

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063292.D
 Acq On : 10 Sep 2020 13:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 10 14:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	794347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	714447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	135641	18.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.98%	
35) Dibromofluoromethane	7.55	113	95974	19.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.00%	
50) Toluene-d8	10.06	98	377528	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	12.38	95	136517	19.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	83026	19.080	ug/l	98
3) Chloromethane	2.04	50	123441	19.491	ug/l	99
4) Vinyl Chloride	2.17	62	124497	18.137	ug/l	99
5) Bromomethane	2.54	94	85554	15.450	ug/l	99
6) Chloroethane	2.68	64	80405	15.321	ug/l	98
7) Trichlorofluoromethane	2.99	101	188187	18.160	ug/l	98
8) Diethyl Ether	3.38	74	67595	20.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99235	20.757	ug/l	99
10) Methyl Iodide	3.91	142	126861	19.588	ug/l	100
11) Tert butyl alcohol	4.73	59	98474	111.355	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	99213	20.517	ug/l	95
13) Acrolein	3.57	56	43965	133.553	ug/l	98
14) Allyl chloride	4.28	41	195125	22.391	ug/l	97
15) Acrylonitrile	4.93	53	260177	113.754	ug/l	99
16) Acetone	3.78	43	254677	122.060	ug/l	100
17) Carbon Disulfide	4.01	76	285230	19.780	ug/l	100
18) Methyl Acetate	4.28	43	120952	22.738	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	359529	20.166	ug/l	99
20) Methylene Chloride	4.50	84	116200	18.753	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	111198	20.934	ug/l	98
22) Diisopropyl ether	5.90	45	403281	20.875	ug/l	94
23) Vinyl Acetate	5.84	43	1681650	109.416	ug/l	100
24) 1,1-Dichloroethane	5.80	63	220459	20.793	ug/l	99
25) 2-Butanone	6.78	43	378780	118.099	ug/l	98
26) 2,2-Dichloropropane	6.78	77	188782	19.617	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126842	19.646	ug/l	99
28) Bromochloromethane	7.15	49	100319	18.481	ug/l	99
29) Tetrahydrofuran	7.17	42	253604	114.840	ug/l	100
30) Chloroform	7.33	83	218039	19.731	ug/l	98
31) Cyclohexane	7.61	56	199339	20.004	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	186574	19.653	ug/l	100
36) 1,1-Dichloropropene	7.75	75	162202	21.226	ug/l	99
37) Ethyl Acetate	6.88	43	168461	25.739	ug/l	99
38) Carbon Tetrachloride	7.73	117	163561	21.172	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	179762	21.049	ug/l	99
40) Benzene	8.00	78	478604	21.460	ug/l	100
41) Methacrylonitrile	7.13	41	72681	22.019	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	177928	21.264	ug/l	98
43) Isopropyl Acetate	8.13	43	285064	22.902	ug/l	99
44) Trichloroethene	8.80	130	121120	22.060	ug/l	100
45) 1,2-Dichloropropane	9.08	63	132425	22.234	ug/l	97
46) Dibromomethane	9.18	93	82499	21.151	ug/l	100
47) Bromodichloromethane	9.37	83	172801	20.698	ug/l	98
48) Methyl methacrylate	9.17	41	133131	23.621	ug/l	99
49) 1,4-Dioxane	9.17	88	41013	472.995	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	821394	121.317	ug/l	99
52) Toluene	10.13	92	288847	20.873	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190555	20.953	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	206731	21.426	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	114276	21.508	ug/l	98
56) Ethyl methacrylate	10.40	69	177997	21.970	ug/l	98
57) 1,3-Dichloropropane	10.68	76	201114	21.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	445942	107.017	ug/l	99
59) 2-Hexanone	10.72	43	593474	124.243	ug/l	100
60) Dibromochloromethane	10.87	129	123586	21.048	ug/l	98
61) 1,2-Dibromoethane	10.98	107	117305	21.336	ug/l	100
64) Tetrachloroethene	10.60	164	120767	23.038	ug/l	94
65) Chlorobenzene	11.41	112	307055	21.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	111615	21.047	ug/l	99
67) Ethyl Benzene	11.49	91	566677	21.638	ug/l	98
68) m/p-Xylenes	11.59	106	412967	42.718	ug/l	97
69) o-Xylene	11.92	106	198967	21.299	ug/l	100
70) Styrene	11.94	104	331092	20.689	ug/l	99
71) Bromoform	12.10	173	79325	21.904	ug/l #	98
73) Isopropylbenzene	12.23	105	535977	21.655	ug/l	100
74) N-amyl acetate	12.05	43	231282	22.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	154896	21.777	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	216546	31.111	ug/l #	100
77) Bromobenzene	12.50	156	118130	21.000	ug/l	95
78) n-propylbenzene	12.57	91	619785	21.641	ug/l	98
79) 2-Chlorotoluene	12.65	91	373549	21.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	450166	21.756	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	55837	21.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	378845	21.260	ug/l	100
83) tert-Butylbenzene	12.97	119	371291	21.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	452965	21.721	ug/l	99
85) sec-Butylbenzene	13.15	105	479099	20.912	ug/l	99
86) p-Isopropyltoluene	13.26	119	436856	21.425	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	222822	21.617	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	219553	20.646	ug/l	98
89) n-Butylbenzene	13.59	91	388342	20.587	ug/l	99
90) Hexachloroethane	13.85	117	73045	19.431	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217509	21.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35455	22.260	ug/l	97

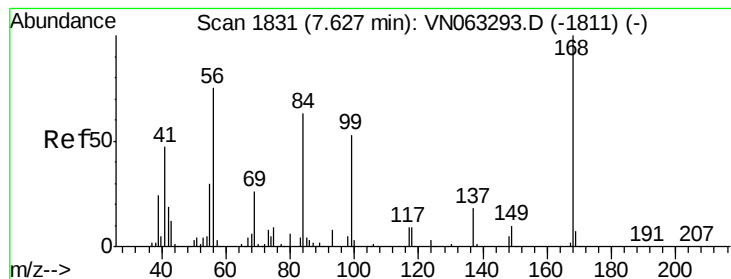
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
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Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	121730	21.526	ug/l	99
94) Hexachlorobutadiene	14.98	225	45797	21.427	ug/l	95
95) Naphthalene	15.11	128	385532	20.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	117614	21.351	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

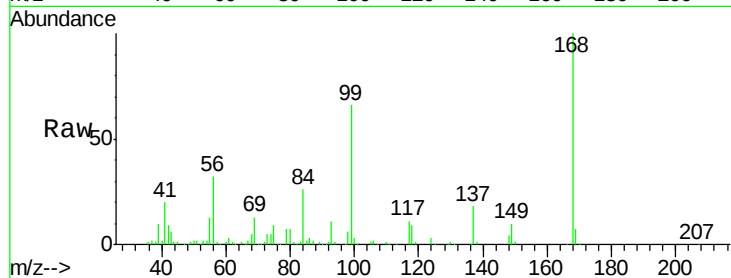
VSTDIC020

Tgt Ion:168 Resp: 446276

Ion Ratio Lower Upper

168 100

99 65.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

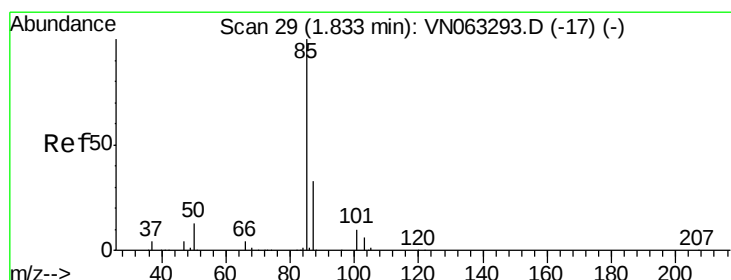
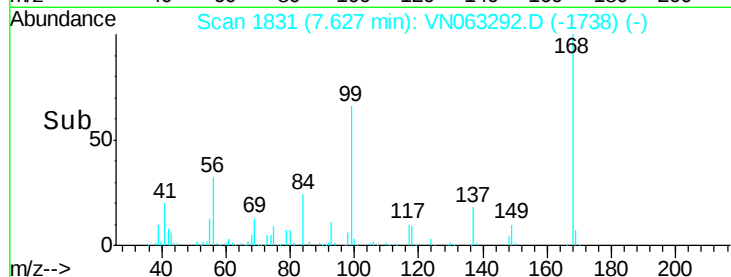
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063292.D

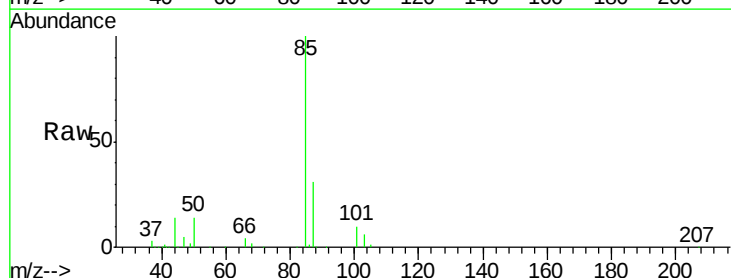
Acq: 10 Sep 2020 13:32

Tgt Ion: 85 Resp: 83026

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

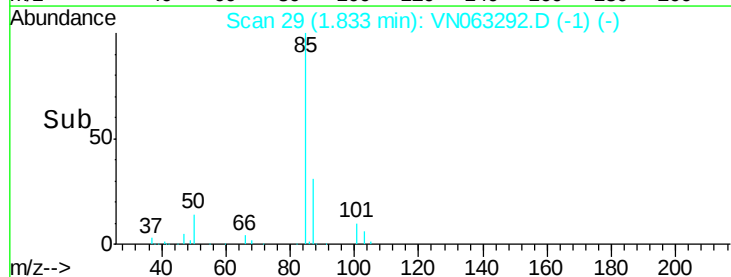
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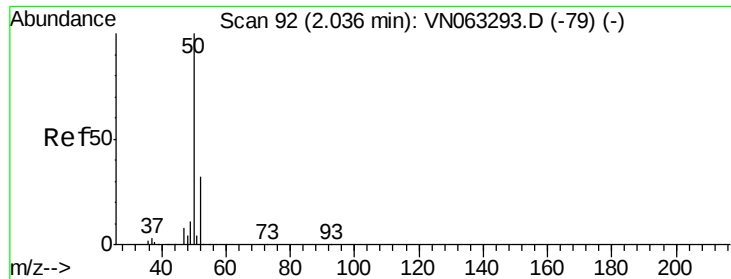
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.491 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

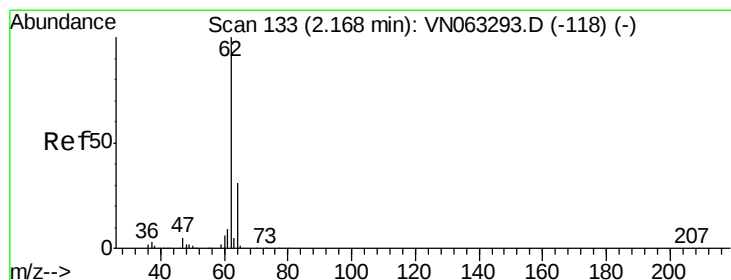
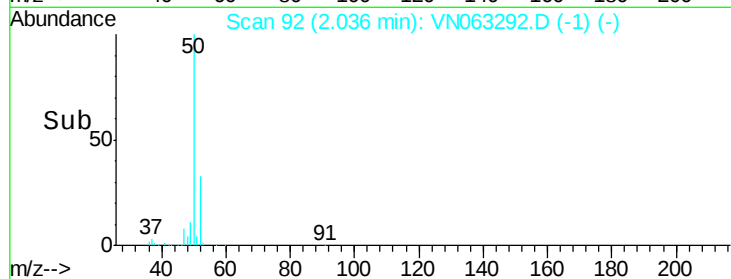
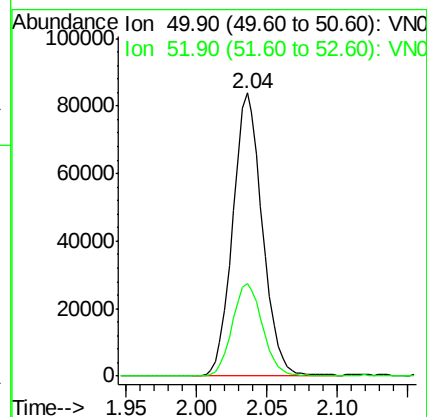
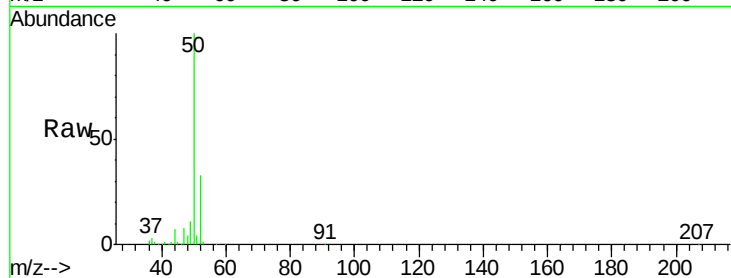
VSTDIC020

Tgt Ion: 50 Resp: 123441

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 18.137 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063292.D

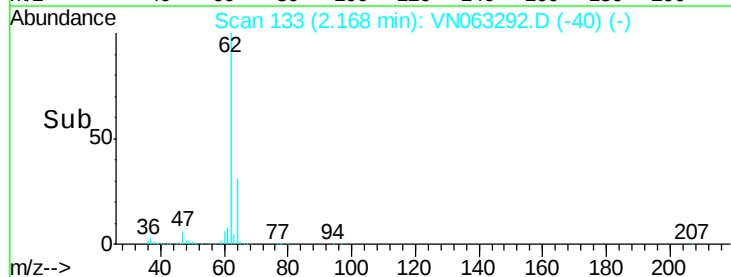
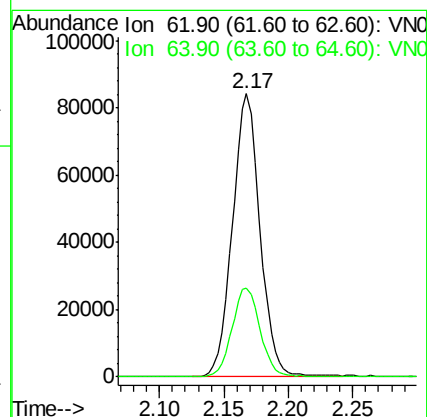
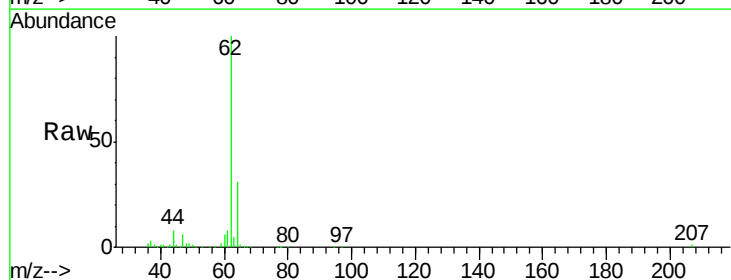
Acq: 10 Sep 2020 13:32

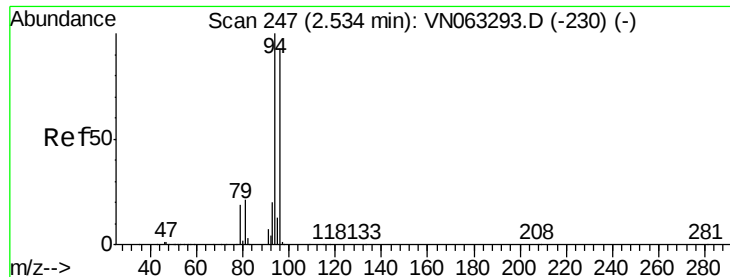
Tgt Ion: 62 Resp: 124497

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 15.450 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

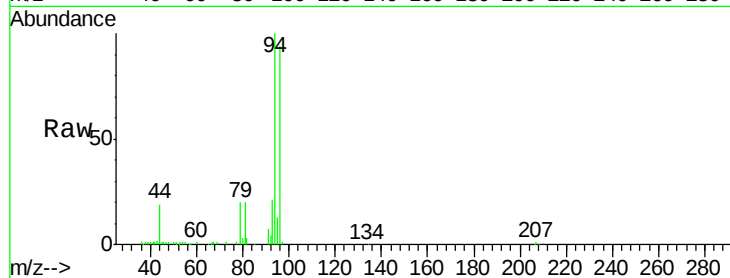
VSTDIC020

Tgt Ion: 94 Resp: 85554

Ion Ratio Lower Upper

94 100

96 93.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN063292.D (-154) (-)

Ion 95.90 (95.60 to 96.60): VN063292.D (-154) (-)

2.54

50000

40000

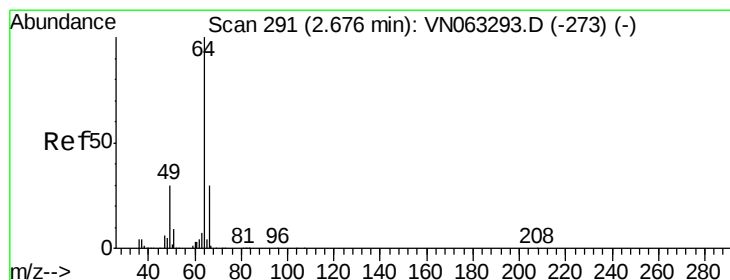
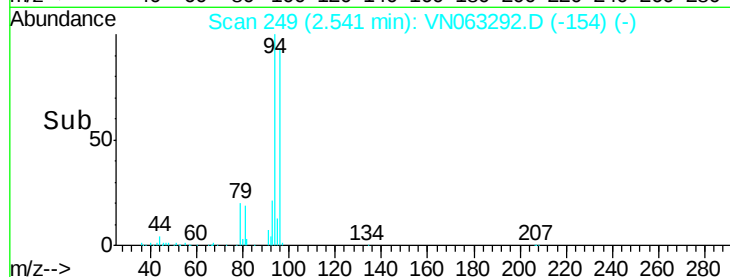
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 15.321 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063292.D

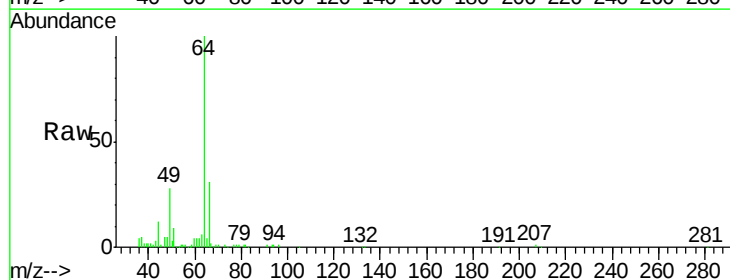
Acq: 10 Sep 2020 13:32

Tgt Ion: 64 Resp: 80405

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN063292.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN063292.D (-198) (-)

2.68

50000

40000

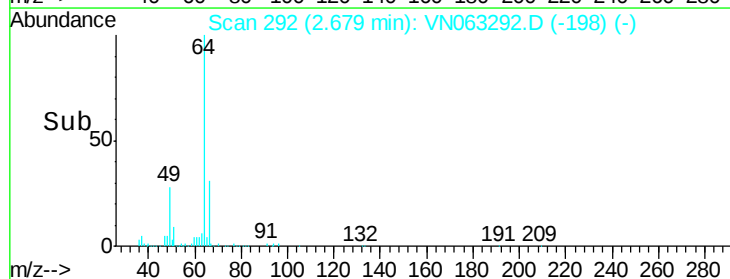
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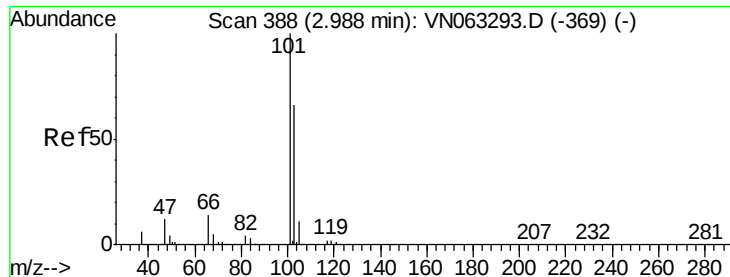
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10000

0

Time-->



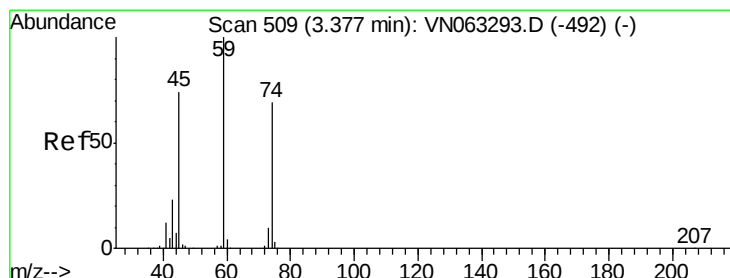
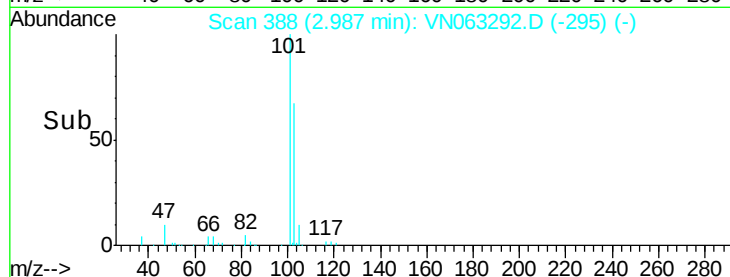
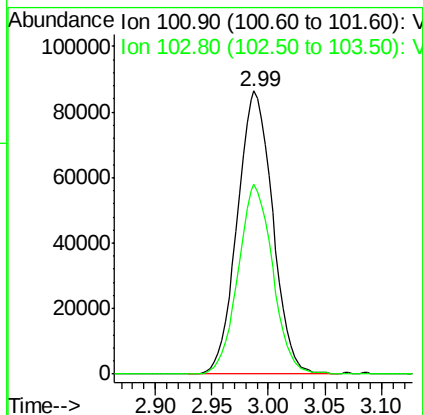
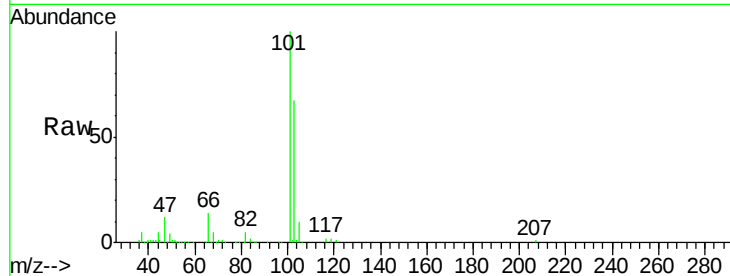


#7

Trichlorofluoromethane
 Concen: 18.160 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
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 VSTDIC020

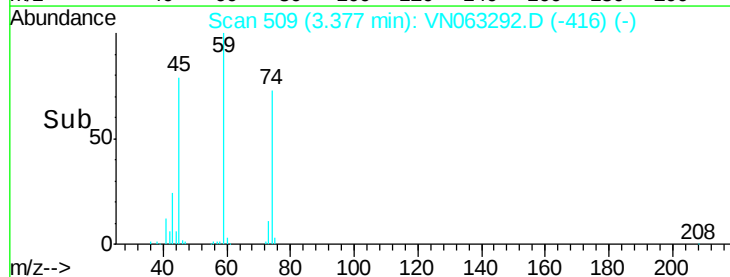
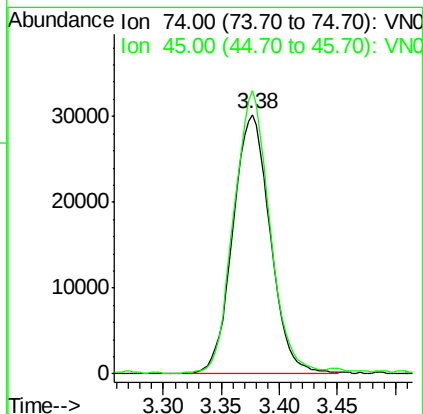
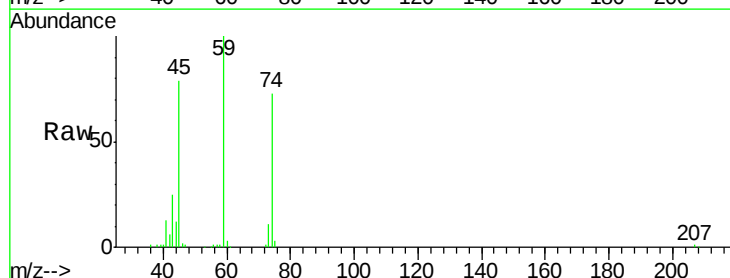
Tgt Ion: 101 Resp: 188187
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.4 78.6

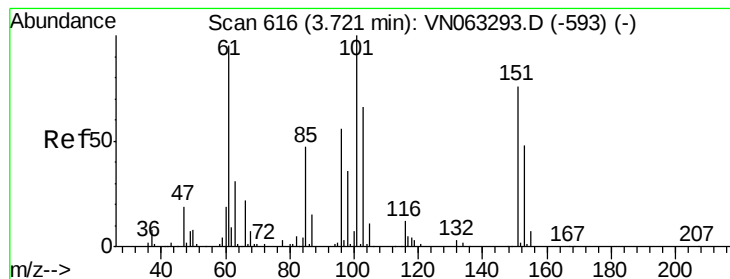


#8

Diethyl Ether
 Concen: 20.131 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 74 Resp: 67595
 Ion Ratio Lower Upper
 74 100
 45 105.7 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.757 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

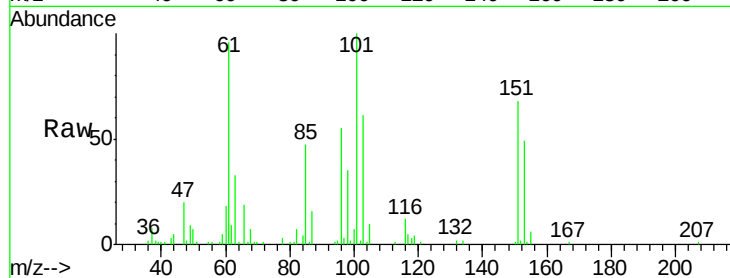
Tgt Ion:101 Resp: 99235

Ion Ratio Lower Upper

101 100

85 46.7 36.9 55.3

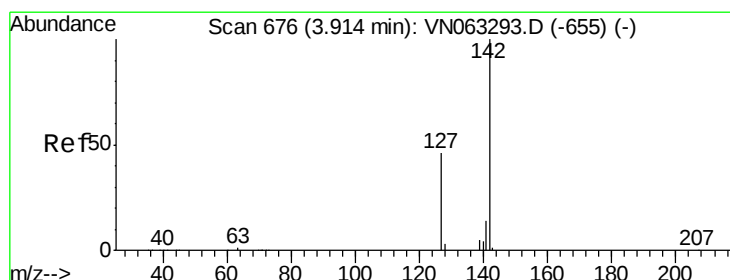
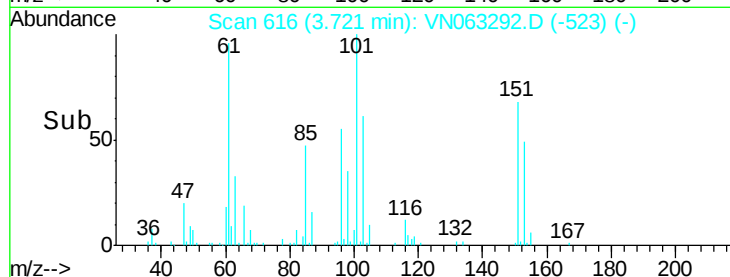
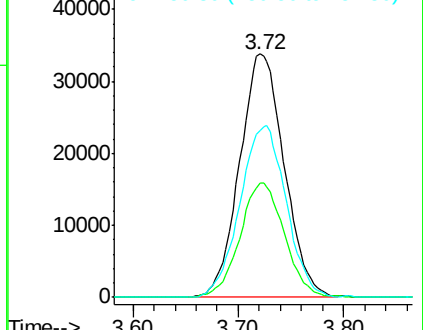
151 73.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.588 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

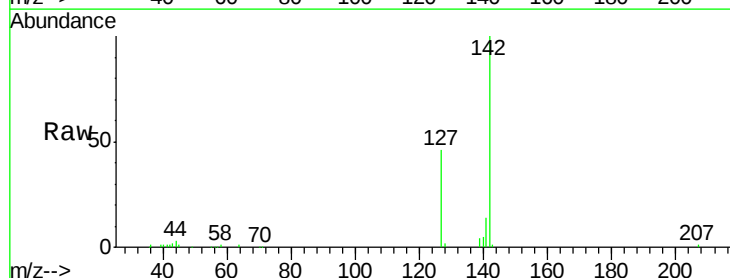
Tgt Ion:142 Resp: 126861

Ion Ratio Lower Upper

142 100

127 46.6 37.1 55.7

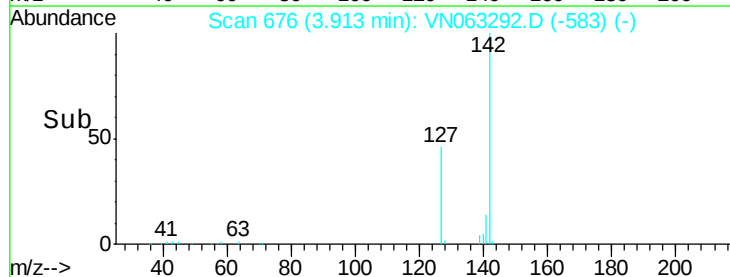
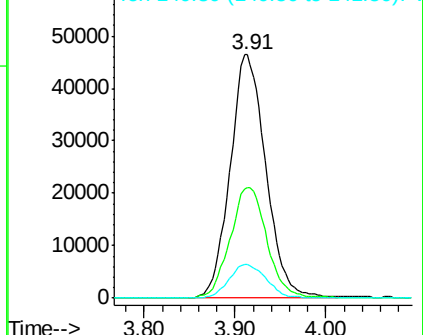
141 14.4 11.6 17.4

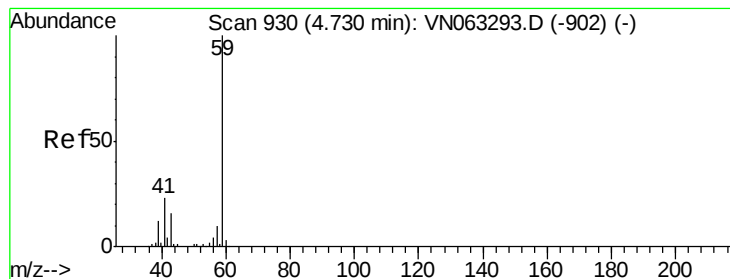


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



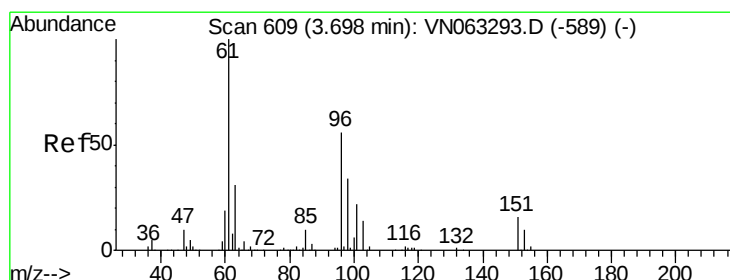
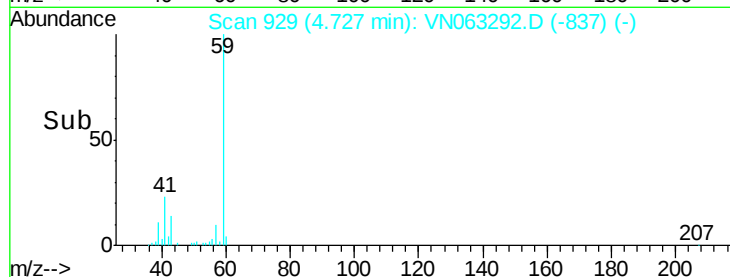
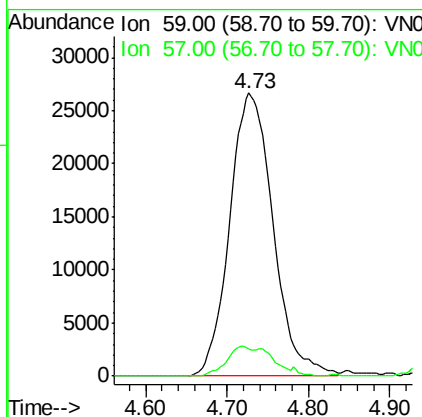
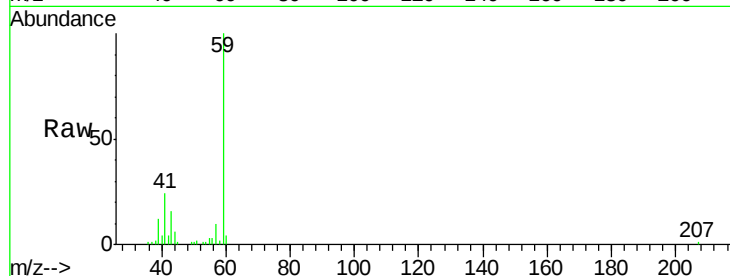


#11

Tert butyl alcohol
 Concen: 111.355 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

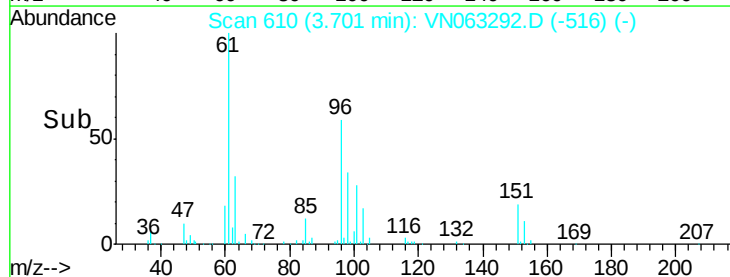
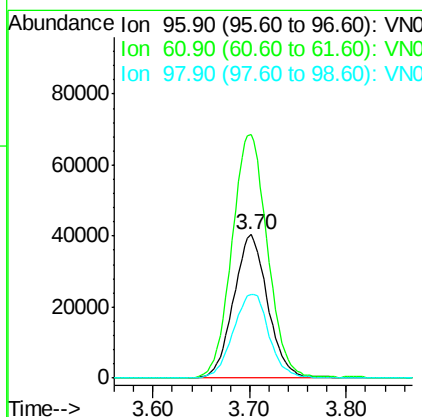
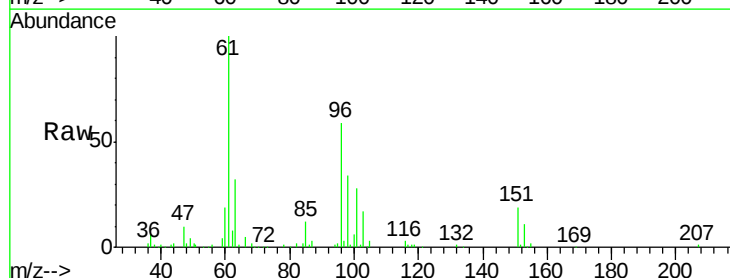
Tgt Ion: 59 Resp: 98474
 Ion Ratio Lower Upper
 59 100
 57 6.4 8.3 12.5#

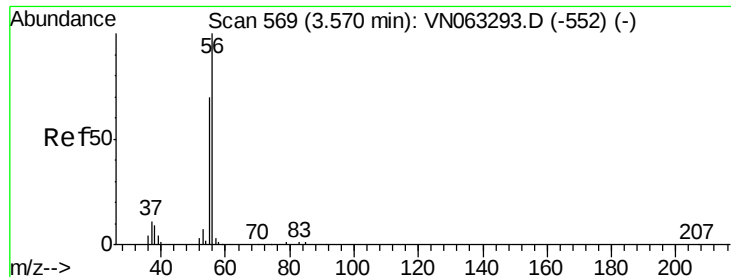


#12

1,1-Dichloroethene
 Concen: 20.517 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 96 Resp: 99213
 Ion Ratio Lower Upper
 96 100
 61 169.9 142.1 213.1
 98 58.4 48.8 73.2





#13

Acrolein

Concen: 133.553 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

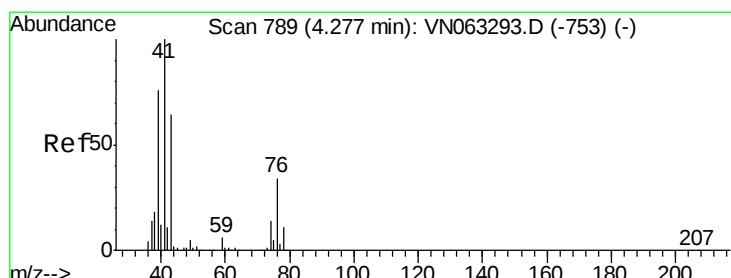
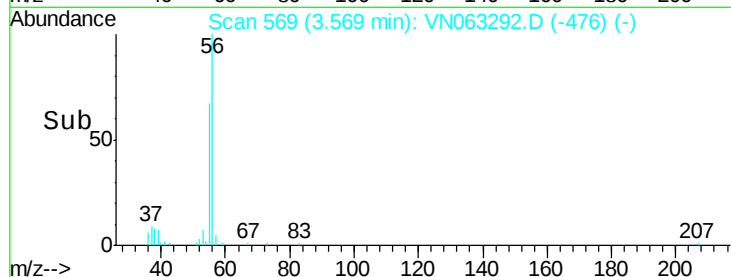
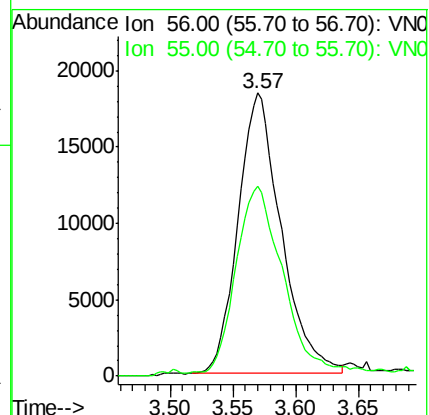
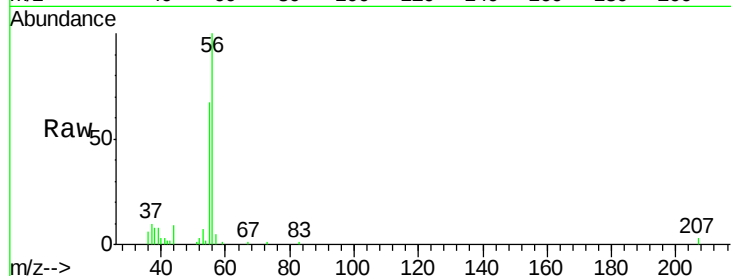
VSTDIC020

Tgt Ion: 56 Resp: 43965

Ion Ratio Lower Upper

56 100

55 73.4 57.2 85.8



#14

Allyl chloride

Concen: 22.391 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

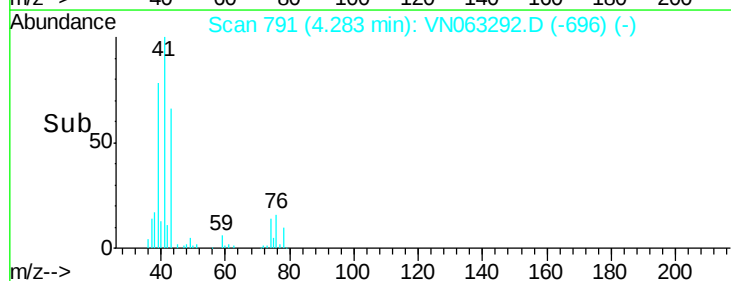
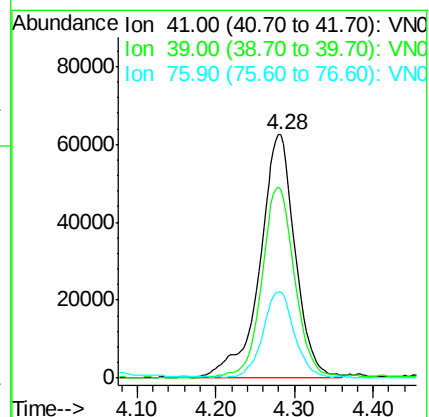
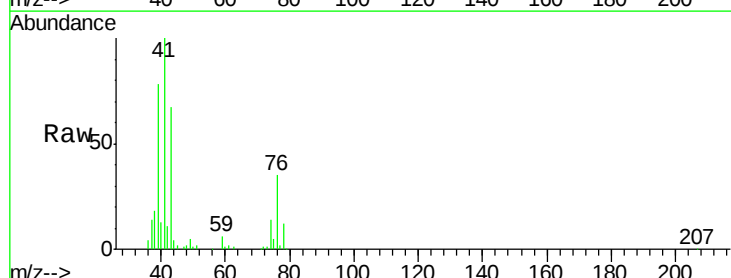
Tgt Ion: 41 Resp: 195125

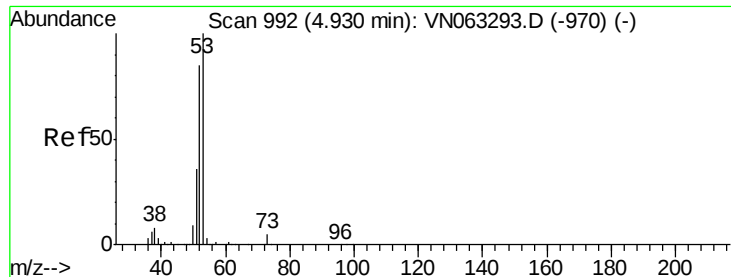
Ion Ratio Lower Upper

41 100

39 74.4 57.4 86.2

76 31.2 25.7 38.5





#15

Acrylonitrile

Concen: 113.754 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

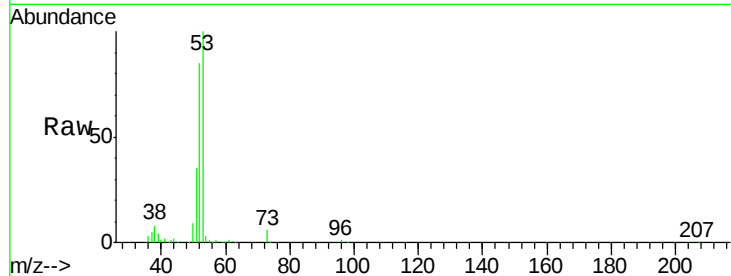
Tgt Ion: 53 Resp: 260177

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

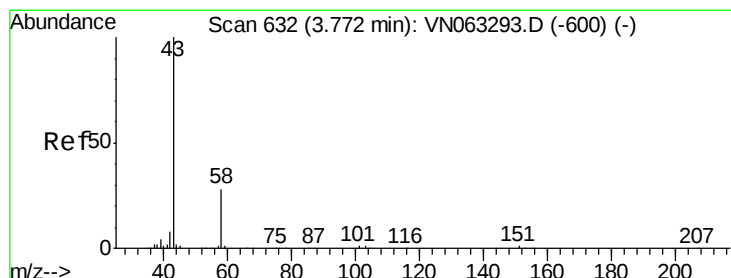
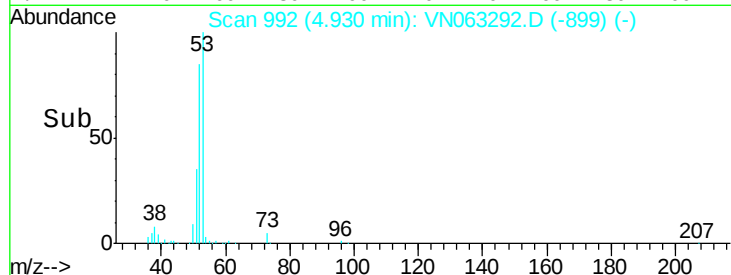
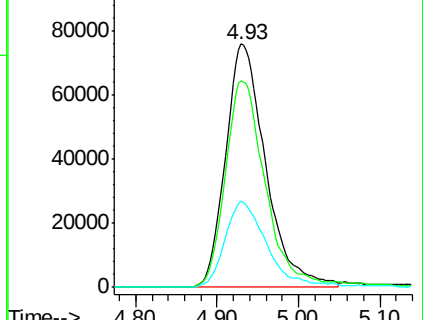
51 35.9 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN063292.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063292.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063292.D (-899) (-)



#16

Acetone

Concen: 122.060 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063292.D

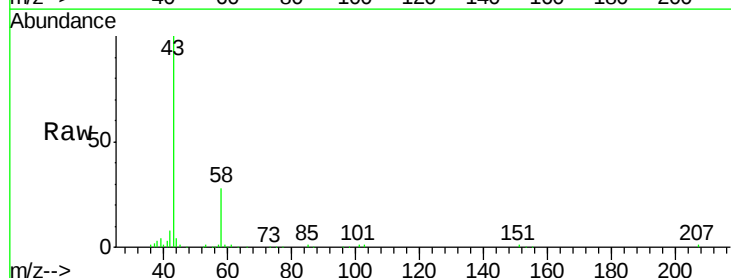
Acq: 10 Sep 2020 13:32

Tgt Ion: 43 Resp: 254677

Ion Ratio Lower Upper

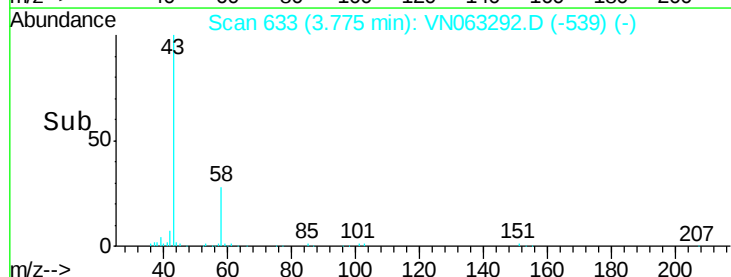
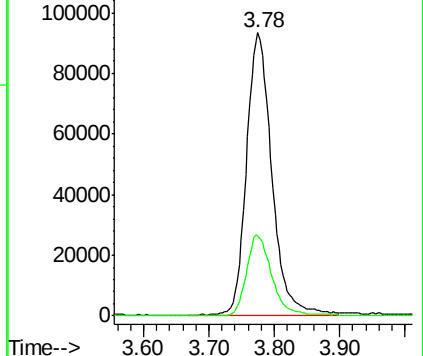
43 100

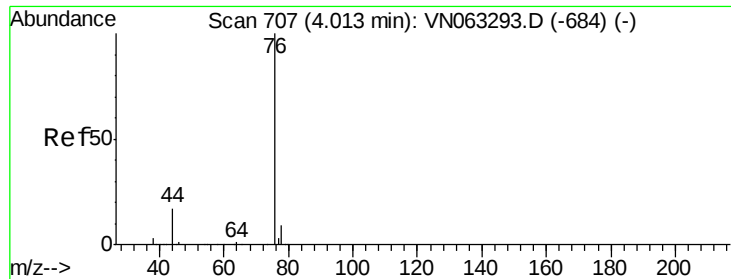
58 28.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063292.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063292.D (-539) (-)

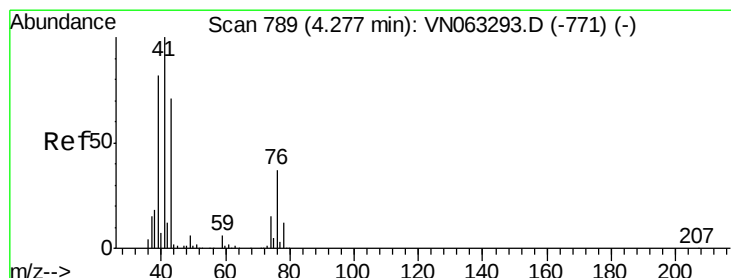
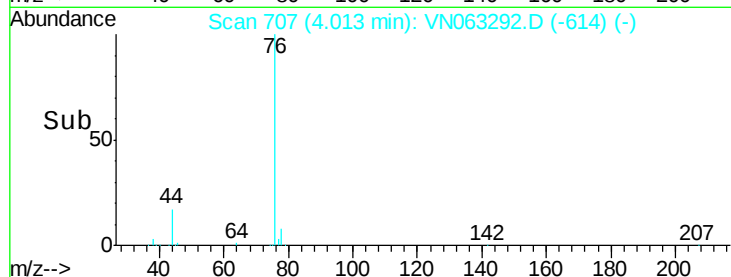
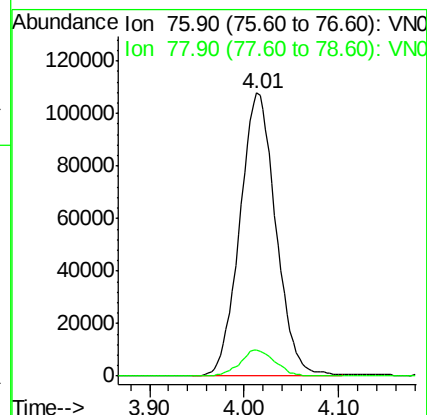
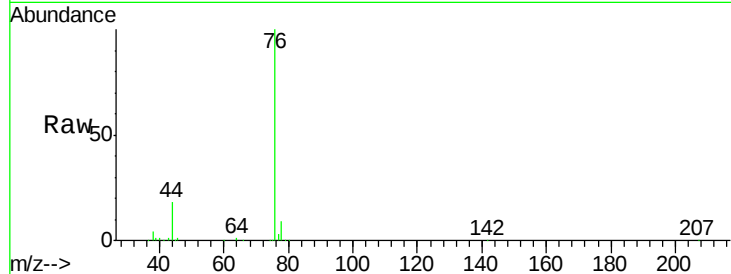




#17
Carbon Disulfide
Concen: 19.780 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

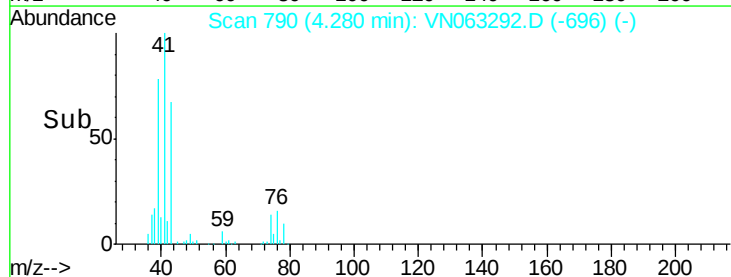
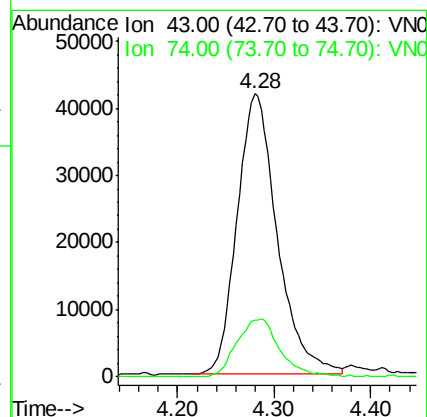
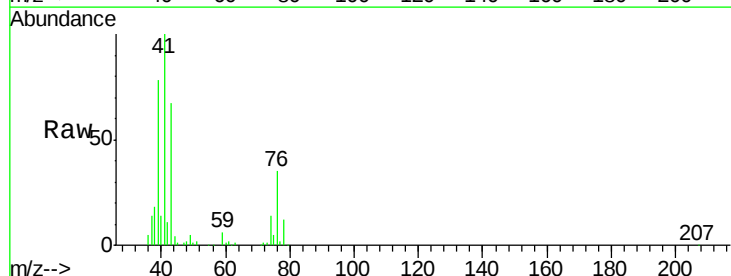
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

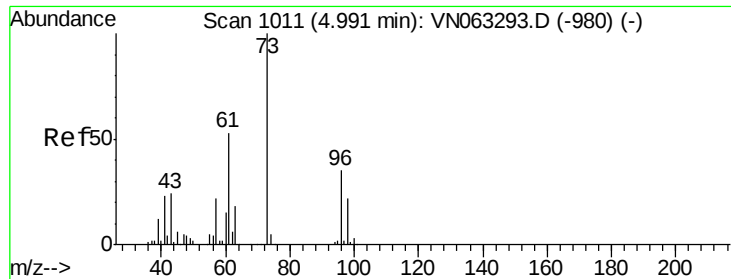
Tgt Ion: 76 Resp: 285230
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 22.738 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 43 Resp: 120952
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.6

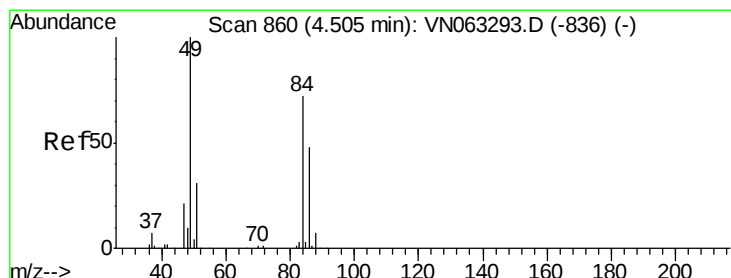
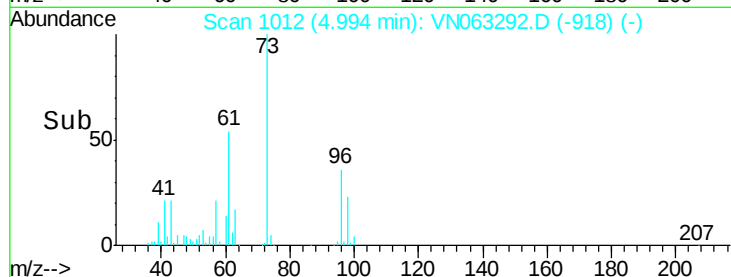
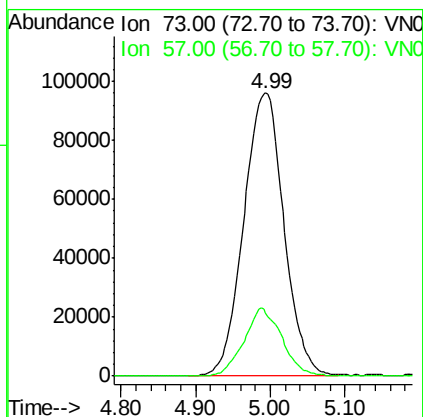
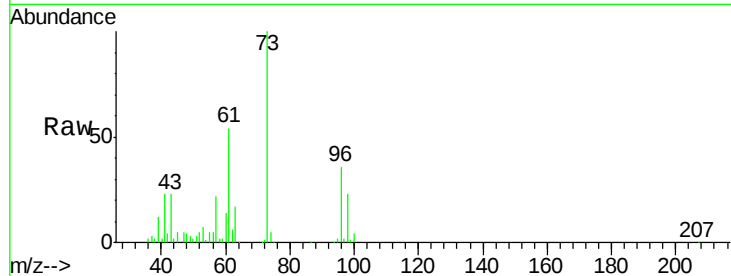




#19
Methyl tert-butyl Ether
Concen: 20.166 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

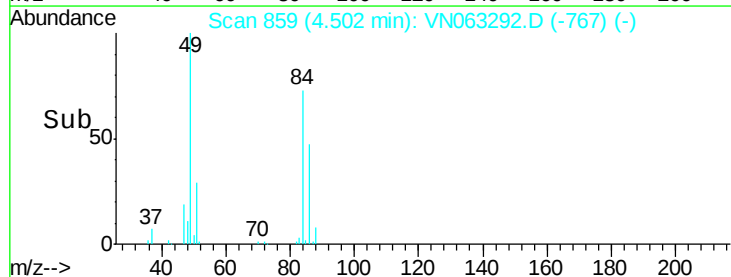
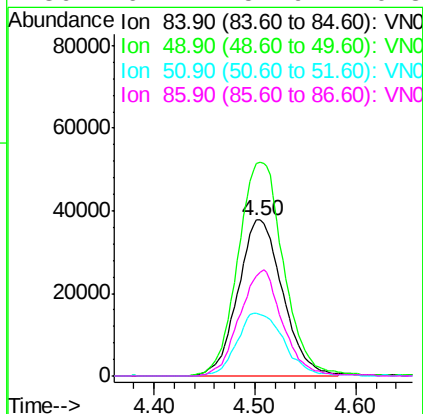
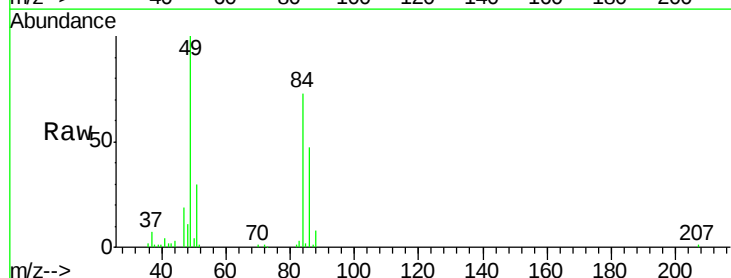
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

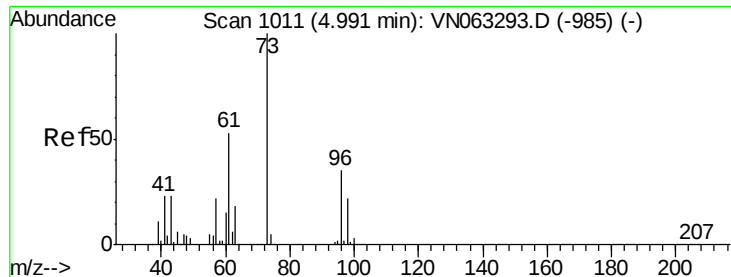
Tgt Ion: 73 Resp: 359529
Ion Ratio Lower Upper
73 100
57 22.3 17.5 26.3



#20
Methylene Chloride
Concen: 18.753 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 84 Resp: 116200
Ion Ratio Lower Upper
84 100
49 136.2 111.1 166.7
51 40.3 34.3 51.5
86 64.4 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 20.934 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

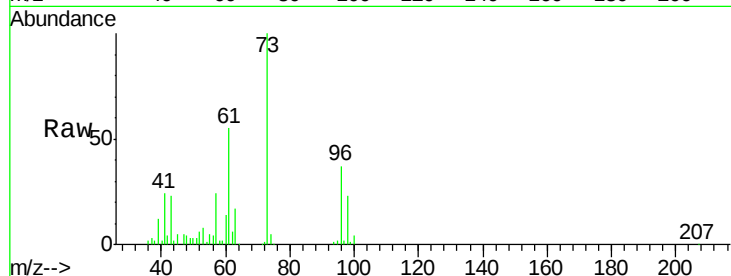
Tgt Ion: 96 Resp: 111198

Ion Ratio Lower Upper

96 100

61 149.4 121.8 182.8

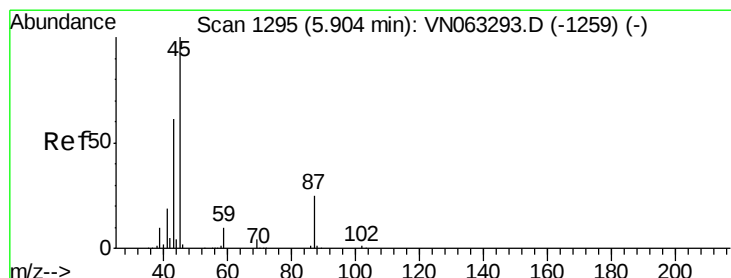
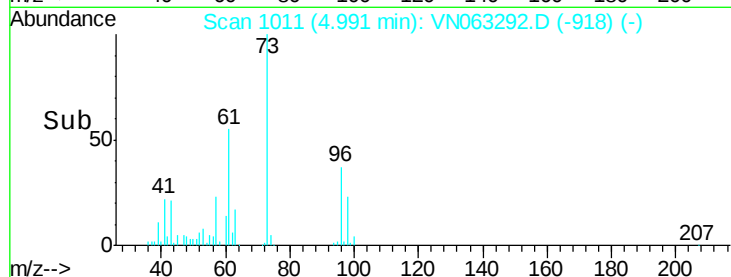
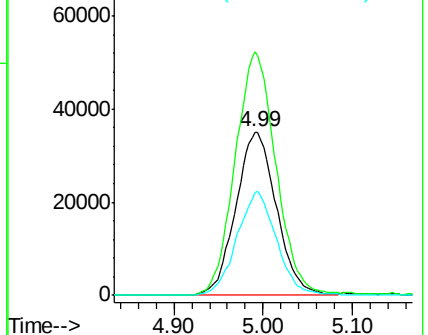
98 62.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN063292.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063292.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063292.D (-918) (-)



#22

Diisopropyl ether

Concen: 20.875 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion: 45 Resp: 403281

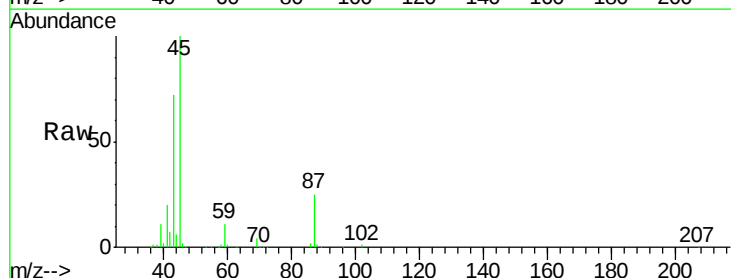
Ion Ratio Lower Upper

45 100

43 69.0 50.3 75.5

87 24.5 20.7 31.1

59 10.8 8.4 12.6

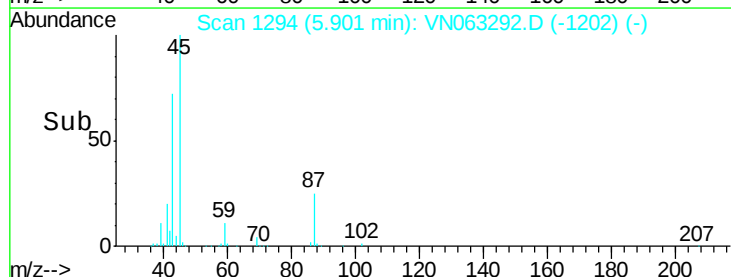
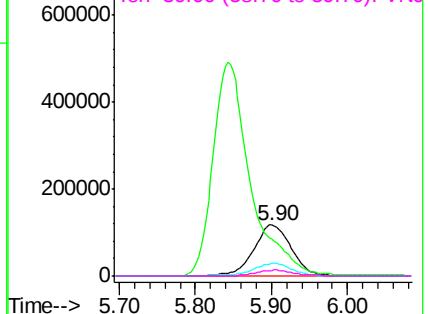


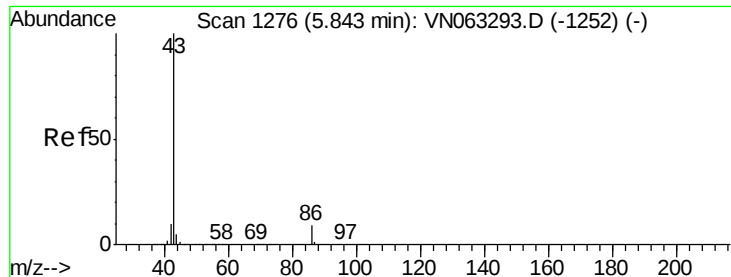
Abundance Ion 45.00 (44.70 to 45.70): VN063292.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063292.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063292.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063292.D (-1202) (-)





#23

Vinyl Acetate

Concen: 109.416 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

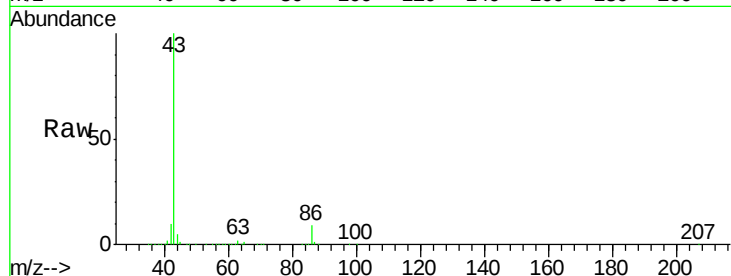
VSTDIC020

Tgt Ion: 43 Resp: 1681650

Ion Ratio Lower Upper

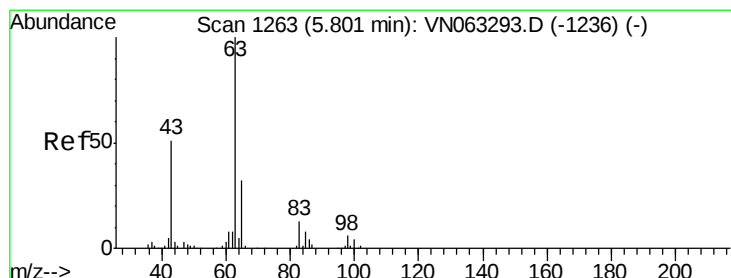
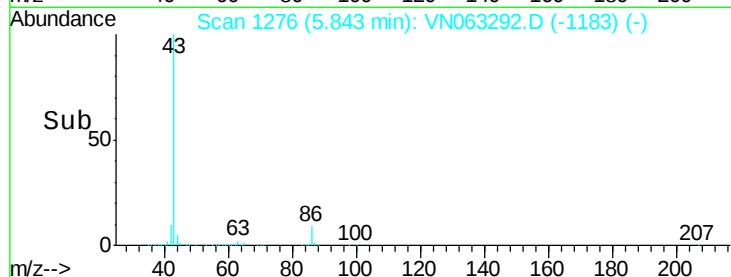
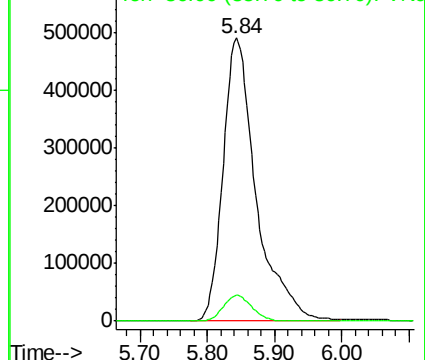
43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.793 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

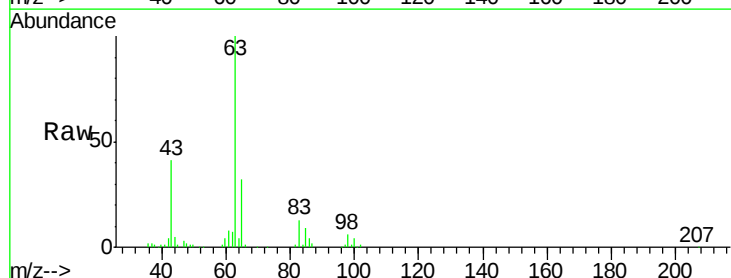
Tgt Ion: 63 Resp: 220459

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

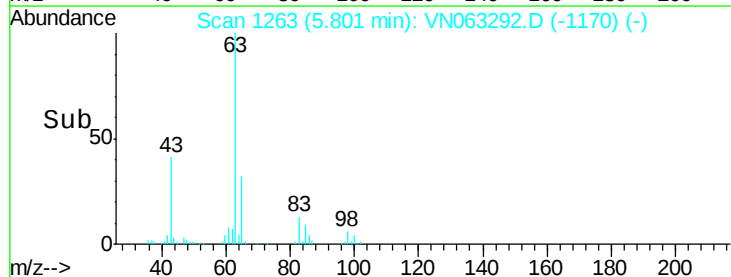
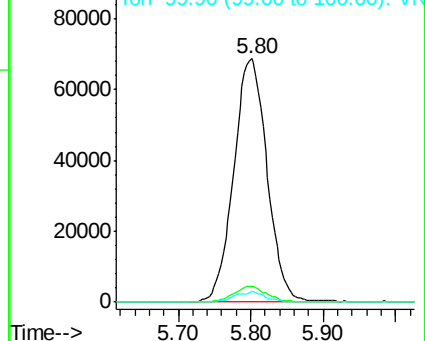
100 4.1 2.0 6.0

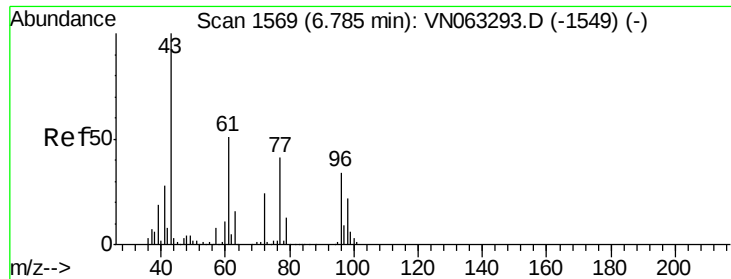


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 118.099 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

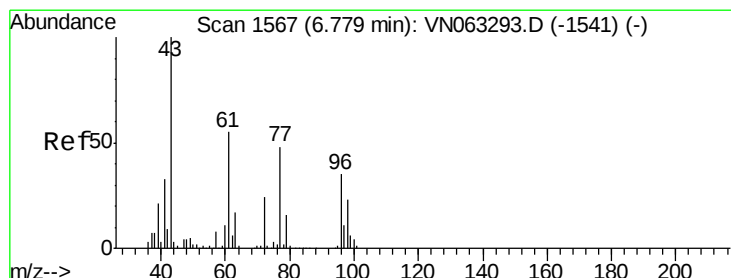
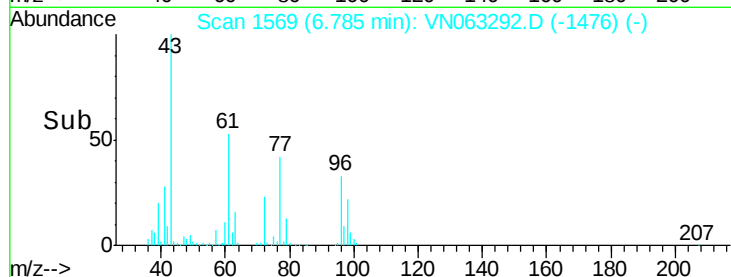
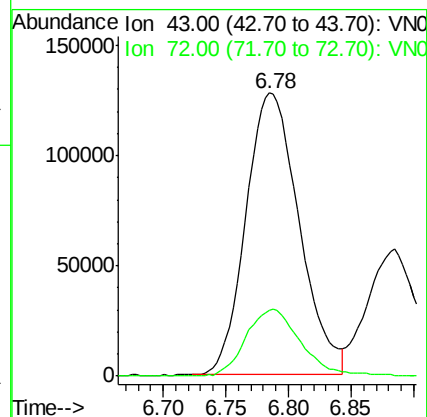
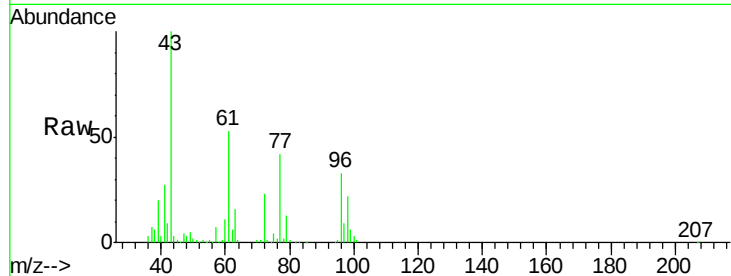
VSTDIC020

Tgt Ion: 43 Resp: 378780

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.2



#26

2,2-Dichloropropane

Concen: 19.617 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063292.D

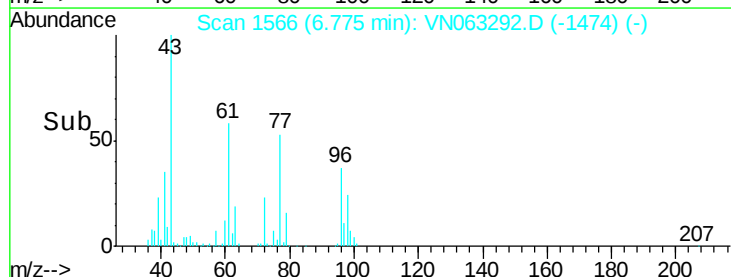
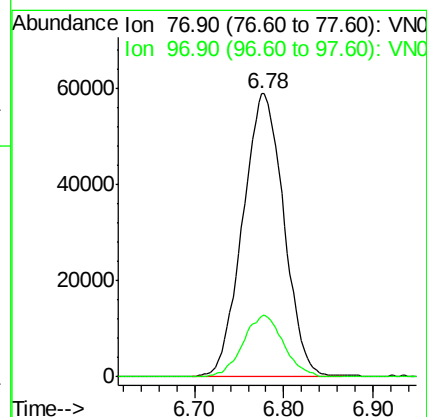
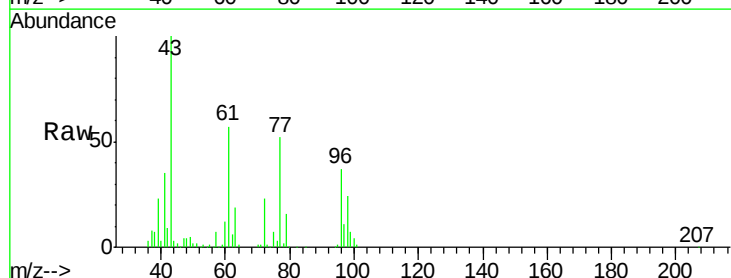
Acq: 10 Sep 2020 13:32

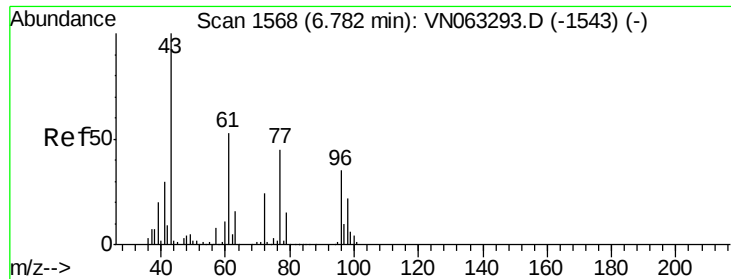
Tgt Ion: 77 Resp: 188782

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.646 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

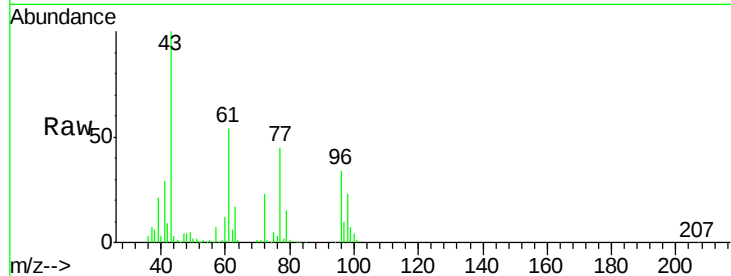
Tgt Ion: 96 Resp: 126842

Ion Ratio Lower Upper

96 100

61 160.2 0.0 322.8

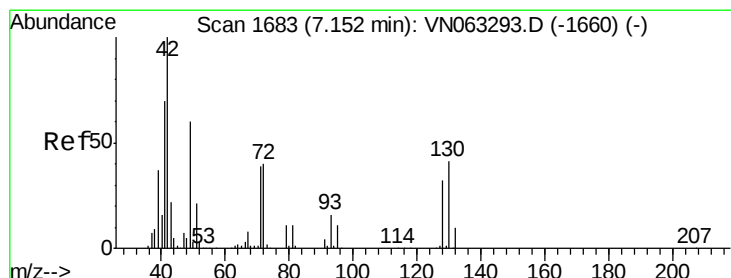
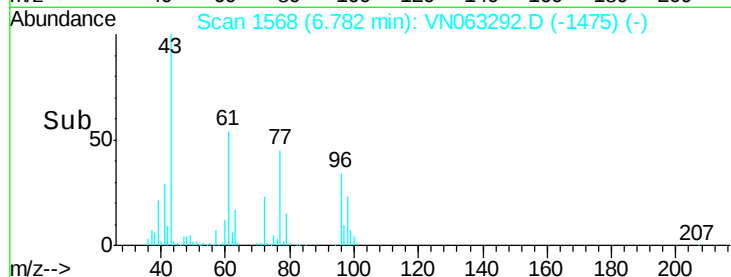
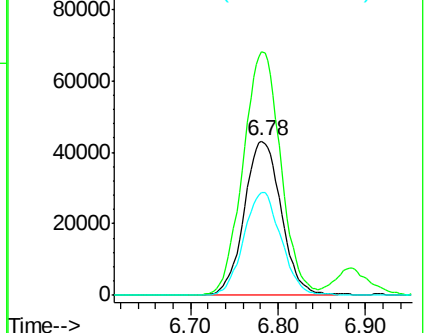
98 67.3 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063292.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN063292.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN063292.D (-1543) (-)



#28

Bromochloromethane

Concen: 18.481 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

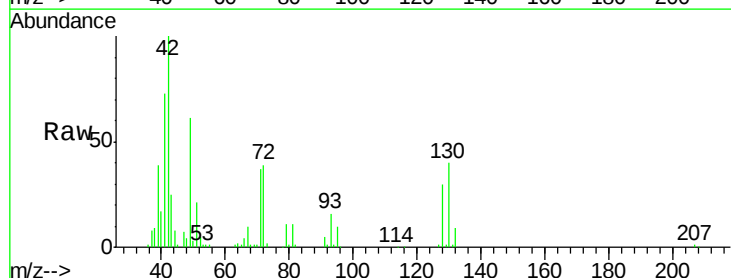
Tgt Ion: 49 Resp: 100319

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.4

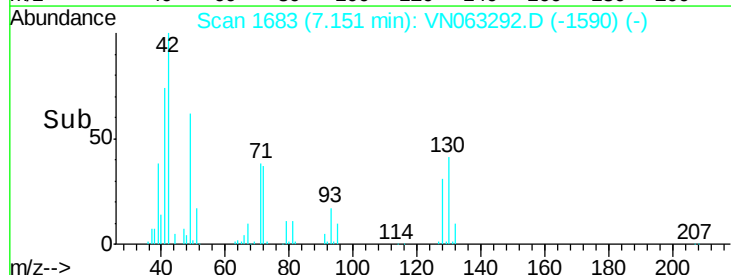
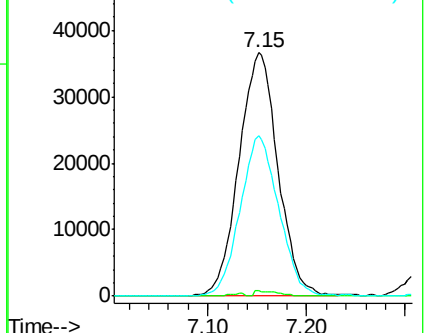
130 65.3 53.1 79.7

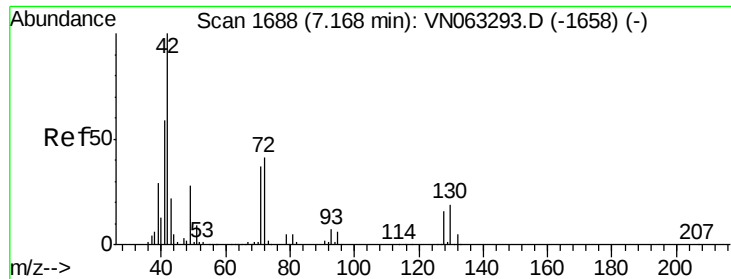


Abundance Ion 48.90 (48.60 to 49.60): VN063292.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063292.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063292.D (-1590) (-)

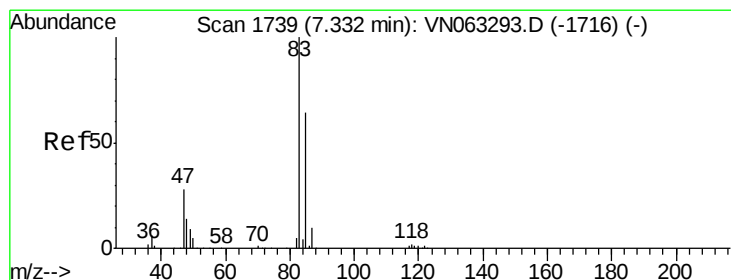
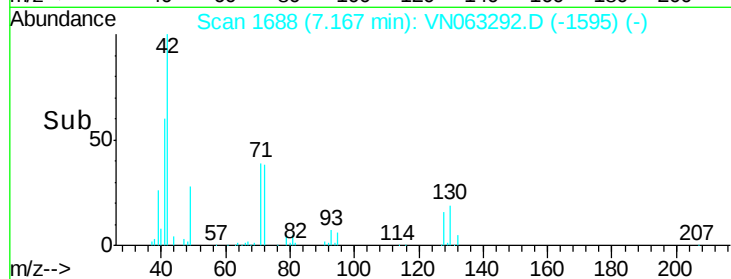
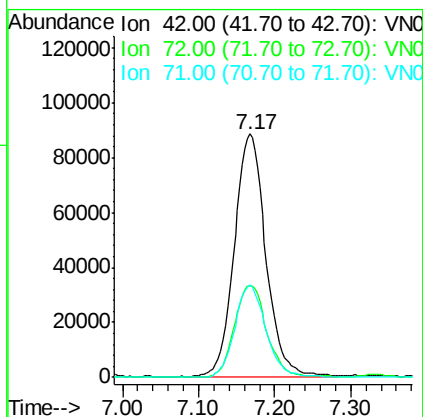
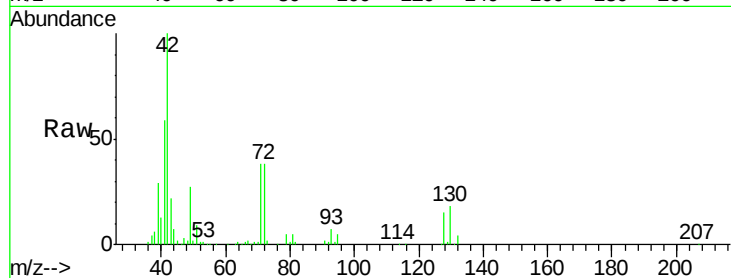




#29
Tetrahydrofuran
Concen: 114.840 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

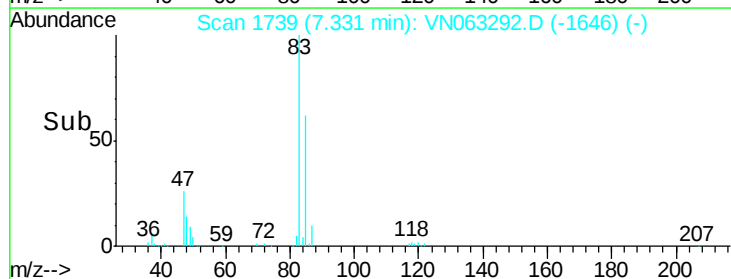
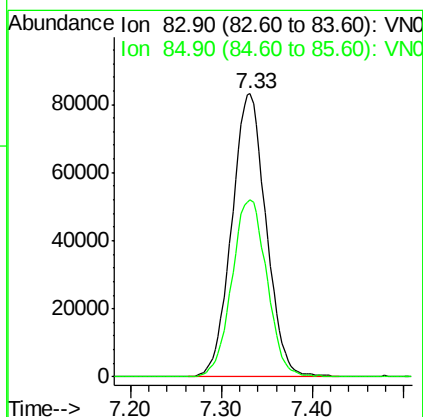
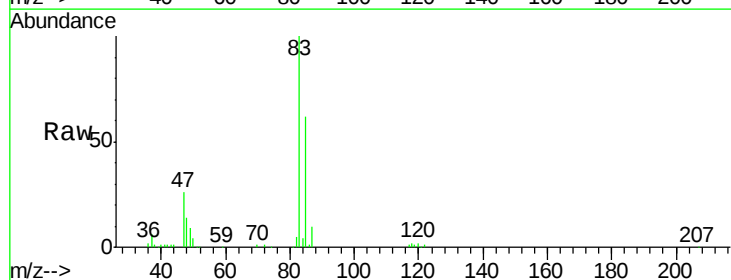
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

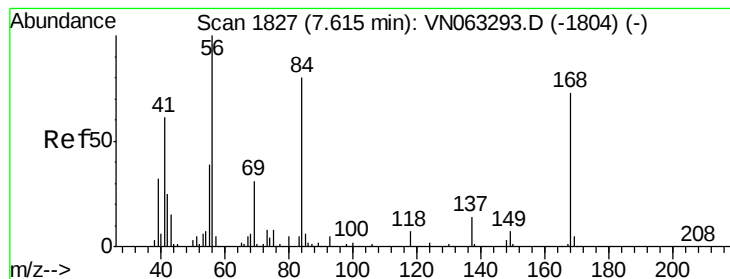
Tgt Ion: 42 Resp: 253604
Ion Ratio Lower Upper
42 100
72 39.0 31.4 47.2
71 37.4 30.0 45.0



#30
Chloroform
Concen: 19.731 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 83 Resp: 218039
Ion Ratio Lower Upper
83 100
85 62.5 51.2 76.8





#31

Cyclohexane

Concen: 20.004 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

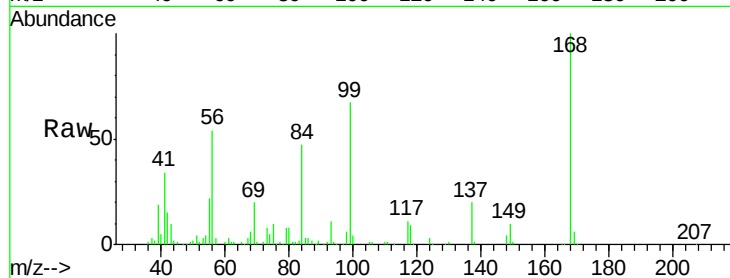
Tgt Ion: 56 Resp: 199339

Ion Ratio Lower Upper

56 100

69 37.3 25.1 37.7

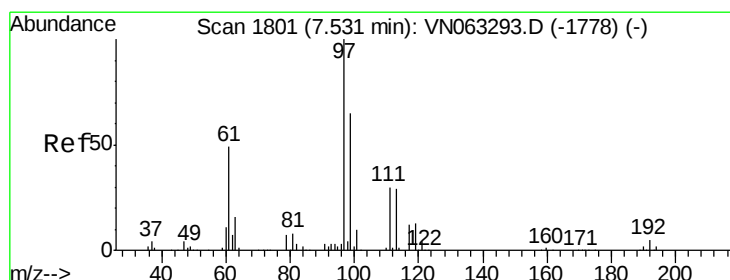
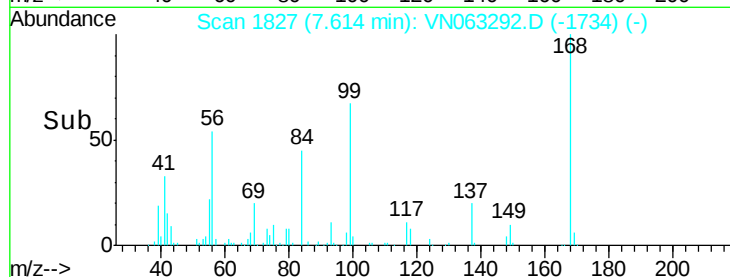
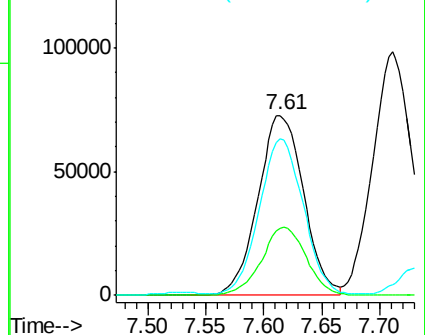
84 85.8 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN063292.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063292.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063292.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 19.653 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

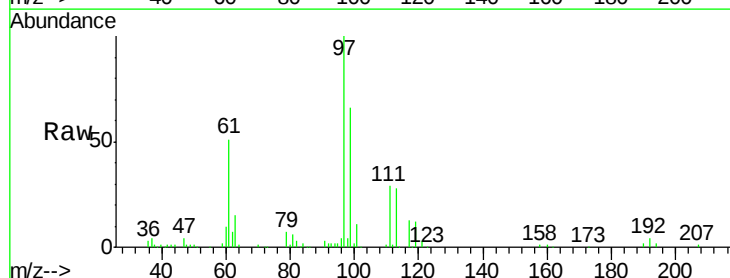
Tgt Ion: 97 Resp: 186574

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

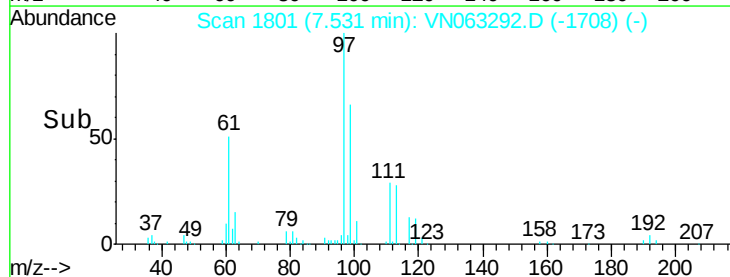
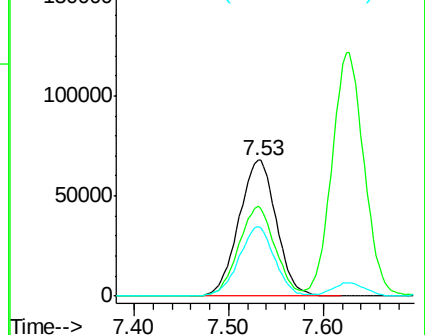
61 48.6 38.9 58.3

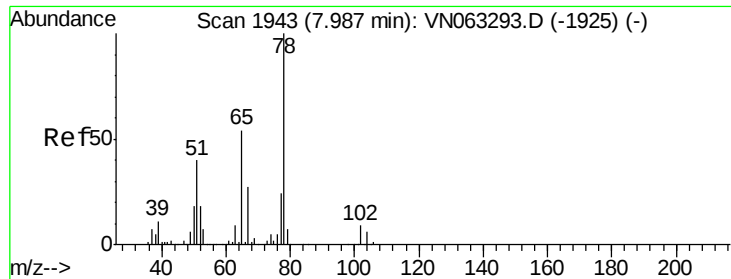


Abundance Ion 96.90 (96.60 to 97.60): VN063292.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063292.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063292.D (-1778) (-)





#33

1,2-Dichloroethane-d4

Concen: 18.985 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

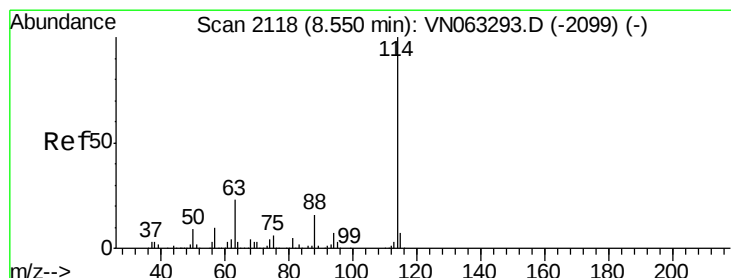
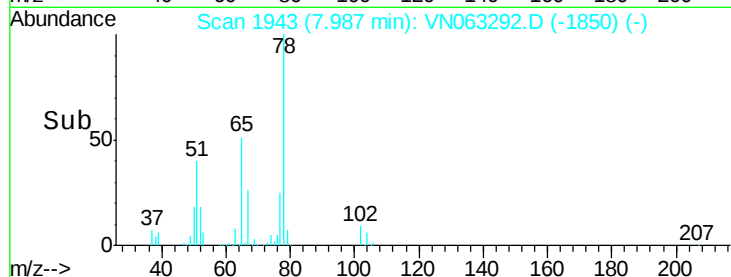
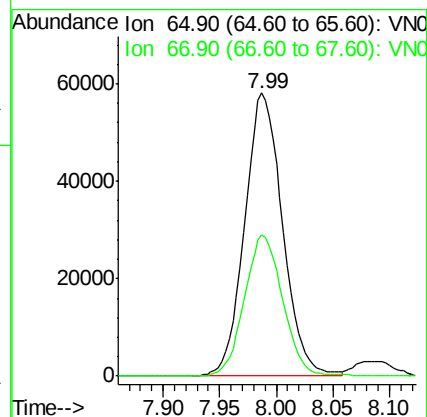
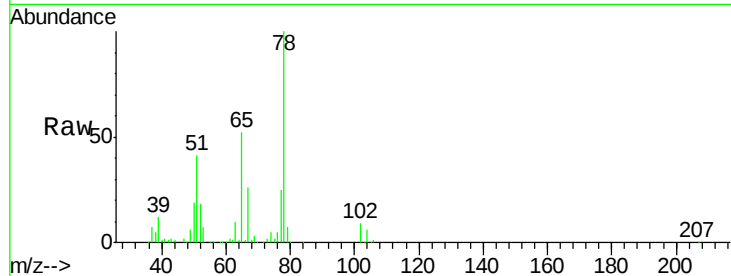
VSTDIC020

Tgt Ion: 65 Resp: 135641

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

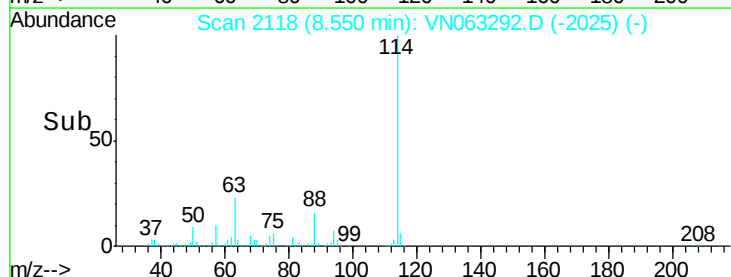
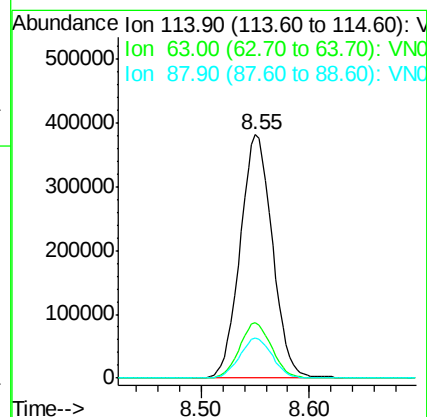
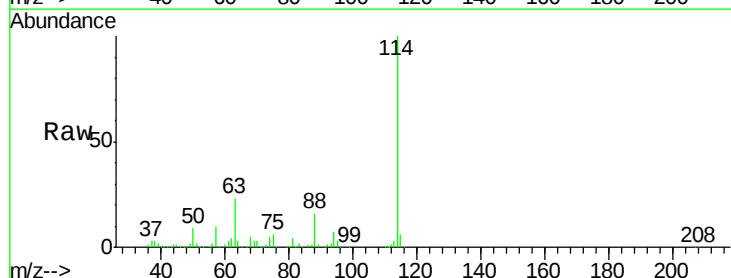
Tgt Ion: 114 Resp: 794347

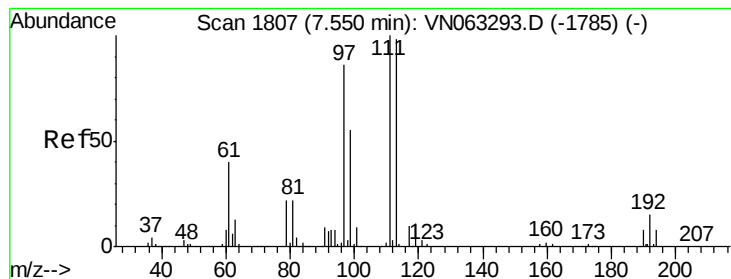
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 18.996 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

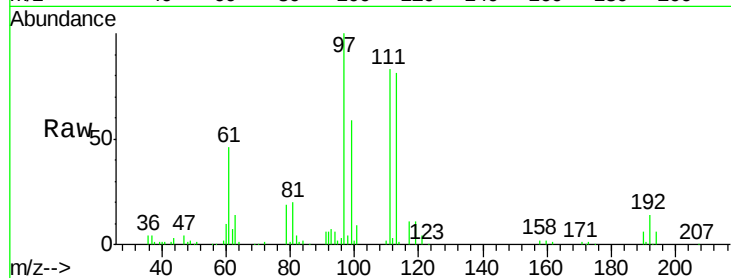
Tgt Ion:113 Resp: 95974

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.2

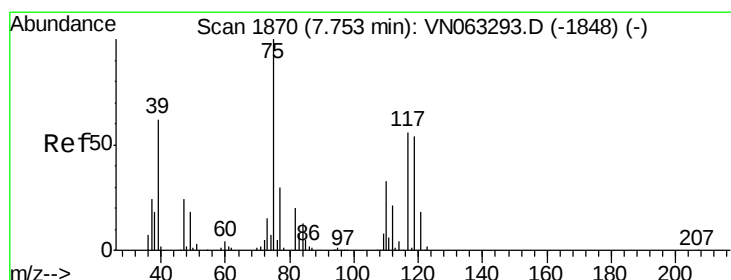
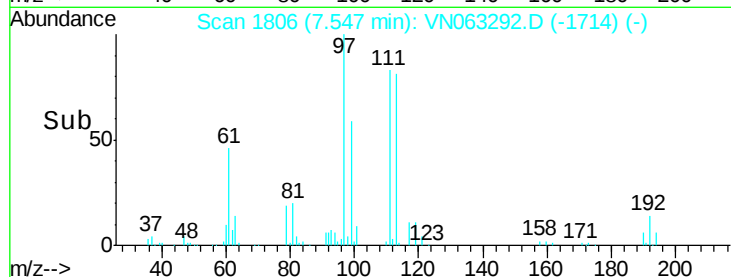
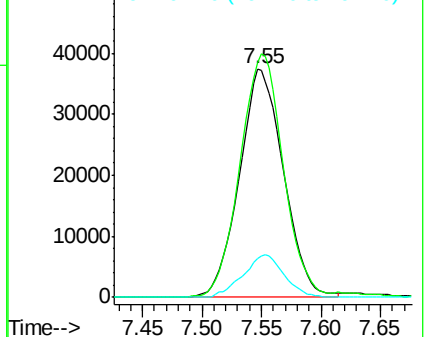
192 17.4 12.9 19.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.226 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

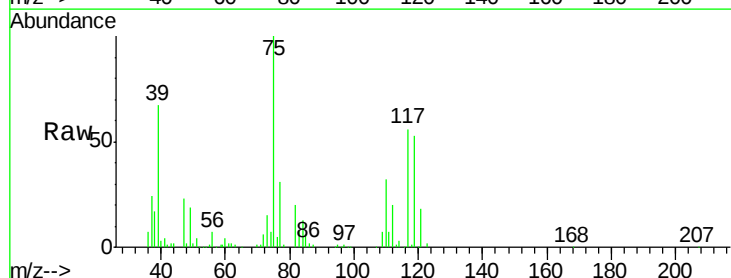
Tgt Ion: 75 Resp: 162202

Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.4

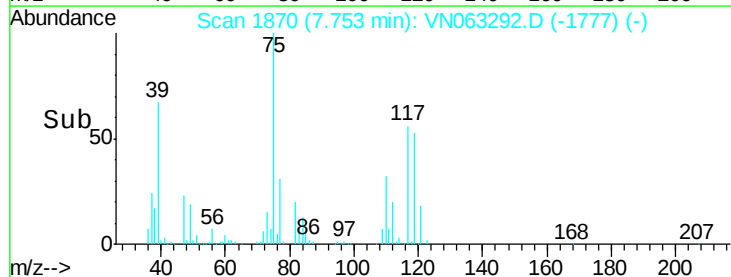
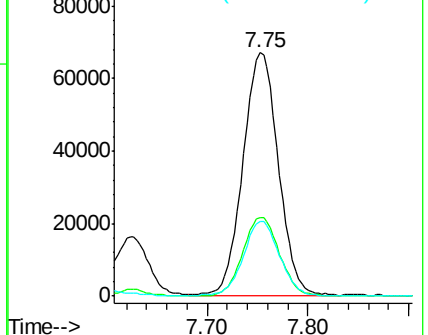
77 31.7 24.8 37.2

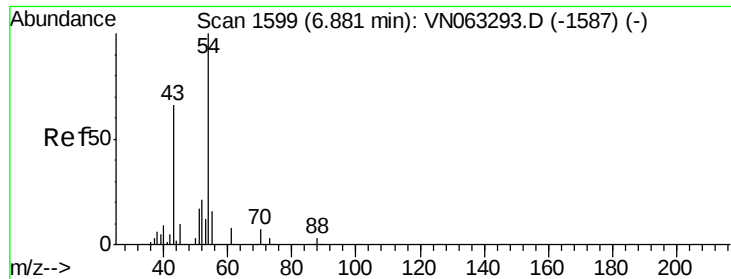


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

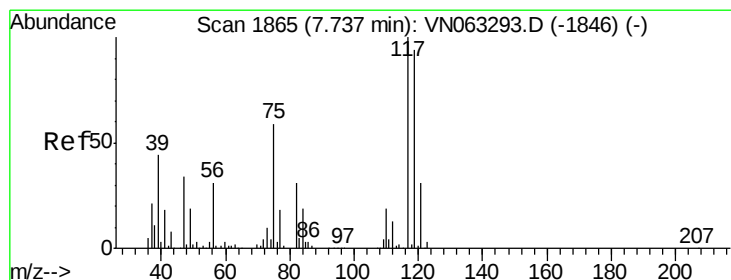
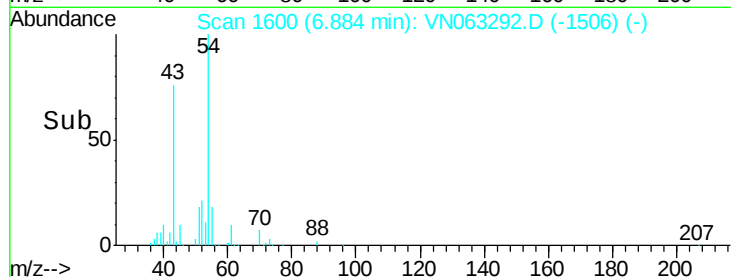
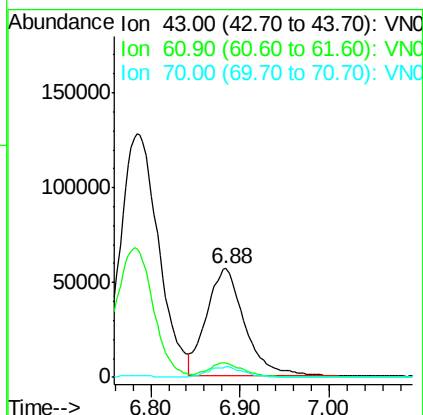
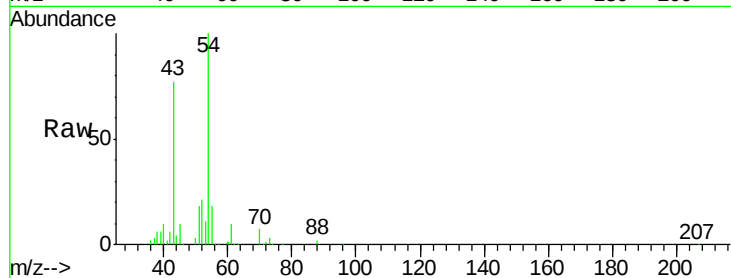




#37
 Ethyl Acetate
 Concen: 25.739 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

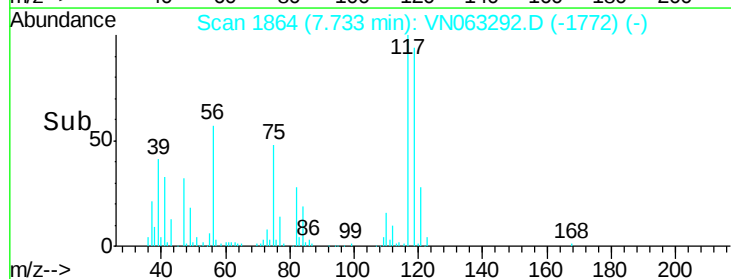
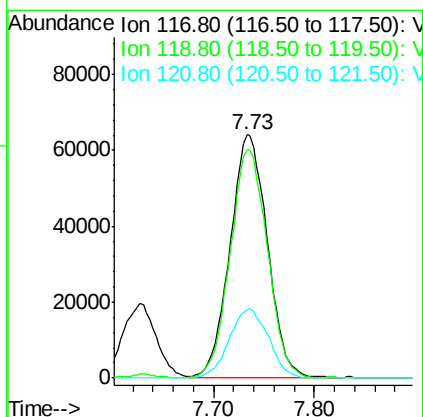
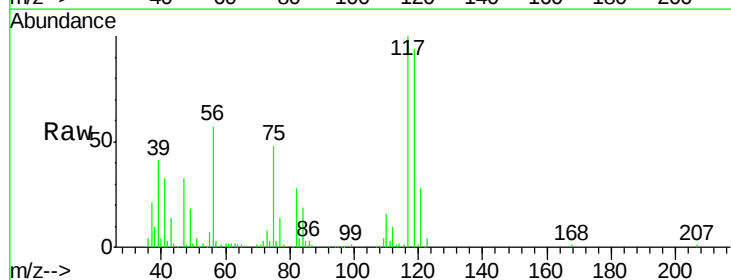
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

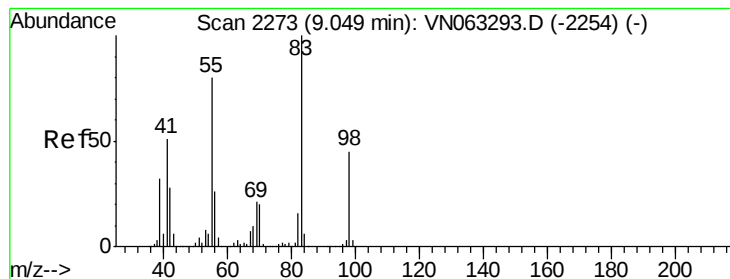
Tgt Ion: 43 Resp: 168461
 Ion Ratio Lower Upper
 43 100
 61 12.0 10.1 15.1
 70 9.1 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 21.172 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 117 Resp: 163561
 Ion Ratio Lower Upper
 117 100
 119 93.6 75.3 112.9
 121 28.1 24.6 37.0





#39

Methylcyclohexane

Concen: 21.049 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

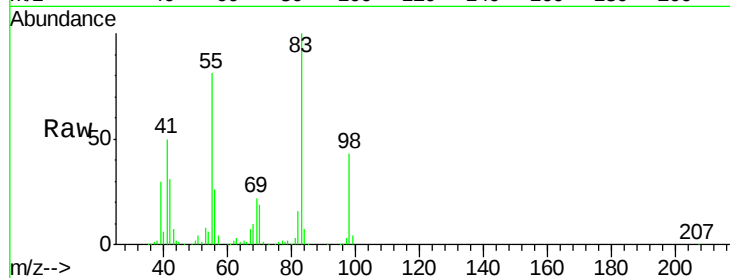
Tgt Ion: 83 Resp: 179762

Ion Ratio Lower Upper

83 100

55 80.3 64.0 96.0

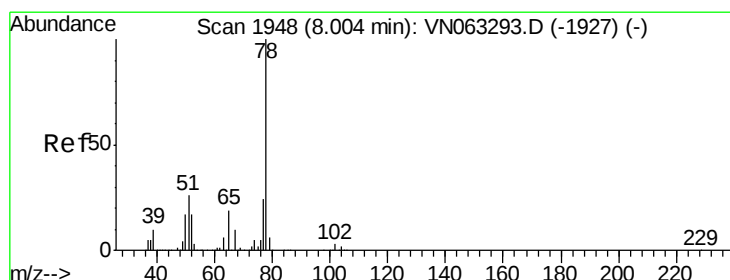
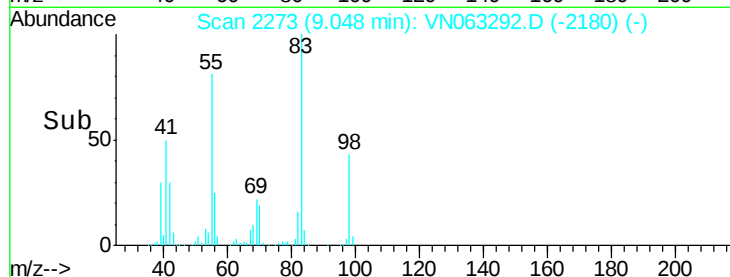
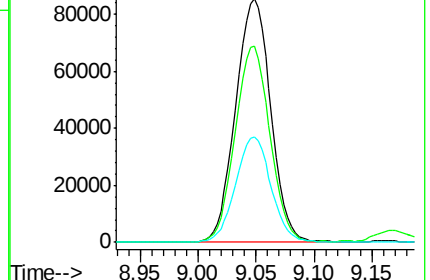
98 43.3 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VN063292.D (-2180) (-)

Ion 55.00 (54.70 to 55.70): VN063292.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN063292.D (-2180) (-)



#40

Benzene

Concen: 21.460 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN063292.D

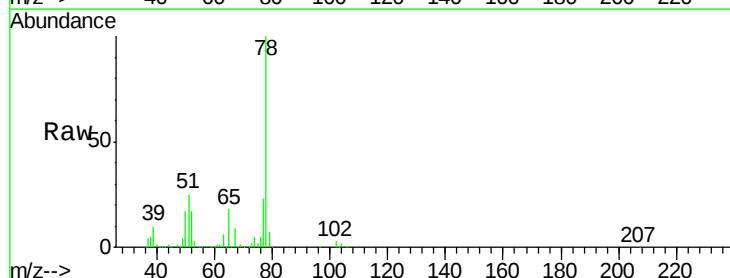
Acq: 10 Sep 2020 13:32

Tgt Ion: 78 Resp: 478604

Ion Ratio Lower Upper

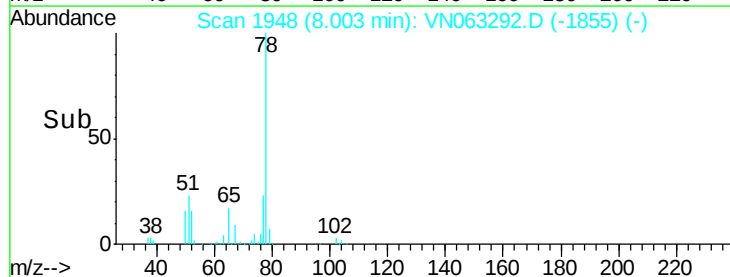
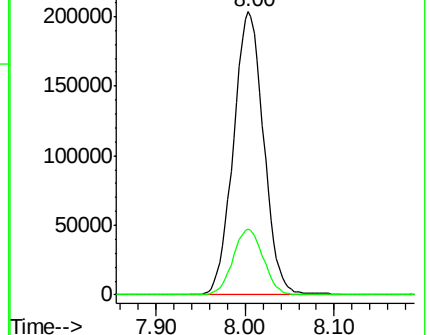
78 100

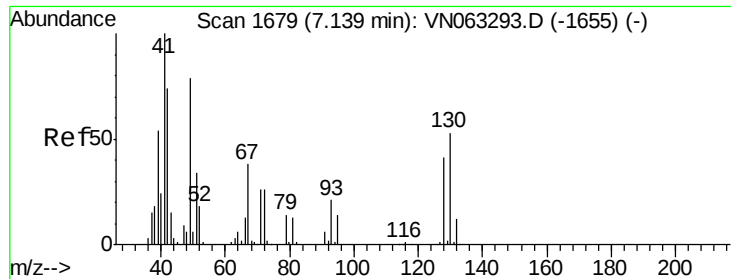
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN063292.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN063292.D (-1855) (-)

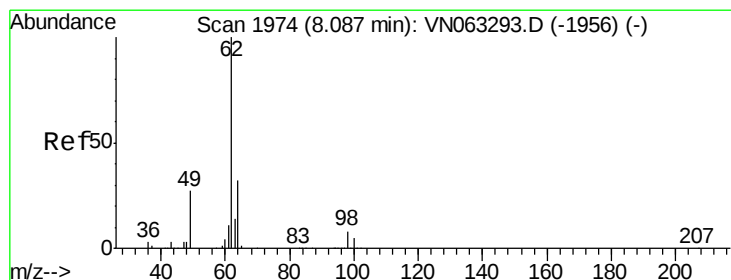
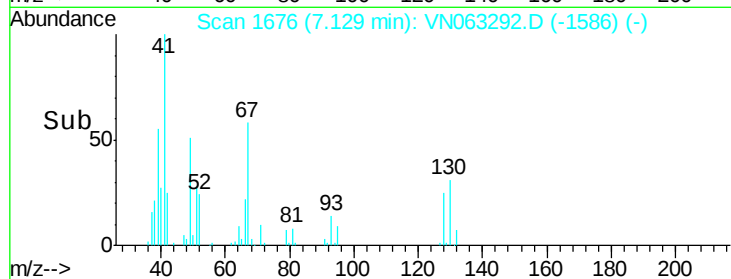
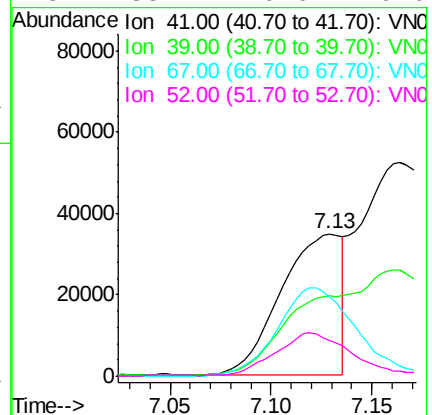
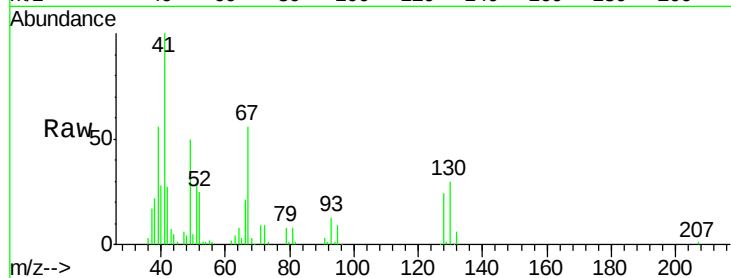




#41
Methacrylonitrile
Concen: 22.019 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

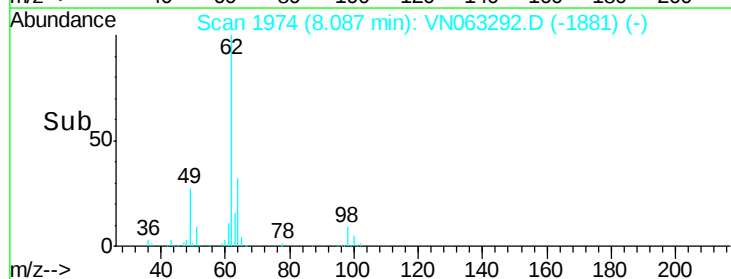
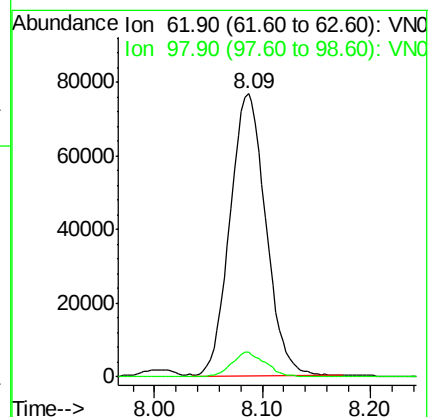
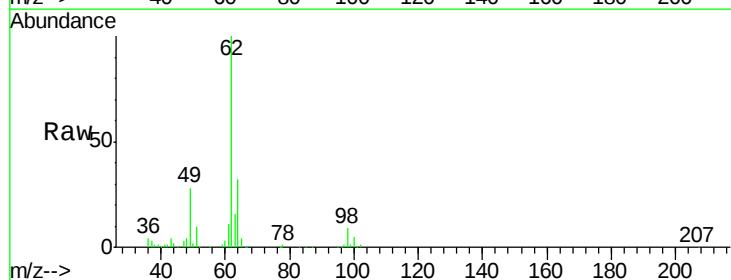
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

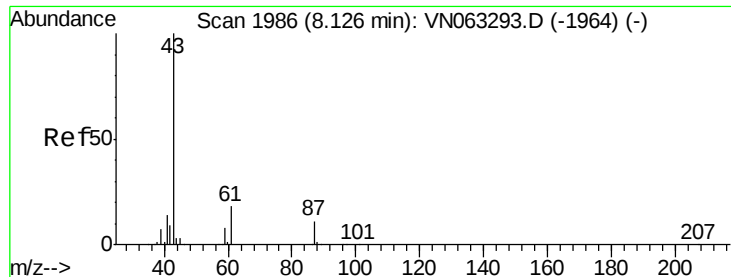
Tgt Ion:	41	Resp:	72681
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	81.5	0.0	0.0#
52	38.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.264 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion:	62	Resp:	177928
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.4





#43

Isopropyl Acetate

Concen: 22.902 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

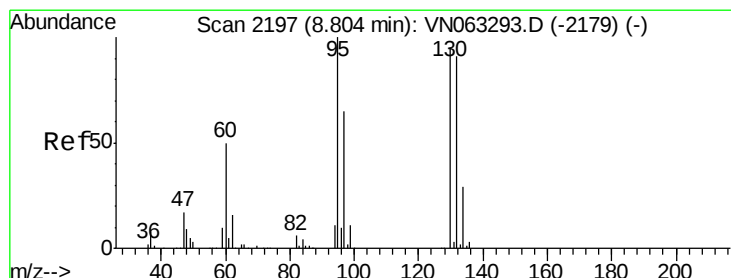
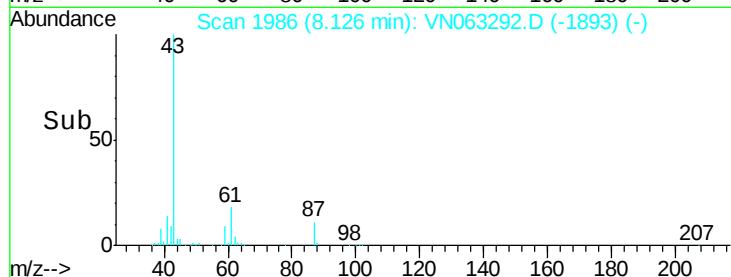
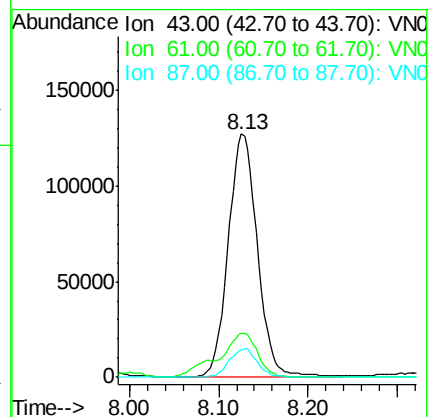
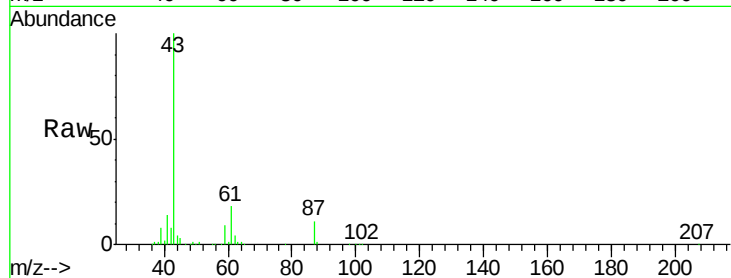
Tgt Ion: 43 Resp: 285064

Ion Ratio Lower Upper

43 100

61 18.2 15.1 22.7

87 11.5 9.2 13.8



#44

Trichloroethene

Concen: 22.060 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063292.D

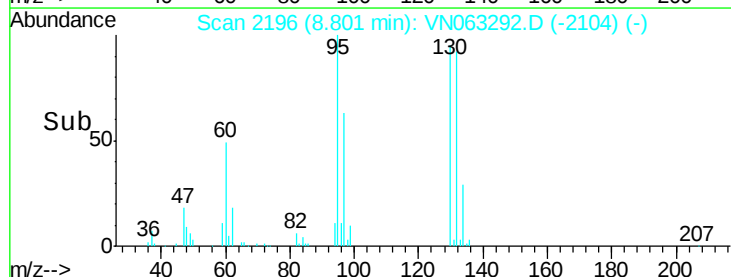
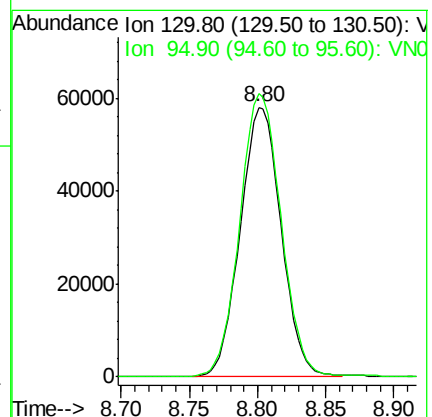
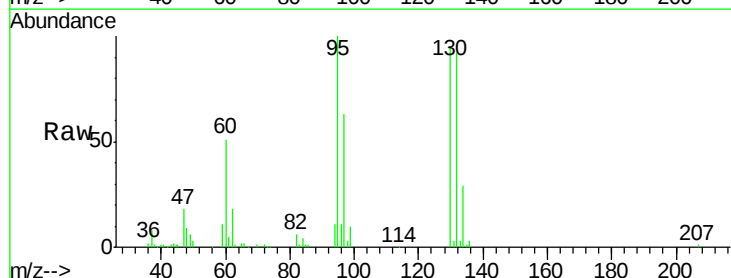
Acq: 10 Sep 2020 13:32

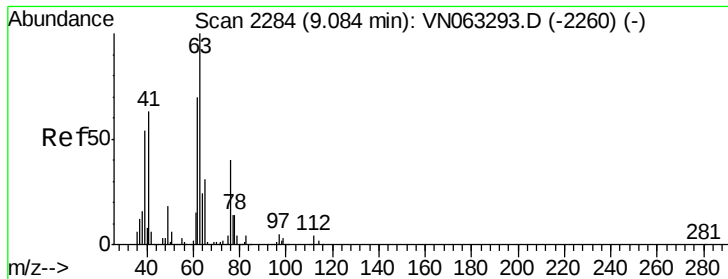
Tgt Ion: 130 Resp: 121120

Ion Ratio Lower Upper

130 100

95 105.0 0.0 210.8

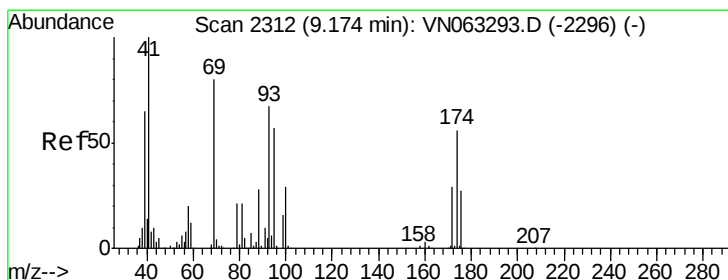
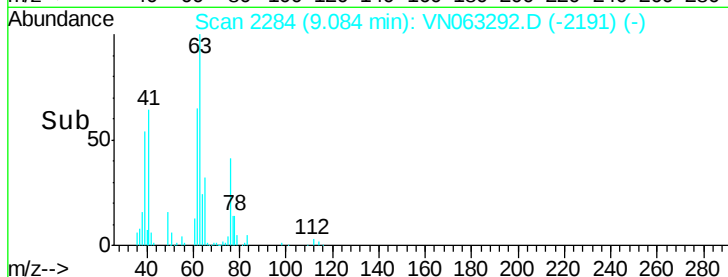
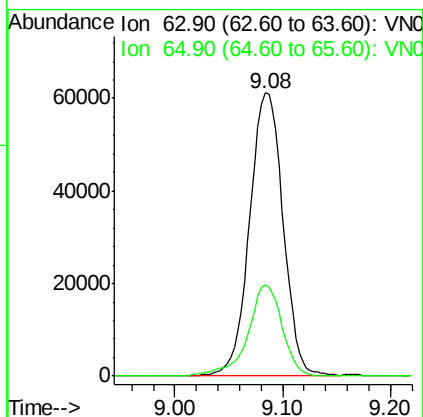
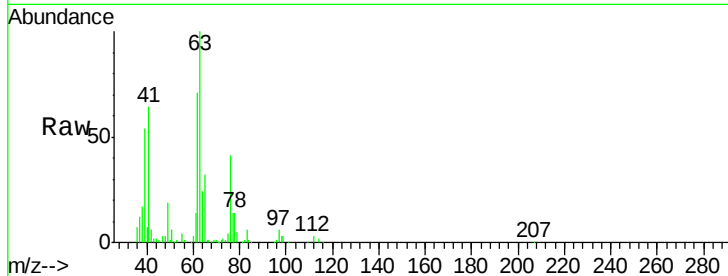




#45
 1,2-Dichloropropane
 Concen: 22.234 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

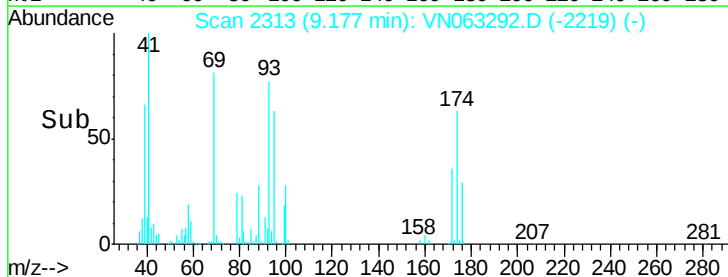
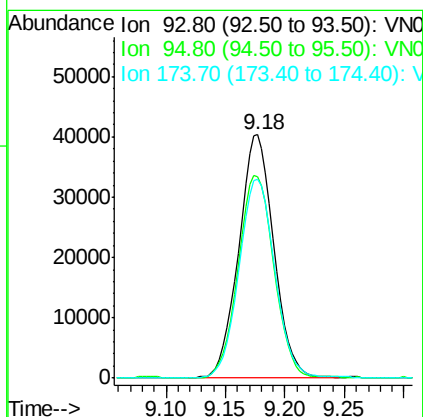
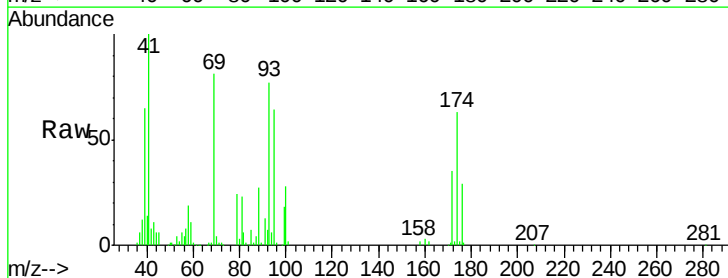
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

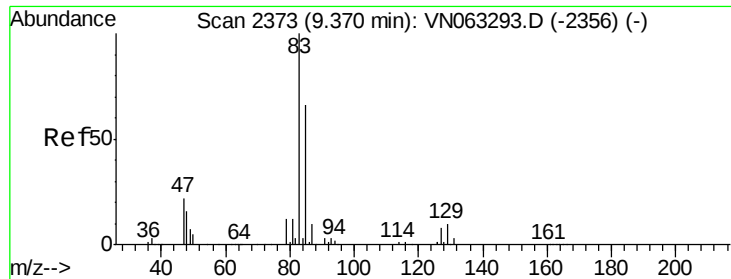
Tgt Ion: 63 Resp: 132425
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 36.8



#46
 Dibromomethane
 Concen: 21.151 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 93 Resp: 82499
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.9 101.9
 174 83.6 66.9 100.3





#47

Bromodichloromethane

Concen: 20.698 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

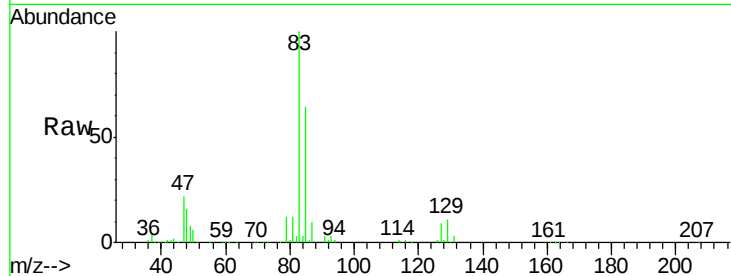
Tgt Ion: 83 Resp: 172801

Ion Ratio Lower Upper

83 100

85 64.3 52.5 78.7

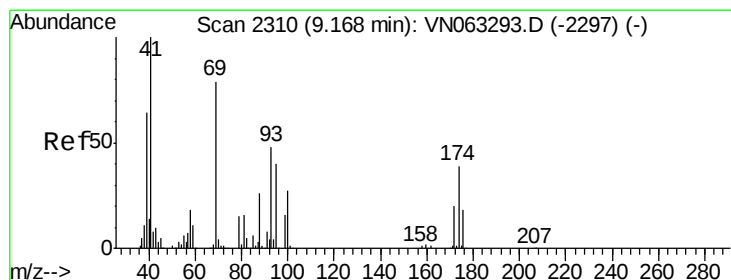
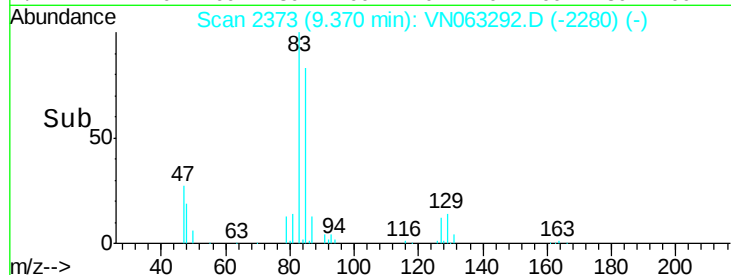
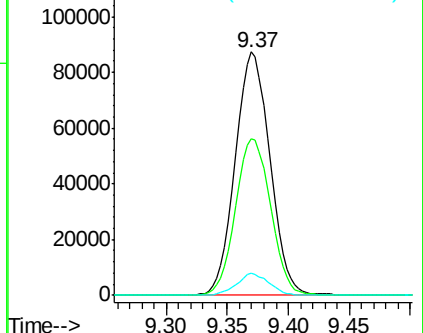
127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063292.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063292.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063292.D (-2280) (-)



#48

Methyl methacrylate

Concen: 23.621 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

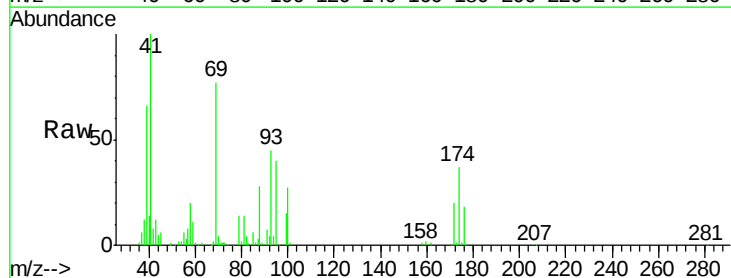
Tgt Ion: 41 Resp: 133131

Ion Ratio Lower Upper

41 100

69 79.6 63.6 95.4

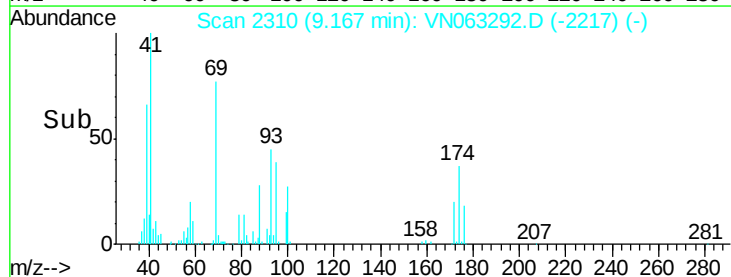
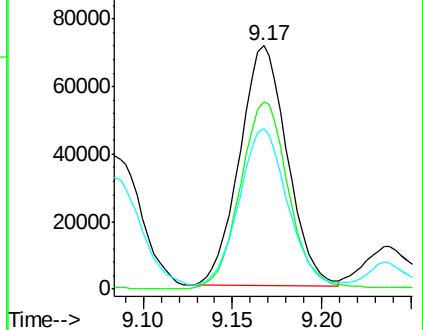
39 68.3 53.2 79.8

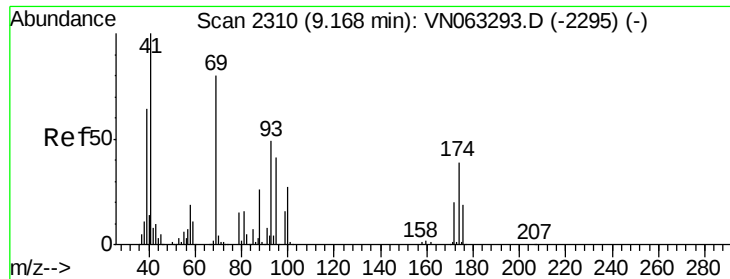


Abundance Ion 41.00 (40.70 to 41.70): VN063292.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063292.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063292.D (-2217) (-)

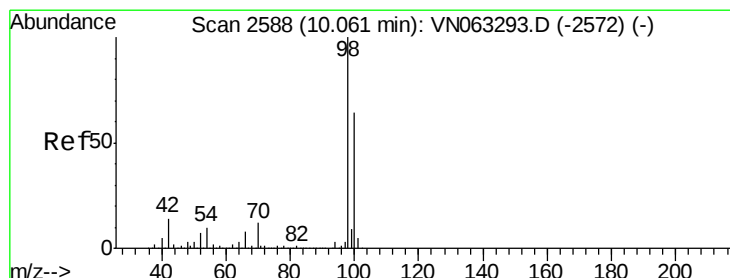
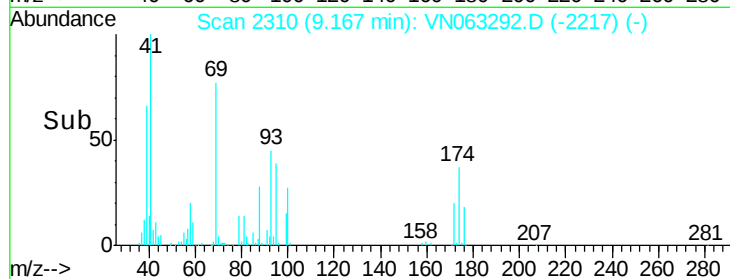
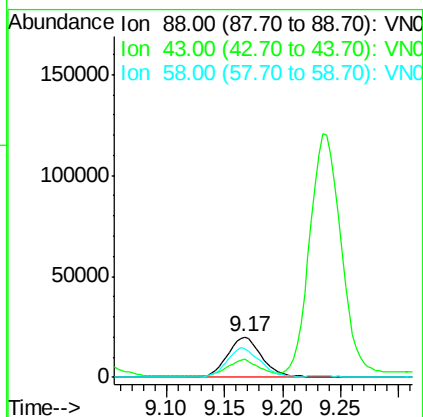
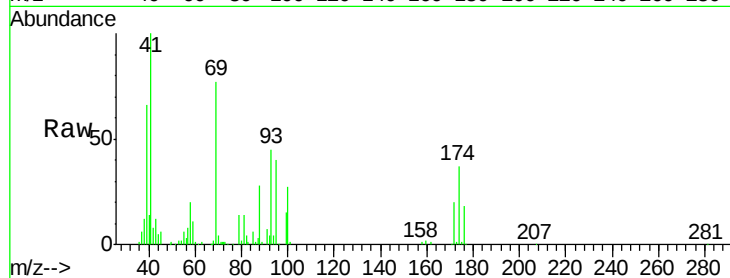




#49
 1,4-Dioxane
 Concen: 472.995 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

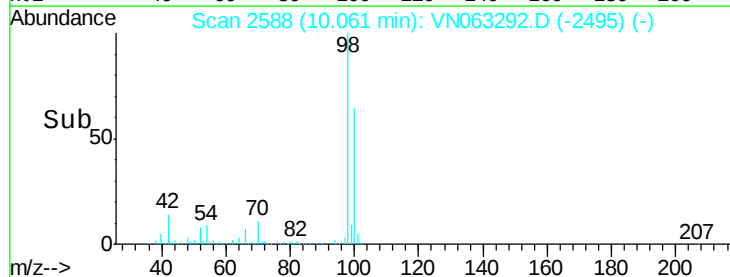
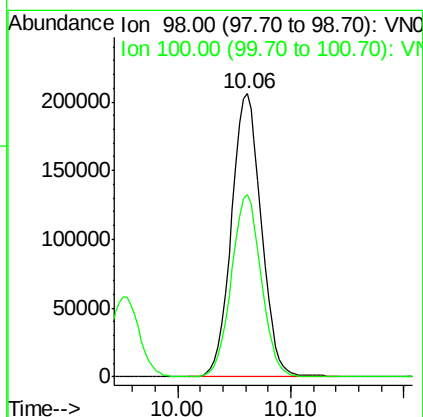
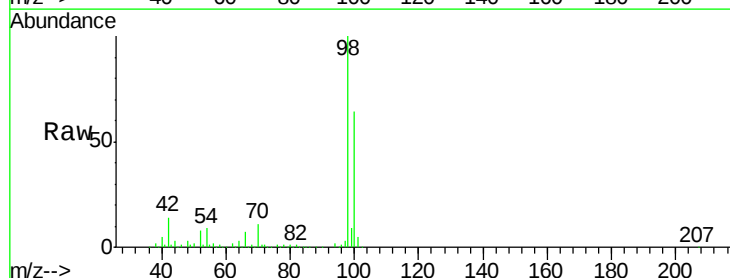
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

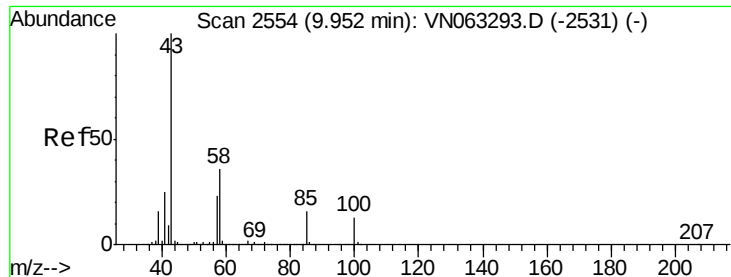
Tgt Ion: 88 Resp: 41013
 Ion Ratio Lower Upper
 88 100
 43 37.2 30.5 45.7
 58 71.2 58.9 88.3



#50
 Toluene-d8
 Concen: 19.404 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 98 Resp: 377528
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 121.317 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

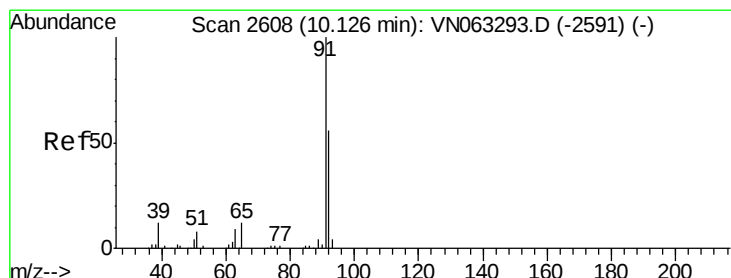
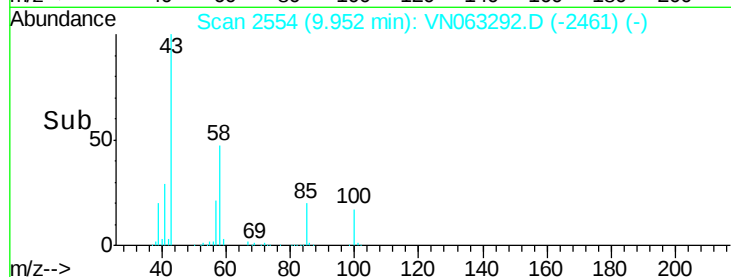
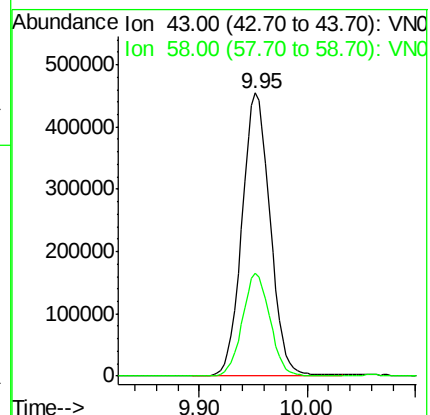
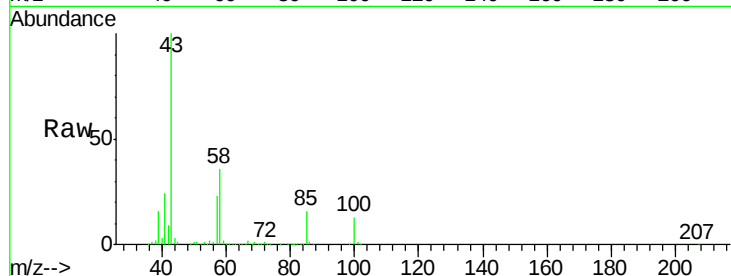
VSTDIC020

Tgt Ion: 43 Resp: 821394

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4



#52

Toluene

Concen: 20.873 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063292.D

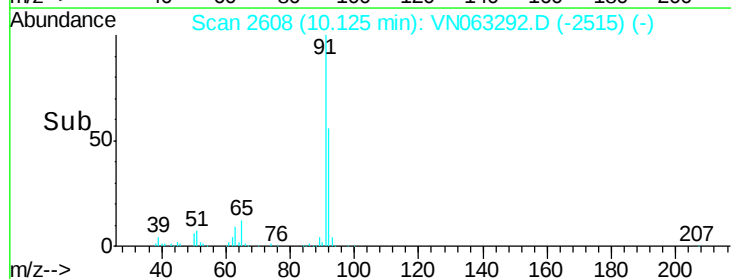
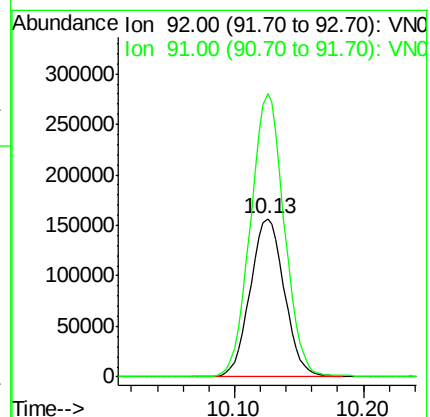
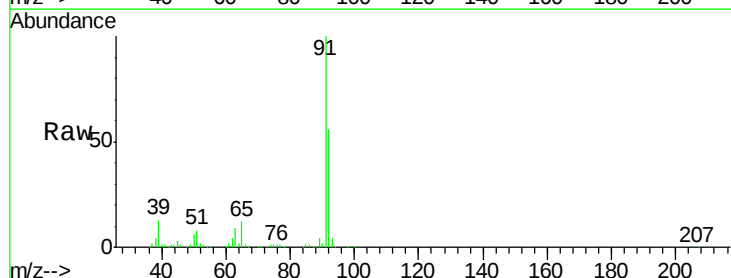
Acq: 10 Sep 2020 13:32

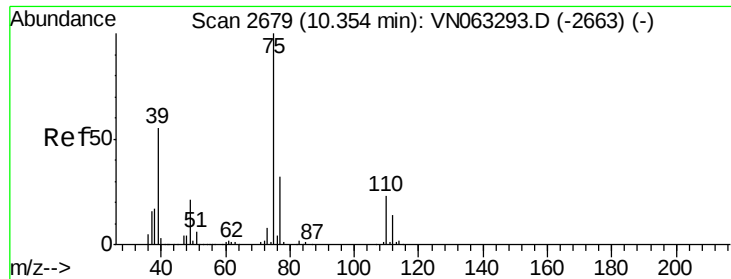
Tgt Ion: 92 Resp: 288847

Ion Ratio Lower Upper

92 100

91 178.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 20.953 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

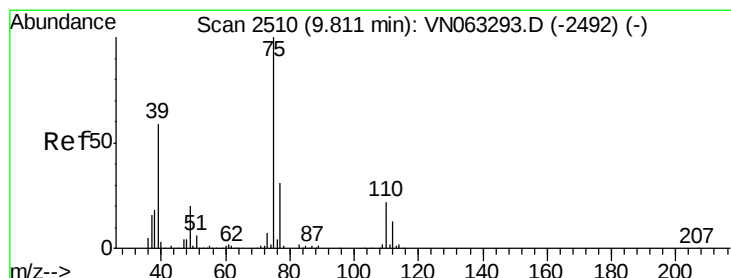
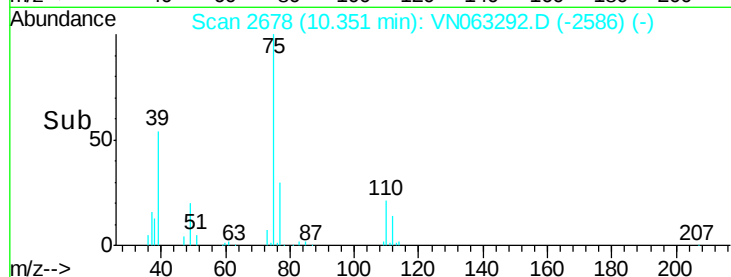
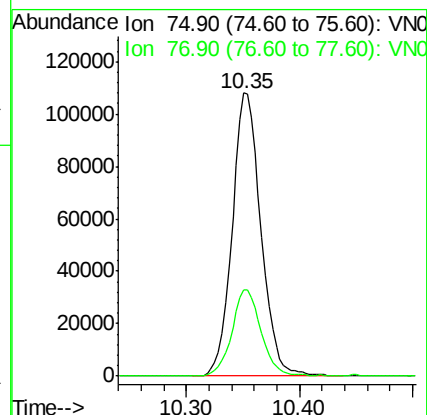
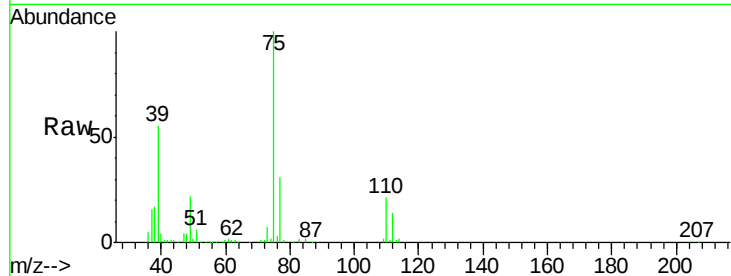
VSTDIC020

Tgt Ion: 75 Resp: 190555

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 21.426 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

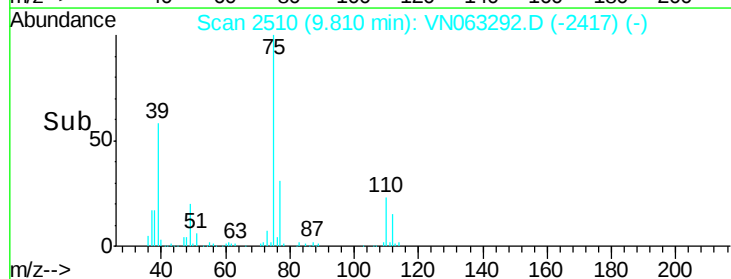
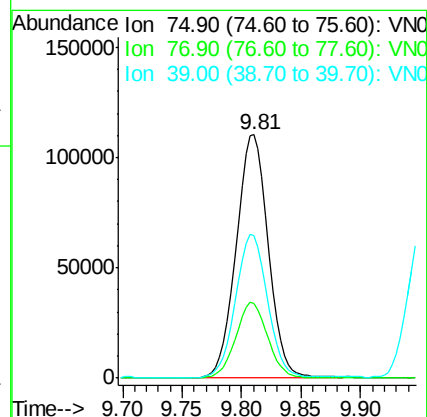
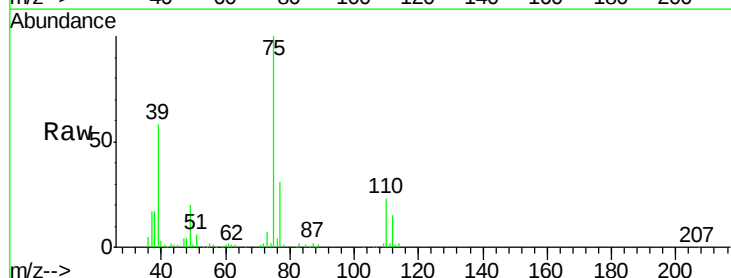
Tgt Ion: 75 Resp: 206731

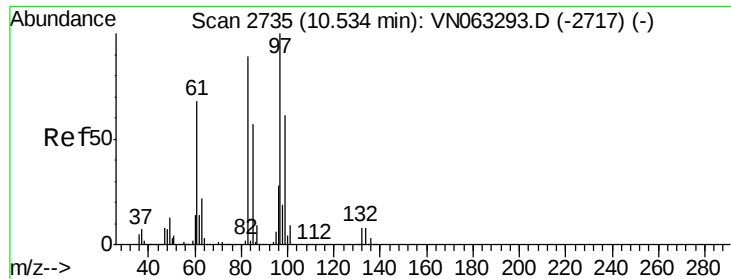
Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

39 58.3 47.2 70.8

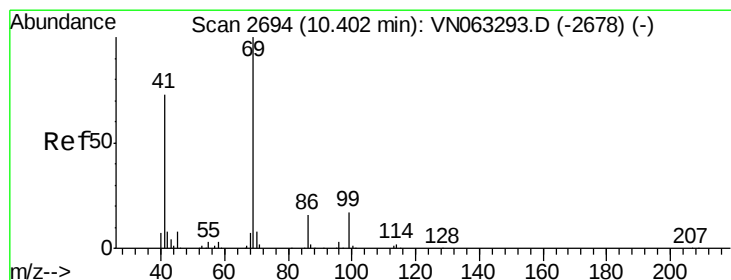
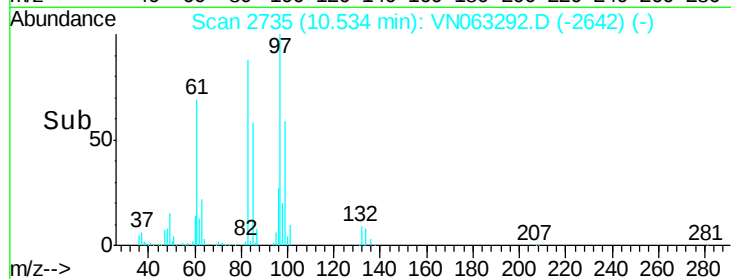
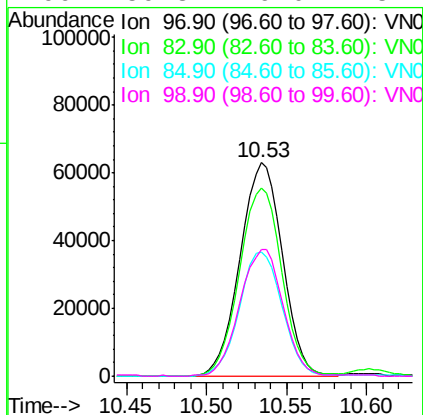
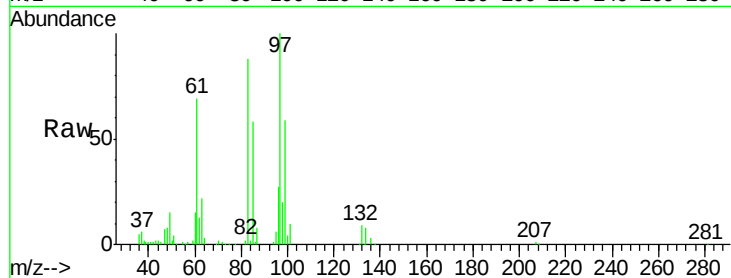




#55
 1,1,2-Trichloroethane
 Concen: 21.508 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

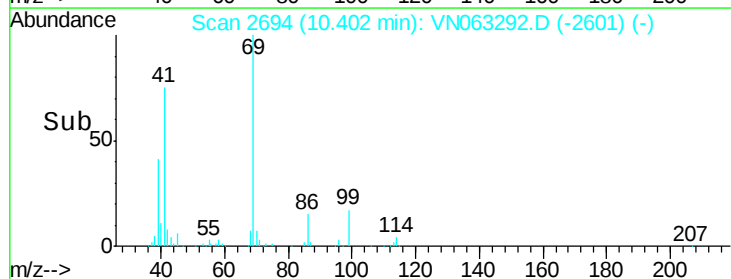
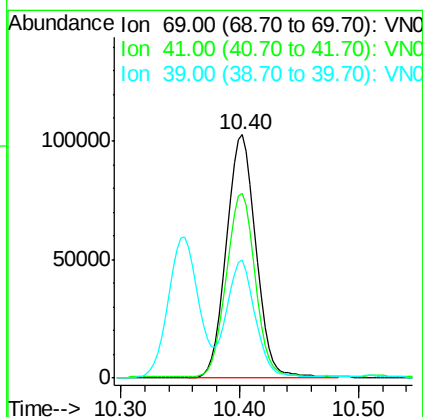
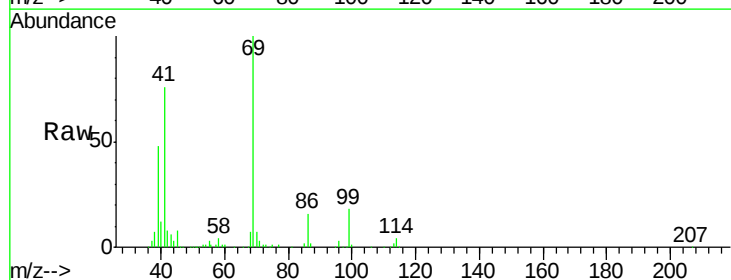
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

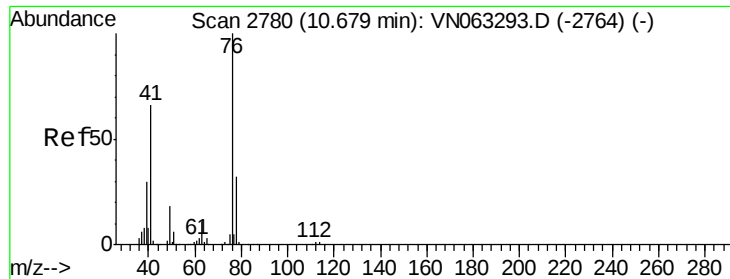
Tgt Ion:	97	Resp:	114276
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.8	106.2
85	58.4	45.6	68.4
99	59.3	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 21.970 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion:	69	Resp:	177997
Ion	Ratio	Lower	Upper
69	100		
41	73.1	58.4	87.6
39	45.1	38.6	58.0

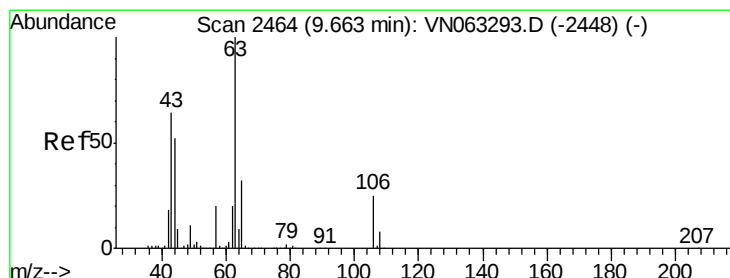
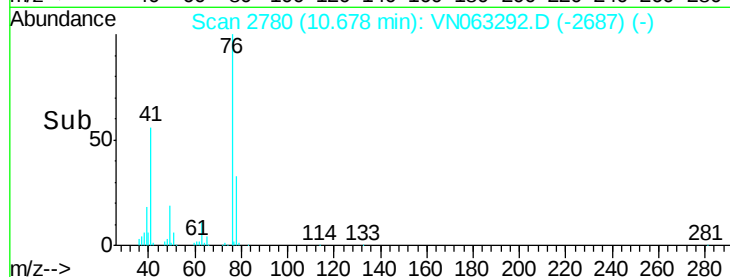
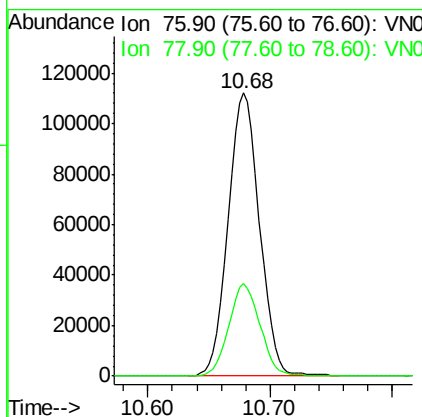
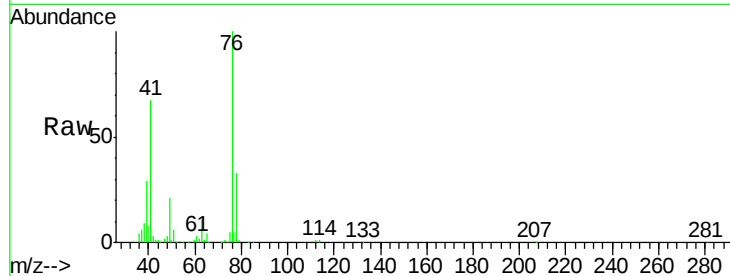




#57
 1,3-Dichloropropane
 Concen: 21.316 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

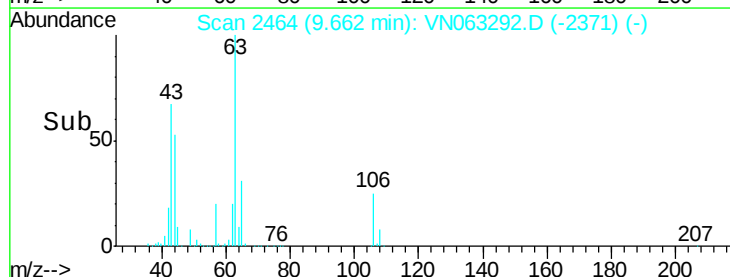
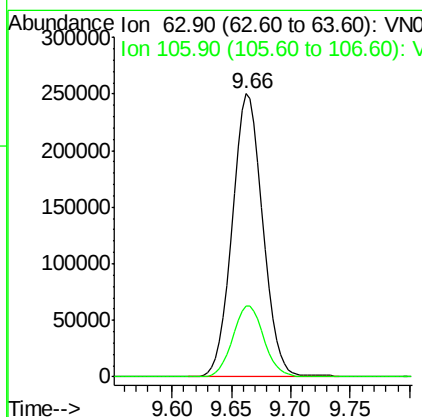
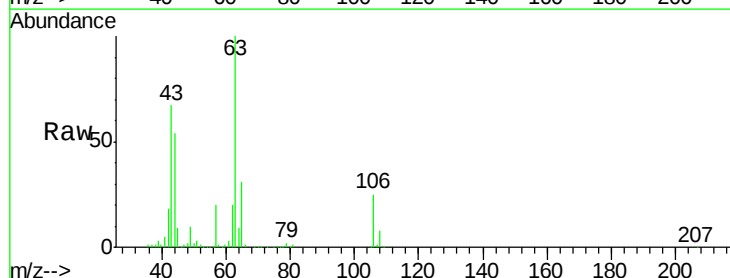
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

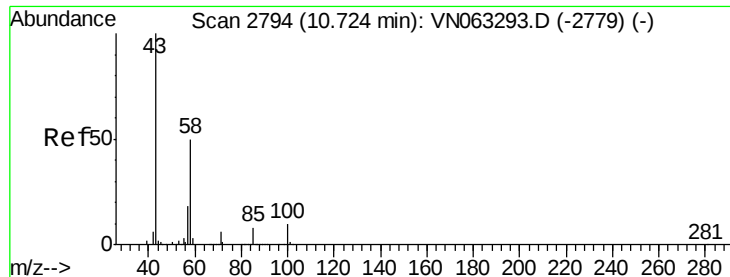
Tgt Ion: 76 Resp: 201114
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.017 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 63 Resp: 445942
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.2 30.4

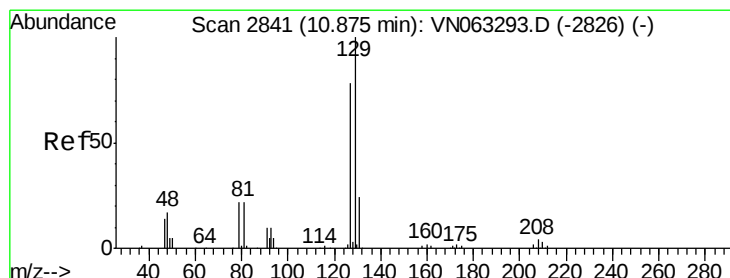
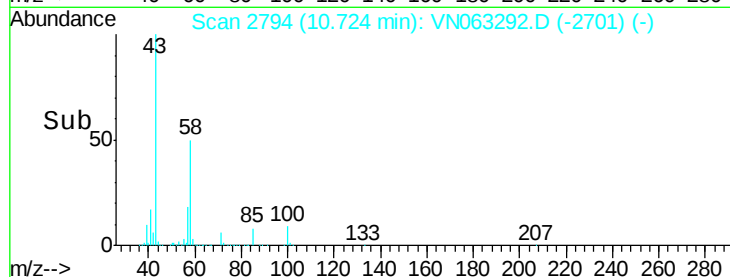
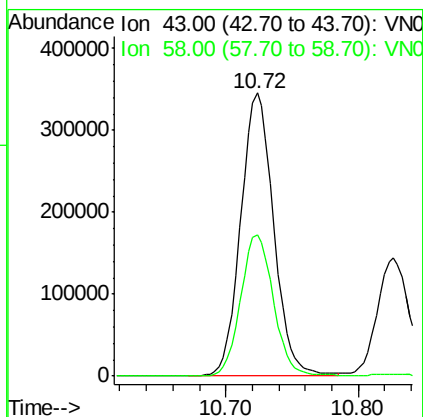
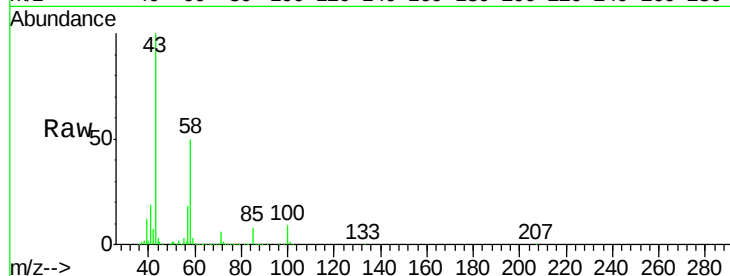




#59
2-Hexanone
Concen: 124.243 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

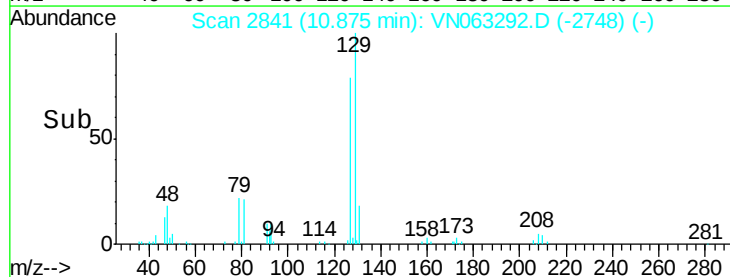
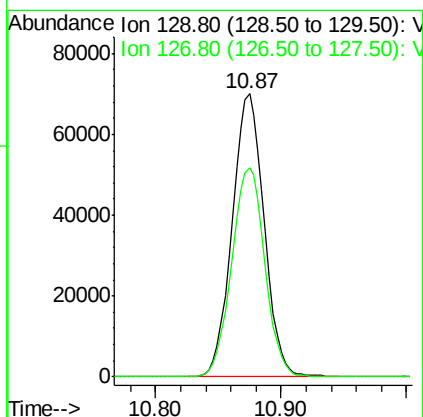
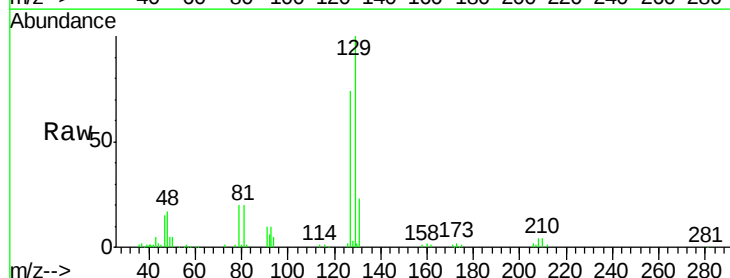
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

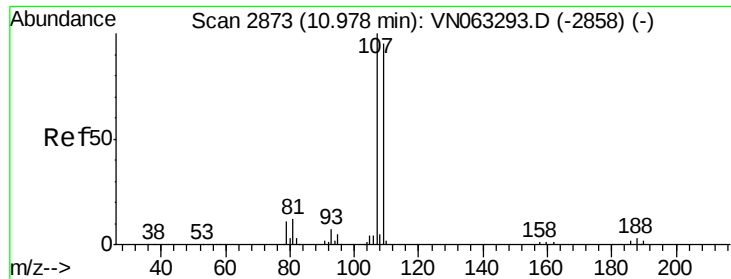
Tgt Ion: 43 Resp: 593474
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.048 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 129 Resp: 123586
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

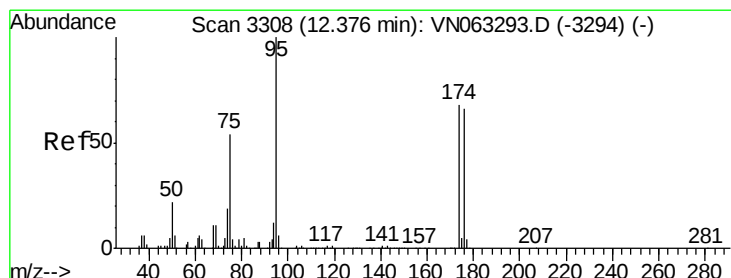
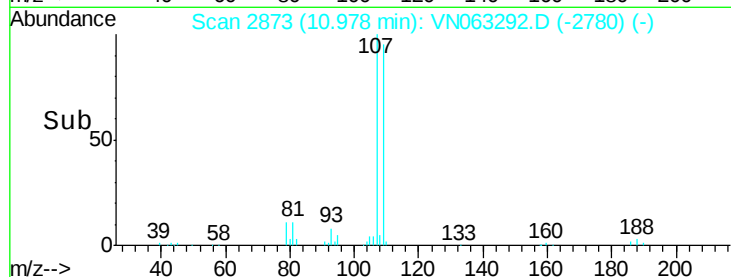
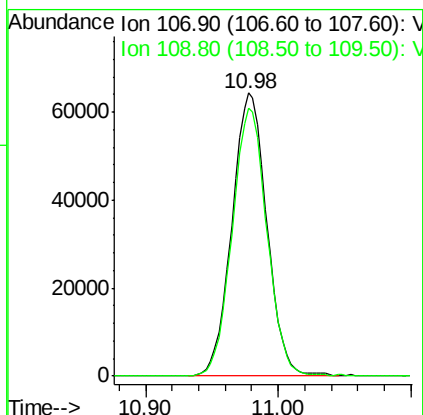
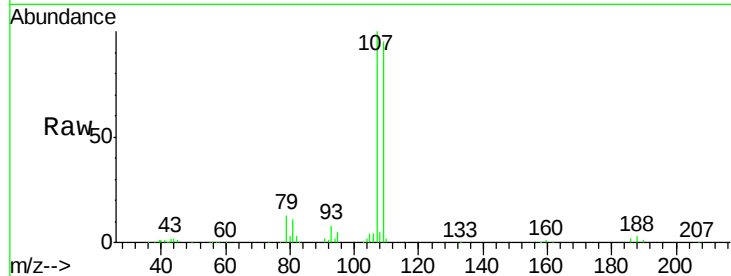




#61
 1,2-Dibromoethane
 Concen: 21.336 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

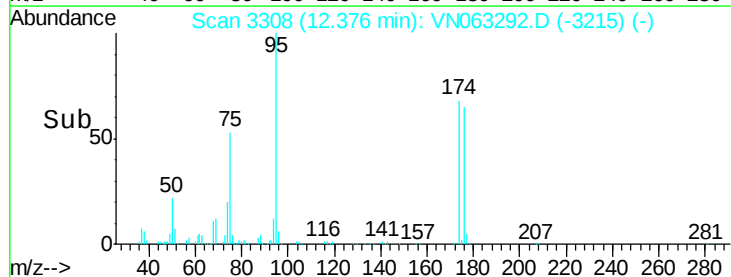
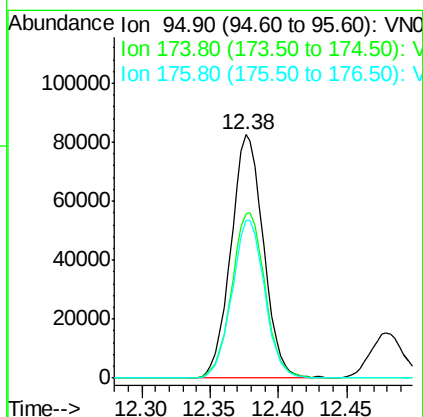
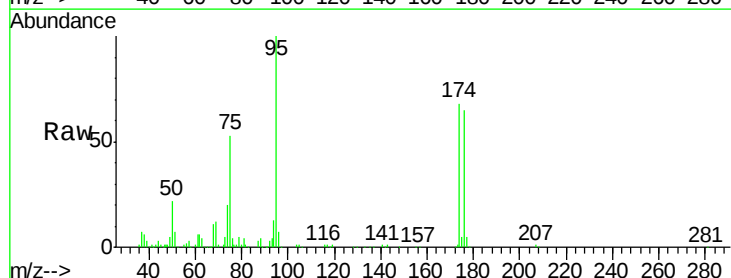
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

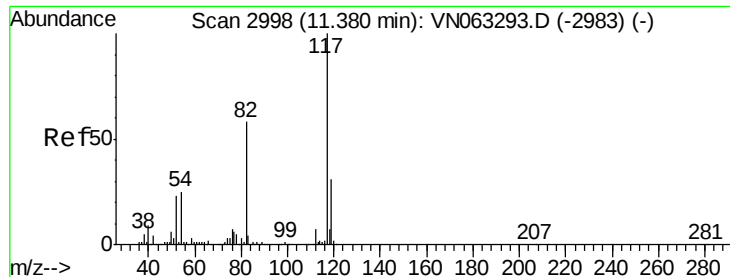
Tgt Ion: 107 Resp: 117305
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 19.917 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 95 Resp: 136517
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 136.6
 176 65.0 0.0 132.8

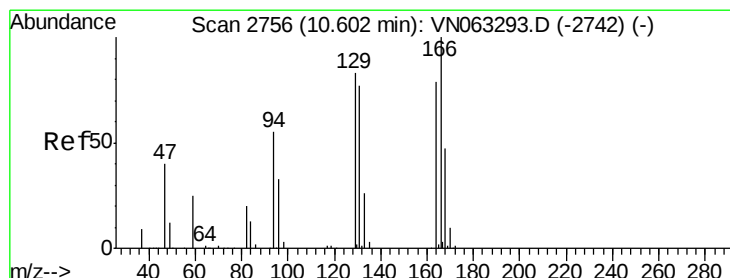
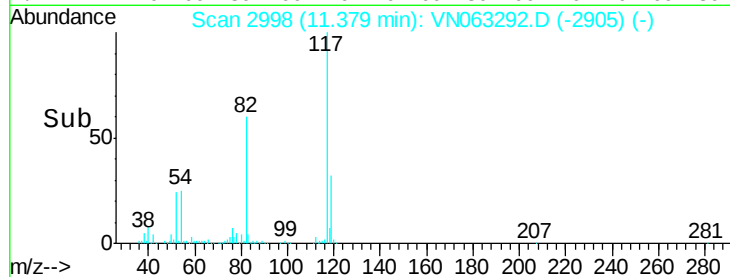
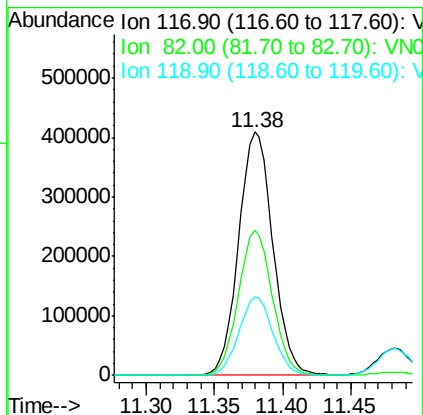
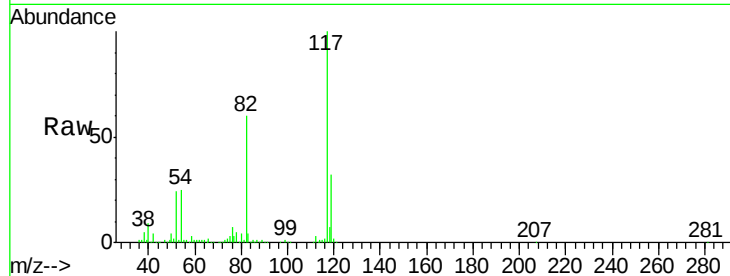




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

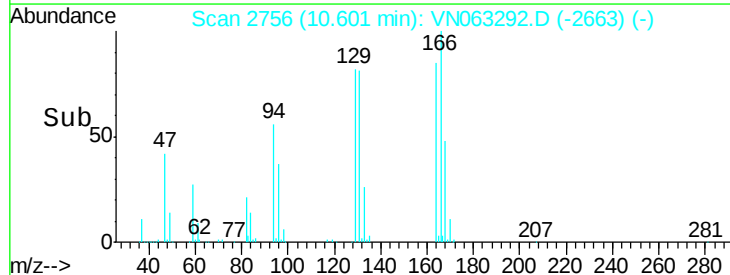
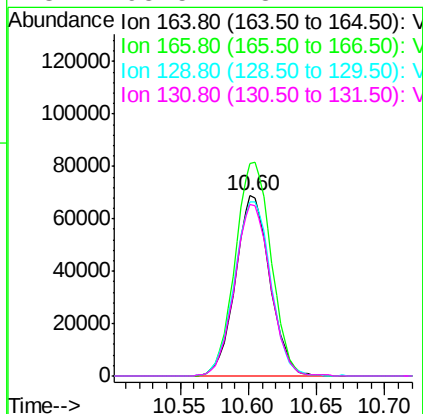
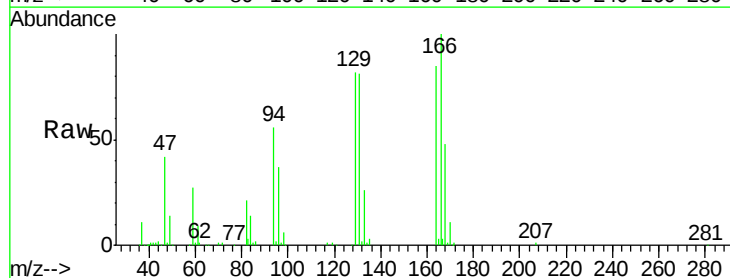
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

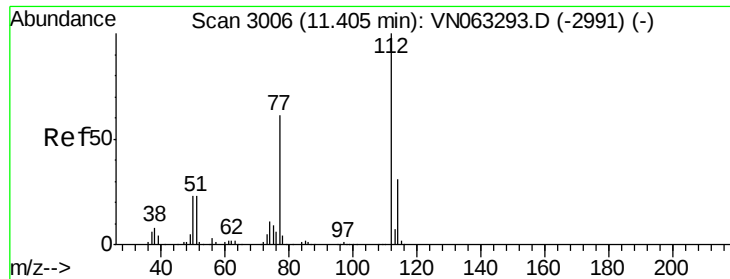
Tgt Ion:117 Resp: 714447
Ion Ratio Lower Upper
117 100
82 59.6 46.4 69.6
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 23.038 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion:164 Resp: 120767
Ion Ratio Lower Upper
164 100
166 118.2 101.3 151.9
129 96.7 83.7 125.5
131 95.5 78.2 117.4

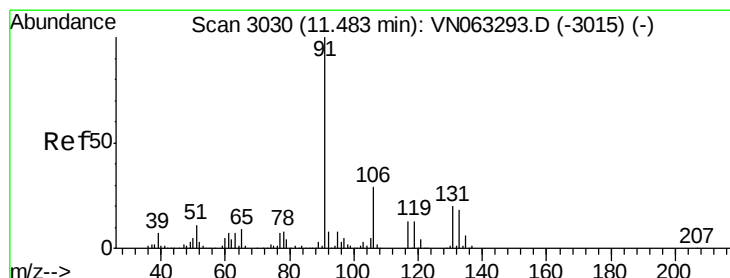
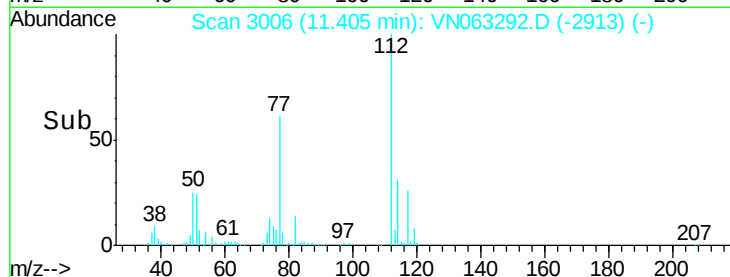
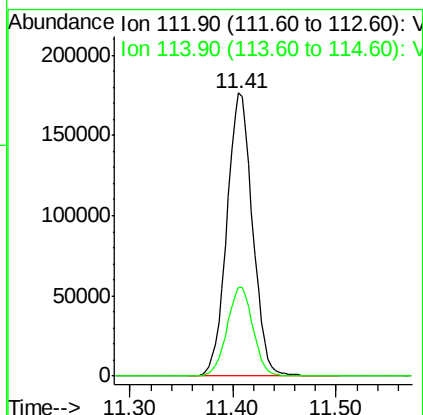
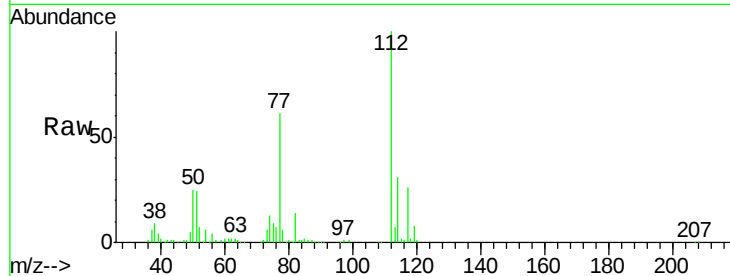




#65
Chlorobenzene
Concen: 21.374 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

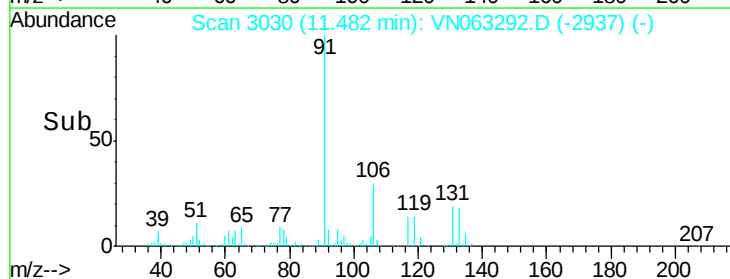
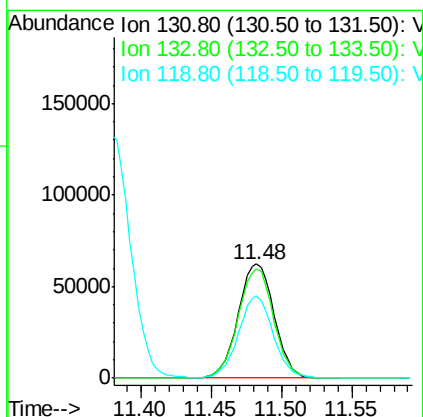
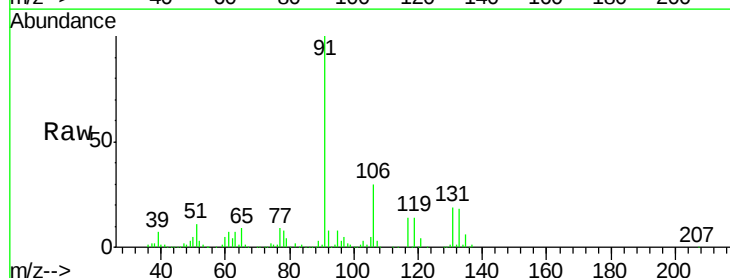
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

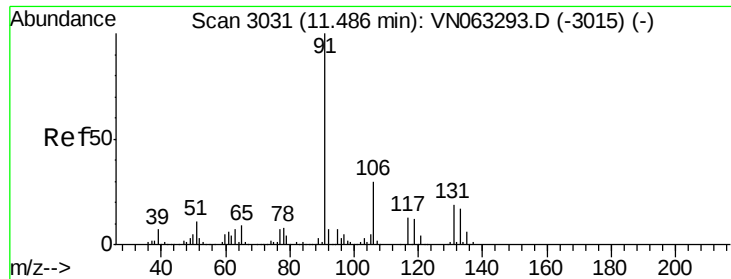
Tgt Ion:112 Resp: 307055
Ion Ratio Lower Upper
112 100
114 31.5 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.047 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion:131 Resp: 111615
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 69.7 33.8 101.3

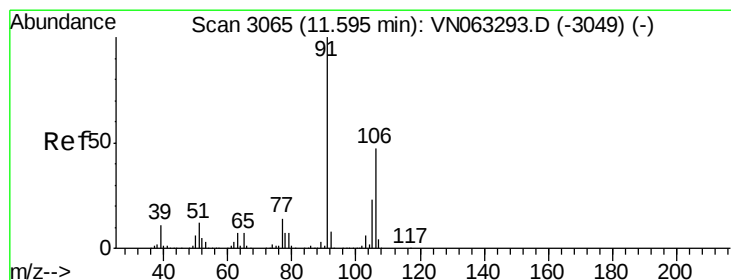
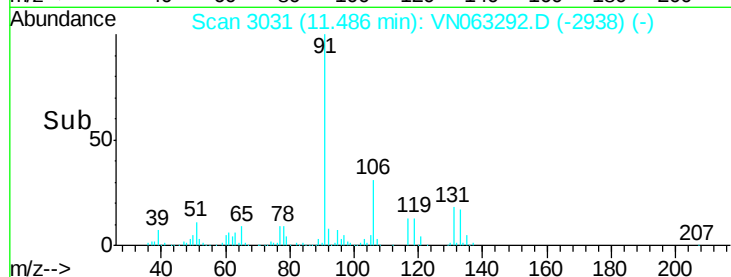
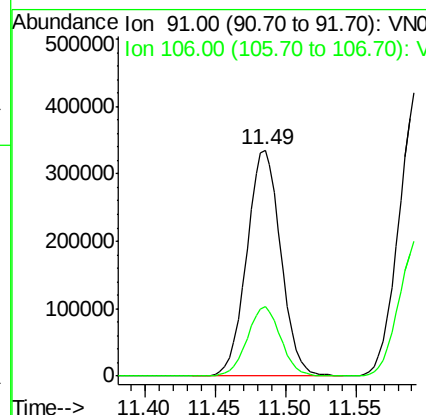
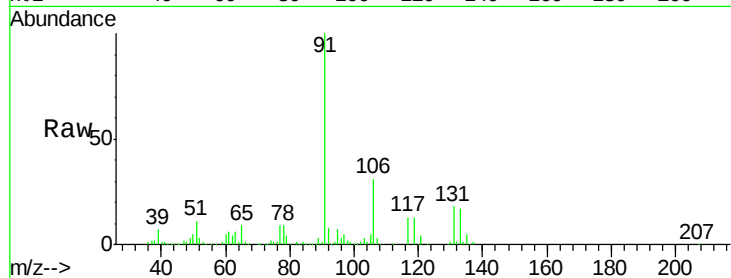




#67
Ethyl Benzene
Concen: 21.638 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

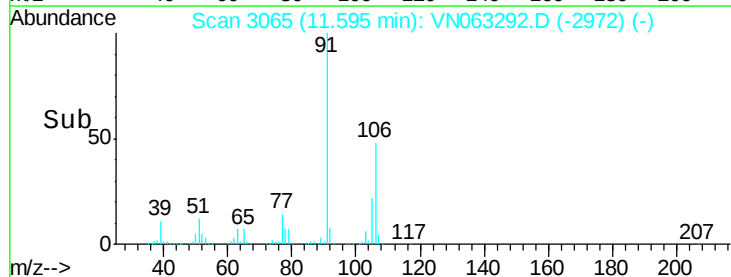
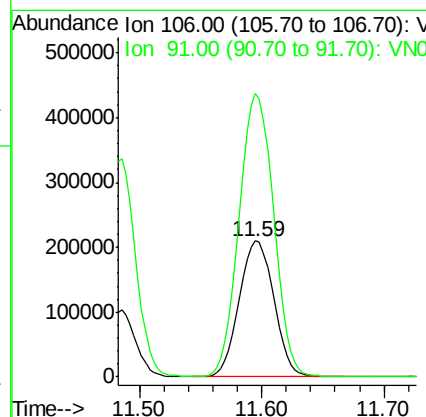
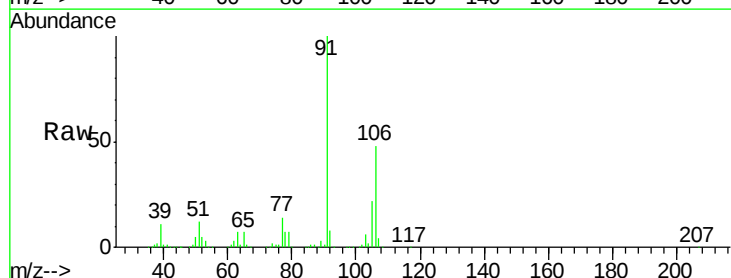
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

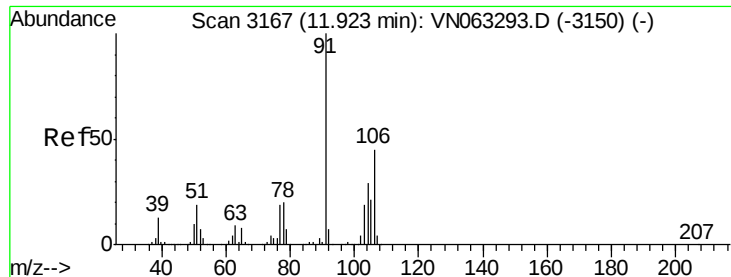
Tgt Ion: 91 Resp: 566677
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 42.718 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion: 106 Resp: 412967
Ion Ratio Lower Upper
106 100
91 207.7 169.8 254.8

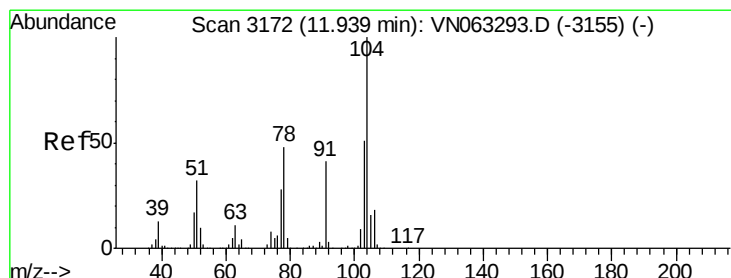
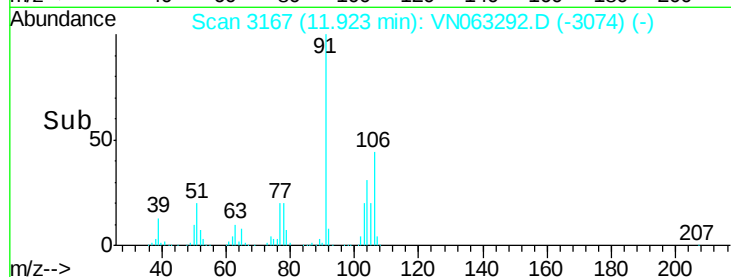
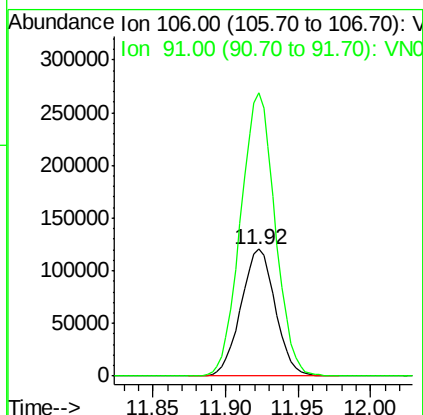
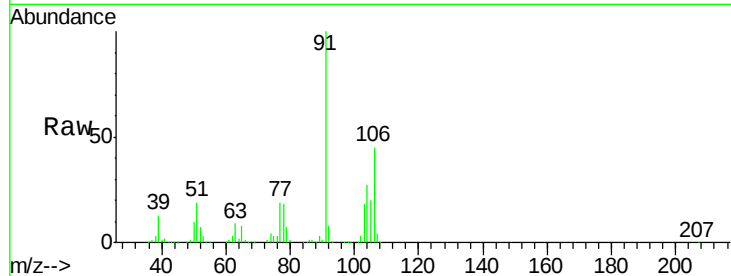




#69
o-Xylene
Concen: 21.299 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

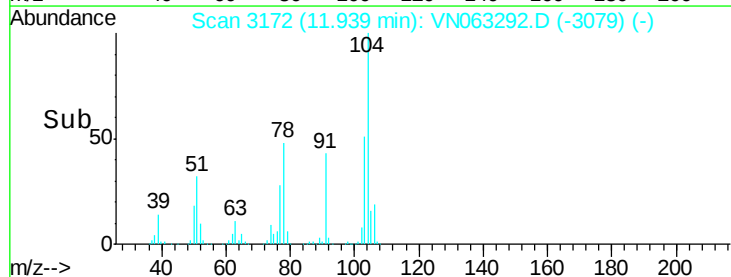
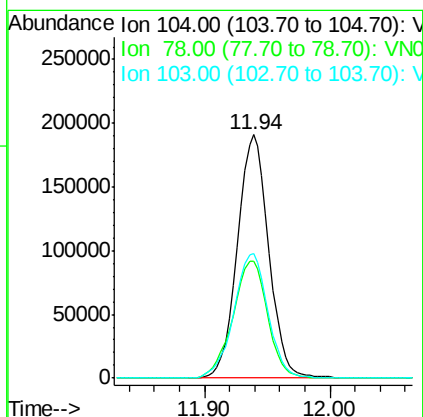
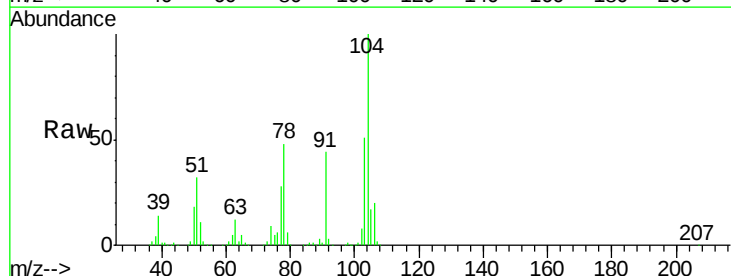
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

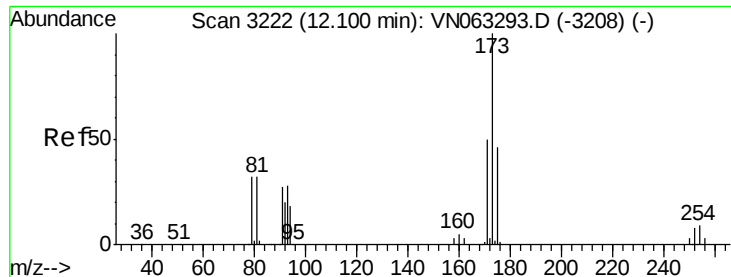
Tgt Ion:106 Resp: 198967
Ion Ratio Lower Upper
106 100
91 223.4 111.5 334.4



#70
Styrene
Concen: 20.689 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion:104 Resp: 331092
Ion Ratio Lower Upper
104 100
78 53.8 42.9 64.3
103 55.9 44.2 66.2





#71

Bromoform

Concen: 21.904 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

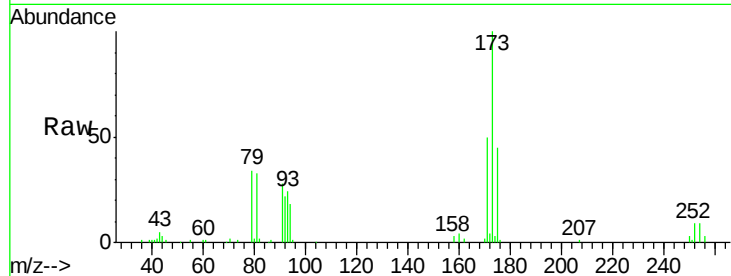
Tgt Ion:173 Resp: 79325

Ion Ratio Lower Upper

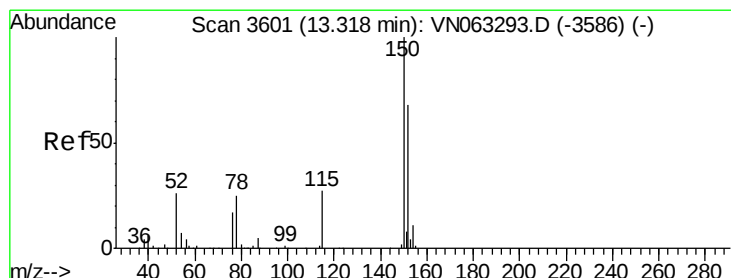
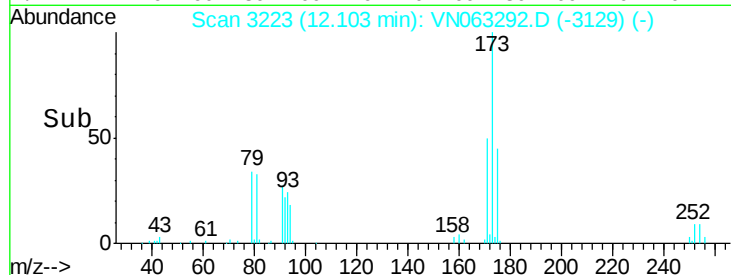
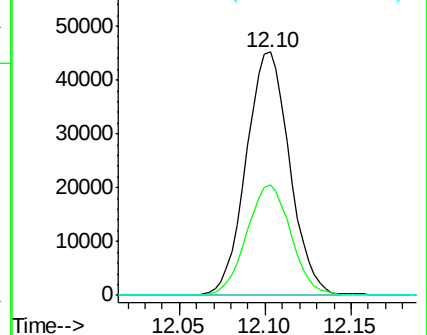
173 100

175 46.3 23.8 71.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

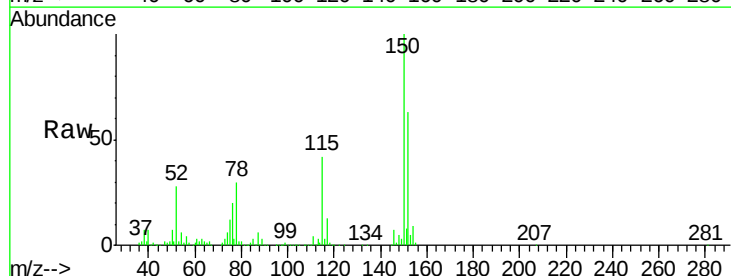
Tgt Ion:152 Resp: 325440

Ion Ratio Lower Upper

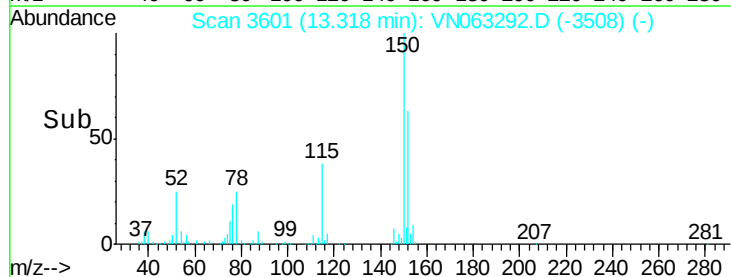
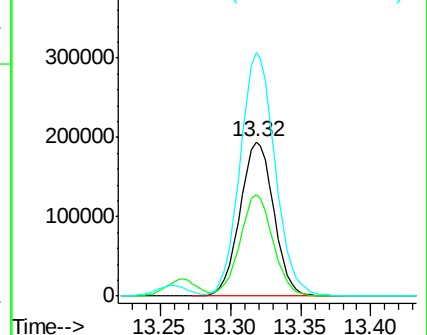
152 100

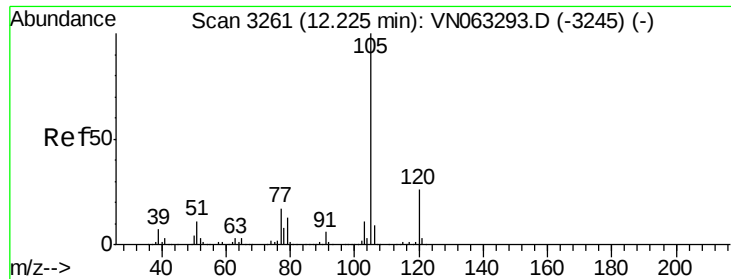
115 64.3 31.5 94.5

150 164.0 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.655 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

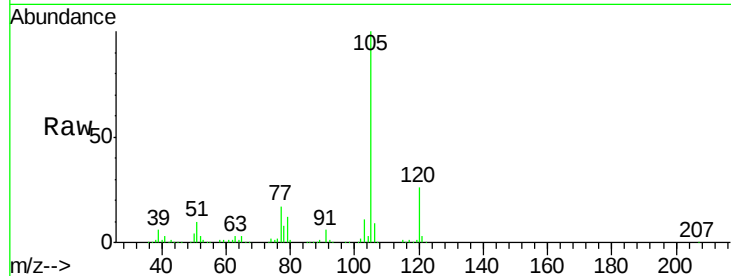
VSTDIC020

Tgt Ion: 105 Resp: 535977

Ion Ratio Lower Upper

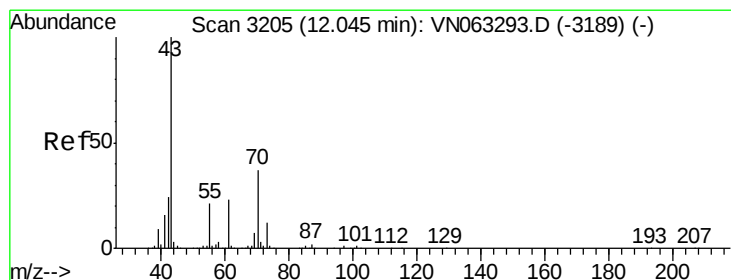
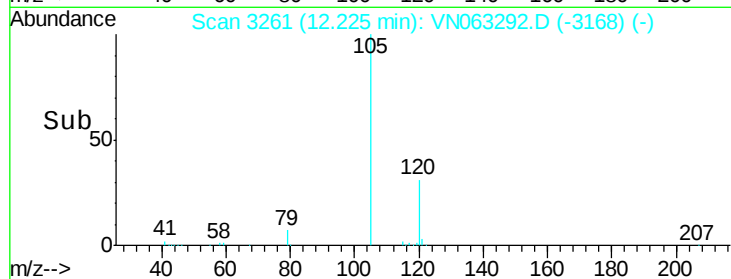
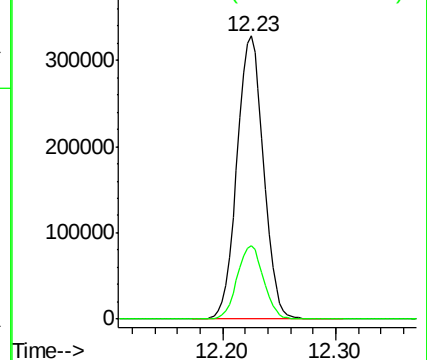
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.360 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Tgt Ion: 43 Resp: 231282

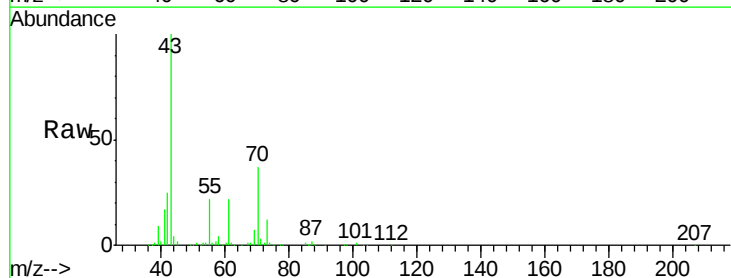
Ion Ratio Lower Upper

43 100

70 37.1 29.3 43.9

55 22.6 17.0 25.6

61 22.0 17.8 26.6

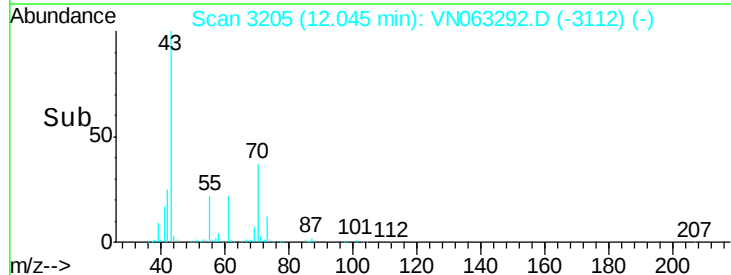
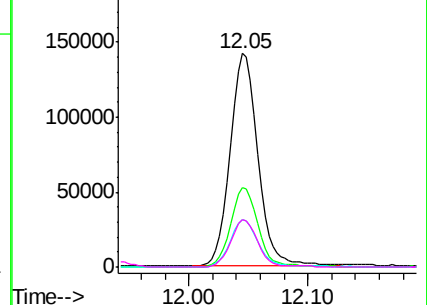


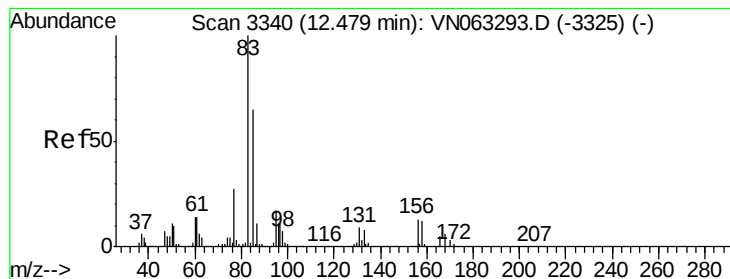
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.777 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

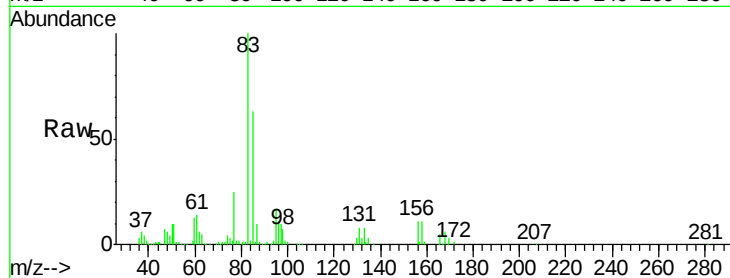
Tgt Ion: 83 Resp: 154896

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

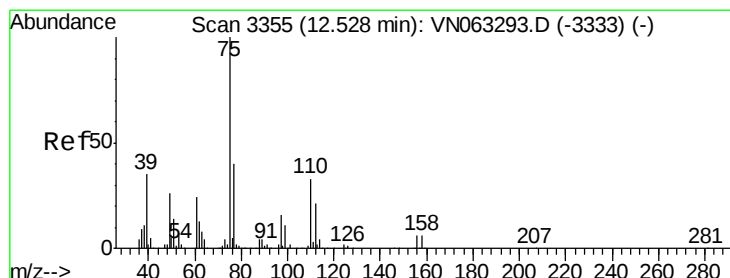
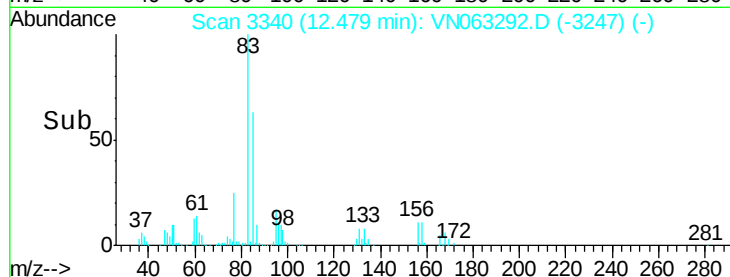
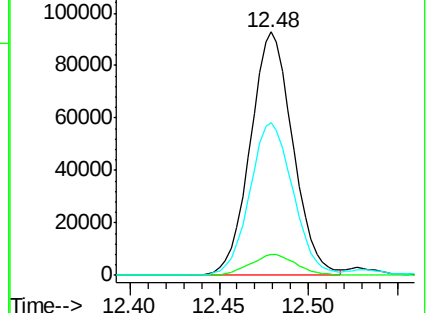
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063292.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN063292.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN063292.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 31.111 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063292.D

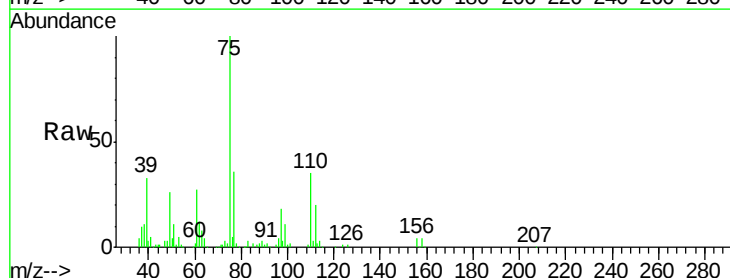
Acq: 10 Sep 2020 13:32

Tgt Ion: 75 Resp: 216546

Ion Ratio Lower Upper

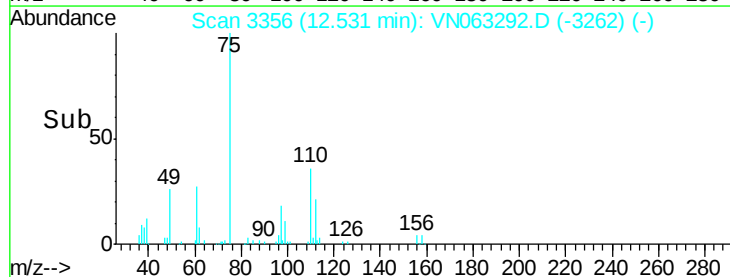
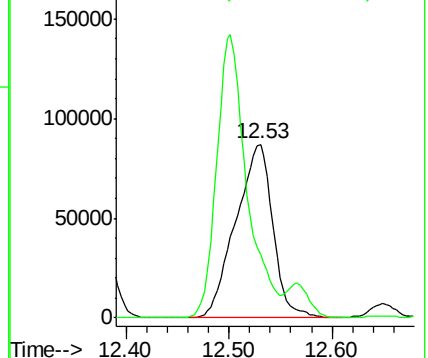
75 100

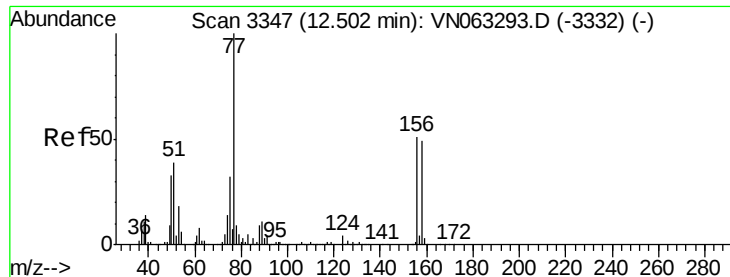
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063292.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN063292.D (-3355) (-)





#77

Bromobenzene

Concen: 21.000 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

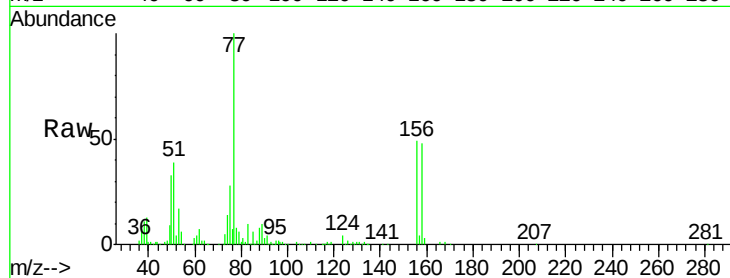
Tgt Ion:156 Resp: 118130

Ion Ratio Lower Upper

156 100

77 244.6 117.4 352.2

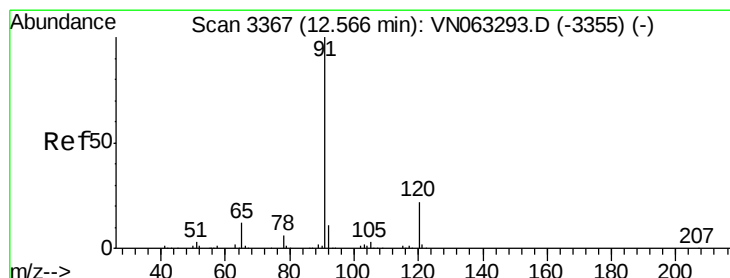
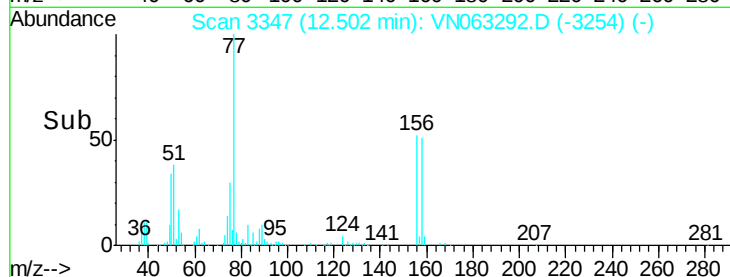
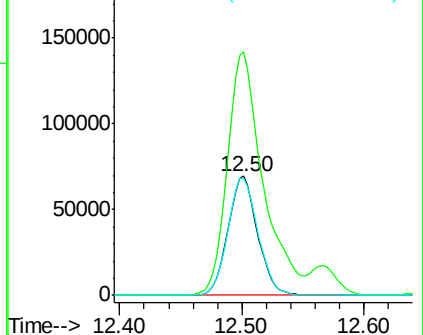
158 100.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.641 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063292.D

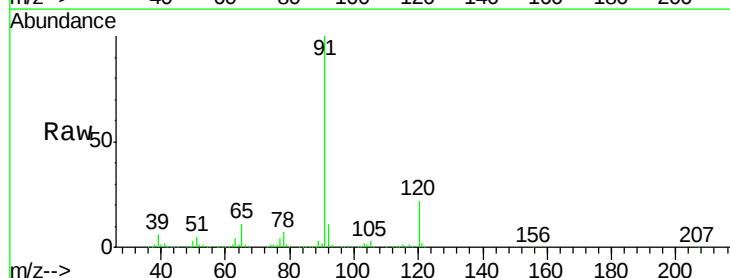
Acq: 10 Sep 2020 13:32

Tgt Ion: 91 Resp: 619785

Ion Ratio Lower Upper

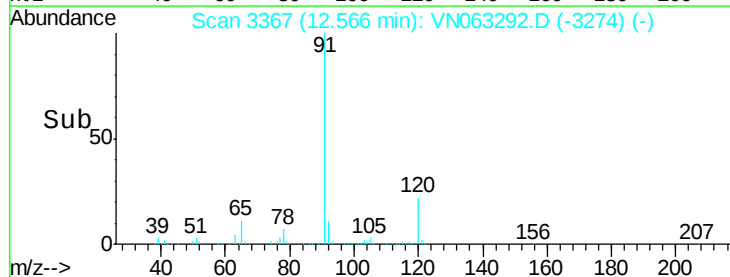
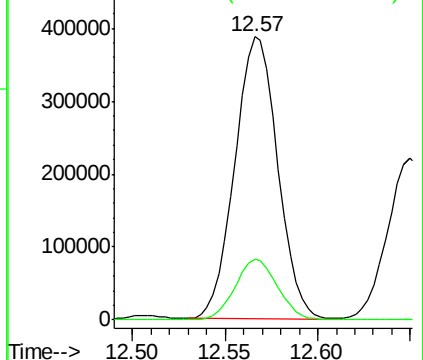
91 100

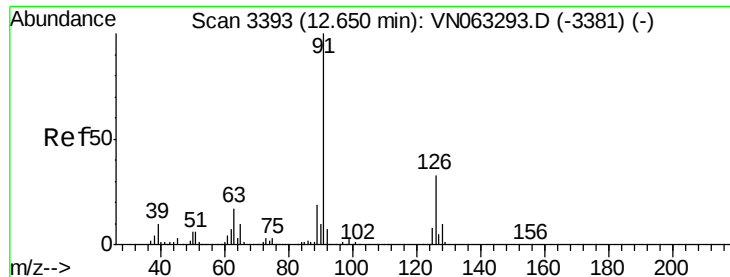
120 21.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

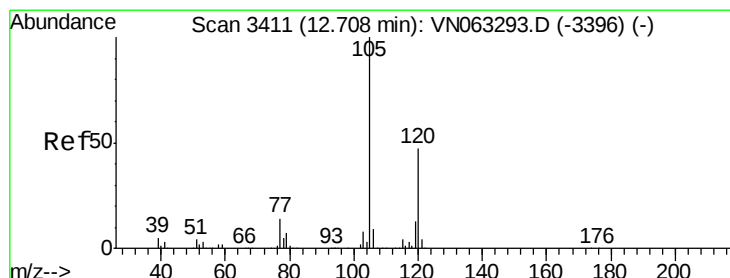
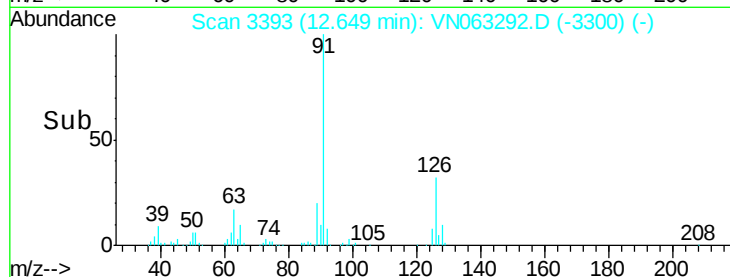
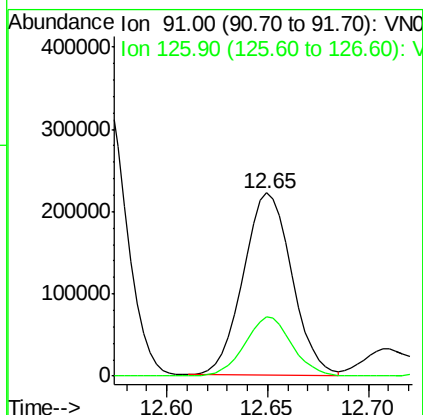
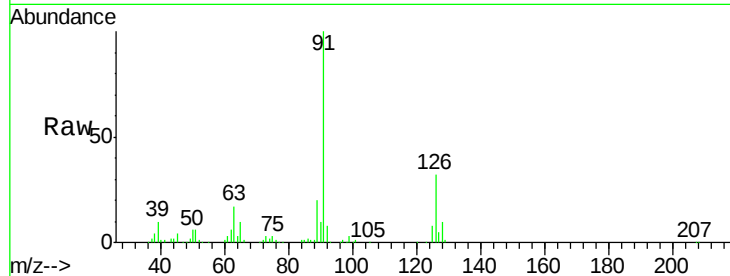




#79
 2-Chlorotoluene
 Concen: 21.718 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

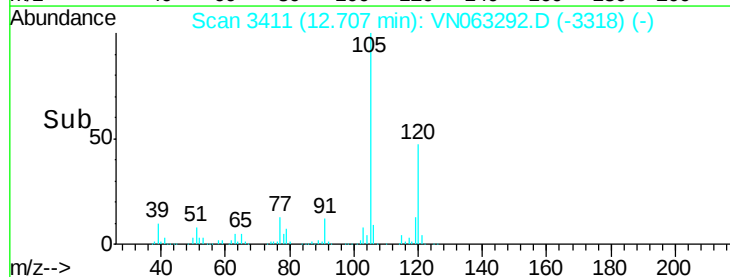
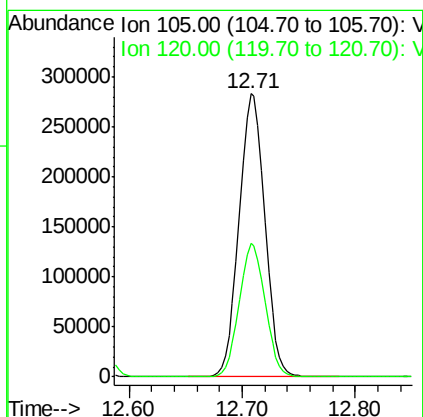
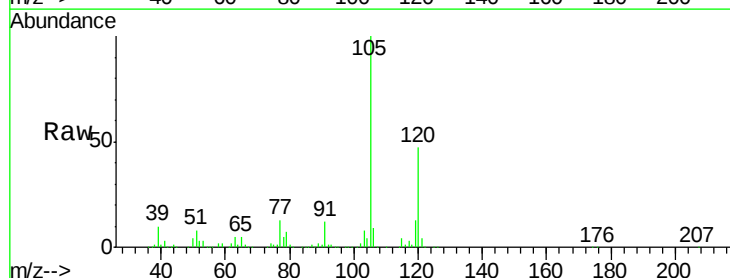
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

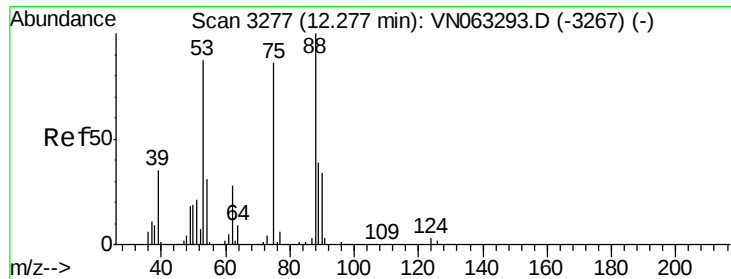
Tgt Ion: 91 Resp: 373549
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.756 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion: 105 Resp: 450166
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.334 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

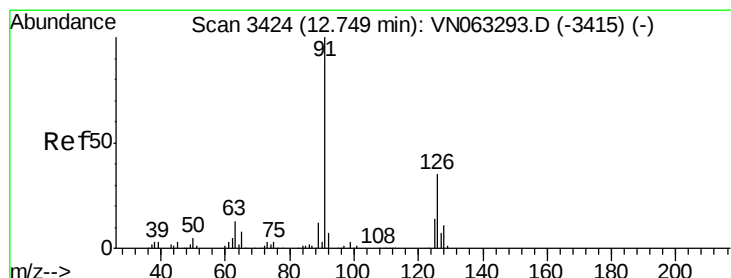
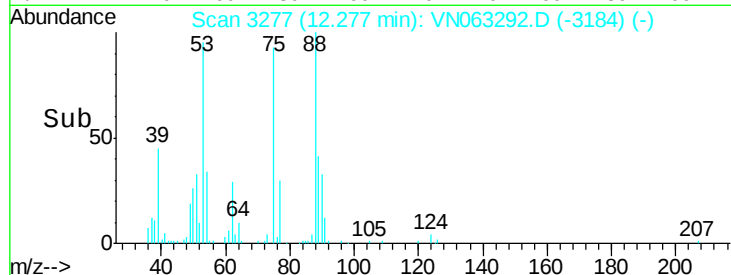
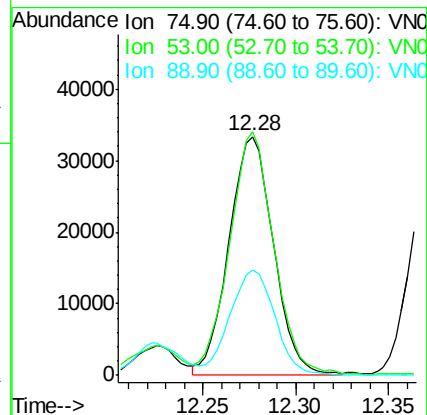
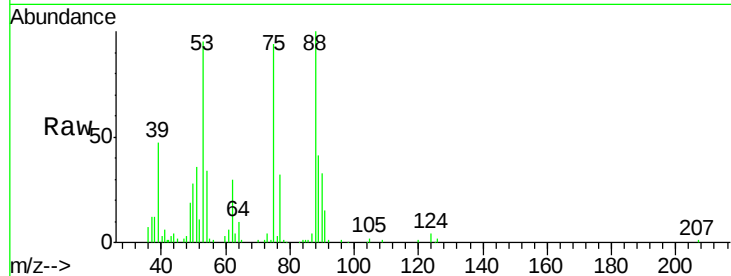
Tgt Ion: 75 Resp: 55837

Ion Ratio Lower Upper

75 100

53 101.5 81.8 122.8

89 44.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 21.260 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063292.D

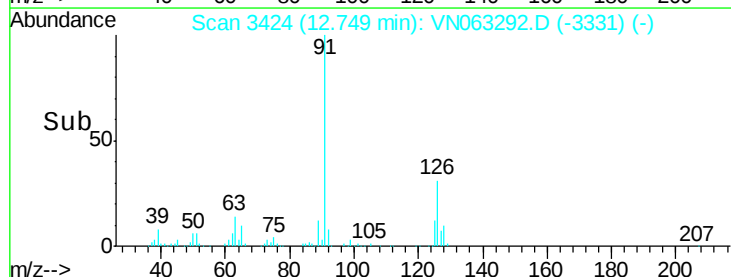
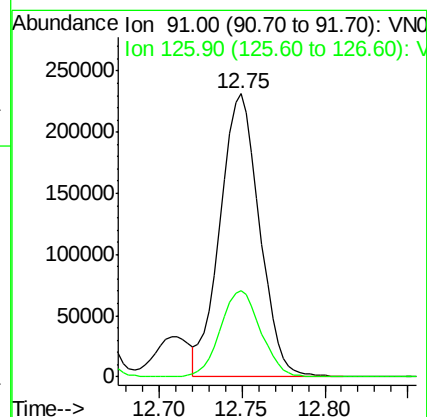
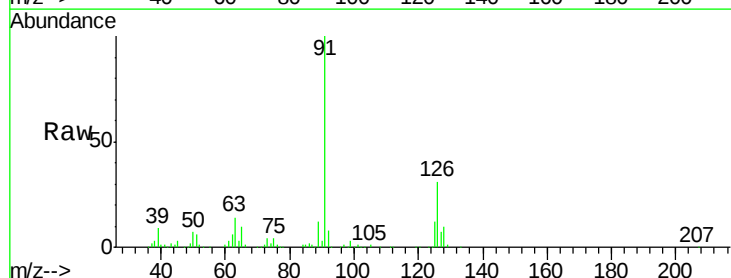
Acq: 10 Sep 2020 13:32

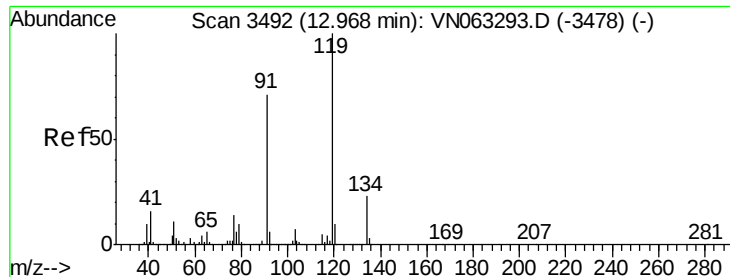
Tgt Ion: 91 Resp: 378845

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7





#83

tert-Butylbenzene

Concen: 21.023 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

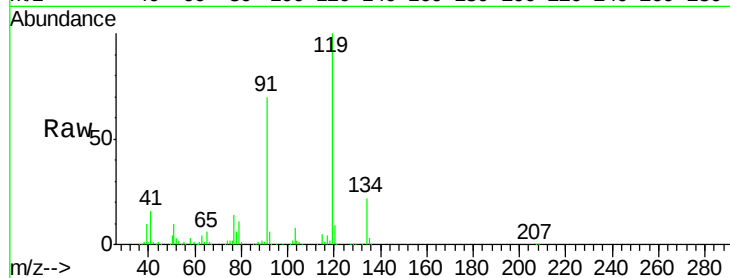
Tgt Ion:119 Resp: 371291

Ion Ratio Lower Upper

119 100

91 69.0 34.8 104.3

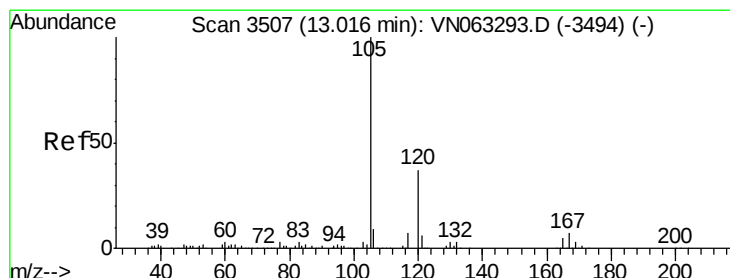
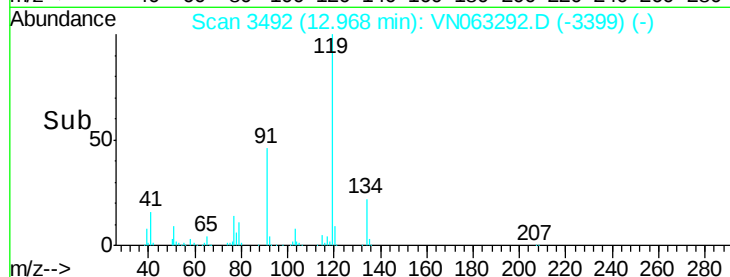
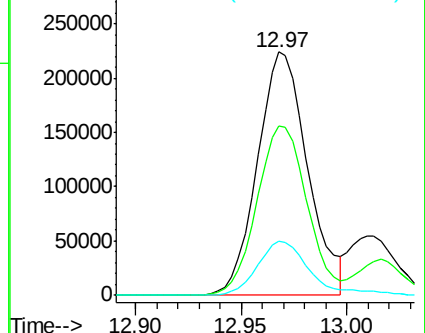
134 23.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.721 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063292.D

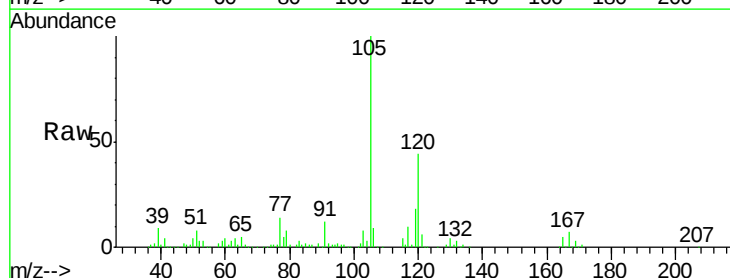
Acq: 10 Sep 2020 13:32

Tgt Ion:105 Resp: 452965

Ion Ratio Lower Upper

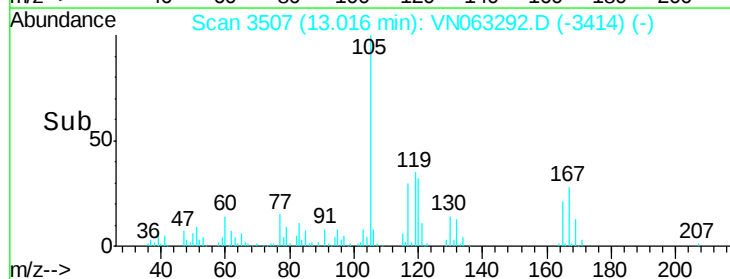
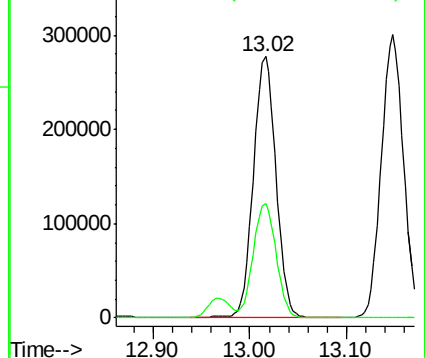
105 100

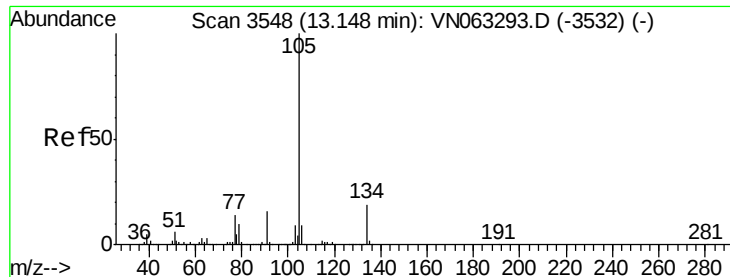
120 44.1 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.912 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

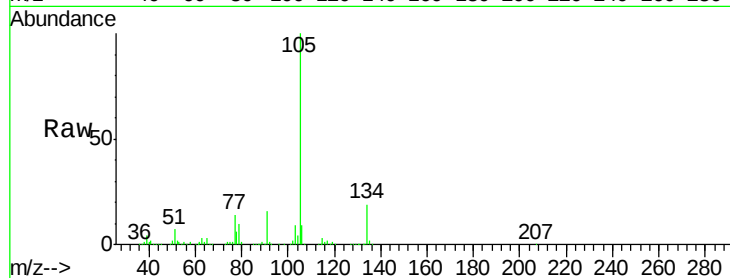
VSTDIC020

Tgt Ion:105 Resp: 479099

Ion Ratio Lower Upper

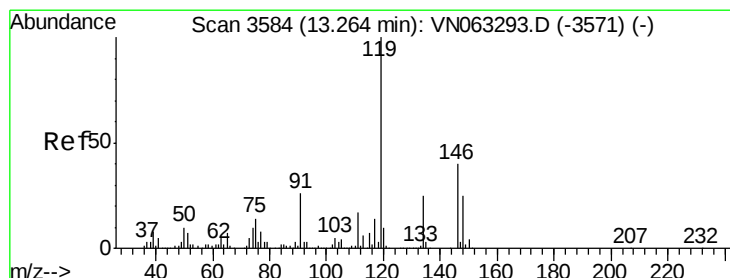
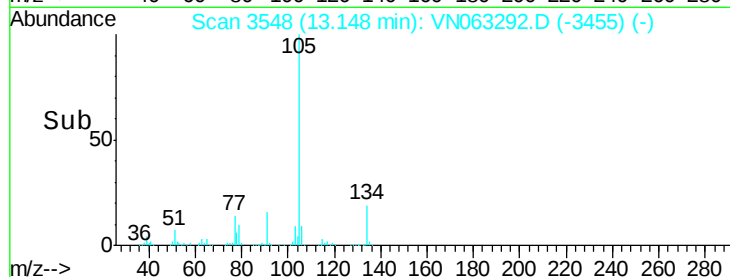
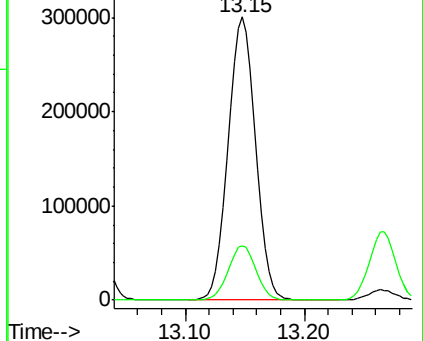
105 100

134 19.4 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.425 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

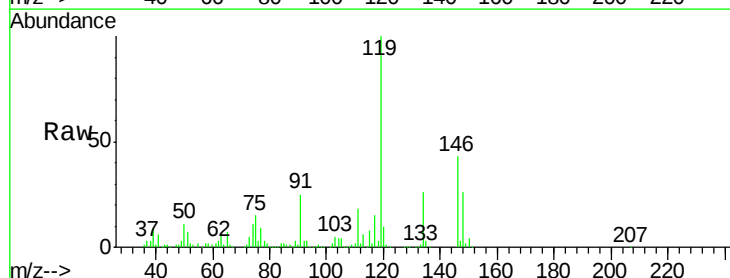
Tgt Ion:119 Resp: 436856

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

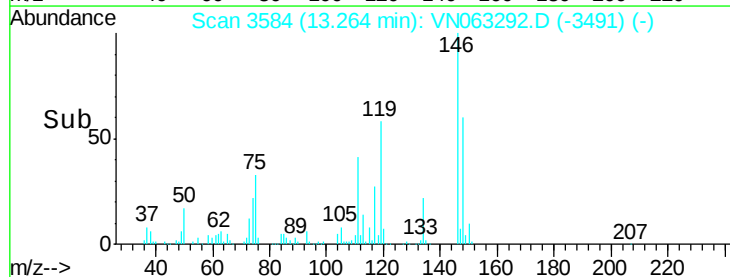
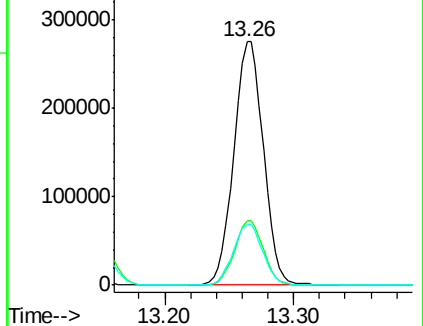
91 25.7 12.8 38.3

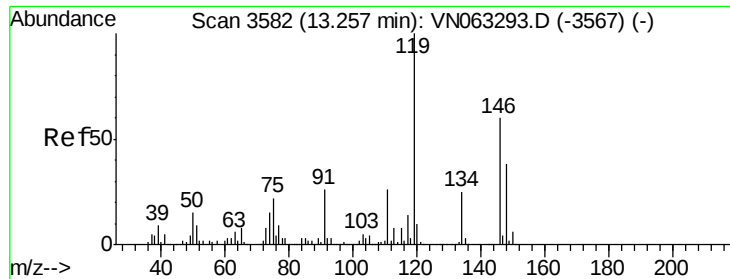


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

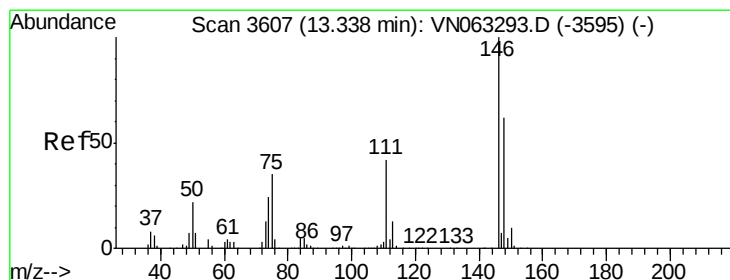
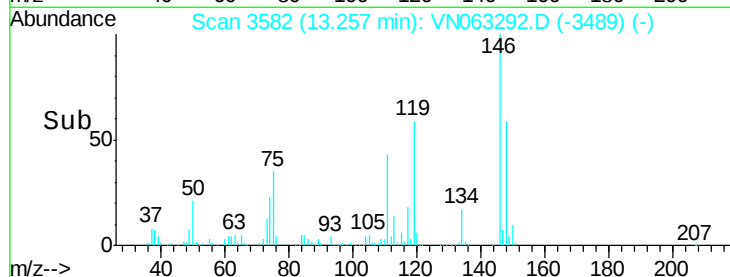
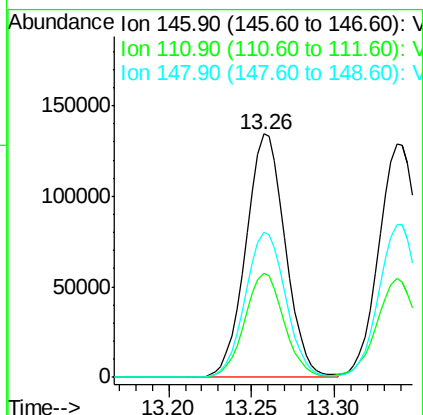
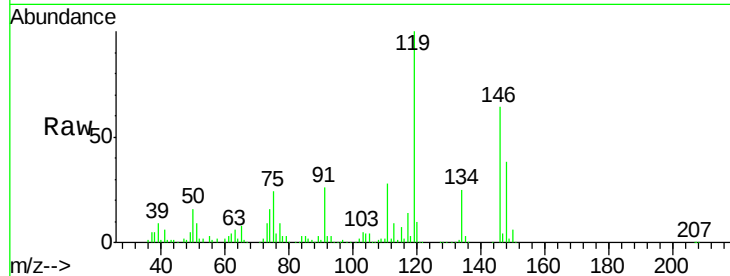




#87
 1,3-Dichlorobenzene
 Concen: 21.617 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

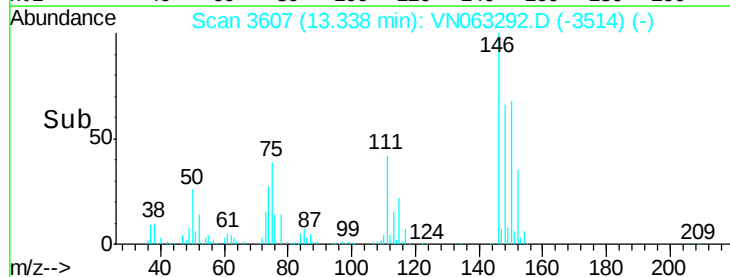
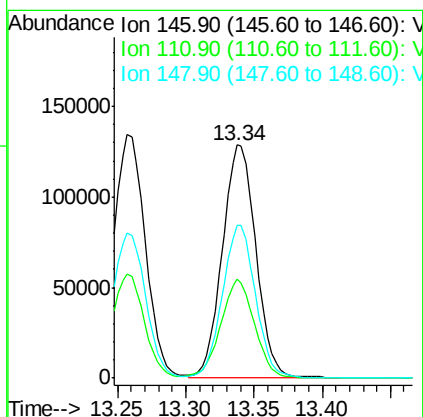
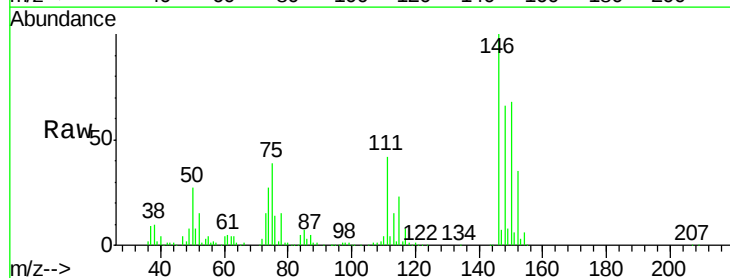
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

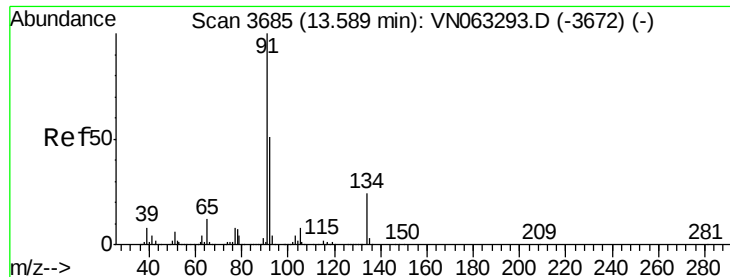
Tgt Ion:146 Resp: 222822
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.8 65.4
 148 61.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.646 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion:146 Resp: 219553
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 64.0
 148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 20.587 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063292.D

Acq: 10 Sep 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

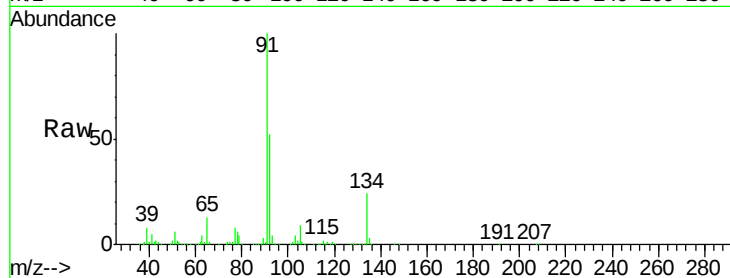
Tgt Ion: 91 Resp: 388342

Ion Ratio Lower Upper

91 100

92 52.1 25.8 77.3

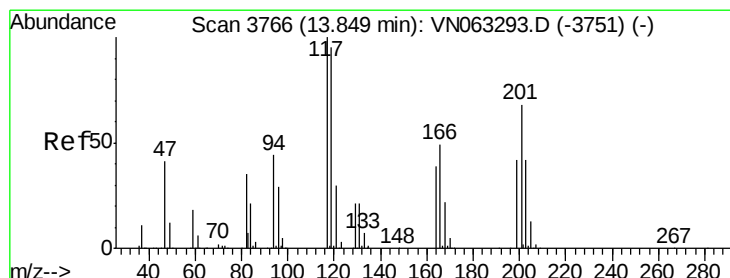
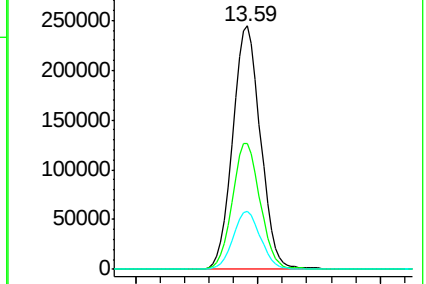
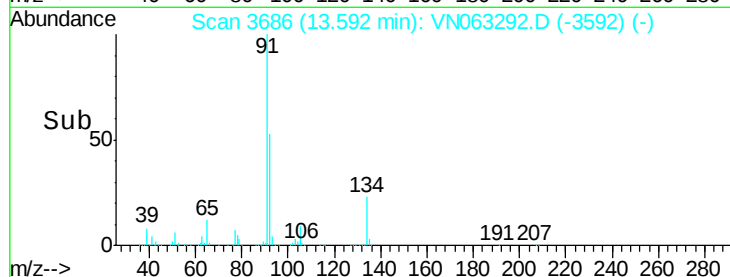
134 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063292.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063292.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063292.D (-3672) (-)



#90

Hexachloroethane

Concen: 19.431 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063292.D

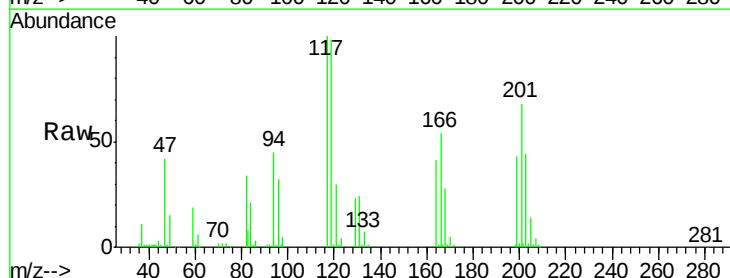
Acq: 10 Sep 2020 13:32

Tgt Ion: 117 Resp: 73045

Ion Ratio Lower Upper

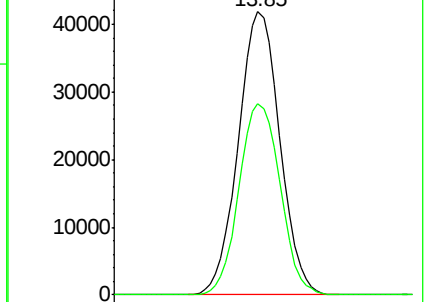
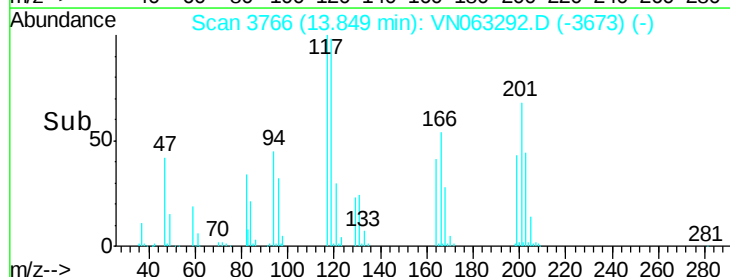
117 100

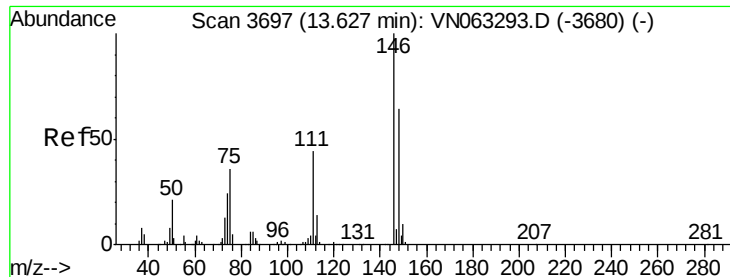
201 66.8 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063292.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063292.D (-3673) (-)

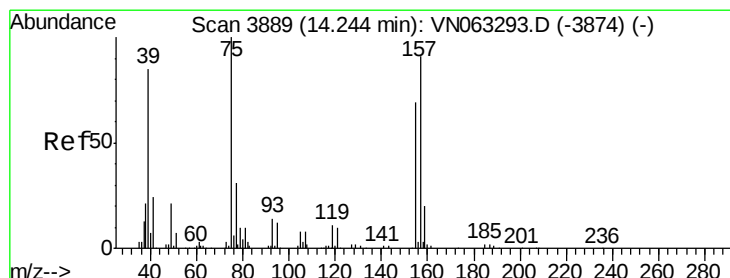
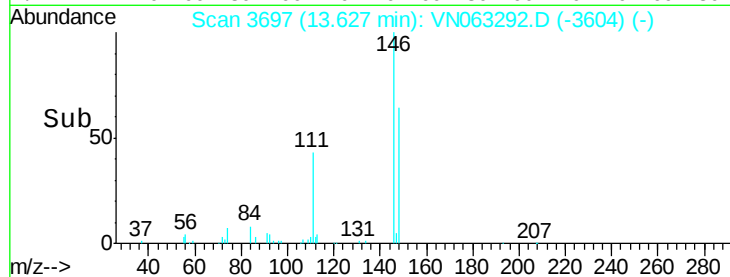
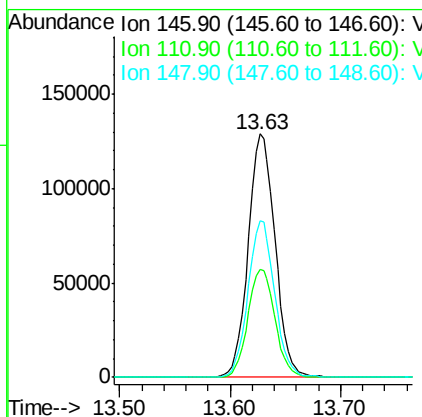
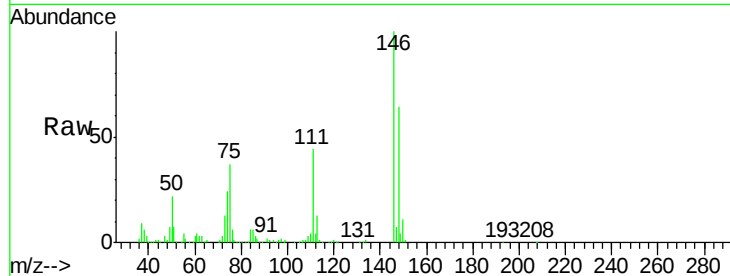




#91
 1,2-Dichlorobenzene
 Concen: 21.737 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

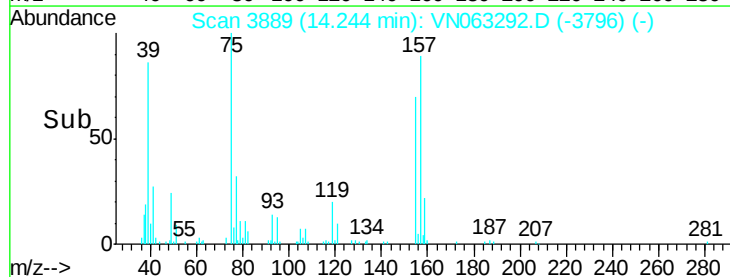
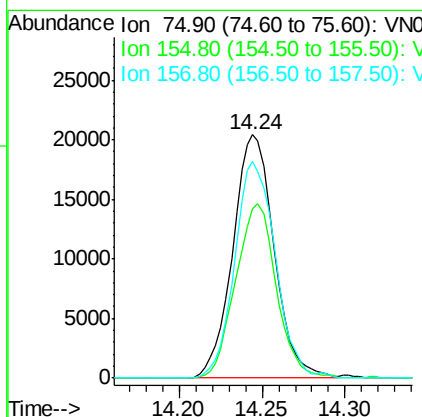
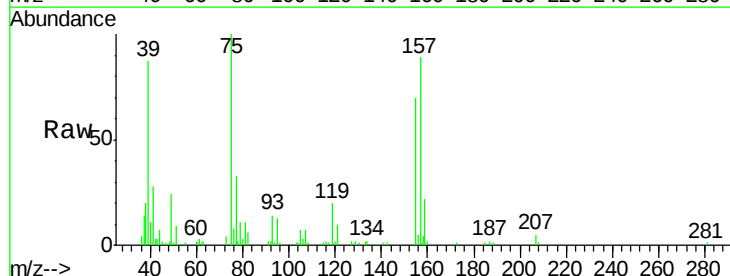
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

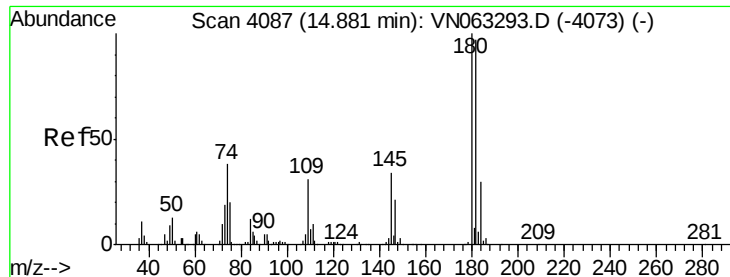
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.5
148	63.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.260 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.2	35.3	105.7
157	87.8	46.7	140.0

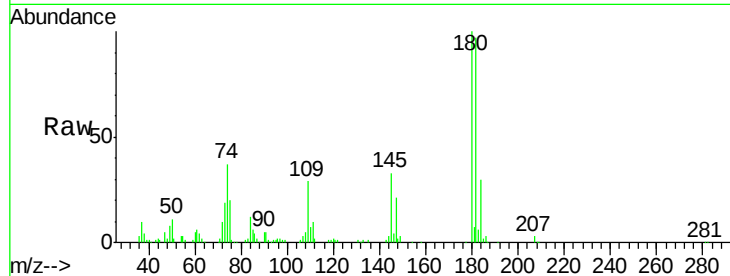




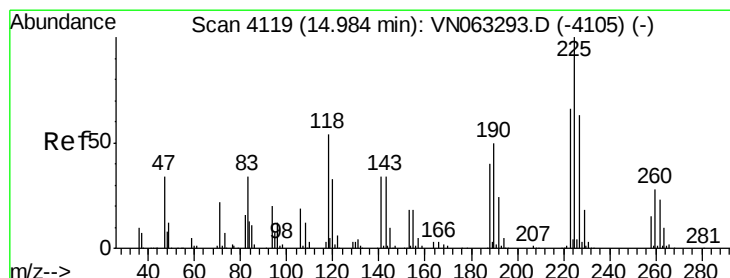
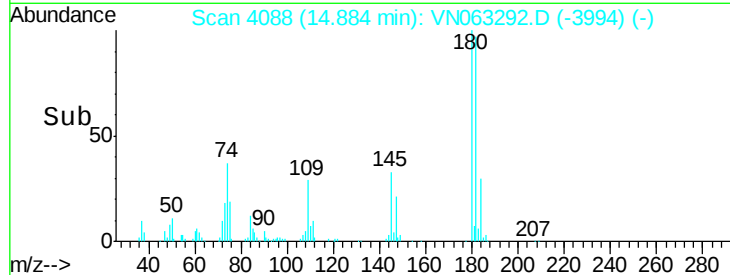
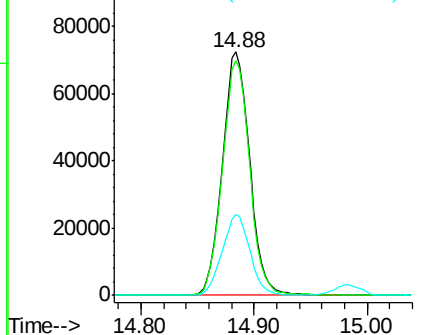
#93
 1,2,4-Trichlorobenzene
 Concen: 21.526 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 121730
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 33.5 16.6 49.8

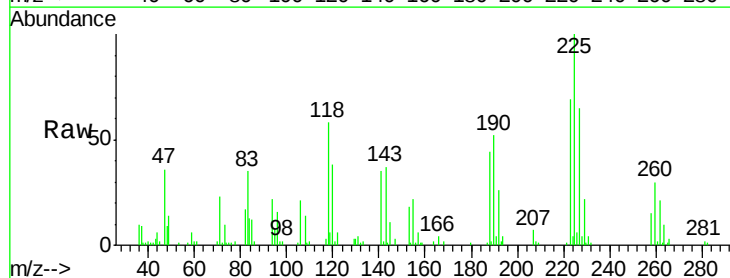


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

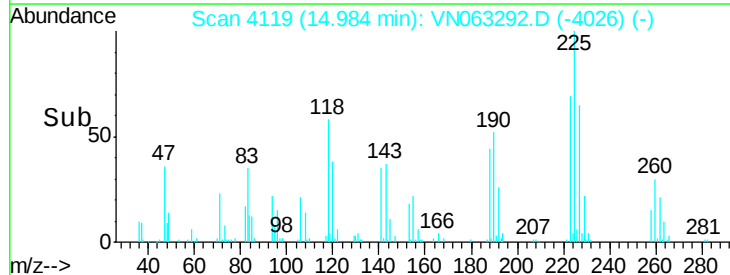
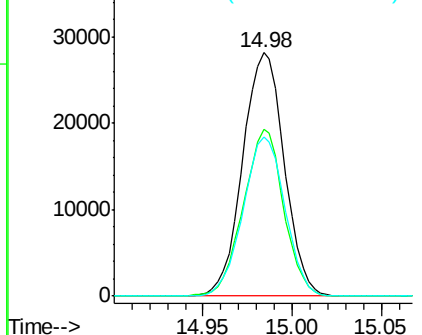


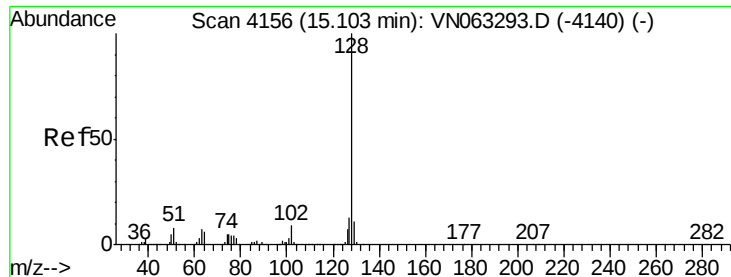
#94
 Hexachlorobutadiene
 Concen: 21.427 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063292.D
 Acq: 10 Sep 2020 13:32

Tgt Ion:225 Resp: 45797
 Ion Ratio Lower Upper
 225 100
 223 66.4 31.3 93.9
 227 65.7 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

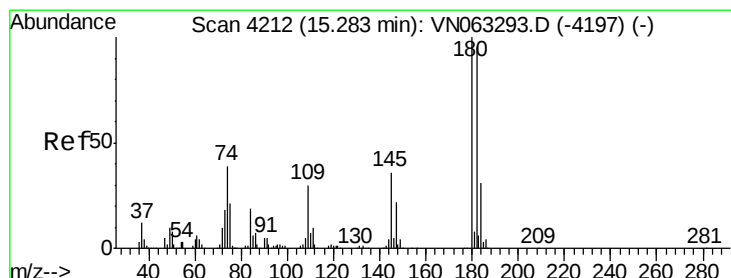
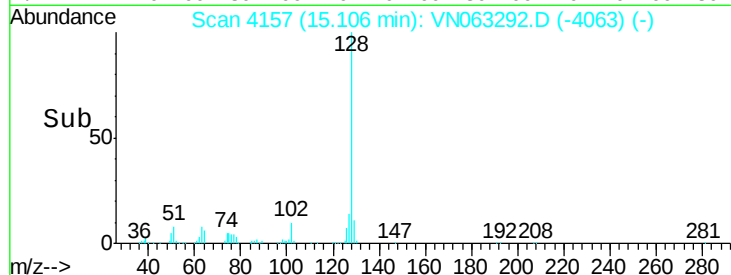
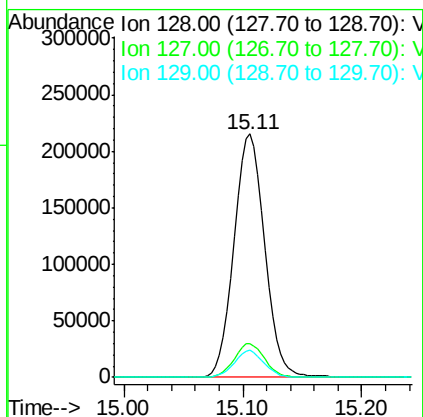
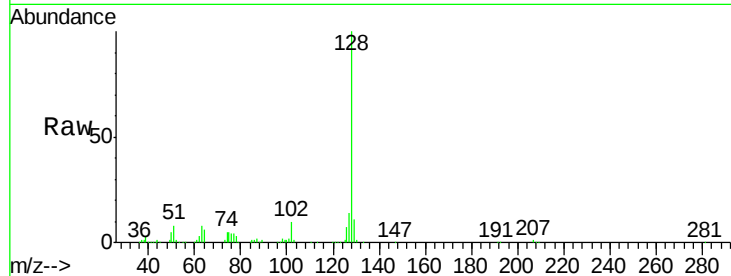




#95
Naphthalene
Concen: 20.835 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 385532
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.351 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063292.D
Acq: 10 Sep 2020 13:32

Tgt Ion:180 Resp: 117614
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 34.2 17.2 51.6

