

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063294.D
 Acq On : 10 Sep 2020 14:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 10 14:55:37 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	482417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	864352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	781735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	374437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	759067	98.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.58%	
35) Dibromofluoromethane	7.55	113	565640	102.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.78%	
50) Toluene-d8	10.06	98	2159739	102.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.04%	
62) 4-Bromofluorobenzene	12.38	95	814399	109.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	434636	92.399	ug/l	100
3) Chloromethane	2.04	50	610056	89.110	ug/l	99
4) Vinyl Chloride	2.17	62	626353	84.413	ug/l	99
5) Bromomethane	2.52	94	426316	71.222	ug/l	100
6) Chloroethane	2.67	64	405534	71.484	ug/l	97
7) Trichlorofluoromethane	2.98	101	963204	85.984	ug/l	99
8) Diethyl Ether	3.38	74	346836	95.556	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	508134	98.326	ug/l	99
10) Methyl Iodide	3.91	142	733850	104.821	ug/l	100
11) Tert butyl alcohol	4.73	59	502148	525.290	ug/l	100
12) 1,1-Dichloroethene	3.70	96	508680	97.313	ug/l	98
13) Acrolein	3.57	56	307477	864.056	ug/l	99
14) Allyl chloride	4.28	41	1022918	108.589	ug/l	98
15) Acrylonitrile	4.93	53	1360841	550.412	ug/l	100
16) Acetone	3.77	43	1198593	531.419	ug/l	100
17) Carbon Disulfide	4.01	76	1479916	94.940	ug/l	100
18) Methyl Acetate	4.28	43	631861	109.886	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1846590	95.815	ug/l	99
20) Methylene Chloride	4.51	84	598849	89.405	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	563638	98.162	ug/l	99
22) Diisopropyl ether	5.90	45	2081771	99.687	ug/l	99
23) Vinyl Acetate	5.84	43	8442990	508.186	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1115049	97.288	ug/l	99
25) 2-Butanone	6.78	43	1903377	548.991	ug/l	99
26) 2,2-Dichloropropane	6.78	77	972897	93.524	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	652696	93.518	ug/l	100
28) Bromochloromethane	7.15	49	552385	94.136	ug/l	100
29) Tetrahydrofuran	7.16	42	1254107	525.354	ug/l	98
30) Chloroform	7.33	83	1132765	94.829	ug/l	100
31) Cyclohexane	7.61	56	989445	91.855	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	991278	96.593	ug/l	99
36) 1,1-Dichloropropene	7.75	75	868394	104.436	ug/l	99
37) Ethyl Acetate	6.88	43	831974	116.820	ug/l	98
38) Carbon Tetrachloride	7.74	117	865130	102.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	940384	101.195	ug/l	99
40) Benzene	8.00	78	2449574	100.941	ug/l	100
41) Methacrylonitrile	7.16	41	1179170	328.303	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	950702	104.417	ug/l	100
43) Isopropyl Acetate	8.13	43	1486479	109.749	ug/l #	92
44) Trichloroethene	8.80	130	636677	106.566	ug/l	100
45) 1,2-Dichloropropane	9.09	63	667340	102.972	ug/l	100
46) Dibromomethane	9.17	93	437929	103.182	ug/l	99
47) Bromodichloromethane	9.37	83	930675	102.449	ug/l	98
48) Methyl methacrylate	9.17	41	698153	113.840	ug/l	99
49) 1,4-Dioxane	9.17	88	200152	2121.360	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3993459	542.049	ug/l	98
52) Toluene	10.13	92	1514209	100.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	1045772	105.677	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1103450	105.102	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	592603	102.502	ug/l	99
56) Ethyl methacrylate	10.40	69	955015	108.329	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1036879	100.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2277251	502.235	ug/l	100
59) 2-Hexanone	10.72	43	3005771	578.292	ug/l	99
60) Dibromochloromethane	10.87	129	687471	107.601	ug/l	99
61) 1,2-Dibromoethane	10.98	107	625107	104.490	ug/l	99
64) Tetrachloroethene	10.60	164	597629	104.195	ug/l	98
65) Chlorobenzene	11.41	112	1606684	102.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	597394	102.954	ug/l	99
67) Ethyl Benzene	11.49	91	2959225	103.268	ug/l	97
68) m/p-Xylenes	11.59	106	2206106	208.560	ug/l	93
69) o-Xylene	11.92	106	1062918	103.988	ug/l	98
70) Styrene	11.94	104	1830968	104.563	ug/l	99
71) Bromoform	12.10	173	441004	111.294	ug/l #	99
73) Isopropylbenzene	12.23	105	2827879	99.302	ug/l	99
74) N-amyl acetate	12.05	43	1342363	112.796	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	814143	99.483	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1170440	146.152	ug/l #	100
77) Bromobenzene	12.50	156	650647	100.531	ug/l	99
78) n-propylbenzene	12.57	91	3271525	99.285	ug/l	98
79) 2-Chlorotoluene	12.65	91	1972969	99.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2429972	102.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	313674	104.165	ug/l	99
82) 4-Chlorotoluene	12.75	91	2097658	102.311	ug/l	100
83) tert-Butylbenzene	12.97	119	1998351	98.342	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	2465278	102.747	ug/l	100
85) sec-Butylbenzene	13.15	105	2641441	100.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	2417551	103.050	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1205964	101.685	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1219373	99.662	ug/l	99
89) n-Butylbenzene	13.59	91	2234757	102.967	ug/l	100
90) Hexachloroethane	13.85	117	438552	101.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1190067	103.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	193479	105.578	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
Response via : Initial Calibration

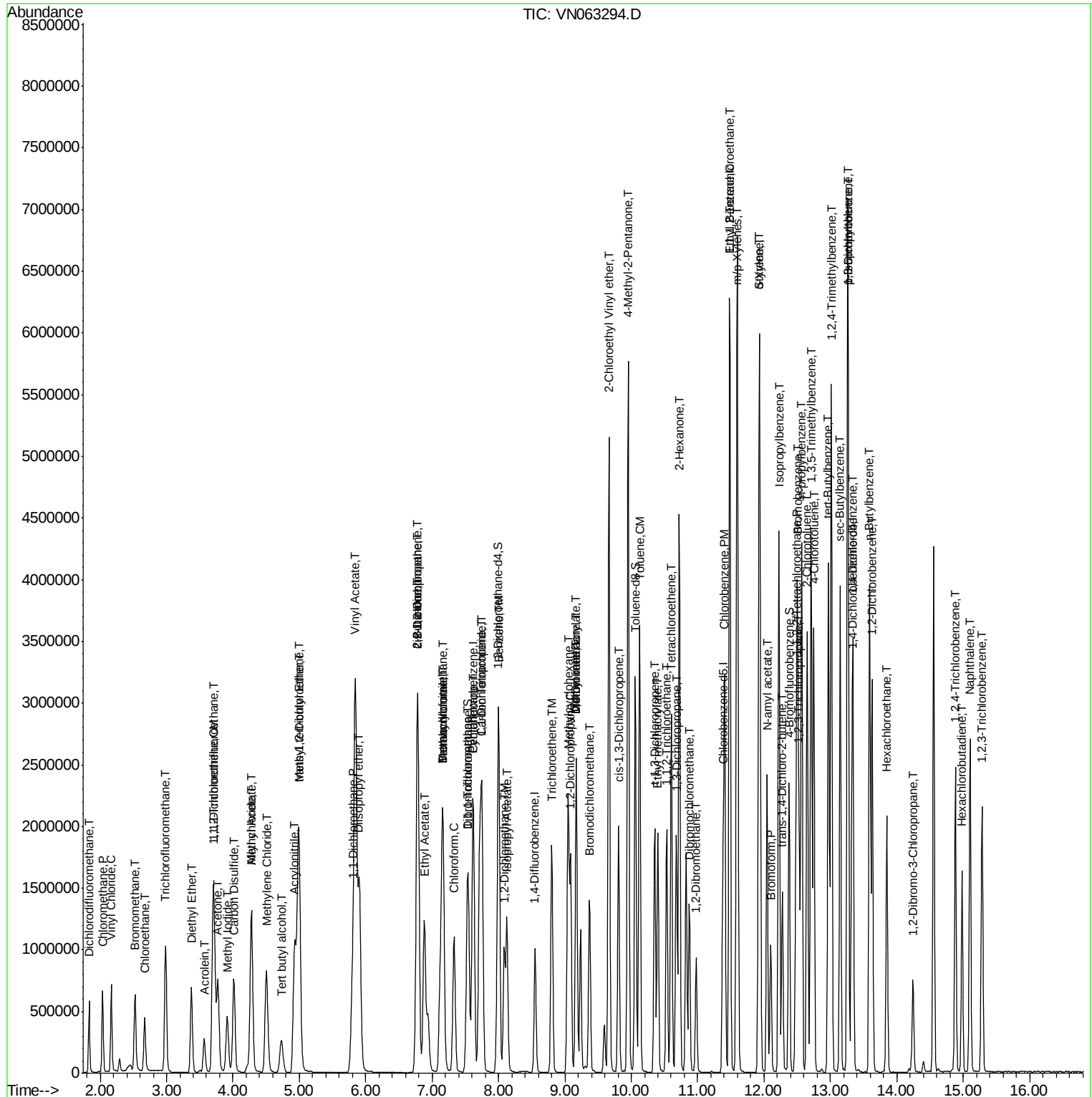
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	694954	106.811	ug/l	99
94) Hexachlorobutadiene	14.98	225	267766	108.887	ug/l	99
95) Naphthalene	15.10	128	2188529	102.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	653778	103.152	ug/l	100

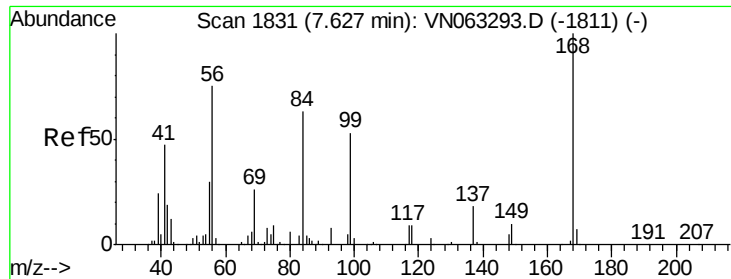
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
Data File : VN063294.D
Acq On : 10 Sep 2020 14:20
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Sep 10 14:55:37 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampled :

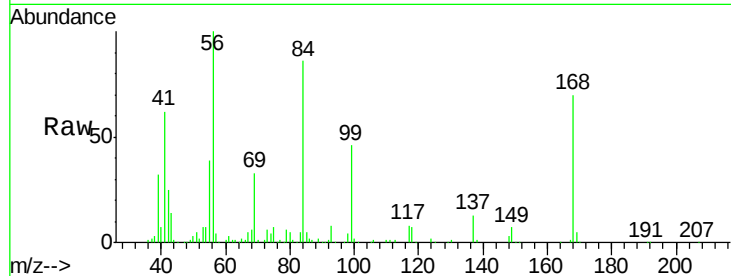
VSTDIC100

Tgt Ion:168 Resp: 482417

Ion Ratio Lower Upper

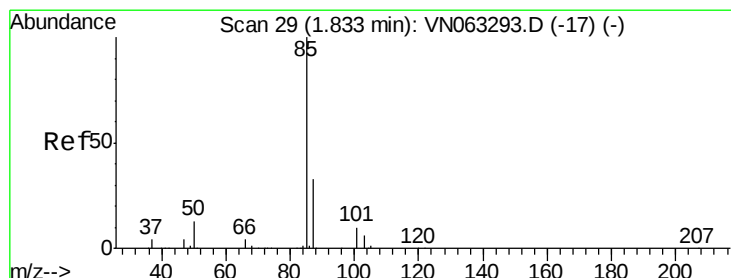
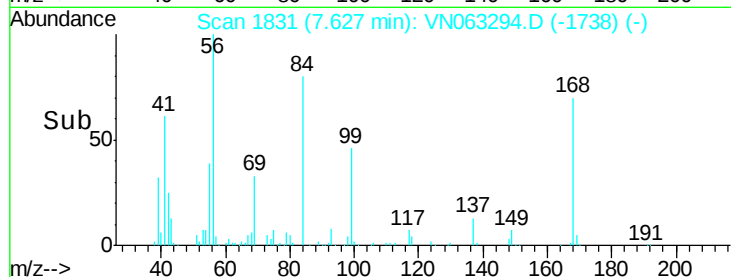
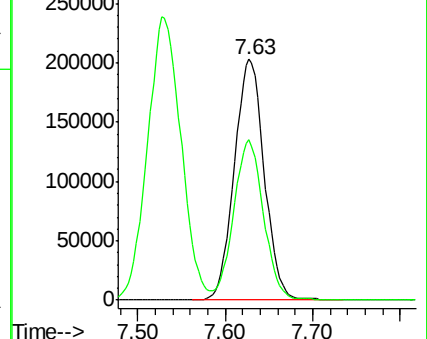
168 100

99 66.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 92.399 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063294.D

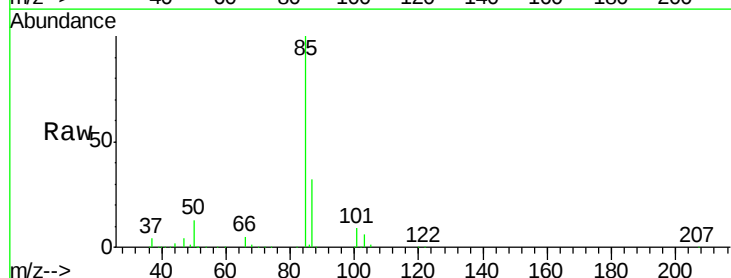
Acq: 10 Sep 2020 14:20

Tgt Ion: 85 Resp: 434636

Ion Ratio Lower Upper

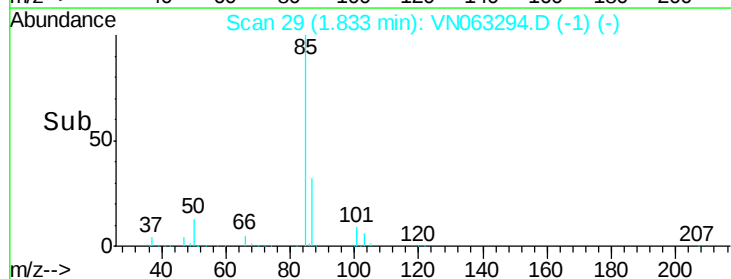
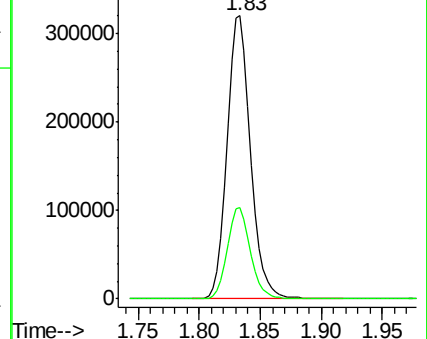
85 100

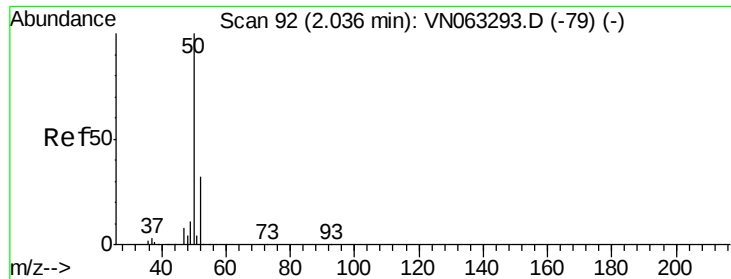
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 89.110 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

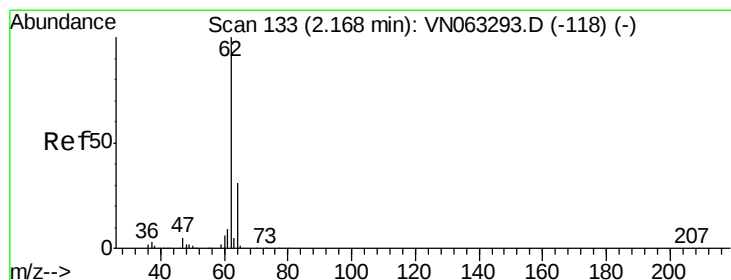
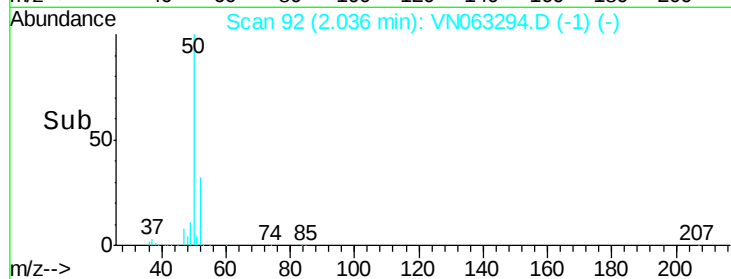
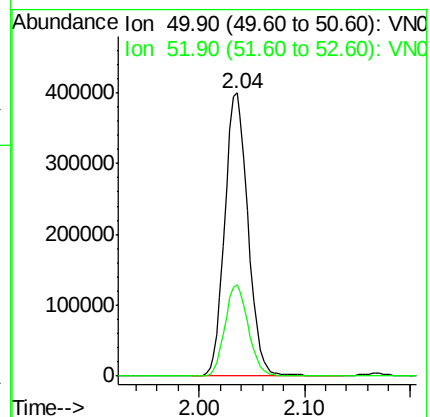
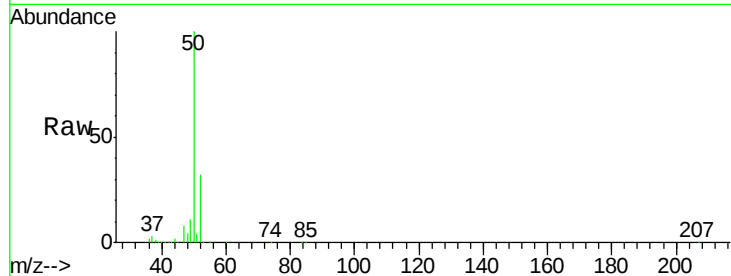
VSTDIC100

Tgt Ion: 50 Resp: 610056

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 84.413 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063294.D

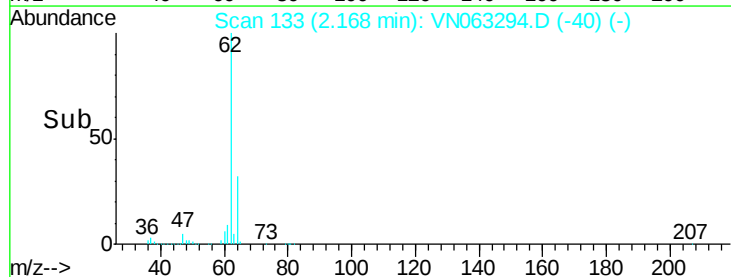
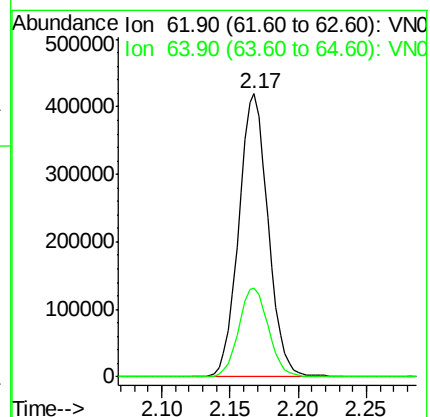
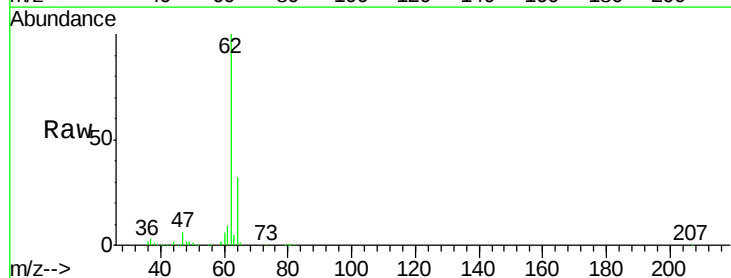
Acq: 10 Sep 2020 14:20

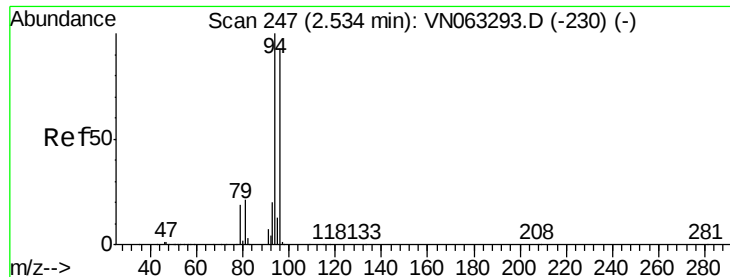
Tgt Ion: 62 Resp: 626353

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 71.222 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

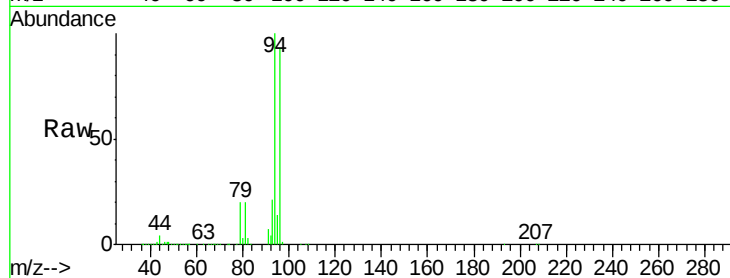
VSTDIC100

Tgt Ion: 94 Resp: 426316

Ion Ratio Lower Upper

94 100

96 92.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN063294.D (-154) (-)

Ion 95.90 (95.60 to 96.60): VN063294.D (-154) (-)

2.52

200000

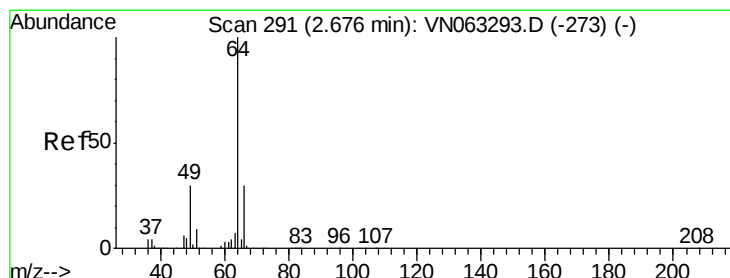
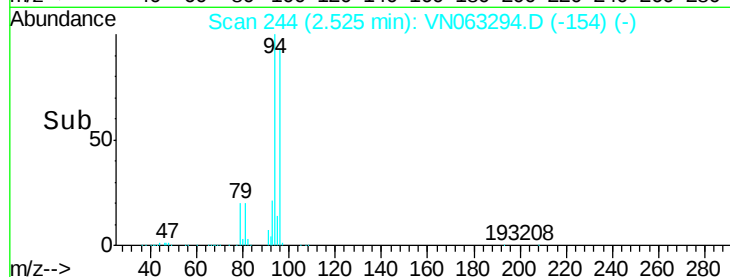
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 71.484 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063294.D

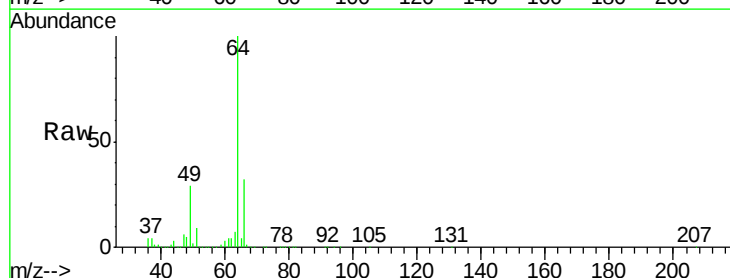
Acq: 10 Sep 2020 14:20

Tgt Ion: 64 Resp: 405534

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN063294.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN063294.D (-198) (-)

2.67

200000

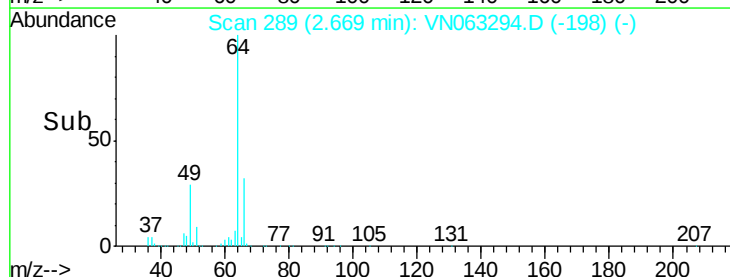
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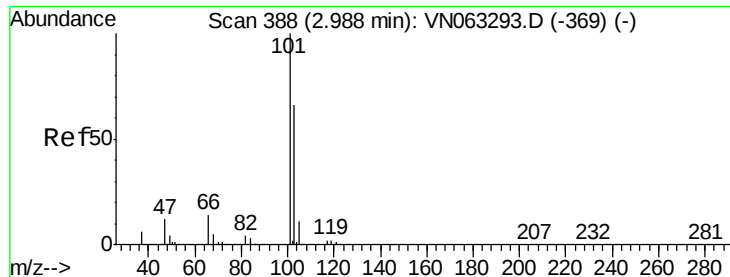
100000

50000

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Time-->



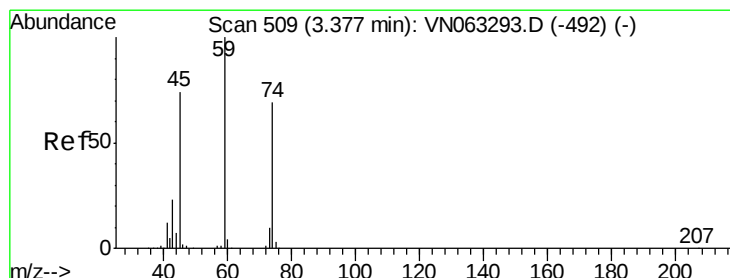
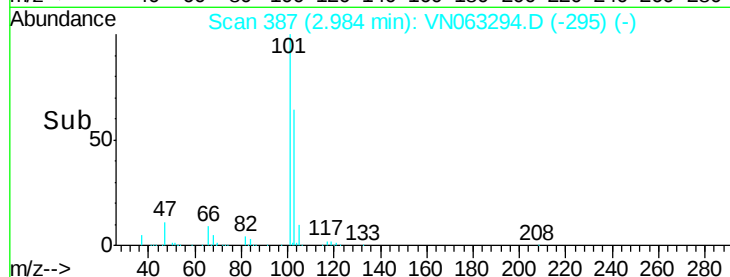
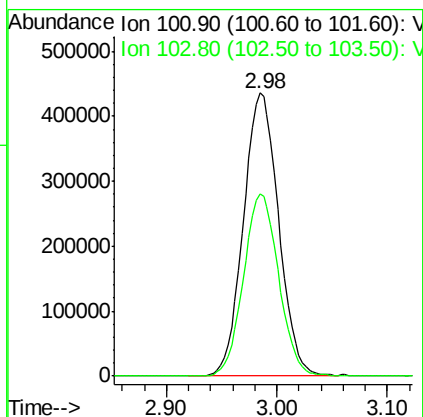
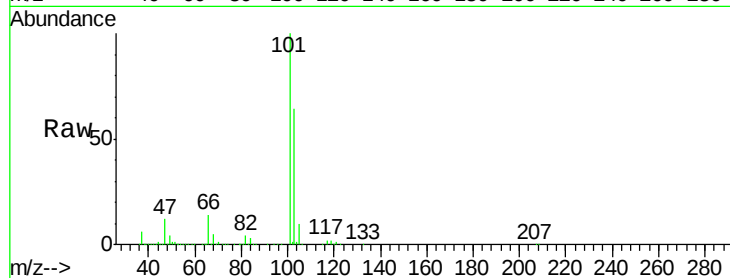


#7

Trichlorofluoromethane
Concen: 85.984 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
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ClientSampleId :
VSTDIC100

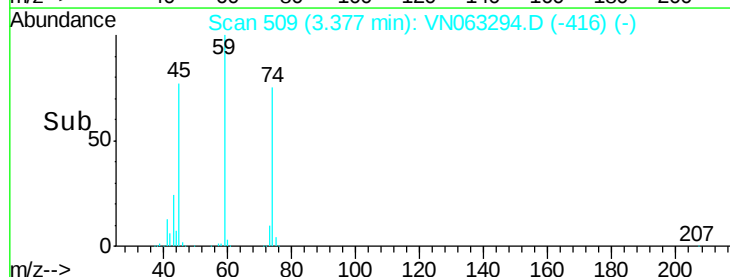
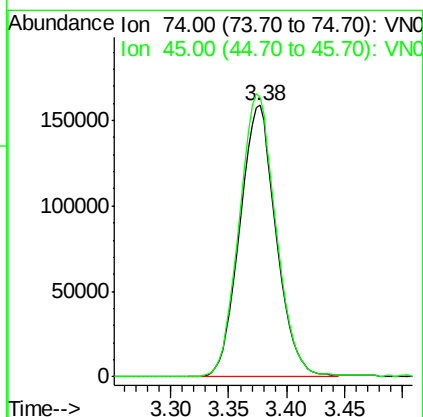
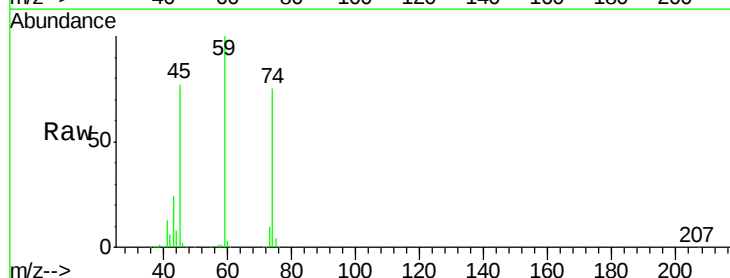
Tgt Ion: 101 Resp: 963204
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

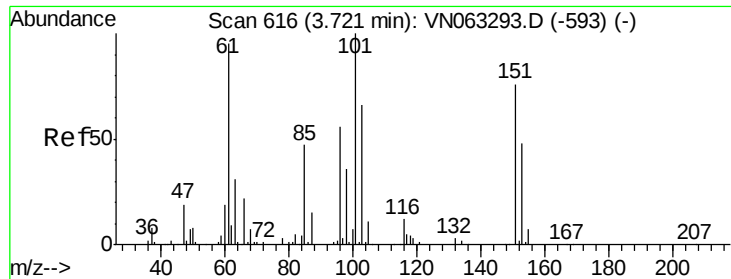


#8

Diethyl Ether
Concen: 95.556 ug/l
RT: 3.38 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 74 Resp: 346836
Ion Ratio Lower Upper
74 100
45 104.9 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.326 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

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ClientSampleId :

VSTDIC100

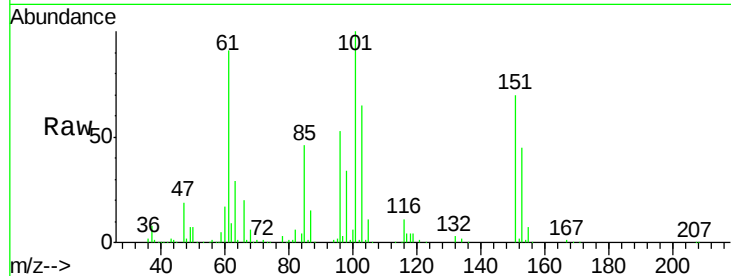
Tgt Ion:101 Resp: 508134

Ion Ratio Lower Upper

101 100

85 46.3 36.9 55.3

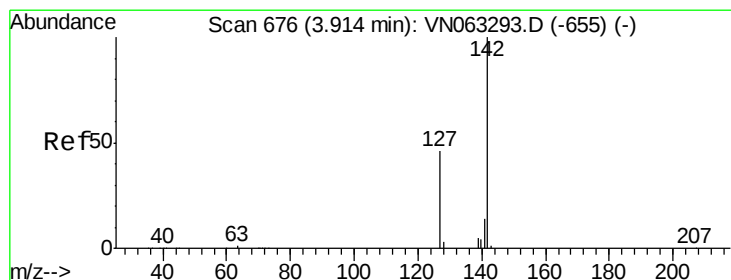
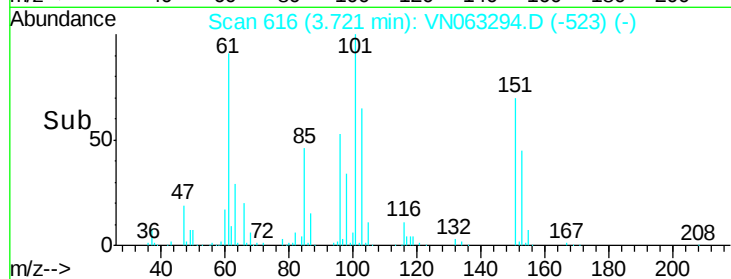
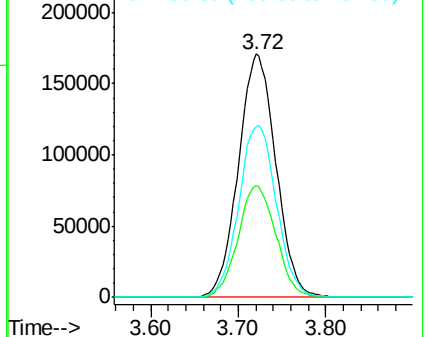
151 71.3 57.8 86.8



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: 104.821 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

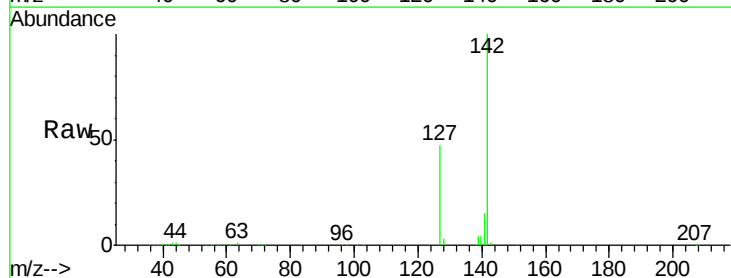
Tgt Ion:142 Resp: 733850

Ion Ratio Lower Upper

142 100

127 46.2 37.1 55.7

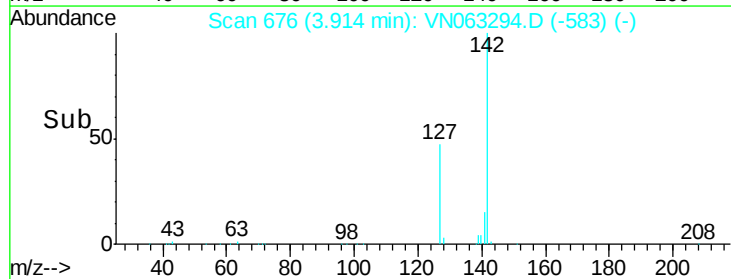
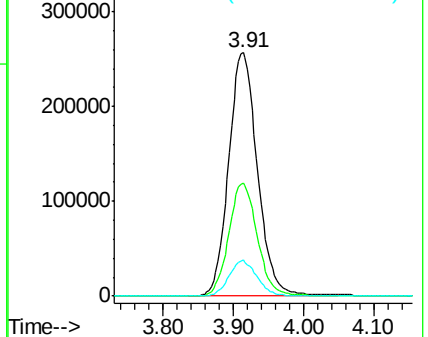
141 14.3 11.6 17.4

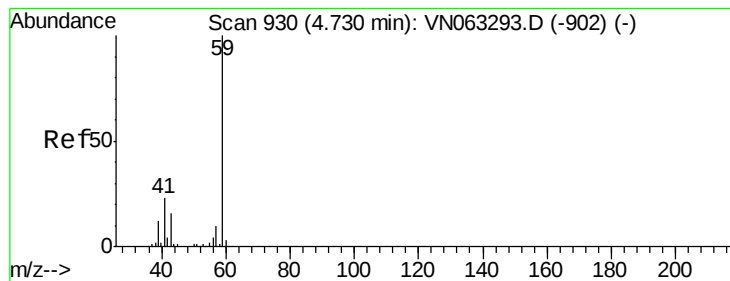


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



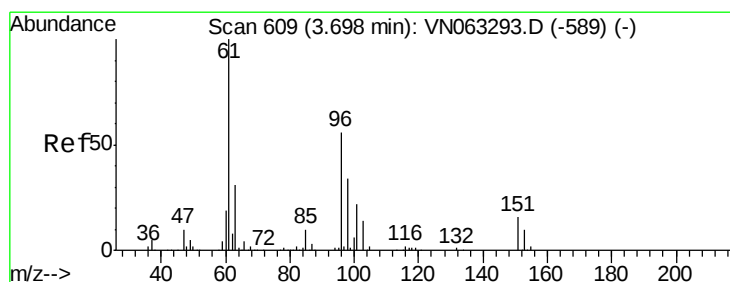
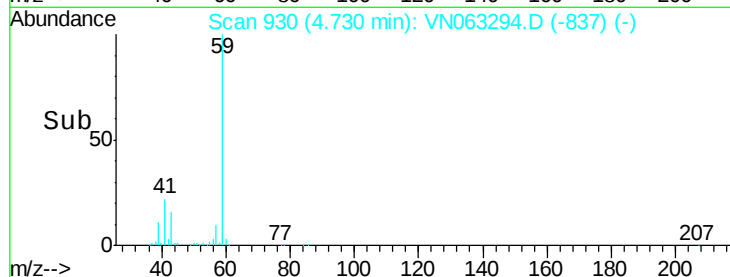
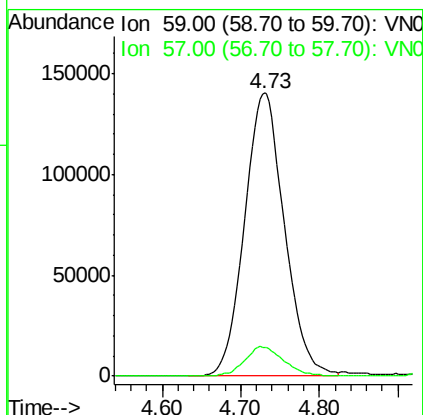
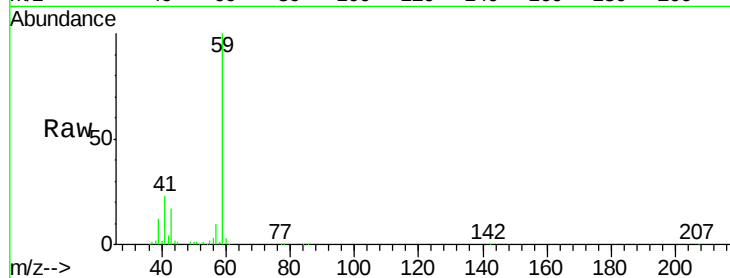


#11

Tert butyl alcohol
Concen: 525.290 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

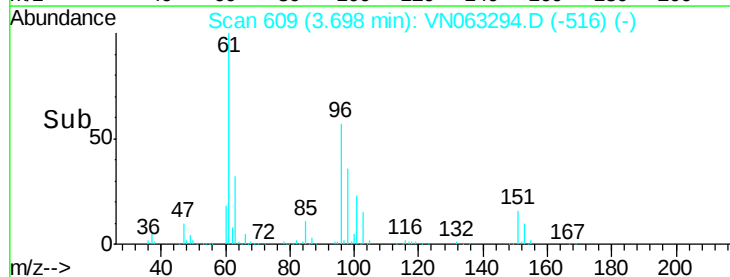
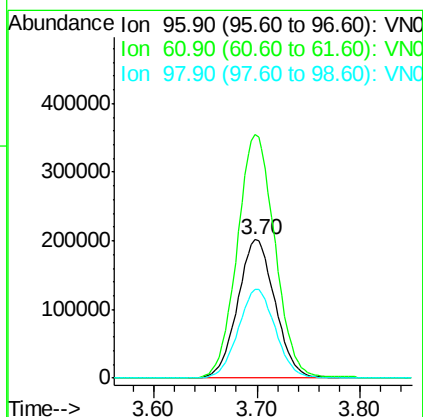
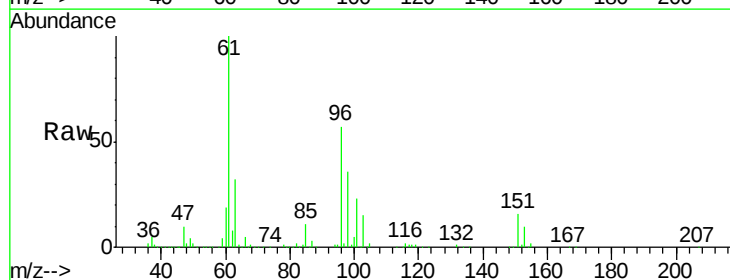
Tgt Ion: 59 Resp: 502148
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

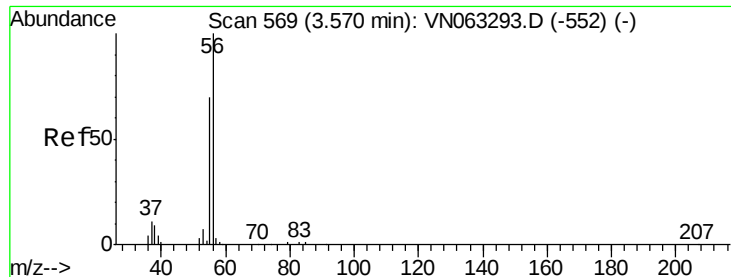


#12

1,1-Dichloroethene
Concen: 97.313 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 96 Resp: 508680
Ion Ratio Lower Upper
96 100
61 176.2 142.1 213.1
98 64.0 48.8 73.2





#13

Acrolein

Concen: 864.056 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

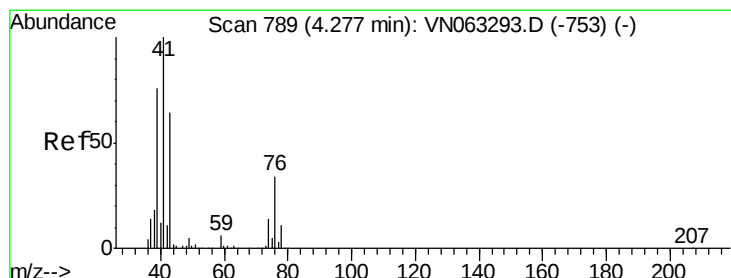
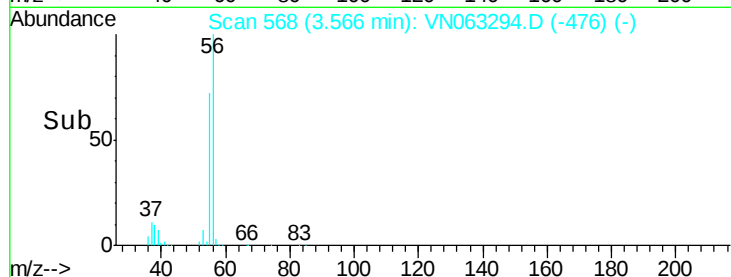
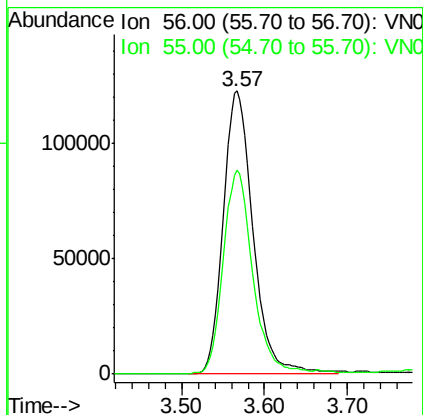
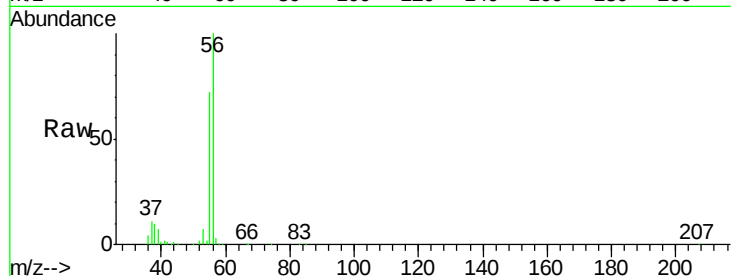
VSTDIC100

Tgt Ion: 56 Resp: 307477

Ion Ratio Lower Upper

56 100

55 70.4 57.2 85.8



#14

Allyl chloride

Concen: 108.589 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

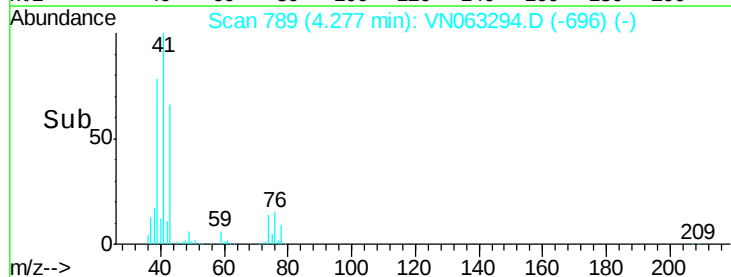
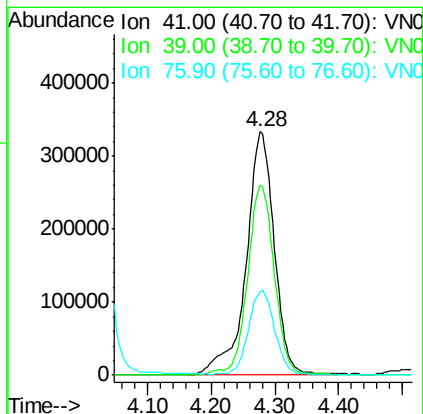
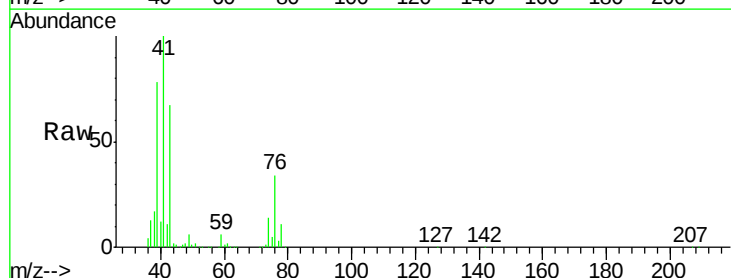
Tgt Ion: 41 Resp: 1022918

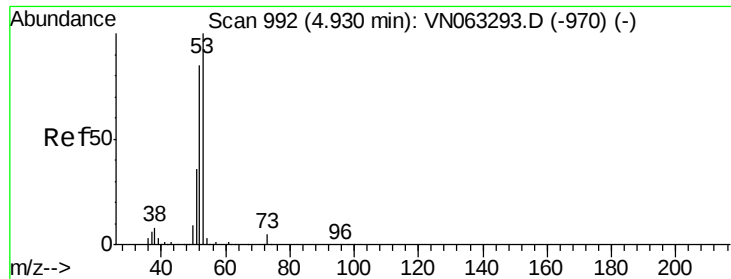
Ion Ratio Lower Upper

41 100

39 73.9 57.4 86.2

76 31.9 25.7 38.5





#15

Acrylonitrile

Concen: 550.412 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

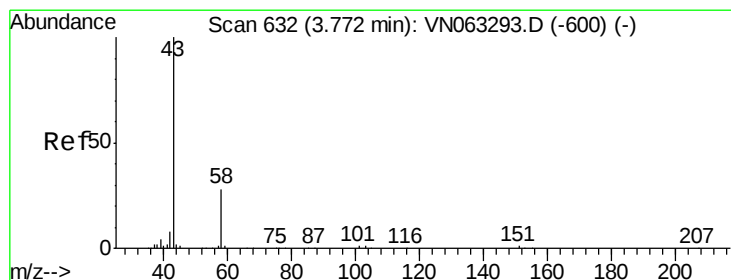
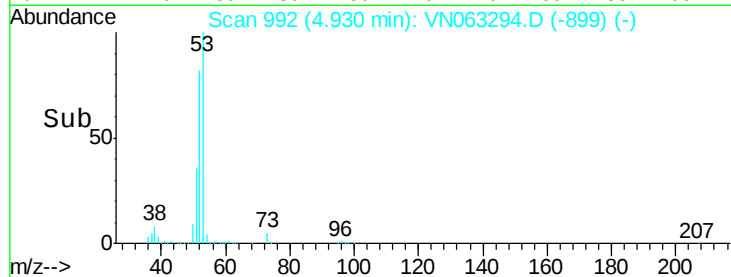
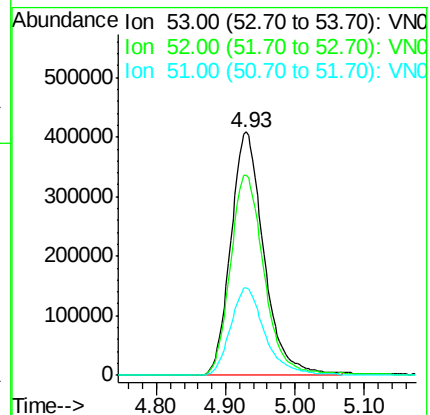
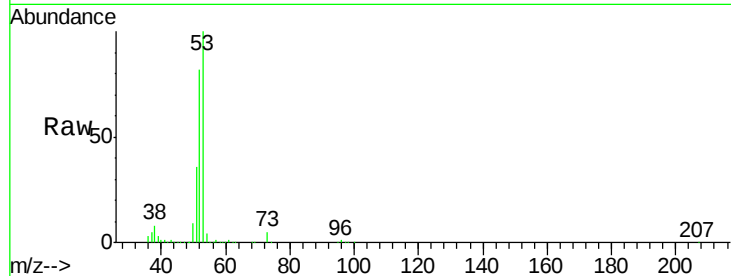
Tgt Ion: 53 Resp: 1360841

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

51 37.5 29.8 44.6



#16

Acetone

Concen: 531.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063294.D

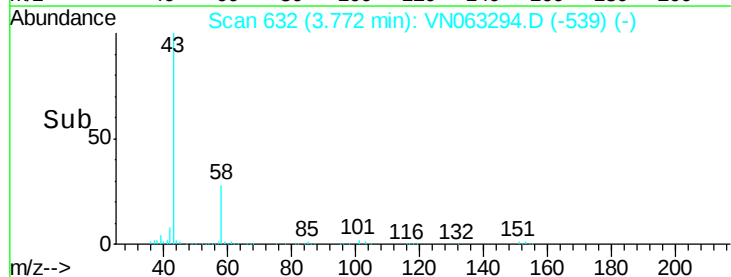
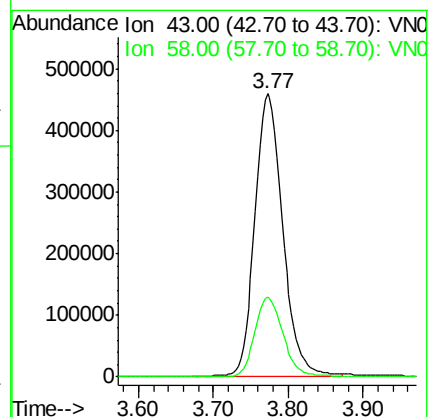
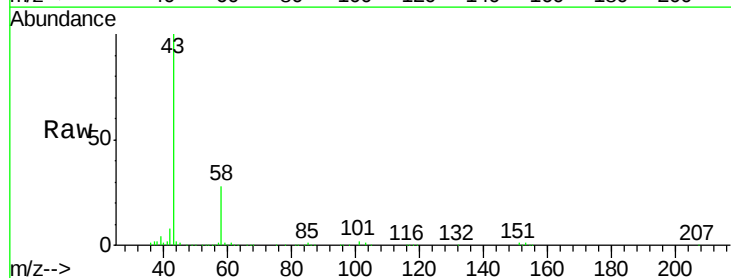
Acq: 10 Sep 2020 14:20

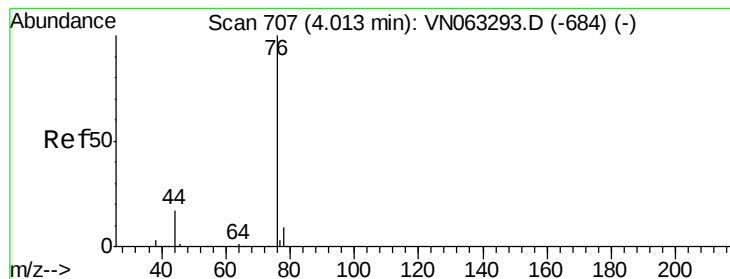
Tgt Ion: 43 Resp: 1198593

Ion Ratio Lower Upper

43 100

58 28.2 22.6 34.0





#17

Carbon Disulfide

Concen: 94.940 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

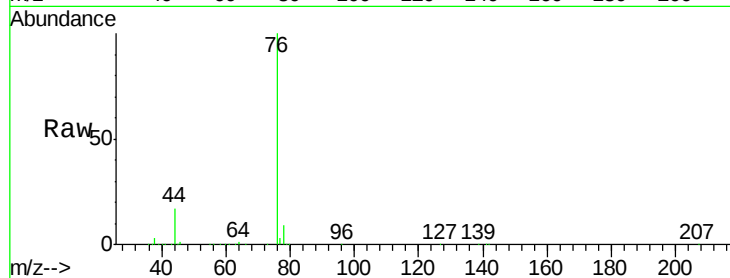
VSTDIC100

Tgt Ion: 76 Resp: 1479916

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

600000

500000

400000

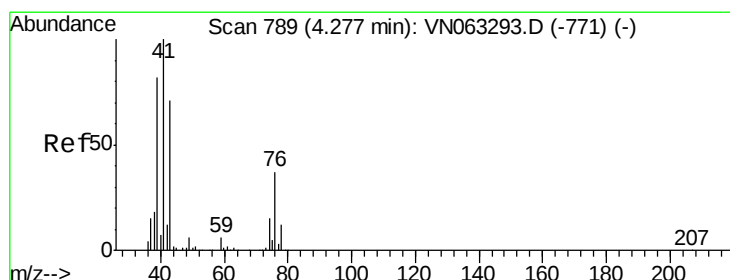
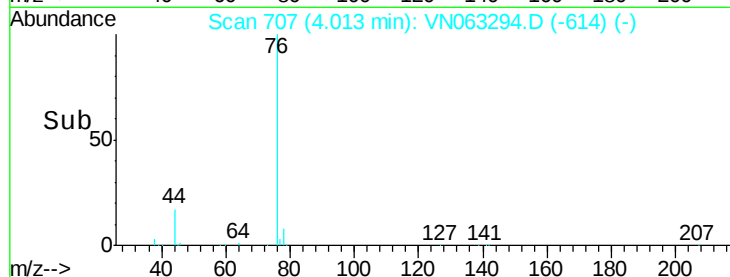
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 109.886 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063294.D

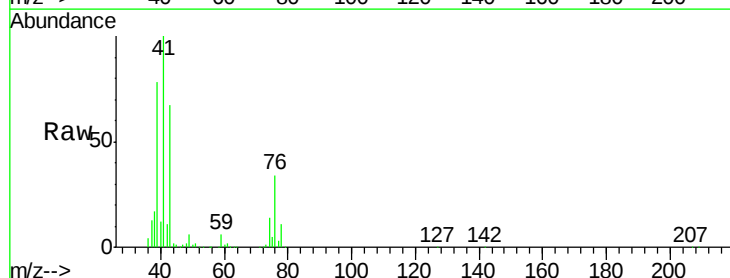
Acq: 10 Sep 2020 14:20

Tgt Ion: 43 Resp: 631861

Ion Ratio Lower Upper

43 100

74 21.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

250000

200000

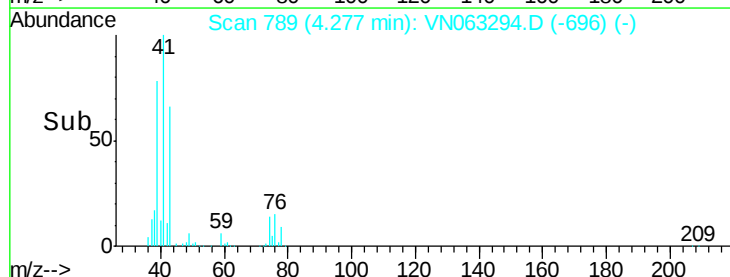
150000

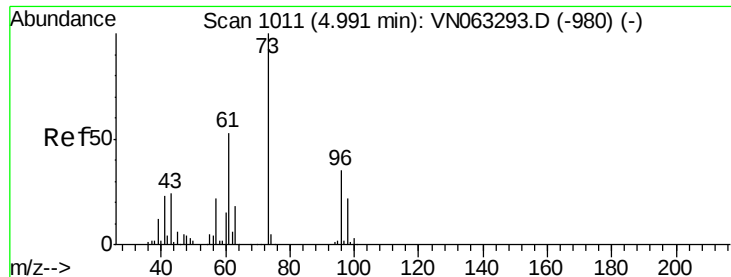
100000

50000

0

Time-->

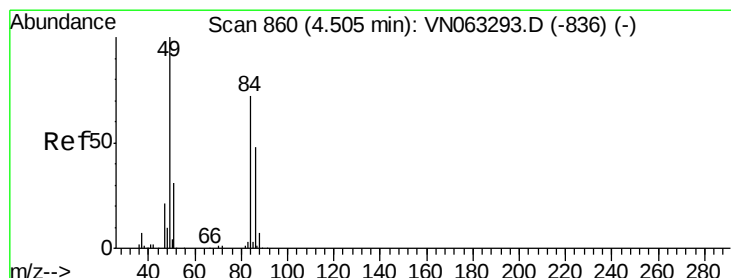
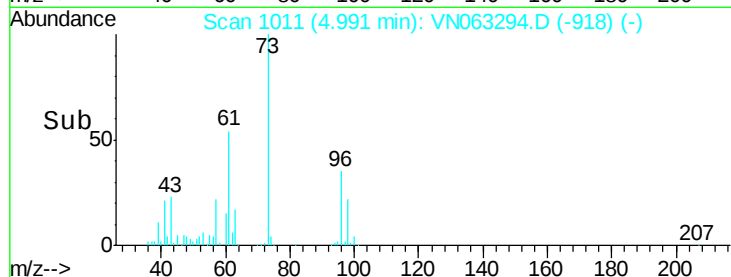
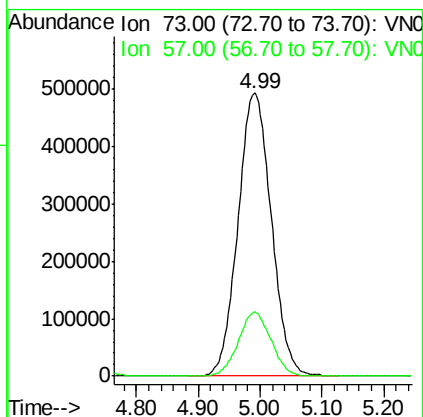
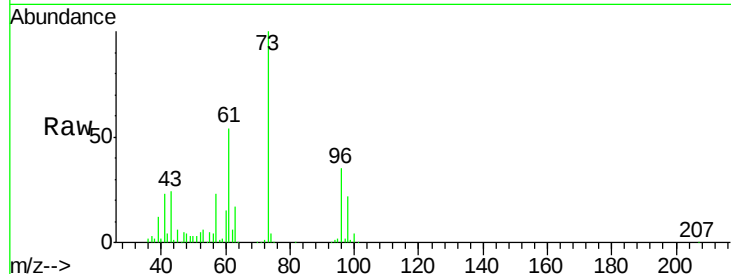




#19
Methyl tert-butyl Ether
Concen: 95.815 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

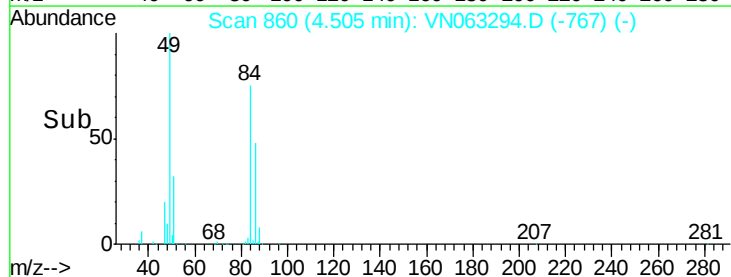
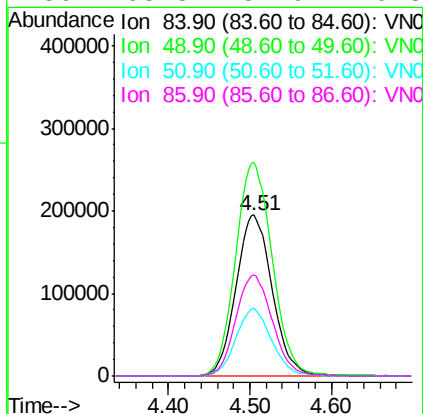
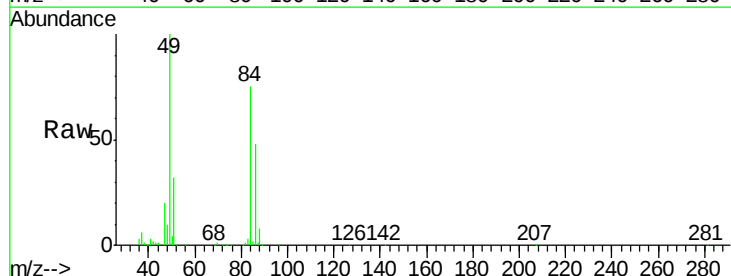
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

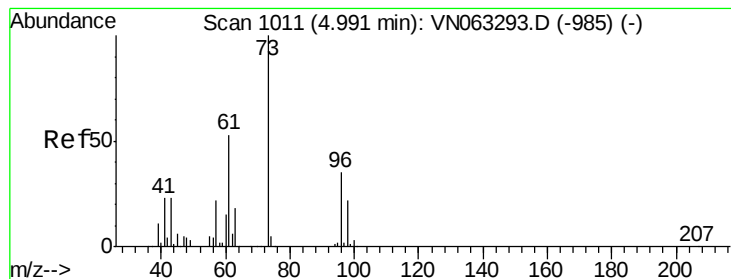
Tgt Ion: 73 Resp: 1846590
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 89.405 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 84 Resp: 598849
Ion Ratio Lower Upper
84 100
49 132.8 111.1 166.7
51 42.1 34.3 51.5
86 63.3 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 98.162 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

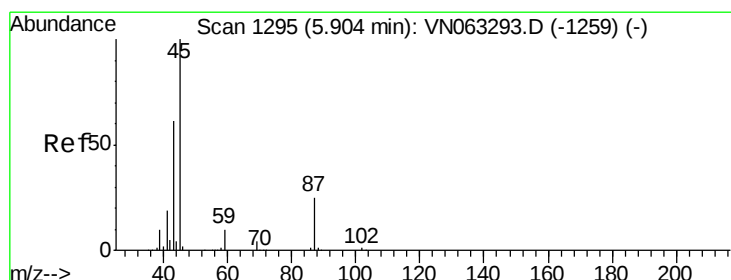
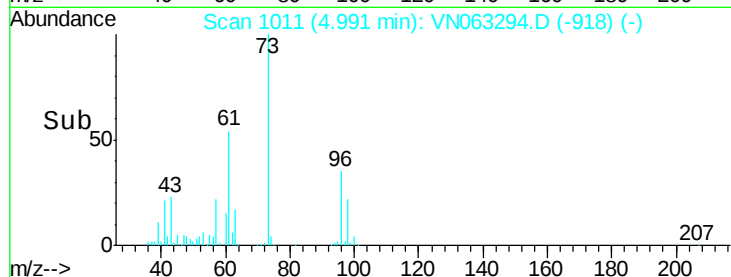
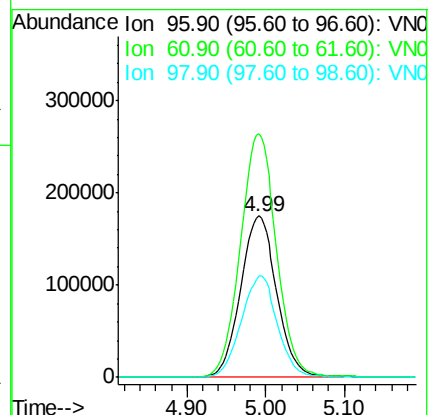
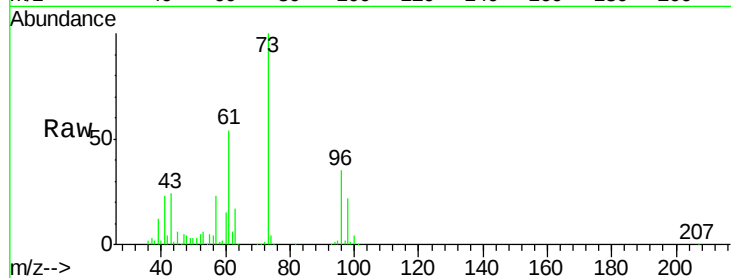
Tgt Ion: 96 Resp: 563638

Ion Ratio Lower Upper

96 100

61 150.8 121.8 182.8

98 62.6 51.2 76.8



#22

Diisopropyl ether

Concen: 99.687 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion: 45 Resp: 2081771

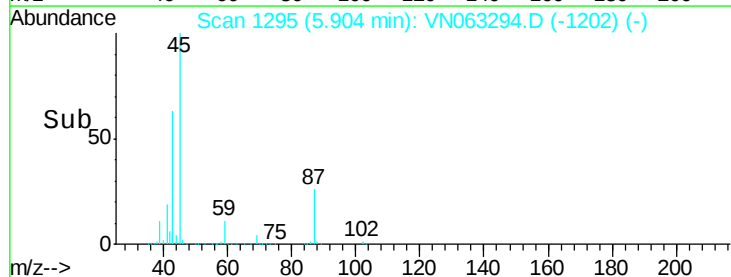
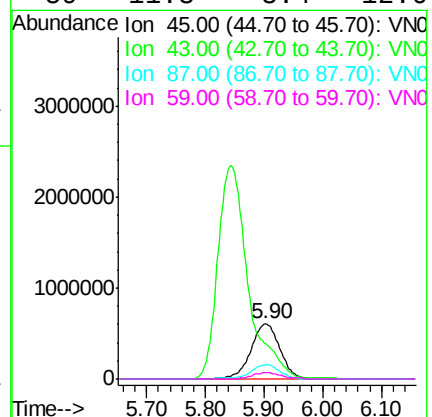
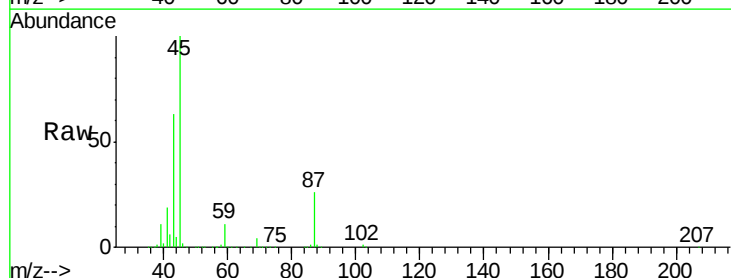
Ion Ratio Lower Upper

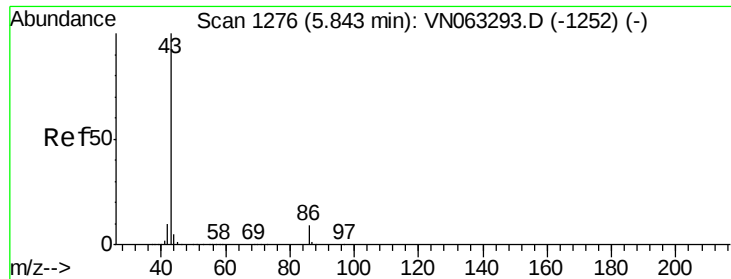
45 100

43 62.4 50.3 75.5

87 26.3 20.7 31.1

59 11.3 8.4 12.6

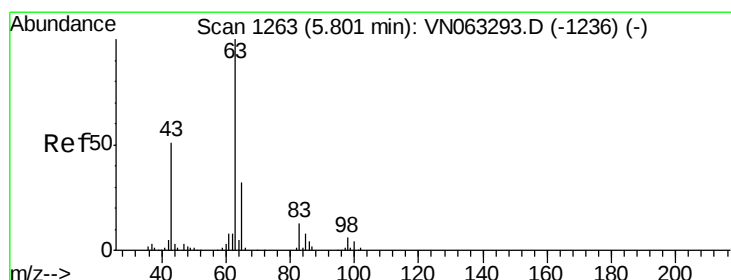
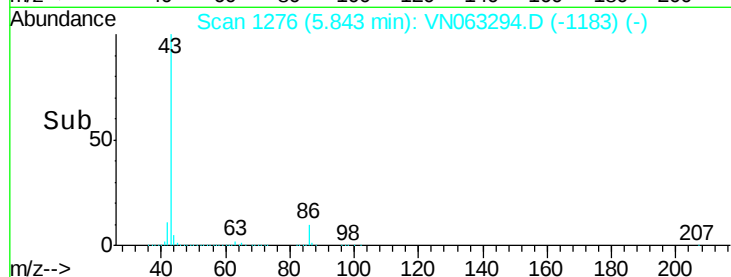
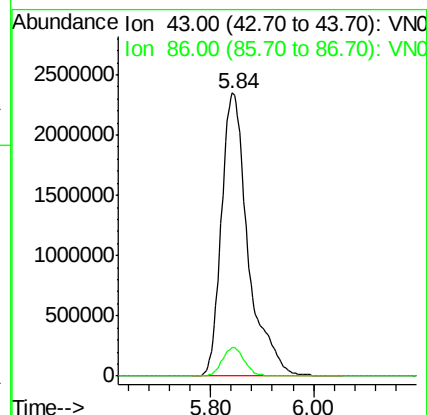
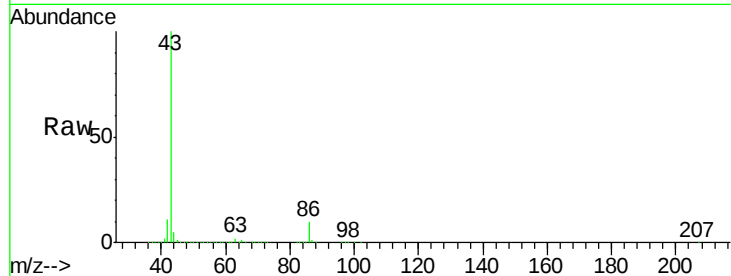




#23
 Vinyl Acetate
 Concen: 508.186 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

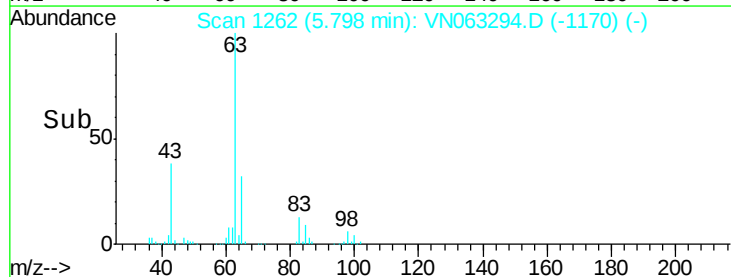
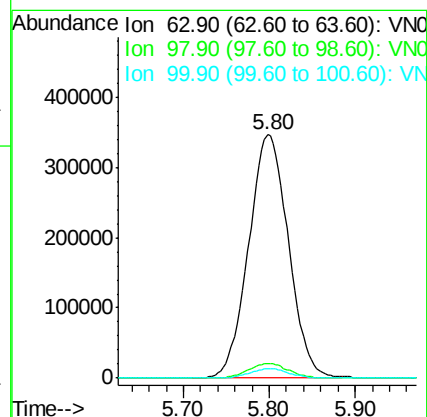
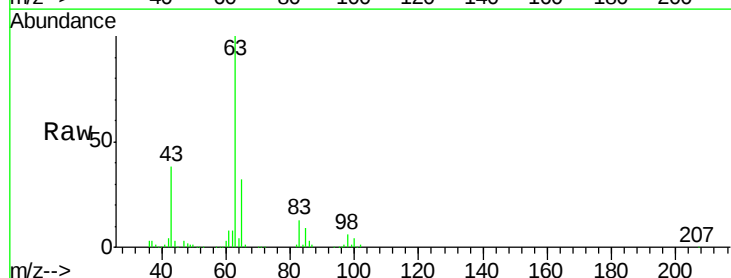
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

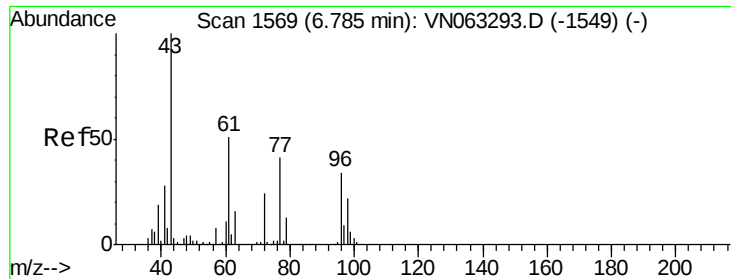
Tgt Ion: 43 Resp: 8442990
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 97.288 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 63 Resp: 1115049
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 3.8 2.0 6.0

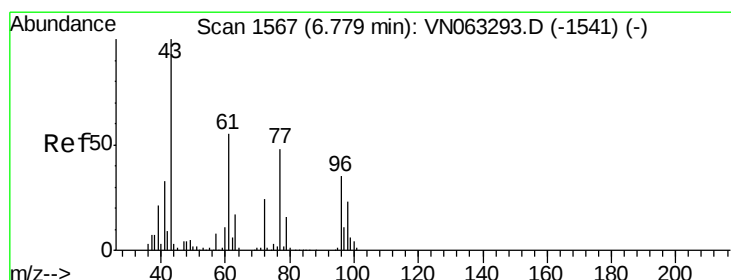
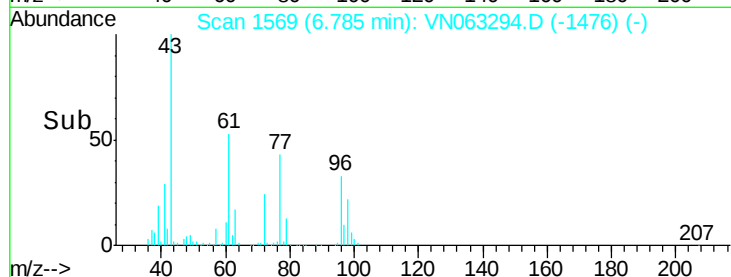
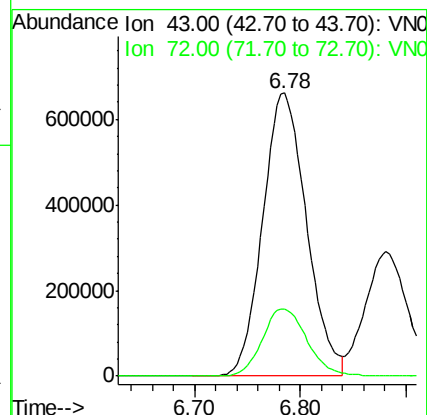
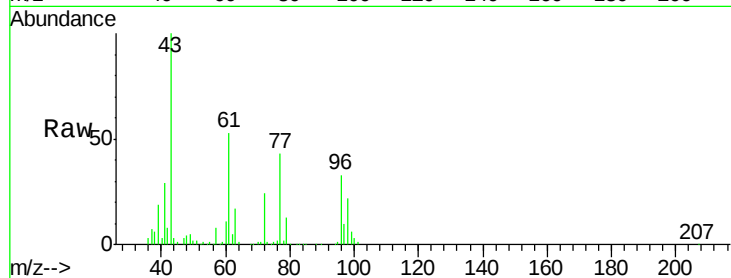




#25
2-Butanone
Concen: 548.991 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

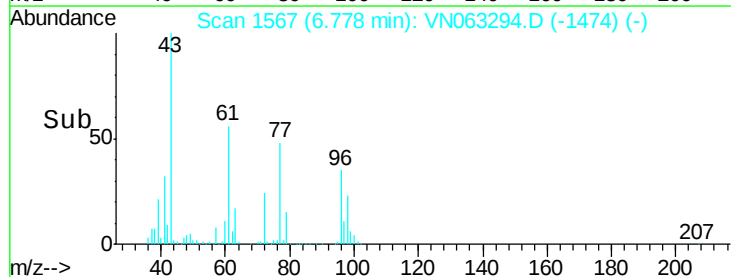
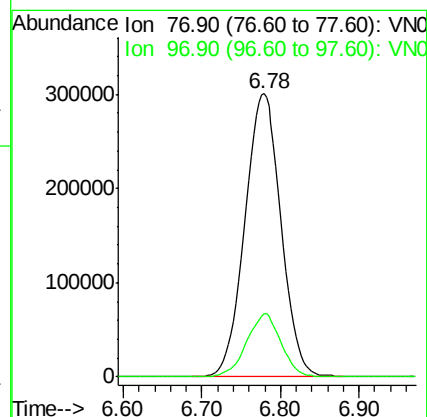
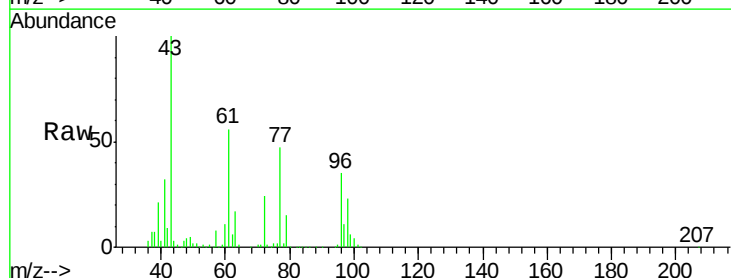
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

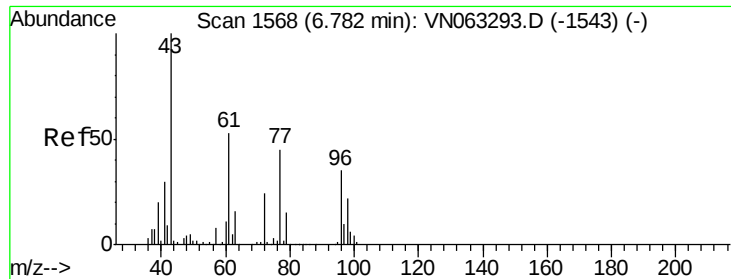
Tgt Ion: 43 Resp: 1903377
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 93.524 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 77 Resp: 972897
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 93.518 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

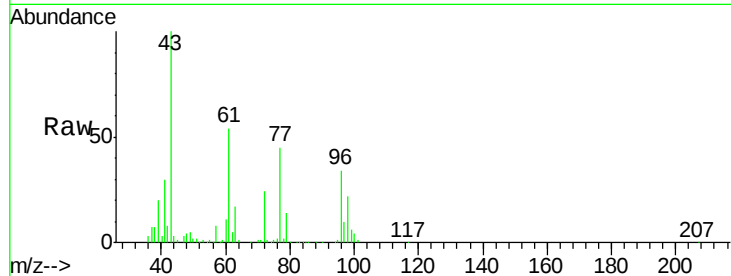
Tgt Ion: 96 Resp: 652696

Ion Ratio Lower Upper

96 100

61 161.2 0.0 322.8

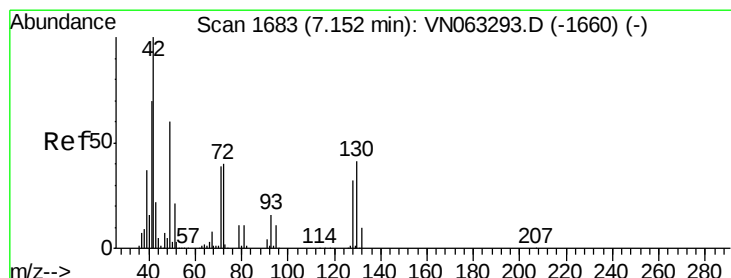
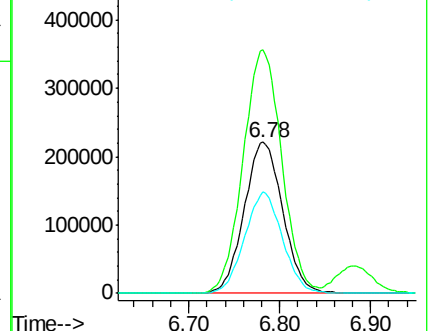
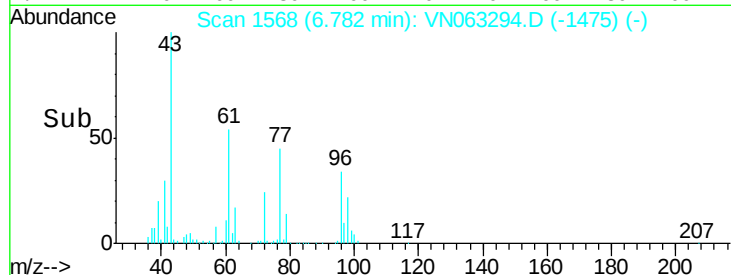
98 65.8 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063294.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063294.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063294.D (-1475) (-)



#28

Bromochloromethane

Concen: 94.136 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

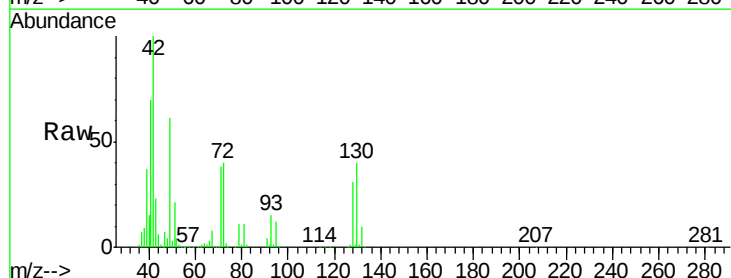
Tgt Ion: 49 Resp: 552385

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

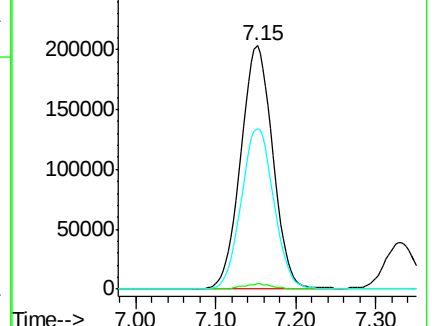
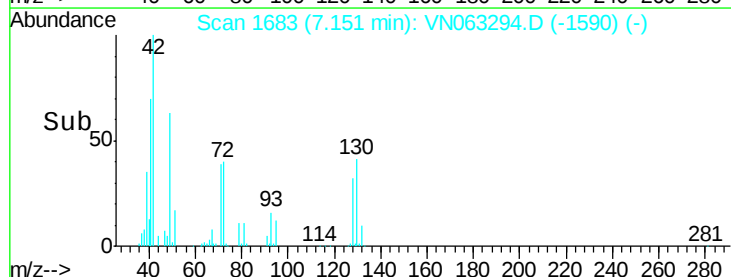
130 66.6 53.1 79.7

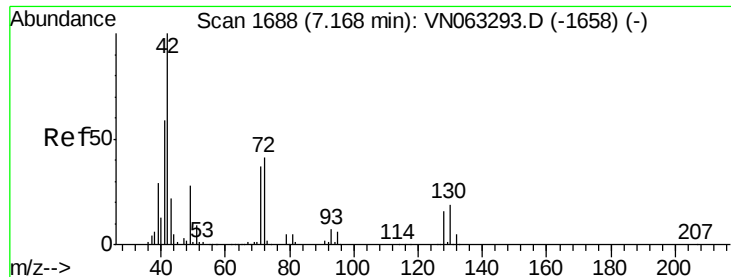


Abundance Ion 48.90 (48.60 to 49.60): VN063294.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063294.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063294.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 525.354 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

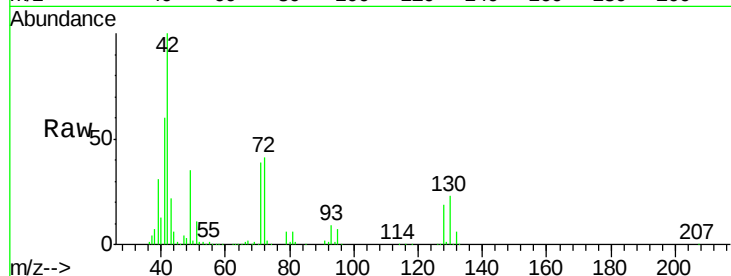
Tgt Ion: 42 Resp: 1254107

Ion Ratio Lower Upper

42 100

72 40.4 31.4 47.2

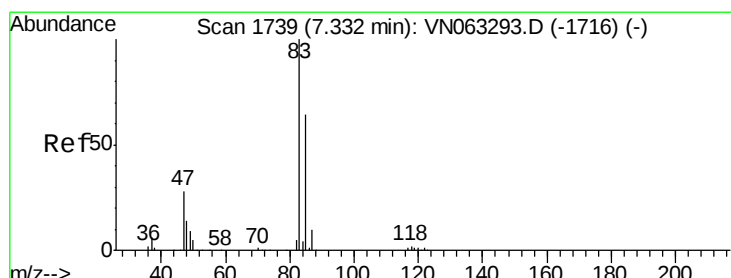
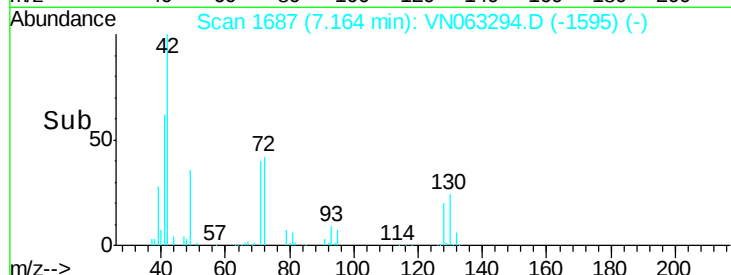
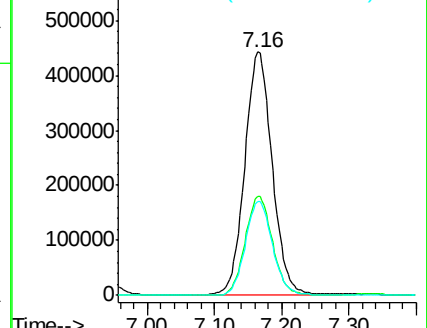
71 38.2 30.0 45.0



Abundance Ion 42.00 (41.70 to 42.70): VN063293.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063293.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063293.D (-1658) (-)



#30

Chloroform

Concen: 94.829 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063294.D

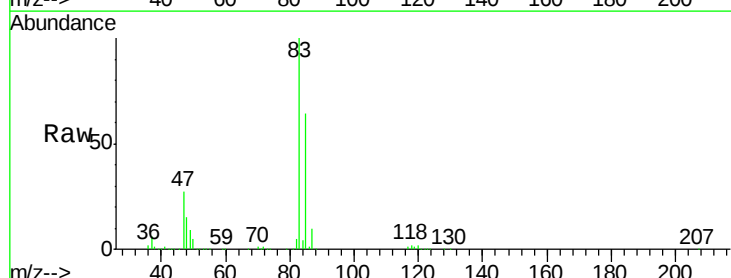
Acq: 10 Sep 2020 14:20

Tgt Ion: 83 Resp: 1132765

Ion Ratio Lower Upper

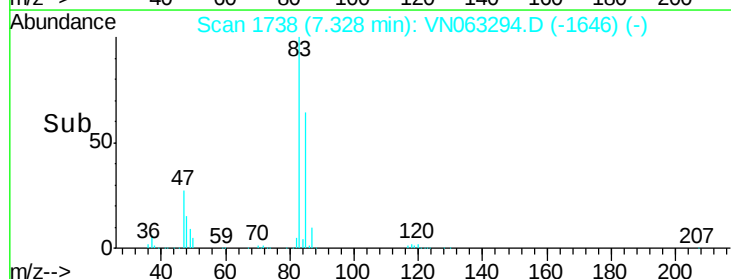
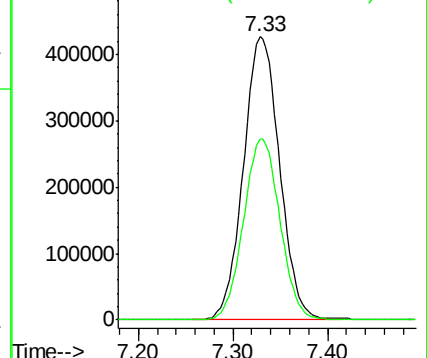
83 100

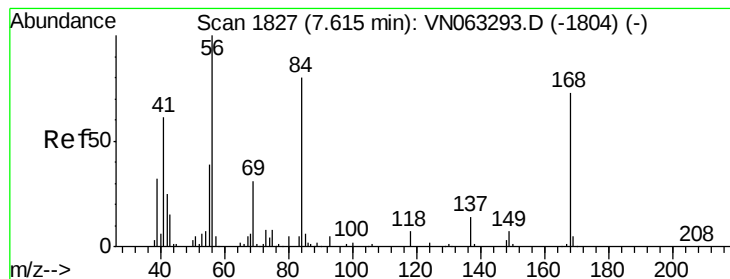
85 64.1 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN063293.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063293.D (-1716) (-)





#31

Cyclohexane

Concen: 91.855 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

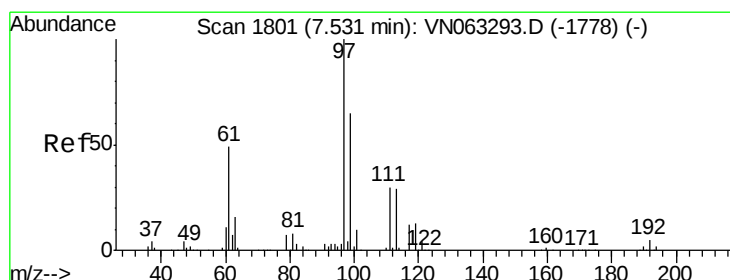
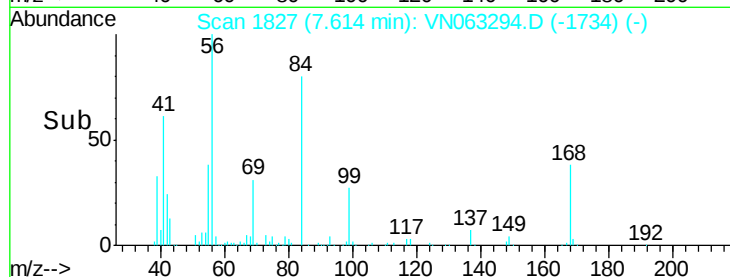
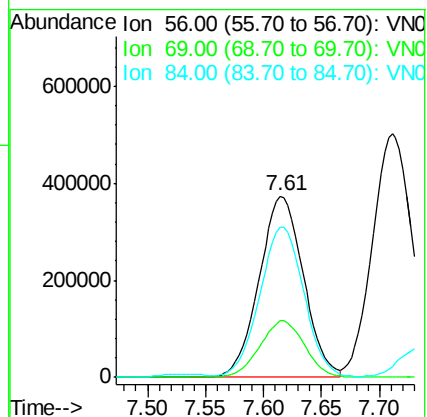
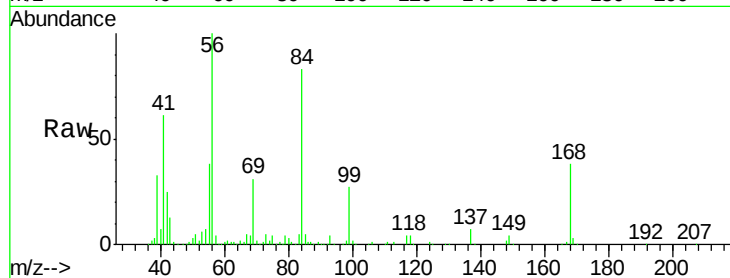
Tgt Ion: 56 Resp: 989445

Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 81.4 64.2 96.2



#32

1,1,1-Trichloroethane

Concen: 96.593 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

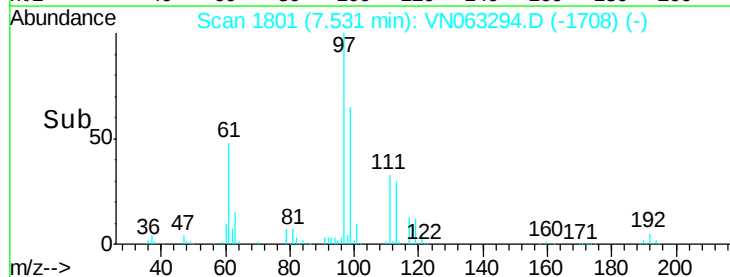
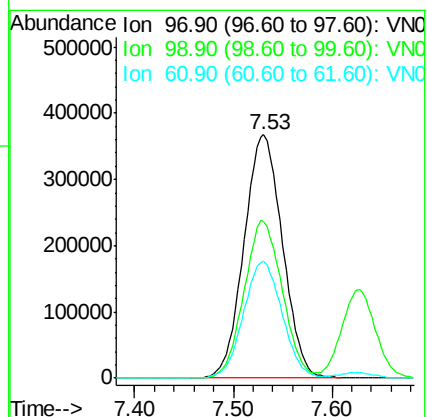
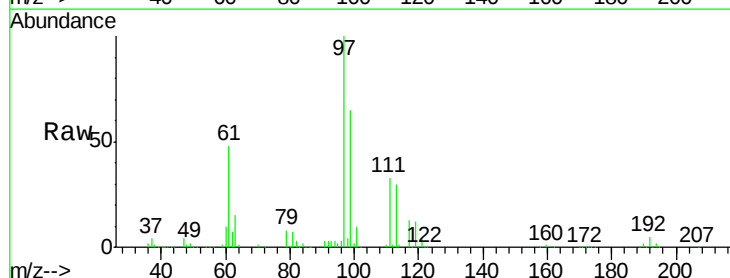
Tgt Ion: 97 Resp: 991278

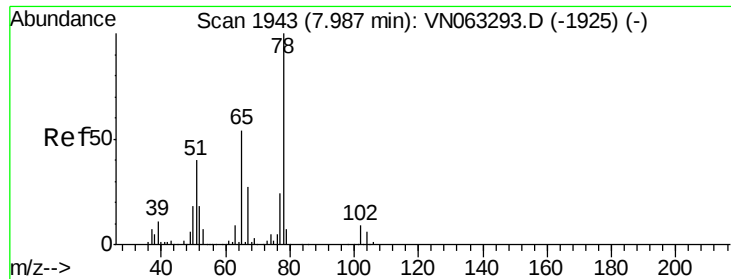
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.2

61 48.1 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 98.285 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

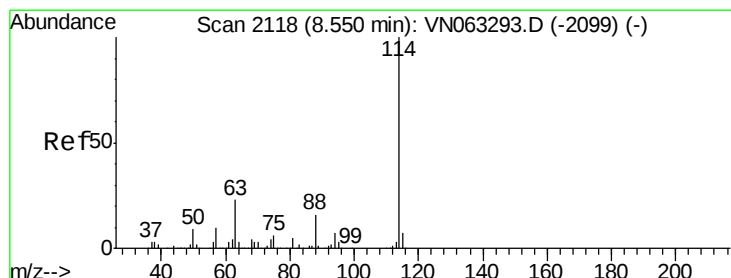
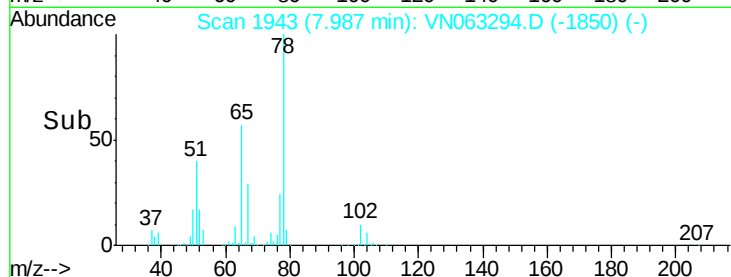
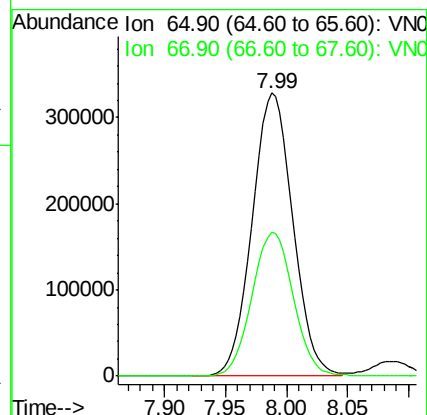
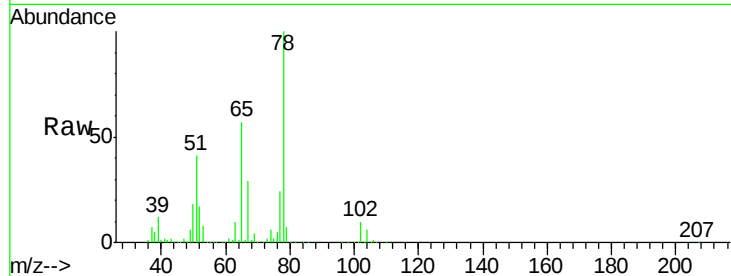
VSTDIC100

Tgt Ion: 65 Resp: 759067

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

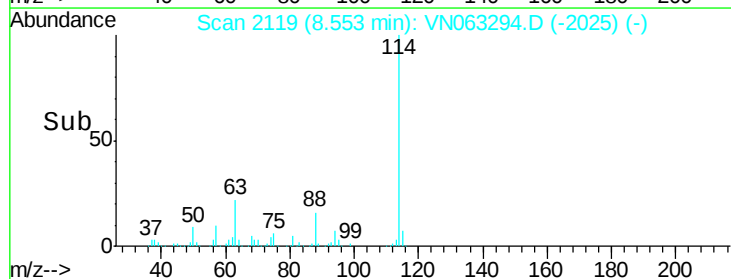
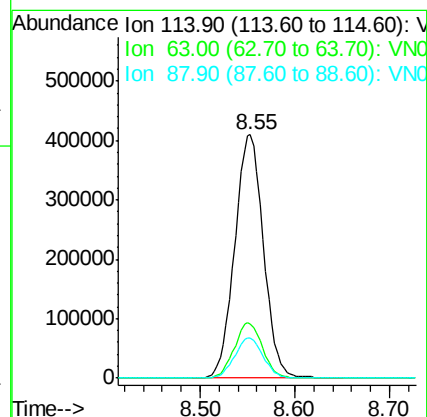
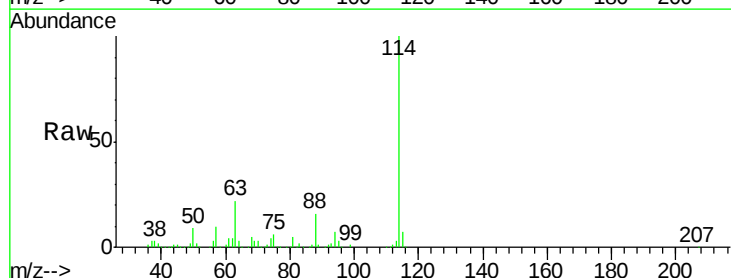
Tgt Ion: 114 Resp: 864352

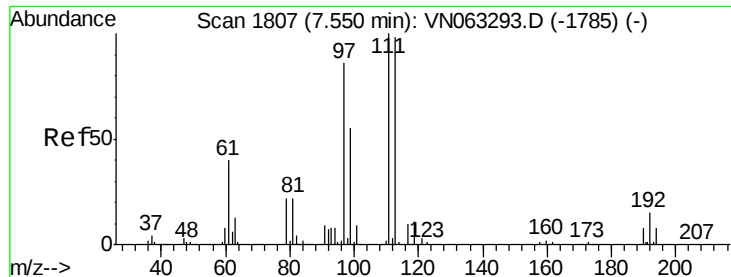
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.0

88 16.3 0.0 32.8

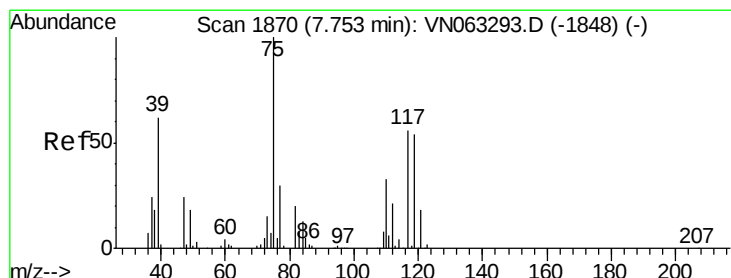
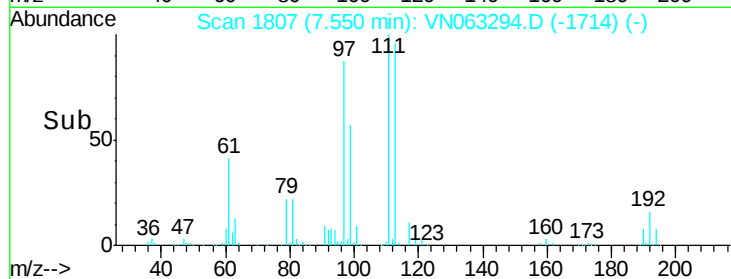
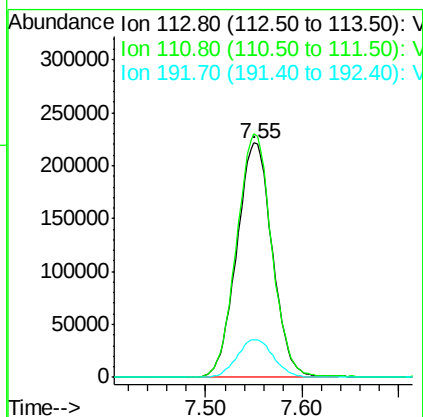
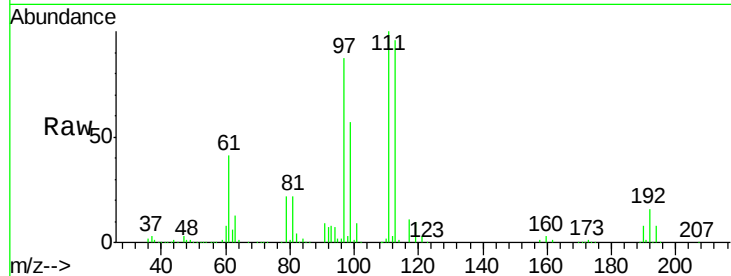




#35
 Dibromofluoromethane
 Concen: 102.888 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

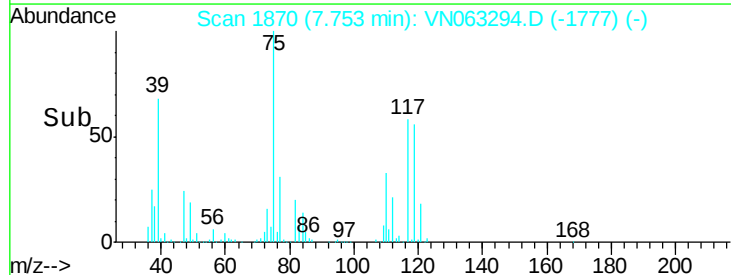
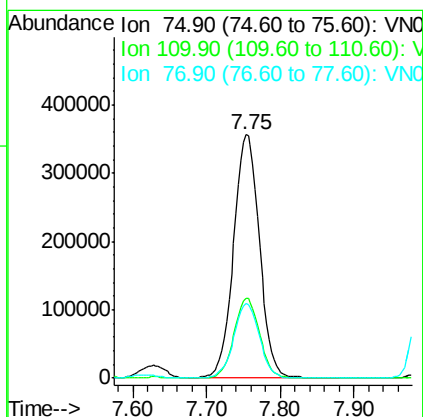
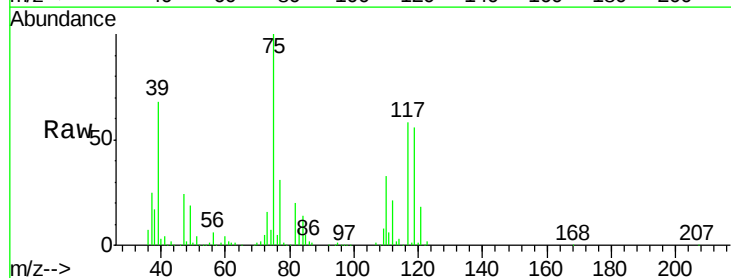
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

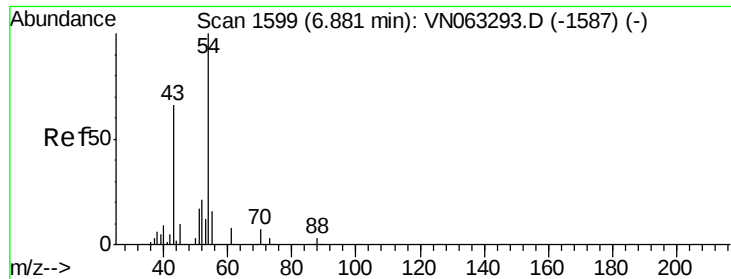
Tgt Ion:113 Resp: 565640
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 16.5 12.9 19.3



#36
 1,1-Dichloropropene
 Concen: 104.436 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 75 Resp: 868394
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.4 49.4
 77 30.7 24.8 37.2

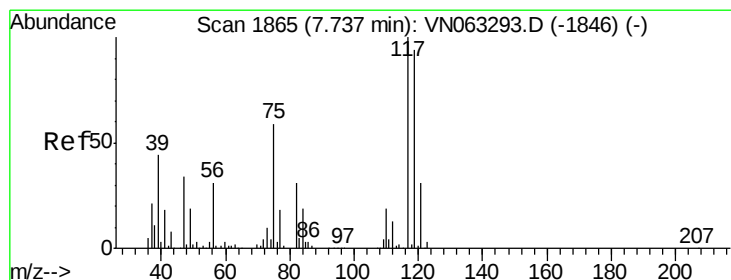
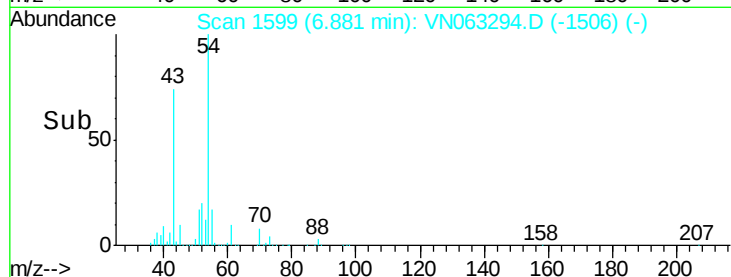
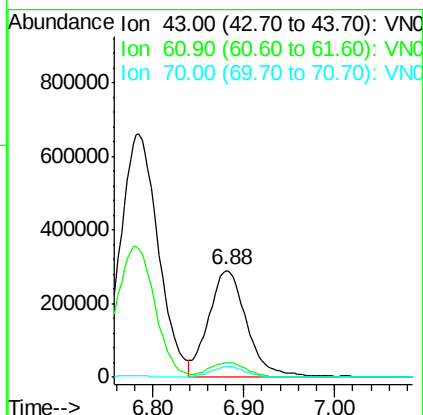
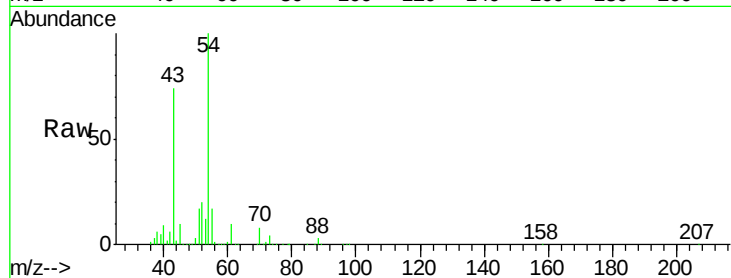




#37
 Ethyl Acetate
 Concen: 116.820 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

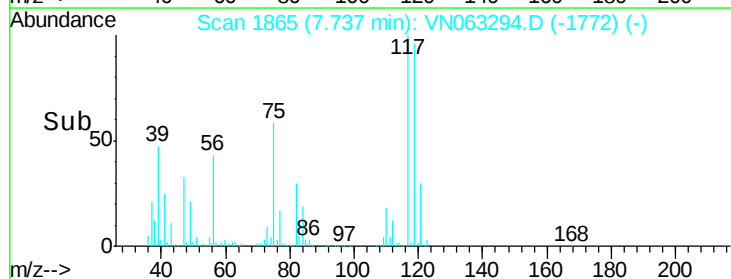
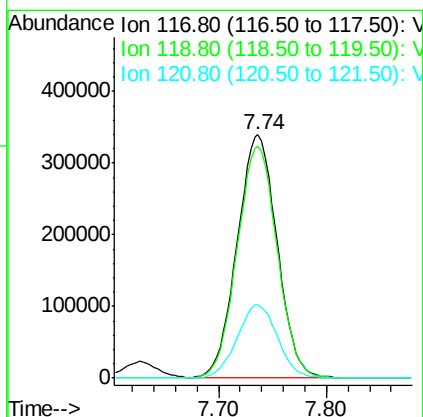
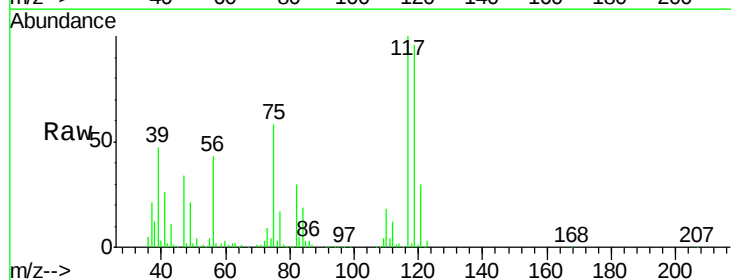
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

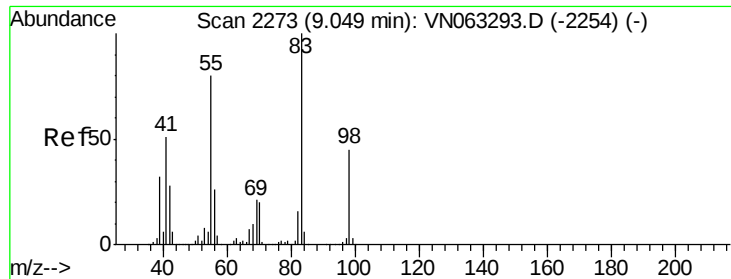
Tgt Ion: 43 Resp: 831974
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.1 15.1
 70 9.3 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 102.916 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 117 Resp: 865130
 Ion Ratio Lower Upper
 117 100
 119 95.6 75.3 112.9
 121 30.4 24.6 37.0

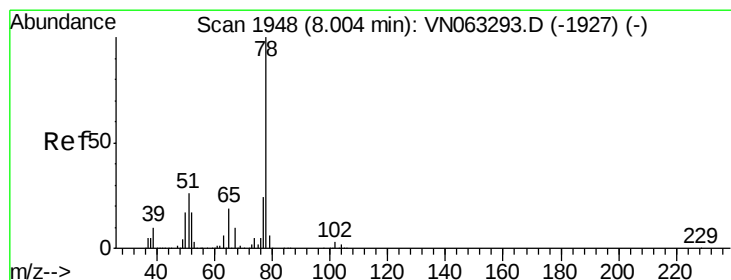
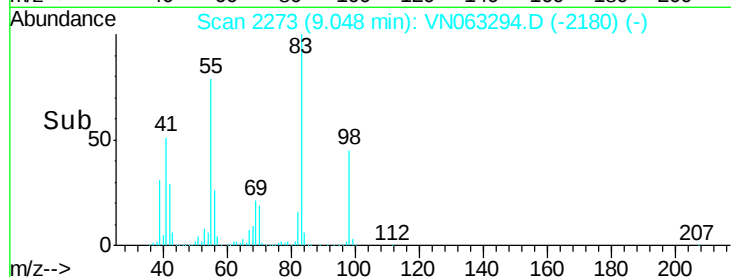
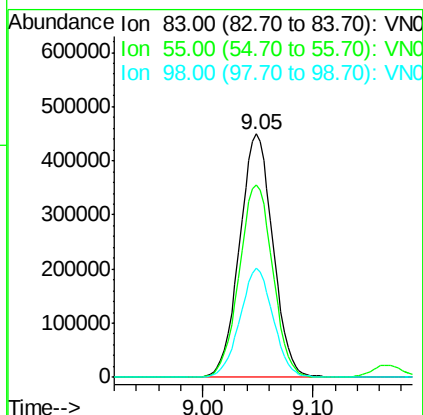
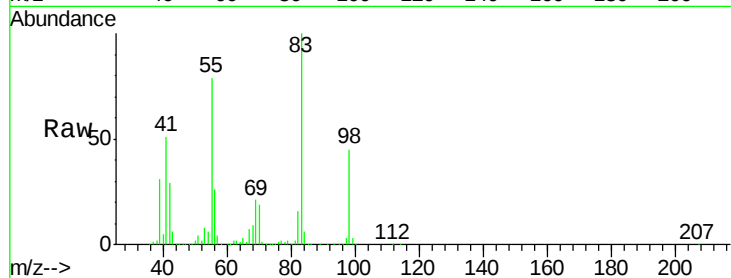




#39
Methylcyclohexane
Concen: 101.195 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

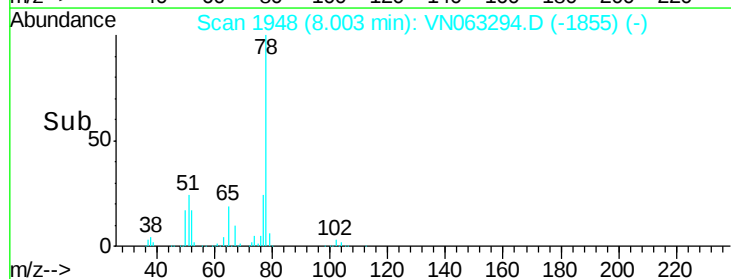
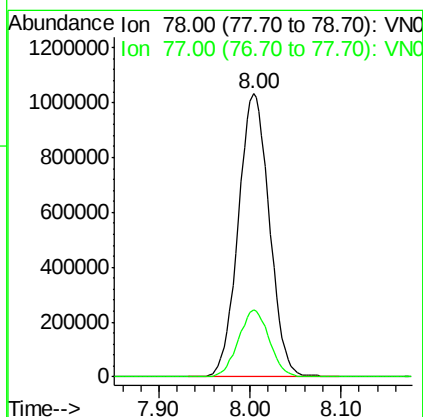
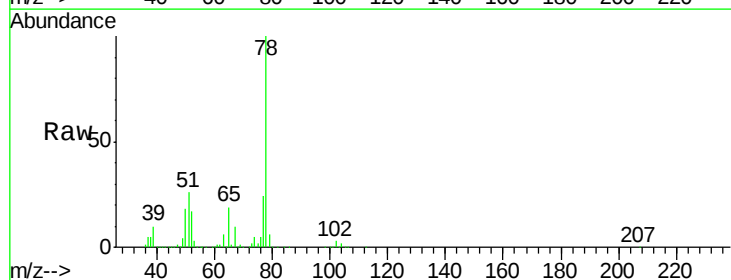
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

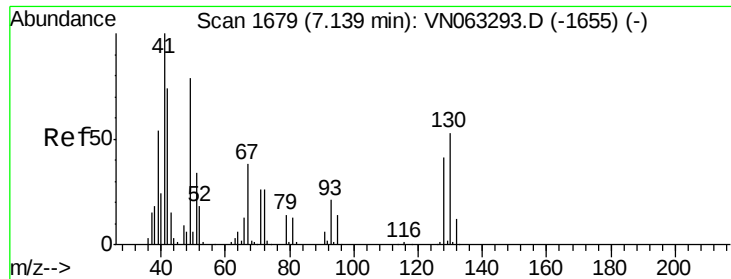
Tgt Ion: 83 Resp: 940384
Ion Ratio Lower Upper
83 100
55 78.8 64.0 96.0
98 44.6 36.4 54.6



#40
Benzene
Concen: 100.941 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 78 Resp: 2449574
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



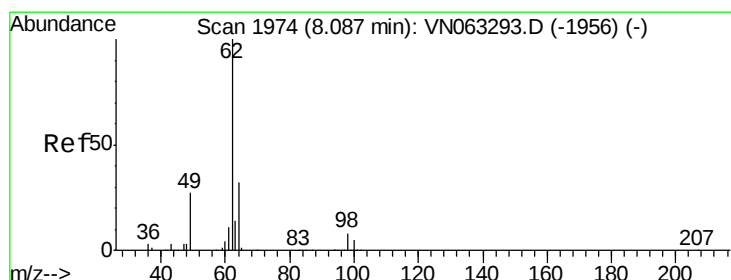
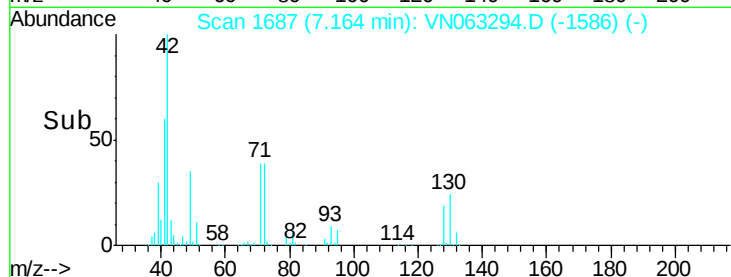
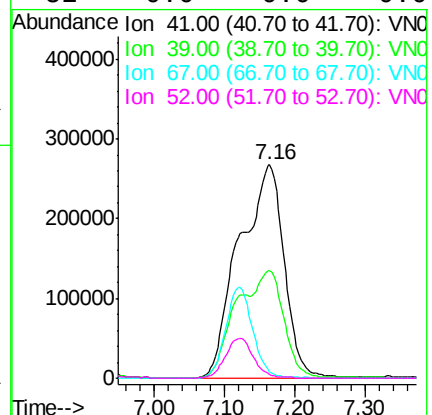
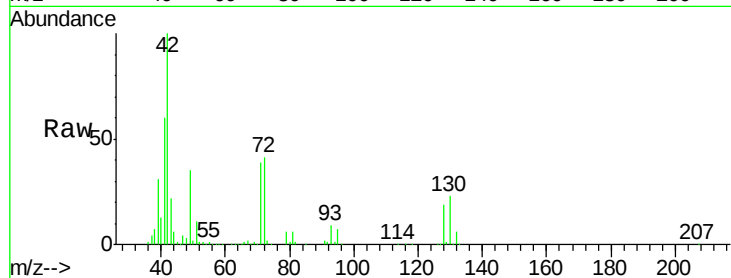


#41
Methacrylonitrile
Concen: 328.303 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 1179170

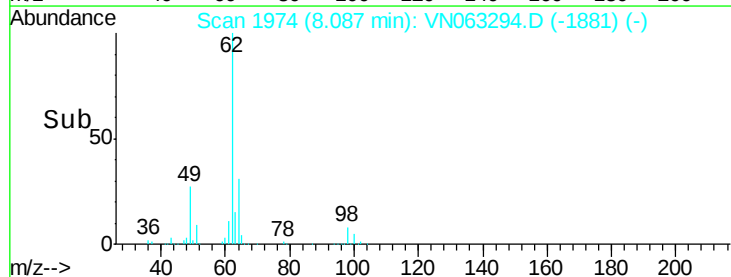
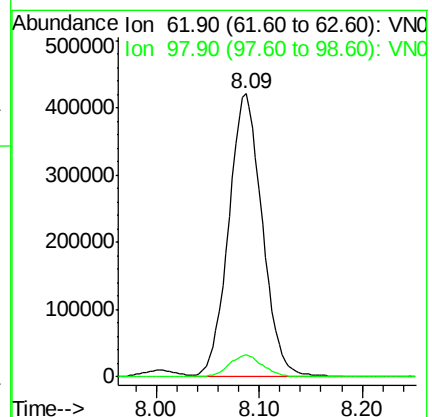
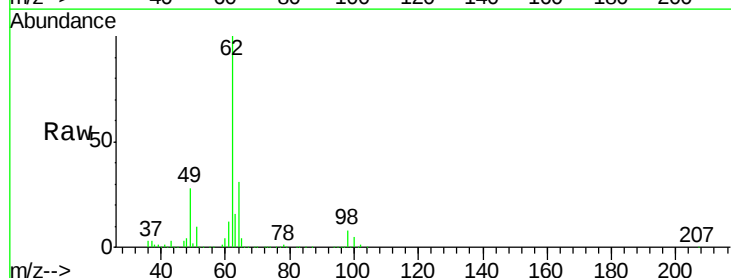
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

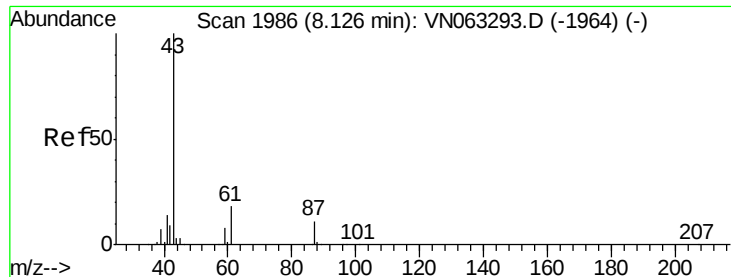


#42
1,2-Dichloroethane
Concen: 104.417 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 62 Resp: 950702

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4





#43

Isopropyl Acetate

Concen: 109.749 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

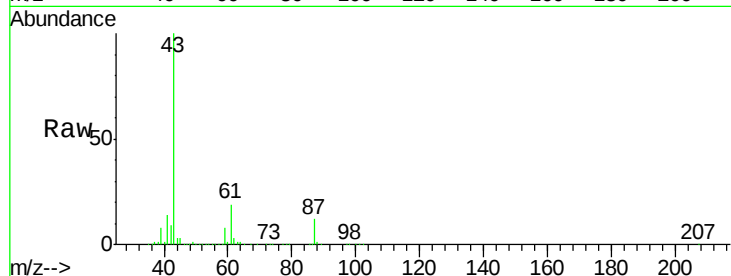
Tgt Ion: 43 Resp: 1486479

Ion Ratio Lower Upper

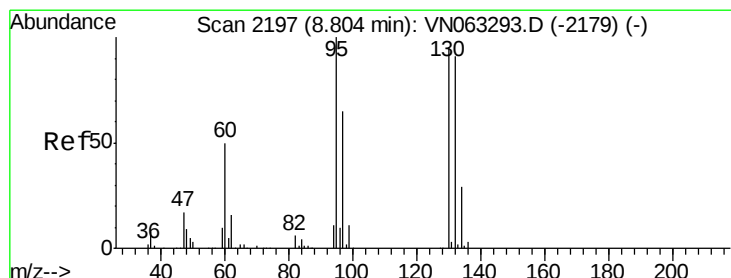
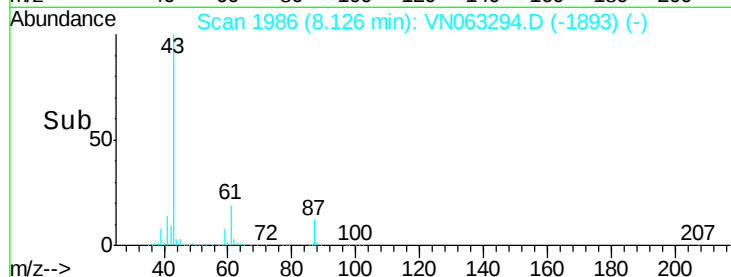
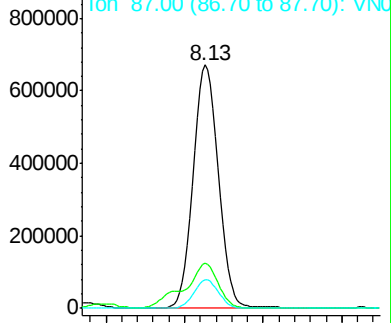
43 100

61 24.6 15.1 22.7#

87 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063294.D (-1893) (-)



#44

Trichloroethene

Concen: 106.566 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063294.D

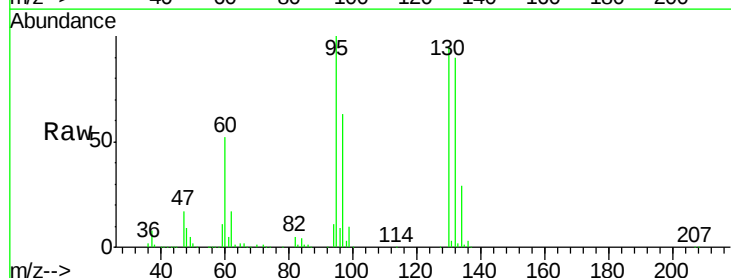
Acq: 10 Sep 2020 14:20

Tgt Ion: 130 Resp: 636677

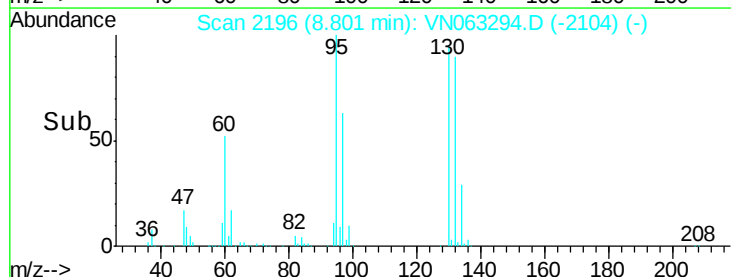
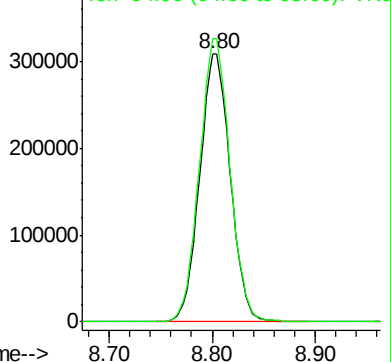
Ion Ratio Lower Upper

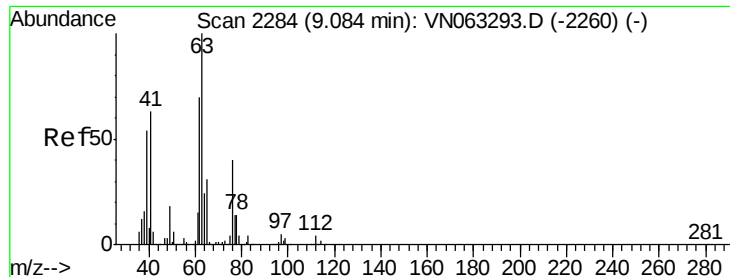
130 100

95 105.5 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063294.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 102.972 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

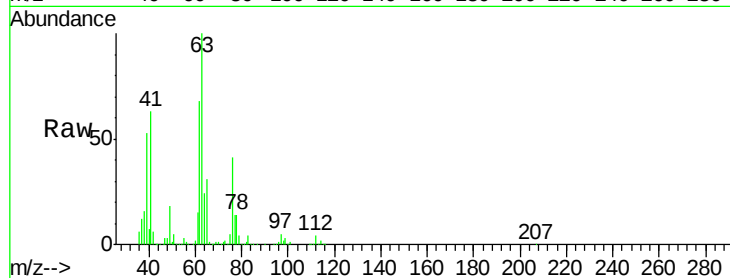
VSTDIC100

Tgt Ion: 63 Resp: 667340

Ion Ratio Lower Upper

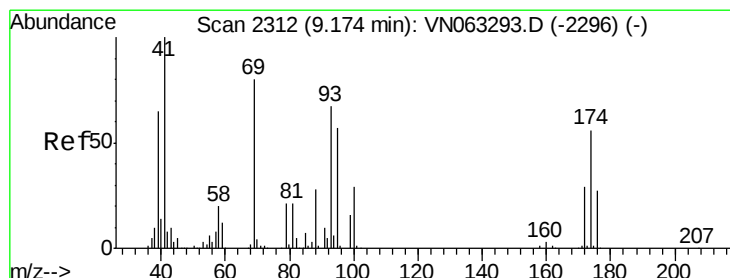
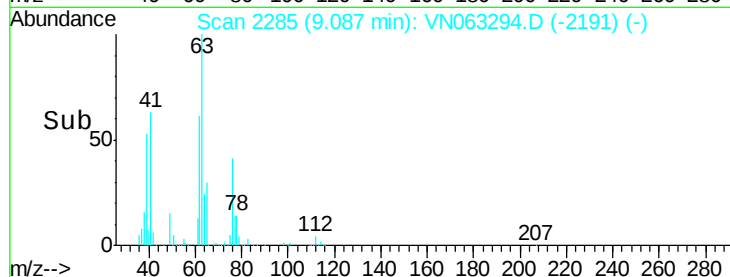
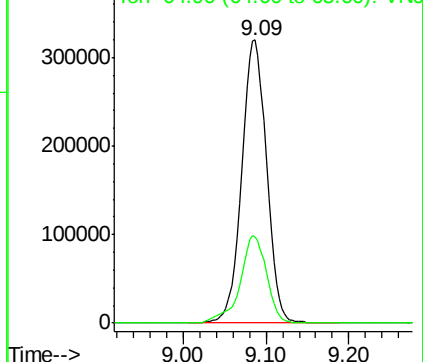
63 100

65 30.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 103.182 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

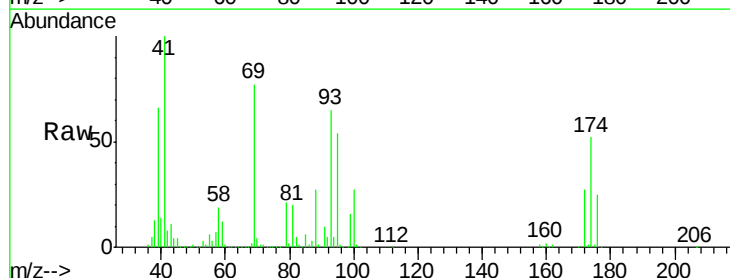
Tgt Ion: 93 Resp: 437929

Ion Ratio Lower Upper

93 100

95 83.7 67.9 101.9

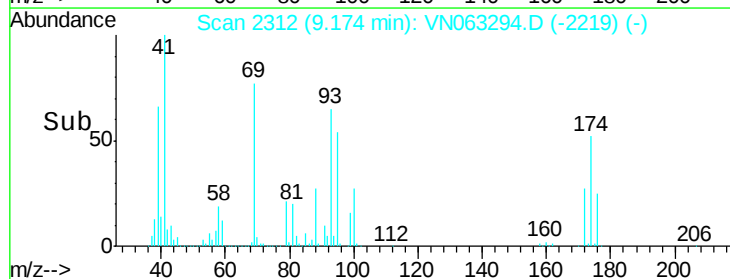
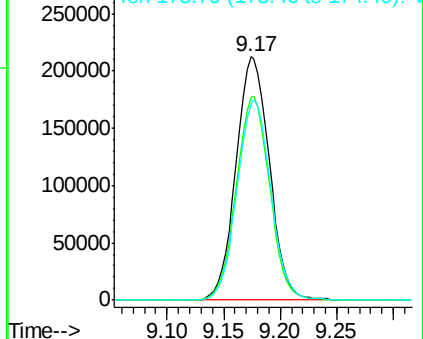
174 82.8 66.9 100.3

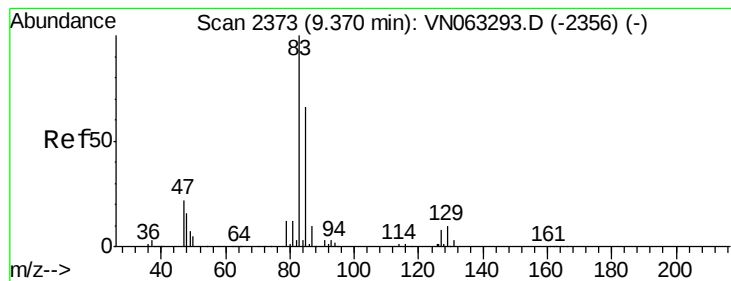


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 102.449 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

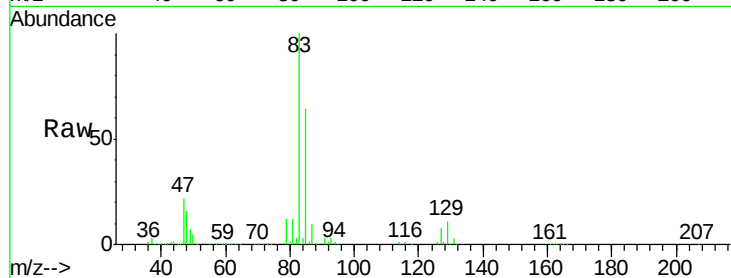
Tgt Ion: 83 Resp: 930675

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

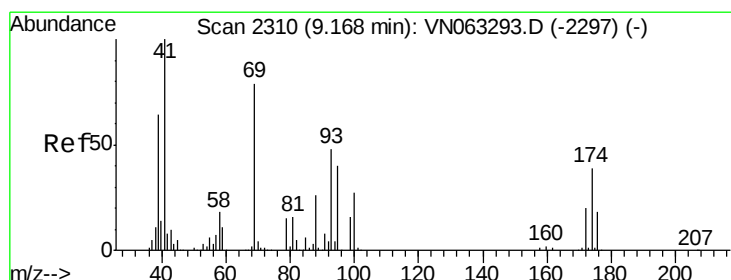
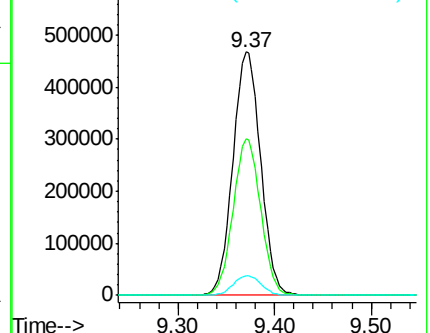
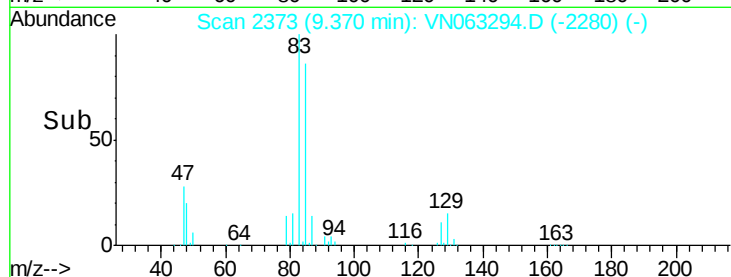
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063294.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063294.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063294.D (-2280) (-)



#48

Methyl methacrylate

Concen: 113.840 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

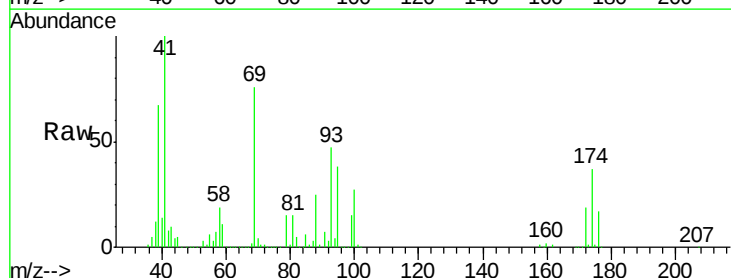
Tgt Ion: 41 Resp: 698153

Ion Ratio Lower Upper

41 100

69 79.2 63.6 95.4

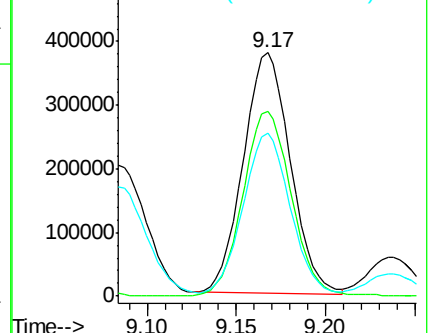
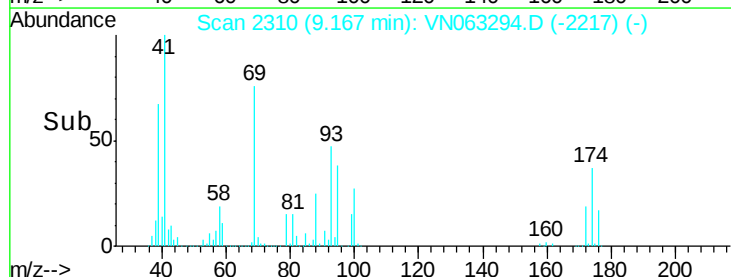
39 68.4 53.2 79.8

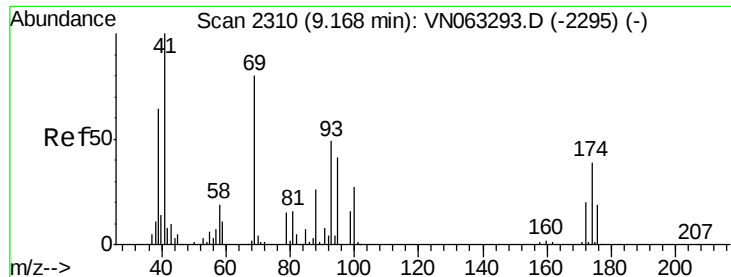


Abundance Ion 41.00 (40.70 to 41.70): VN063294.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063294.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063294.D (-2217) (-)

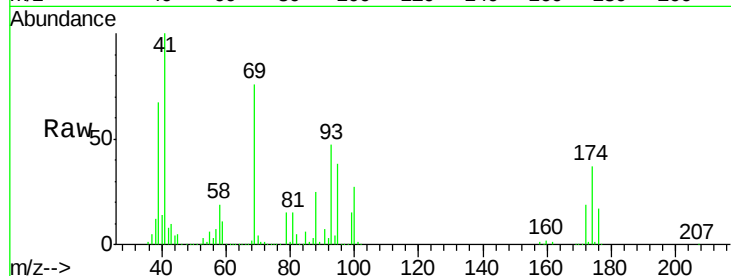




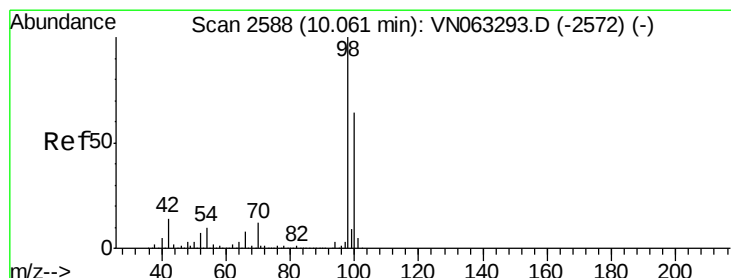
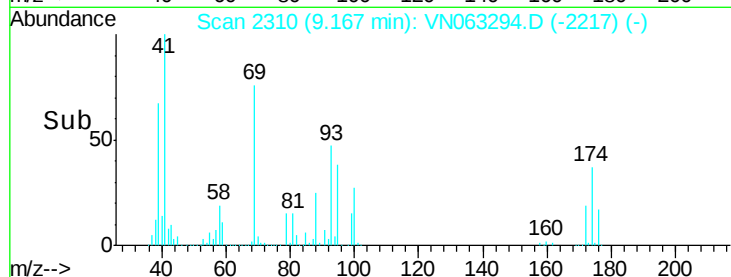
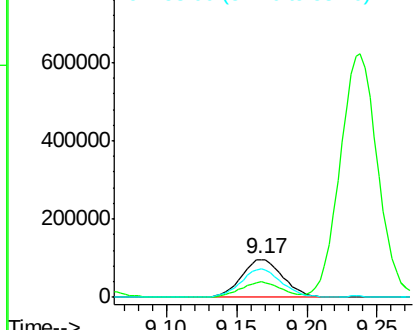
#49
1,4-Dioxane
Concen: 2121.360 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 200152
Ion Ratio Lower Upper
88 100
43 38.6 30.5 45.7
58 73.2 58.9 88.3

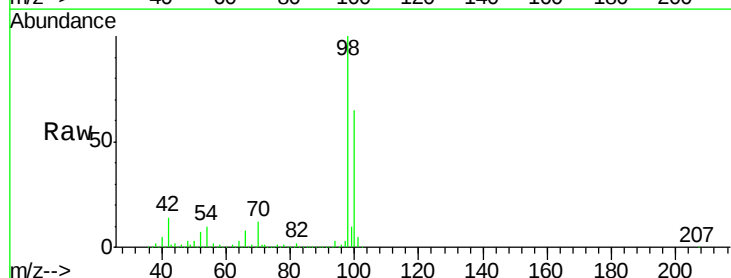


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

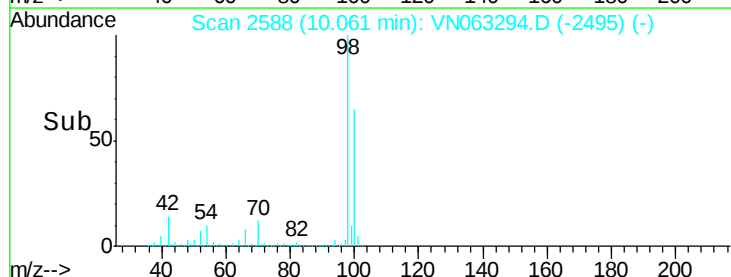
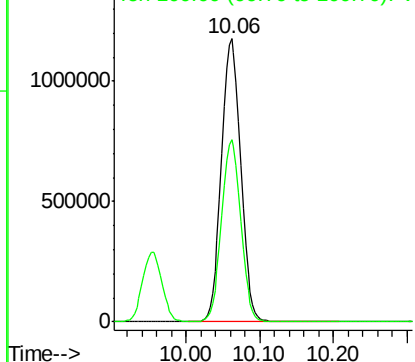


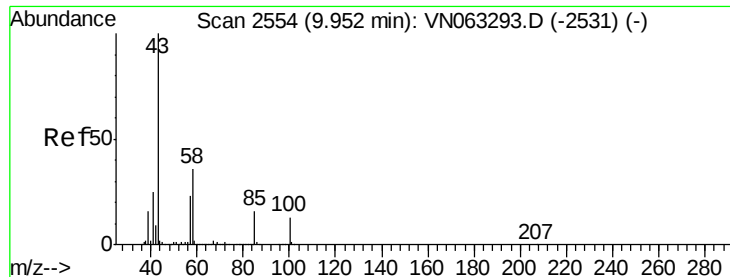
#50
Toluene-d8
Concen: 102.016 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 98 Resp: 2159739
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

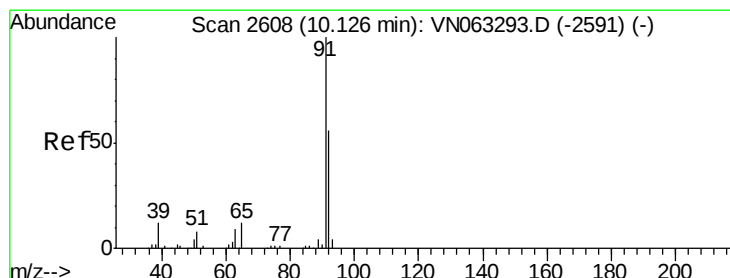
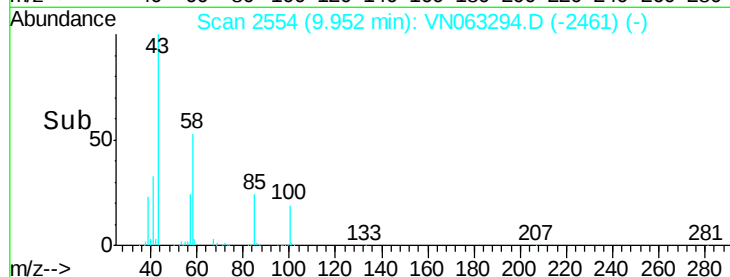
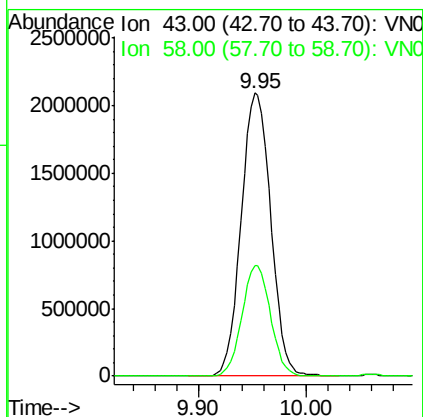
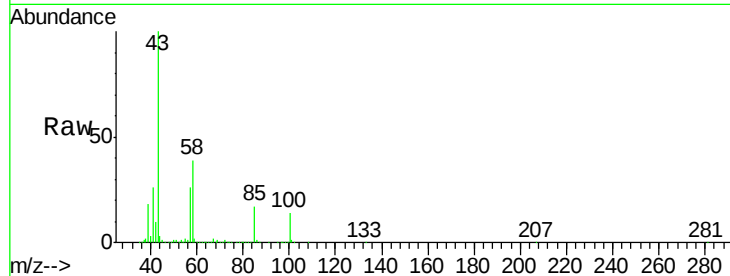




#51
 4-Methyl-2-Pentanone
 Concen: 542.049 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

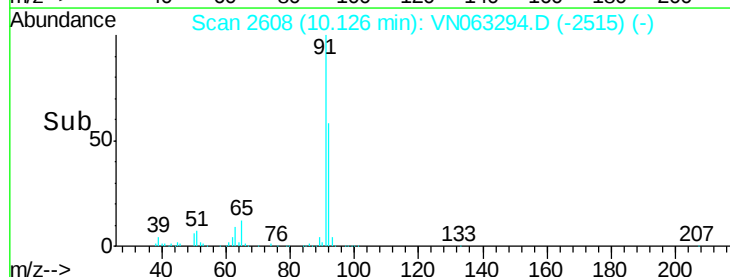
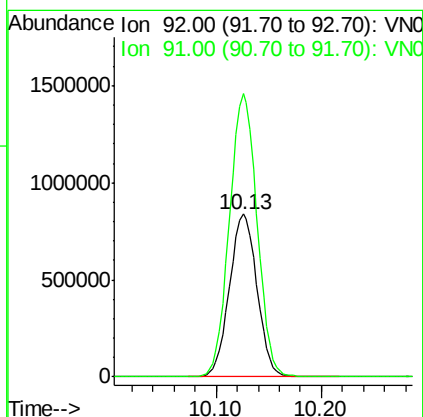
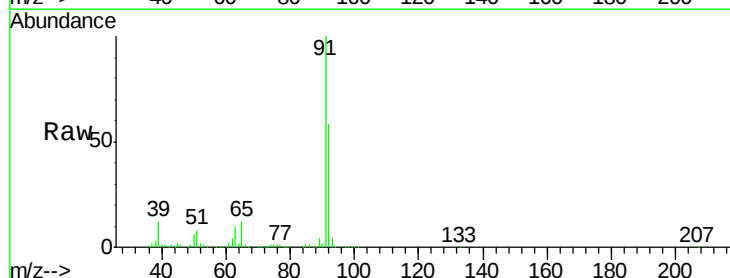
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

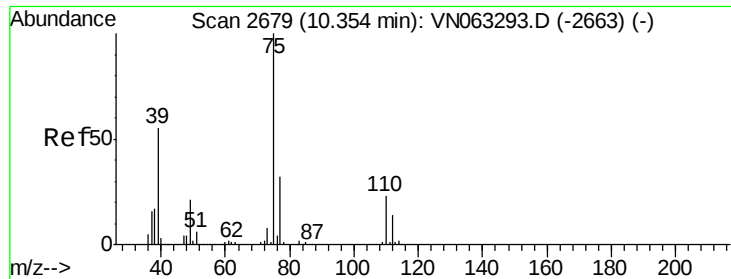
Tgt Ion: 43 Resp: 3993459
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.0 43.4



#52
 Toluene
 Concen: 100.558 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 92 Resp: 1514209
 Ion Ratio Lower Upper
 92 100
 91 174.9 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 105.677 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

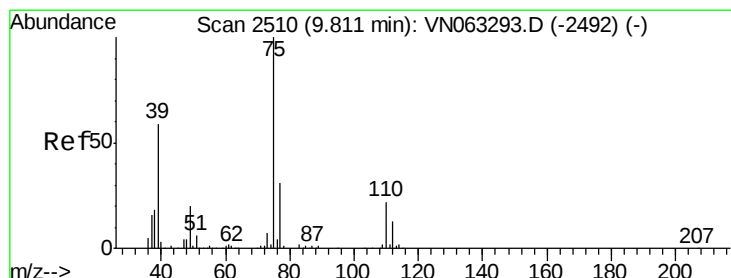
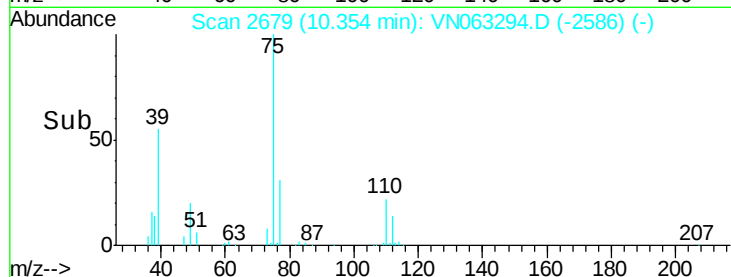
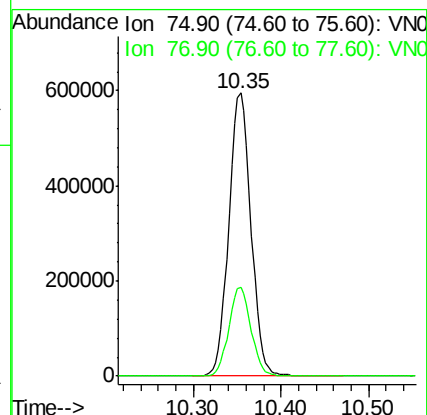
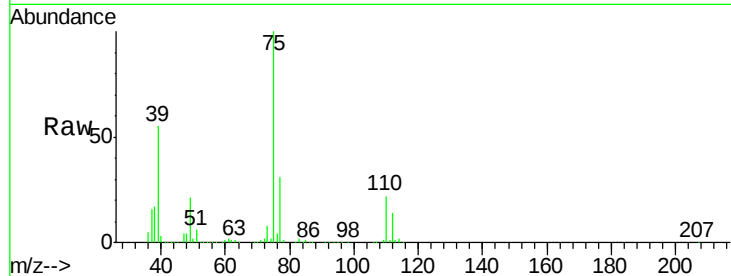
VSTDIC100

Tgt Ion: 75 Resp: 1045772

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 105.102 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

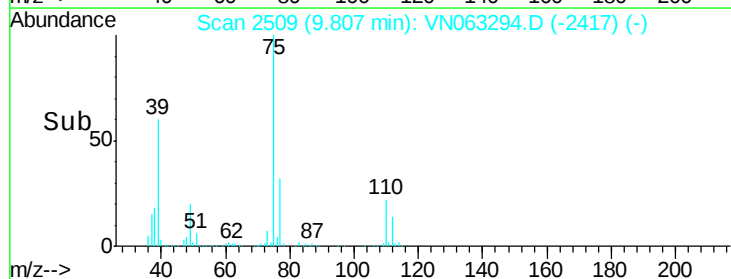
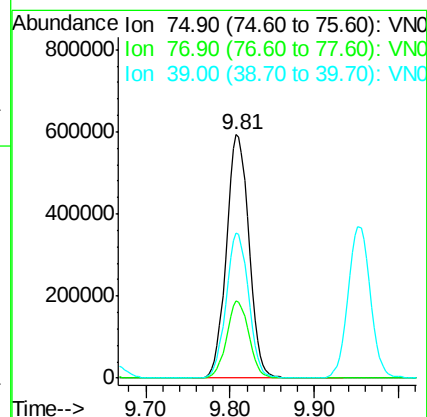
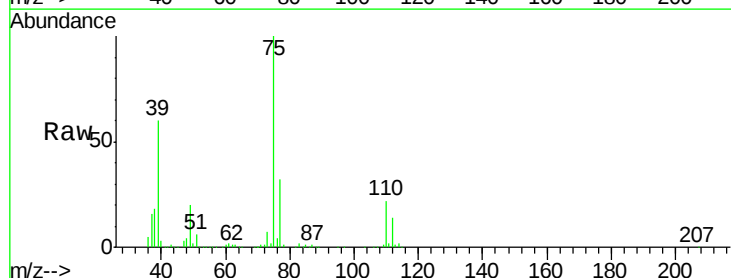
Tgt Ion: 75 Resp: 1103450

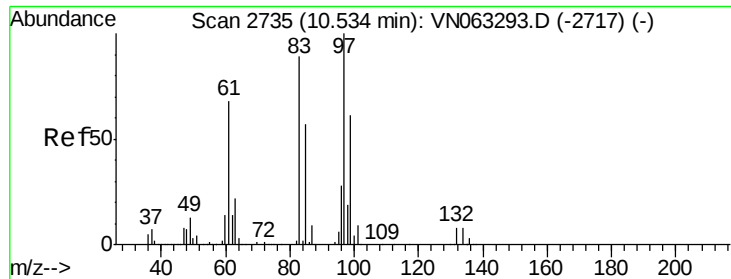
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 59.6 47.2 70.8

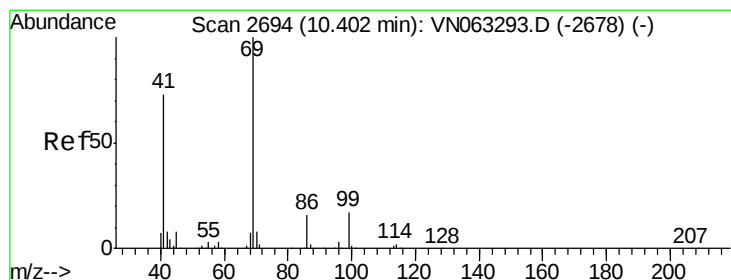
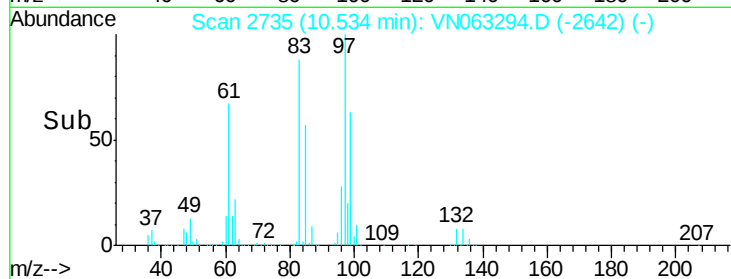
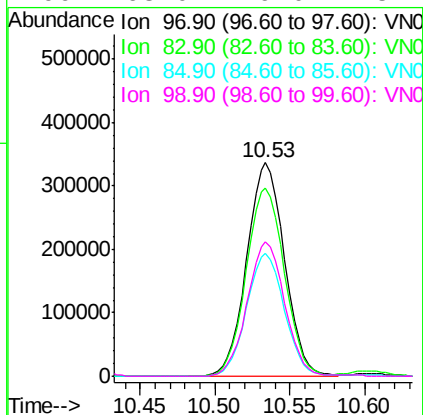
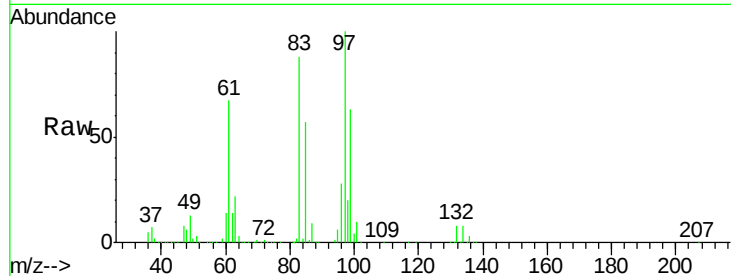




#55
 1,1,2-Trichloroethane
 Concen: 102.502 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

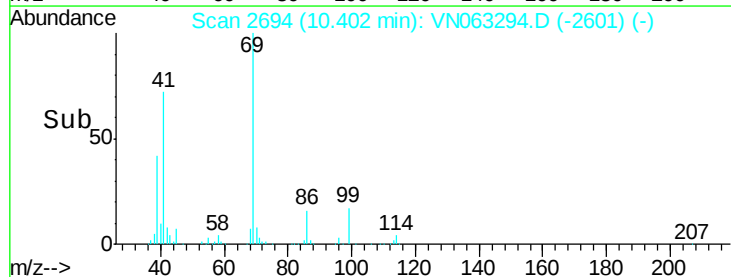
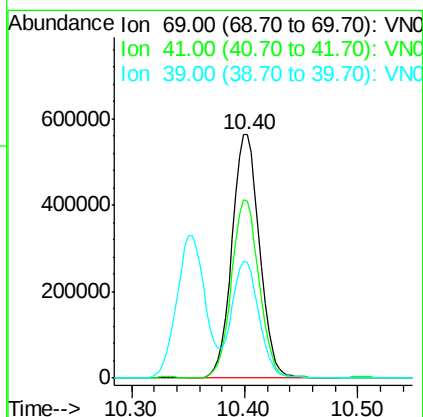
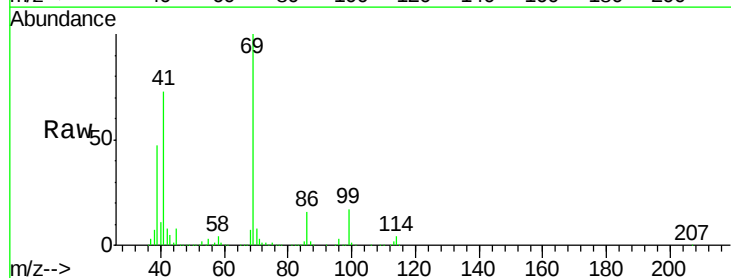
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

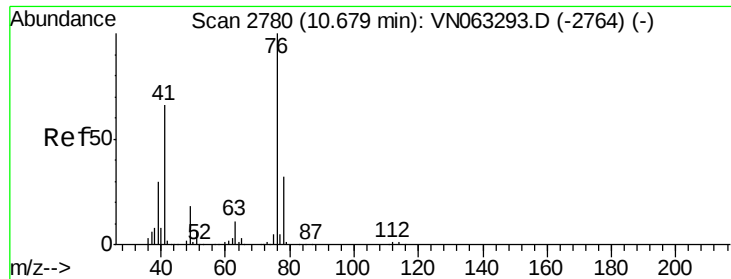
Tgt Ion:	97	Resp:	592603
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.8	106.2
85	57.3	45.6	68.4
99	63.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 108.329 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:	69	Resp:	955015
Ion	Ratio	Lower	Upper
69	100		
41	72.8	58.4	87.6
39	48.0	38.6	58.0

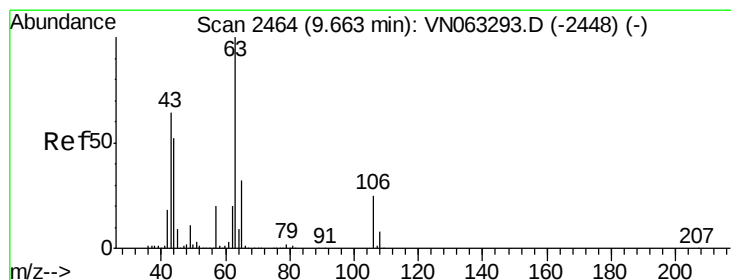
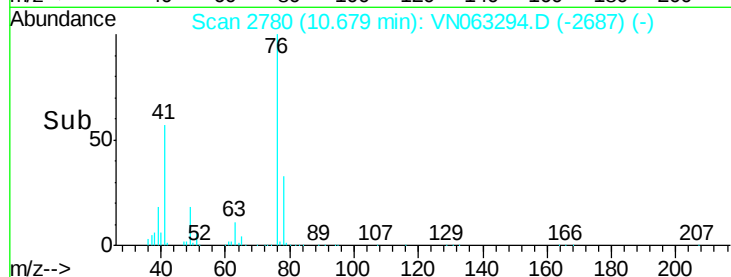
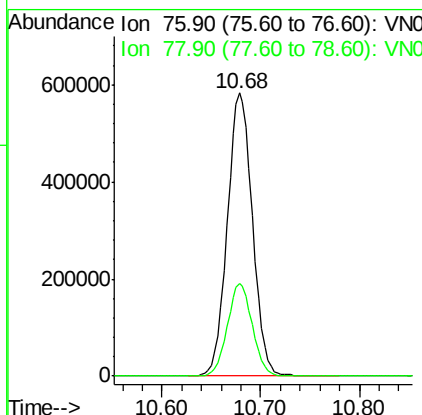
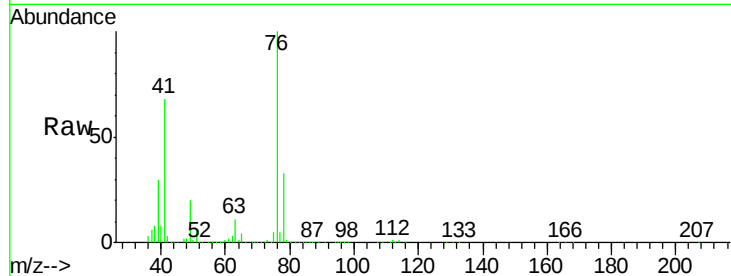




#57
 1,3-Dichloropropane
 Concen: 100.996 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

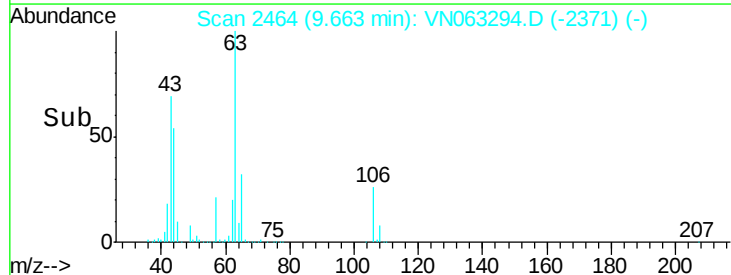
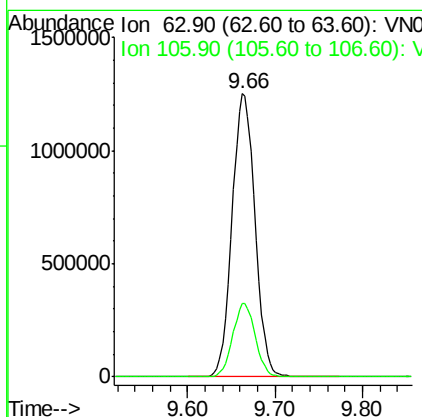
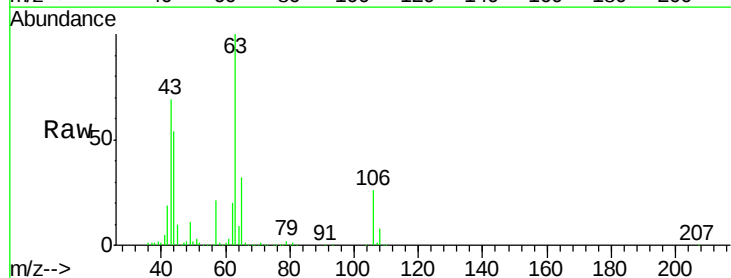
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

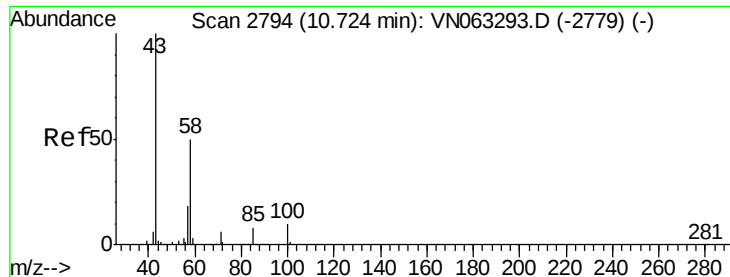
Tgt Ion: 76 Resp: 1036879
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 502.235 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 63 Resp: 2277251
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.2 30.4

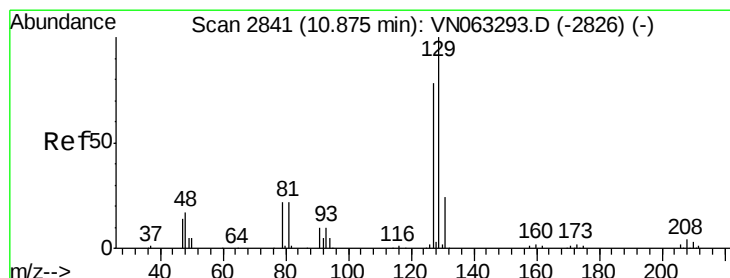
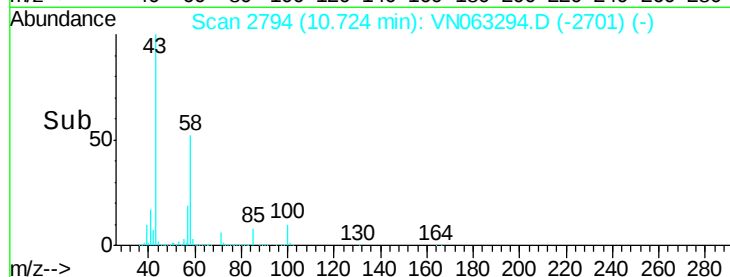
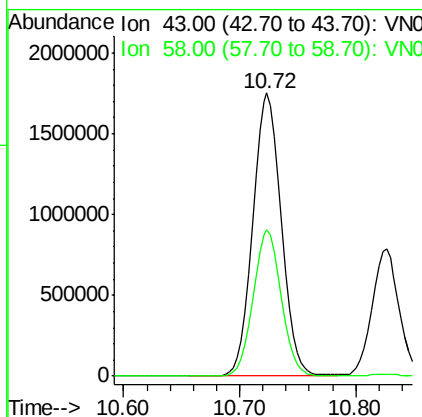
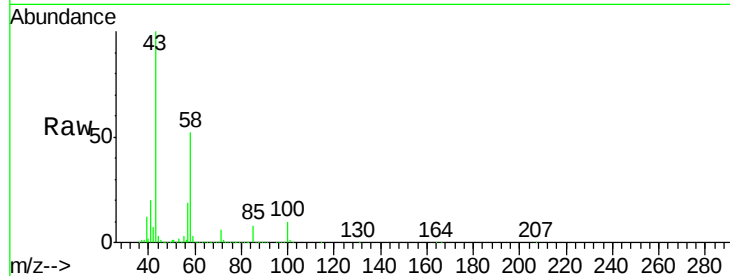




#59
2-Hexanone
Concen: 578.292 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

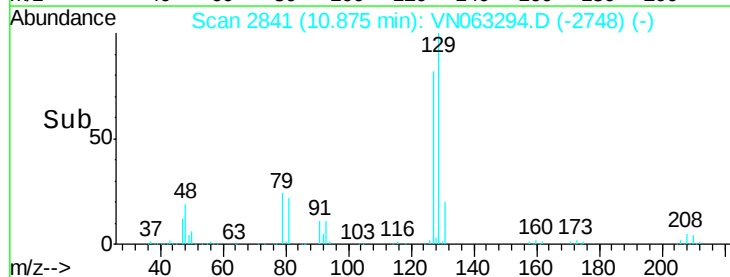
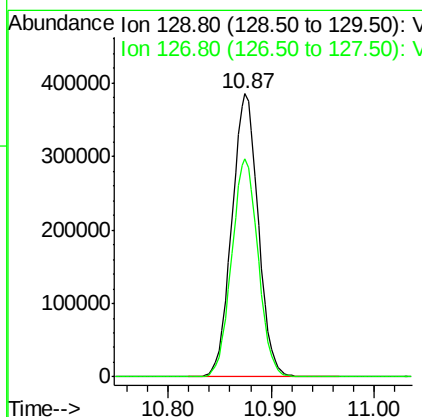
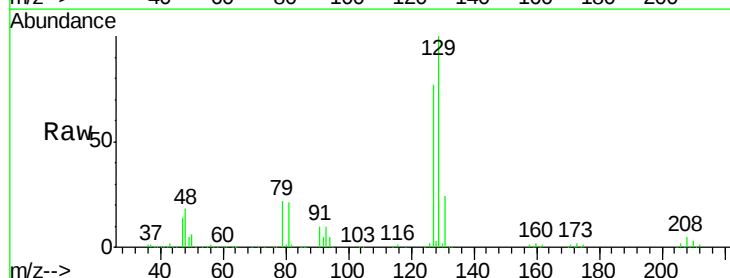
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

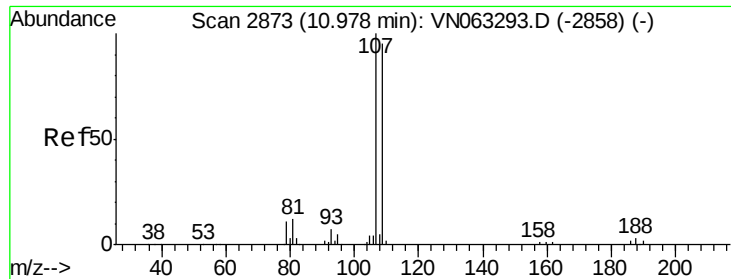
Tgt Ion: 43 Resp: 3005771
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3



#60
Dibromochloromethane
Concen: 107.601 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 129 Resp: 687471
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

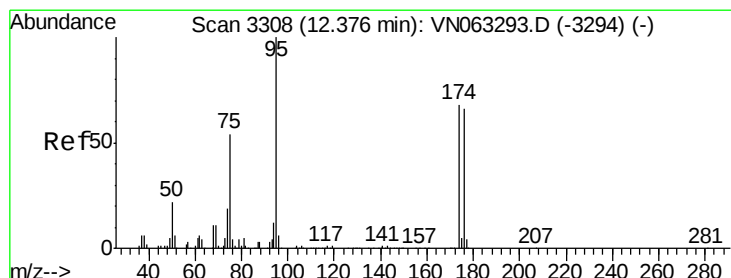
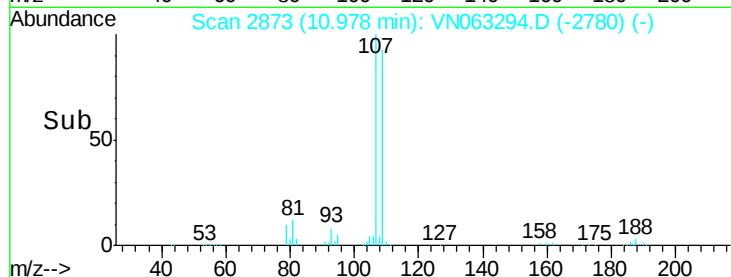
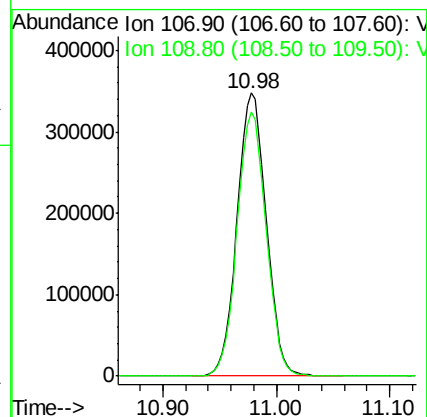
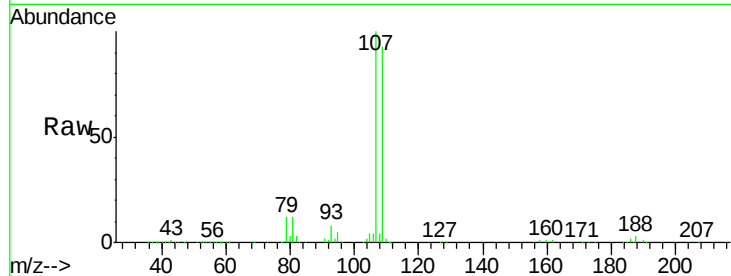




#61
 1,2-Dibromoethane
 Concen: 104.490 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

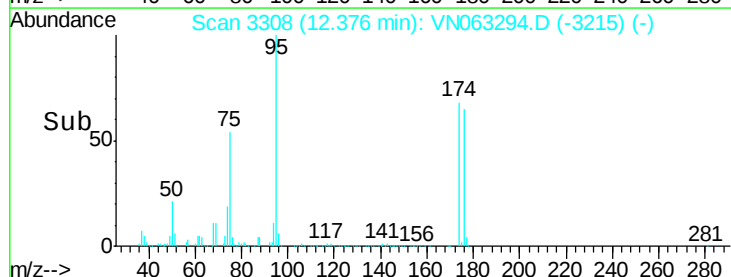
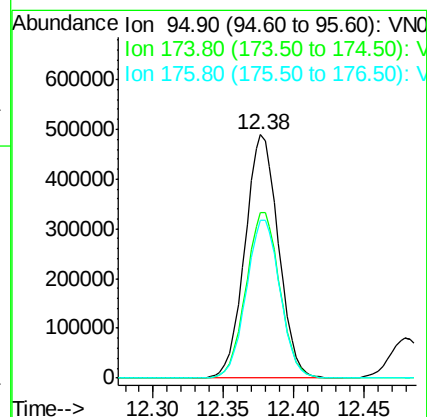
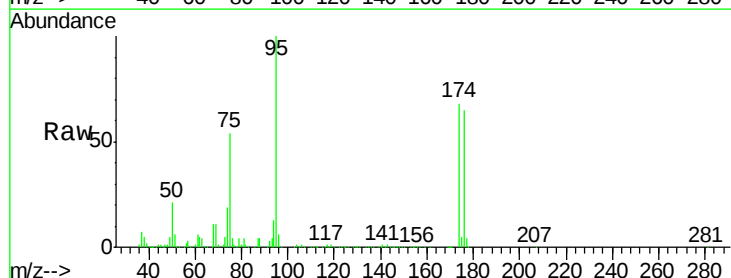
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

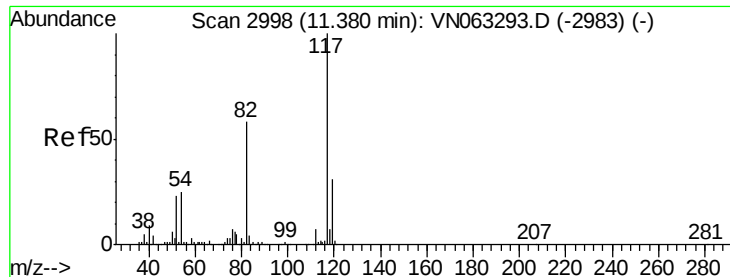
Tgt Ion: 107 Resp: 625107
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 109.190 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 95 Resp: 814399
 Ion Ratio Lower Upper
 95 100
 174 68.7 0.0 136.6
 176 65.7 0.0 132.8

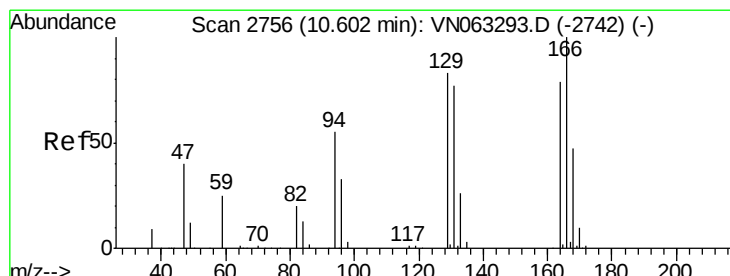
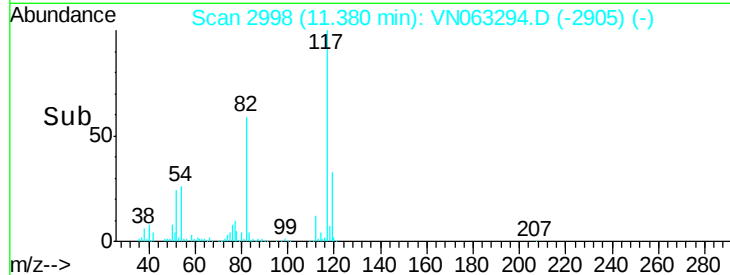
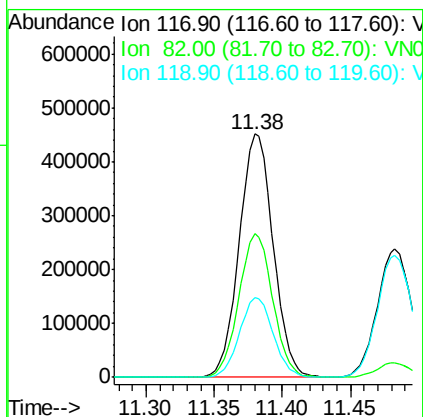
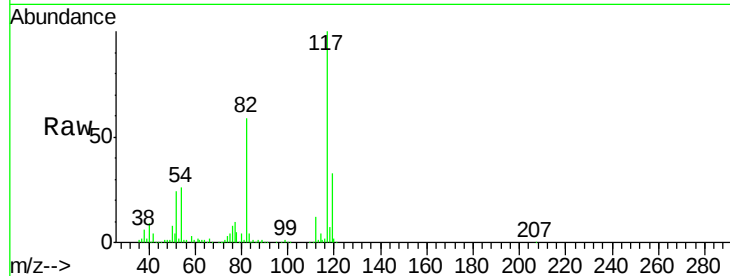




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

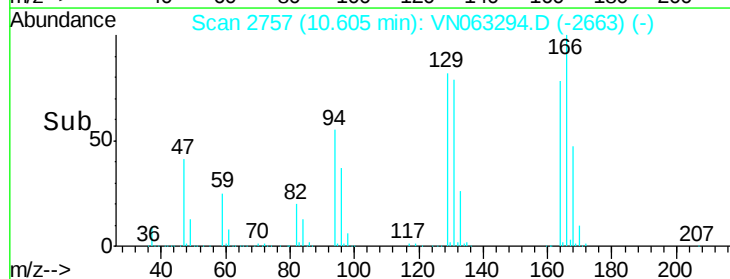
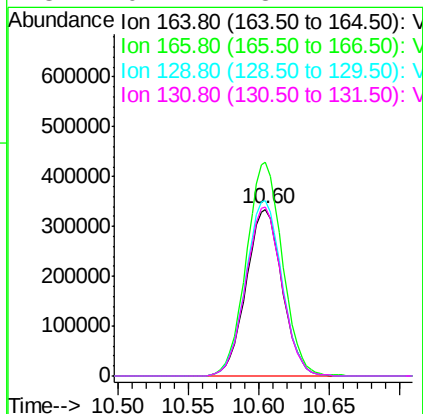
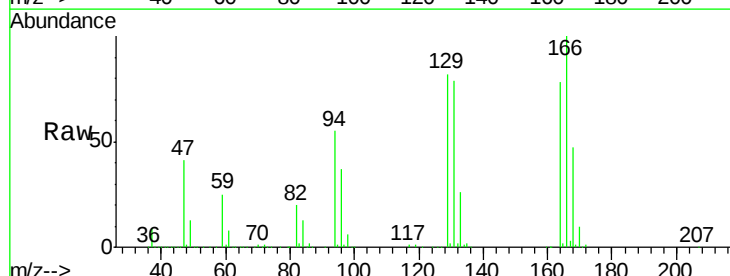
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

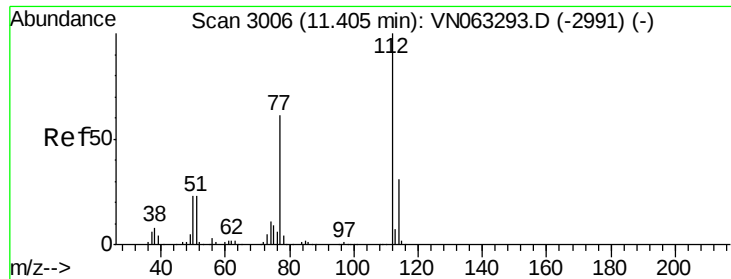
Tgt Ion:117 Resp: 781735
Ion Ratio Lower Upper
117 100
82 59.0 46.4 69.6
119 32.7 24.8 37.2



#64
Tetrachloroethene
Concen: 104.195 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion:164 Resp: 597629
Ion Ratio Lower Upper
164 100
166 128.3 101.3 151.9
129 105.3 83.7 125.5
131 101.4 78.2 117.4





#65

Chlorobenzene

Concen: 102.214 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

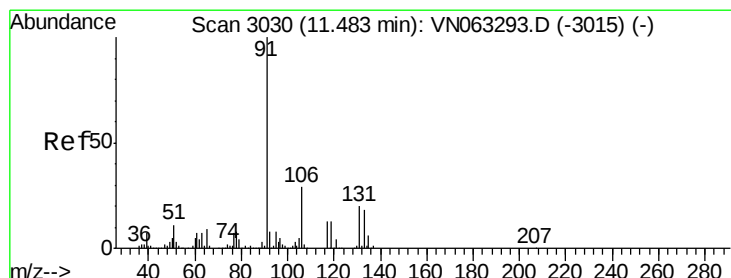
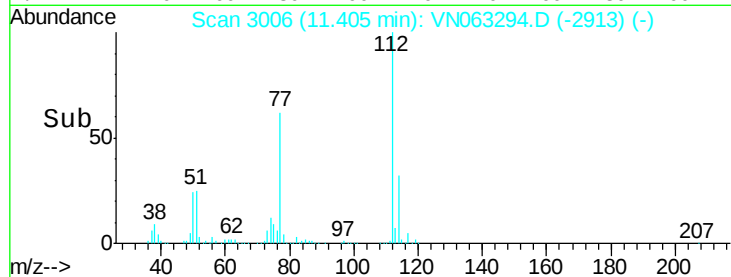
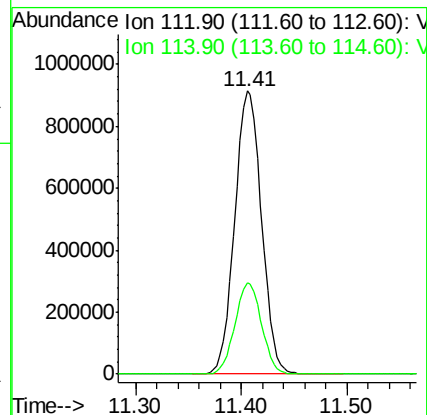
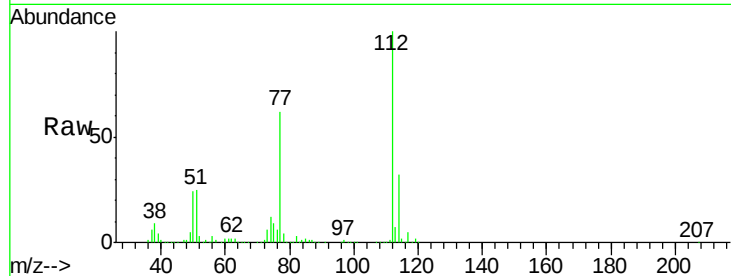
VSTDIC100

Tgt Ion:112 Resp: 1606684

Ion Ratio Lower Upper

112 100

114 32.1 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 102.954 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

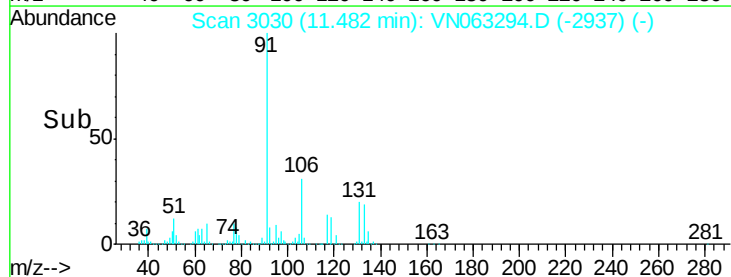
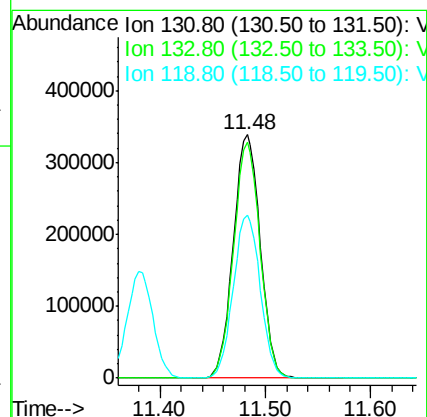
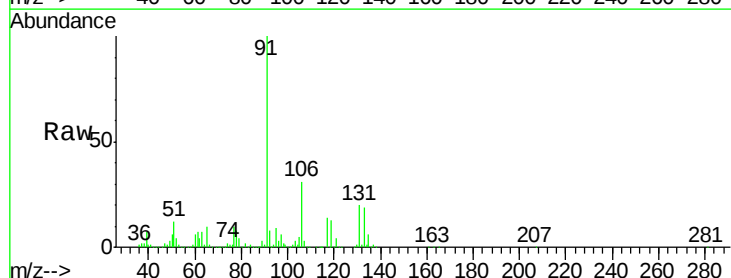
Tgt Ion:131 Resp: 597394

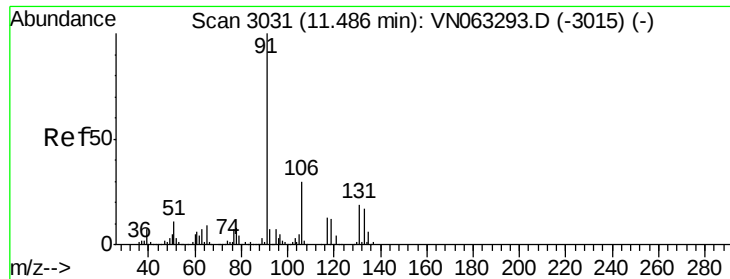
Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.2

119 67.2 33.8 101.3

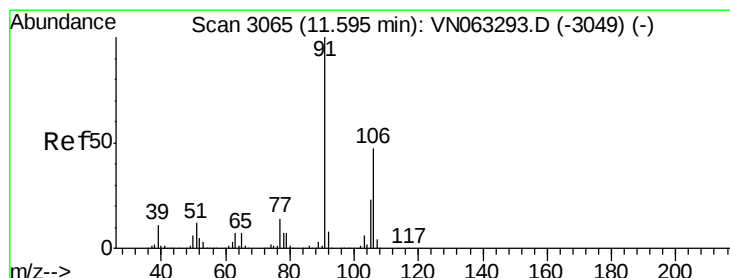
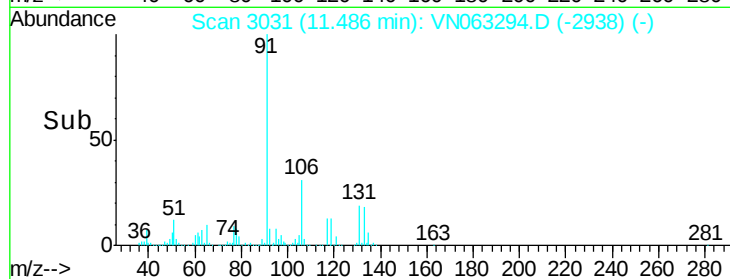
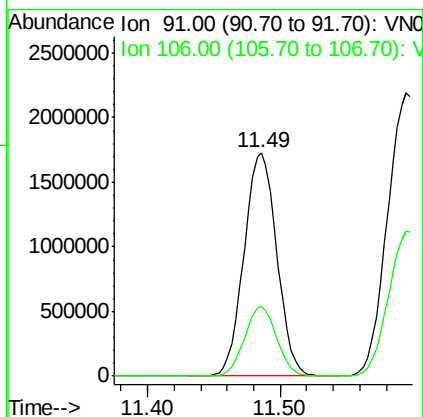
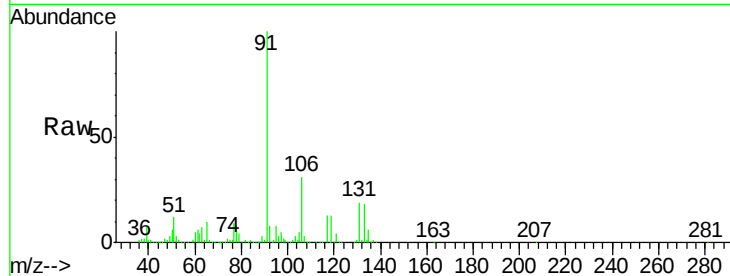




#67
Ethyl Benzene
Concen: 103.268 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

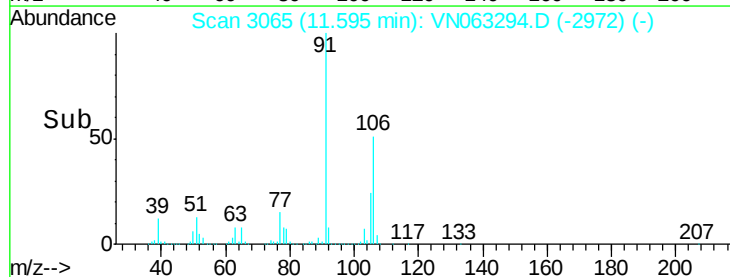
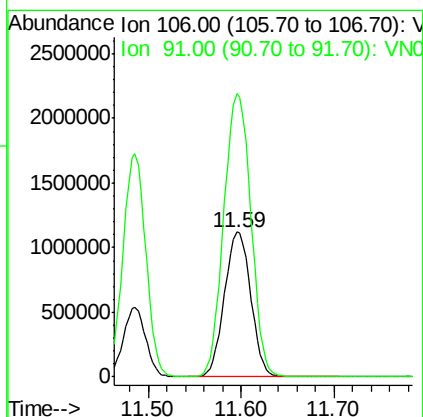
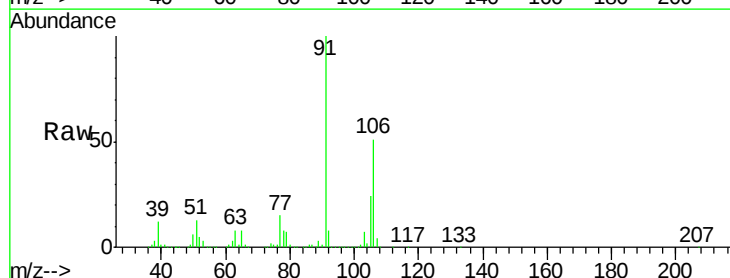
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

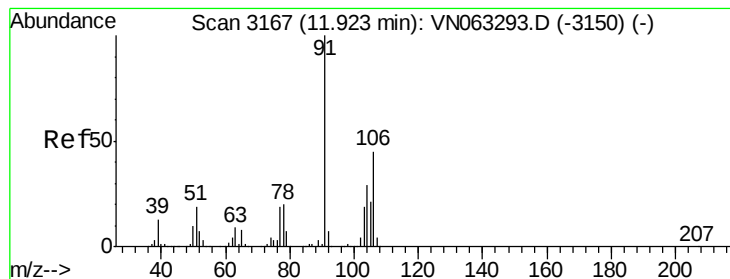
Tgt Ion: 91 Resp: 2959225
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 208.560 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 106 Resp: 2206106
Ion Ratio Lower Upper
106 100
91 201.5 169.8 254.8





#69

o-Xylene

Concen: 103.988 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

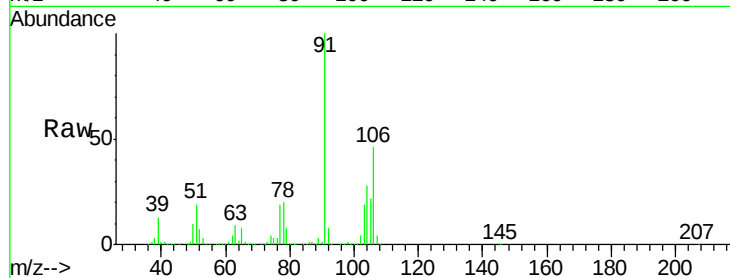
VSTDIC100

Tgt Ion:106 Resp: 1062918

Ion Ratio Lower Upper

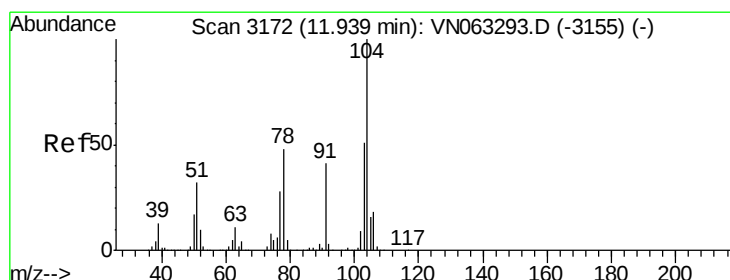
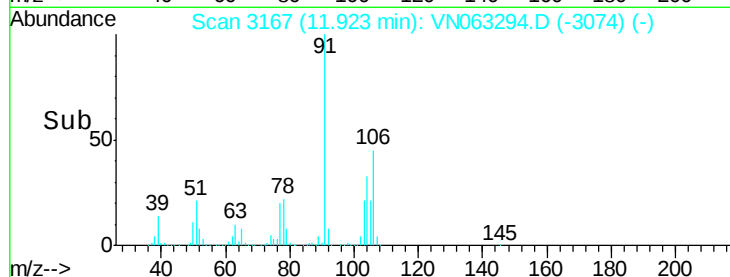
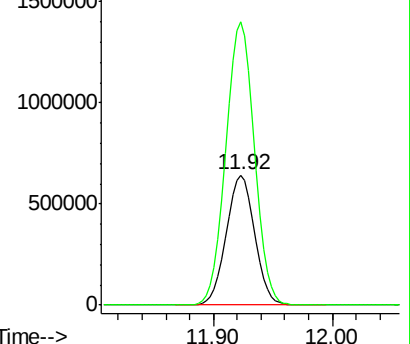
106 100

91 219.2 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 104.563 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

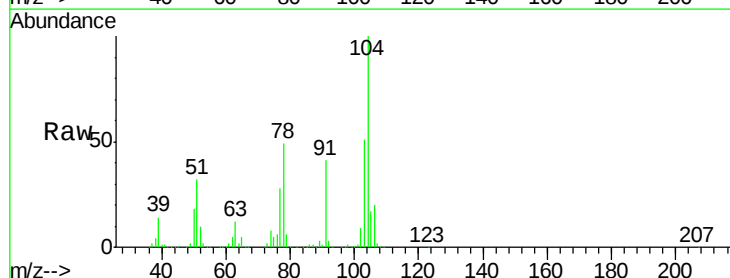
Tgt Ion:104 Resp: 1830968

Ion Ratio Lower Upper

104 100

78 54.7 42.9 64.3

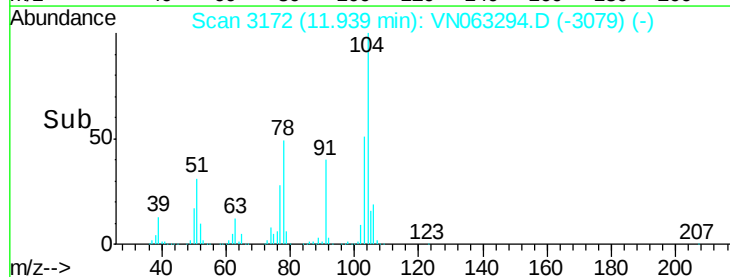
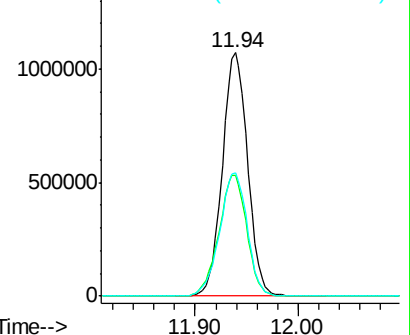
103 55.2 44.2 66.2

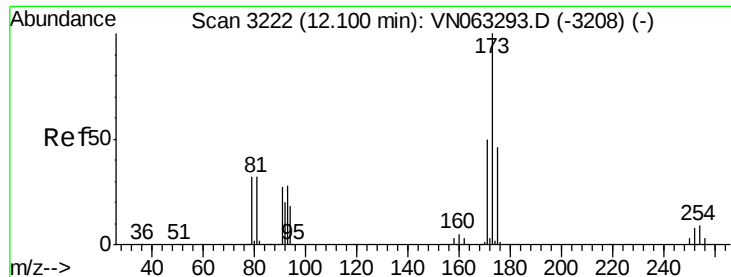


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 111.294 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

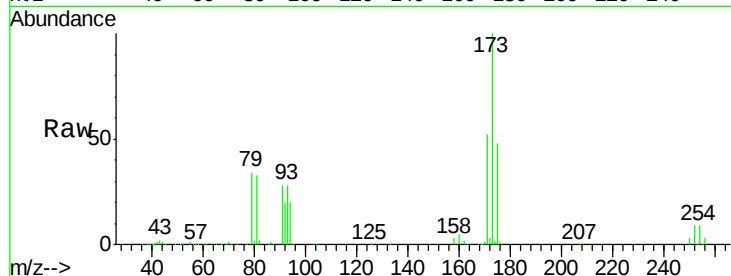
Tgt Ion:173 Resp: 441004

Ion Ratio Lower Upper

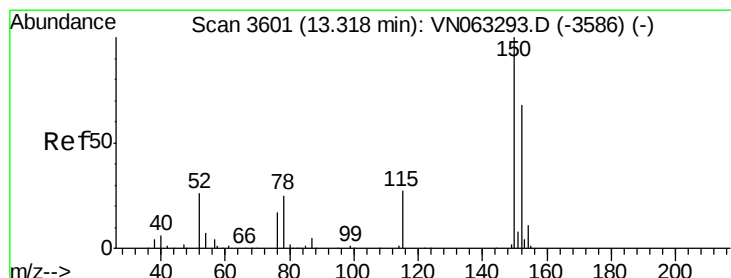
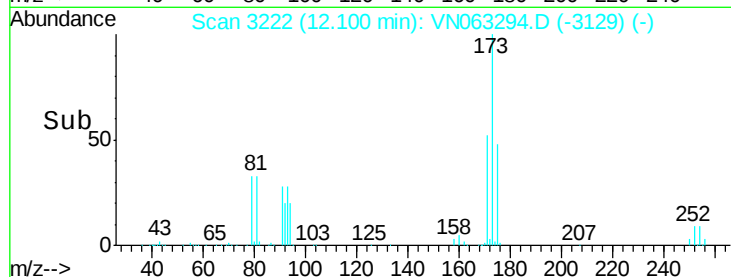
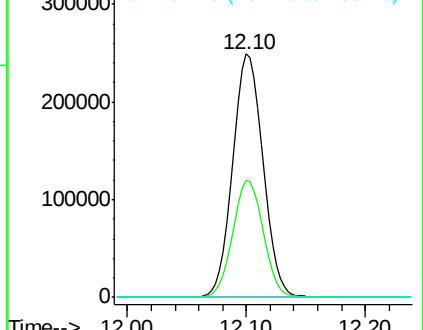
173 100

175 48.2 23.8 71.5

254 0.1 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: VN063294.D

Acq: 10 Sep 2020 14:20

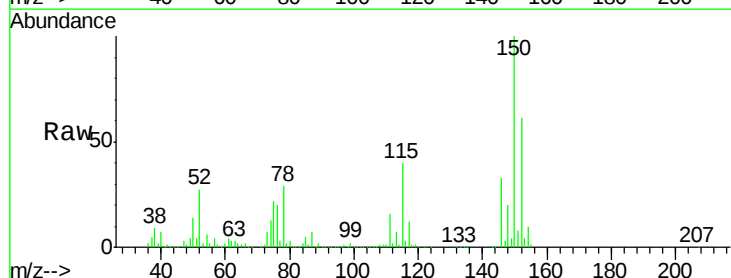
Tgt Ion:152 Resp: 374437

Ion Ratio Lower Upper

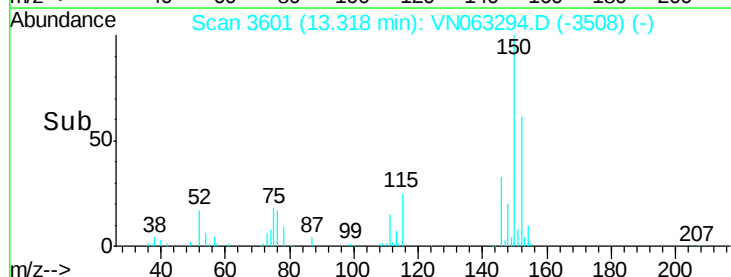
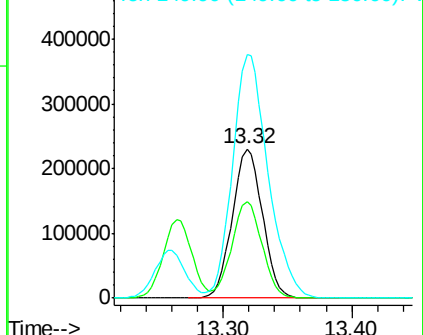
152 100

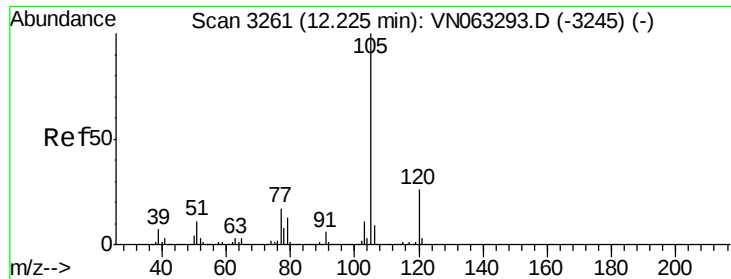
115 65.0 31.5 94.5

150 191.3 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: 99.302 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

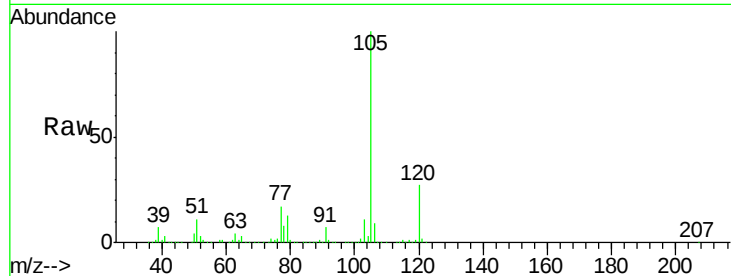
VSTDIC100

Tgt Ion:105 Resp: 2827879

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

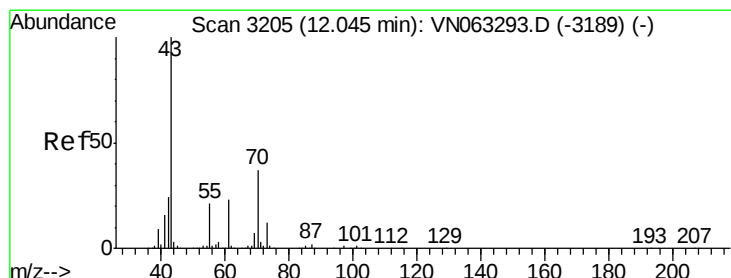
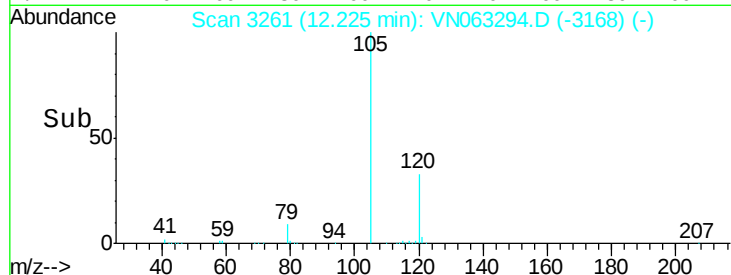
1000000

500000

0

12.10 12.20 12.30 12.40

Time-->



#74

N-ethyl acetate

Concen: 112.796 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion: 43 Resp: 1342363

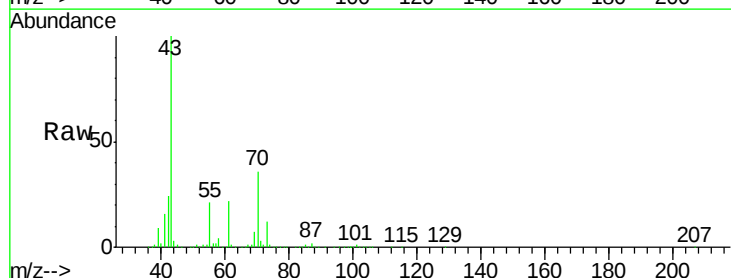
Ion Ratio Lower Upper

43 100

70 36.5 29.3 43.9

55 21.1 17.0 25.6

61 21.7 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

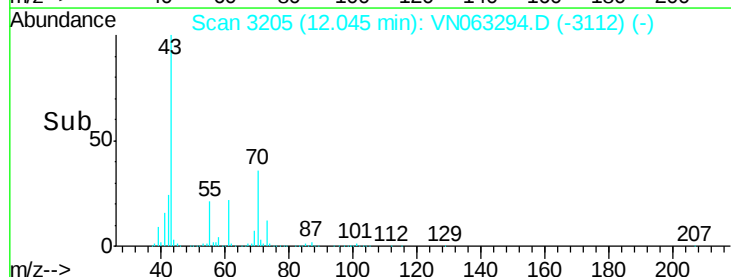
1000000

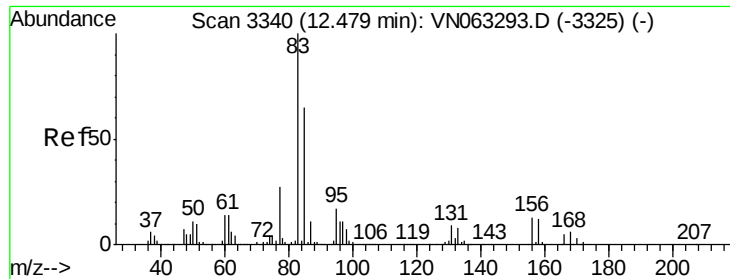
500000

0

12.00 12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 99.483 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

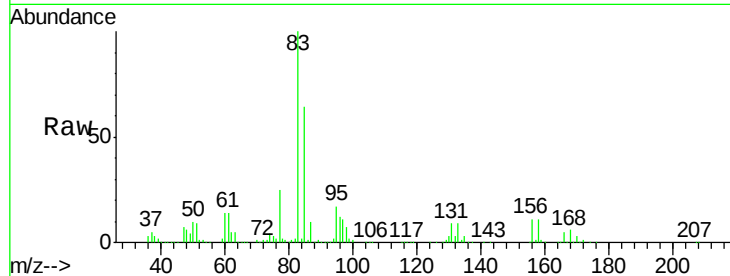
Tgt Ion: 83 Resp: 814143

Ion Ratio Lower Upper

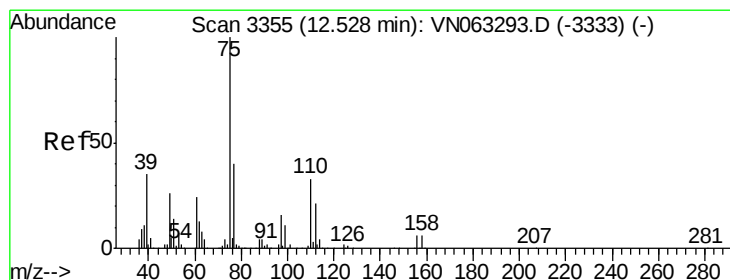
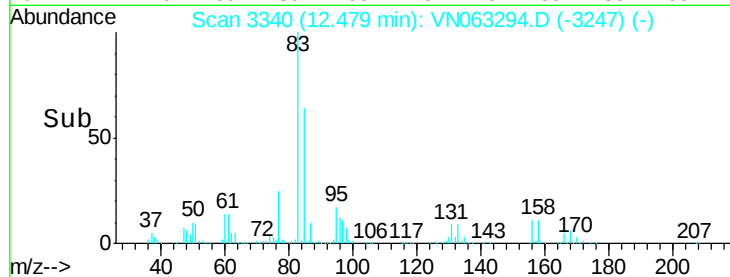
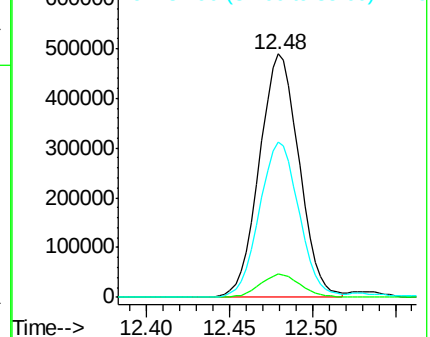
83 100

131 9.9 4.7 14.1

85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 146.152 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063294.D

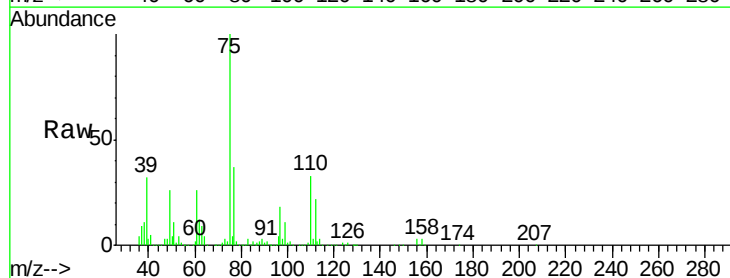
Acq: 10 Sep 2020 14:20

Tgt Ion: 75 Resp: 1170440

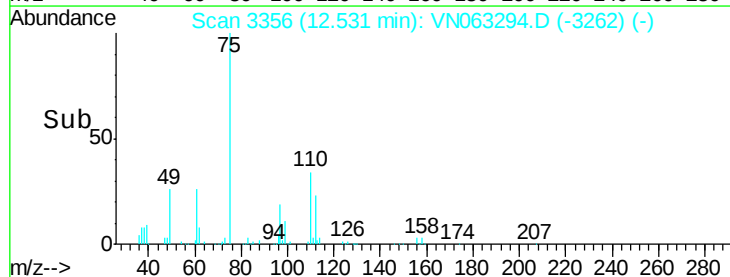
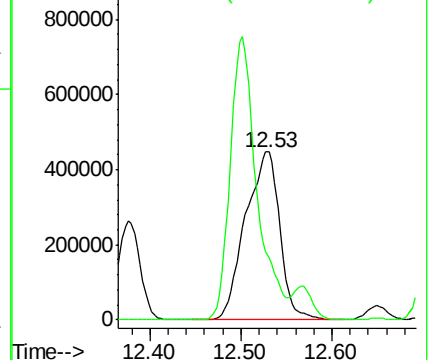
Ion Ratio Lower Upper

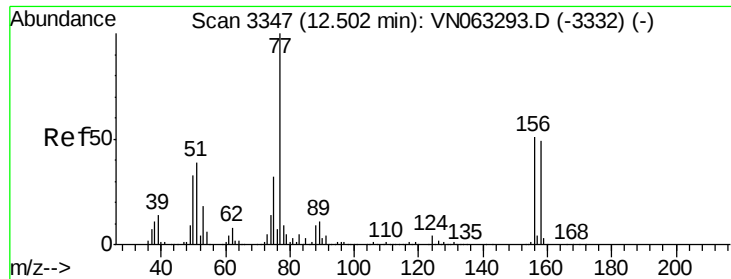
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 100.531 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

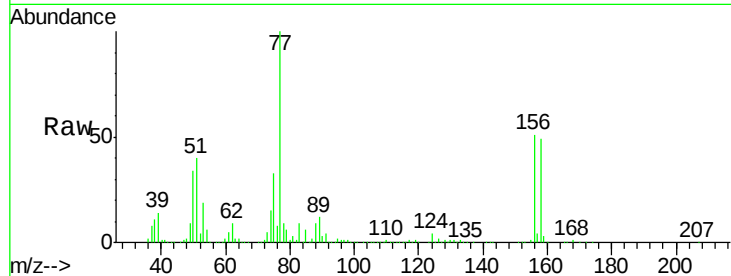
Tgt Ion:156 Resp: 650647

Ion Ratio Lower Upper

156 100

77 235.6 117.4 352.2

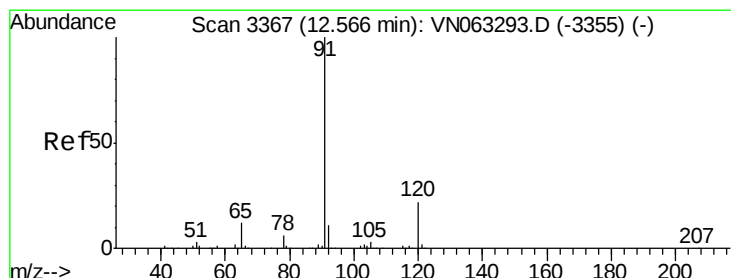
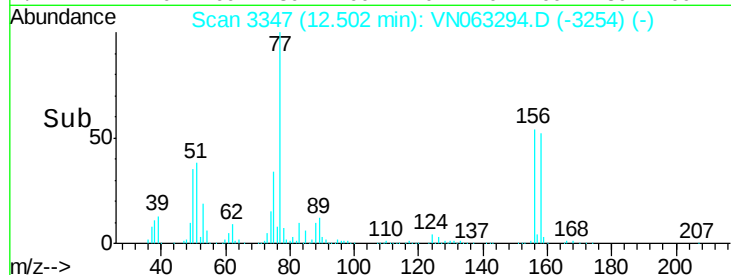
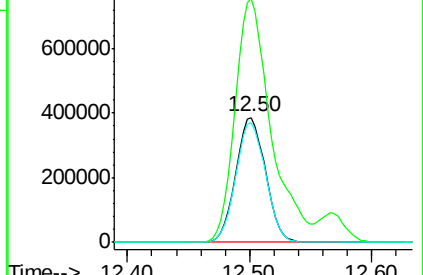
158 96.7 48.8 146.4



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: 99.285 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063294.D

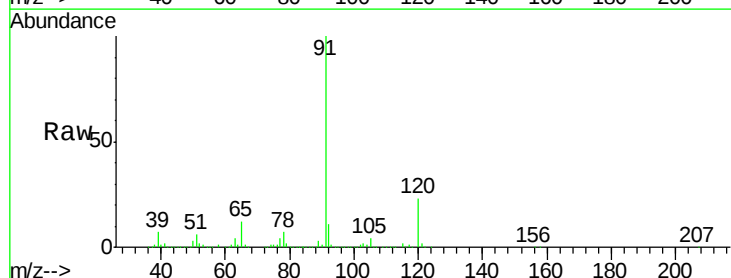
Acq: 10 Sep 2020 14:20

Tgt Ion: 91 Resp: 3271525

Ion Ratio Lower Upper

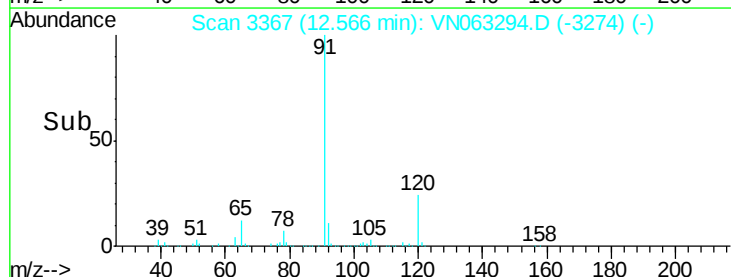
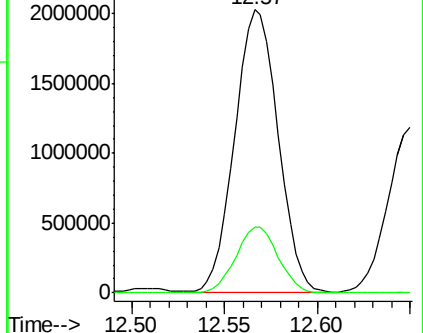
91 100

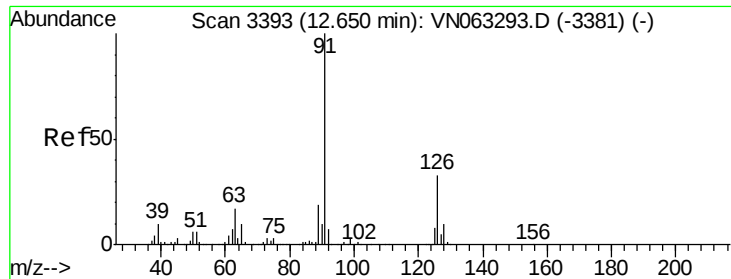
120 23.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.699 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

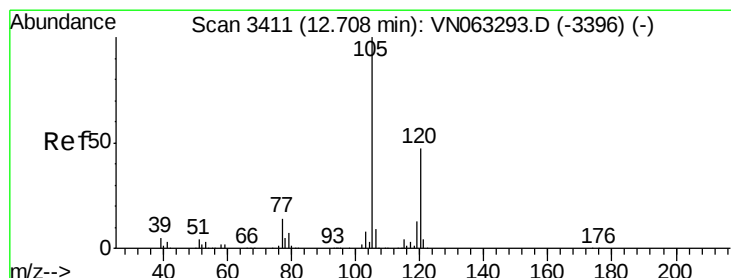
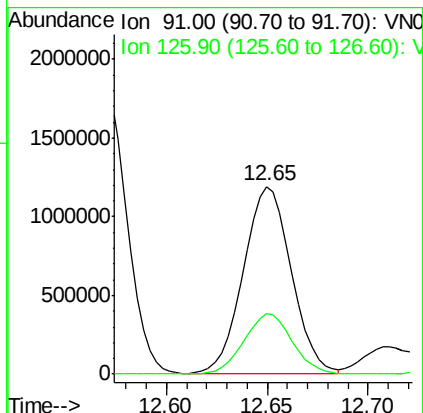
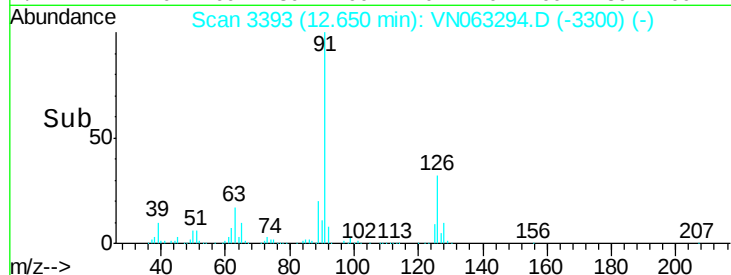
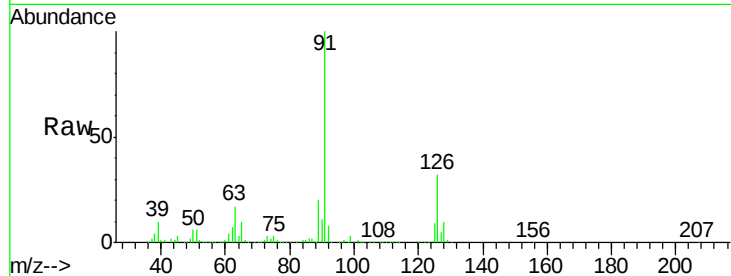
VSTDICC100

Tgt Ion: 91 Resp: 1972969

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 102.069 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063294.D

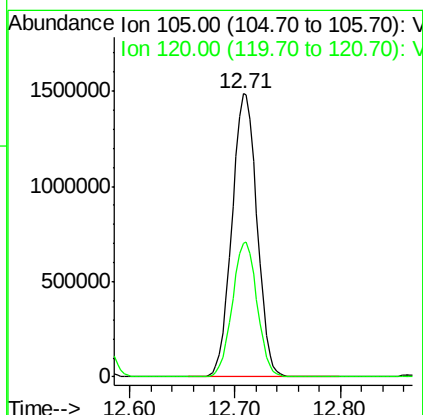
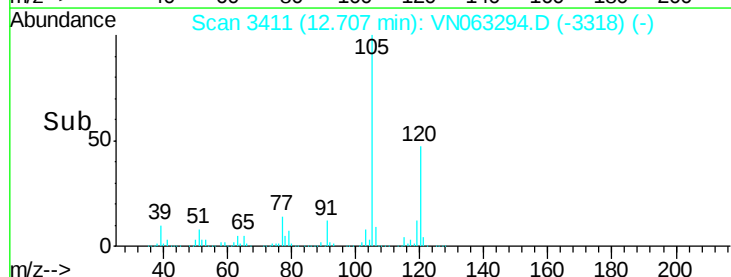
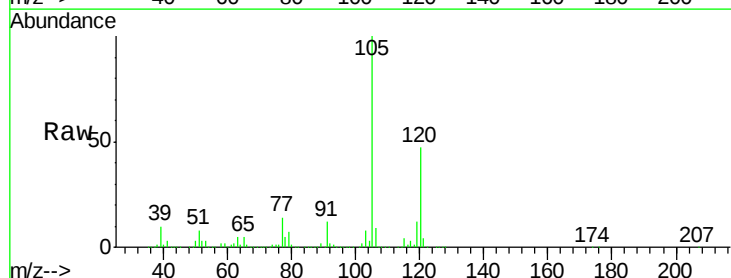
Acq: 10 Sep 2020 14:20

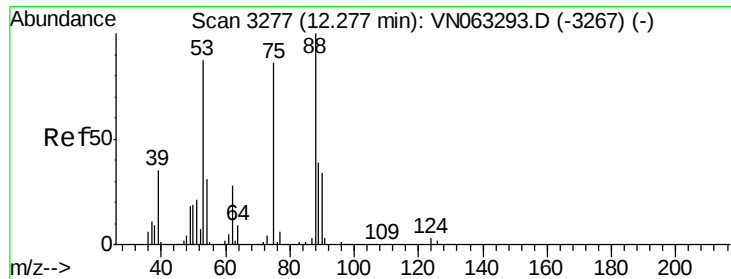
Tgt Ion: 105 Resp: 2429972

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 104.165 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

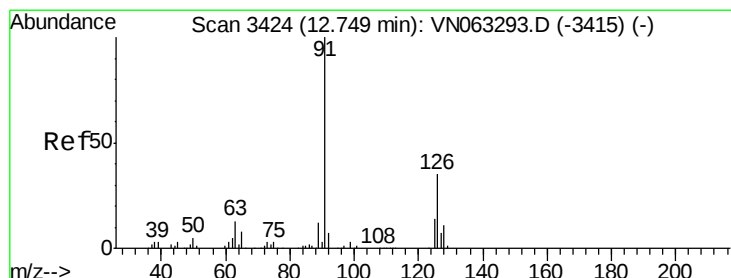
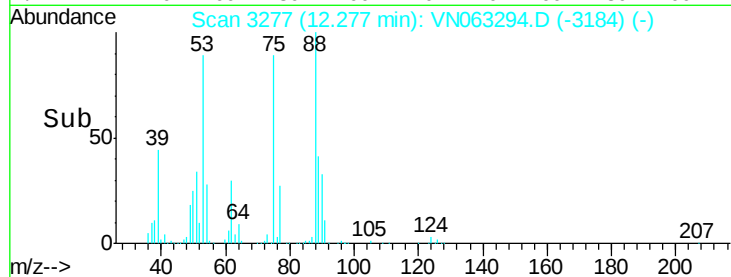
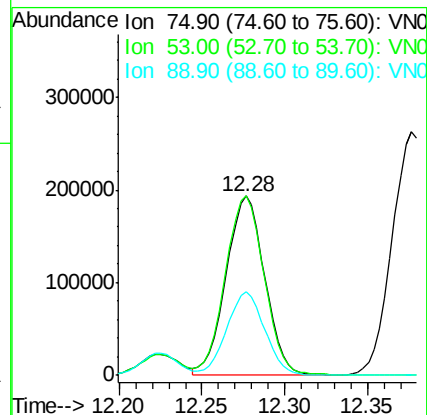
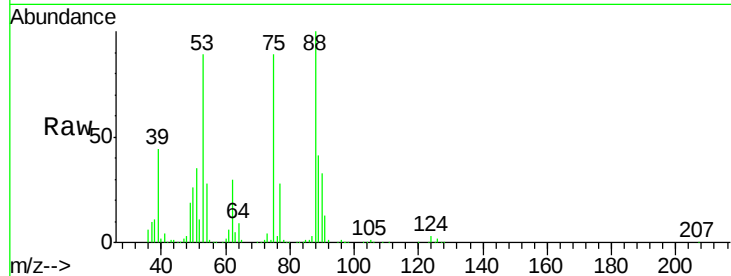
Tgt Ion: 75 Resp: 313674

Ion Ratio Lower Upper

75 100

53 101.0 81.8 122.8

89 45.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 102.311 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063294.D

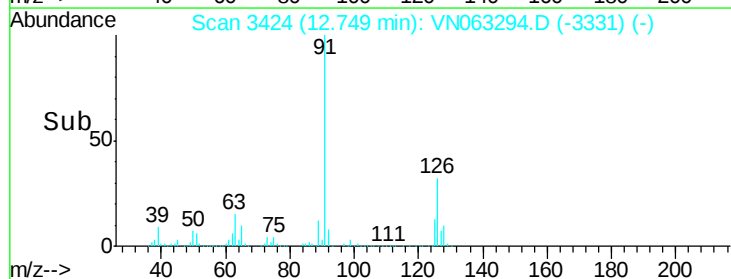
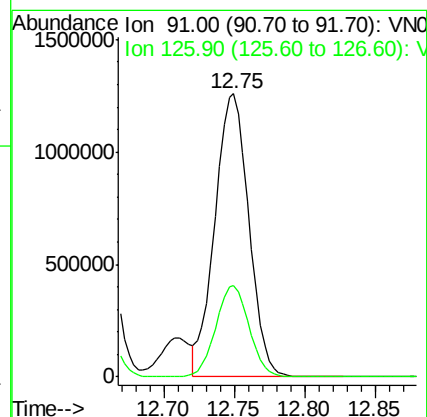
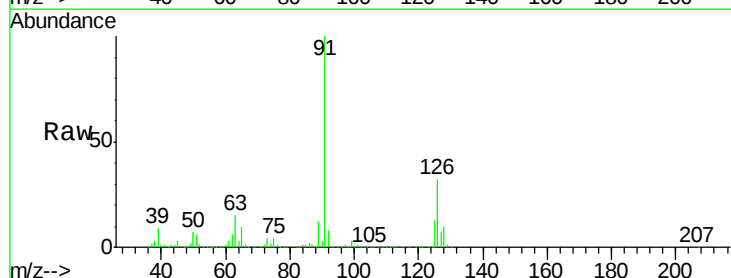
Acq: 10 Sep 2020 14:20

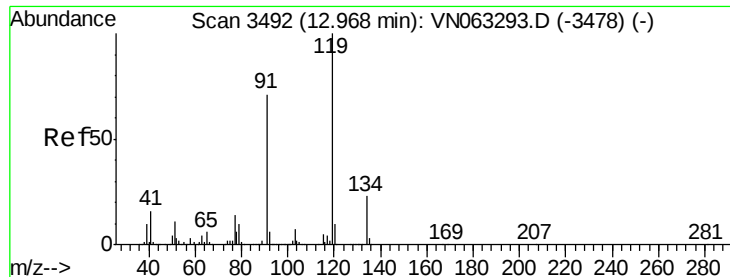
Tgt Ion: 91 Resp: 2097658

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7

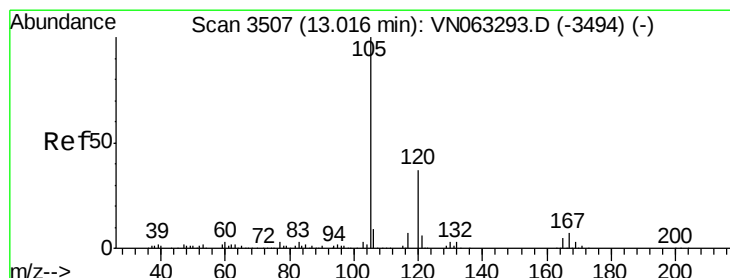
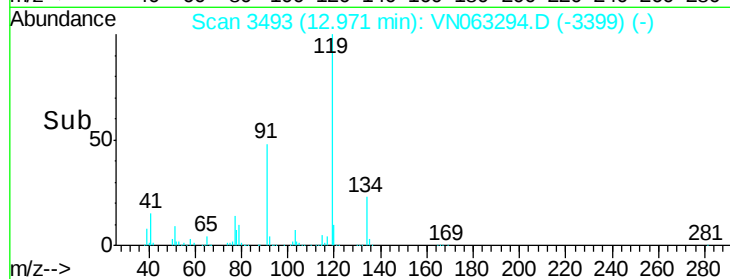
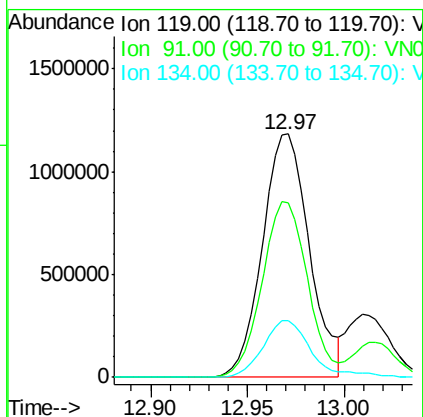
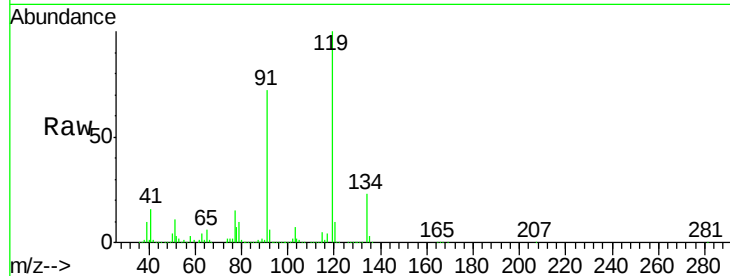




#83
 tert-Butylbenzene
 Concen: 98.342 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

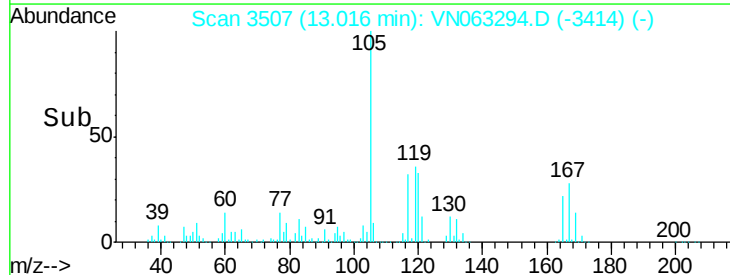
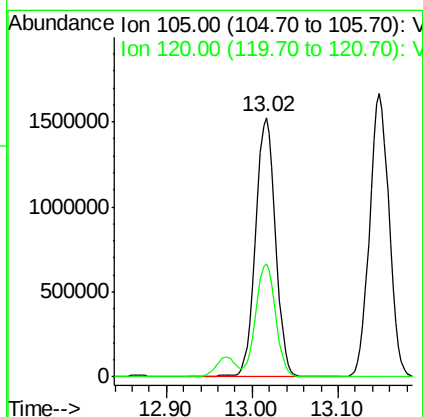
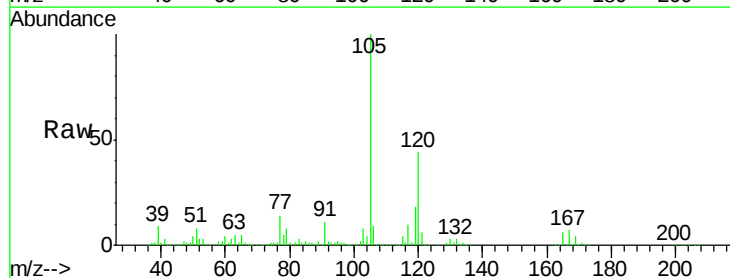
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

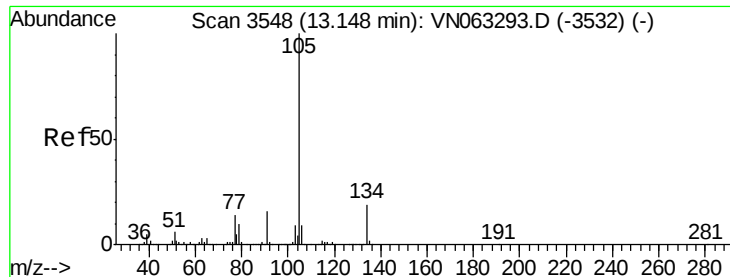
Tgt Ion:119 Resp: 1998351
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.8 104.3
 134 24.0 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 102.747 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:105 Resp: 2465278
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.4

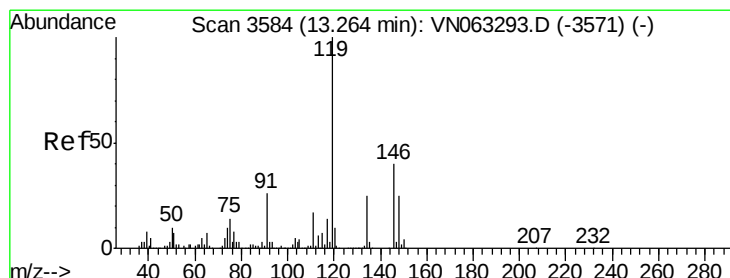
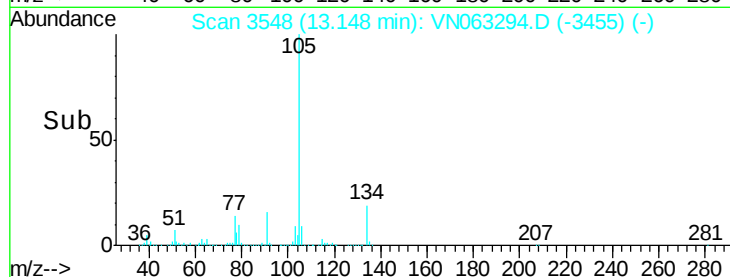
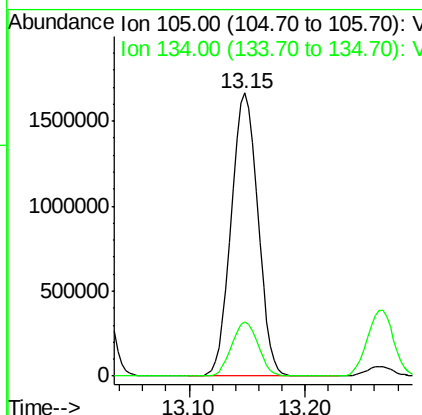
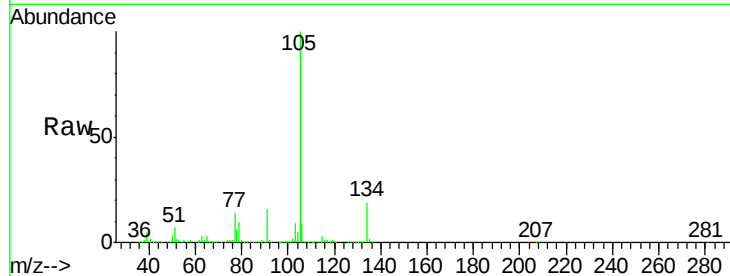




#85
 sec-Butylbenzene
 Concen: 100.208 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

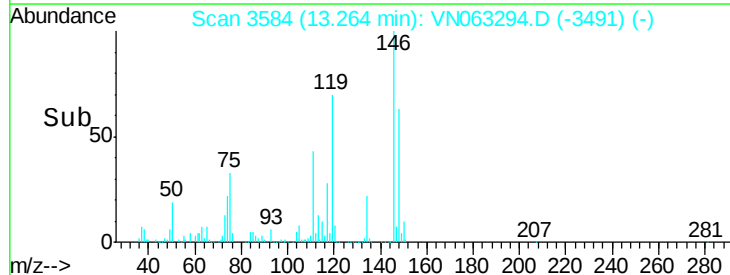
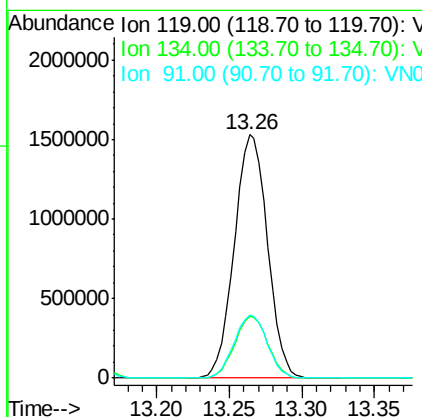
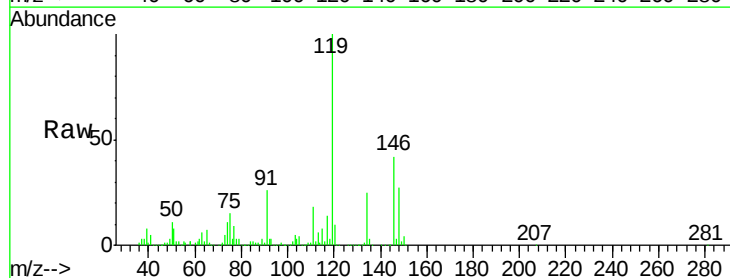
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

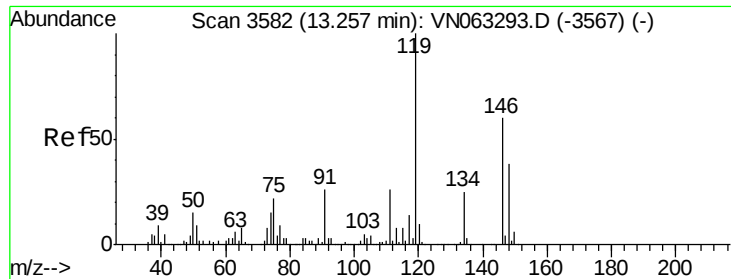
Tgt Ion:105 Resp: 2641441
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 103.050 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:119 Resp: 2417551
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.8 12.8 38.3

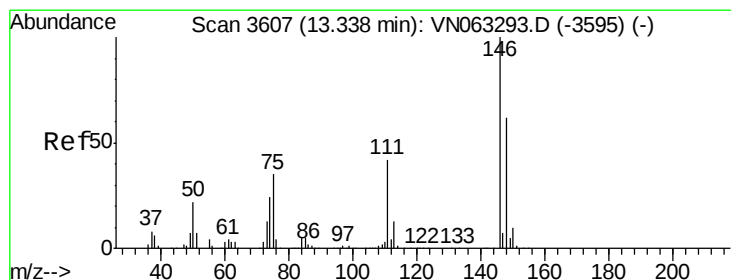
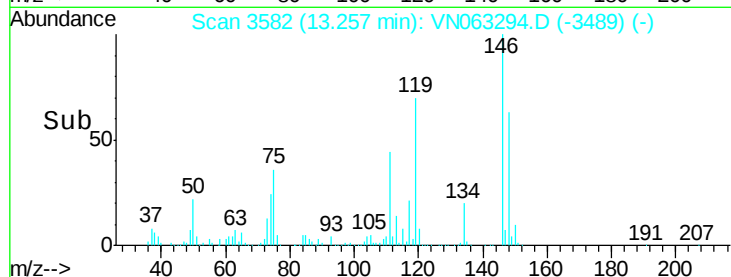
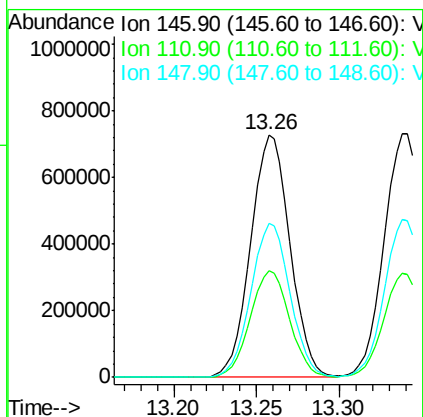
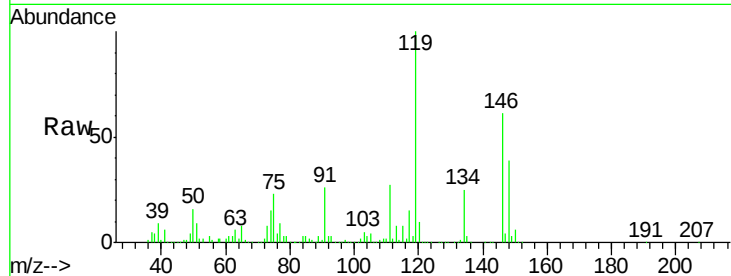




#87
 1,3-Dichlorobenzene
 Concen: 101.685 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

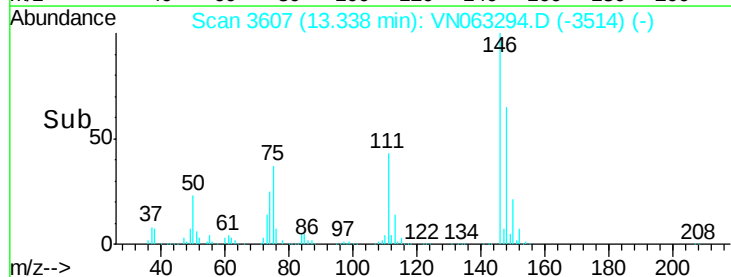
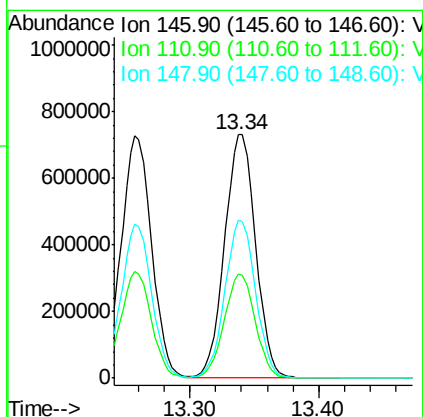
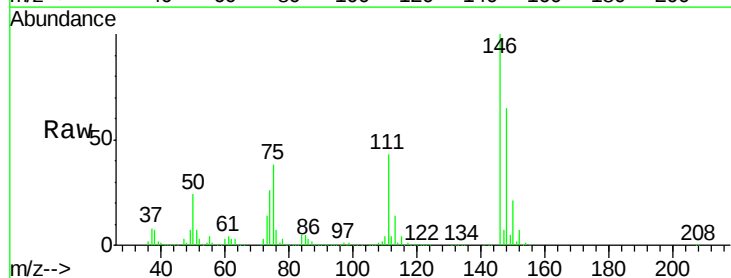
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

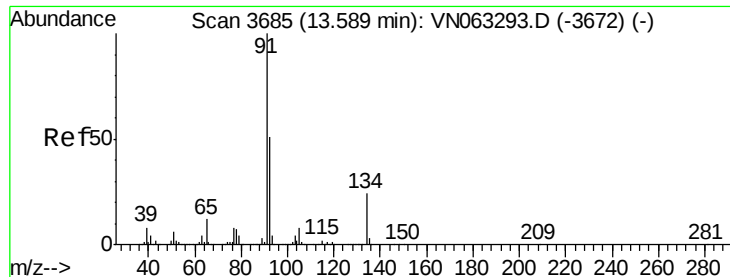
Tgt Ion:146 Resp: 1205964
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.4
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 99.662 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:146 Resp: 1219373
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 64.0
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 102.967 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

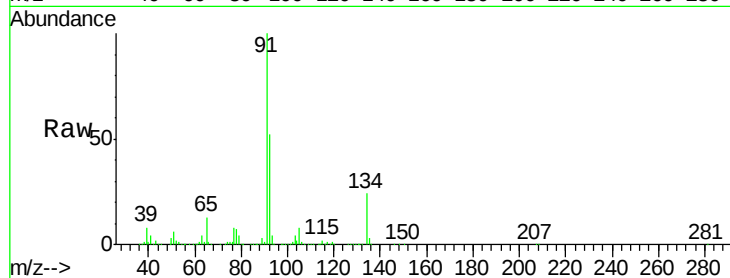
Tgt Ion: 91 Resp: 2234757

Ion Ratio Lower Upper

91 100

92 51.6 25.8 77.3

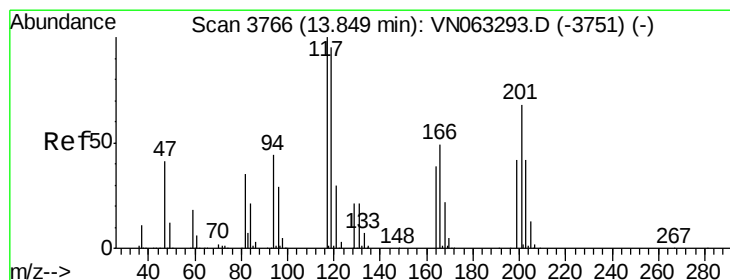
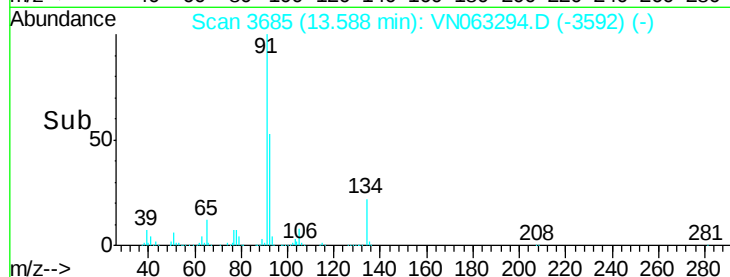
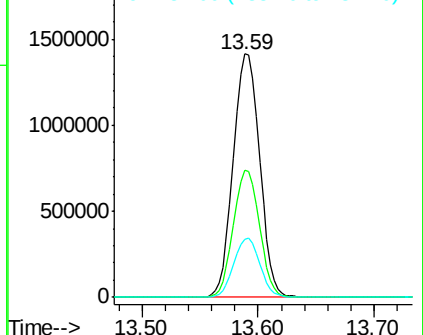
134 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063294.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063294.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063294.D (-3672) (-)



#90

Hexachloroethane

Concen: 101.393 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063294.D

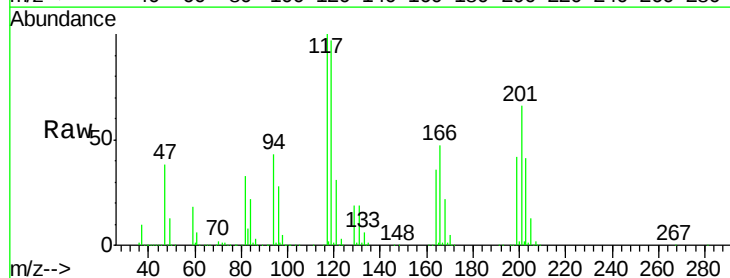
Acq: 10 Sep 2020 14:20

Tgt Ion: 117 Resp: 438552

Ion Ratio Lower Upper

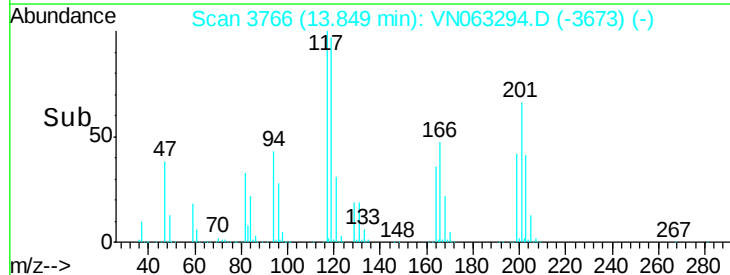
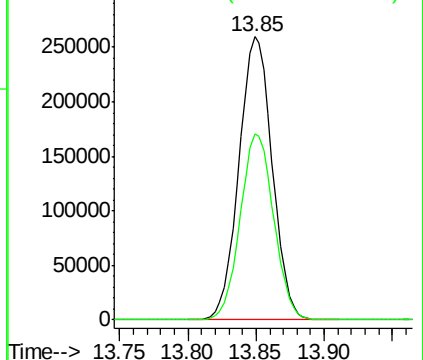
117 100

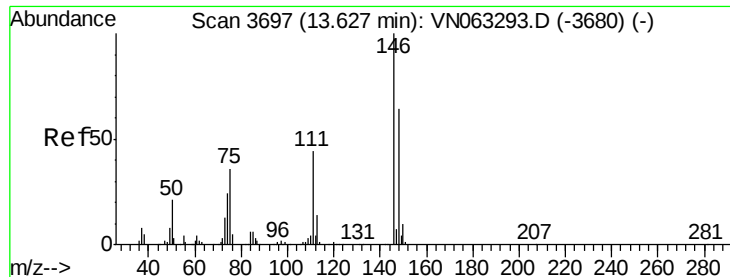
201 66.0 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063294.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063294.D (-3673) (-)

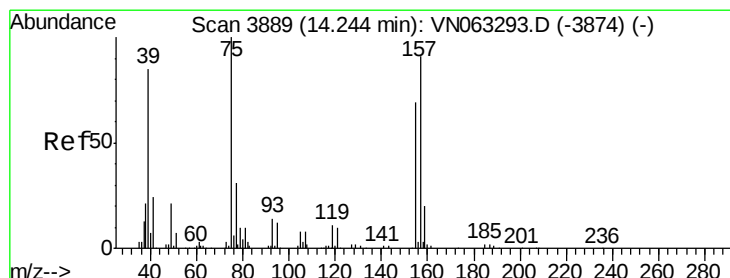
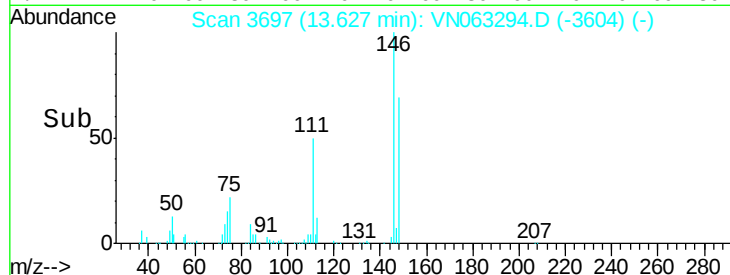
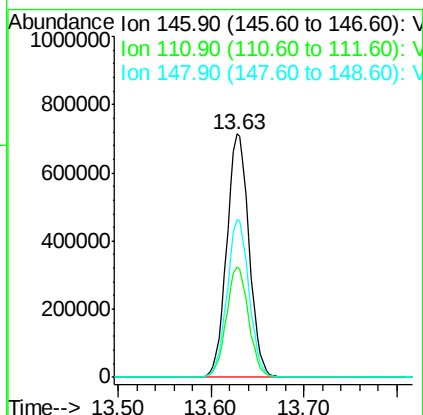
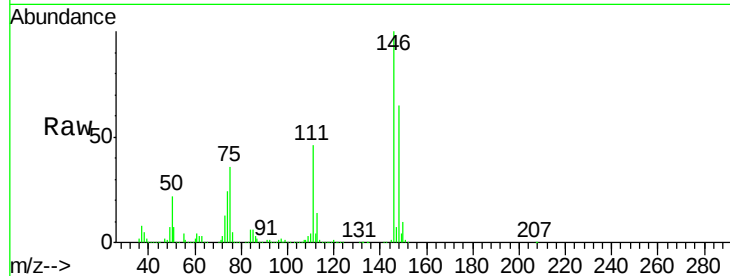




#91
 1,2-Dichlorobenzene
 Concen: 103.367 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

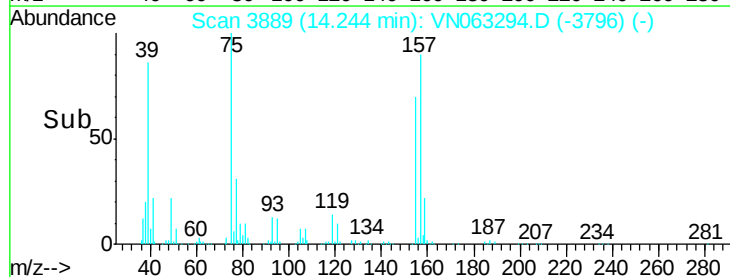
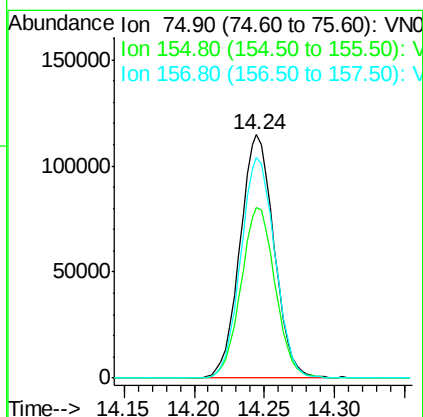
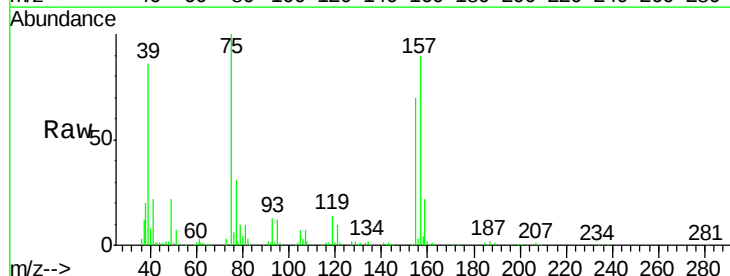
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

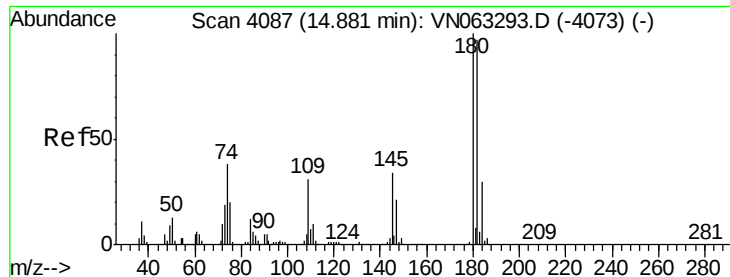
Tgt Ion:146 Resp: 1190067
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.1 66.5
 148 64.0 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.578 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 75 Resp: 193479
 Ion Ratio Lower Upper
 75 100
 155 70.9 35.3 105.7
 157 91.5 46.7 140.0

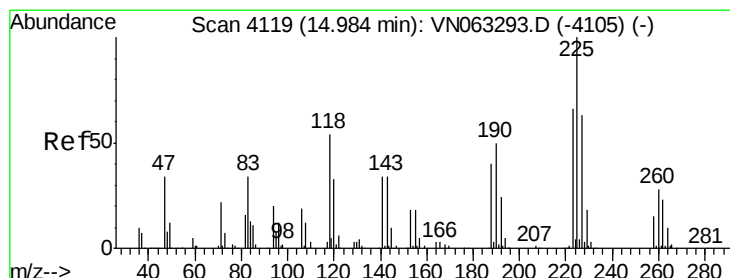
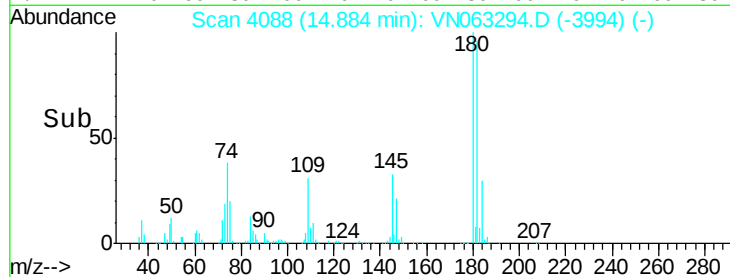
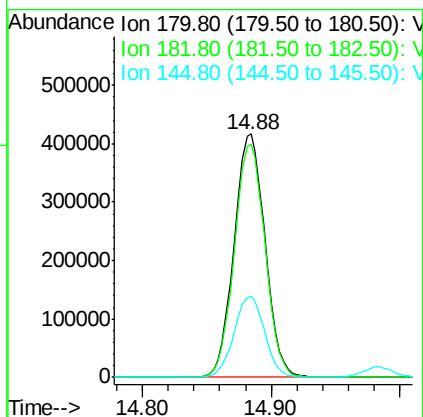
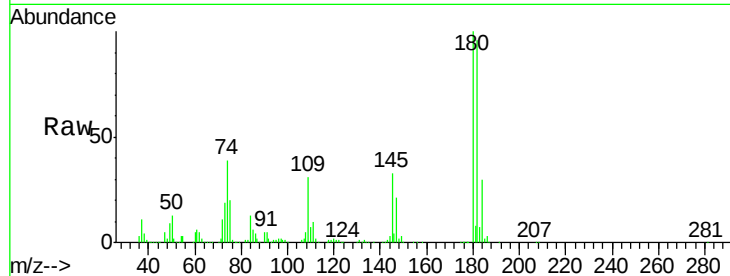




#93
 1,2,4-Trichlorobenzene
 Concen: 106.811 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

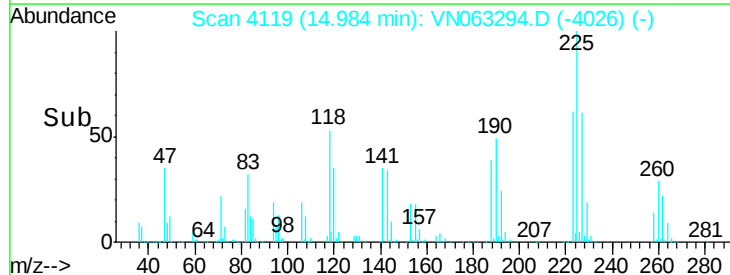
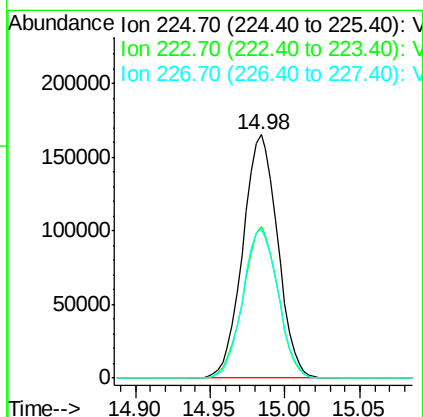
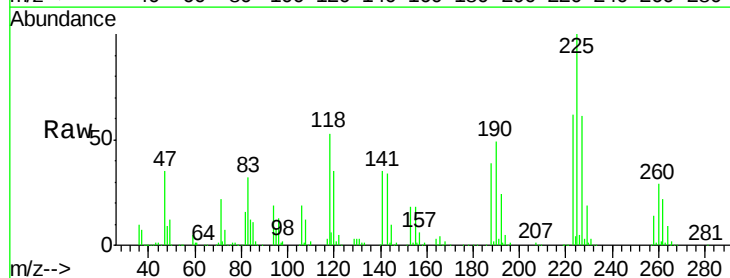
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

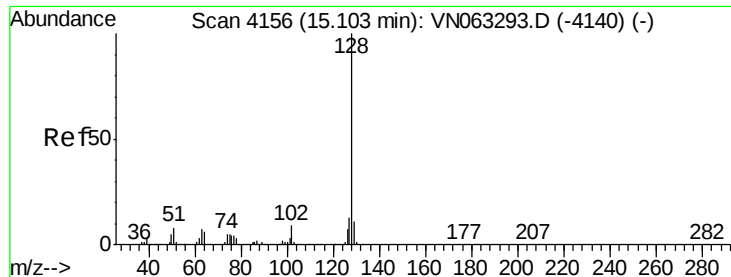
Tgt Ion:180 Resp: 694954
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 33.0 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 108.887 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:225 Resp: 267766
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.9
 227 62.1 31.2 93.6





#95

Naphthalene

Concen: 102.794 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

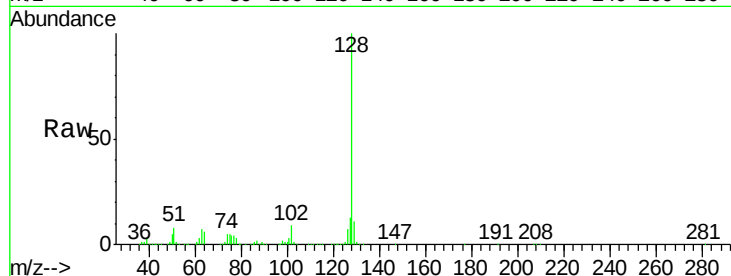
Tgt Ion:128 Resp: 2188529

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

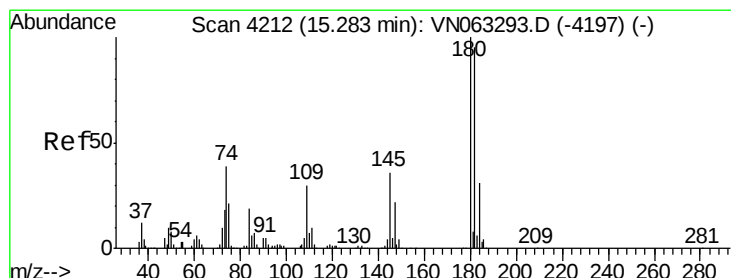
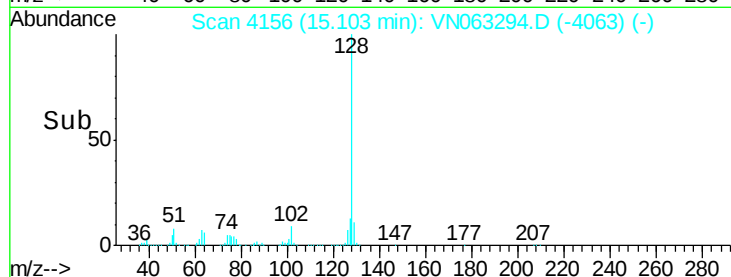
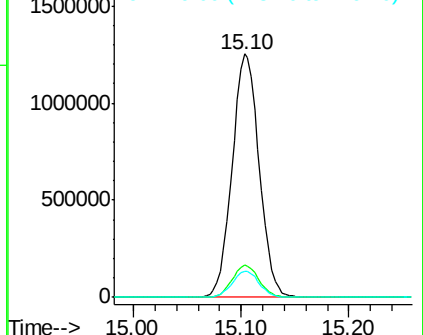
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 103.152 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

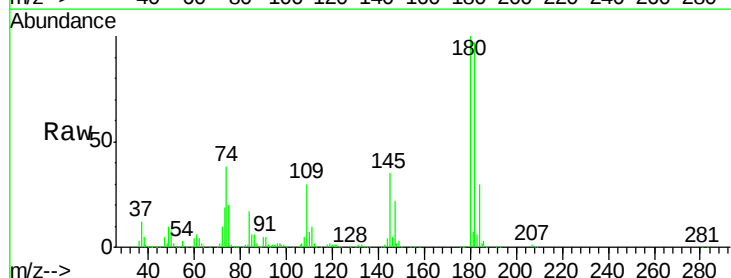
Tgt Ion:180 Resp: 653778

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 34.7 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

