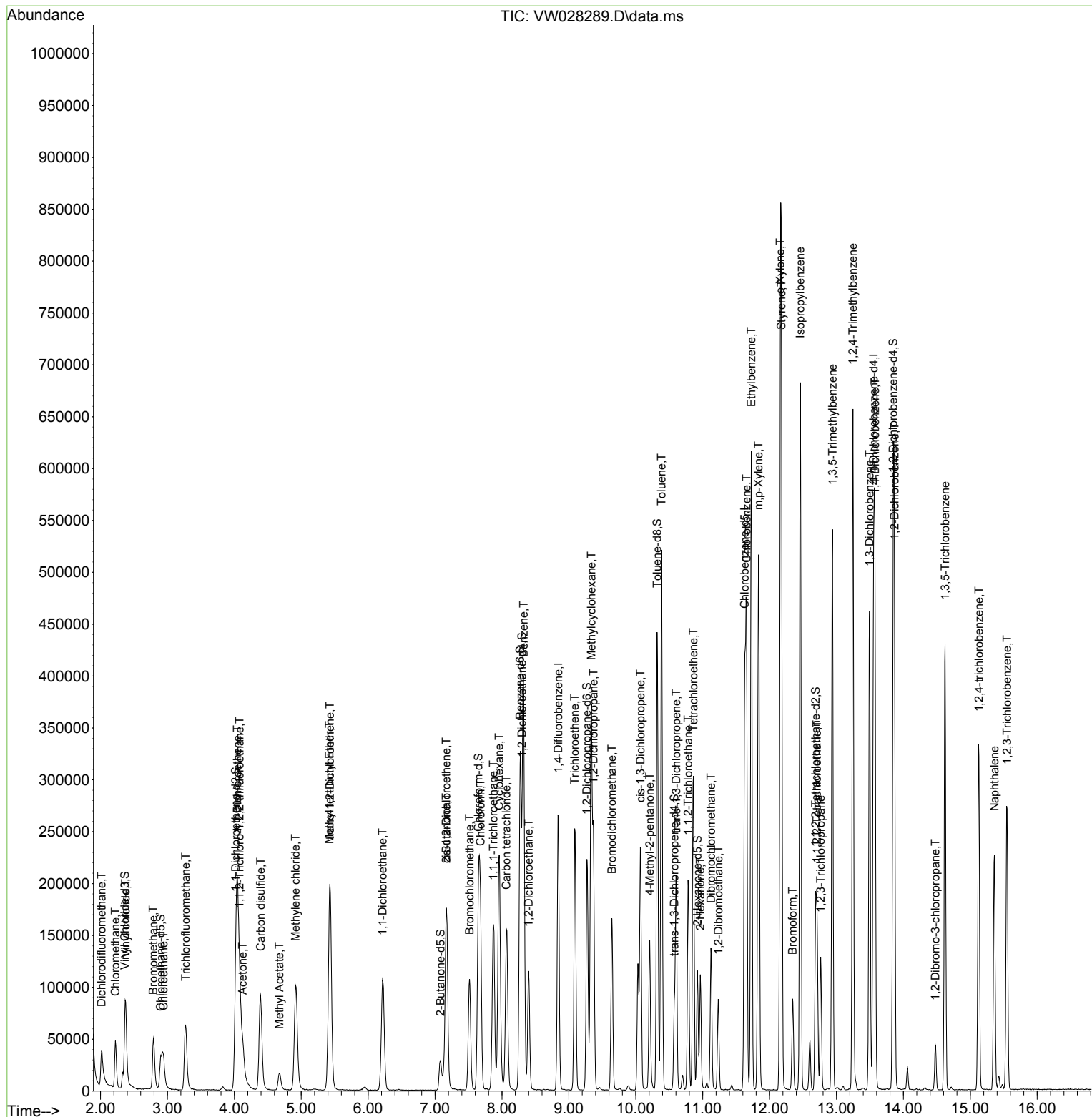
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	105077	24.572	ug/L	97
29) Cyclohexane	7.959	56	134313	24.743	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	135161	24.775	ug/L	99
31) Carbon tetrachloride	8.063	117	119966	23.443	ug/L	99
33) Benzene	8.325	78	338689	26.446	ug/L	100
34) Trichloroethene	9.087	95	90558	25.345	ug/L	94
35) Methylcyclohexane	9.337	83	148194	24.538	ug/L	99
37) 1,2-Dichloropropane	9.368	63	89392	27.289	ug/L	100
38) Bromodichloromethane	9.642	83	111412	25.227	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	137596	26.229	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95360	52.739	ug/L	98
42) Toluene	10.386	91	365094	26.121	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	113452	25.615	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	63272	26.734	ug/L	99
46) Tetrachloroethene	10.861	164	69670	24.190	ug/L	97
48) 2-Hexanone	10.965	43	67666	47.774	ug/L	96
49) Dibromochloromethane	11.123	129	72067	25.711	ug/L	100
50) 1,2-Dibromoethane	11.233	107	56728	25.067	ug/L #	89
51) Chlorobenzene	11.654	112	227732	25.670	ug/L	95
52) Ethylbenzene	11.727	91	424511	26.017	ug/L	98
53) m,p-Xylene	11.837	106	158125	25.753	ug/L	98
54) o-Xylene	12.160	106	152063	26.706	ug/L	97
55) Styrene	12.178	104	260226	26.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	72437	26.758	ug/L	100
59) Bromoform	12.343	173	41307	25.261	ug/L	99
60) Isopropylbenzene	12.459	105	427760	26.383	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52656	25.283	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	288608	26.530	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	345685	26.316	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	186455	25.778	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186935	25.845	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	166348	26.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	11302	23.102	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	131962	26.191	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	106513	24.885	ug/L	97
71) Naphthalene	15.360	128	194084	26.418	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91875	26.038	ug/L	96

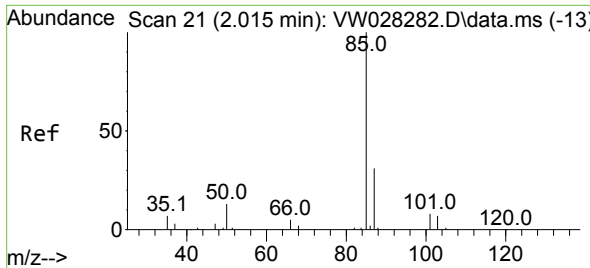
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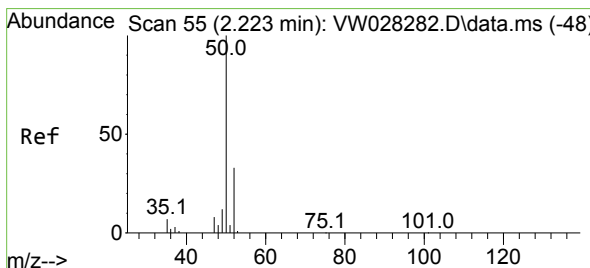
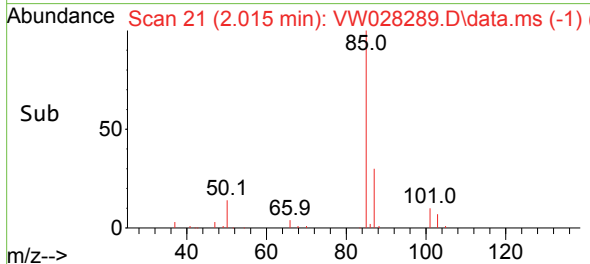
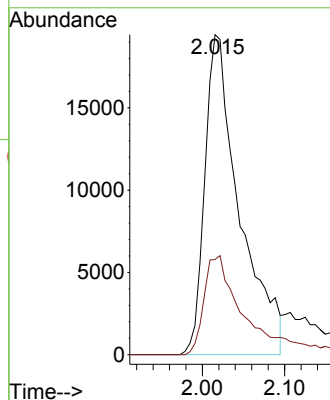
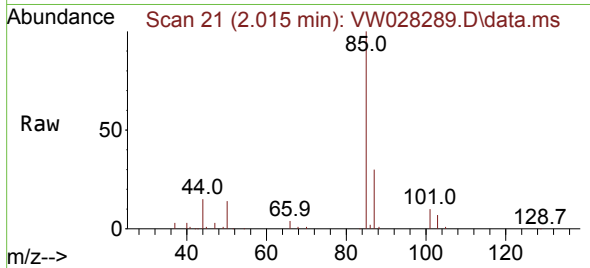




#2
 Dichlorodifluoromethane
 Concen: 17.736 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

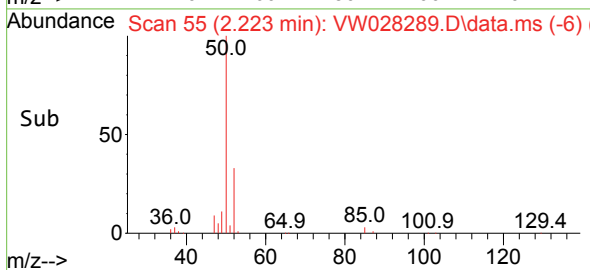
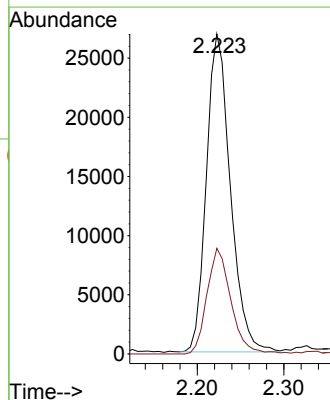
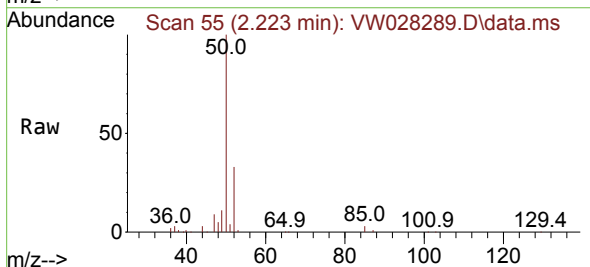
Instrument :
 MSVOA_W
 ClientSampleId :
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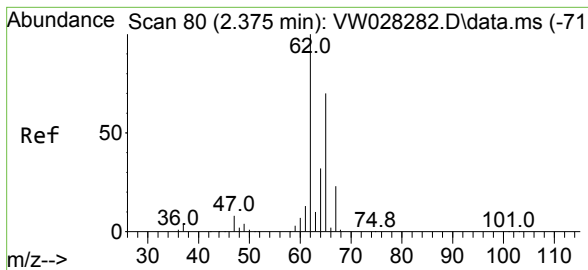
Tgt Ion: 85 Resp: 56962
 Ion Ratio Lower Upper
 85 100
 87 31.7 20.9 31.3#



#3
 Chloromethane
 Concen: 22.727 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

Tgt Ion: 50 Resp: 51771
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

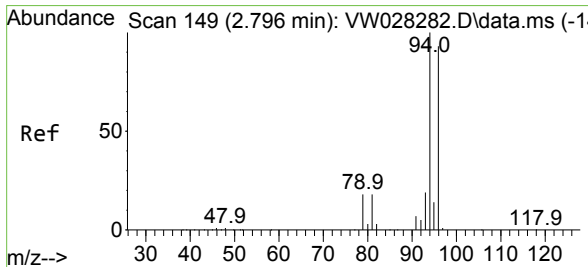
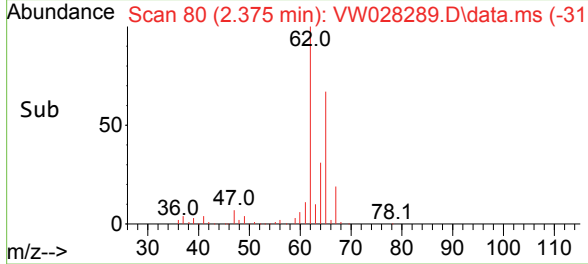
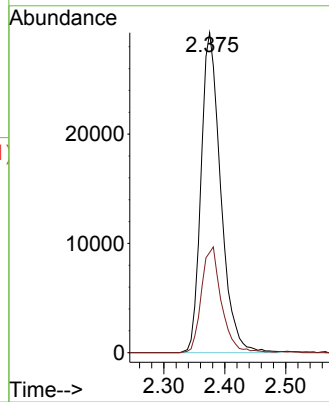
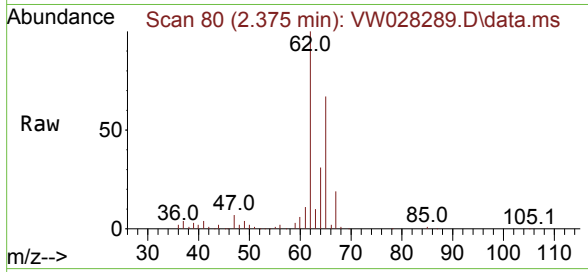




#5
 Vinyl chloride
 Concen: 25.541 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

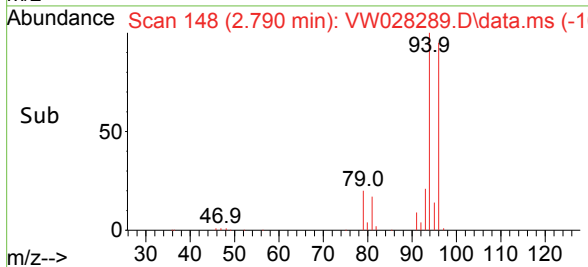
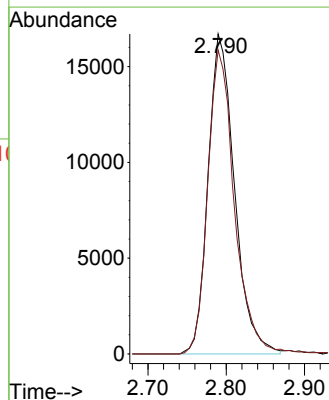
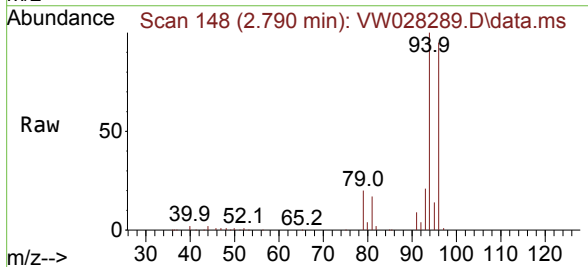
Instrument :
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 ClientSampleId :
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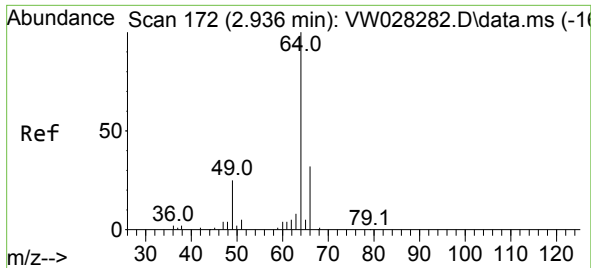
Tgt Ion: 62 Resp: 65766
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.5 41.7



#6
 Bromomethane
 Concen: 25.551 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

Tgt Ion: 94 Resp: 39182
 Ion Ratio Lower Upper
 94 100
 96 95.0 60.8 113.0

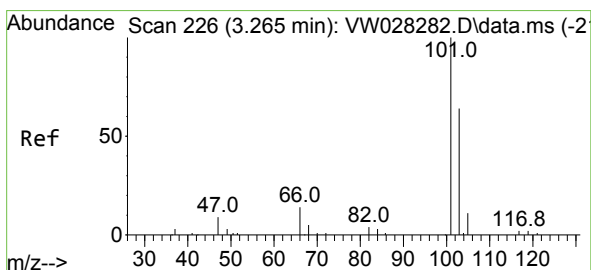
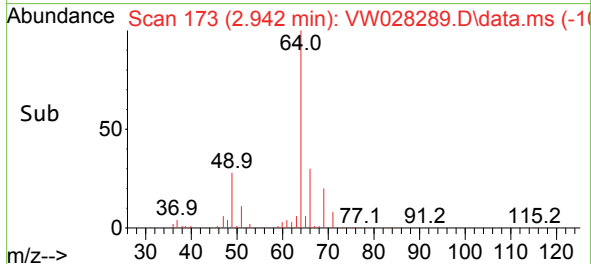
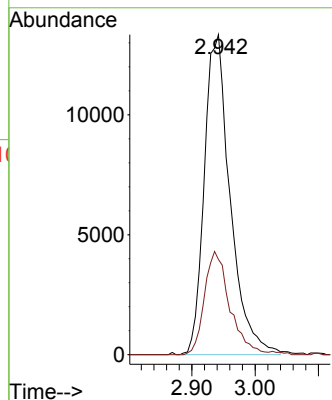
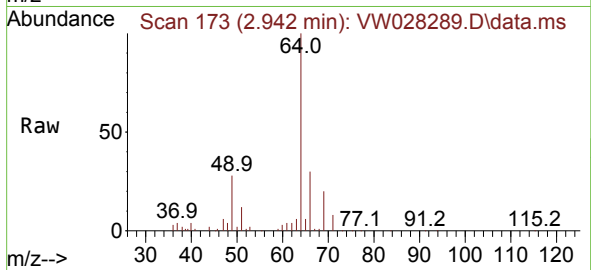




#8
Chloroethane
Concen: 27.461 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

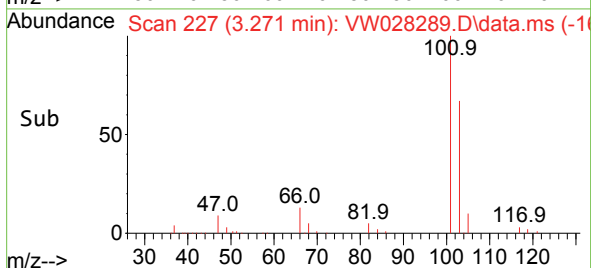
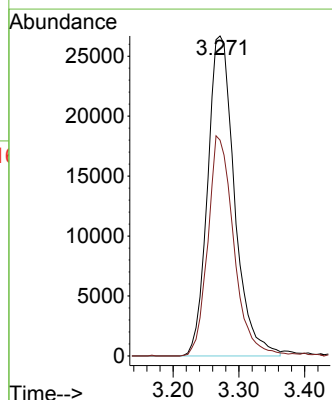
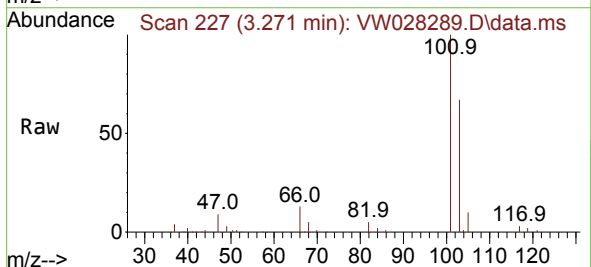
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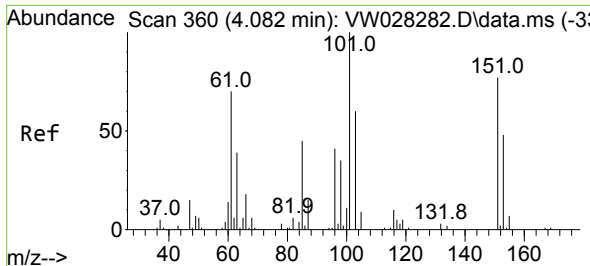
Tgt Ion: 64 Resp: 38006
Ion Ratio Lower Upper
64 100
66 29.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.425 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:101 Resp: 76040
Ion Ratio Lower Upper
101 100
103 66.3 50.9 76.3

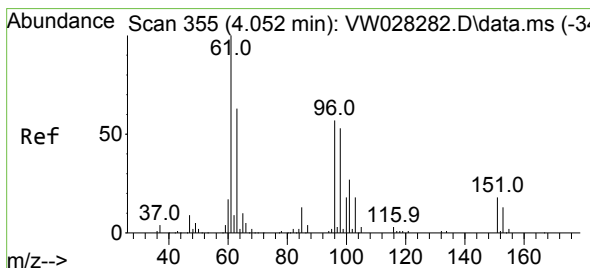
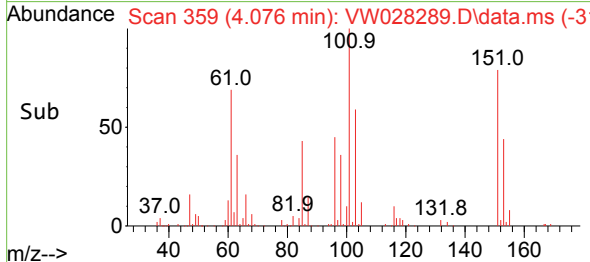
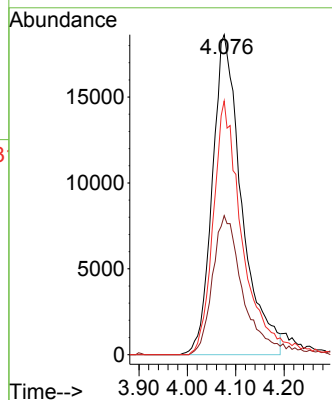
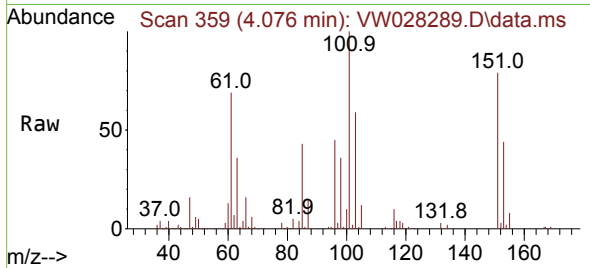




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.397 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

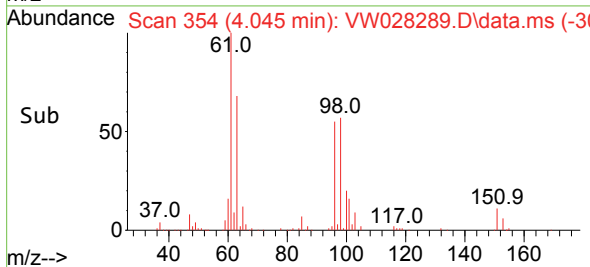
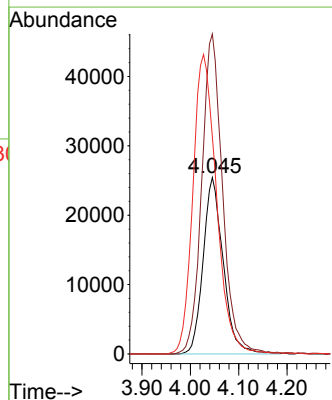
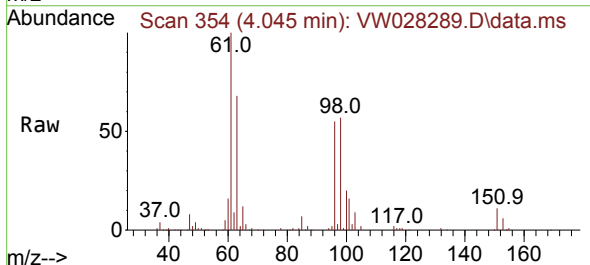
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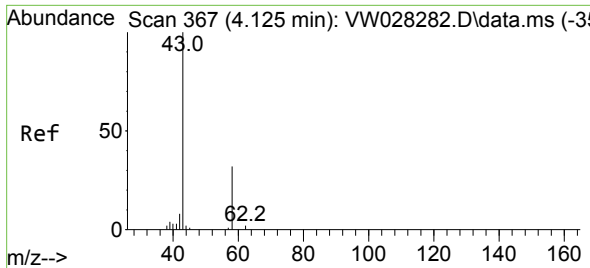
Tgt Ion:101 Resp: 78544
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.4 54.6
 151 77.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 25.640 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028289.D
 Acq: 03 Apr 2024 12:47

Tgt Ion: 96 Resp: 73303
 Ion Ratio Lower Upper
 96 100
 61 181.3 132.2 245.4
 63 123.1 104.6 194.2





#13

Acetone

Concen: 43.157 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

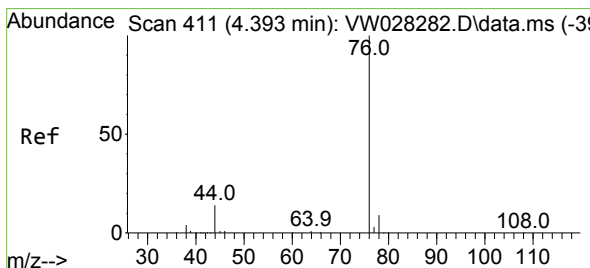
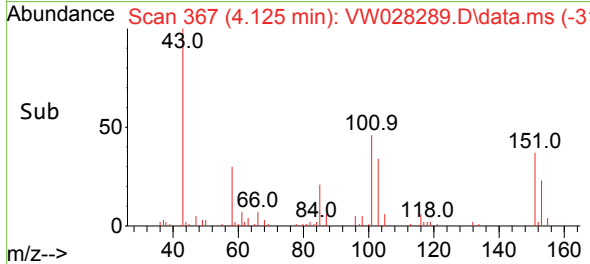
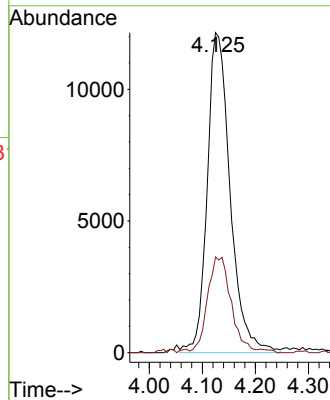
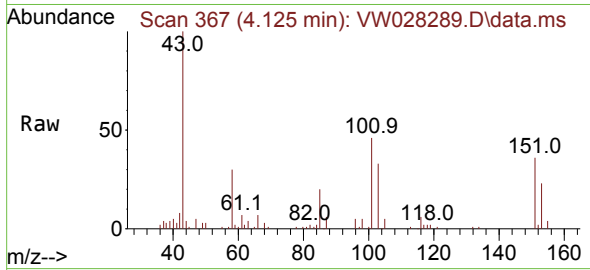
VSTD025535

Tgt Ion: 43 Resp: 36611

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.8



#14

Carbon disulfide

Concen: 23.199 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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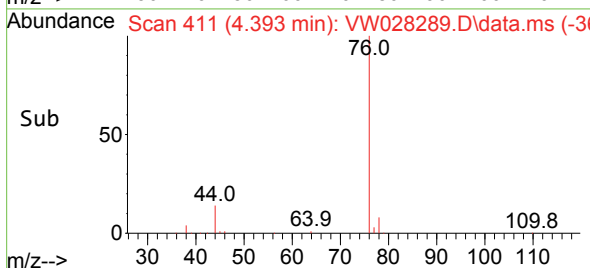
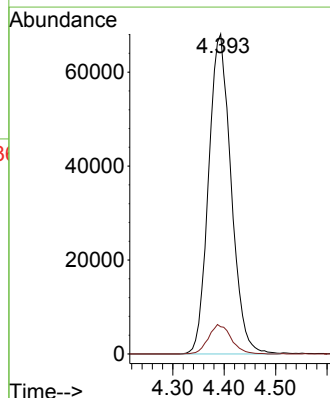
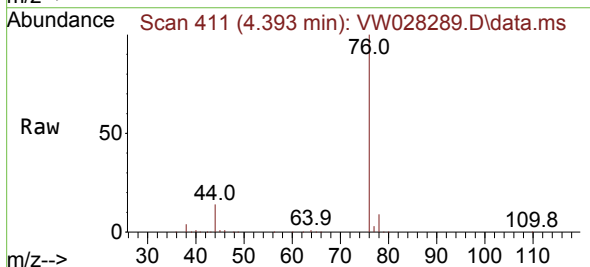
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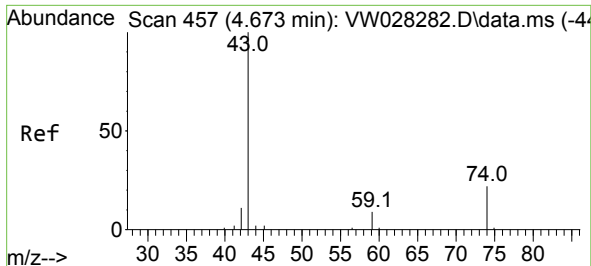
Tgt Ion: 76 Resp: 206867

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7

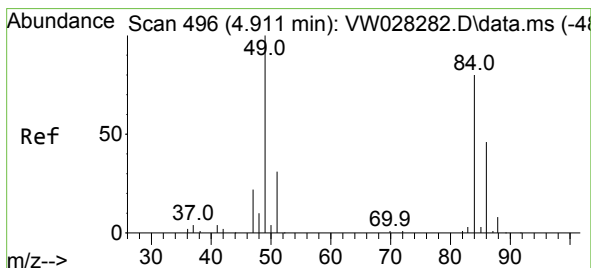
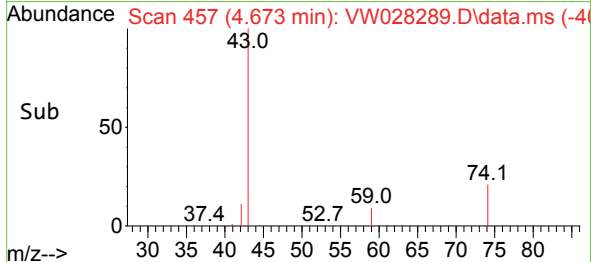
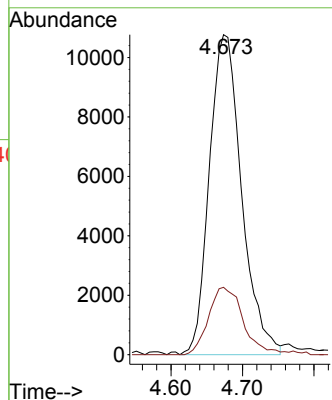
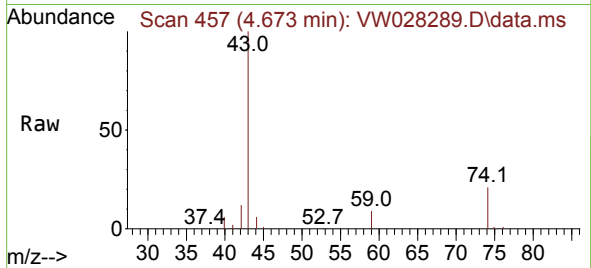




#15
Methyl Acetate
Concen: 25.828 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

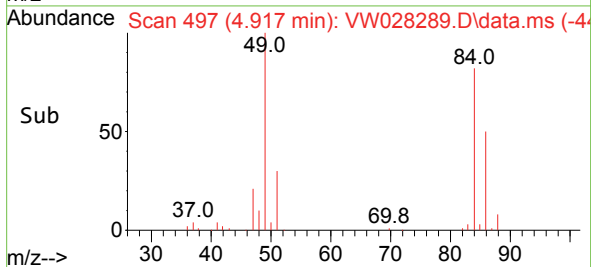
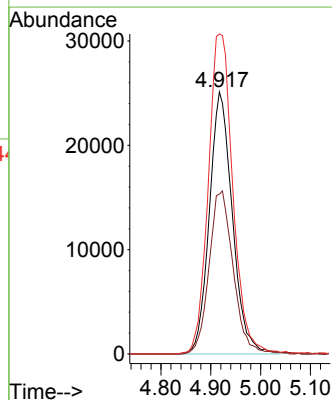
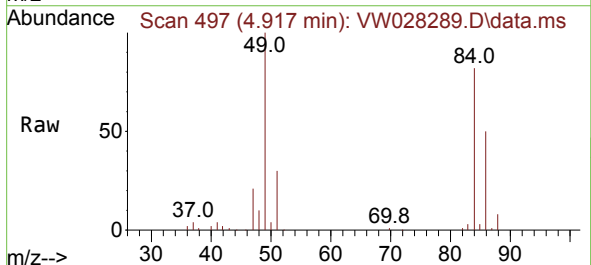
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

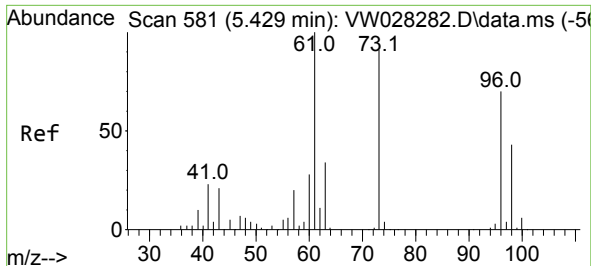
Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.2



#16
Methylene chloride
Concen: 23.978 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 84 Resp: 80800
Ion Ratio Lower Upper
84 100
86 61.0 43.1 80.1
49 122.1 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 25.648 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

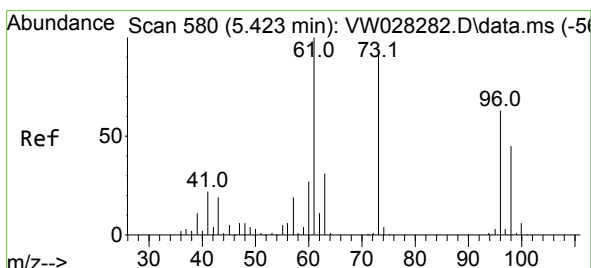
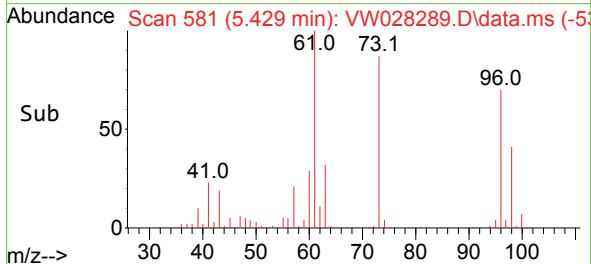
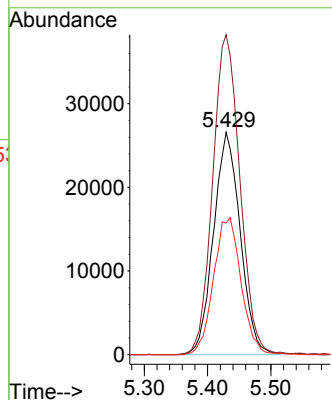
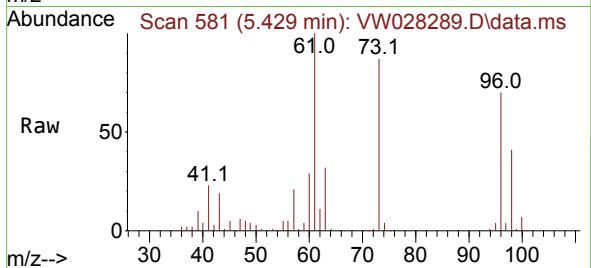
Tgt Ion: 96 Resp: 77927

Ion Ratio Lower Upper

96 100

61 143.8 98.4 182.8

98 59.2 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 26.219 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

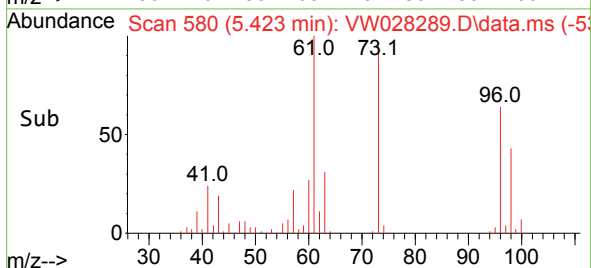
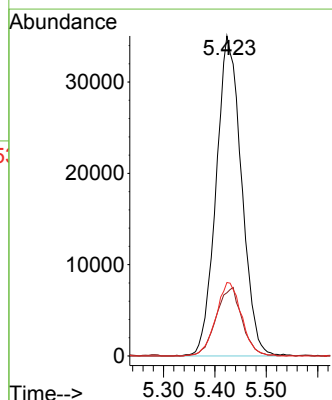
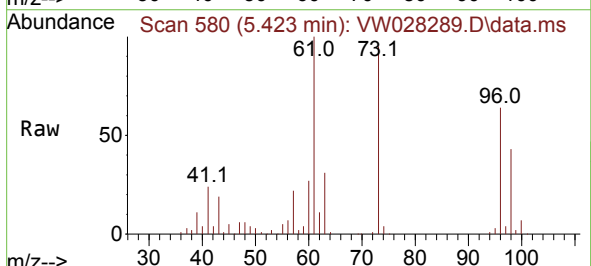
Tgt Ion: 73 Resp: 120190

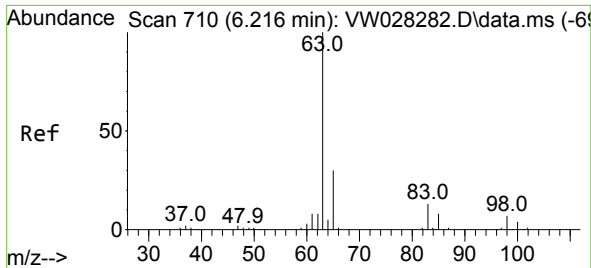
Ion Ratio Lower Upper

73 100

43 21.9 18.2 27.4

57 23.1 17.4 26.2

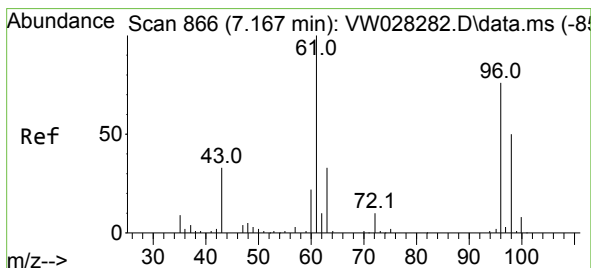
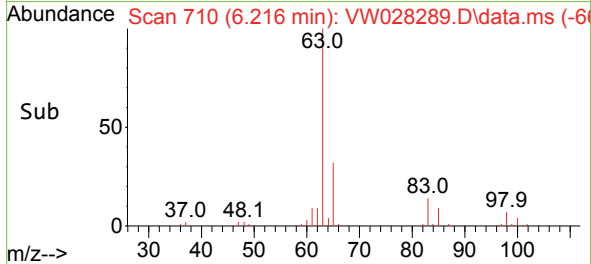
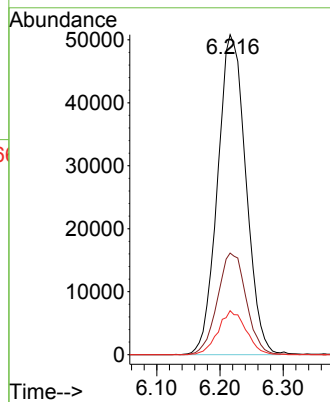
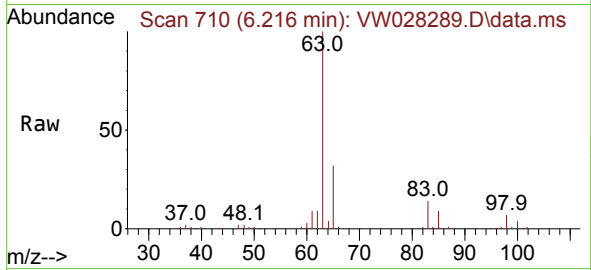




#19
1,1-Dichloroethane
Concen: 26.810 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

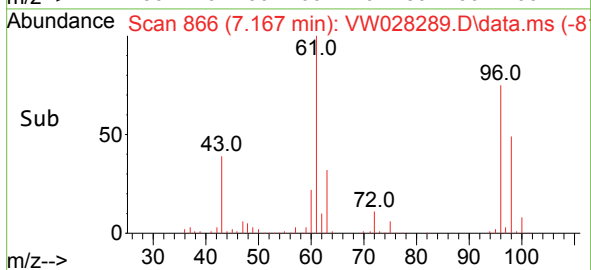
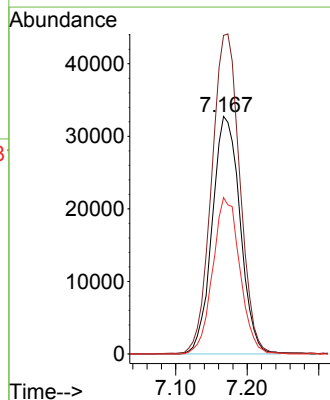
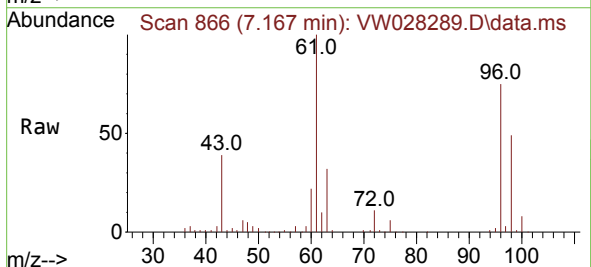
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

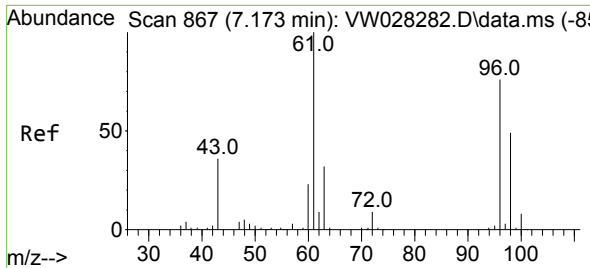
Tgt Ion: 63 Resp: 157696
Ion Ratio Lower Upper
63 100
65 31.8 22.1 41.1
83 13.7 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 27.057 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 96 Resp: 88785
Ion Ratio Lower Upper
96 100
61 134.1 95.7 177.7
98 65.8 43.9 81.5

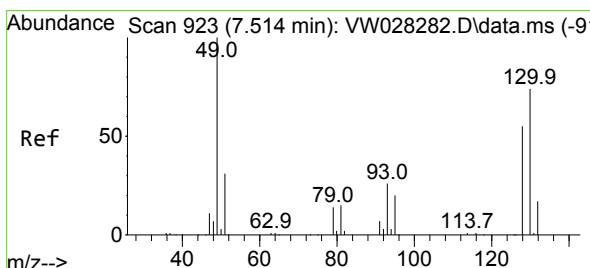
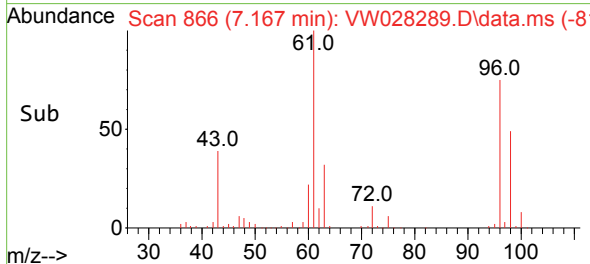
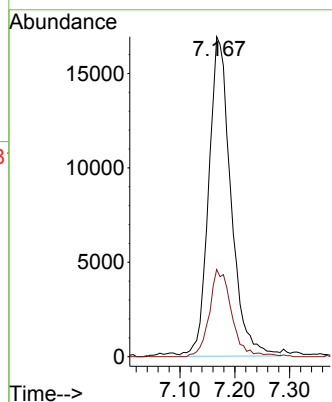
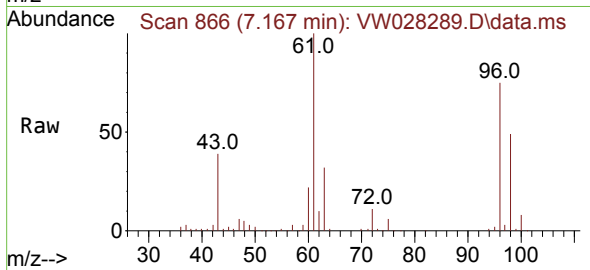




#22
2-Butanone
Concen: 49.466 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

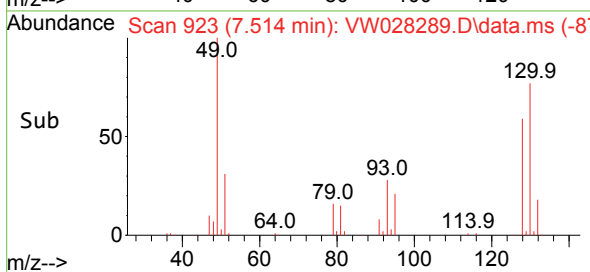
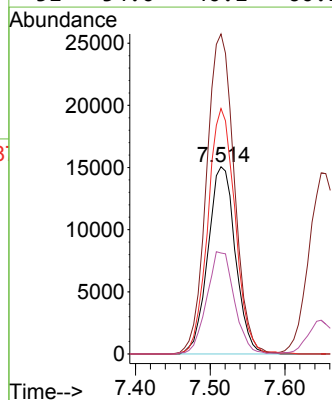
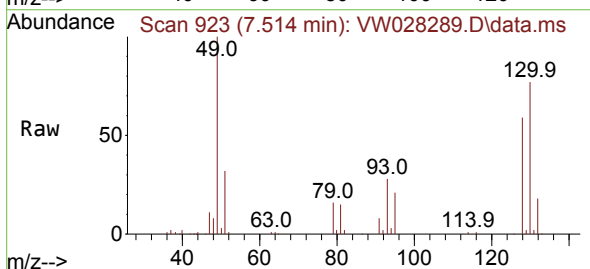
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

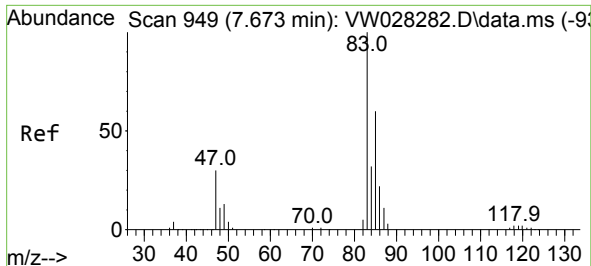
Tgt Ion: 43 Resp: 47644
Ion Ratio Lower Upper
43 100
72 26.5 12.8 38.4



#23
Bromochloromethane
Concen: 26.538 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 128 Resp: 38499
Ion Ratio Lower Upper
128 100
49 170.9 116.6 216.6
130 131.1 80.1 148.7
51 54.0 40.1 60.1

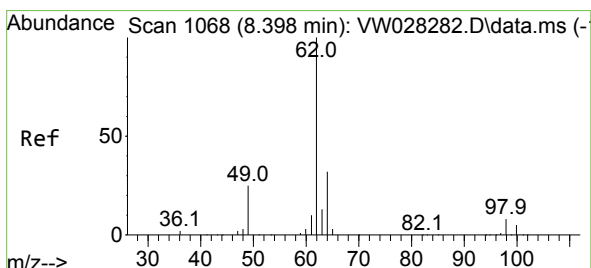
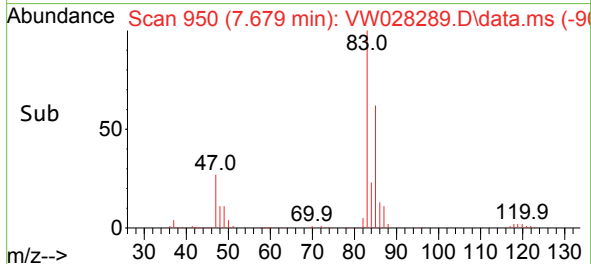
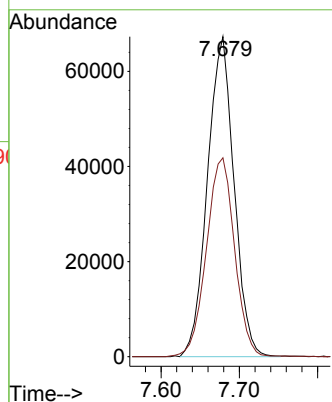
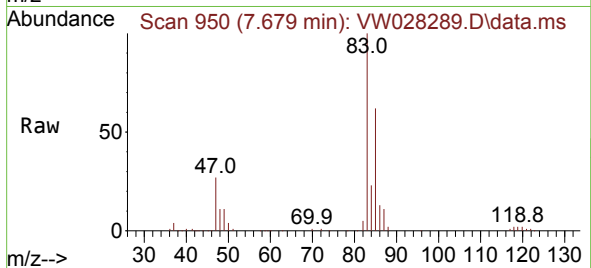




#25
Chloroform
Concen: 26.221 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

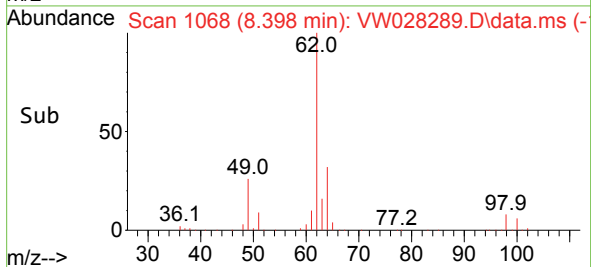
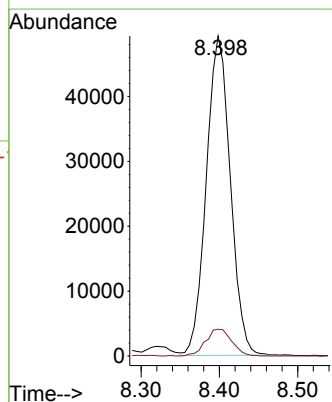
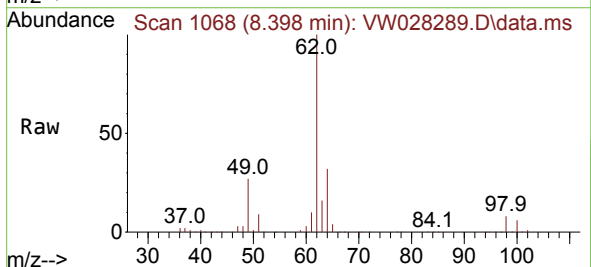
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

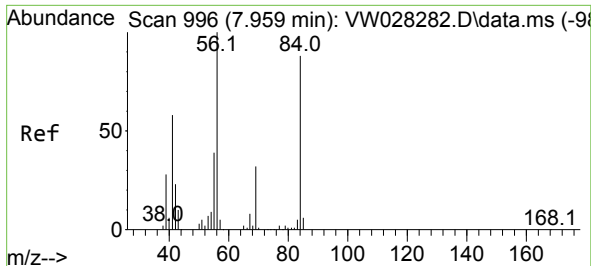
Tgt Ion: 83 Resp: 158780
Ion Ratio Lower Upper
83 100
85 62.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 24.572 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 62 Resp: 105077
Ion Ratio Lower Upper
62 100
98 8.3 5.9 8.9





#29

Cyclohexane

Concen: 24.743 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

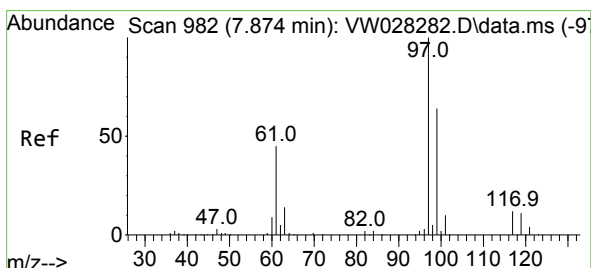
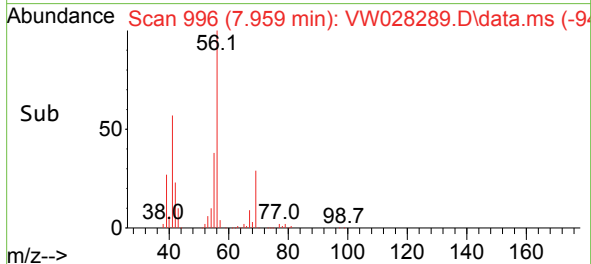
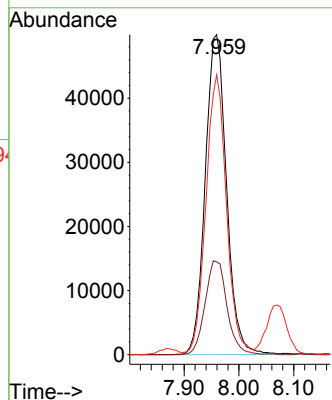
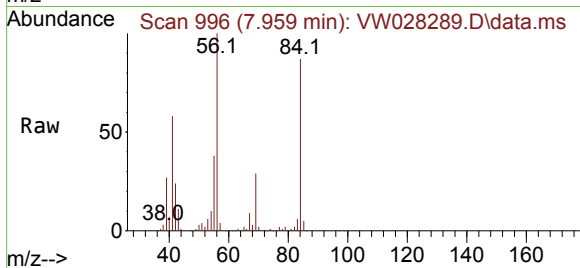
Tgt Ion: 56 Resp: 134313

Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 84.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 24.775 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

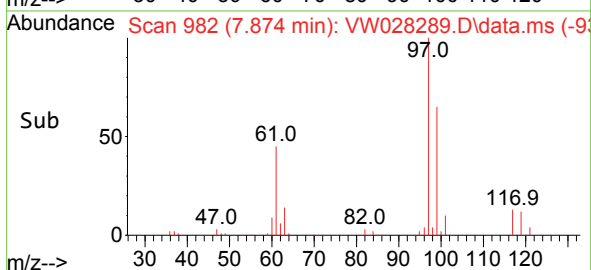
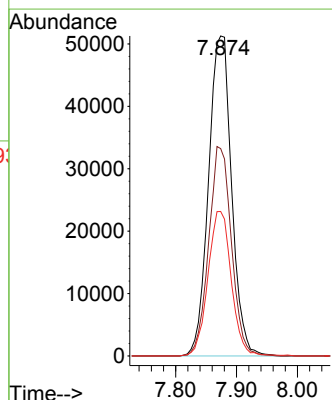
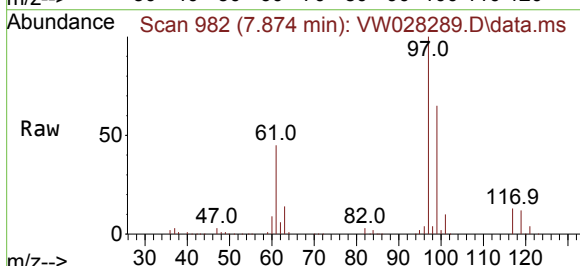
Tgt Ion: 97 Resp: 135161

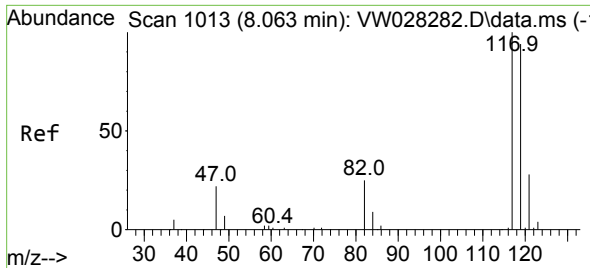
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 45.4 37.0 55.6

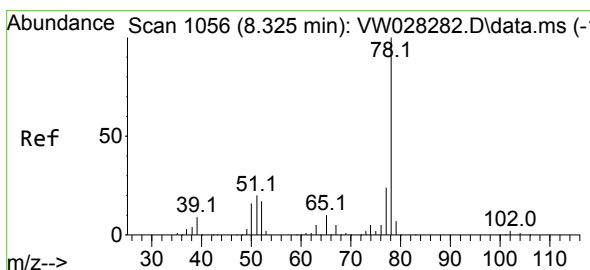
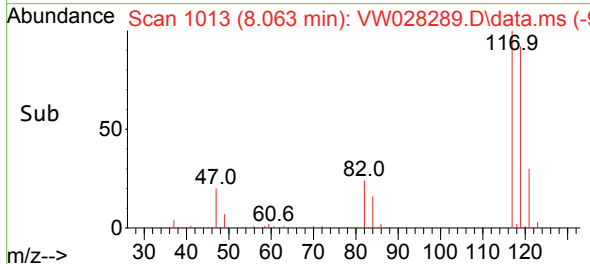
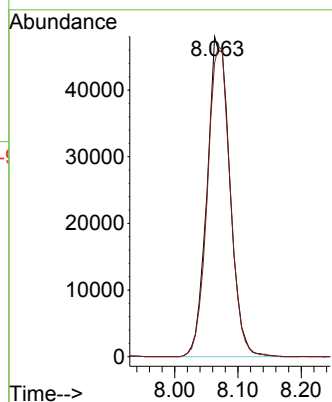
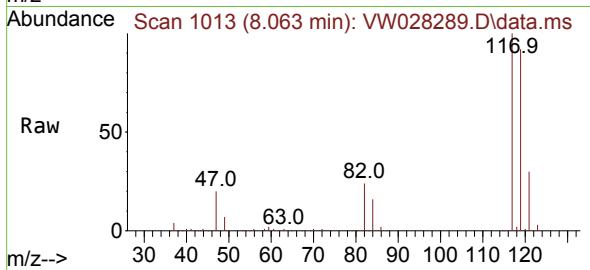




#31
Carbon tetrachloride
Concen: 23.443 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

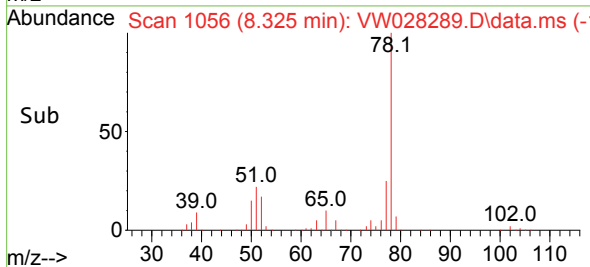
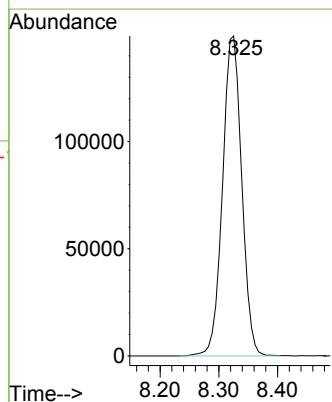
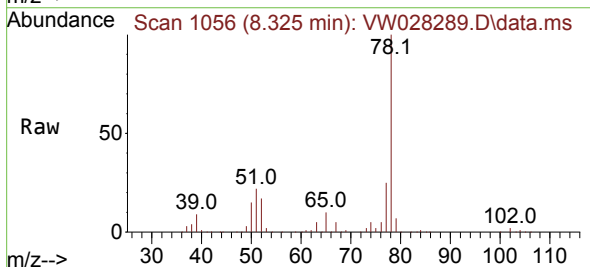
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

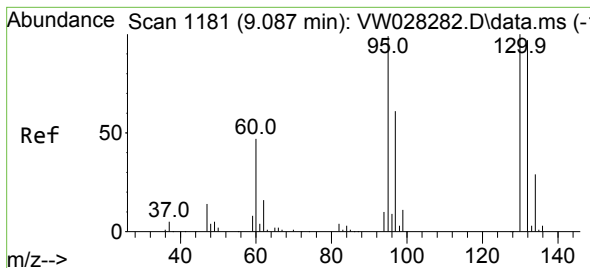
Tgt Ion:117 Resp: 119966
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.4



#33
Benzene
Concen: 26.446 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 78 Resp: 338689





#34

Trichloroethene

Concen: 25.345 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion: 95 Resp: 90558

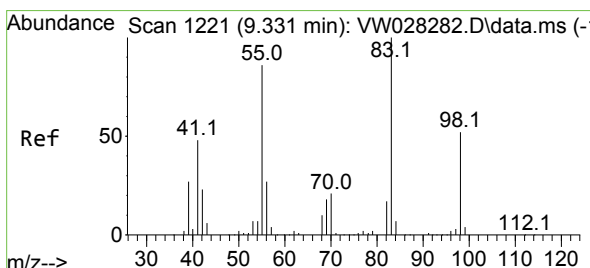
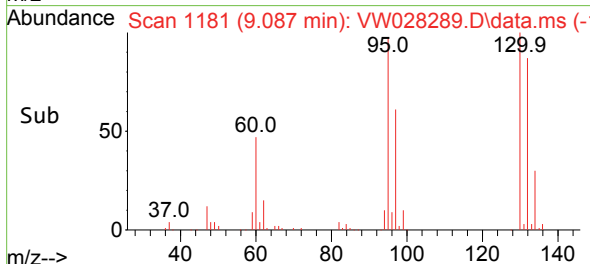
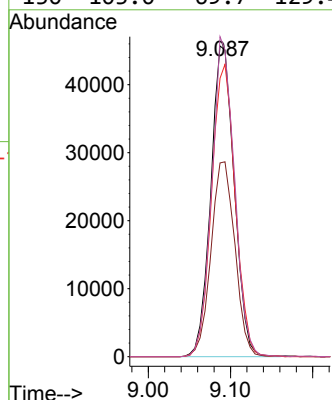
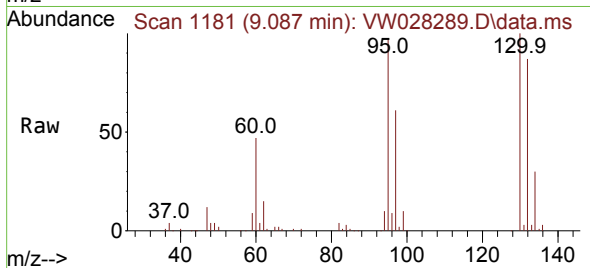
Ion Ratio Lower Upper

95 100

97 62.4 42.4 78.6

132 89.6 69.4 128.8

130 103.0 69.7 129.4



#35

Methylcyclohexane

Concen: 24.538 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

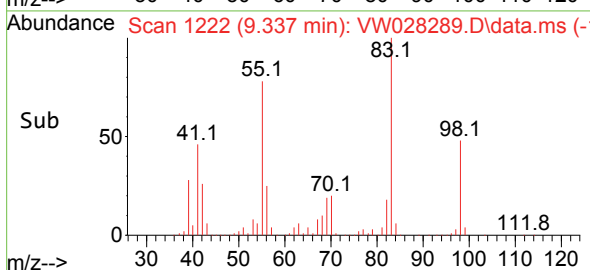
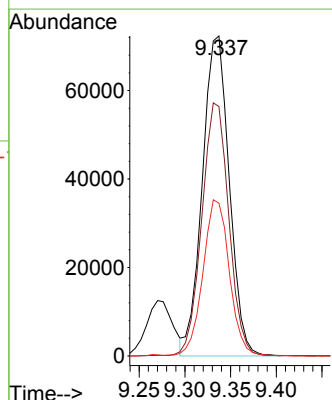
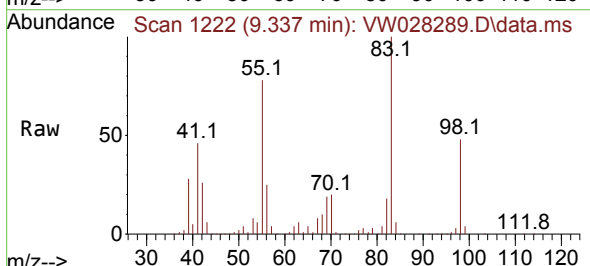
Tgt Ion: 83 Resp: 148194

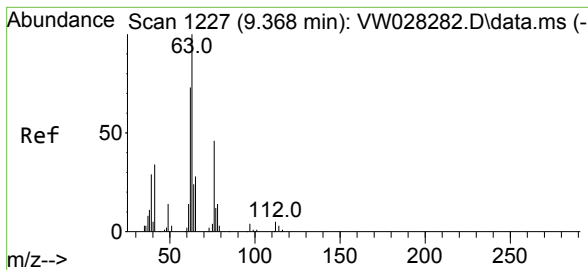
Ion Ratio Lower Upper

83 100

55 78.7 64.2 96.4

98 47.9 38.3 57.5

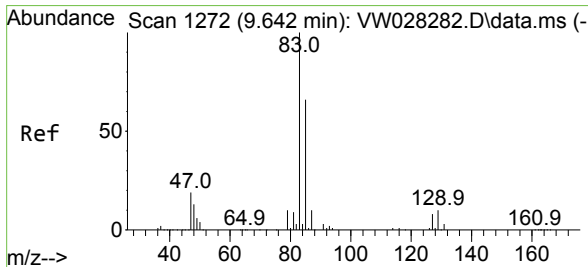
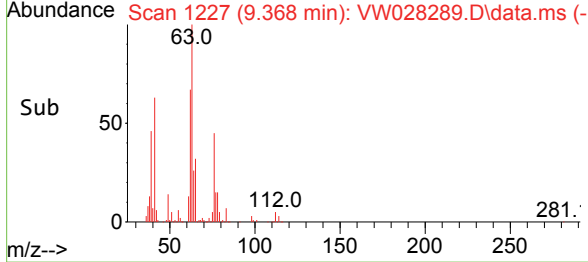
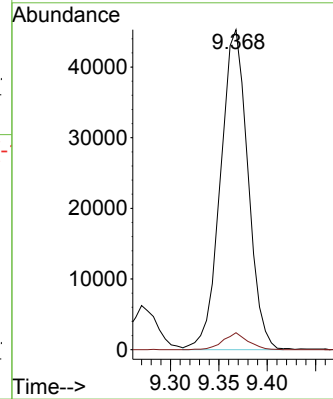
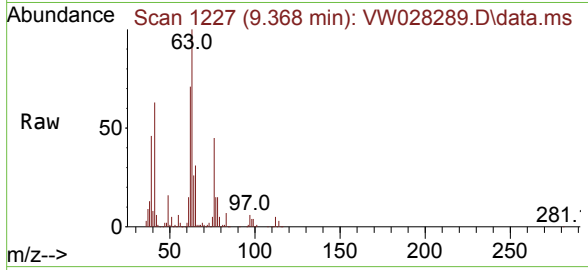




#37
1,2-Dichloropropane
Concen: 27.289 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

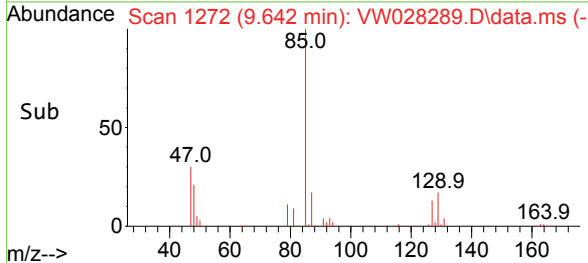
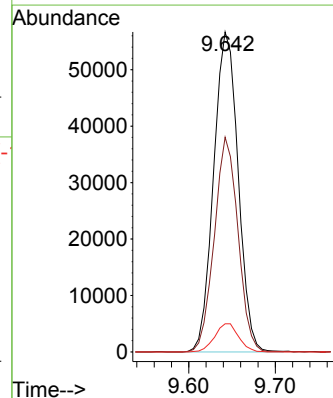
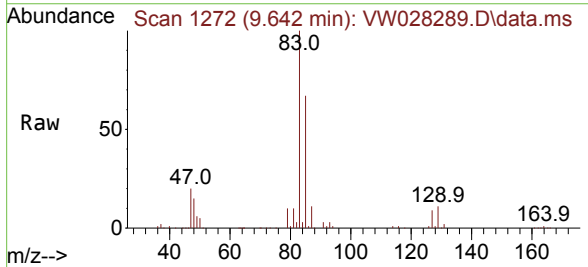
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

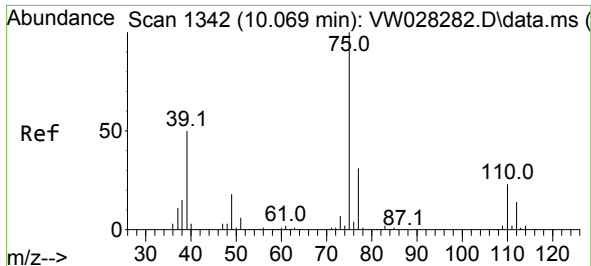
Tgt Ion: 63 Resp: 89392
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 25.227 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 83 Resp: 111412
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.2
127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.229 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

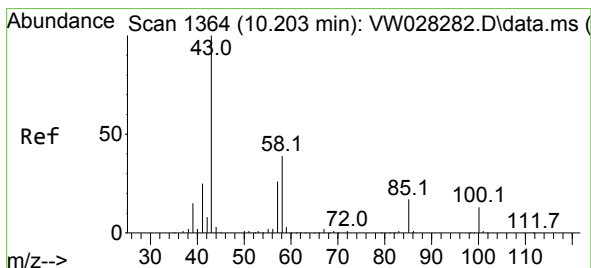
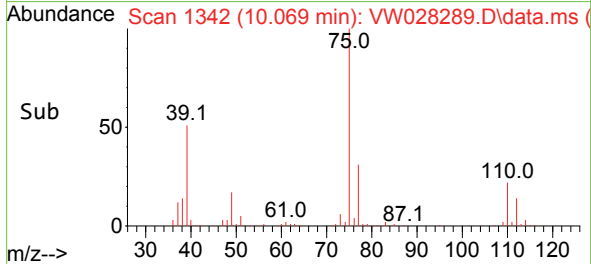
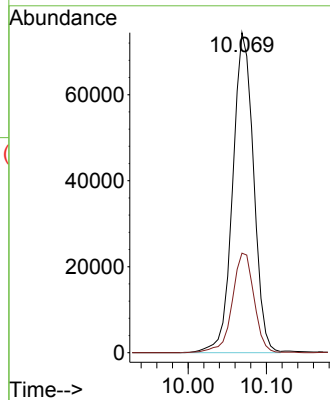
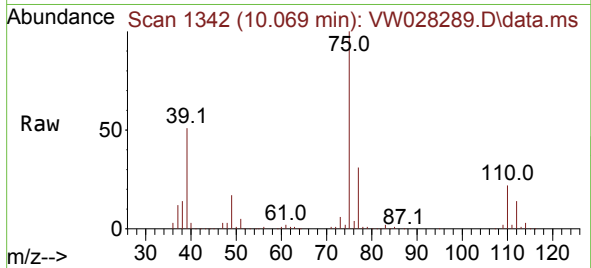
VSTD025535

Tgt Ion: 75 Resp: 137596

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.739 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

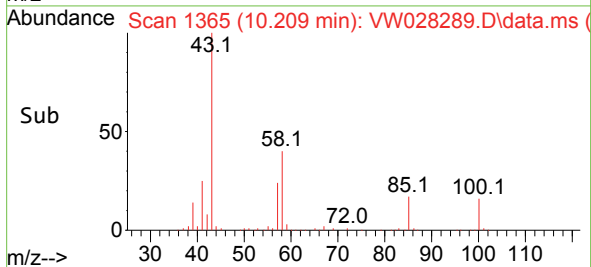
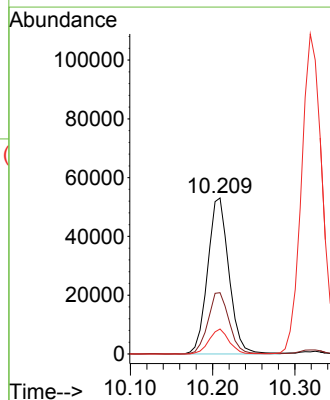
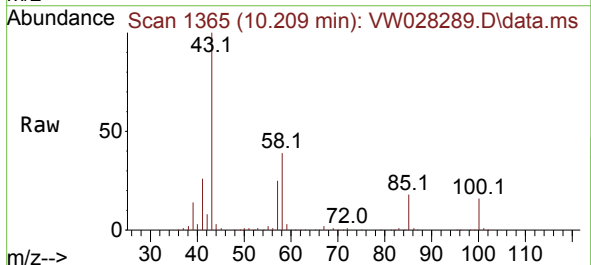
Tgt Ion: 43 Resp: 95360

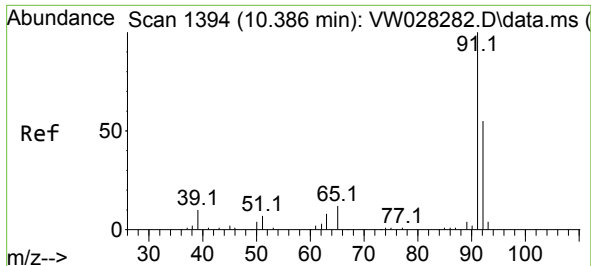
Ion Ratio Lower Upper

43 100

58 39.1 30.1 45.1

100 15.1 11.8 17.8





#42

Toluene

Concen: 26.121 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

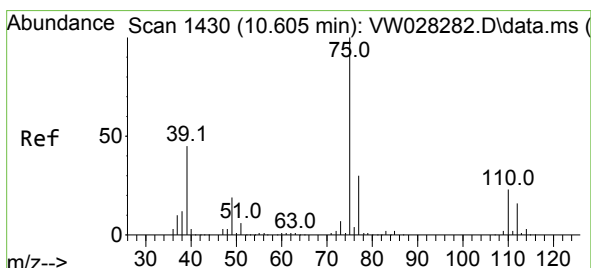
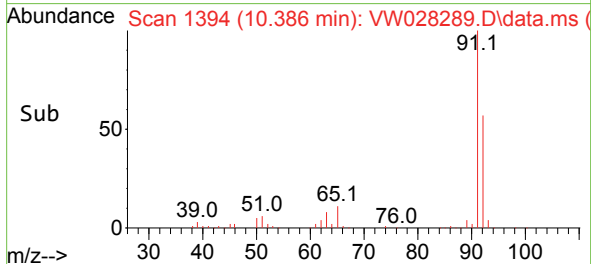
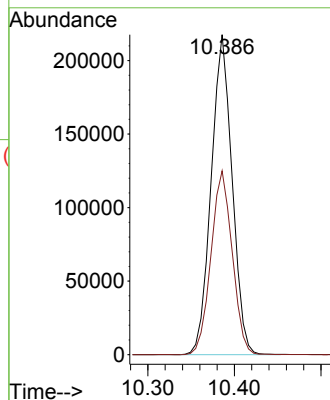
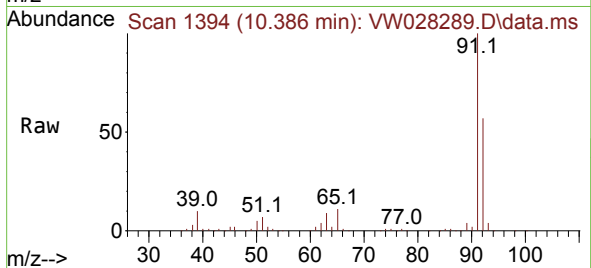
VSTD025535

Tgt Ion: 91 Resp: 365094

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.615 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028289.D

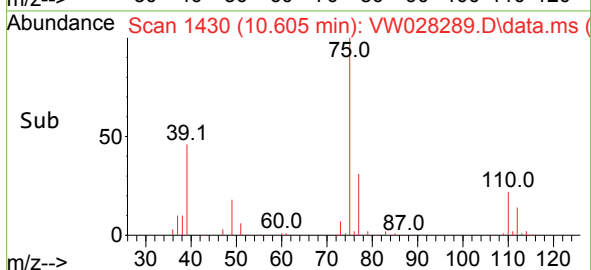
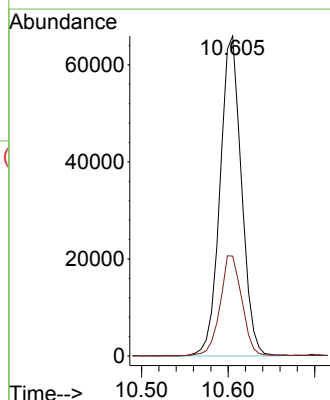
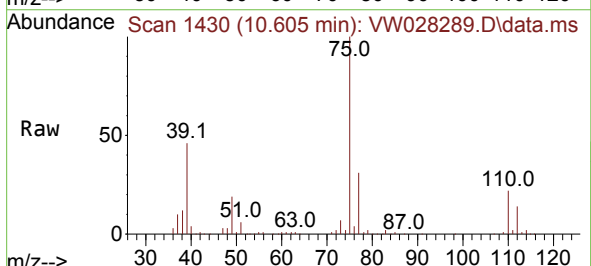
Acq: 03 Apr 2024 12:47

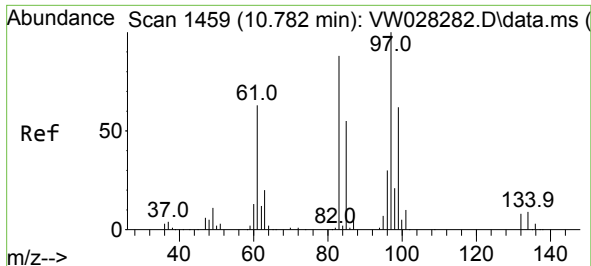
Tgt Ion: 75 Resp: 113452

Ion Ratio Lower Upper

75 100

77 31.2 23.0 42.6

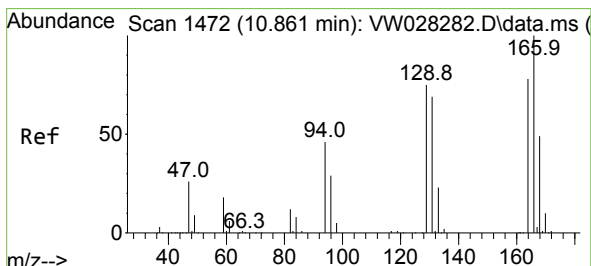
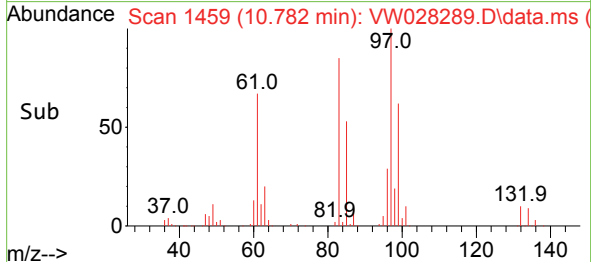
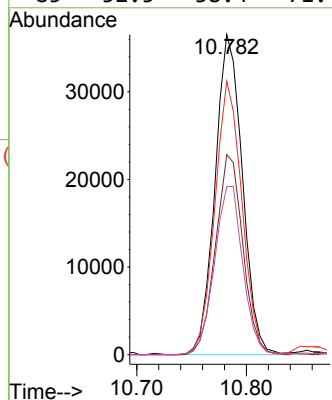
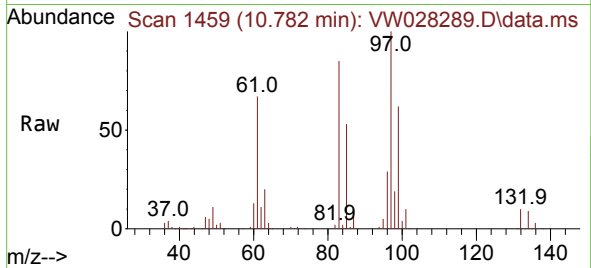




#45
1,1,2-Trichloroethane
Concen: 26.734 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

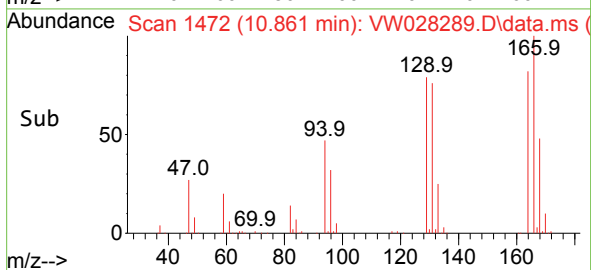
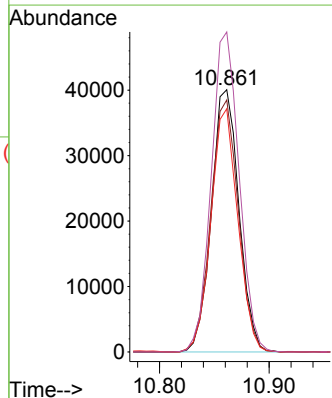
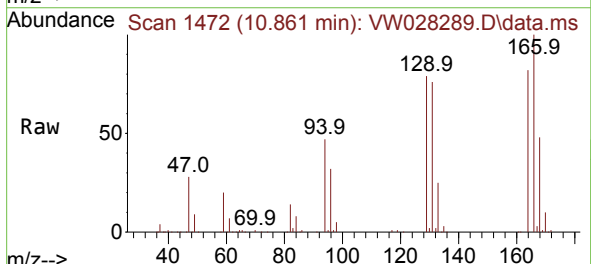
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

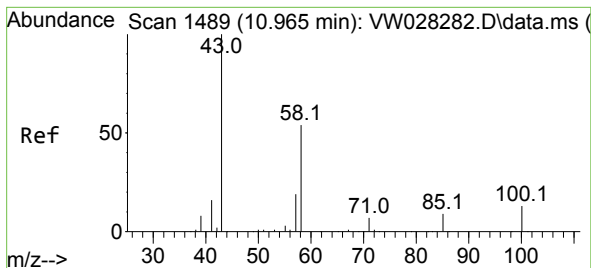
Tgt Ion:	97	Resp:	63272
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.4	80.6
83	85.4	59.4	110.4
85	52.5	38.4	71.4



#46
Tetrachloroethene
Concen: 24.190 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:	164	Resp:	69670
Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.0	119.0
131	92.7	62.6	116.3
166	122.0	84.7	157.3





#48

2-Hexanone

Concen: 47.774 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028289.D

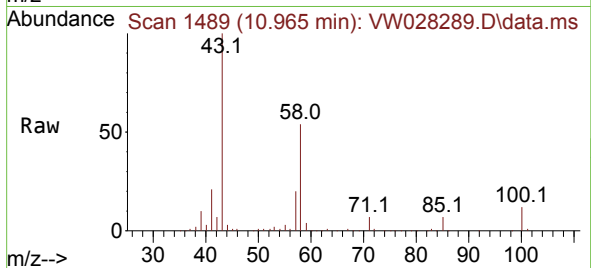
Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535



Tgt Ion: 43 Resp: 67666

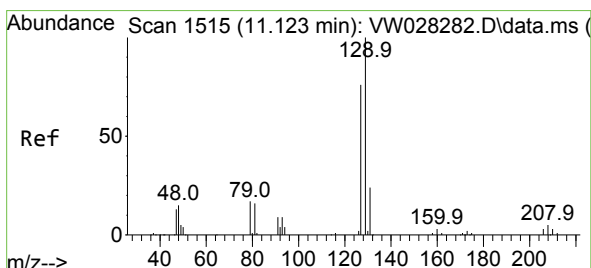
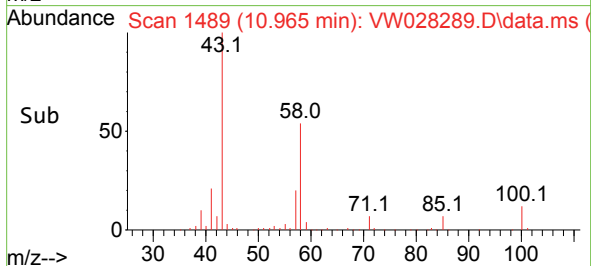
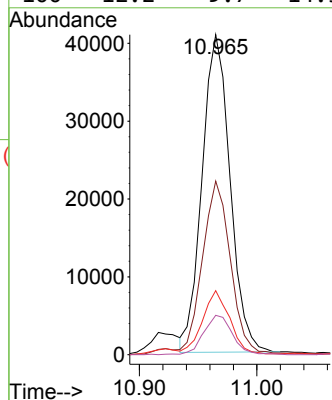
Ion Ratio Lower Upper

43 100

58 55.2 40.6 61.0

57 19.7 15.7 23.5

100 12.2 9.7 14.5



#49

Dibromochloromethane

Concen: 25.711 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028289.D

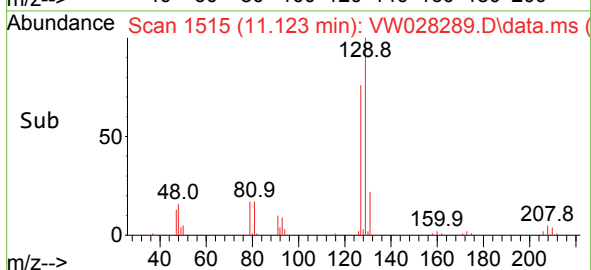
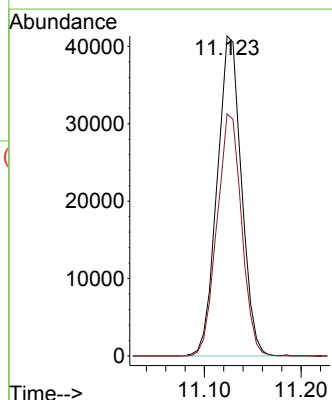
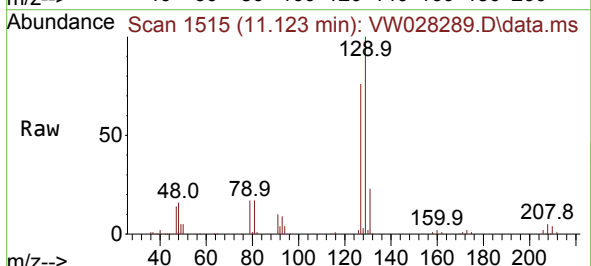
Acq: 03 Apr 2024 12:47

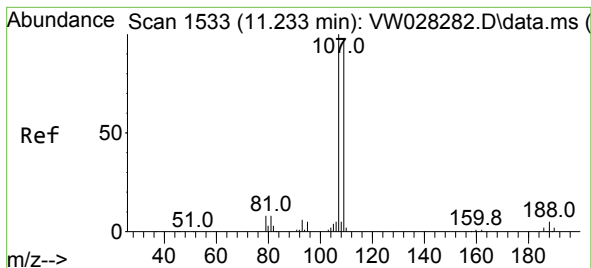
Tgt Ion:129 Resp: 72067

Ion Ratio Lower Upper

129 100

127 75.7 53.1 98.7

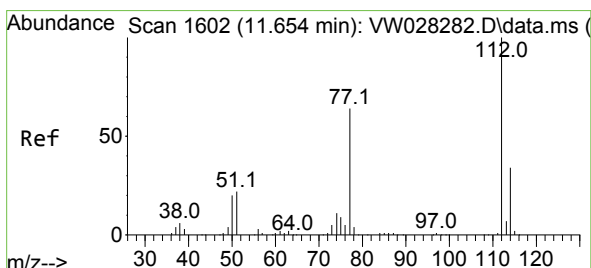
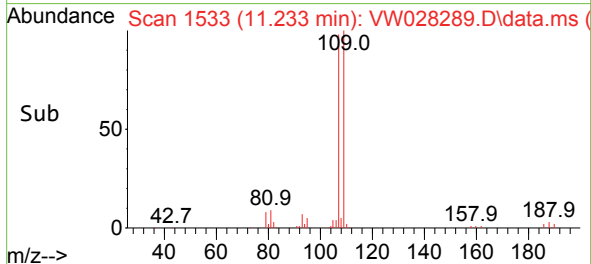
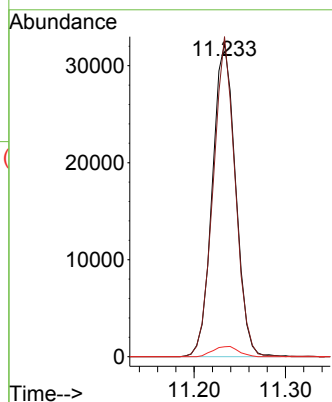
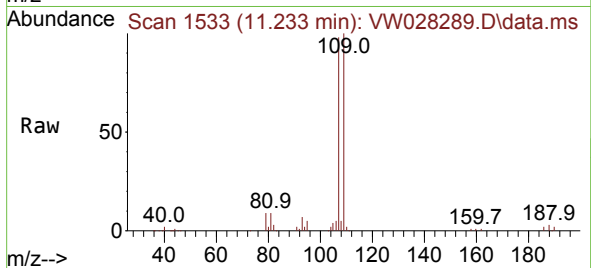




#50
1,2-Dibromoethane
Concen: 25.067 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

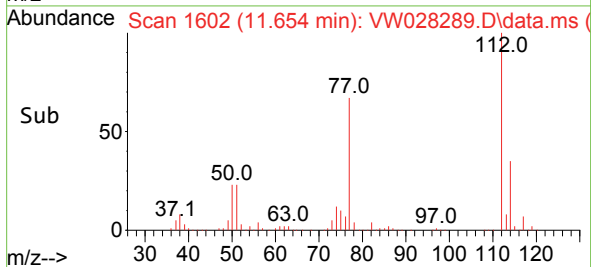
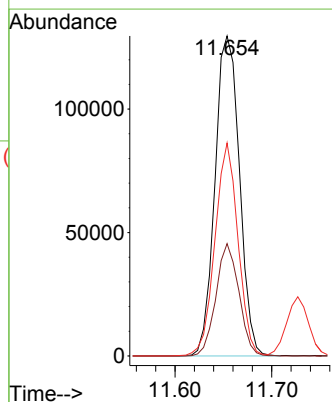
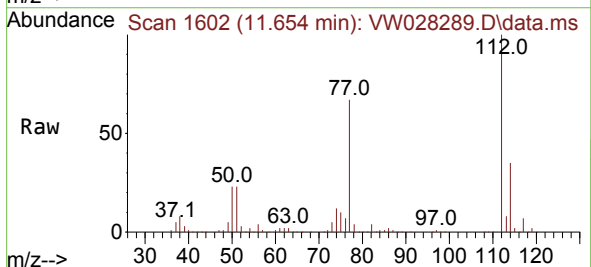
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

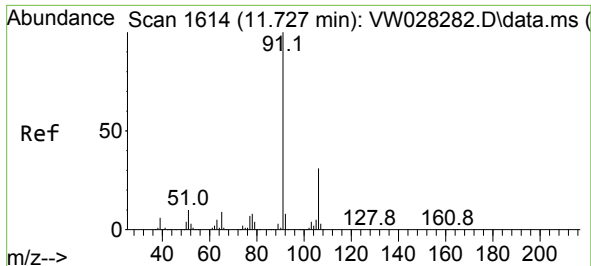
Tgt Ion:107 Resp: 56728
Ion Ratio Lower Upper
107 100
109 102.4 64.4 119.6
188 3.2 3.4 5.2#



#51
Chlorobenzene
Concen: 25.670 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:112 Resp: 227732
Ion Ratio Lower Upper
112 100
114 35.1 21.8 40.6
77 66.6 50.6 76.0

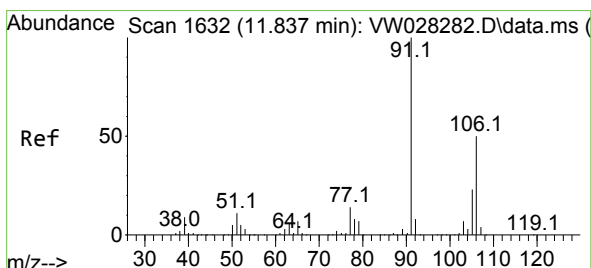
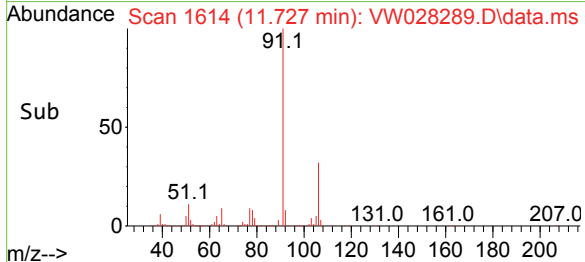
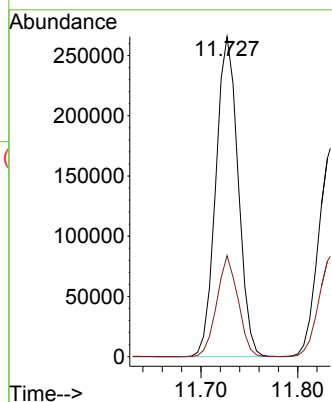
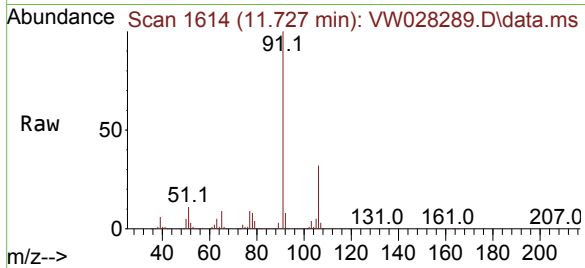




#52
Ethylbenzene
Concen: 26.017 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

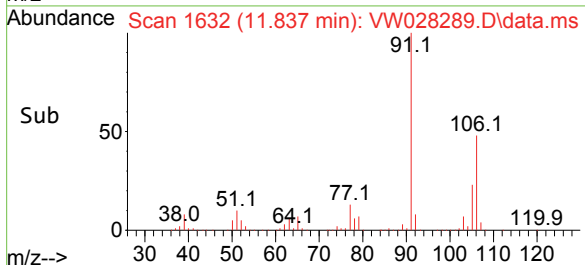
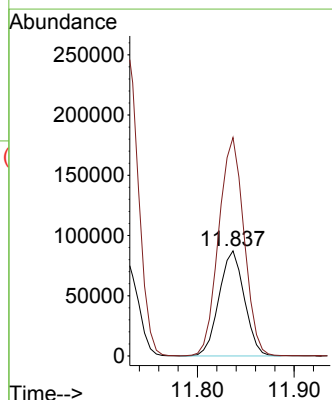
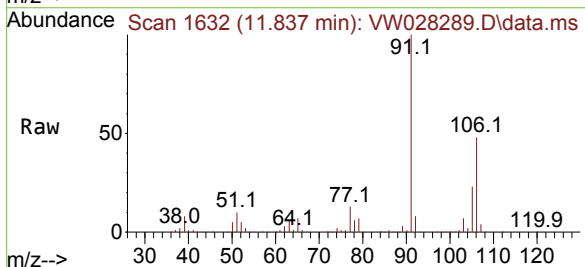
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

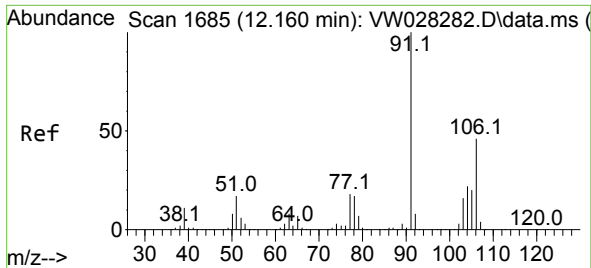
Tgt Ion: 91 Resp: 424511
Ion Ratio Lower Upper
91 100
106 31.6 21.3 39.5



#53
m,p-Xylene
Concen: 25.753 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 106 Resp: 158125
Ion Ratio Lower Upper
106 100
91 207.7 147.1 273.1

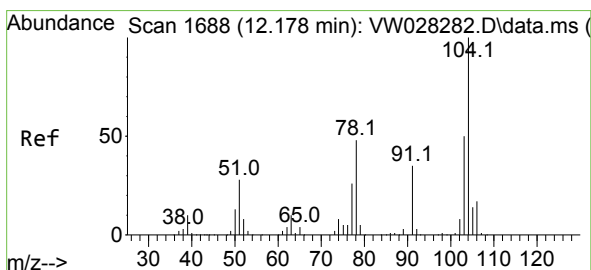
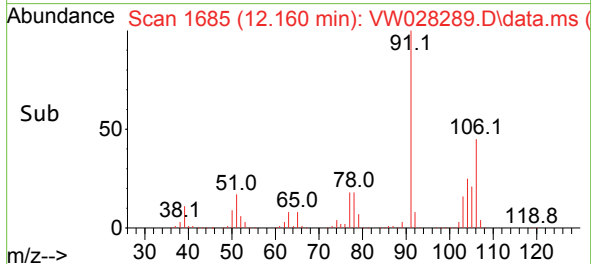
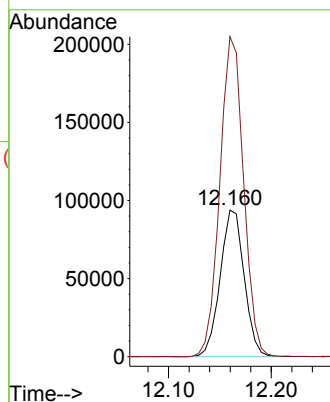
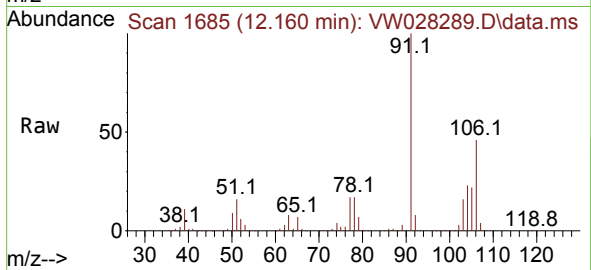




#54
o-Xylene
Concen: 26.706 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

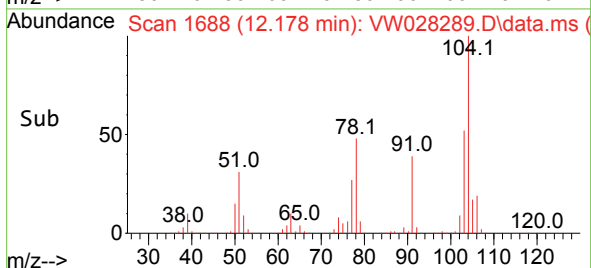
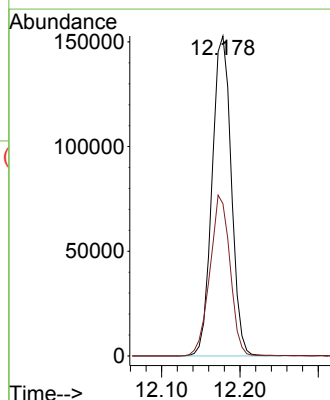
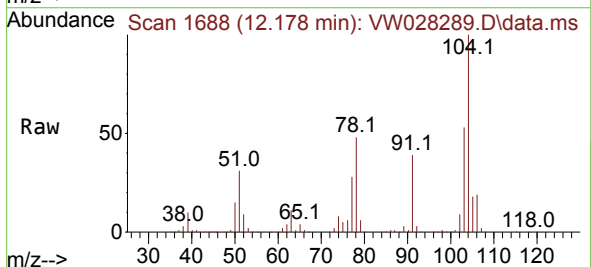
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

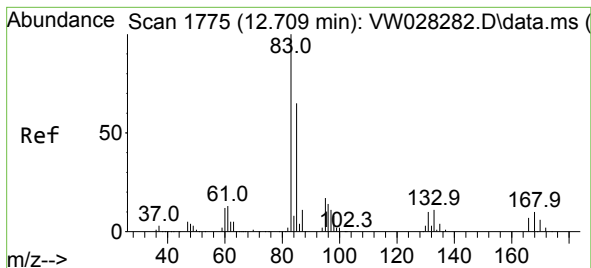
Tgt Ion:106 Resp: 152063
Ion Ratio Lower Upper
106 100
91 218.2 149.2 277.2



#55
Styrene
Concen: 26.607 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:104 Resp: 260226
Ion Ratio Lower Upper
104 100
78 47.6 33.2 61.7

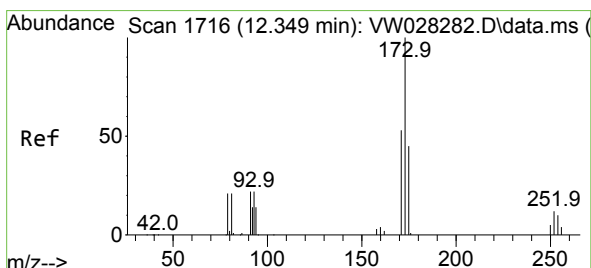
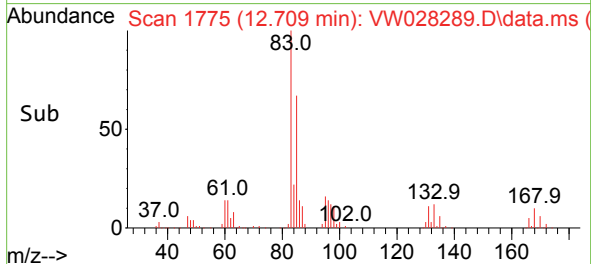
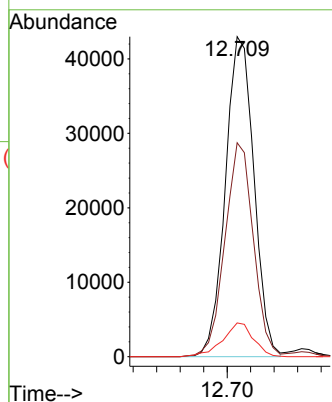
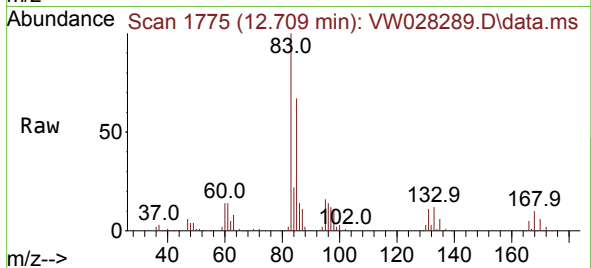




#57
1,1,2,2-Tetrachloroethane
Concen: 26.758 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

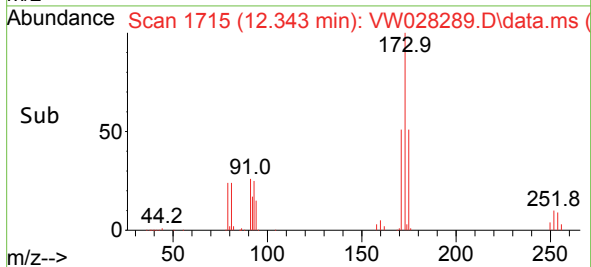
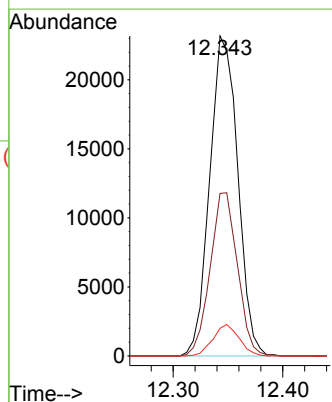
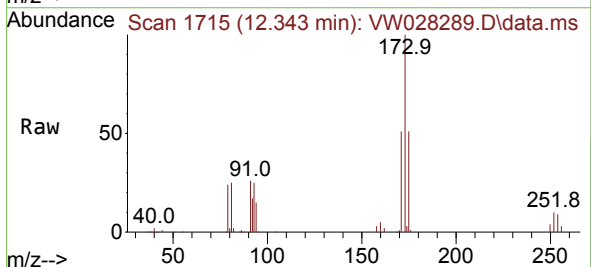
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

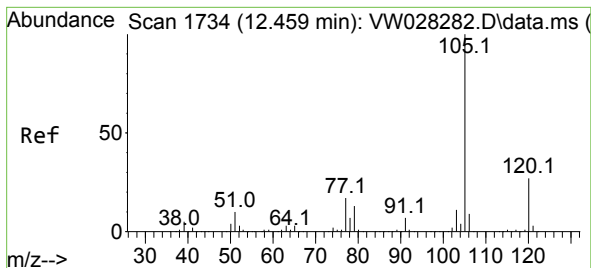
Tgt Ion: 83 Resp: 72437
Ion Ratio Lower Upper
83 100
85 66.8 47.0 87.2
131 10.6 8.9 13.3



#59
Bromoform
Concen: 25.261 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:173 Resp: 41307
Ion Ratio Lower Upper
173 100
175 49.5 39.8 59.6
254 9.2 8.5 12.7





#60

Isopropylbenzene

Concen: 26.383 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

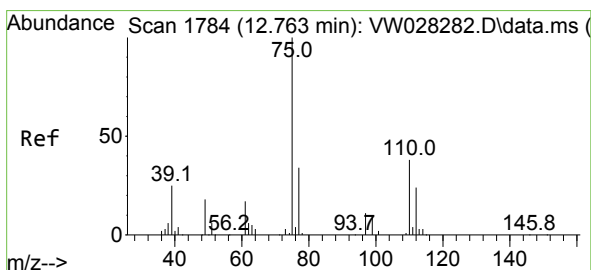
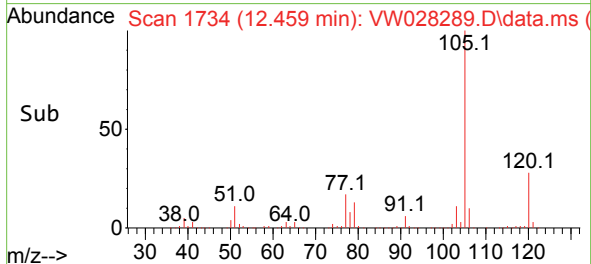
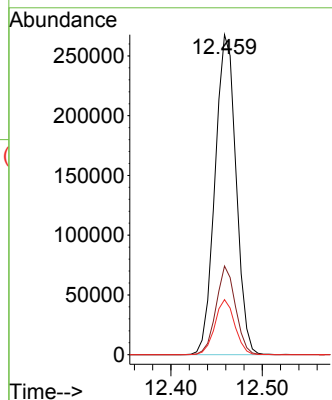
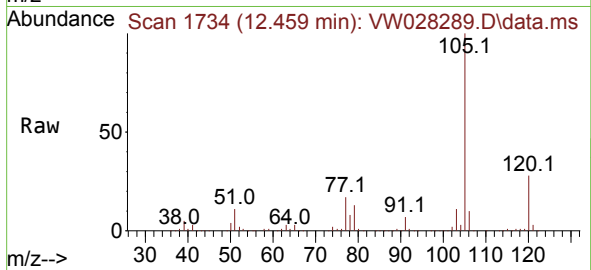
Tgt Ion:105 Resp: 427760

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 16.4 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 25.283 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

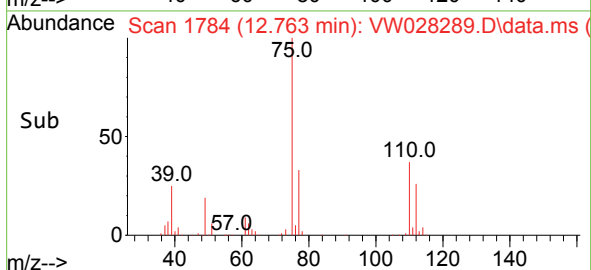
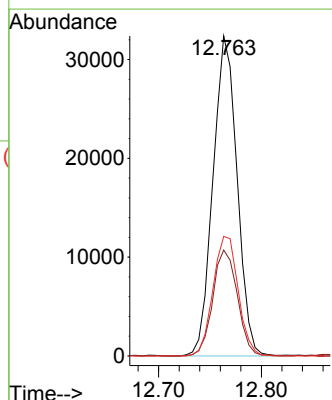
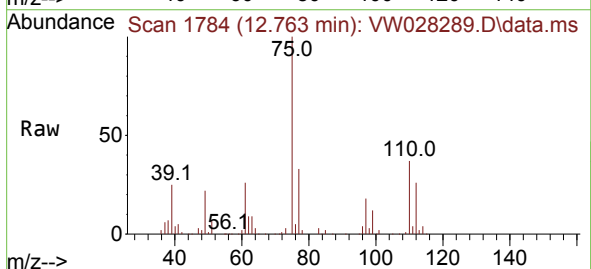
Tgt Ion: 75 Resp: 52656

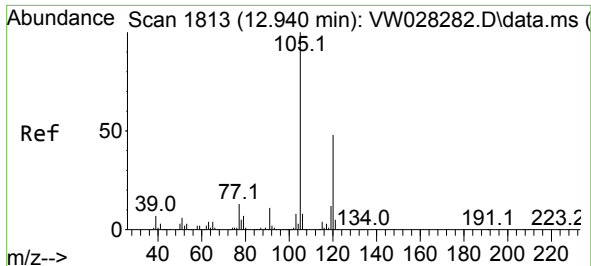
Ion Ratio Lower Upper

75 100

77 33.8 26.0 39.0

110 39.0 32.2 48.2

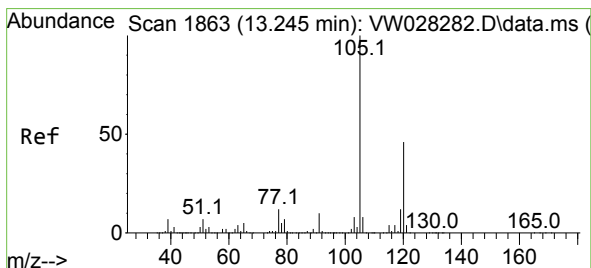
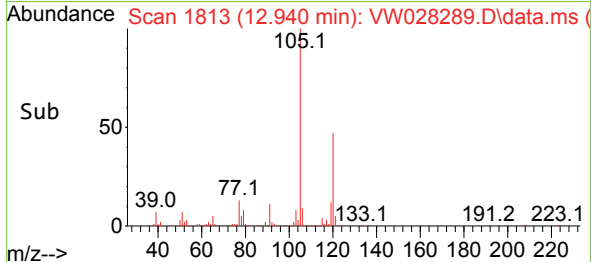
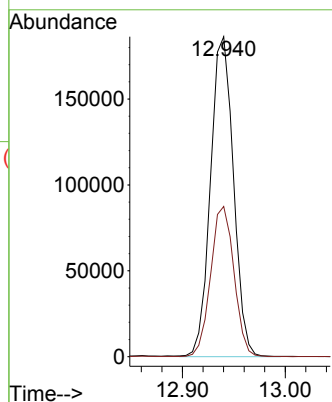
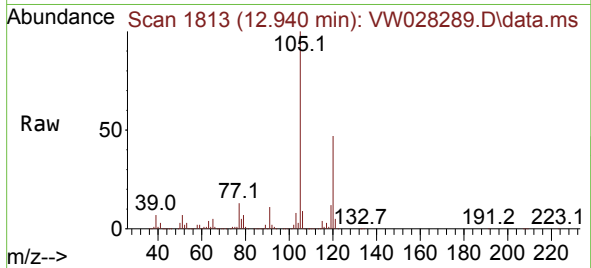




#62
1,3,5-Trimethylbenzene
Concen: 26.530 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

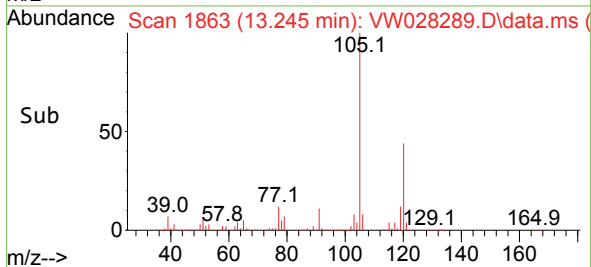
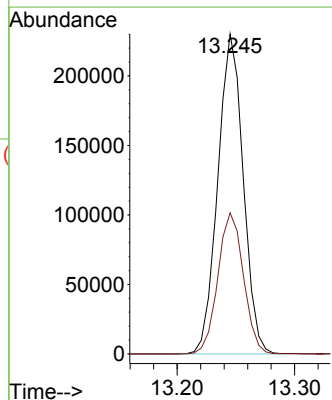
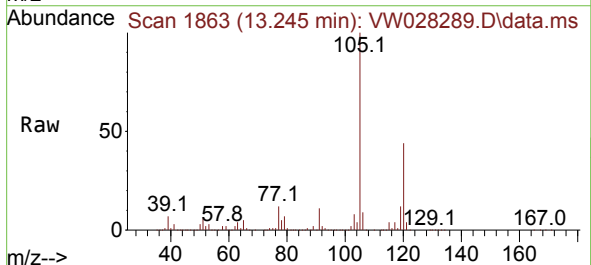
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

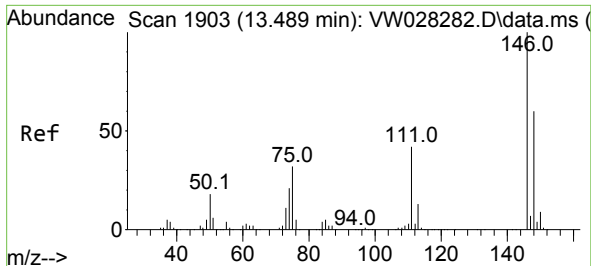
Tgt Ion:105 Resp: 288608
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.316 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:105 Resp: 345685
Ion Ratio Lower Upper
105 100
120 44.4 35.6 53.4

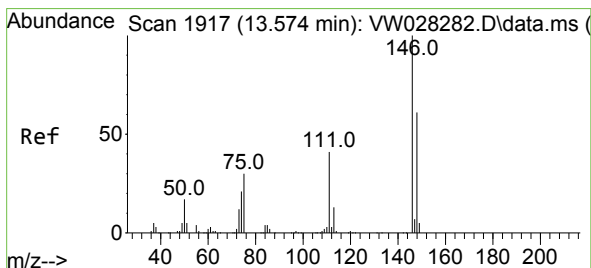
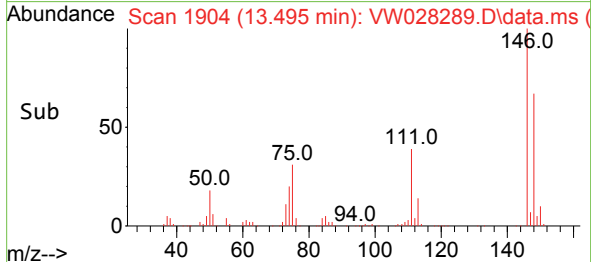
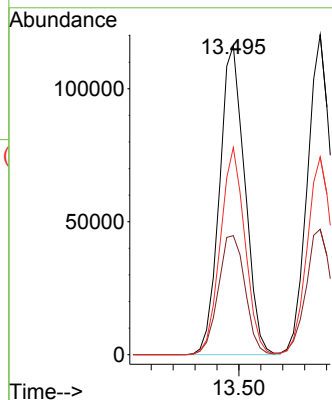
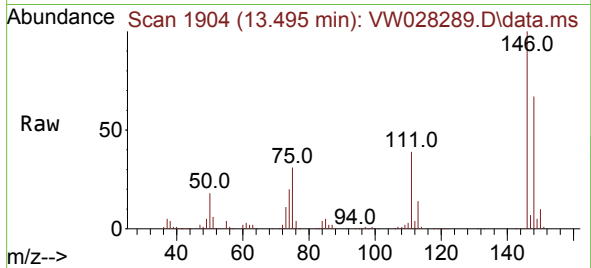




#64
1,3-Dichlorobenzene
Concen: 25.778 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

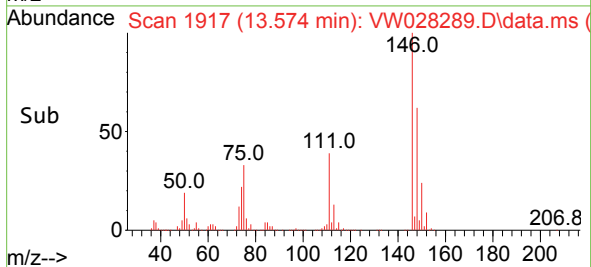
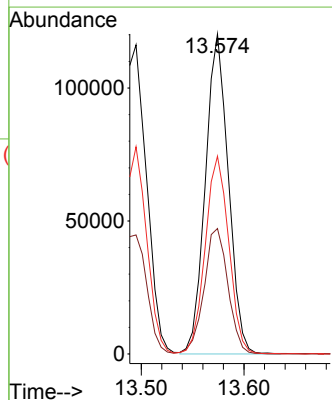
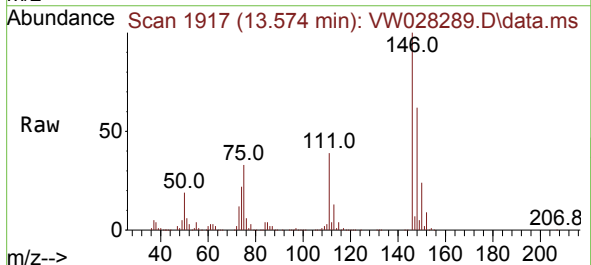
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

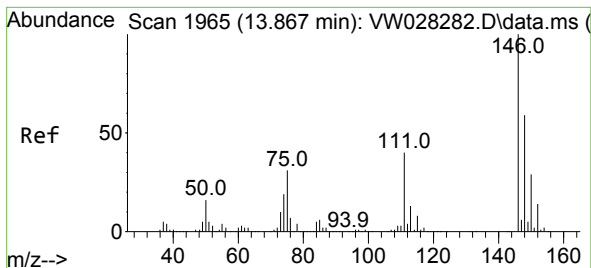
Tgt Ion:146 Resp: 186455
Ion Ratio Lower Upper
146 100
111 38.5 28.5 52.9
148 67.1 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 25.845 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:146 Resp: 186935
Ion Ratio Lower Upper
146 100
111 39.2 28.8 53.6
148 61.8 45.3 84.1

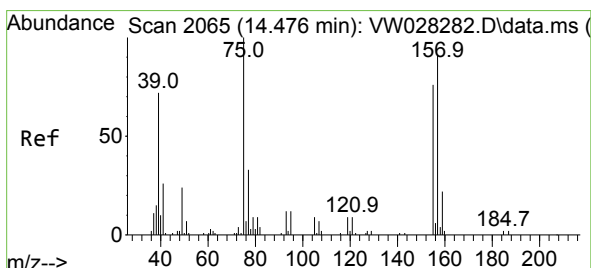
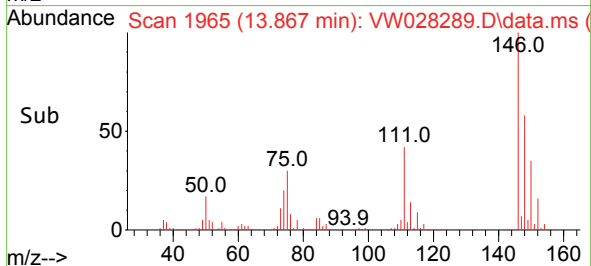
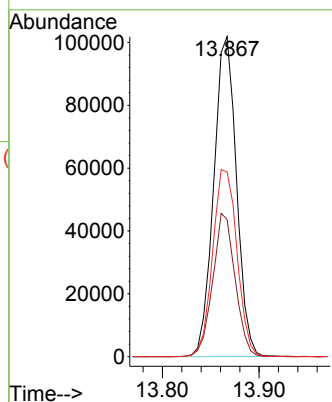
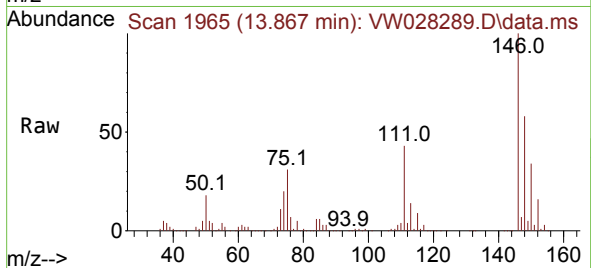




#67
1,2-Dichlorobenzene
Concen: 26.706 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

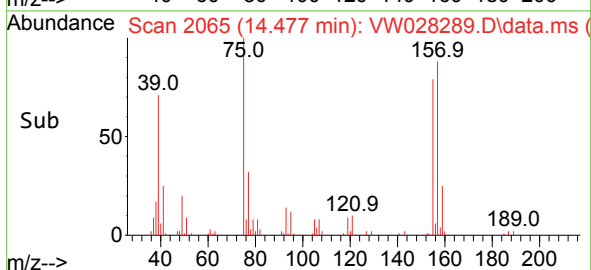
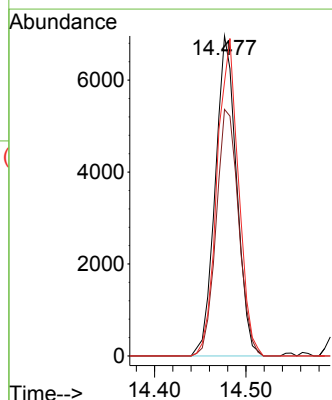
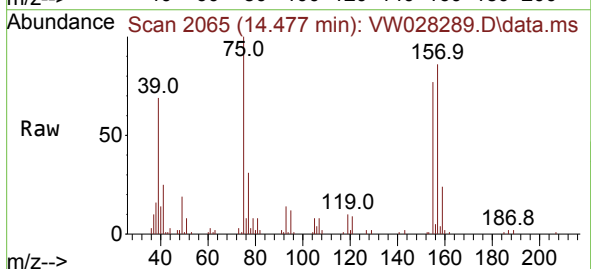
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

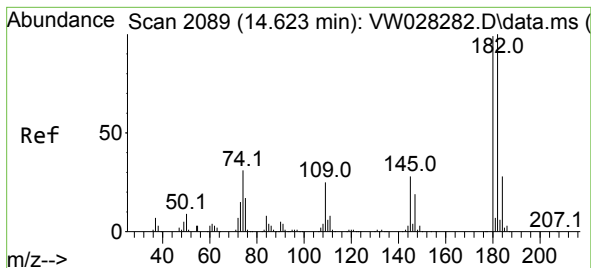
Tgt Ion:146 Resp: 166348
Ion Ratio Lower Upper
146 100
111 42.9 34.2 51.2
148 57.7 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.102 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion: 75 Resp: 11302
Ion Ratio Lower Upper
75 100
155 77.0 61.1 91.7
157 85.6 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 26.191 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion:180 Resp: 131962

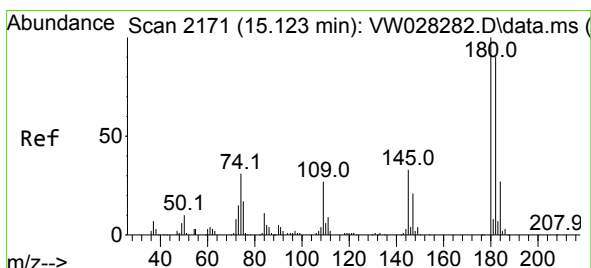
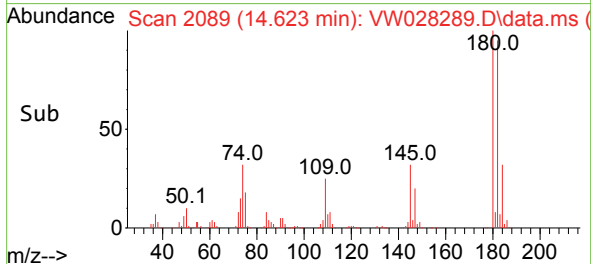
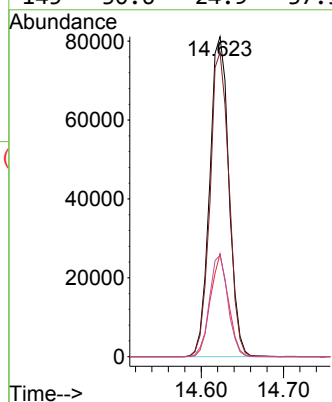
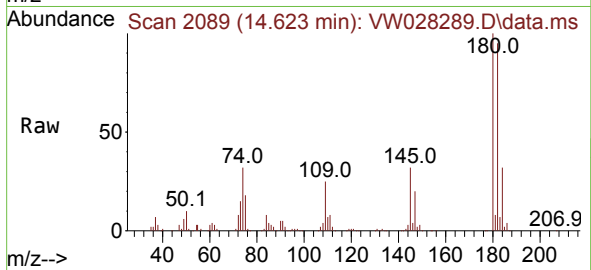
Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

184 29.8 23.5 35.3

145 30.6 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.885 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028289.D

Acq: 03 Apr 2024 12:47

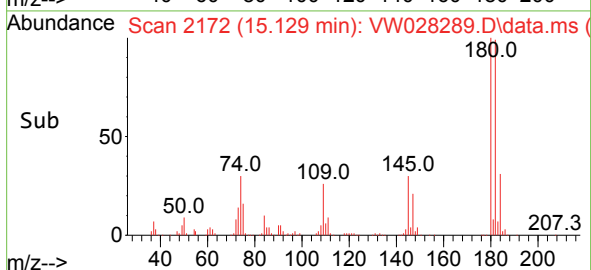
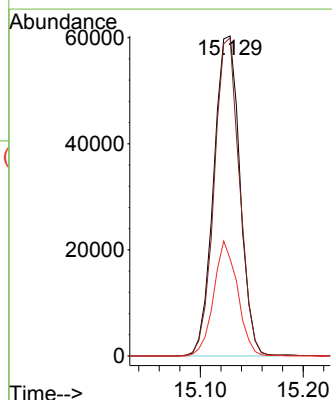
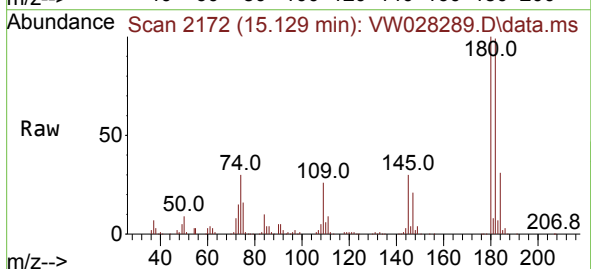
Tgt Ion:180 Resp: 106513

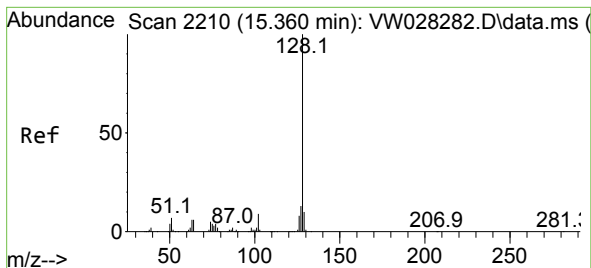
Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

145 32.8 25.0 37.6

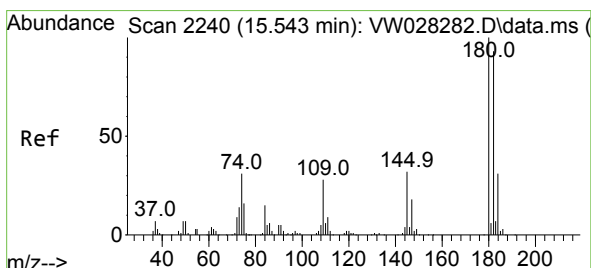
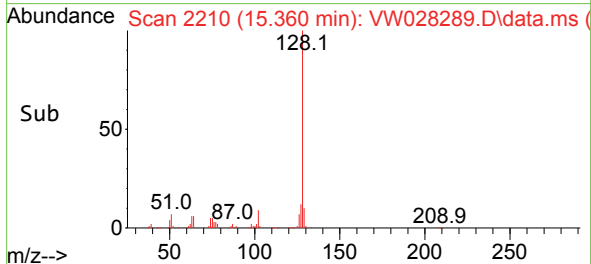
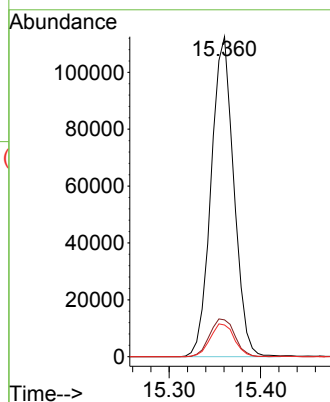
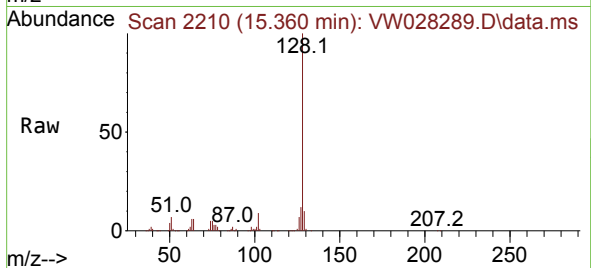




#71
Naphthalene
Concen: 26.418 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion:128 Resp: 194084
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.038 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028289.D
Acq: 03 Apr 2024 12:47

Tgt Ion:180 Resp: 91875
Ion Ratio Lower Upper
180 100
182 99.9 76.0 114.0
145 33.1 27.1 40.7

