

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057831.D
 Acq On : 10 Sep 2019 3:34
 Operator : JC/SP
 Sample : VN0910WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 07:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	301942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	501746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	317199	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.58	113	227239	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.08	98	927668	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	317746	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	82332	19.717	ug/l 98
3) Chloromethane	2.03	50	81453	19.139	ug/l 98
4) Vinyl Chloride	2.16	62	87099	19.337	ug/l 98
5) Bromomethane	2.54	94	51795	20.012	ug/l 99
6) Chloroethane	2.68	64	55521	19.344	ug/l 100
7) Trichlorofluoromethane	2.99	101	107484	18.962	ug/l 96
8) Diethyl Ether	3.39	74	45597	19.286	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68017	19.021	ug/l 99
10) Methyl Iodide	3.93	142	74898	18.822	ug/l 100
11) Tert butyl alcohol	4.77	59	73595	99.428	ug/l 98
12) 1,1-Dichloroethene	3.71	96	59370	18.466	ug/l 94
13) Acrolein	3.58	56	55377	88.185	ug/l 99
14) Allyl chloride	4.30	41	107670	17.112	ug/l 99
15) Acrylonitrile	4.97	53	202296	99.435	ug/l 97
16) Acetone	3.80	43	170484	85.038	ug/l 97
17) Carbon Disulfide	4.03	76	87615	17.612	ug/l 97
18) Methyl Acetate	4.30	43	109122	20.414	ug/l 99
19) Methyl tert-butyl Ether	5.02	73	267421	19.986	ug/l 99
20) Methylene Chloride	4.53	84	82407	20.875	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	63240	18.195	ug/l 98
22) Diisopropyl ether	5.93	45	296720	20.109	ug/l 99
23) Vinyl Acetate	5.87	43	1031742	98.663	ug/l 99
24) 1,1-Dichloroethane	5.82	63	154845	19.201	ug/l 99
25) 2-Butanone	6.82	43	274154	94.482	ug/l 98
26) 2,2-Dichloropropane	6.81	77	84837	13.293	ug/l 98
27) cis-1,2-Dichloroethene	6.81	96	88042	18.902	ug/l 97
28) Bromochloromethane	7.18	49	87604	21.744	ug/l 97
29) Tetrahydrofuran	7.20	42	175546	98.179	ug/l 99
30) Chloroform	7.36	83	165161	19.588	ug/l 99
31) Cyclohexane	7.64	56	111749	18.946	ug/l 99
32) 1,1,1-Trichloroethane	7.56	97	125233	18.727	ug/l 99
36) 1,1-Dichloropropene	7.78	75	104255	17.917	ug/l 98
37) Ethyl Acetate	6.91	43	109734	18.252	ug/l 98
38) Carbon Tetrachloride	7.76	117	97610	18.373	ug/l 94

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	105172	17.193	ug/l	99
40) Benzene	8.03	78	334394	19.088	ug/l	99
41) Methacrylonitrile	7.19	41	164822	60.395	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	134228	19.158	ug/l	99
43) Isopropyl Acetate	8.15	43	191770	18.968	ug/l #	88
44) Trichloroethene	8.83	130	79863	18.586	ug/l	95
45) 1,2-Dichloropropane	9.11	63	99304	19.480	ug/l	95
46) Dibromomethane	9.20	93	59320	19.257	ug/l	99
47) Bromodichloromethane	9.40	83	117205	19.054	ug/l	96
48) Methyl methacrylate	9.19	41	94524	18.431	ug/l	98
49) 1,4-Dioxane	9.19	88	31727	365.817	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	600807	100.420	ug/l	100
52) Toluene	10.15	92	213126	19.315	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	113277	17.487	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	126646	17.708	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	88804	19.000	ug/l	98
56) Ethyl methacrylate	10.43	69	132506	18.826	ug/l	98
57) 1,3-Dichloropropane	10.71	76	155759	19.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	324714	97.953	ug/l	100
59) 2-Hexanone	10.75	43	428183	95.482	ug/l	99
60) Dibromochloromethane	10.90	129	79155	18.238	ug/l	98
61) 1,2-Dibromoethane	11.00	107	84609	19.148	ug/l	100
64) Tetrachloroethene	10.63	164	65901	18.804	ug/l	98
65) Chlorobenzene	11.43	112	234848	18.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	80483	18.672	ug/l	100
67) Ethyl Benzene	11.51	91	418032	19.202	ug/l	98
68) m/p-Xylenes	11.62	106	300518	37.686	ug/l	98
69) o-Xylene	11.95	106	151411	19.099	ug/l	99
70) Styrene	11.97	104	257918	18.904	ug/l	98
71) Bromoform	12.13	173	46657	17.362	ug/l #	98
73) Isopropylbenzene	12.25	105	415162	20.096	ug/l	100
74) N-amyl acetate	12.07	43	171095	19.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	132416	19.037	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	157556	26.161	ug/l #	100
77) Bromobenzene	12.53	156	96610	18.757	ug/l	98
78) n-propylbenzene	12.59	91	472756	19.929	ug/l	100
79) 2-Chlorotoluene	12.68	91	290457	19.372	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	351406	20.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24287	14.191	ug/l #	78
82) 4-Chlorotoluene	12.78	91	295393	19.185	ug/l	100
83) tert-Butylbenzene	13.00	119	305093	19.663	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	354456	19.980	ug/l	98
85) sec-Butylbenzene	13.18	105	407405	19.810	ug/l	99
86) p-Isopropyltoluene	13.29	119	360814	19.912	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	180016	19.041	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	179372	18.692	ug/l	99
89) n-Butylbenzene	13.62	91	322895	18.869	ug/l	99
90) Hexachloroethane	13.88	117	49089	18.216	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	180387	19.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	21176	18.435	ug/l	98

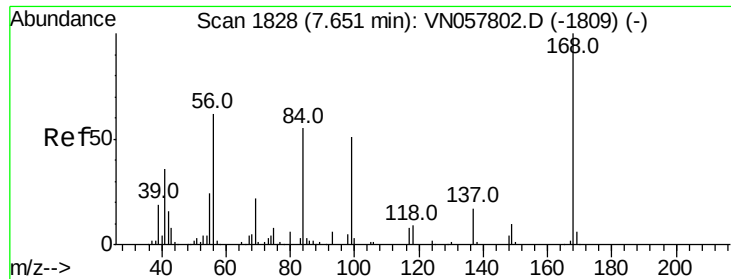
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	105555	17.098	ug/l	99
94) Hexachlorobutadiene	15.01	225	46073	17.606	ug/l	99
95) Naphthalene	15.13	128	301518	18.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	102636	19.662	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

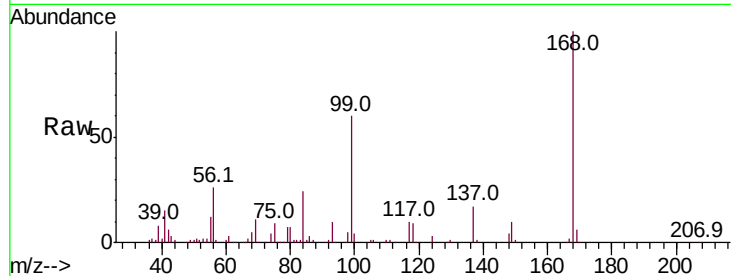
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 301942

Ion Ratio Lower Upper

168 100

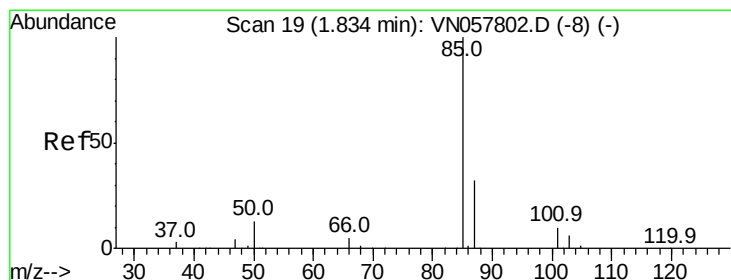
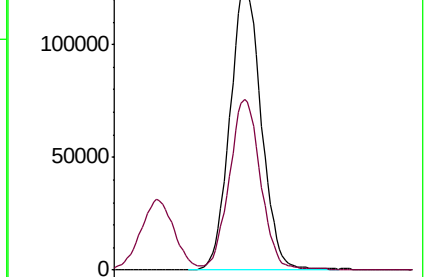
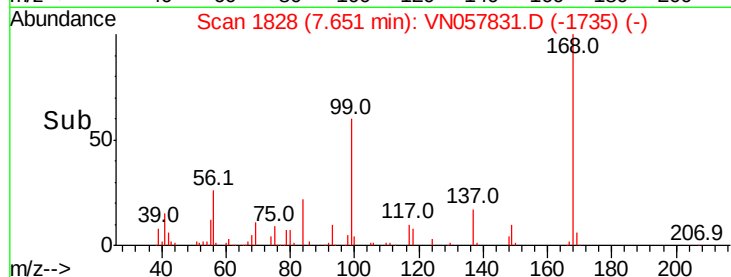
99 60.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65



#2

Dichlorodifluoromethane

Concen: 19.717 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057831.D

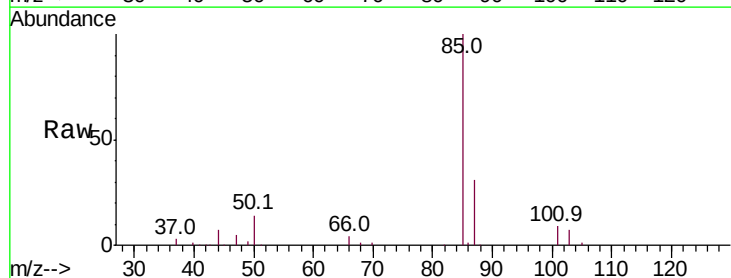
Acq: 10 Sep 2019 3:34

Tgt Ion: 85 Resp: 82332

Ion Ratio Lower Upper

85 100

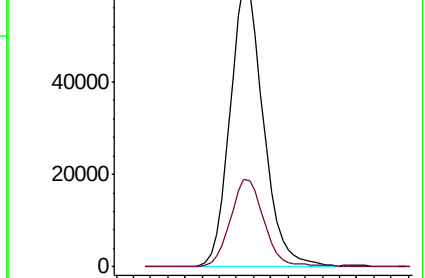
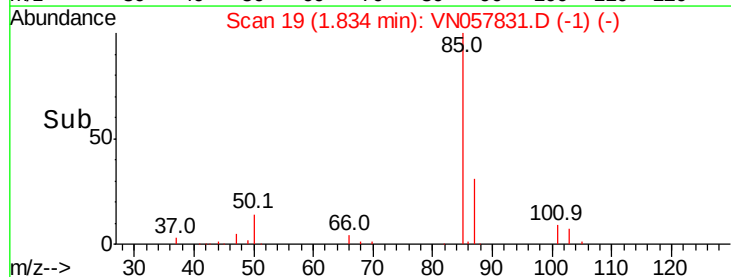
87 30.8 16.0 47.9

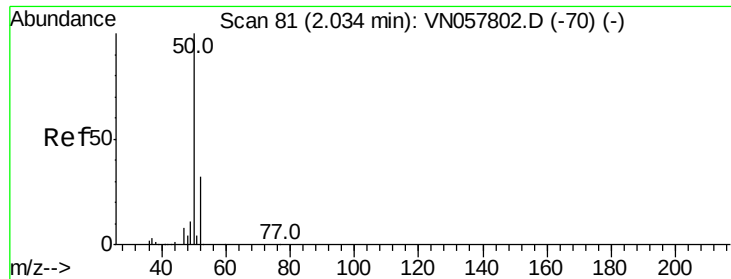


Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83





#3

Chloromethane

Concen: 19.139 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

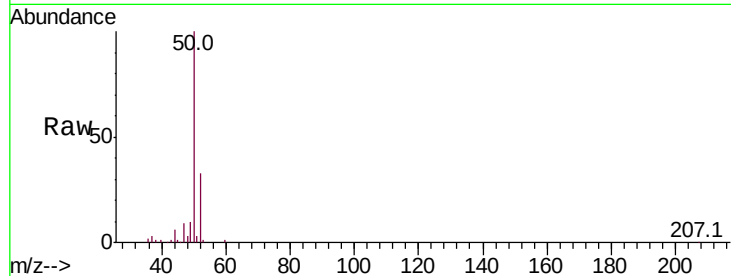
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 81453

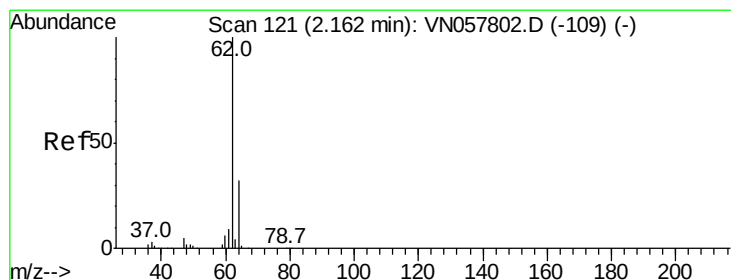
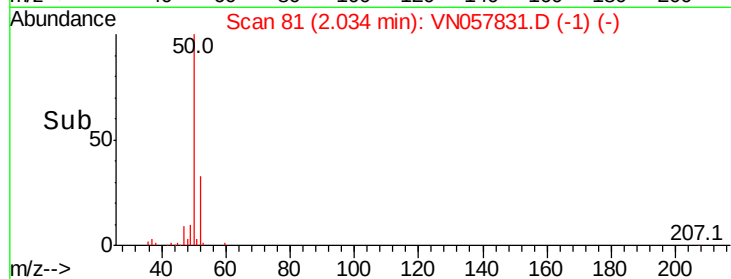
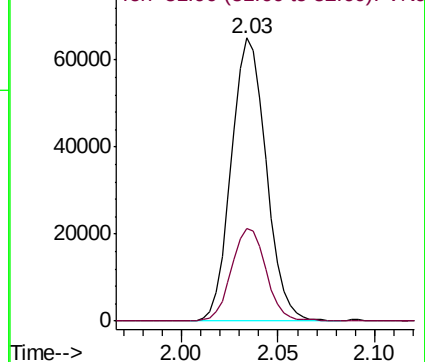
Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.337 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057831.D

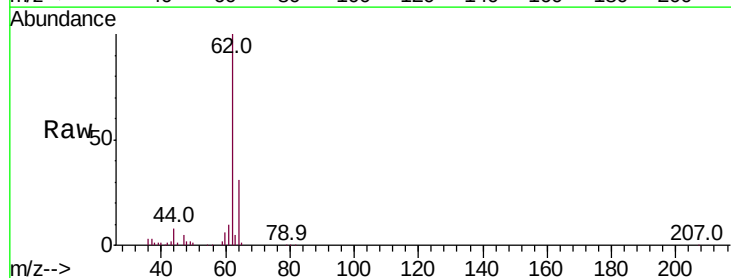
Acq: 10 Sep 2019 3:34

Tgt Ion: 62 Resp: 87099

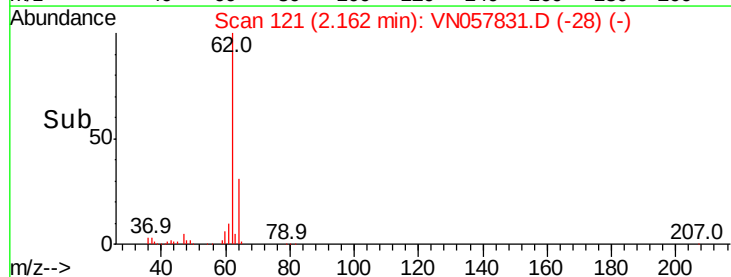
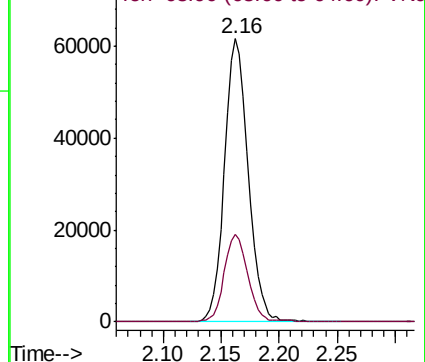
Ion Ratio Lower Upper

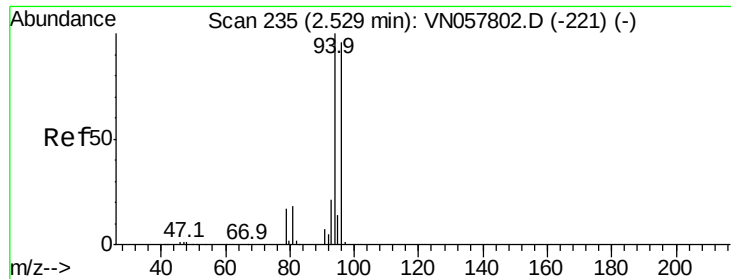
62 100

64 30.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.012 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

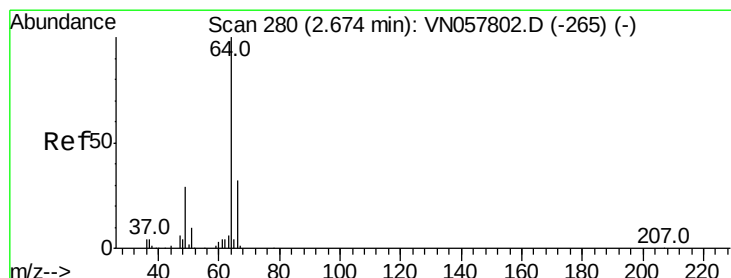
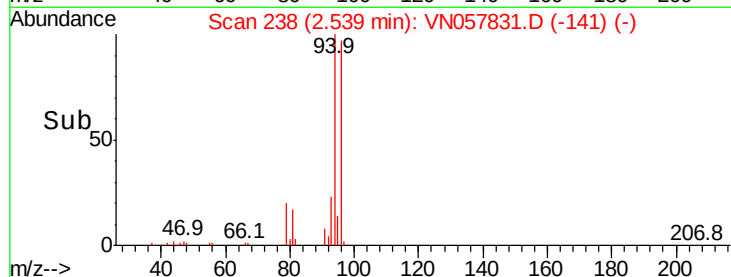
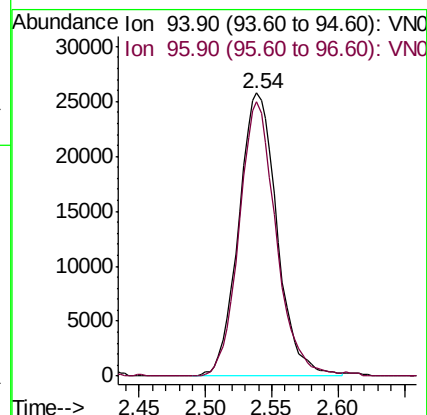
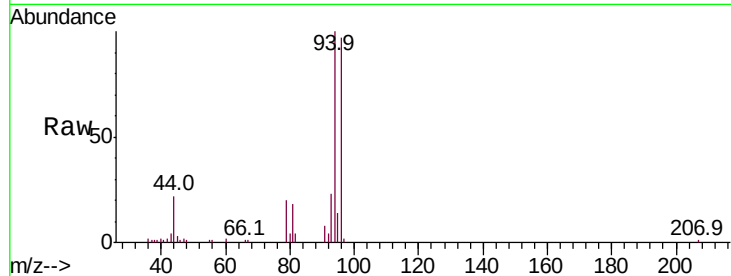
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 51795

Ion Ratio Lower Upper

94 100

96 97.1 77.0 115.4



#6

Chloroethane

Concen: 19.344 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN057831.D

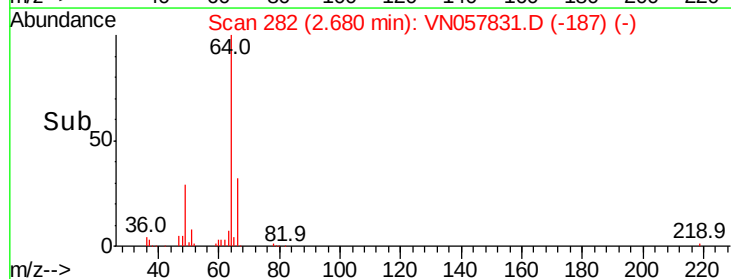
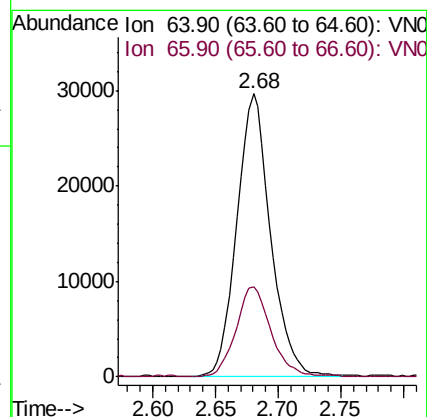
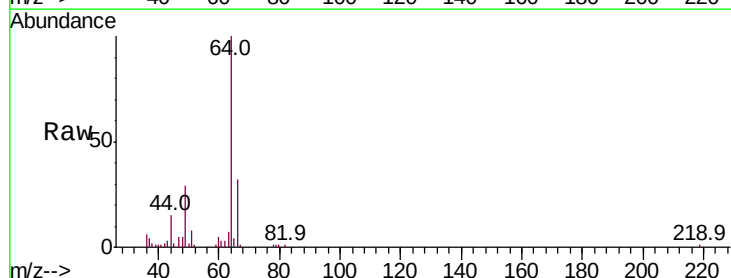
Acq: 10 Sep 2019 3:34

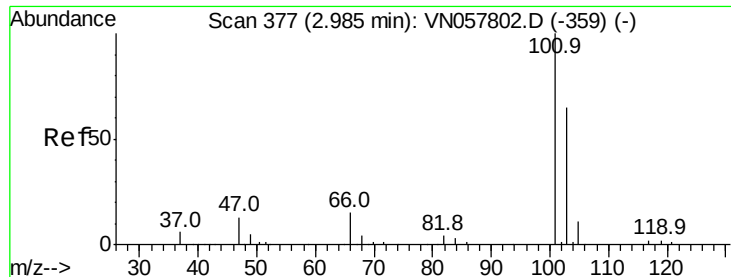
Tgt Ion: 64 Resp: 55521

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



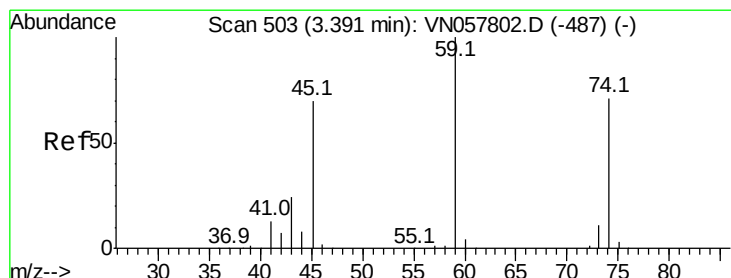
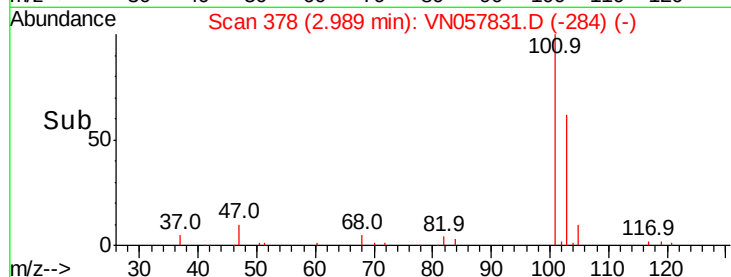
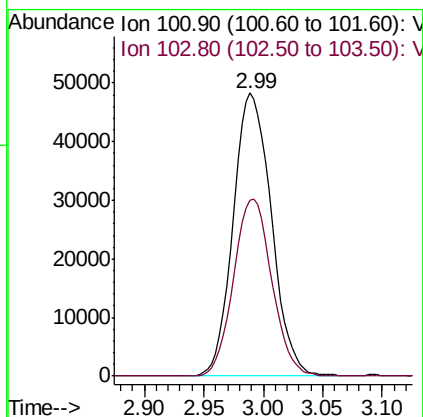
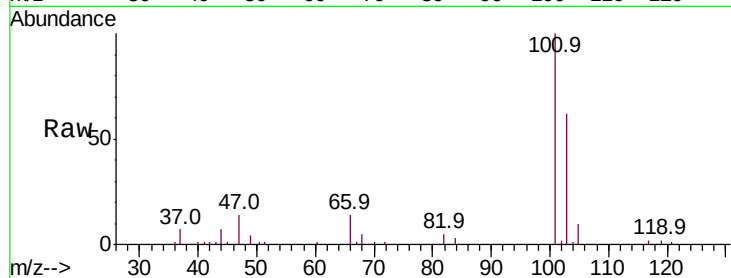


#7

Trichlorofluoromethane
Concen: 18.962 ug/l
RT: 2.99 min Scan# 378
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

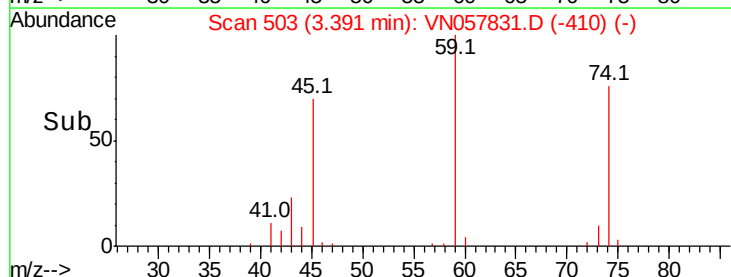
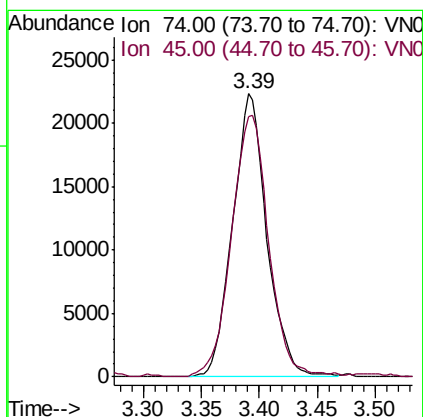
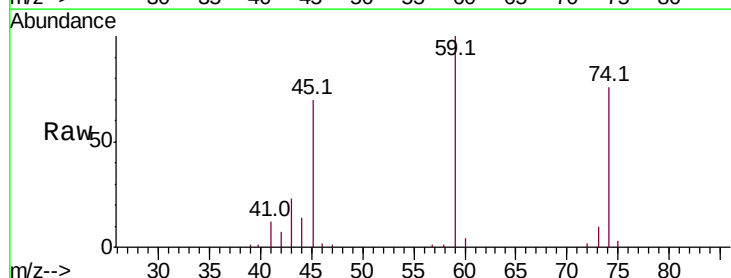
Tot Ion:101 Resp: 107484
Ion Ratio Lower Upper
101 100
103 62.0 51.9 77.9

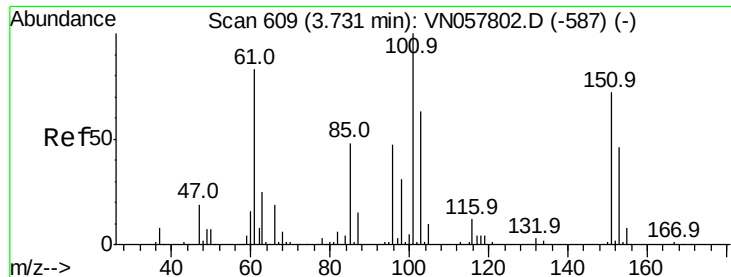


#8

Diethyl Ether
Concen: 19.286 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 74 Resp: 45597
Ion Ratio Lower Upper
74 100
45 100.3 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.021 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampleId :

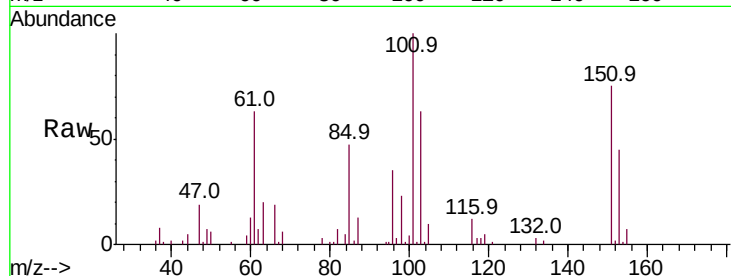
Tot Ion:101 Resp: 68017

Ion Ratio Lower Upper

101 100

85 47.8 38.1 57.1

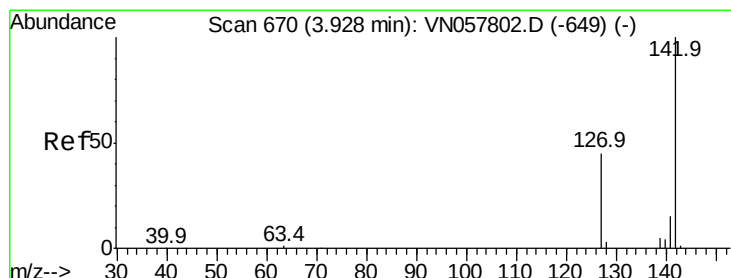
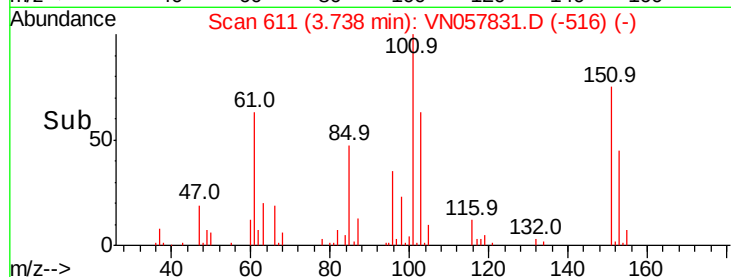
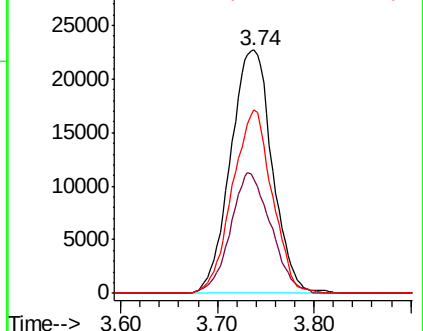
151 72.0 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.822 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

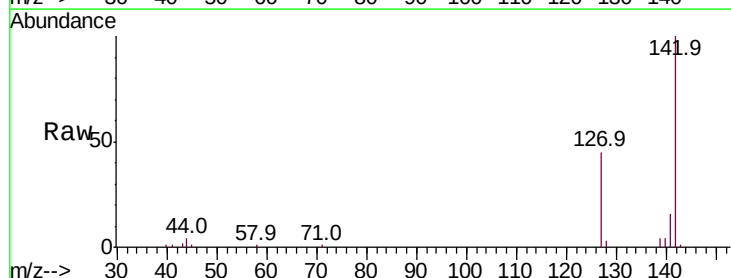
Tgt Ion:142 Resp: 74898

Ion Ratio Lower Upper

142 100

127 45.7 36.7 55.1

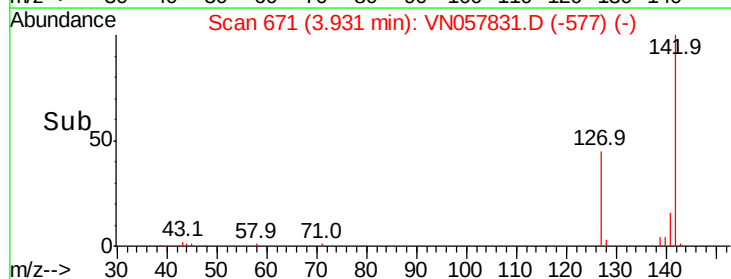
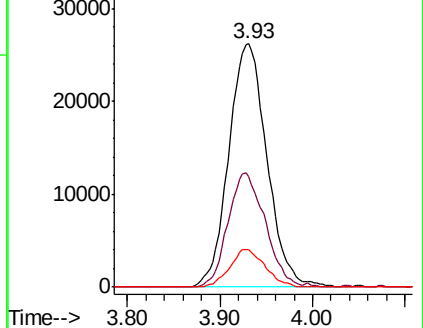
141 14.4 11.4 17.0

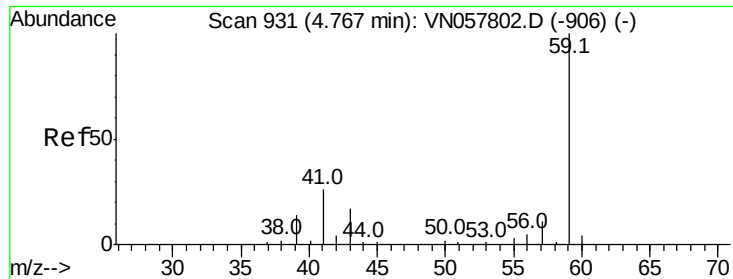


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

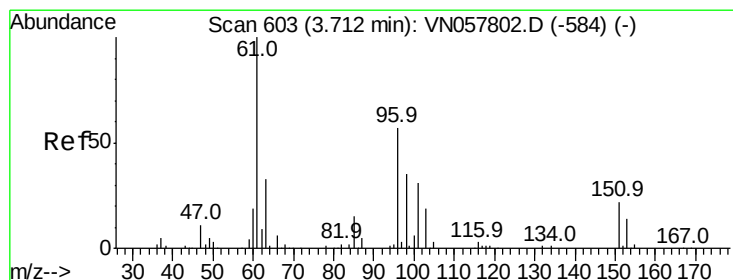
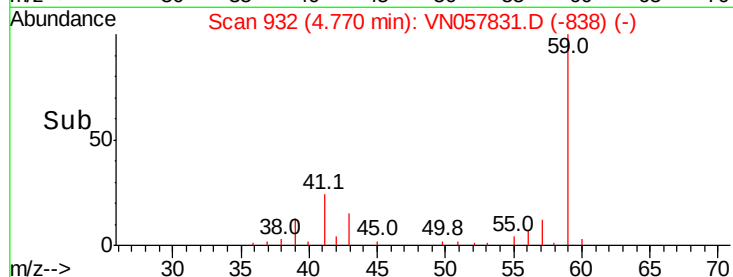
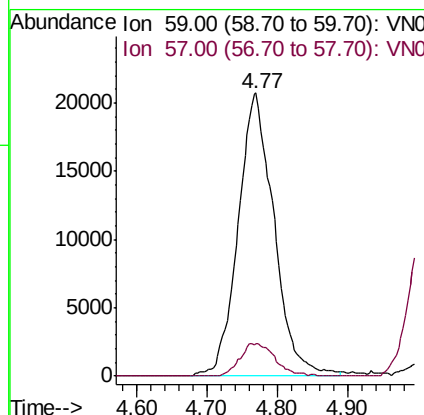
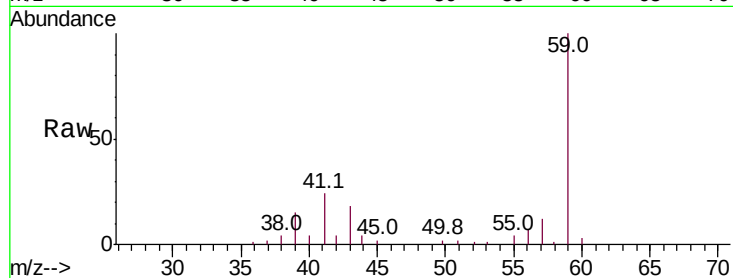




#11
Tert butyl alcohol
Concen: 99.428 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

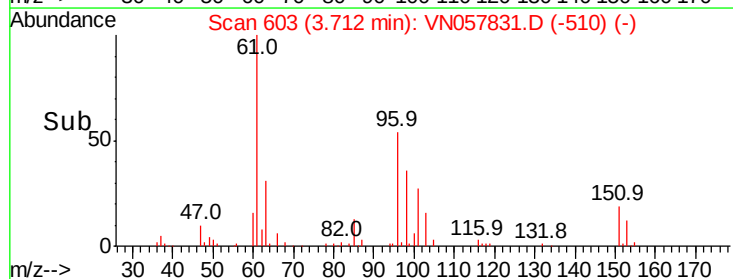
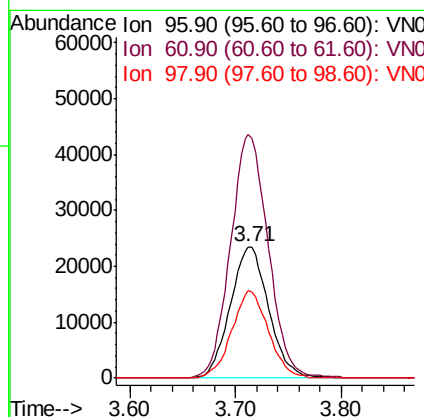
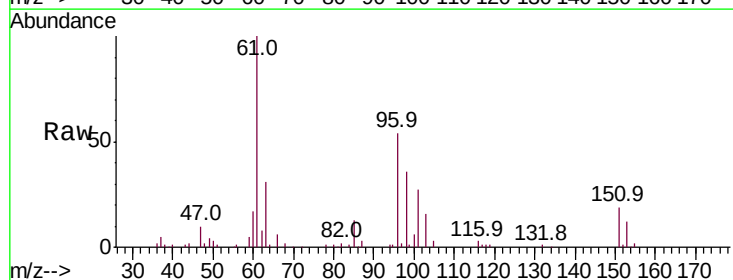
Instrument :
MSVOA_N
ClientSampled :

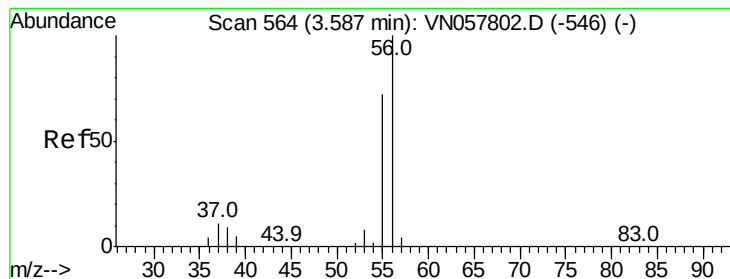
Tot Ion: 59 Resp: 73595
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 96 Resp: 59370
Ion Ratio Lower Upper
96 100
61 185.1 141.2 211.8
98 66.2 49.9 74.9





#13

Acrolein

Concen: 88.185 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

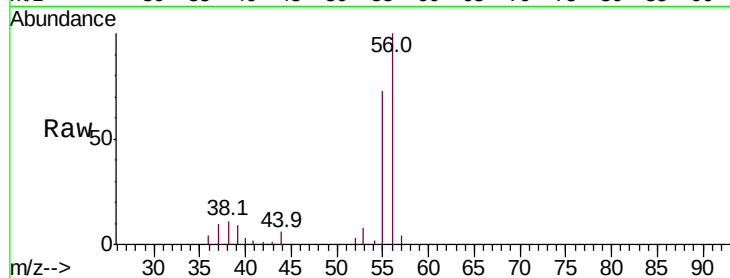
ClientSampleId :

Tot Ion: 56 Resp: 55377

Ion Ratio Lower Upper

56 100

55 72.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057802.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-546) (-)

3.58

25000

20000

15000

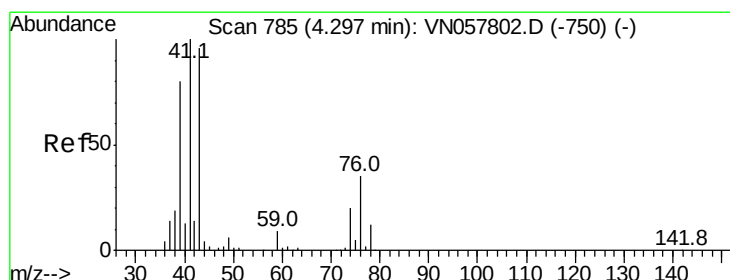
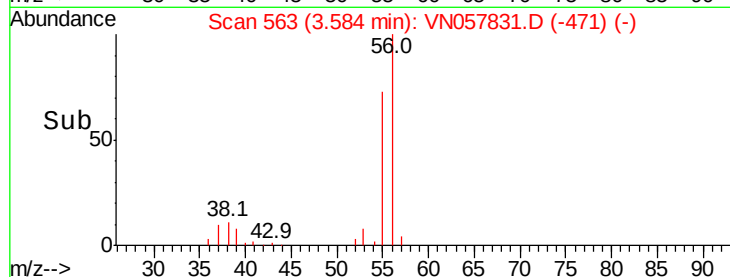
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.112 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

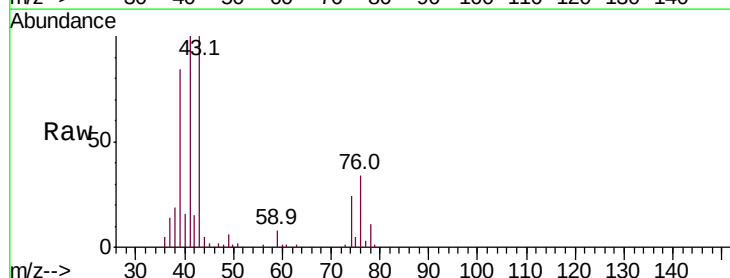
Tgt Ion: 41 Resp: 107670

Ion Ratio Lower Upper

41 100

39 74.5 59.4 89.2

76 31.8 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN057802.D (-750) (-)

4.30

40000

30000

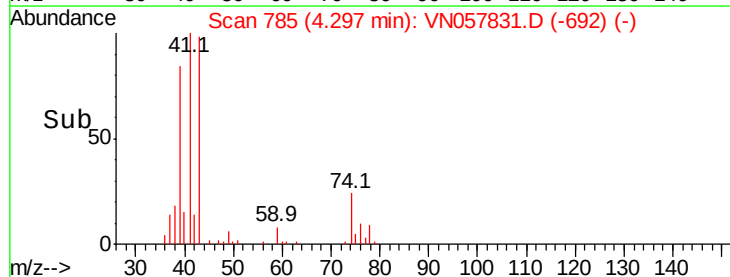
20000

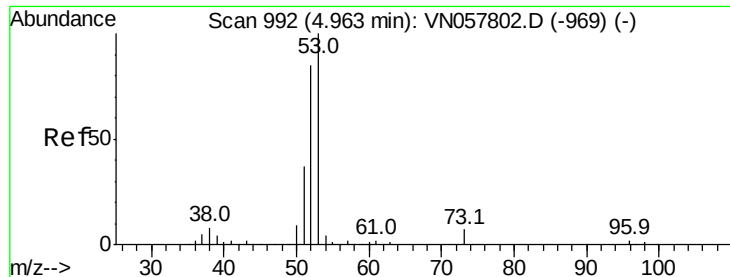
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 99.435 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampleId :

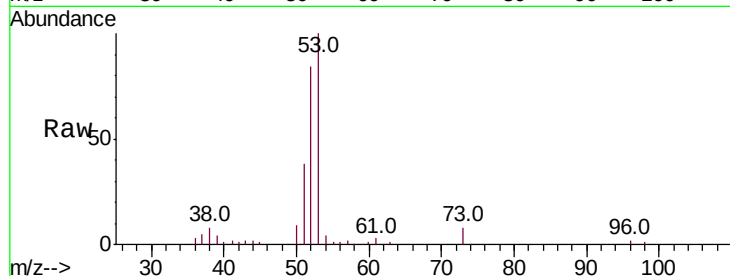
Tot Ion: 53 Resp: 202296

Ion Ratio Lower Upper

53 100

52 80.2 66.6 100.0

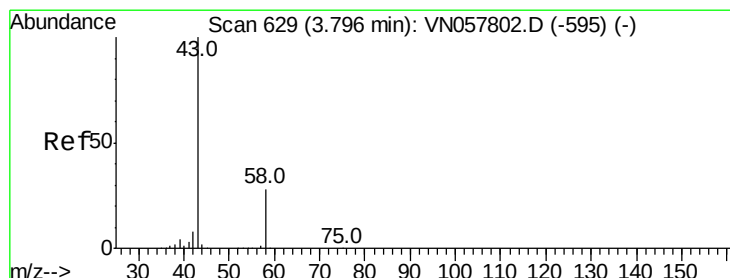
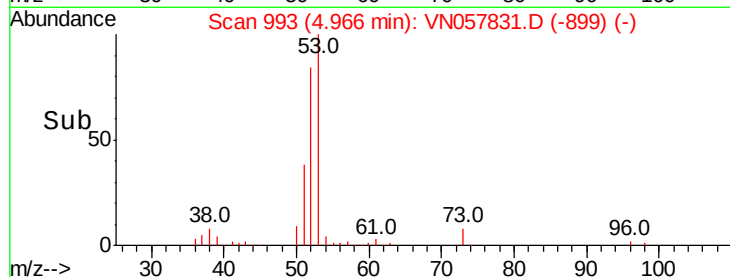
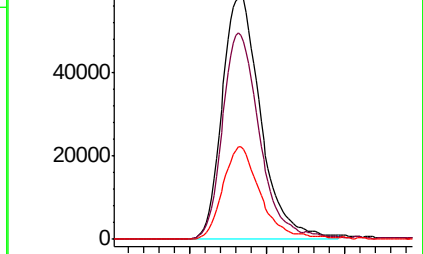
51 36.8 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)



#16

Acetone

Concen: 85.038 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057831.D

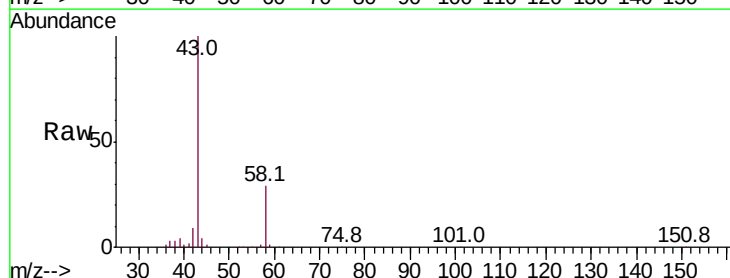
Acq: 10 Sep 2019 3:34

Tgt Ion: 43 Resp: 170484

Ion Ratio Lower Upper

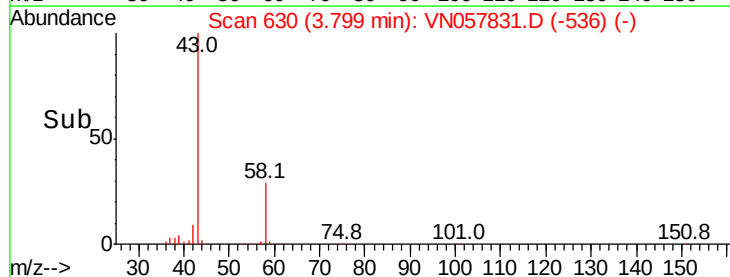
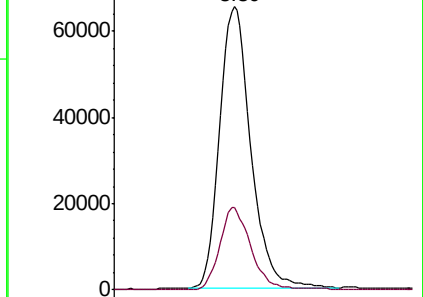
43 100

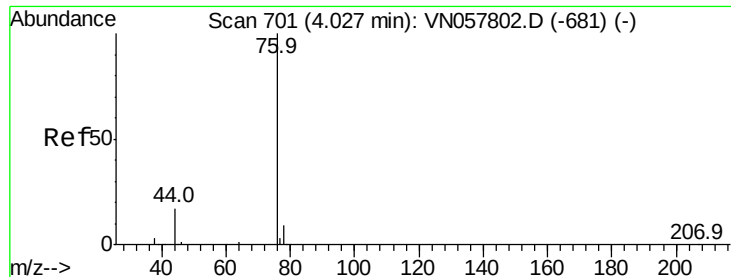
58 29.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)





#17

Carbon Disulfide

Concen: 17.612 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

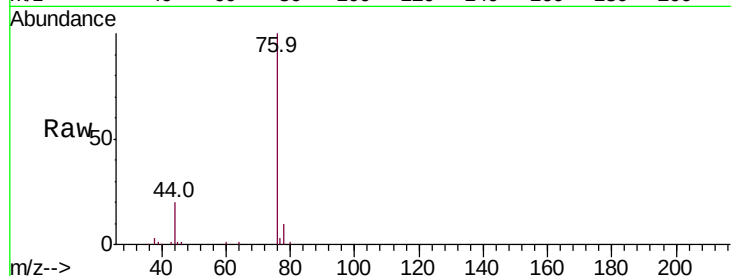
ClientSampled :

Tot Ion: 76 Resp: 87615

Ion Ratio Lower Upper

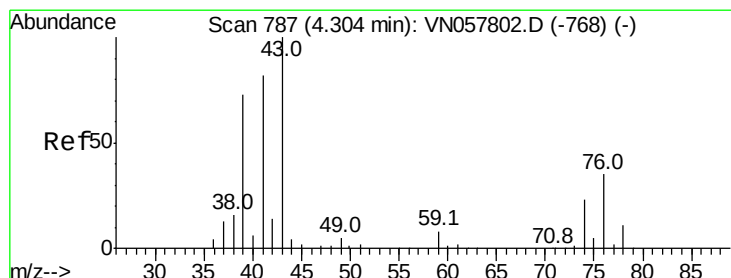
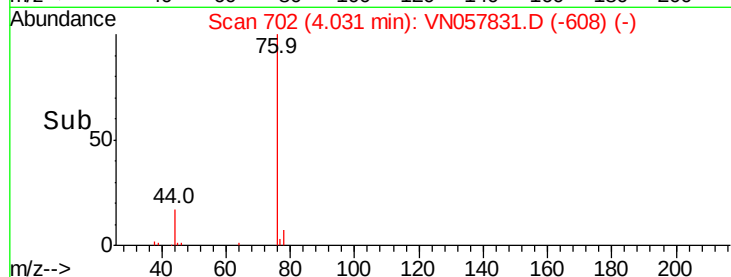
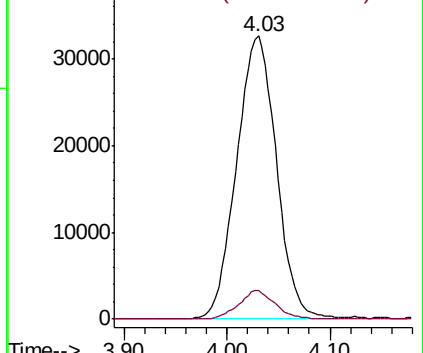
76 100

78 9.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 20.414 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057831.D

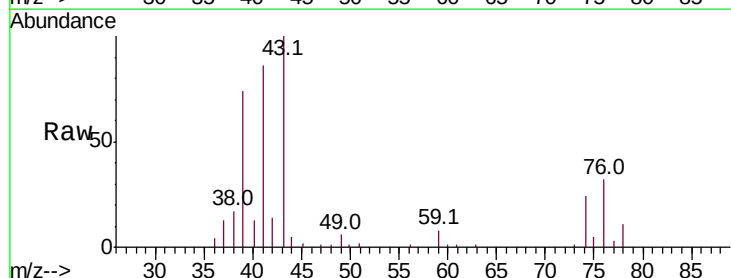
Acq: 10 Sep 2019 3:34

Tgt Ion: 43 Resp: 109122

Ion Ratio Lower Upper

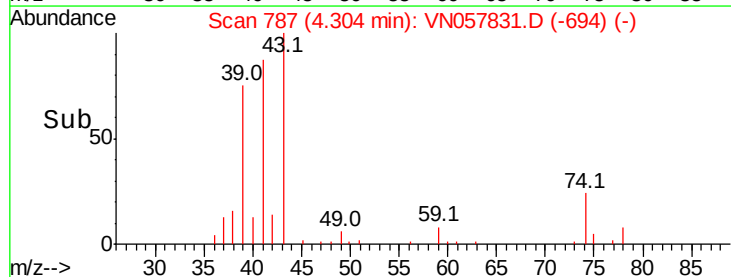
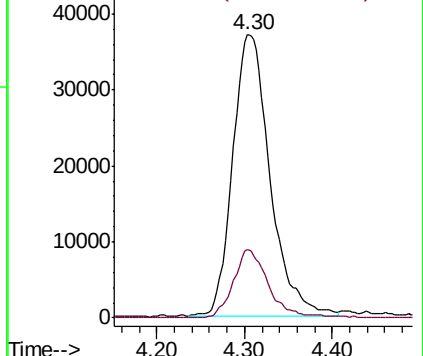
43 100

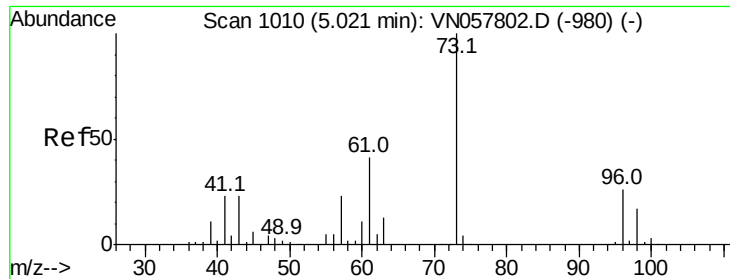
74 22.8 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

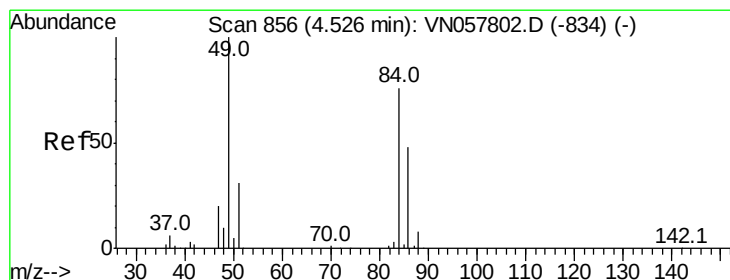
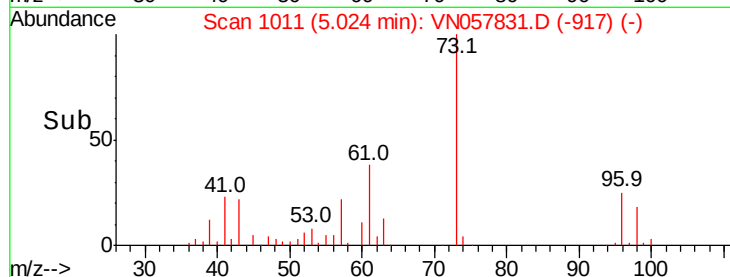
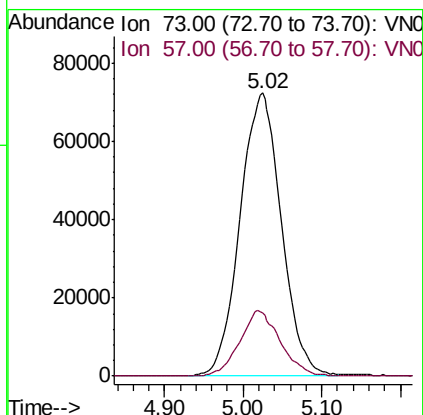
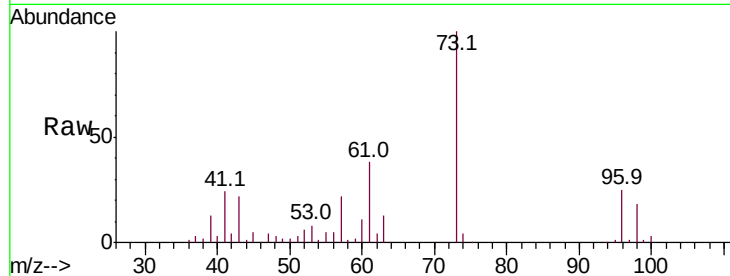




#19
Methvl tert-butvl Ether
Concen: 19.986 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

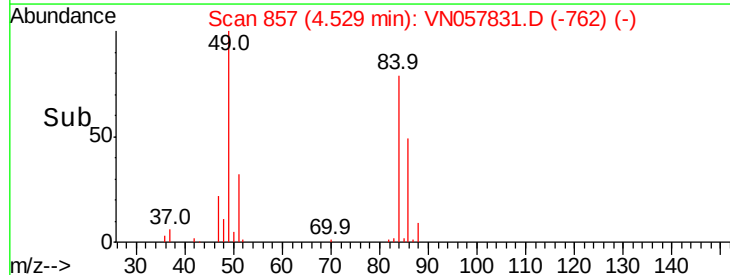
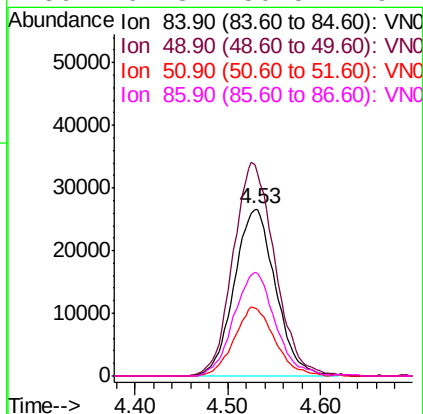
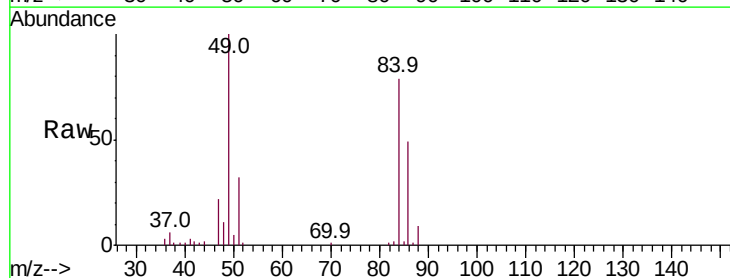
Instrument :
MSVOA_N
ClientSampleId :

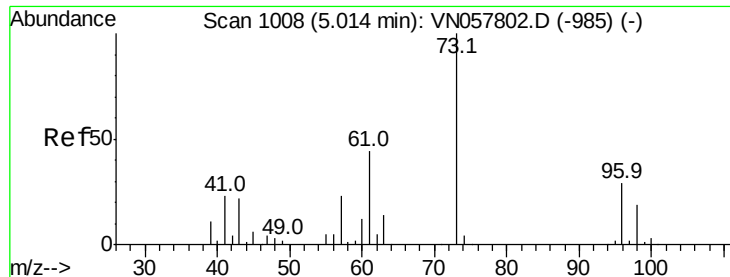
Tot Ion: 73 Resp: 267421
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2



#20
Methylene Chloride
Concen: 20.875 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 84 Resp: 82407
Ion Ratio Lower Upper
84 100
49 126.6 104.8 157.2
51 40.9 33.0 49.4
86 62.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.195 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

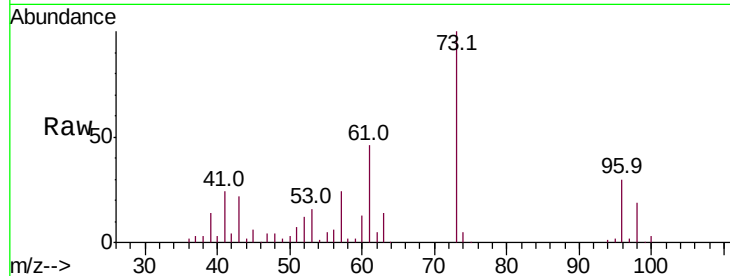
Tot Ion: 96 Resp: 63240

Ion Ratio Lower Upper

96 100

61 150.7 121.9 182.9

98 62.9 52.2 78.4

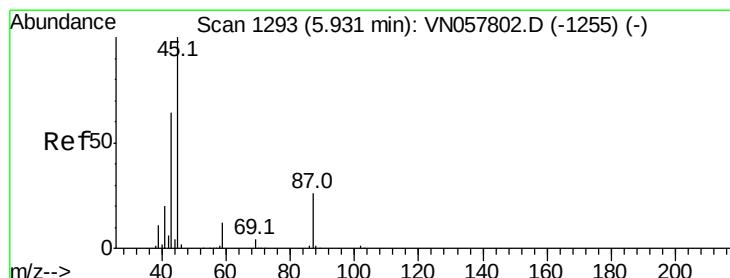
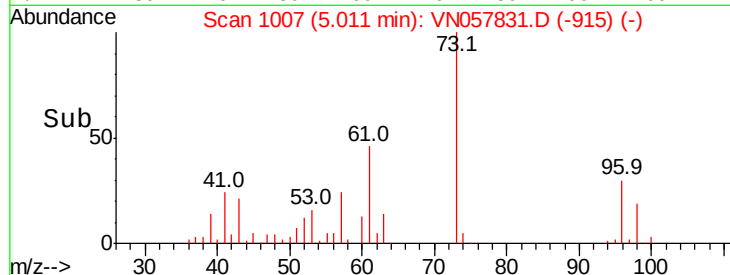
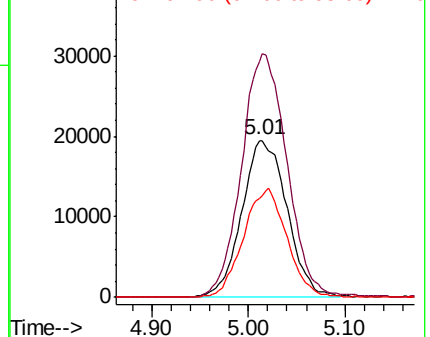


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.109 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Tgt Ion: 45 Resp: 296720

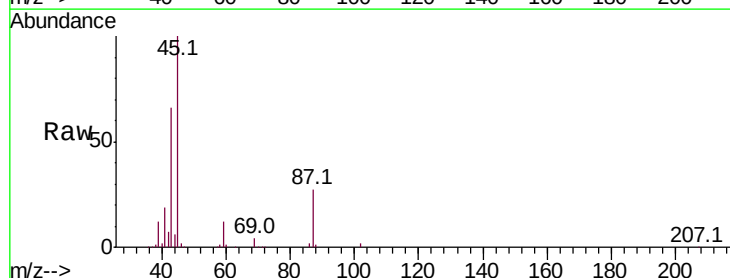
Ion Ratio Lower Upper

45 100

43 63.7 51.4 77.2

87 26.3 21.3 31.9

59 11.6 9.3 13.9



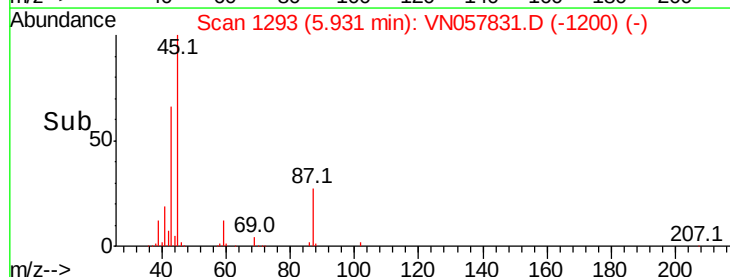
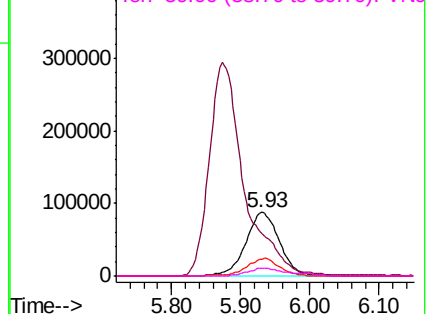
Abundance

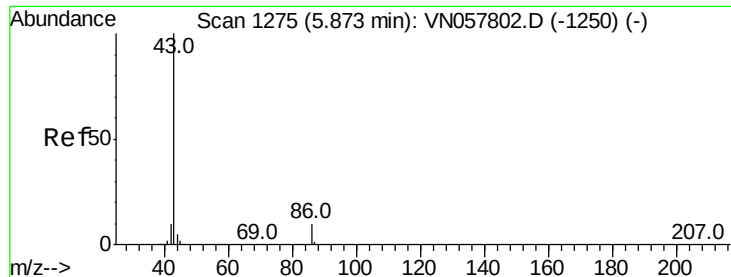
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 98.663 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

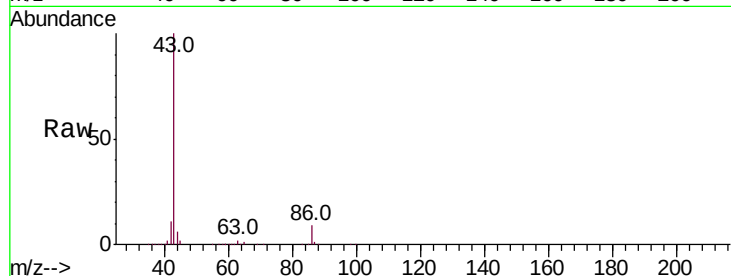
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1031742

Ion Ratio Lower Upper

43 100

86 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)

5.87

300000

200000

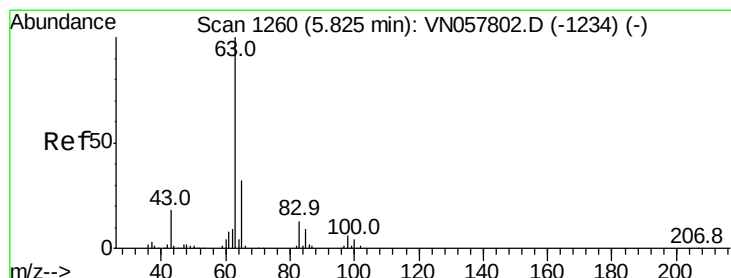
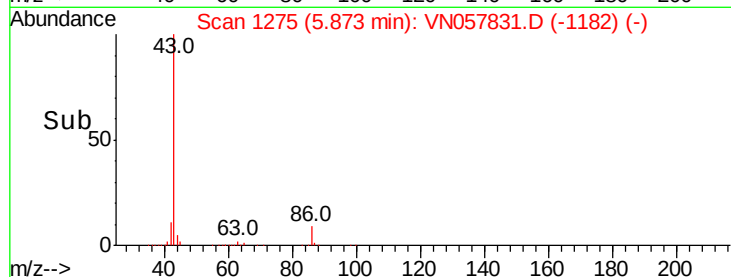
100000

0

Time-->

5.80

6.00



#24

1,1-Dichloroethane

Concen: 19.201 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

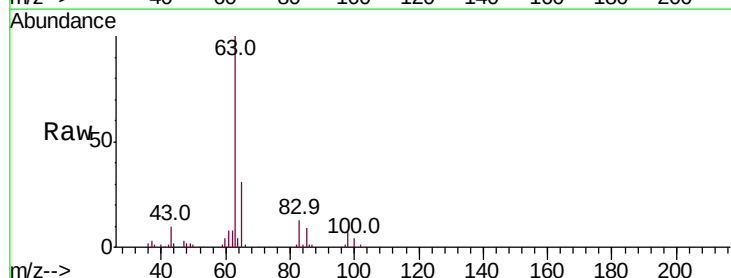
Tgt Ion: 63 Resp: 154845

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

5.82

60000

50000

40000

30000

20000

10000

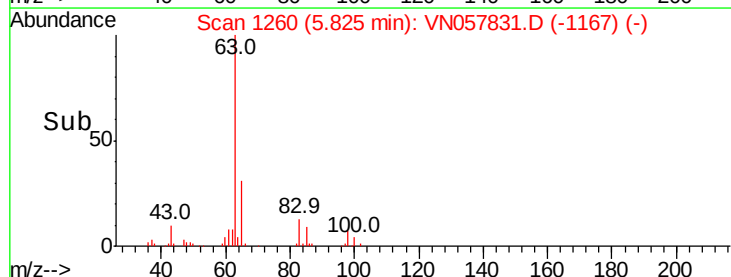
0

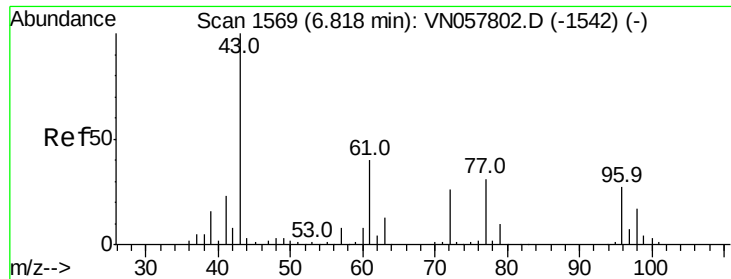
Time-->

5.70

5.80

5.90

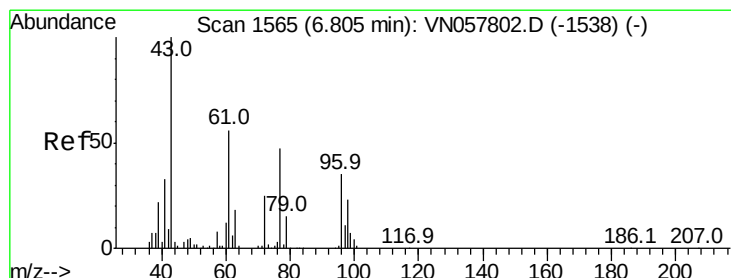
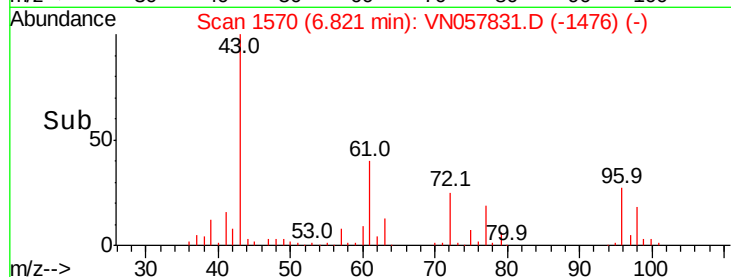
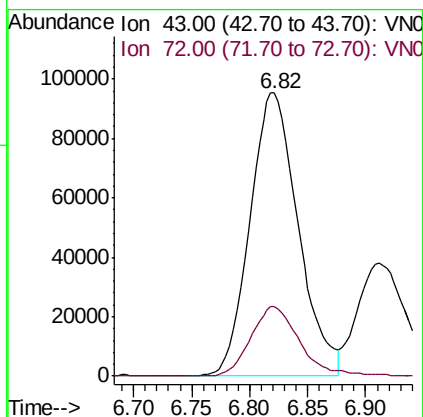
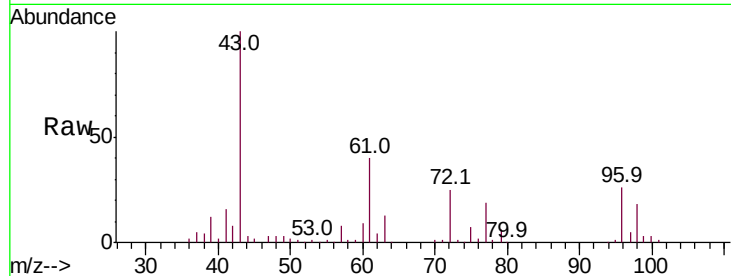




#25
2-Butanone
Concen: 94.482 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

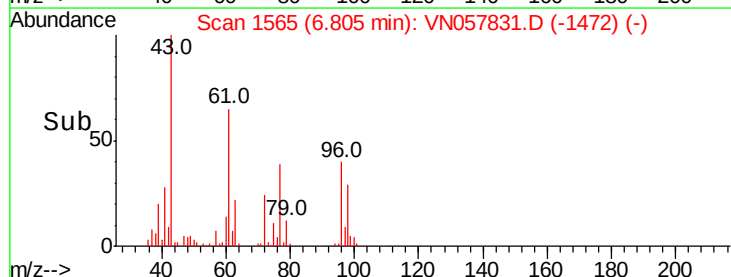
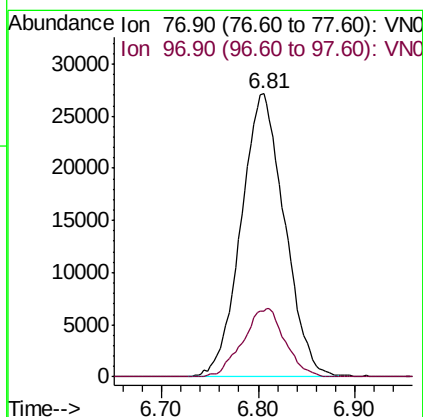
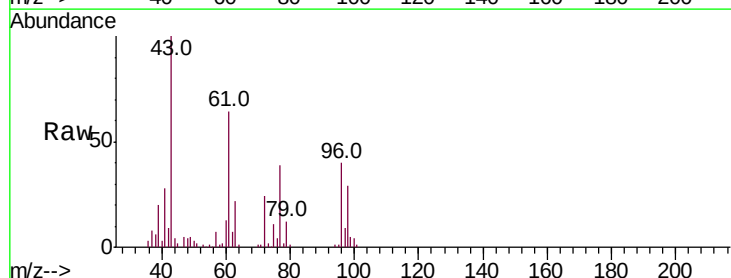
Instrument :
MSVOA_N
ClientSampled :

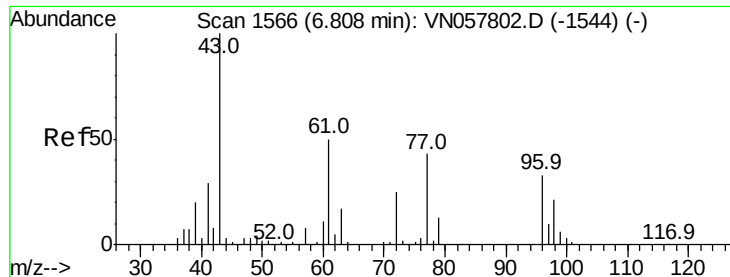
Tot Ion: 43 Resp: 274154
Ion Ratio Lower Upper
43 100
72 24.6 20.6 30.8



#26
2,2-Dichloropropane
Concen: 13.293 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 77 Resp: 84837
Ion Ratio Lower Upper
77 100
97 23.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.902 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampled :

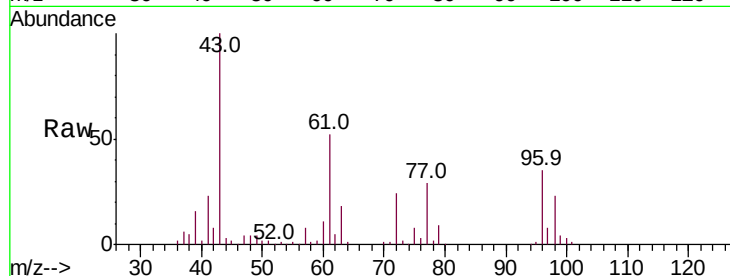
Tot Ion: 96 Resp: 88042

Ion Ratio Lower Upper

96 100

61 153.2 0.0 314.0

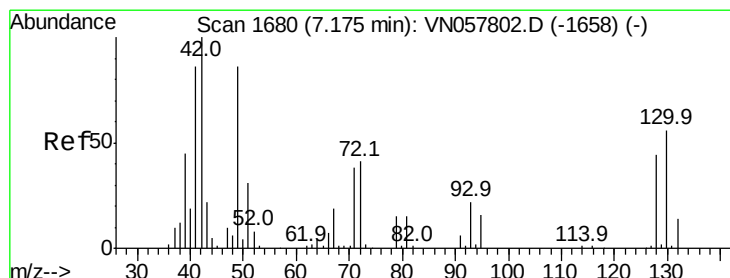
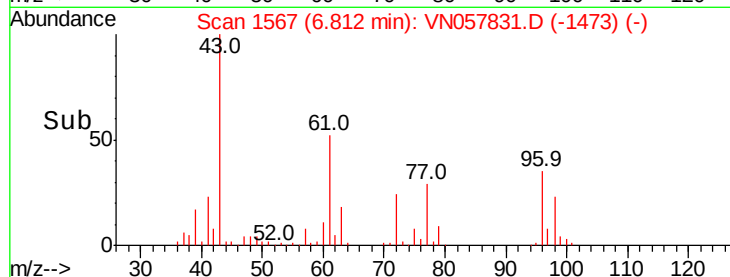
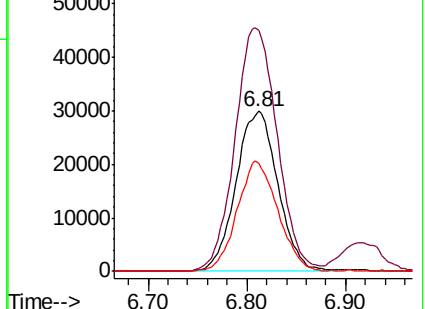
98 66.7 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.744 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

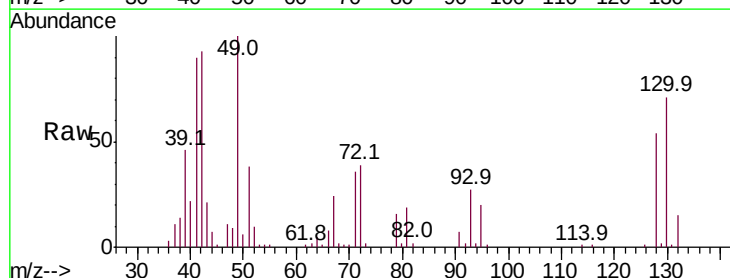
Tgt Ion: 49 Resp: 87604

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

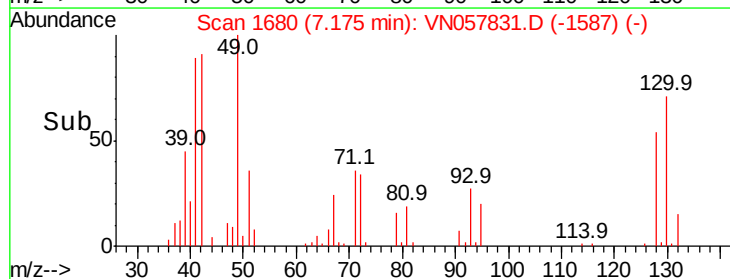
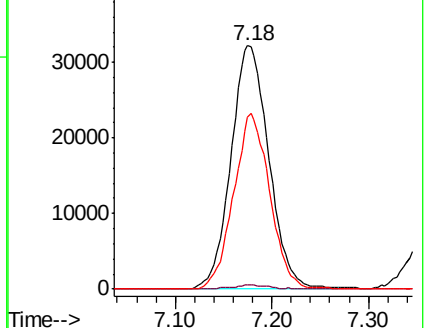
130 68.6 53.0 79.6

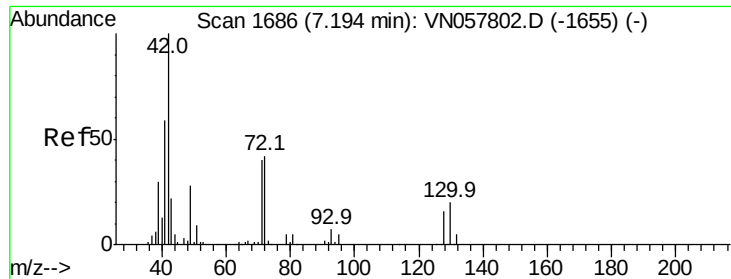


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

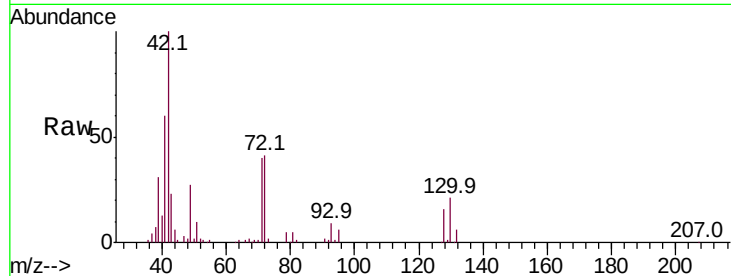




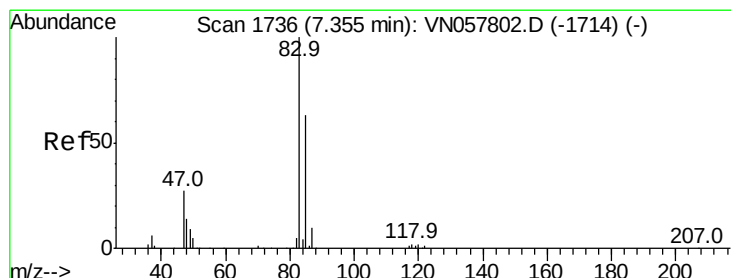
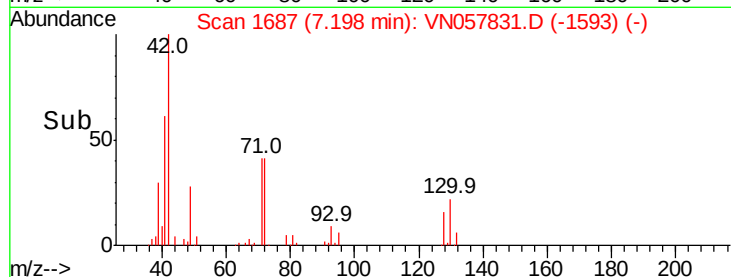
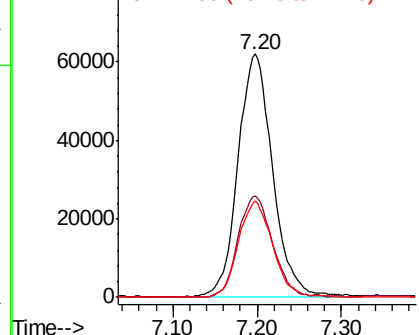
#29
Tetrahydrofuran
Concen: 98.179 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 175546
Ion Ratio Lower Upper
42 100
72 41.8 33.7 50.5
71 39.2 31.9 47.9

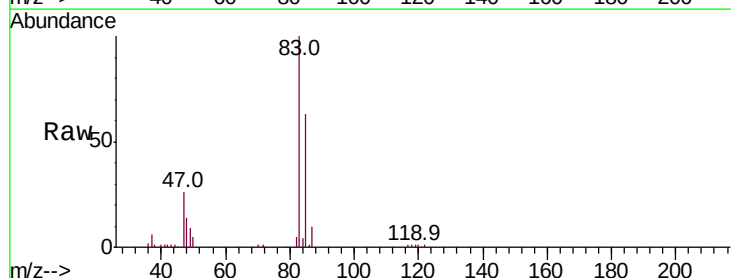


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

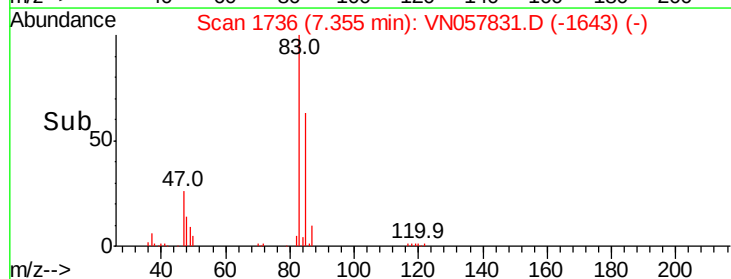
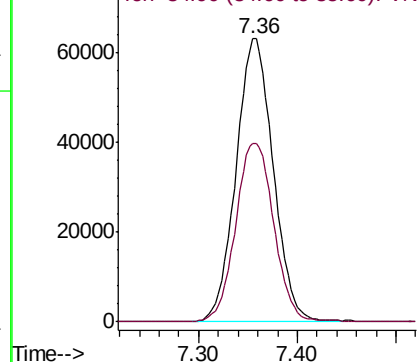


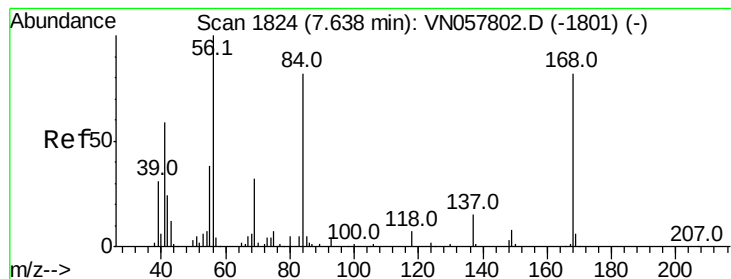
#30
Chloroform
Concen: 19.588 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 83 Resp: 165161
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.946 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

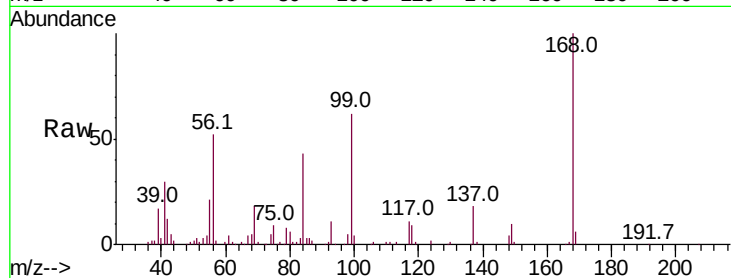
Tot Ion: 56 Resp: 111749

Ion Ratio Lower Upper

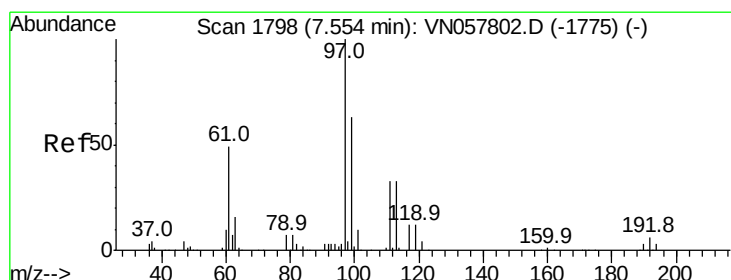
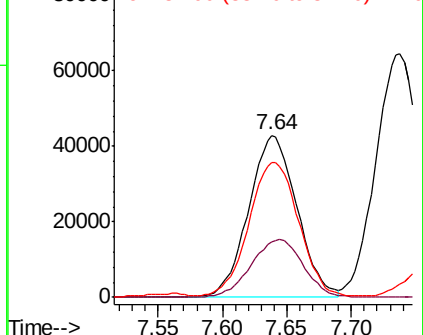
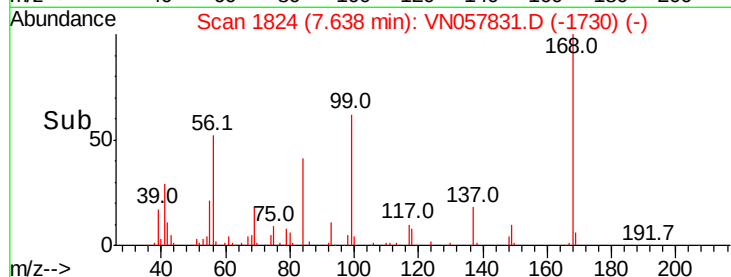
56 100

69 34.3 25.9 38.9

84 82.2 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.727 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

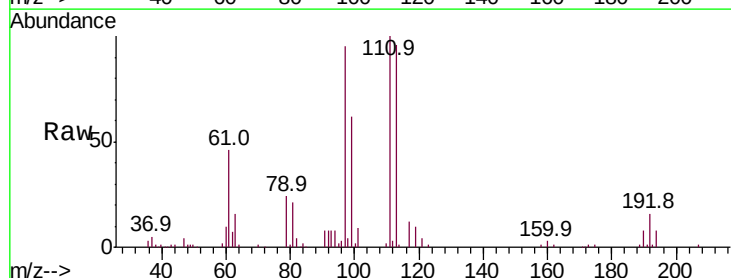
Tgt Ion: 97 Resp: 125233

Ion Ratio Lower Upper

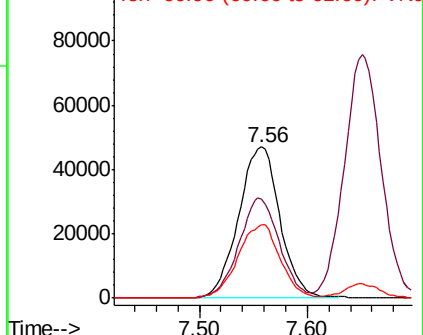
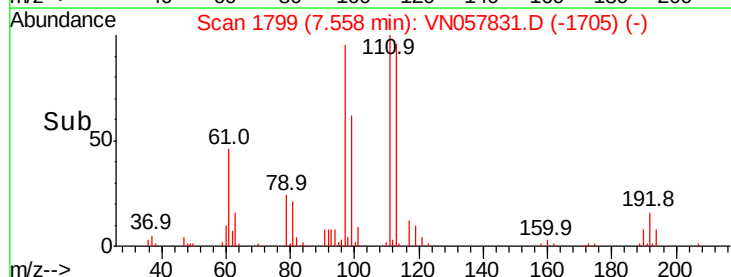
97 100

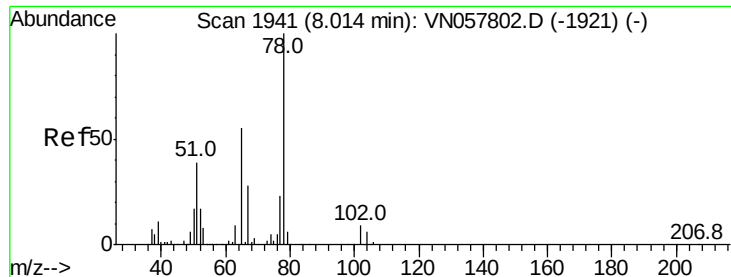
99 64.7 51.0 76.4

61 49.6 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

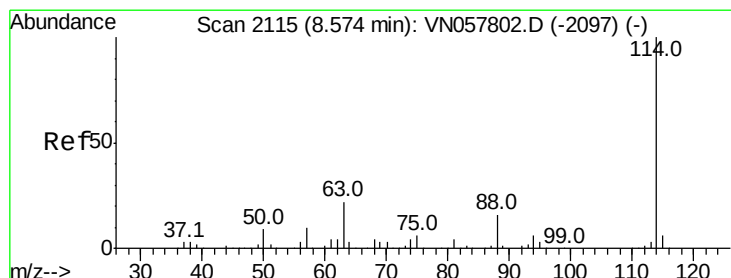
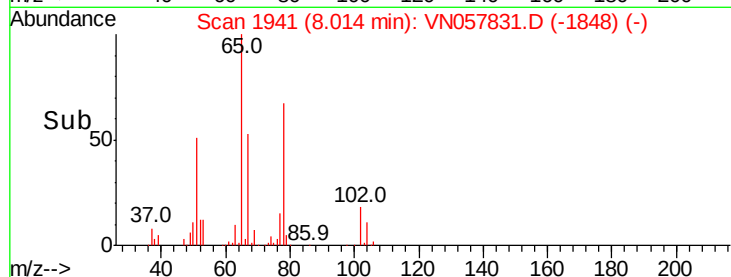
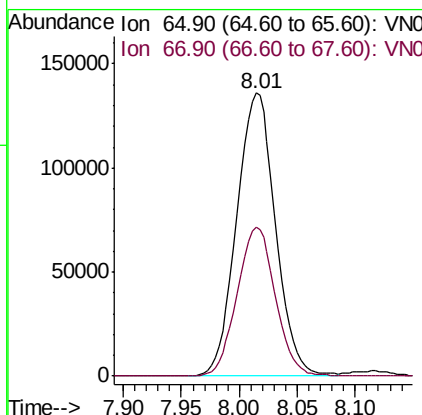
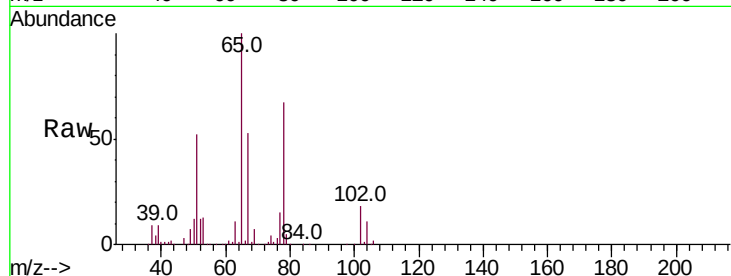




#33
 1,2-Dichloroethane-d4
 Concen: 51.867 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

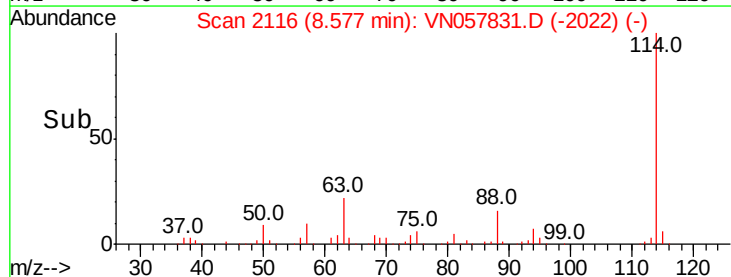
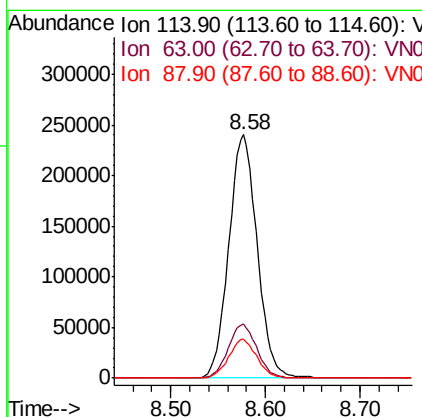
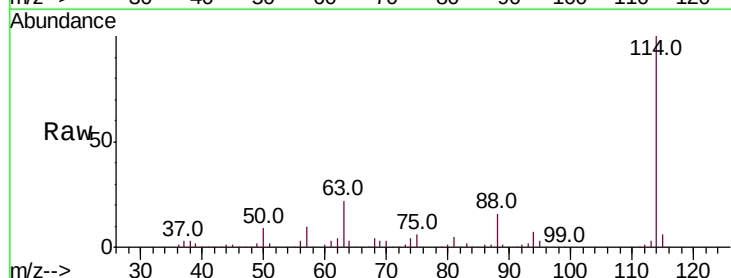
Instrument :
 MSVOA_N
 ClientSampleId :

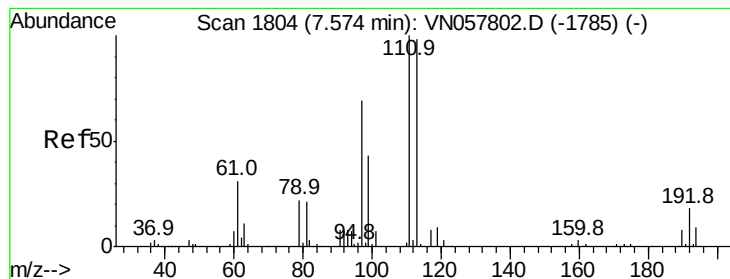
Tot Ion: 65 Resp: 317199
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Tgt Ion: 114 Resp: 501746
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.070 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

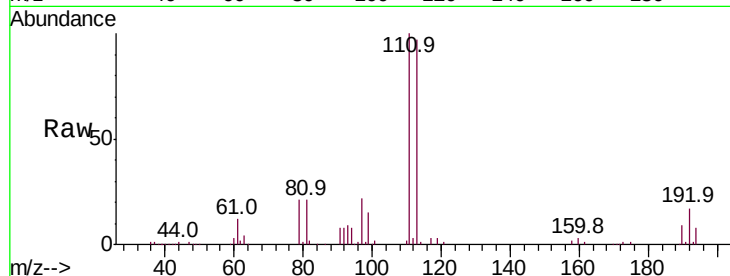
Tot Ion:113 Resp: 227239

Ion Ratio Lower Upper

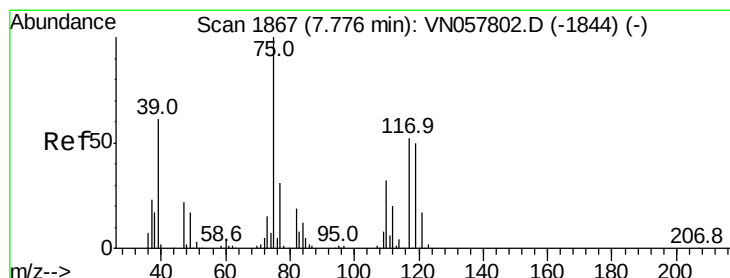
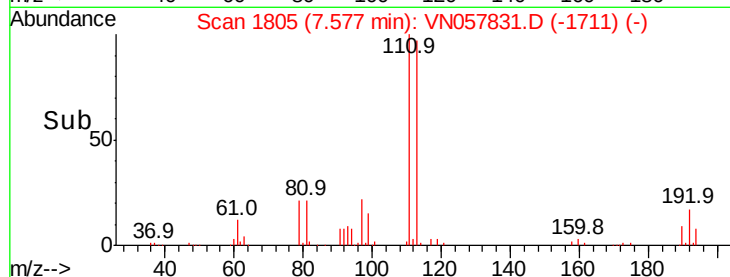
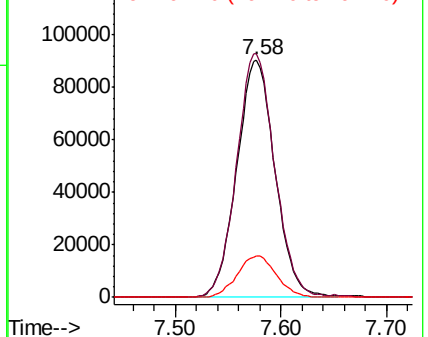
113 100

111 102.6 81.3 121.9

192 18.0 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.917 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

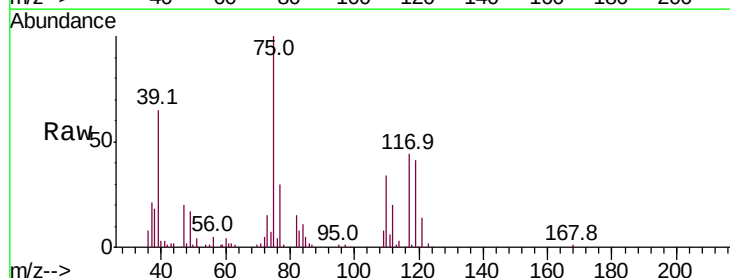
Tgt Ion: 75 Resp: 104255

Ion Ratio Lower Upper

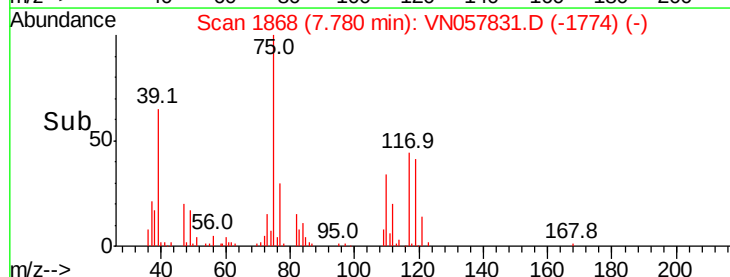
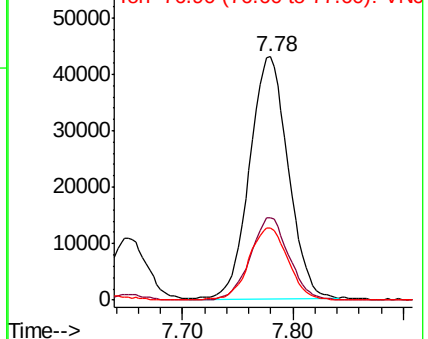
75 100

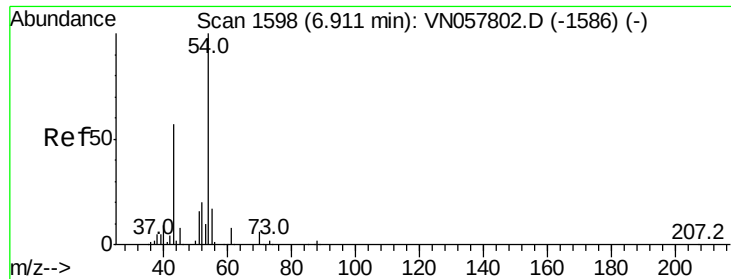
110 34.0 16.3 48.9

77 30.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

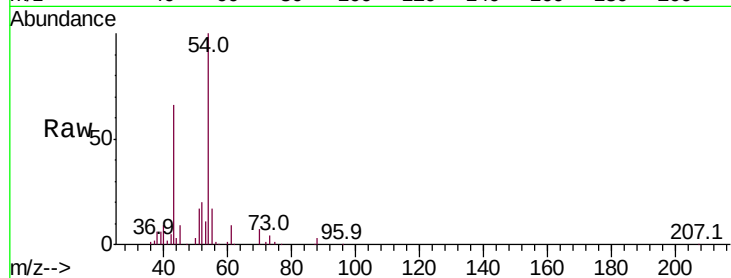




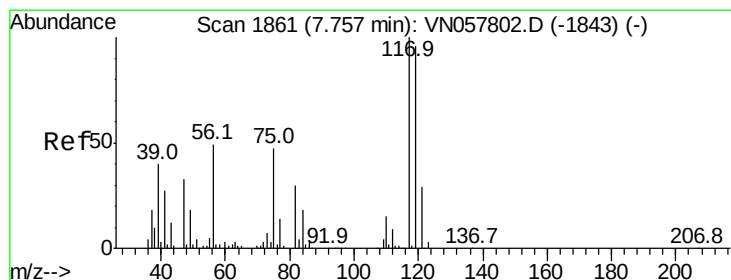
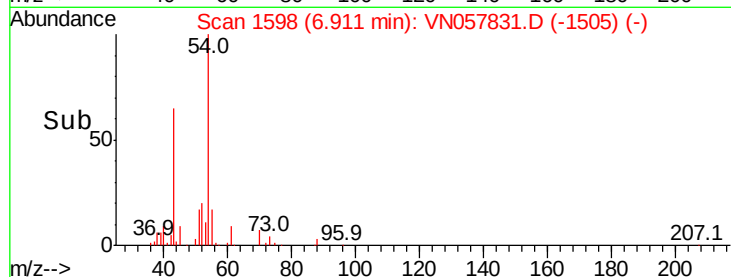
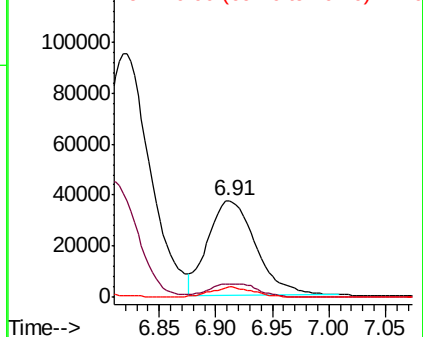
#37
Ethyl Acetate
Concen: 18.252 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 109734
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 9.7 7.4 11.0

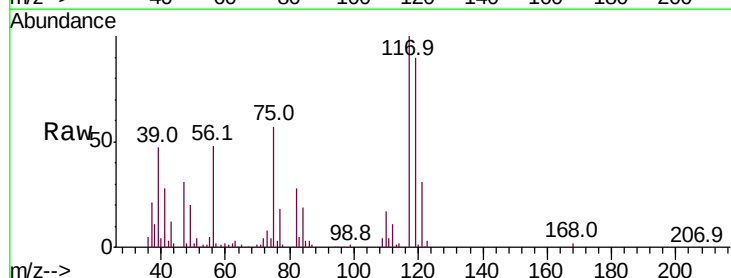


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

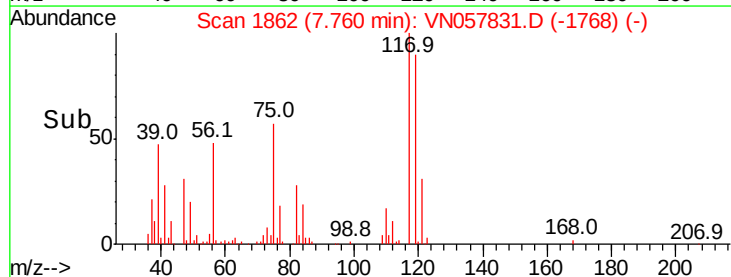
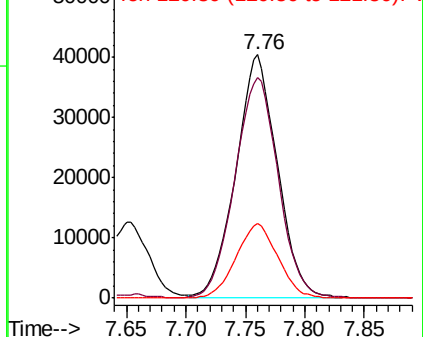


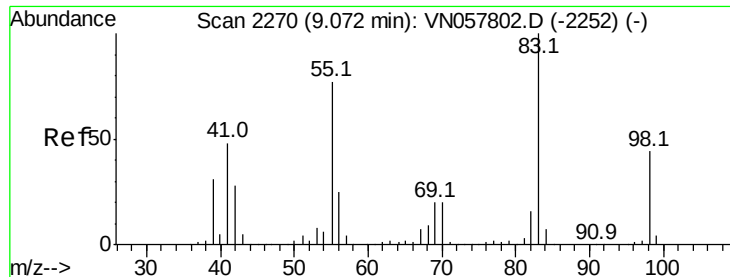
#38
Carbon Tetrachloride
Concen: 18.373 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 117 Resp: 97610
Ion Ratio Lower Upper
117 100
119 89.8 76.9 115.3
121 30.9 23.4 35.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

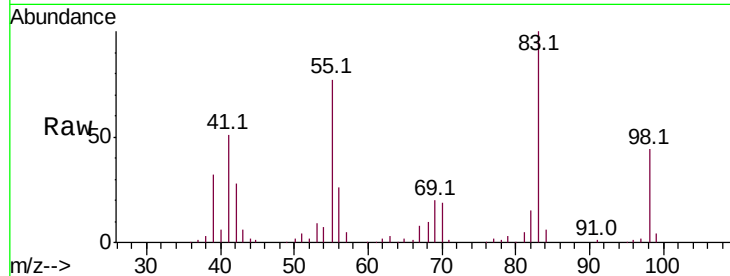




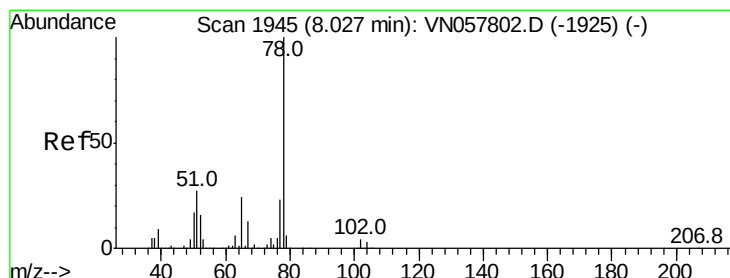
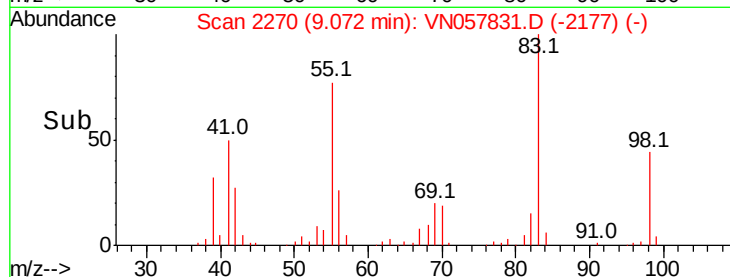
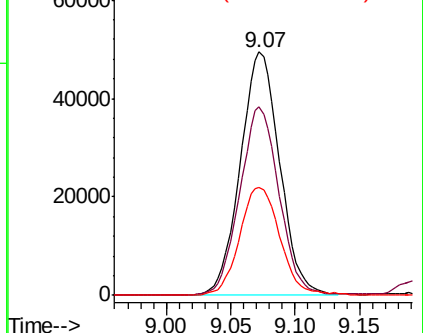
#39
Methylvlcyclohexane
Concen: 17.193 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 105172
Ion Ratio Lower Upper
83 100
55 77.2 61.6 92.4
98 44.5 34.9 52.3

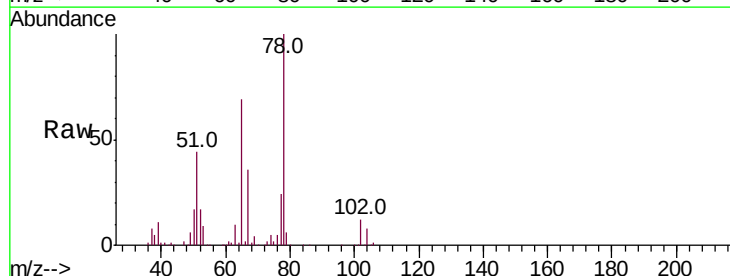


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

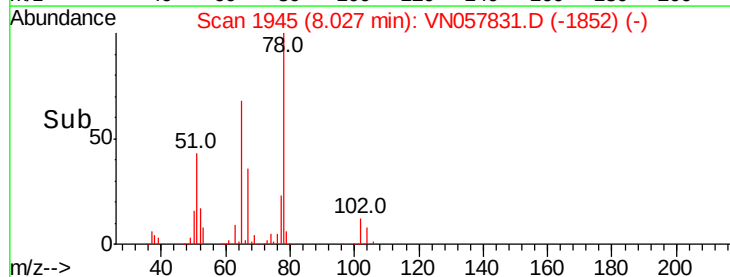
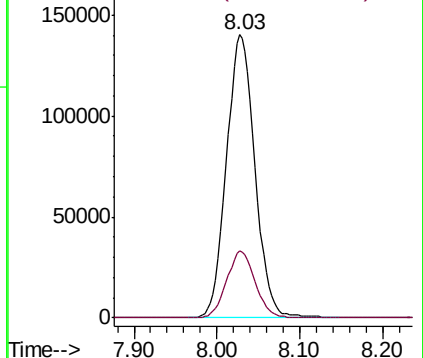


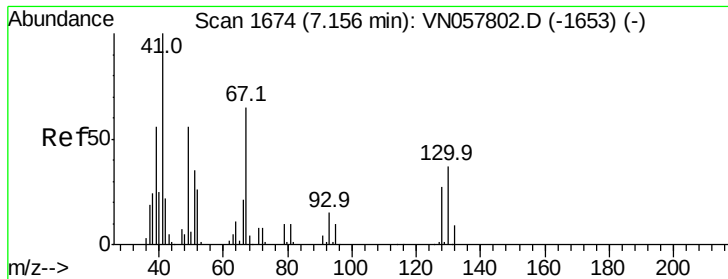
#40
Benzene
Concen: 19.088 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 78 Resp: 334394
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 60.395 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.04 min

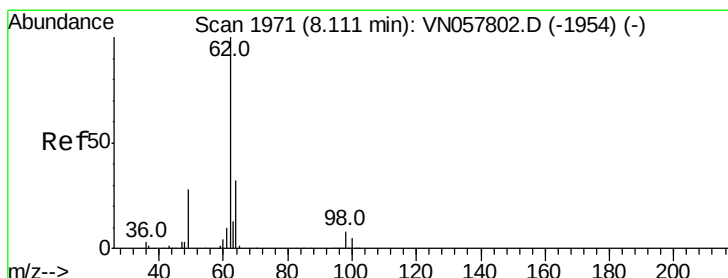
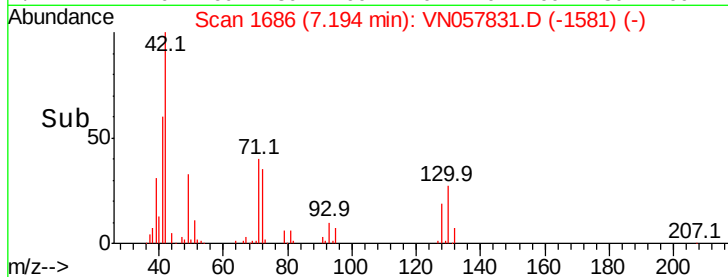
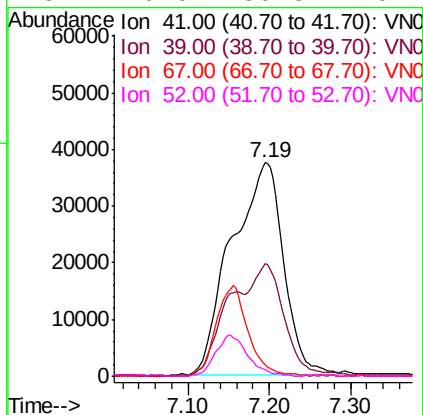
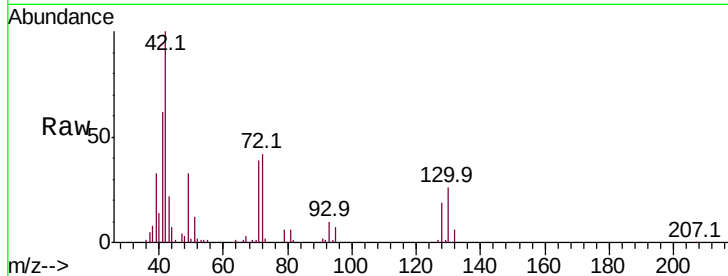
Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 164822
Ion Ratio Lower Upper

41	100		
39	0.0	51.0	76.6#
67	0.0	70.7	106.1#
52	0.0	30.8	46.2#



#42

1,2-Dichloroethane

Concen: 19.158 ug/l

RT: 8.11 min Scan# 1972

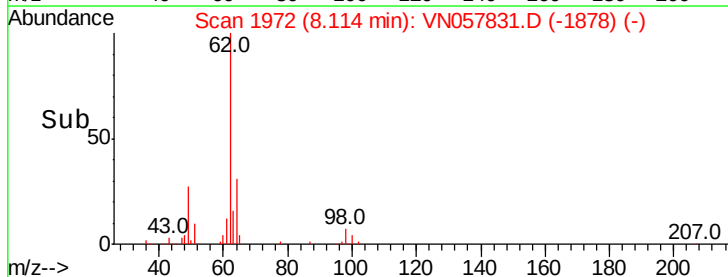
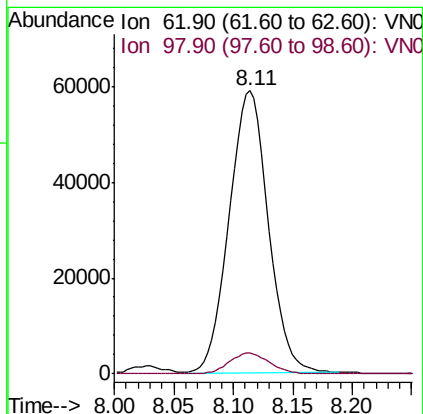
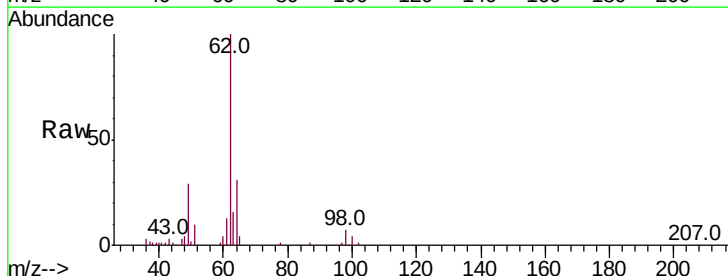
Delta R.T. 0.00 min

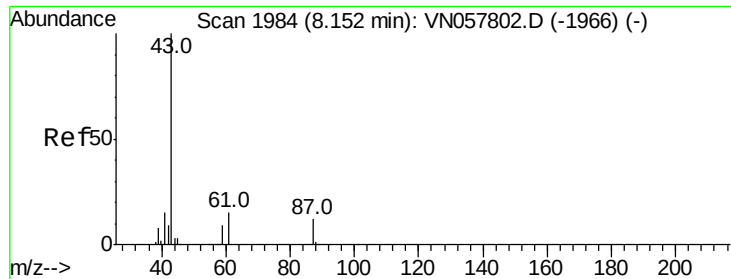
Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Tgt Ion: 62 Resp: 134228
Ion Ratio Lower Upper

62	100		
98	7.6	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.968 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampled :

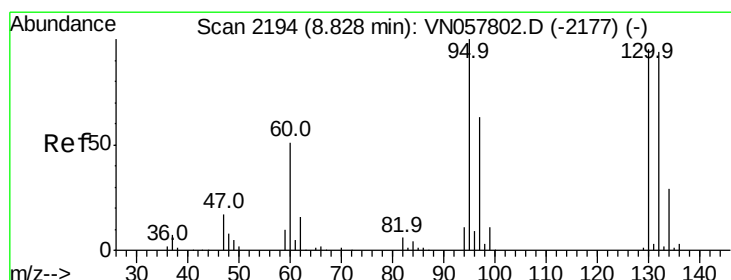
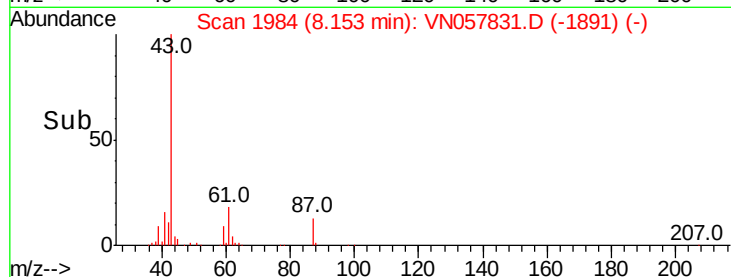
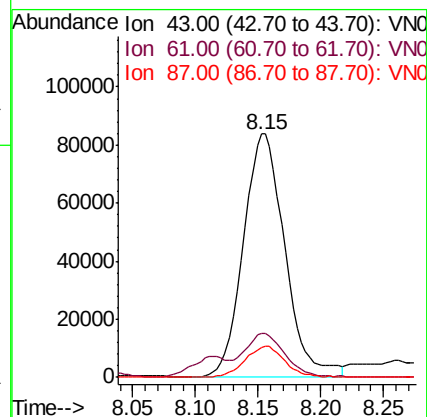
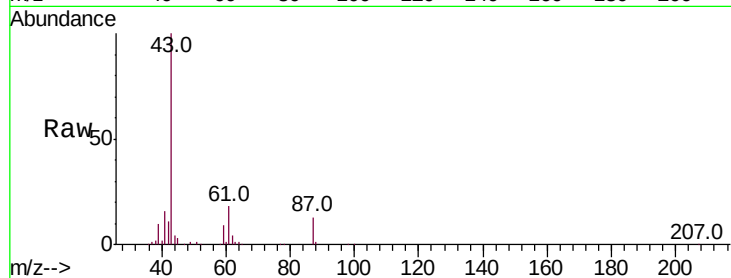
Tot Ion: 43 Resp: 191770

Ion Ratio Lower Upper

43 100

61 16.7 20.1 30.1#

87 12.5 9.5 14.3



#44

Trichloroethene

Concen: 18.586 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057831.D

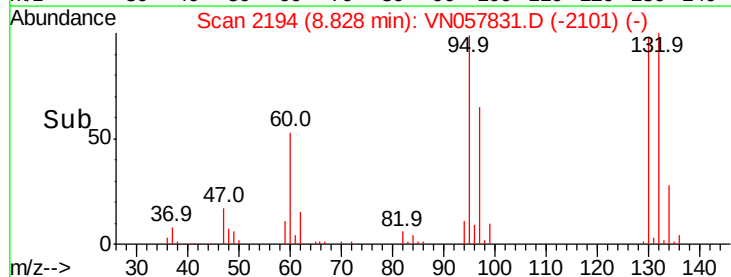
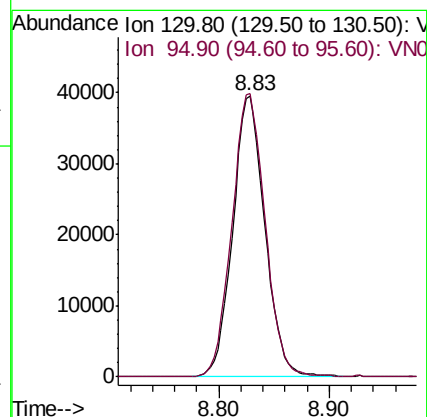
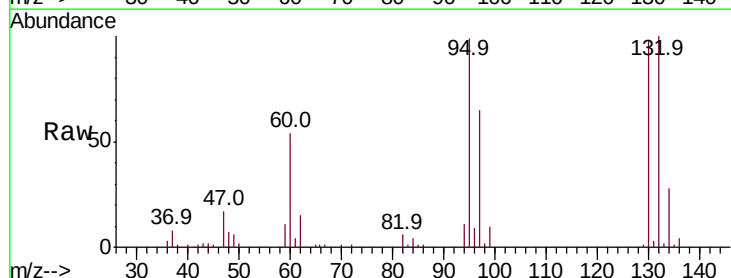
Acq: 10 Sep 2019 3:34

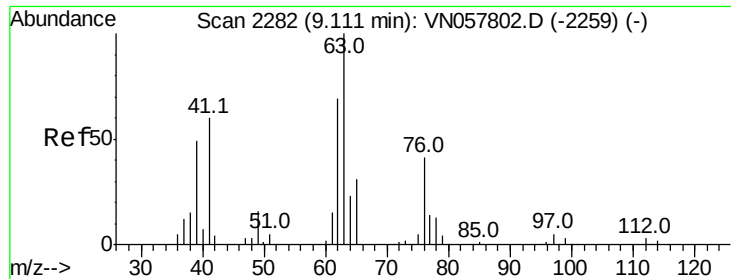
Tgt Ion: 130 Resp: 79863

Ion Ratio Lower Upper

130 100

95 100.6 0.0 211.4

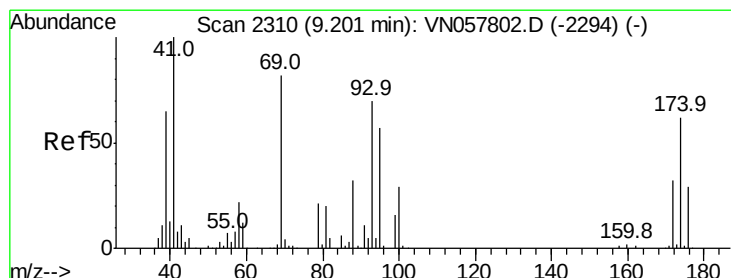
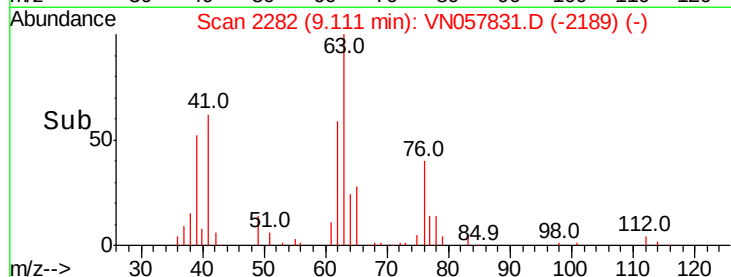
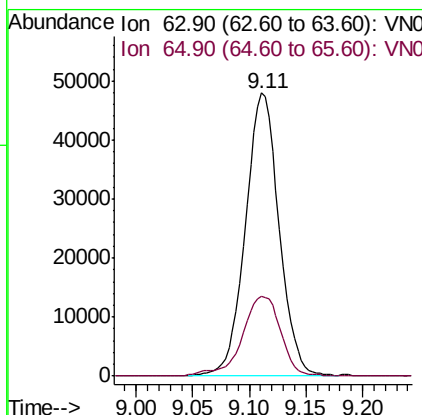
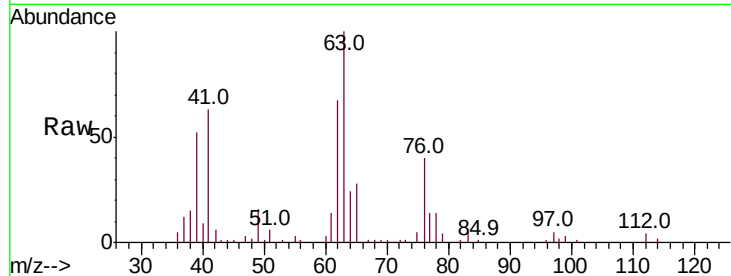




#45
 1,2-Dichloropropane
 Concen: 19.480 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

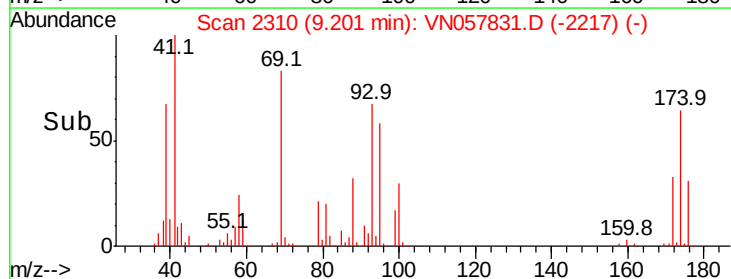
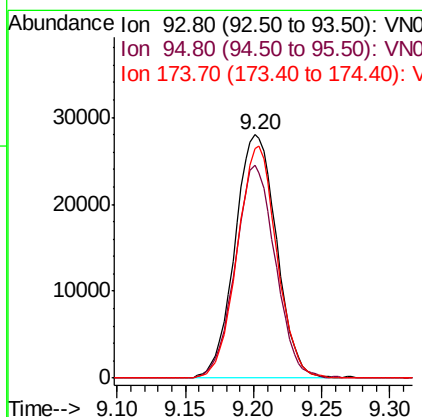
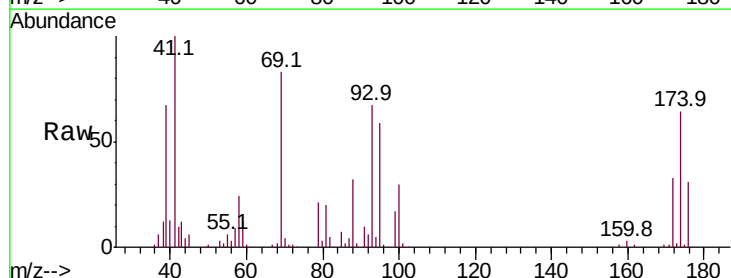
Instrument :
 MSVOA_N
 ClientSampled :

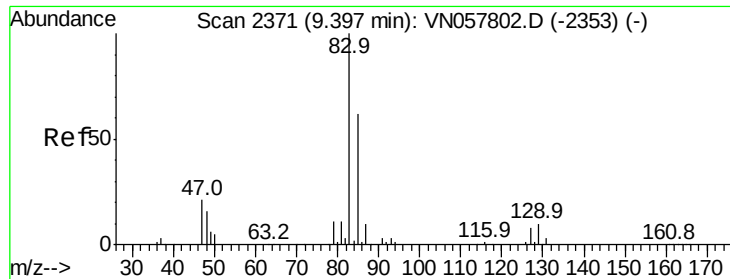
Tot Ion: 63 Resp: 99304
 Ion Ratio Lower Upper
 63 100
 65 28.0 24.8 37.2



#46
 Dibromomethane
 Concen: 19.257 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Tgt Ion: 93 Resp: 59320
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 90.3 71.8 107.6





#47

Bromodichloromethane

Concen: 19.054 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

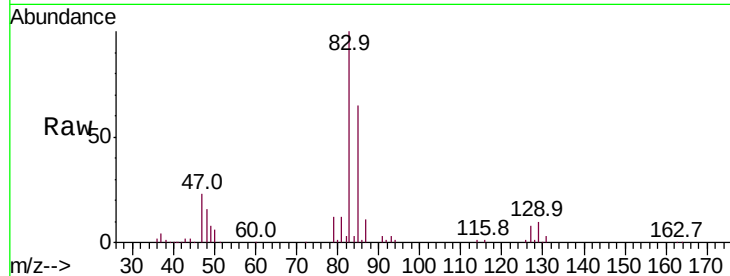
Tot Ion: 83 Resp: 117205

Ion Ratio Lower Upper

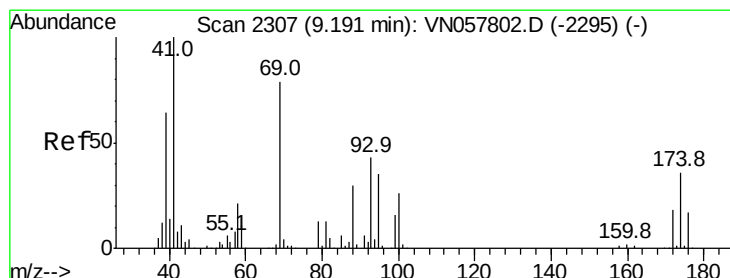
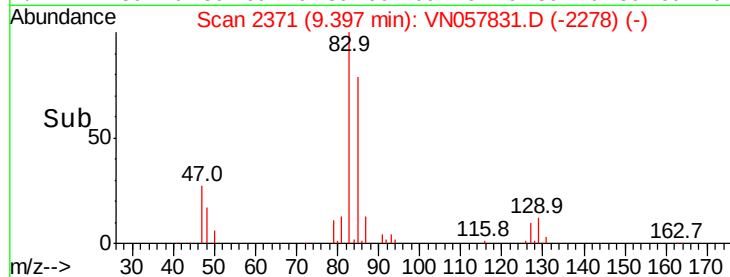
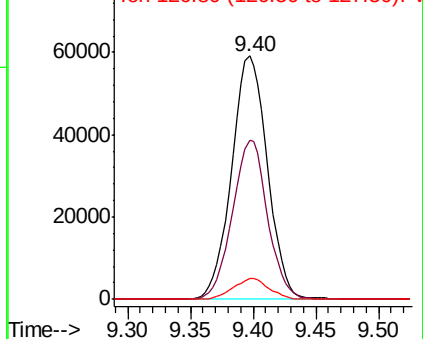
83 100

85 65.4 49.9 74.9

127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 18.431 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

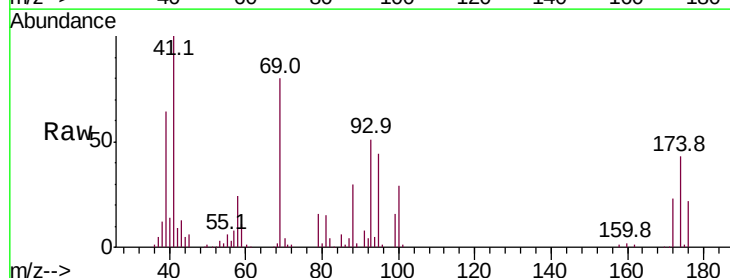
Tgt Ion: 41 Resp: 94524

Ion Ratio Lower Upper

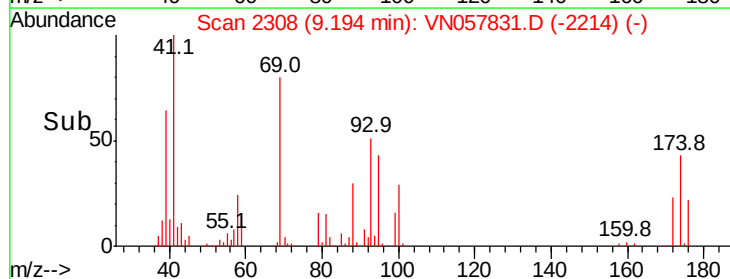
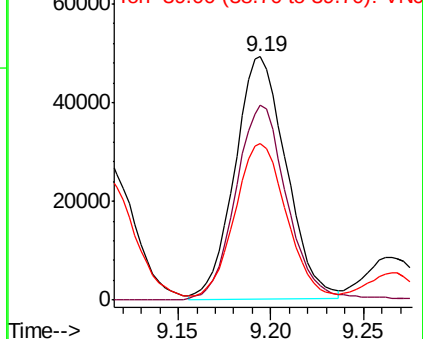
41 100

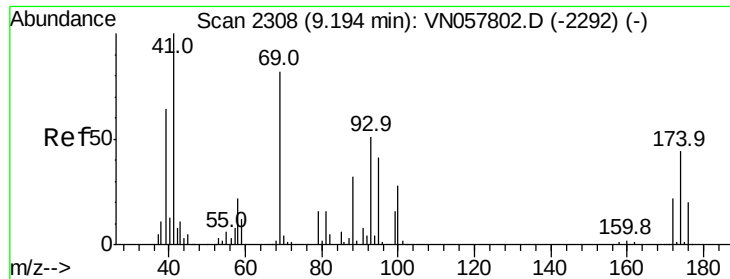
69 80.9 62.7 94.1

39 64.8 52.7 79.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

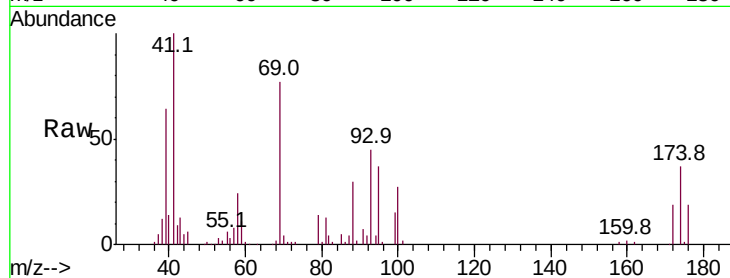




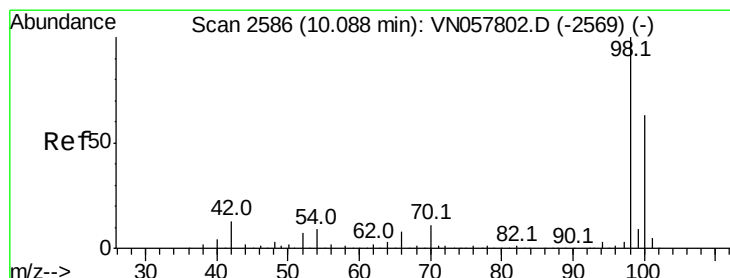
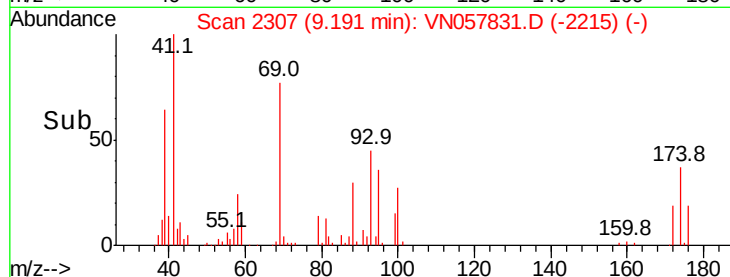
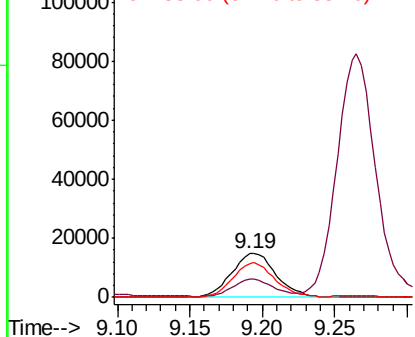
#49
1,4-Dioxane
Concen: 365.817 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 31727
Ion Ratio Lower Upper
88 100
43 35.4 28.5 42.7
58 75.1 55.8 83.6

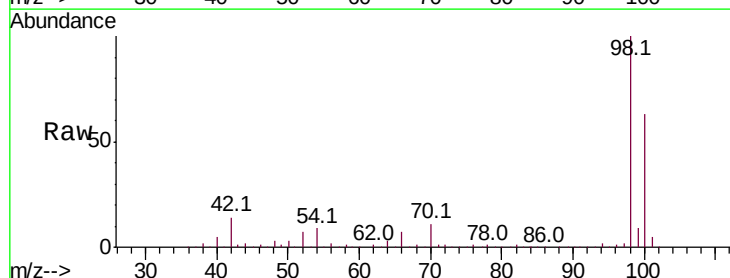


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

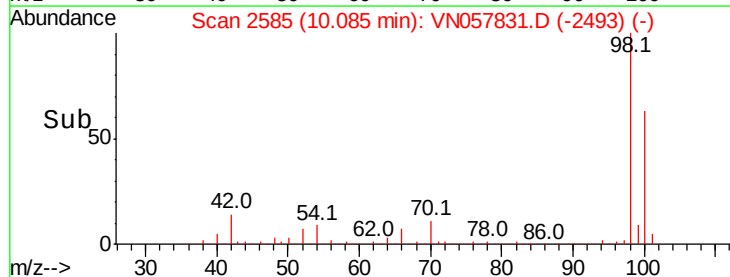
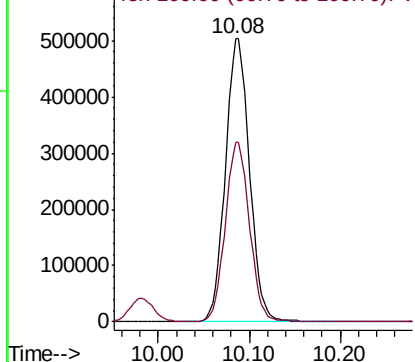


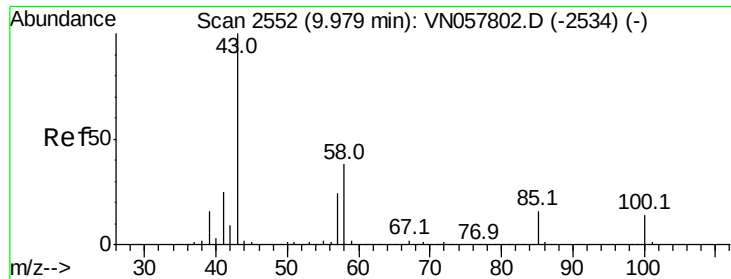
#50
Toluene-d8
Concen: 51.595 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 98 Resp: 927668
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



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: 100.420 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

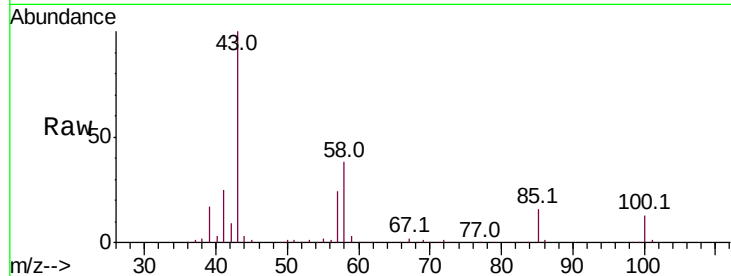
ClientSampled :

Tot Ion: 43 Resp: 600807

Ion Ratio Lower Upper

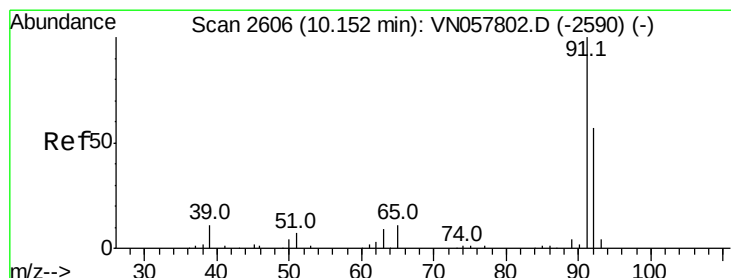
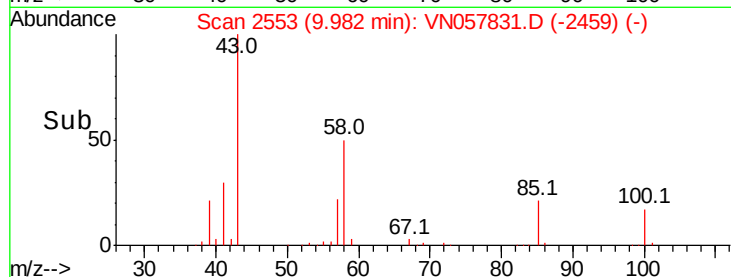
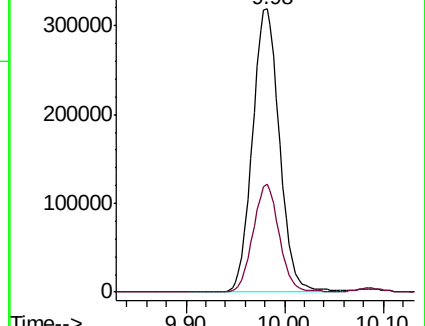
43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 19.315 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057831.D

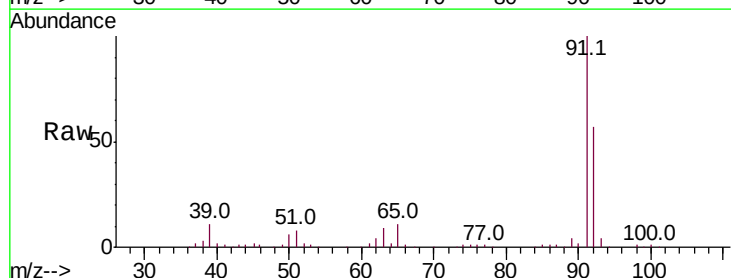
Acq: 10 Sep 2019 3:34

Tgt Ion: 92 Resp: 213126

Ion Ratio Lower Upper

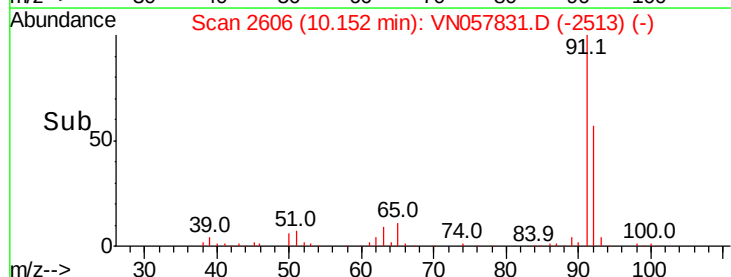
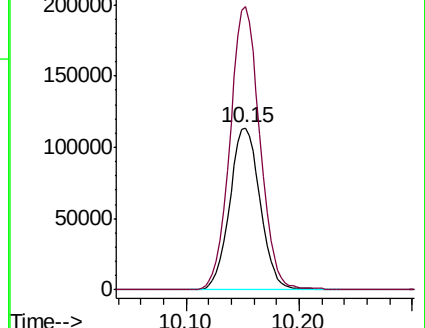
92 100

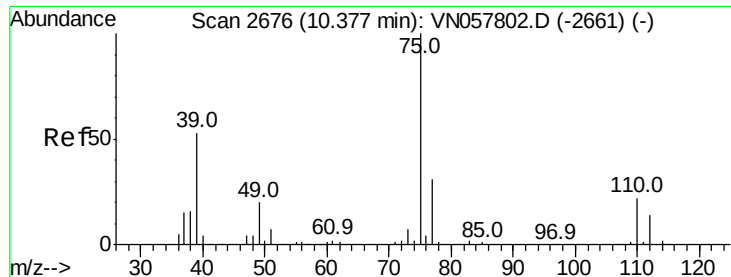
91 171.8 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 17.487 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

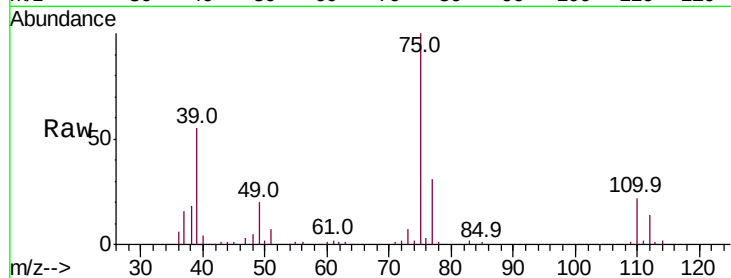
ClientSampleId :

Tot Ion: 75 Resp: 113277

Ion Ratio Lower Upper

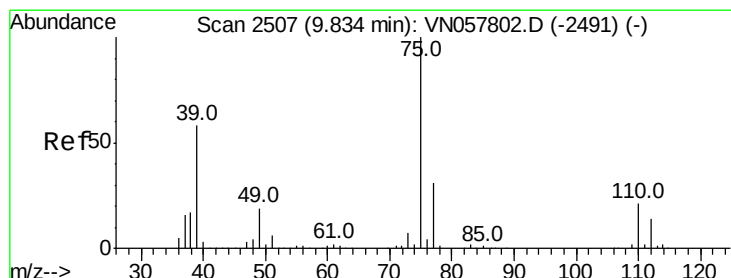
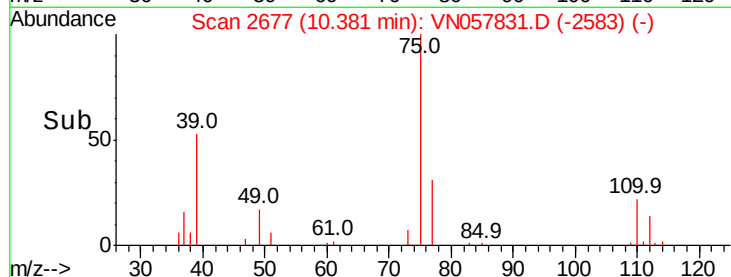
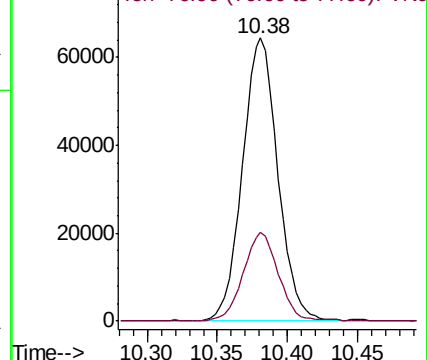
75 100

77 31.2 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.708 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

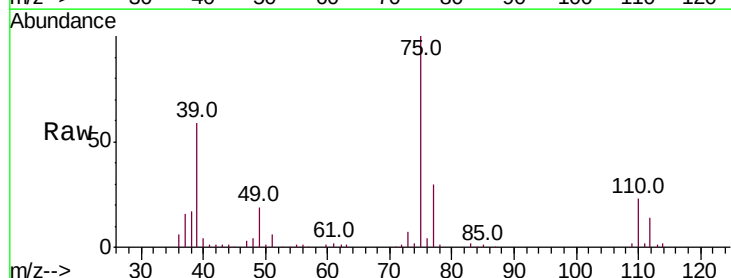
Tgt Ion: 75 Resp: 126646

Ion Ratio Lower Upper

75 100

77 29.8 24.8 37.2

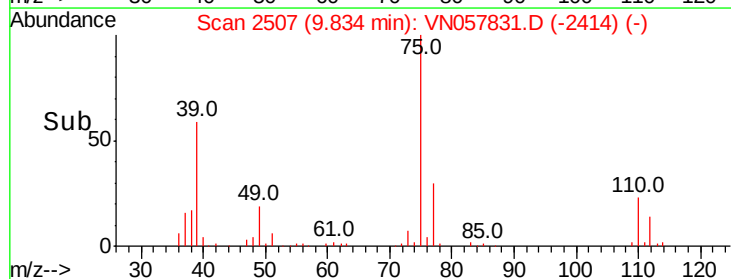
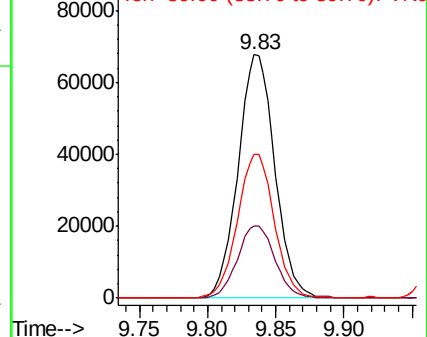
39 59.1 46.2 69.4

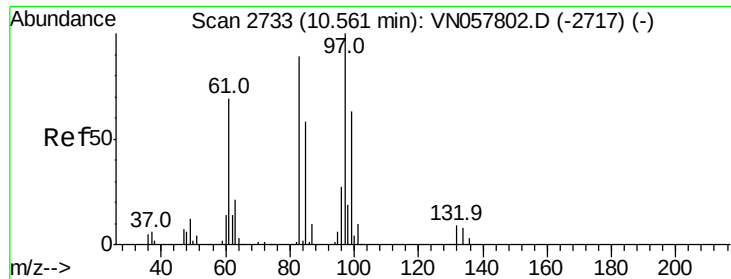


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

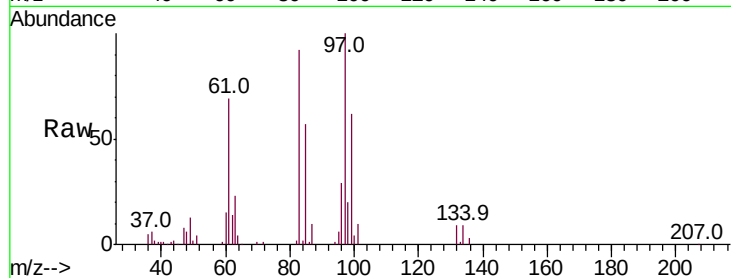




#55
 1,1,2-Trichloroethane
 Concen: 19.000 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
97	100		
83	91.6	70.8	106.2
85	57.2	46.0	69.0
99	61.6	50.6	76.0



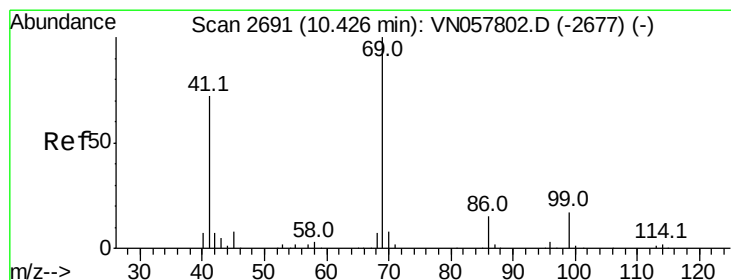
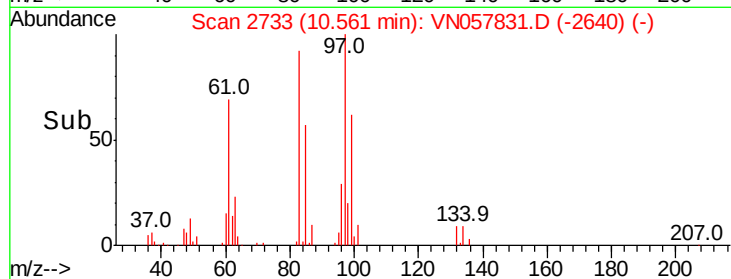
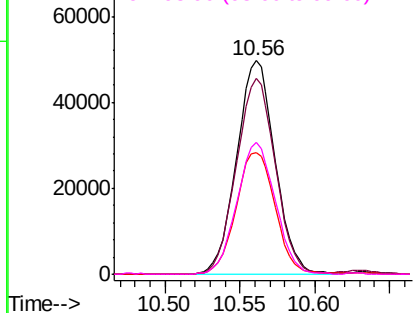
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

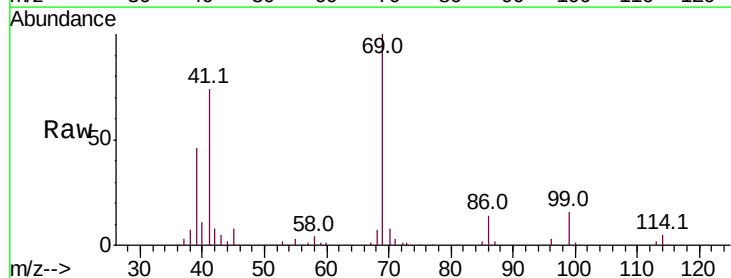
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 18.826 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Tgt Ion	Resp	Lower	Upper
69	100		
41	71.8	56.7	85.1
39	46.9	36.3	54.5

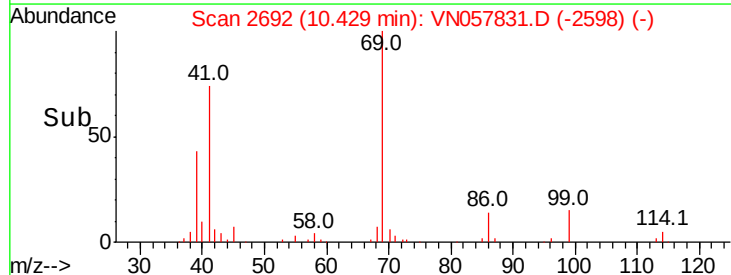
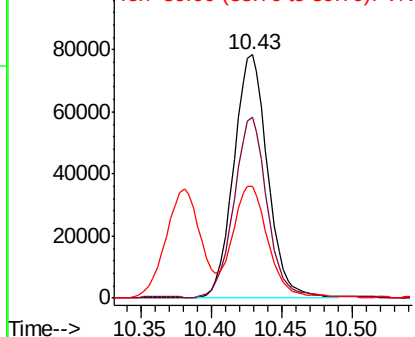


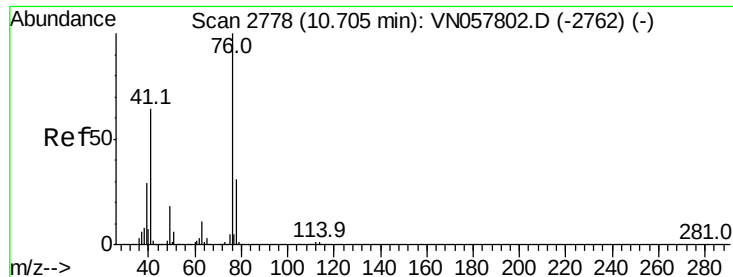
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 19.337 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

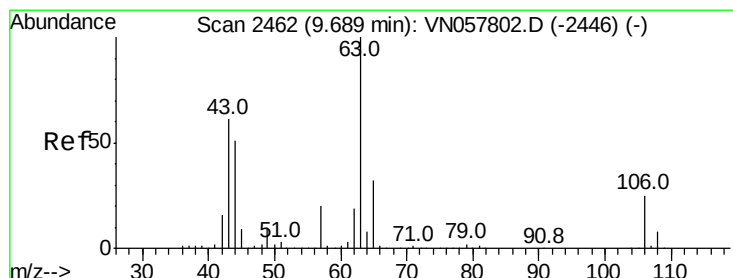
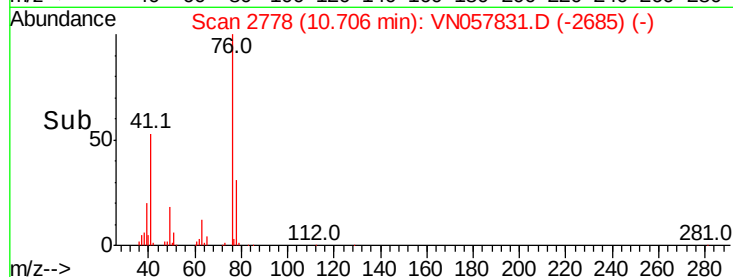
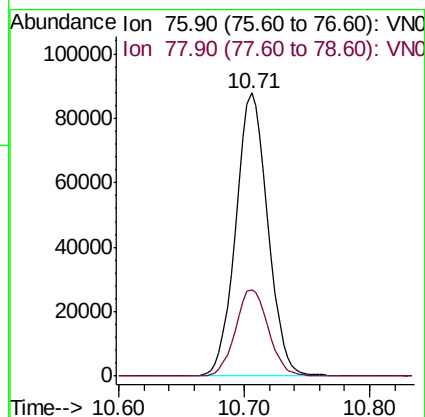
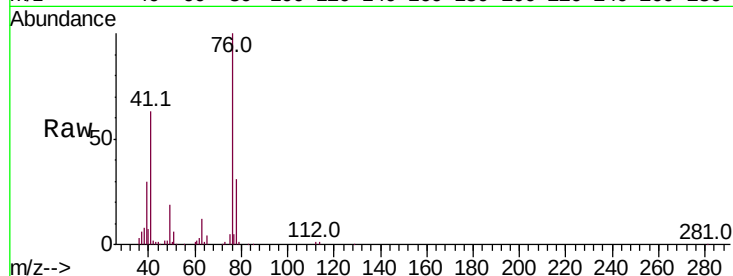
ClientSampleId :

Tot Ion: 76 Resp: 155759

Ion Ratio Lower Upper

76 100

78 31.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.953 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057831.D

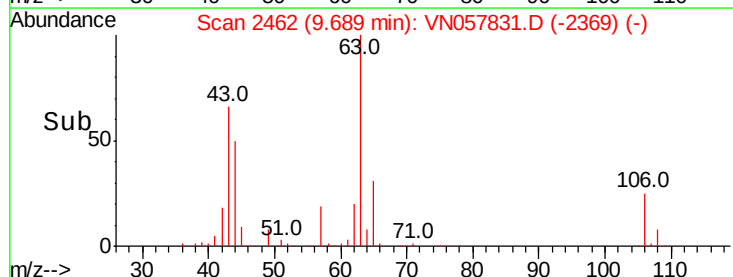
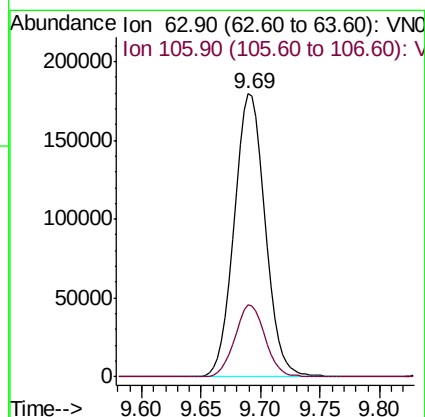
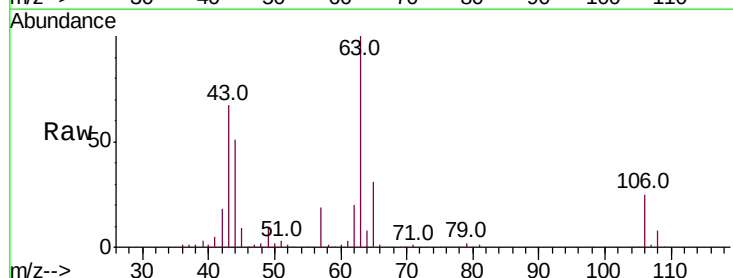
Acq: 10 Sep 2019 3:34

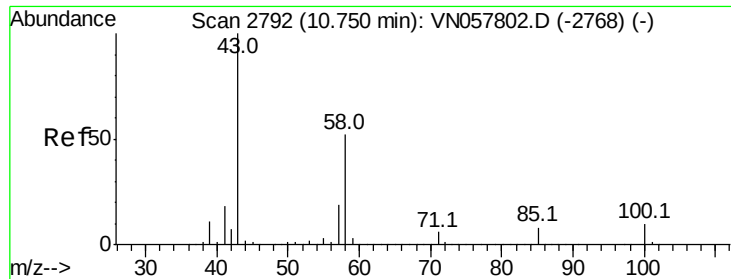
Tgt Ion: 63 Resp: 324714

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0





#59

2-Hexanone

Concen: 95.482 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

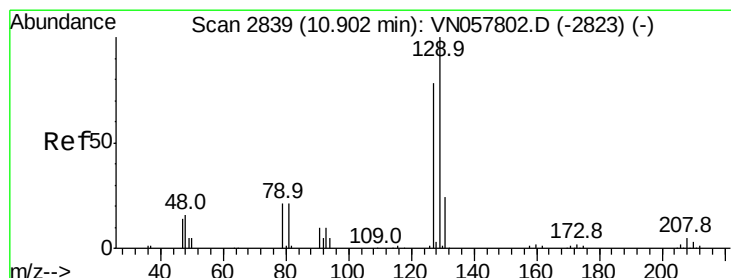
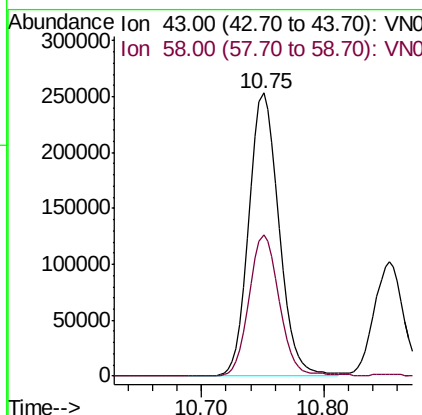
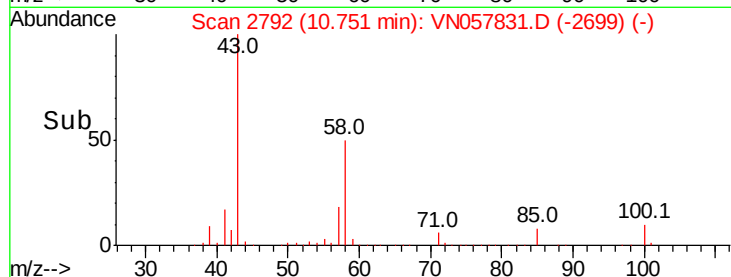
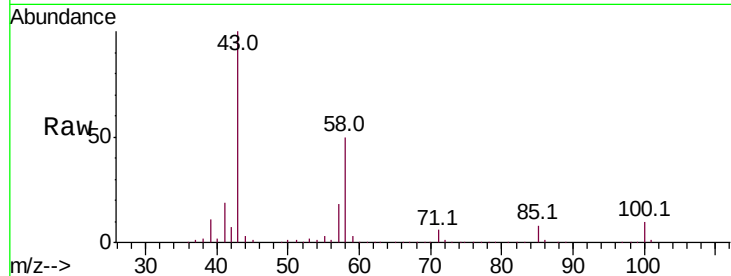
ClientSampled :

Tot Ion: 43 Resp: 428183

Ion Ratio Lower Upper

43 100

58 50.4 25.6 76.8



#60

Dibromochloromethane

Concen: 18.238 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN057831.D

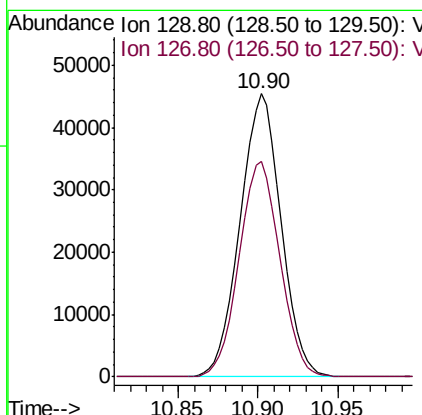
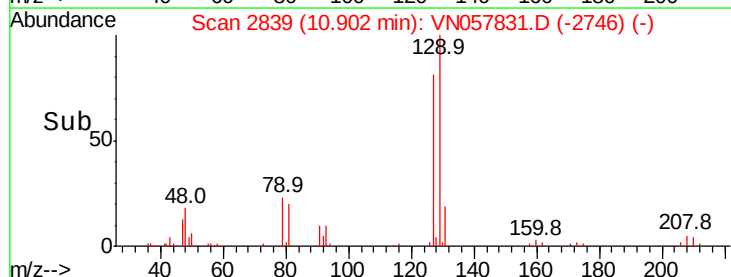
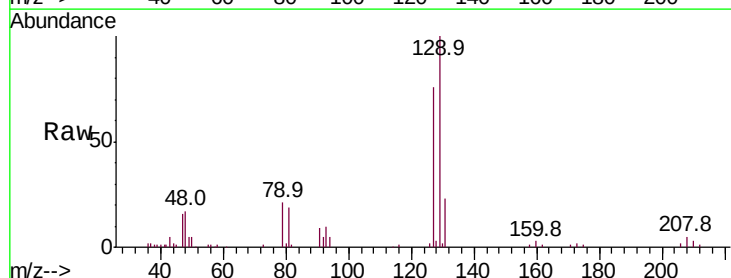
Acq: 10 Sep 2019 3:34

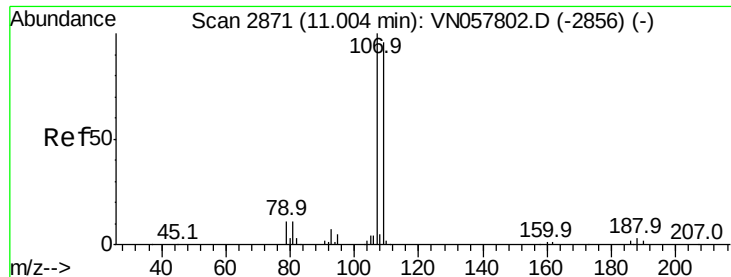
Tgt Ion: 129 Resp: 79155

Ion Ratio Lower Upper

129 100

127 76.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.148 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

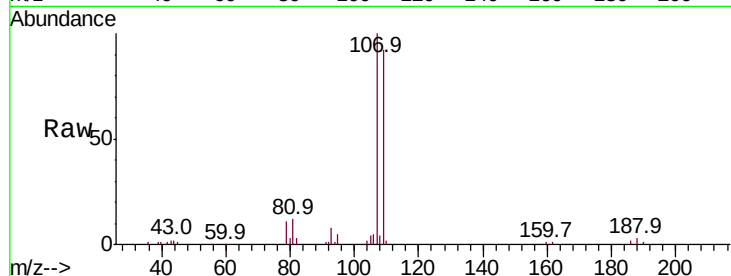
ClientSampled :

Tot Ion:107 Resp: 84609

Ion Ratio Lower Upper

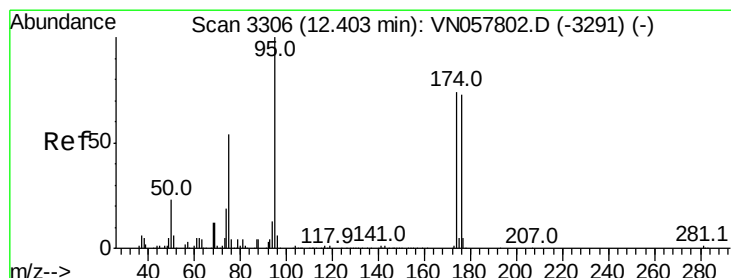
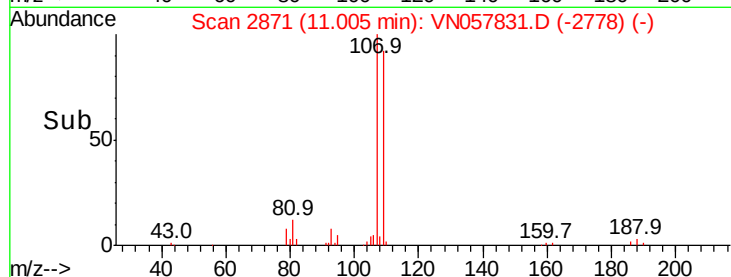
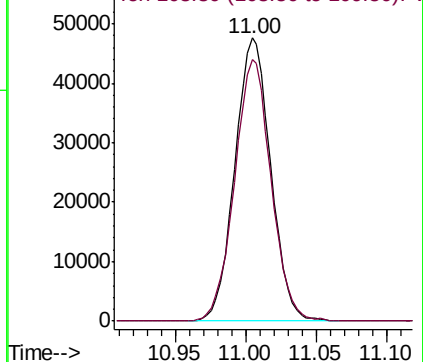
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.374 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

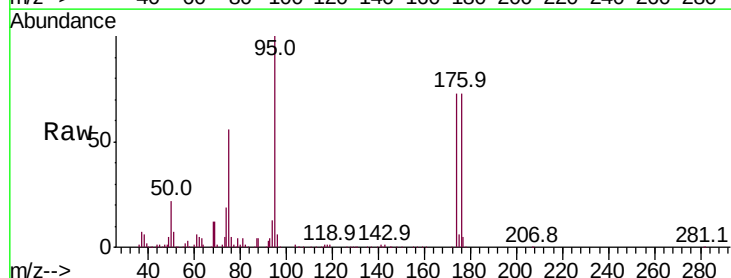
Tgt Ion: 95 Resp: 317746

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.2

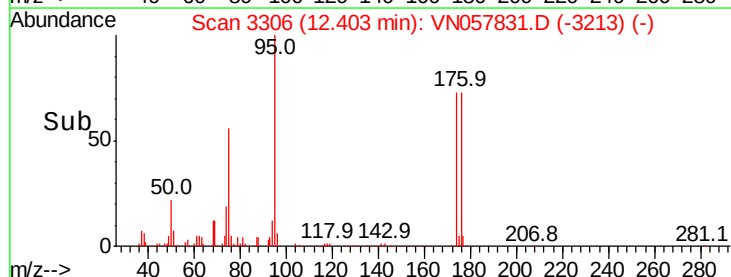
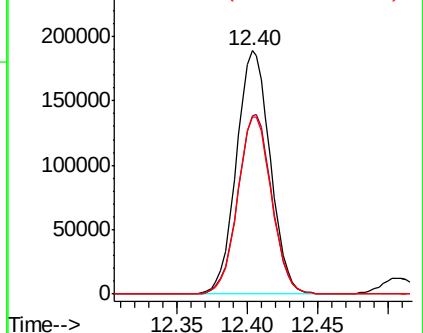
176 72.9 0.0 146.0

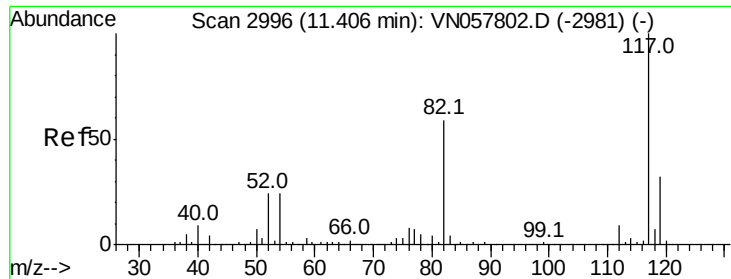


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

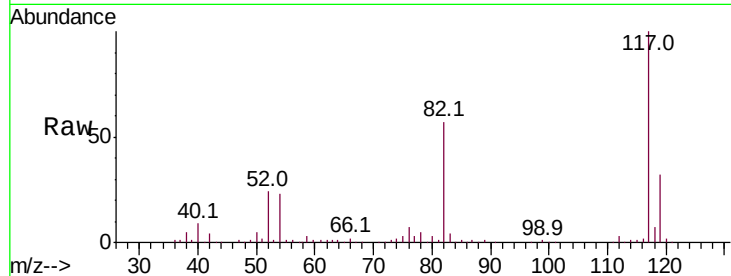




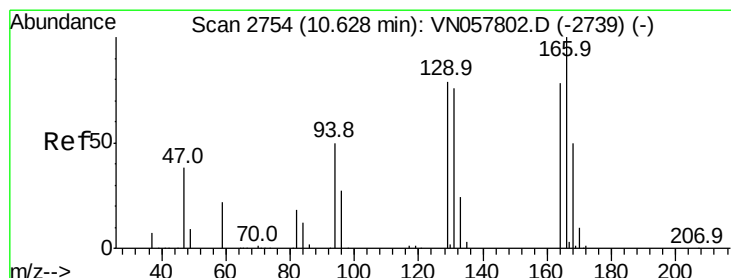
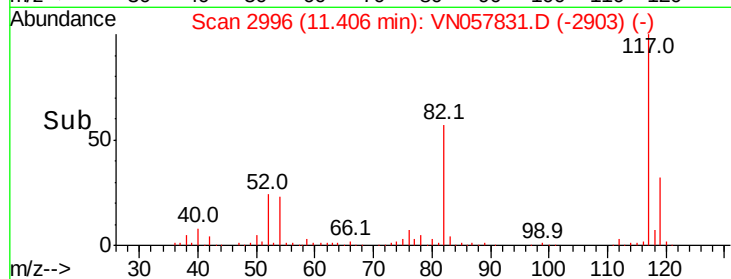
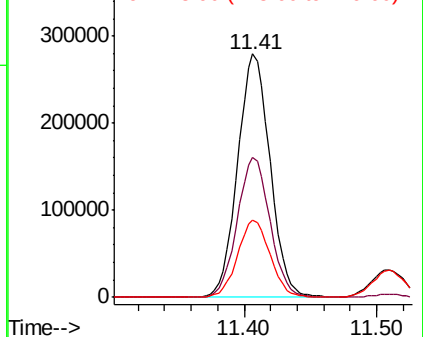
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 474648
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 31.5 25.3 37.9

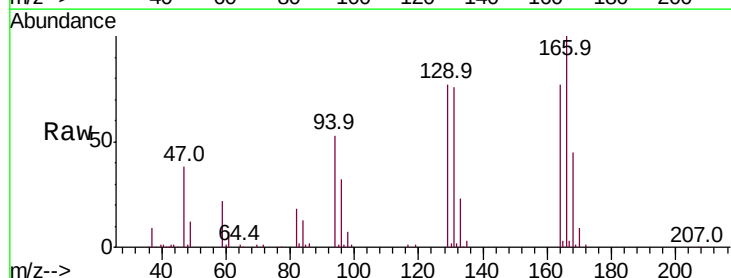


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

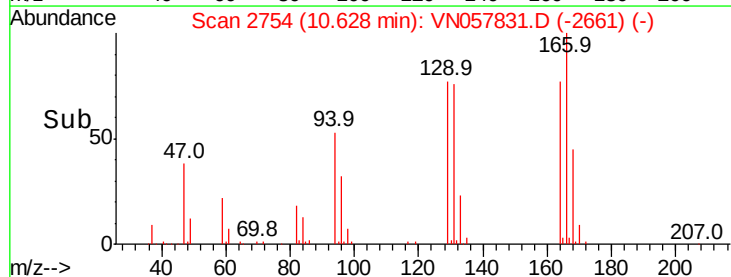
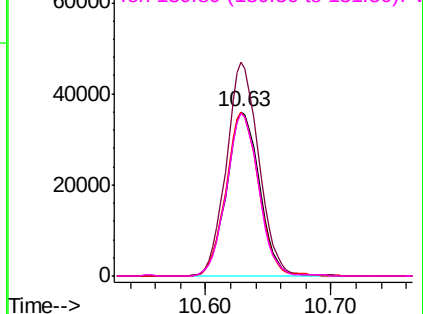


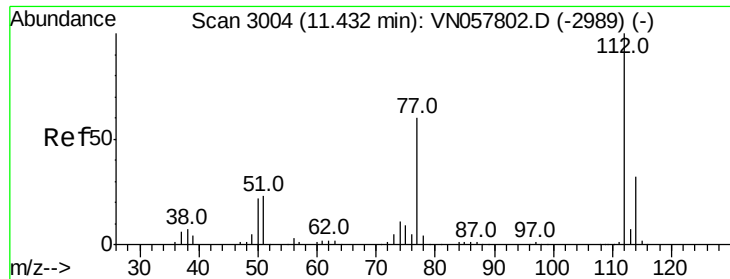
#64
Tetrachloroethene
Concen: 18.804 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion:164 Resp: 65901
Ion Ratio Lower Upper
164 100
166 130.2 102.2 153.2
129 100.2 80.8 121.2
131 99.3 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

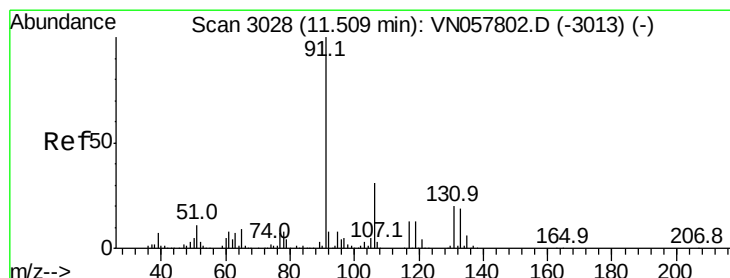
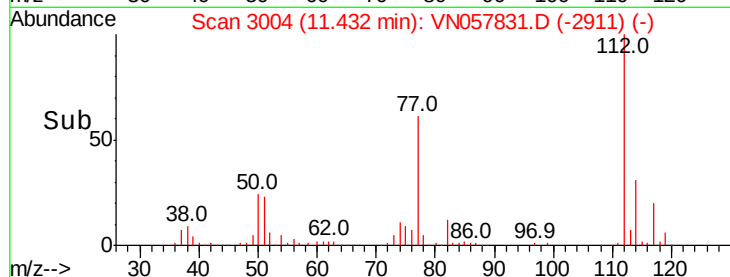
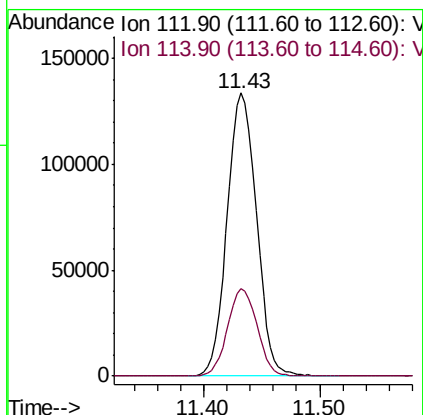
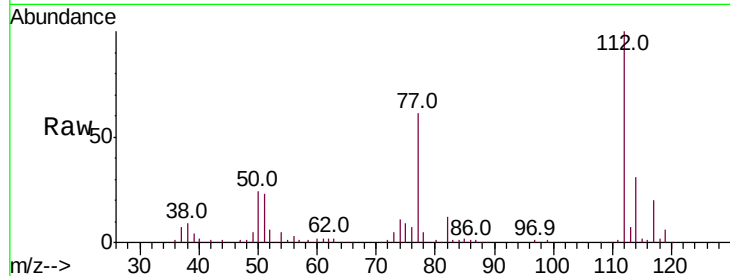




#65
Chlorobenzene
Concen: 18.906 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

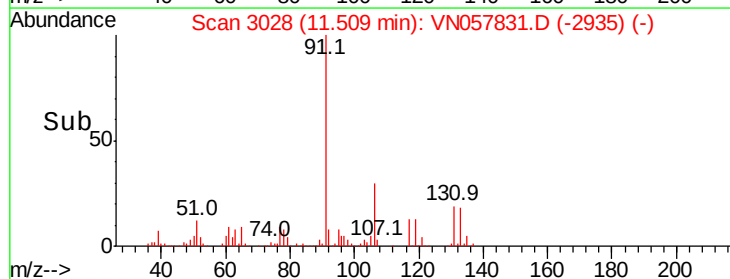
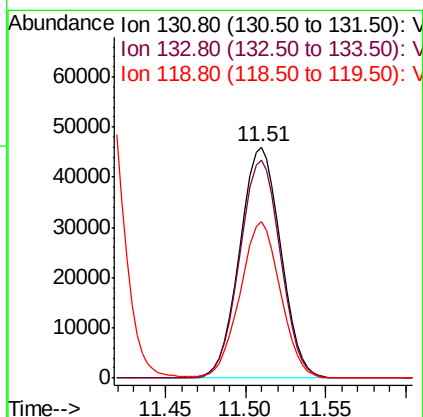
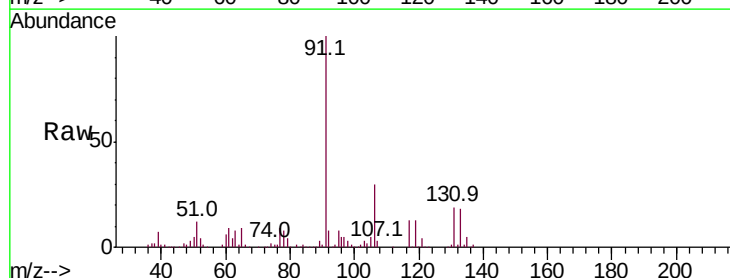
Instrument :
MSVOA_N
ClientSampled :

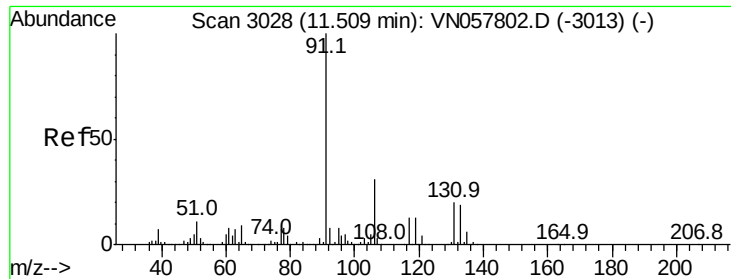
Tot Ion:112 Resp: 234848
Ion Ratio Lower Upper
112 100
114 30.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.672 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion:131 Resp: 80483
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 66.9 33.3 99.8





#67

Ethyl Benzene

Concen: 19.202 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

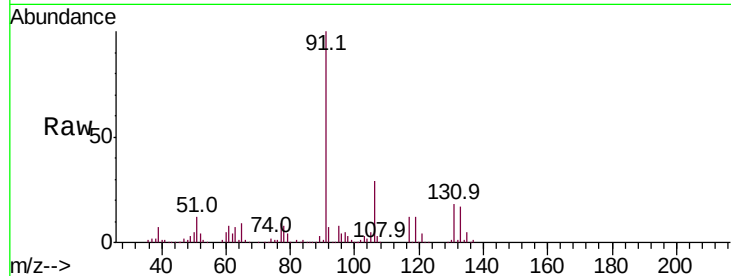
ClientSampled :

Tot Ion: 91 Resp: 418032

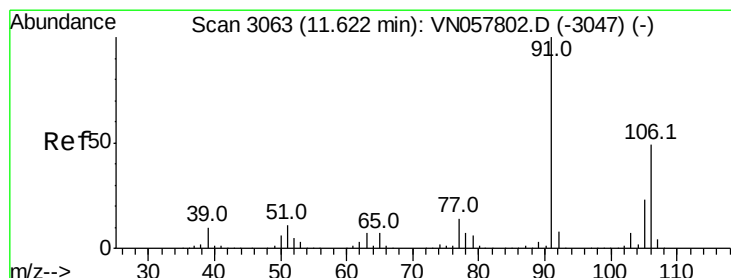
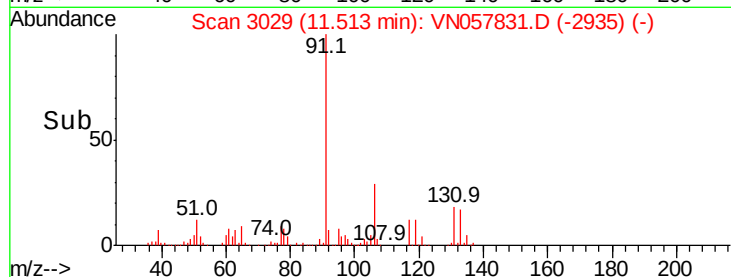
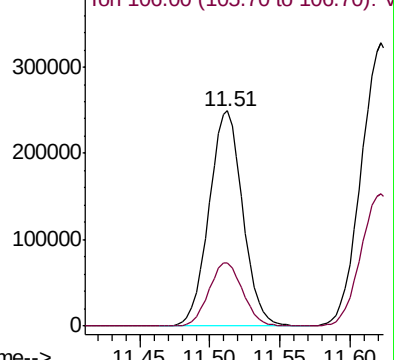
Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3013) (-)



#68

m/p-Xylenes

Concen: 37.686 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057831.D

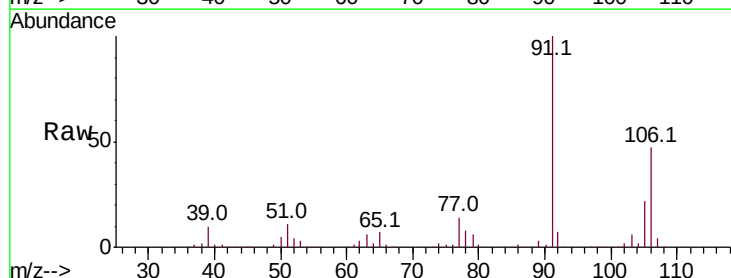
Acq: 10 Sep 2019 3:34

Tgt Ion: 106 Resp: 300518

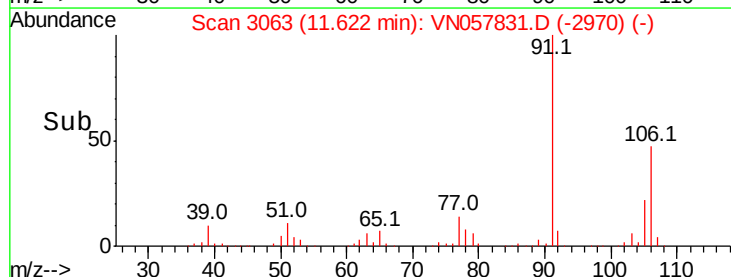
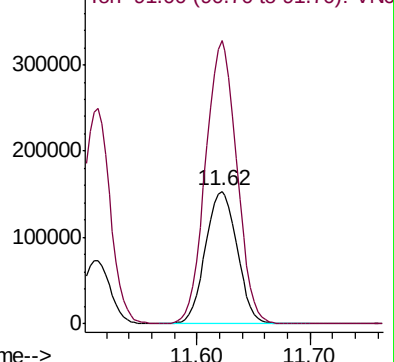
Ion Ratio Lower Upper

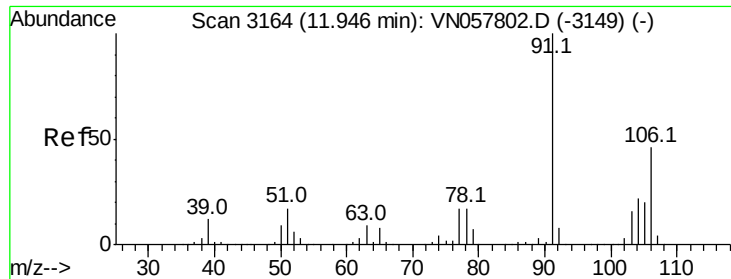
106 100

91 209.7 165.8 248.6



Abundance Ion 106.00 (105.70 to 106.70): VN057802.D (-3047) (-)

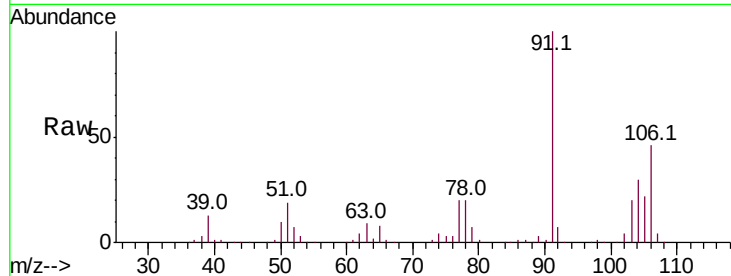




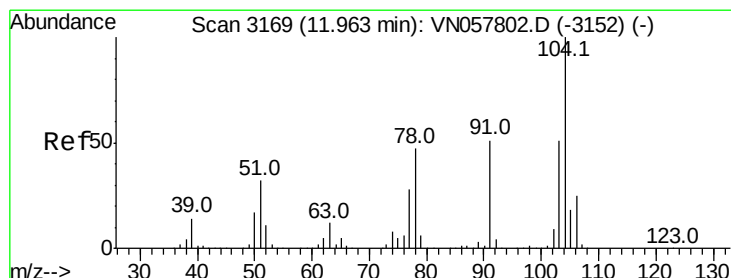
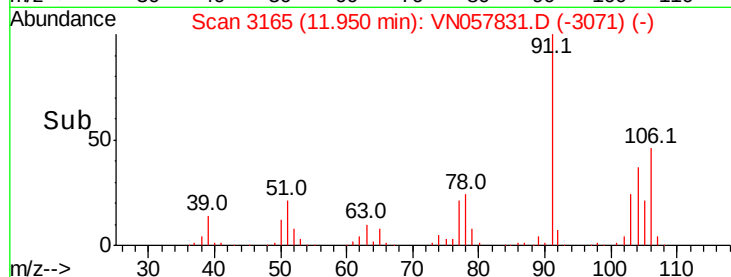
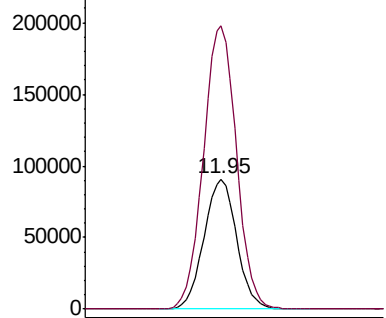
#69
o-Xylene
Concen: 19.099 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 151411
Ion Ratio Lower Upper
106 100
91 219.2 108.7 326.1

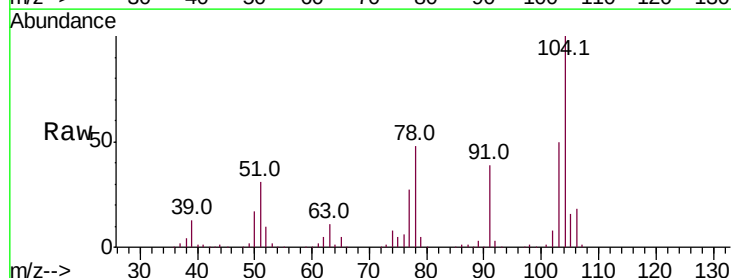


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

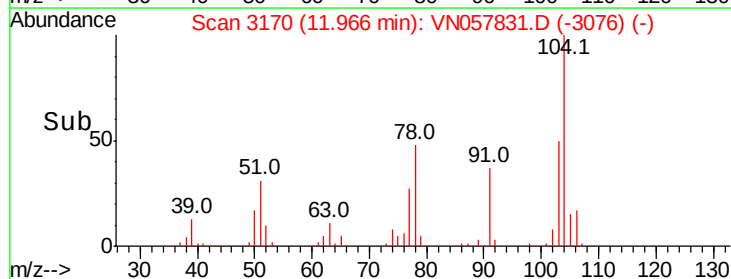
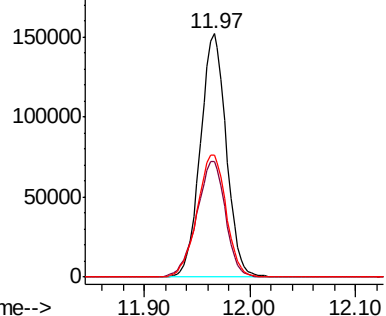


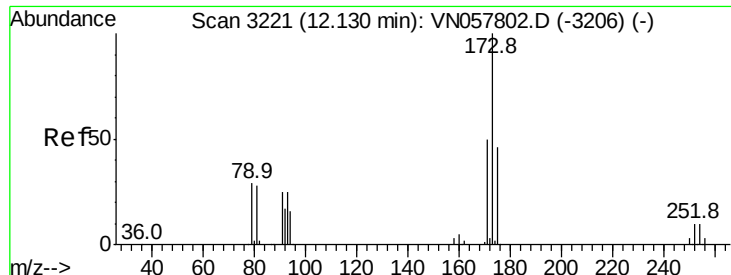
#70
Styrene
Concen: 18.904 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion:104 Resp: 257918
Ion Ratio Lower Upper
104 100
78 52.9 41.3 61.9
103 56.3 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

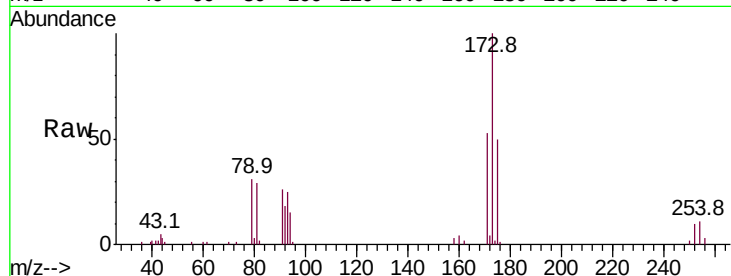




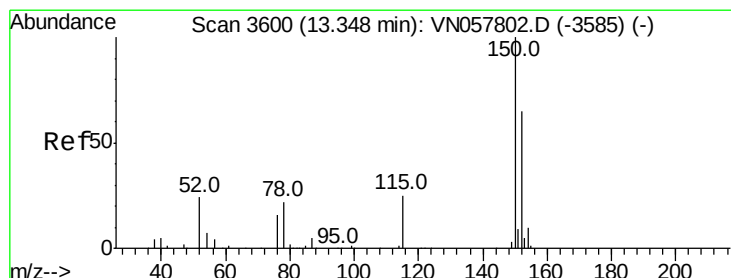
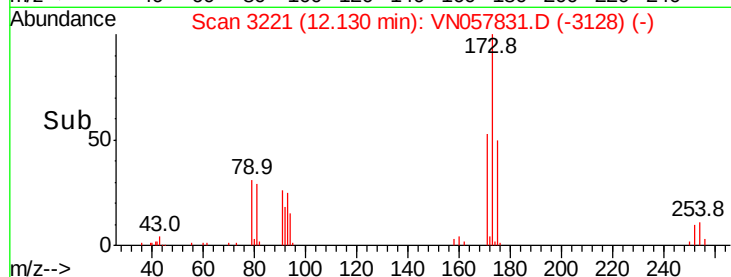
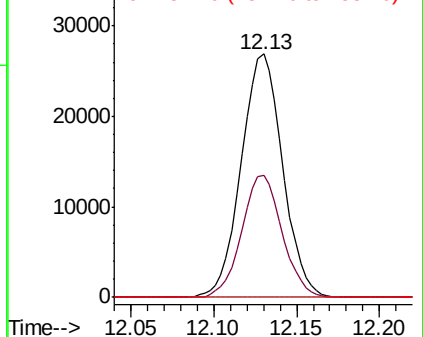
#71
Bromoform
Concen: 17.362 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 46657
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.6
254 0.0 0.1 0.1#

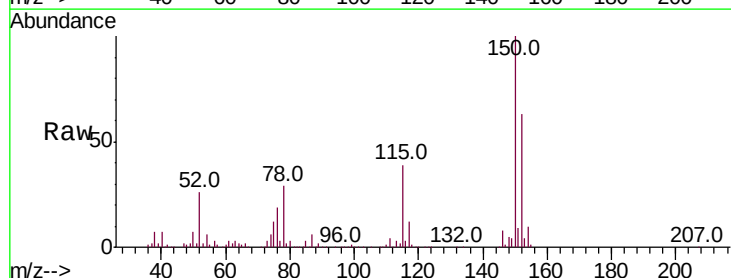


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

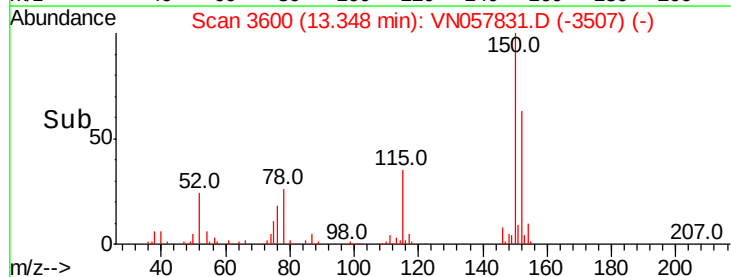
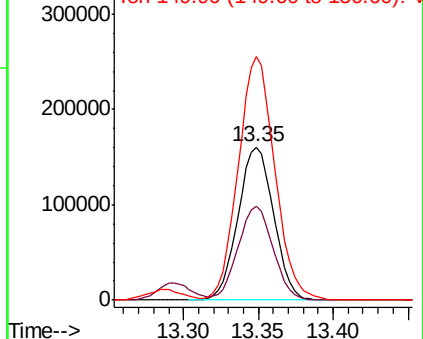


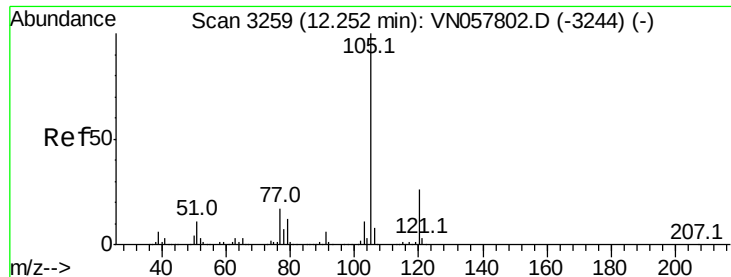
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion:152 Resp: 266229
Ion Ratio Lower Upper
152 100
115 60.6 30.3 91.0
150 163.8 0.0 352.4



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: 20.096 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

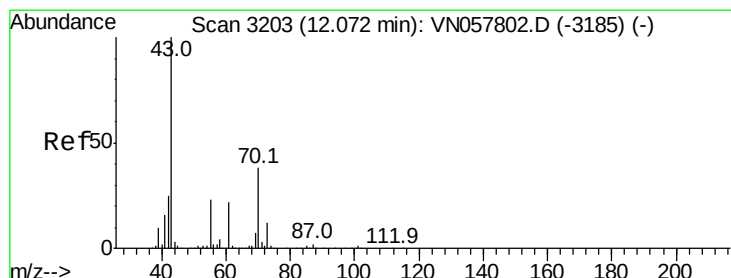
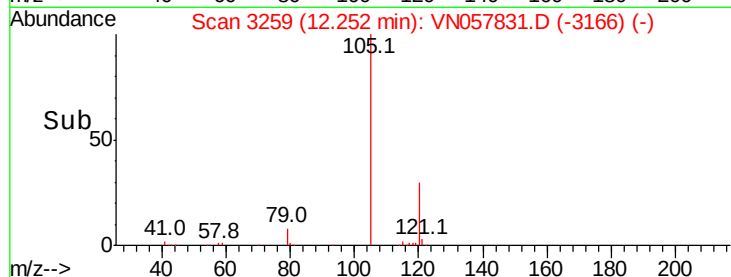
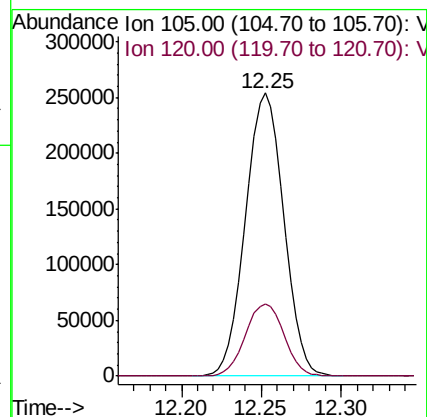
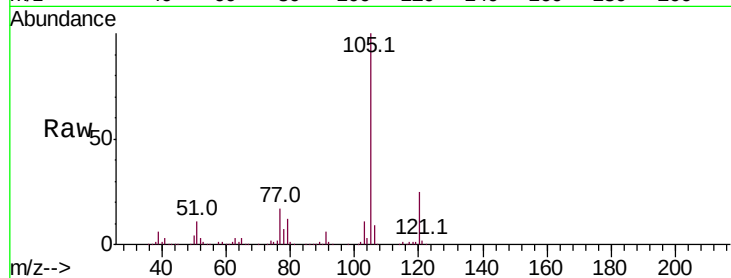
ClientSampled :

Tot Ion:105 Resp: 415162

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 19.030 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Tgt Ion: 43 Resp: 171095

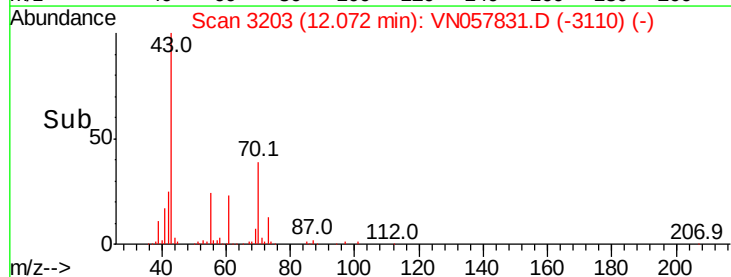
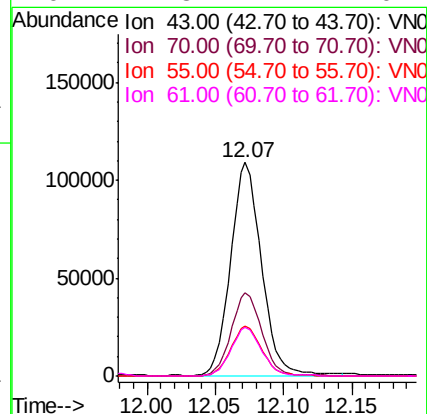
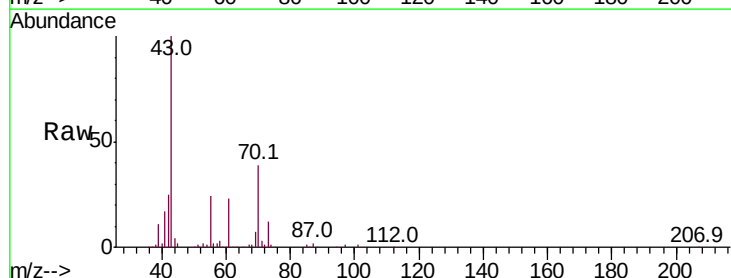
Ion Ratio Lower Upper

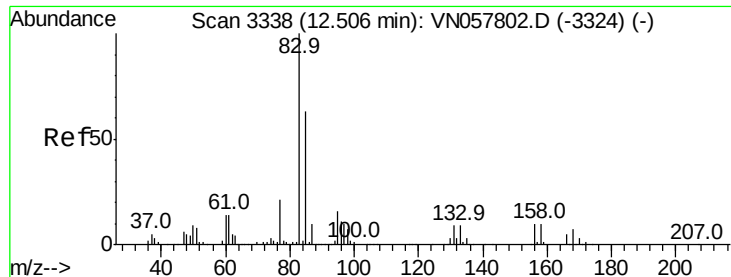
43 100

70 38.9 30.6 45.8

55 24.0 18.6 27.8

61 22.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.037 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

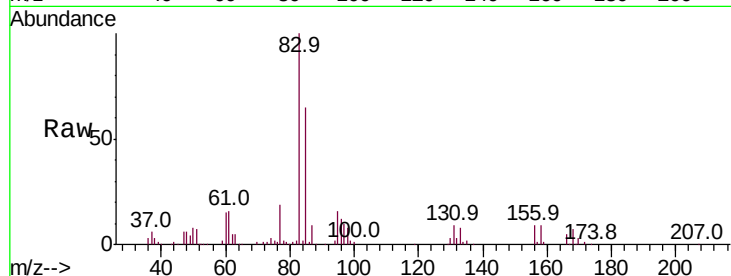
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 83 Resp: 132416

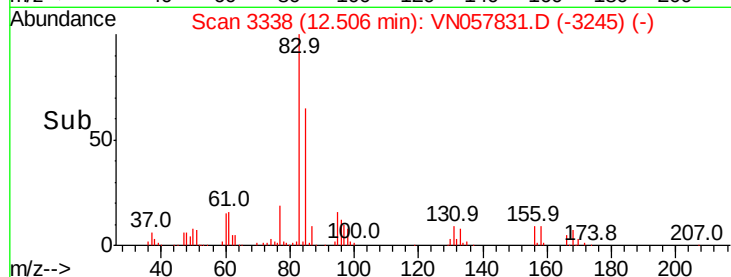
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.3
85	64.9	31.6	94.7



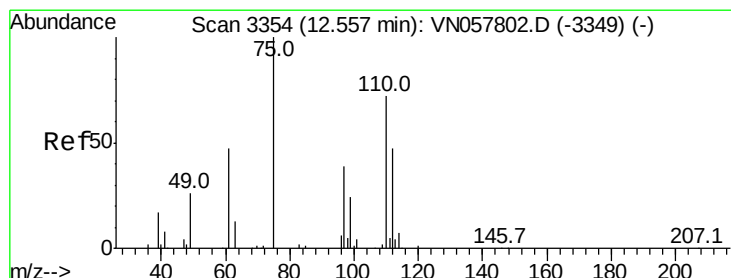
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 26.161 ug/l

RT: 12.56 min Scan# 3354

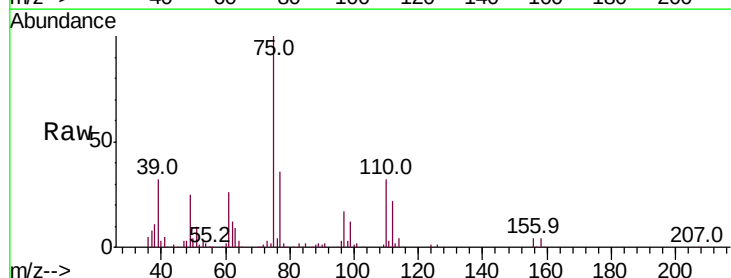
Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

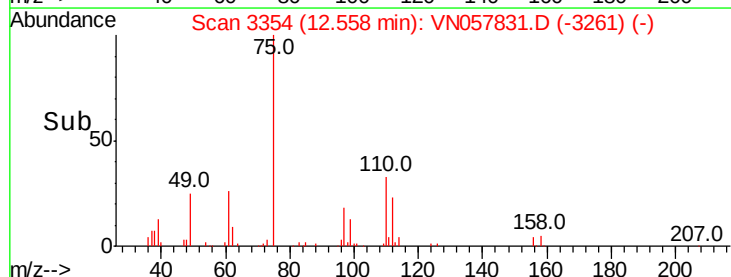
Tgt Ion: 75 Resp: 157556

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

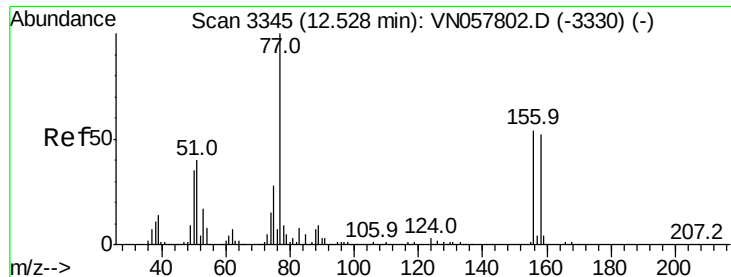


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 18.757 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampleId :

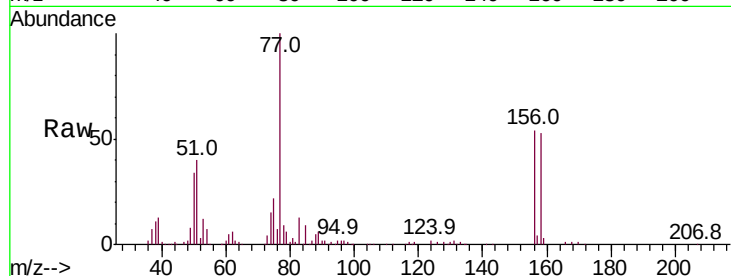
Tot Ion:156 Resp: 96610

Ion Ratio Lower Upper

156 100

77 222.8 113.7 341.1

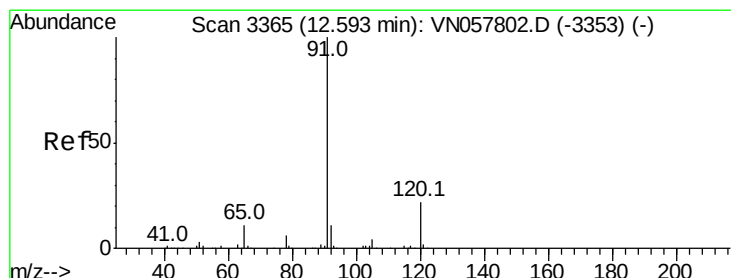
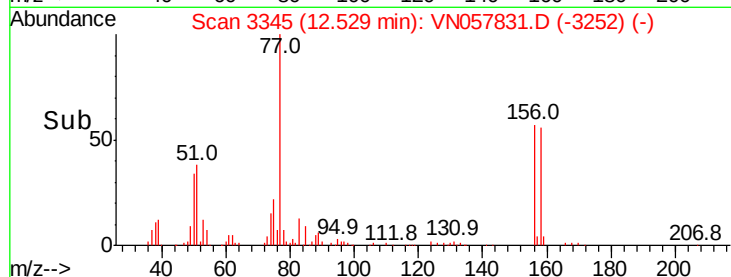
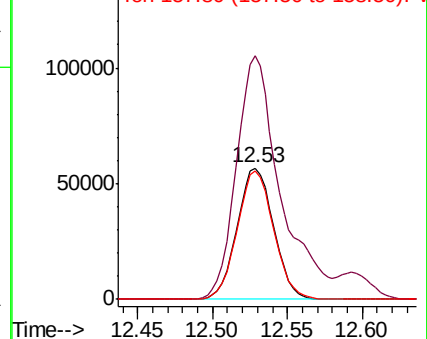
158 97.6 48.5 145.6



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: 19.929 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057831.D

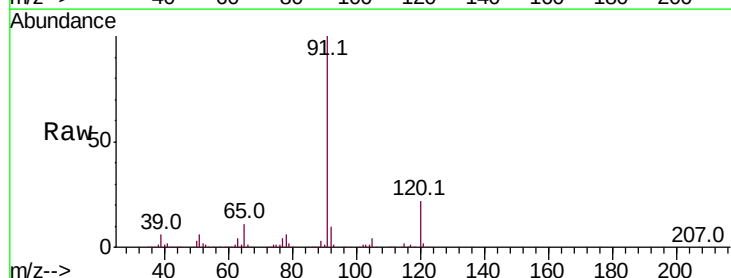
Acq: 10 Sep 2019 3:34

Tgt Ion: 91 Resp: 472756

Ion Ratio Lower Upper

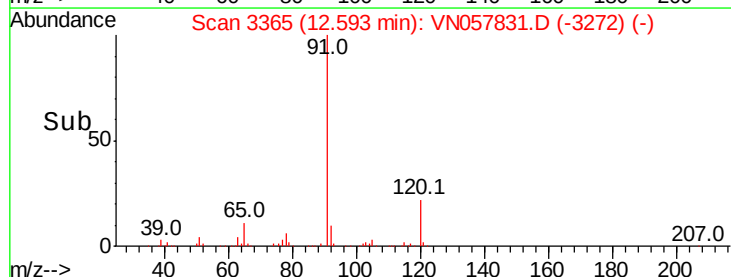
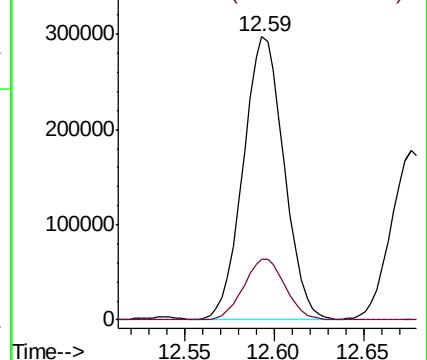
91 100

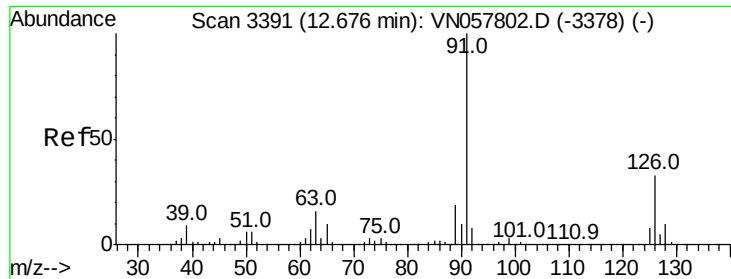
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.372 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

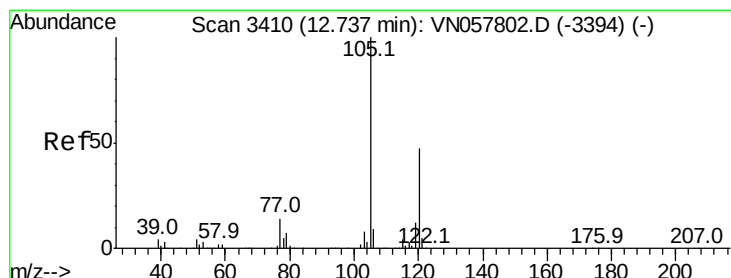
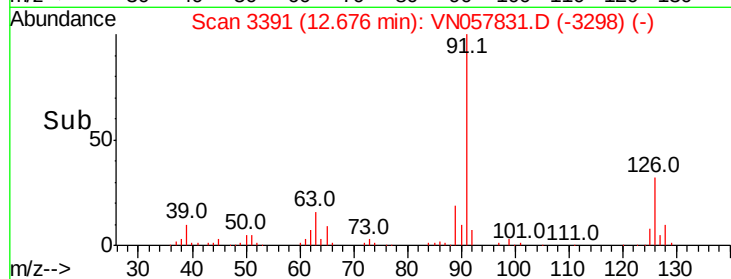
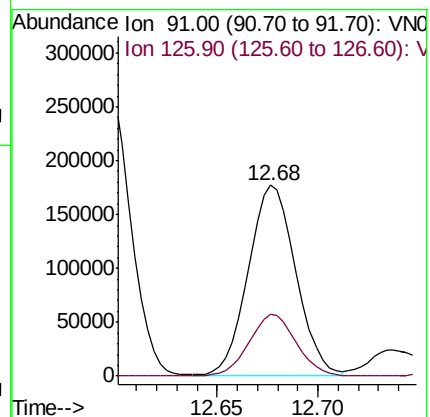
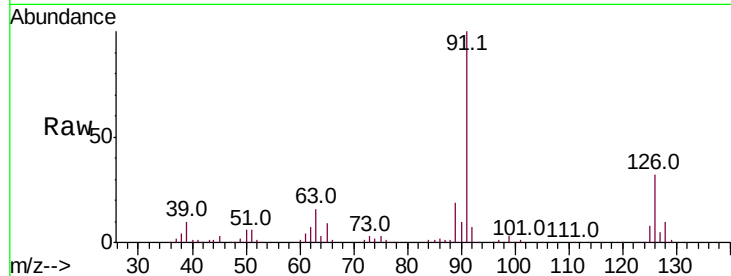
ClientSampled :

Tot Ion: 91 Resp: 290457

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 20.132 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057831.D

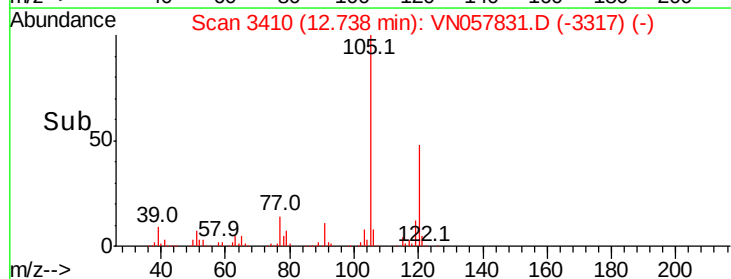
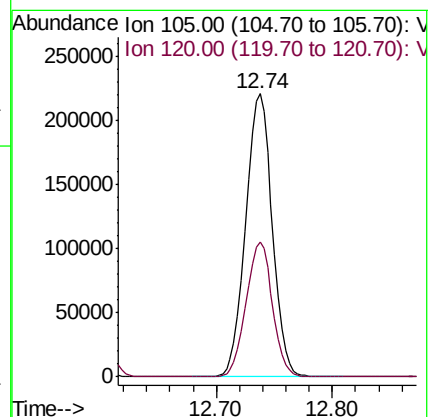
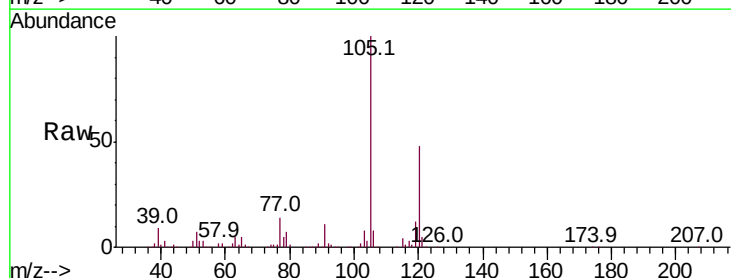
Acq: 10 Sep 2019 3:34

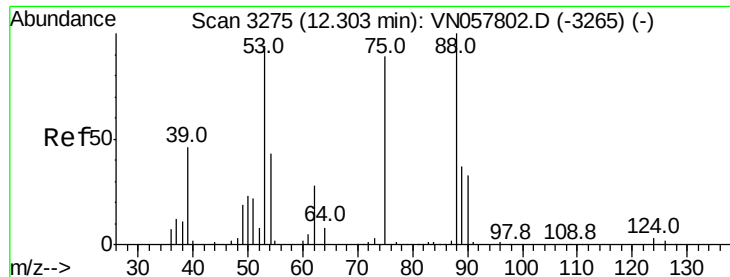
Tgt Ion:105 Resp: 351406

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 14.191 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampled :

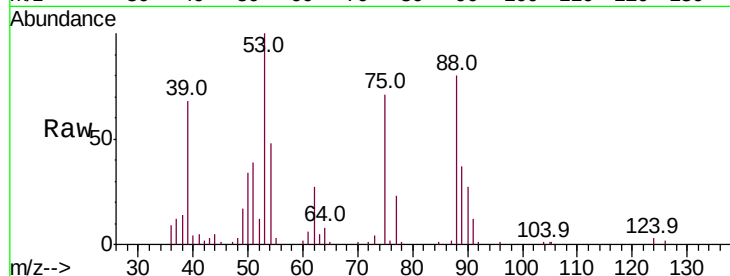
Tot Ion: 75 Resp: 24287

Ion Ratio Lower Upper

75 100

53 140.0 88.4 132.6#

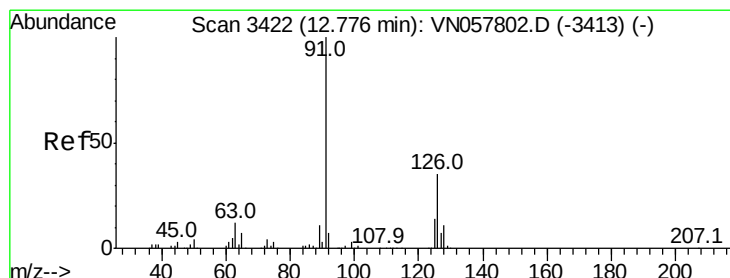
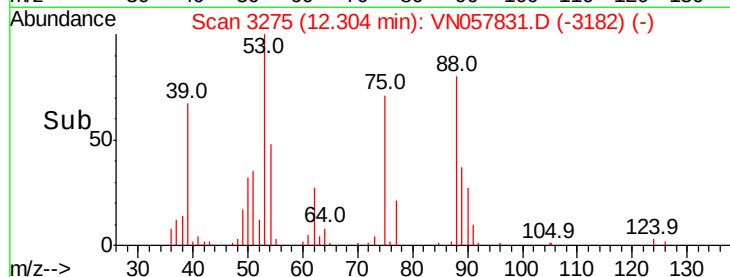
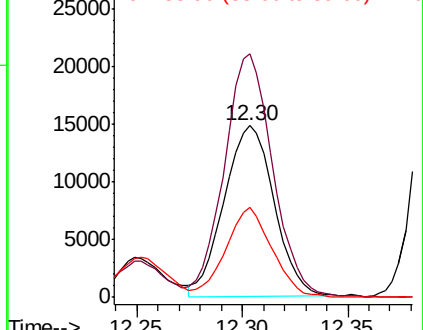
89 49.0 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.185 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057831.D

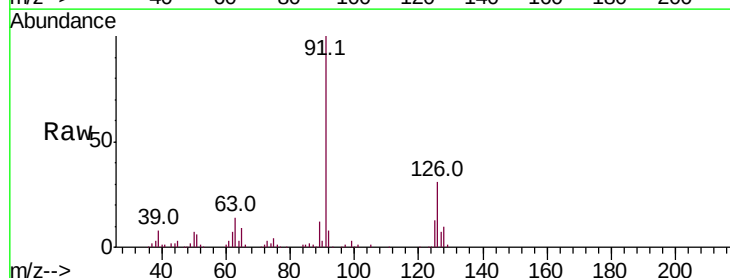
Acq: 10 Sep 2019 3:34

Tgt Ion: 91 Resp: 295393

Ion Ratio Lower Upper

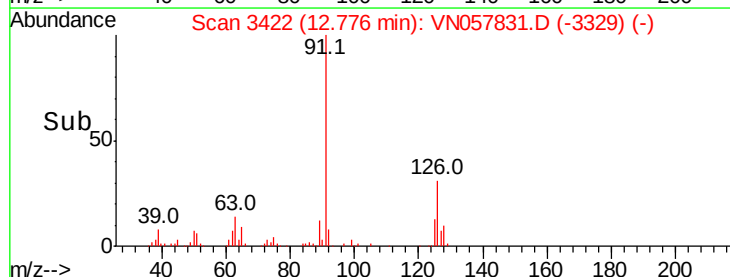
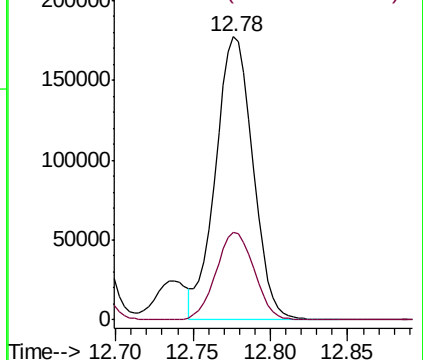
91 100

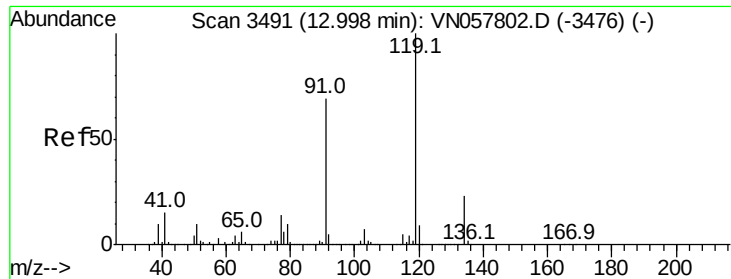
126 31.8 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.663 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampled :

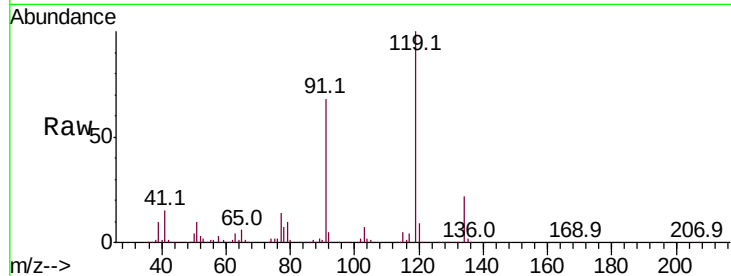
Tot Ion:119 Resp: 305093

Ion Ratio Lower Upper

119 100

91 67.4 33.6 100.8

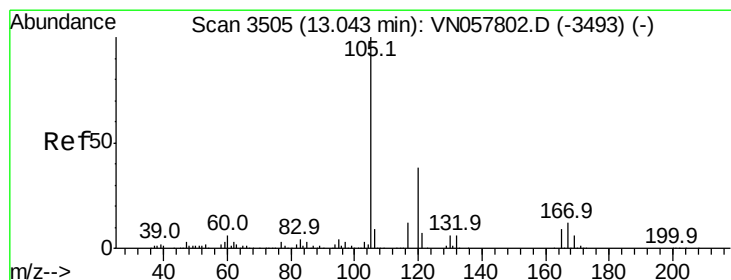
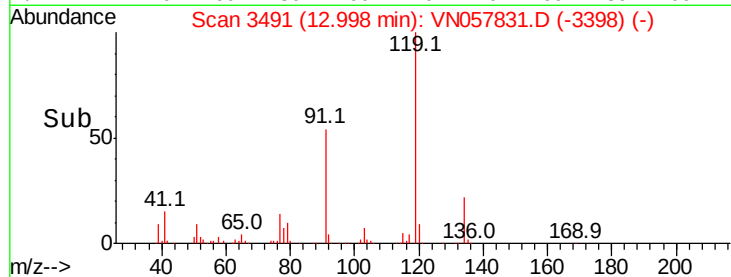
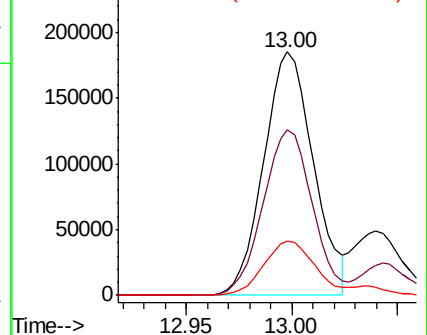
134 22.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.980 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN057831.D

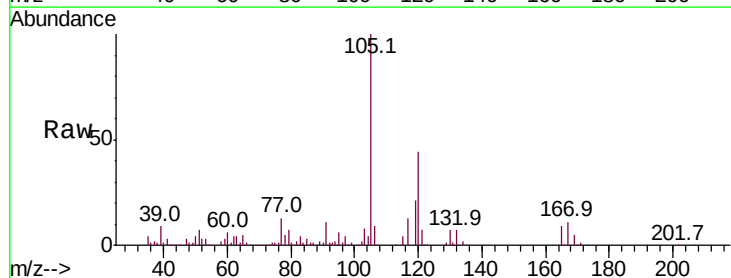
Acq: 10 Sep 2019 3:34

Tgt Ion:105 Resp: 354456

Ion Ratio Lower Upper

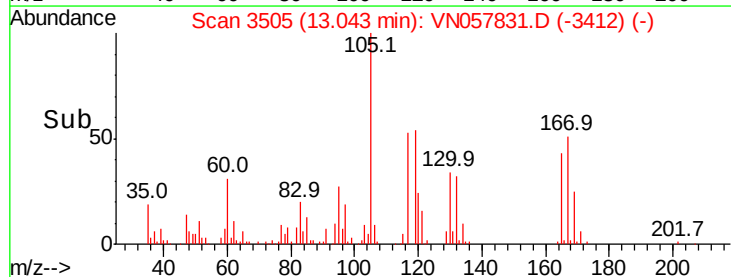
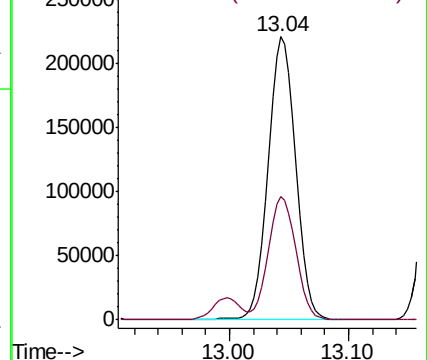
105 100

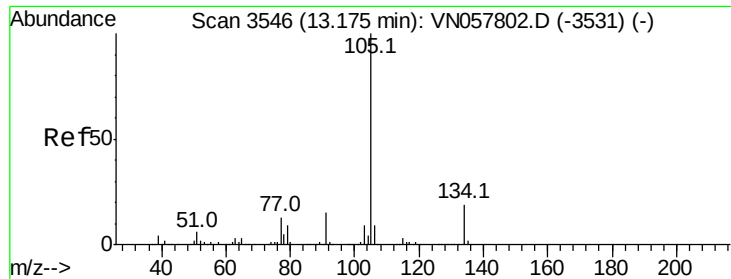
120 43.5 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.810 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

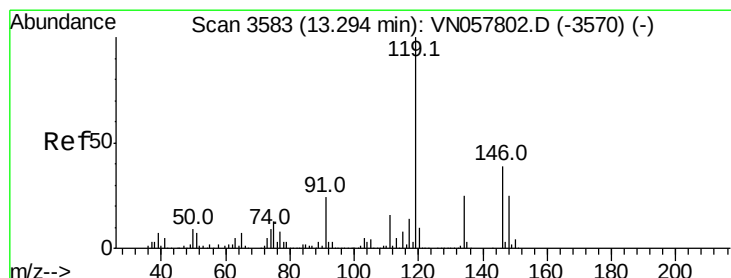
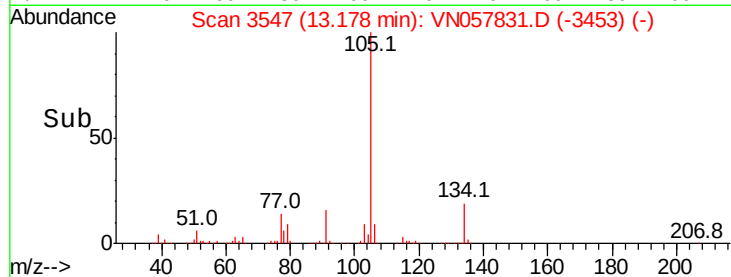
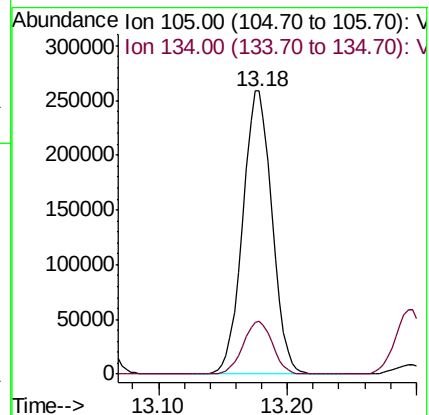
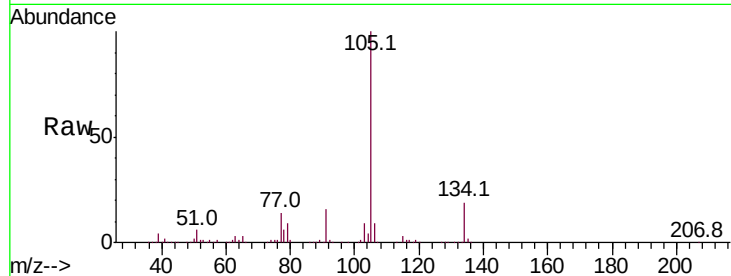
ClientSampled :

Tot Ion:105 Resp: 407405

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.912 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

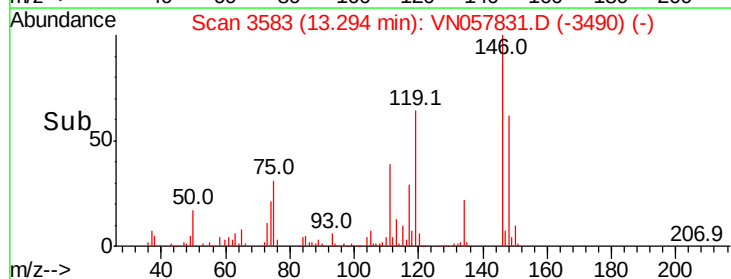
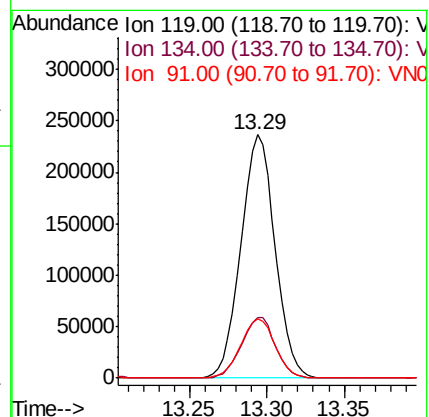
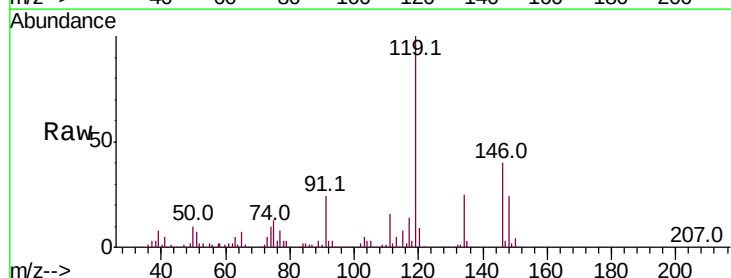
Tgt Ion:119 Resp: 360814

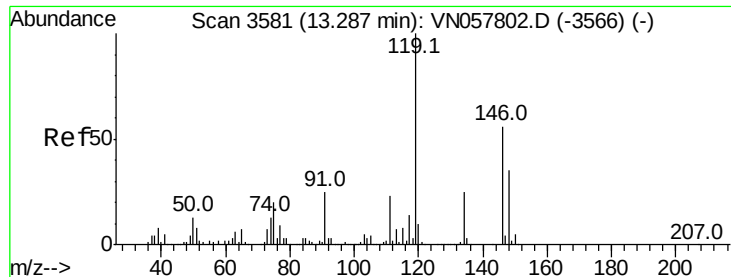
Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

91 24.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.041 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

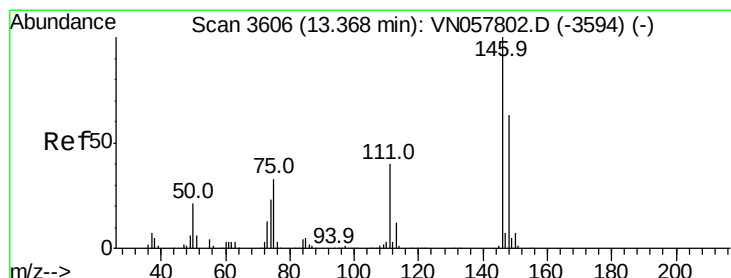
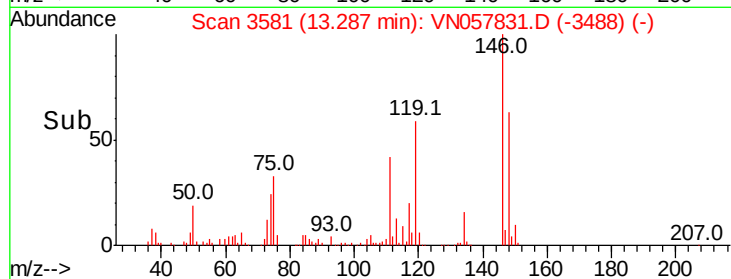
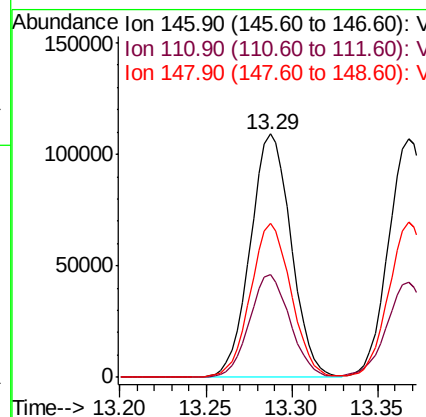
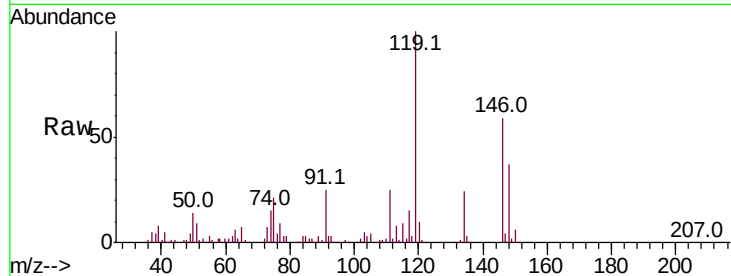
Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:146 Resp: 180016

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	63.0	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 18.692 ug/l

RT: 13.37 min Scan# 3606

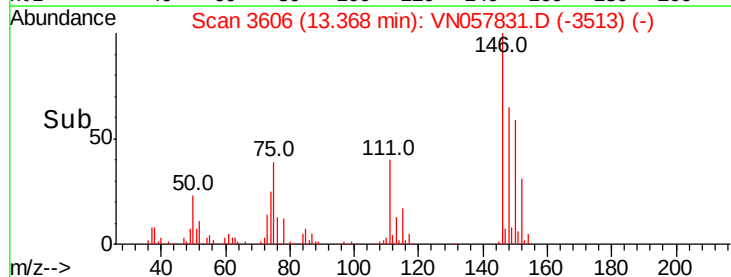
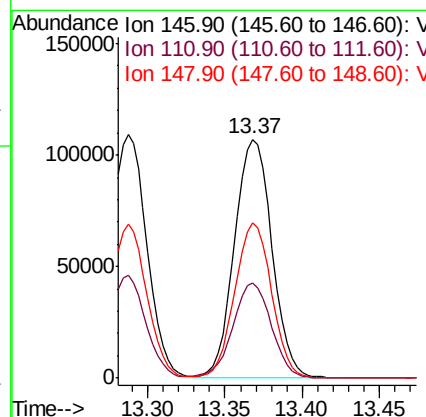
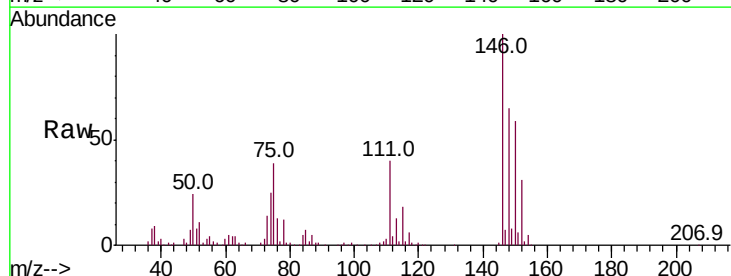
Delta R.T. 0.00 min

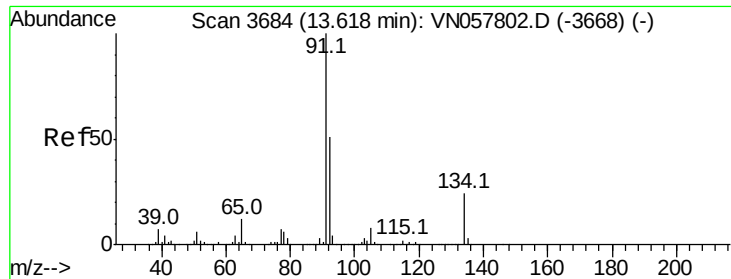
Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Tgt Ion:146 Resp: 179372

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.2
148	64.2	31.8	95.4

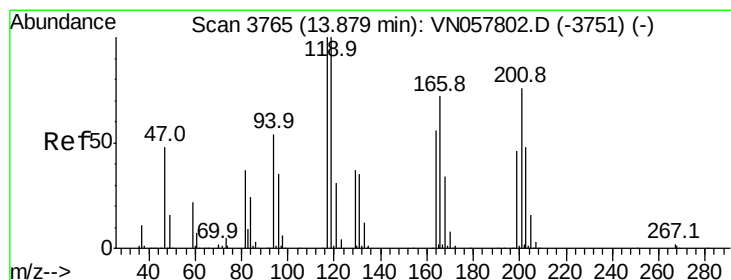
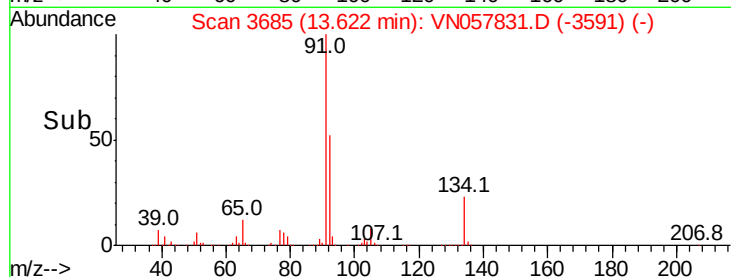
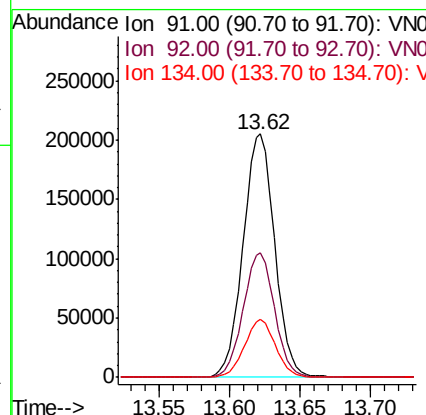
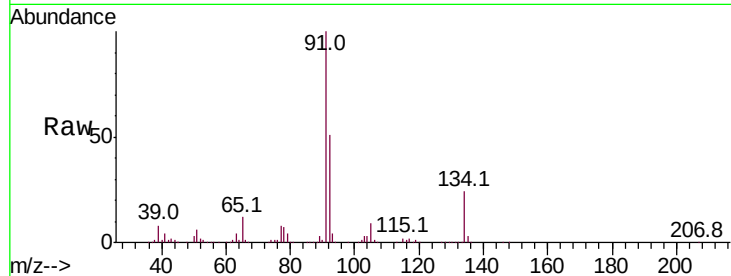




#89
n-Butylbenzene
Concen: 18.869 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

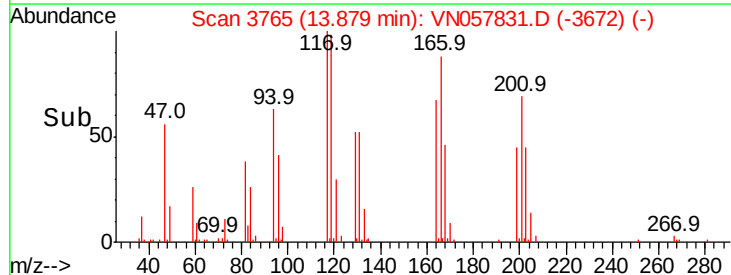
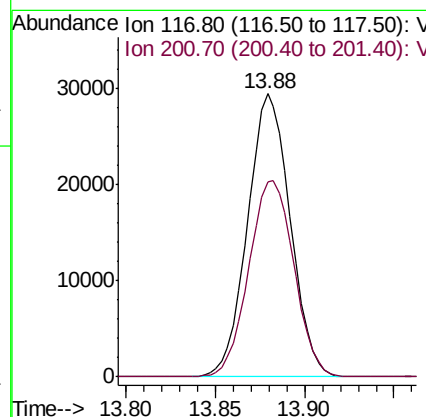
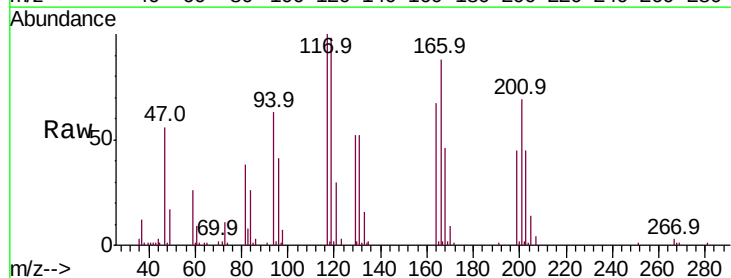
Instrument :
MSVOA_N
ClientSampled :

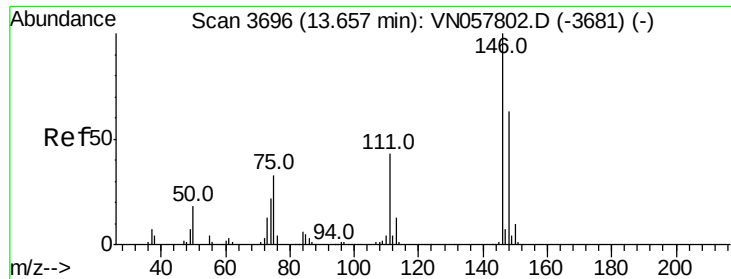
Tot Ion: 91 Resp: 322895
Ion Ratio Lower Upper
91 100
92 50.7 25.7 77.0
134 23.5 11.9 35.7



#90
Hexachloroethane
Concen: 18.216 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057831.D
Acq: 10 Sep 2019 3:34

Tgt Ion: 117 Resp: 49089
Ion Ratio Lower Upper
117 100
201 73.5 37.5 112.7

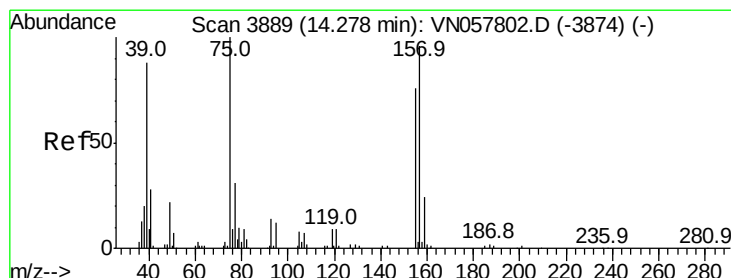
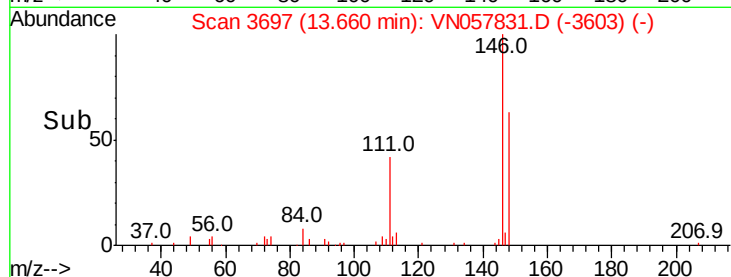
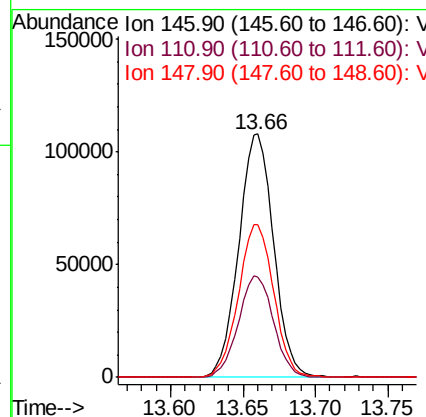
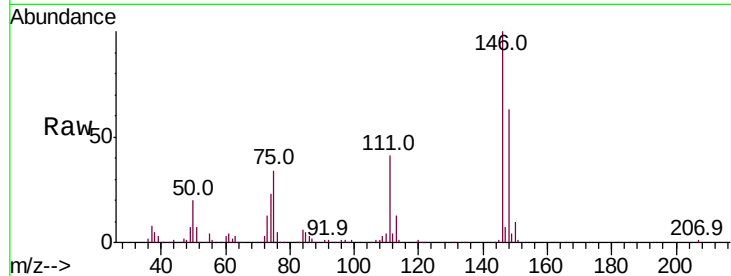




#91
 1,2-Dichlorobenzene
 Concen: 19.099 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

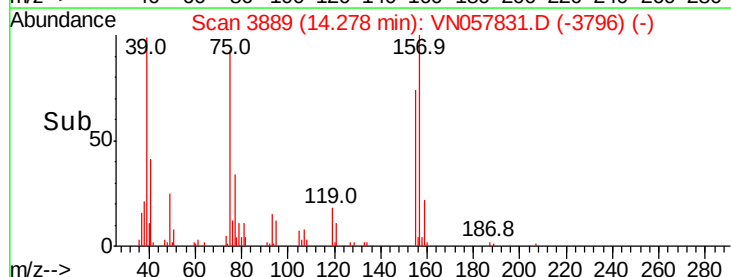
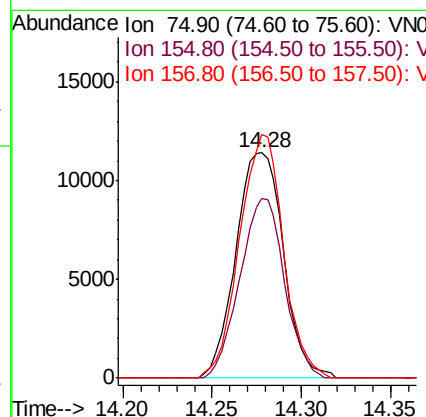
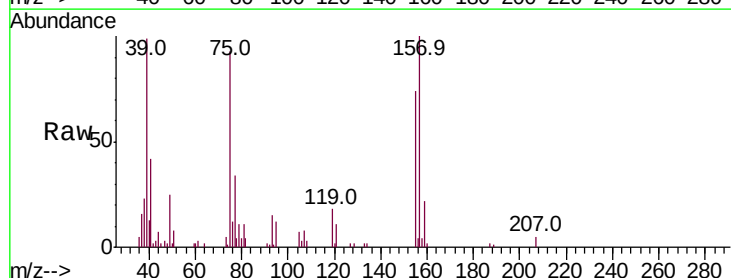
Instrument :
 MSVOA_N
 ClientSampled :

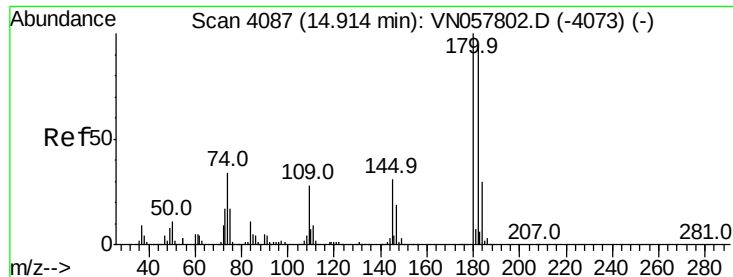
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.6	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.435 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	37.3	111.8
157	99.5	47.9	143.8

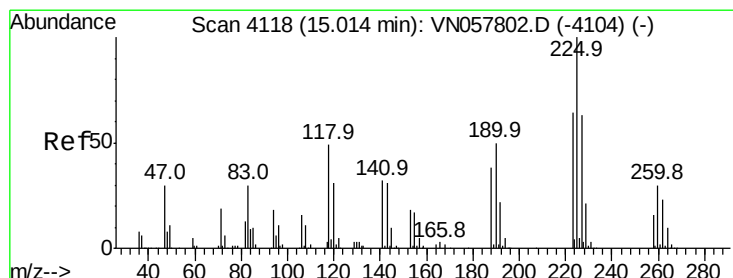
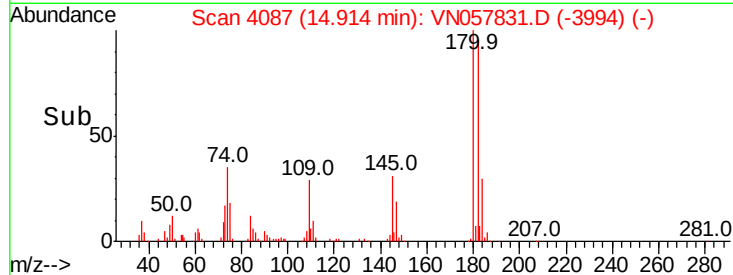
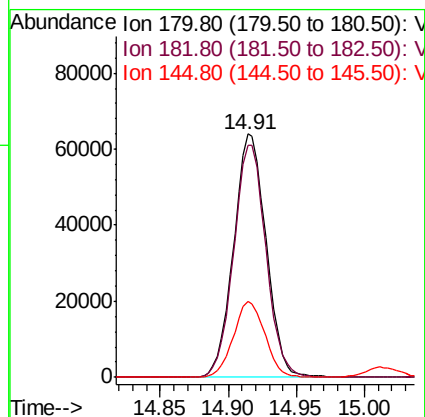
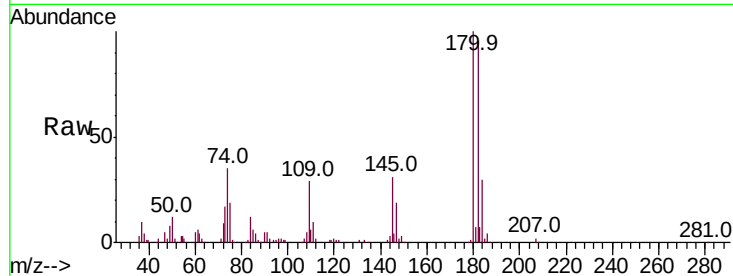




#93
 1,2,4-Trichlorobenzene
 Concen: 17.098 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

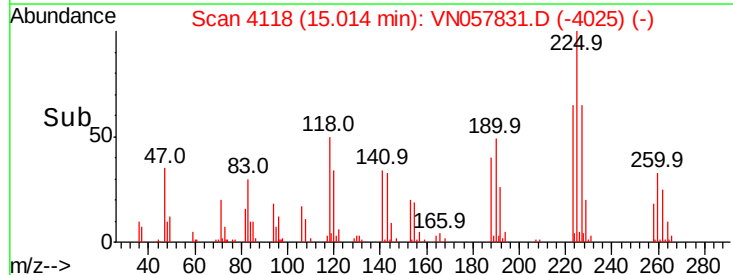
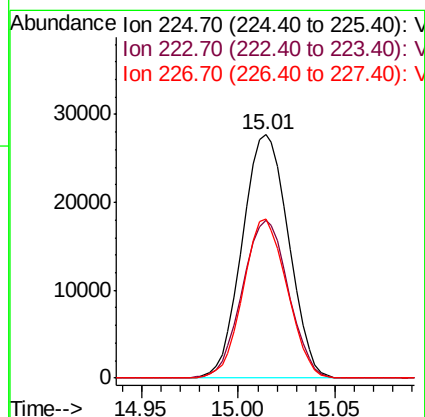
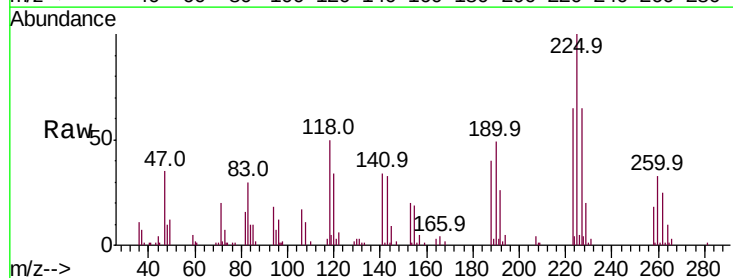
Instrument :
 MSVOA_N
 ClientSampled :

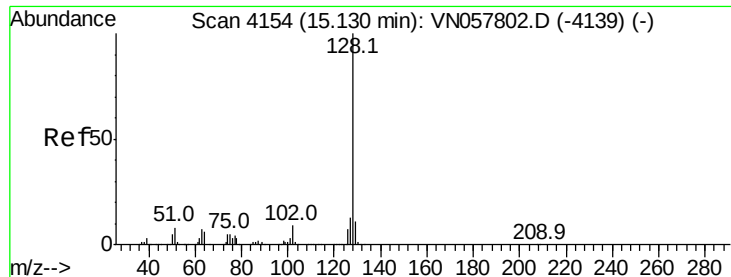
Tot Ion:	180	Resp:	105555
Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.8
145	30.4	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 17.606 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057831.D
 Acq: 10 Sep 2019 3:34

Tgt Ion:	225	Resp:	46073
Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.4	97.2
227	62.1	31.8	95.4





#95

Naphthalene

Concen: 18.352 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

Instrument :

MSVOA_N

ClientSampled :

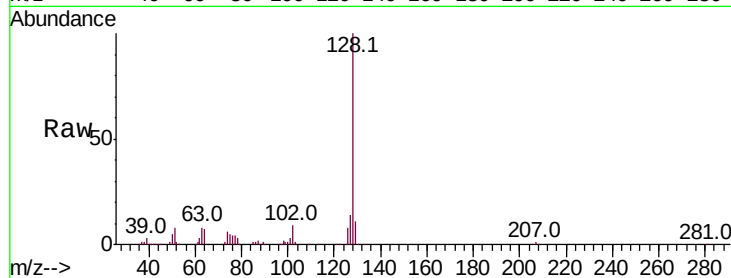
Tot Ion:128 Resp: 301518

Ion Ratio Lower Upper

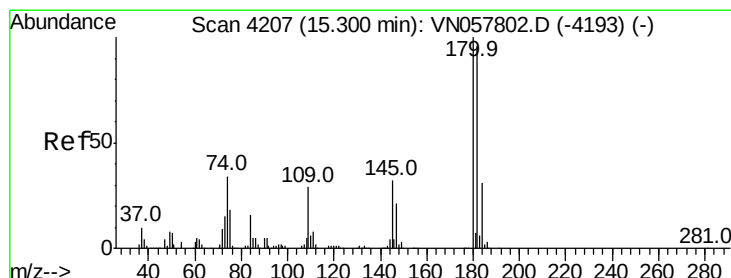
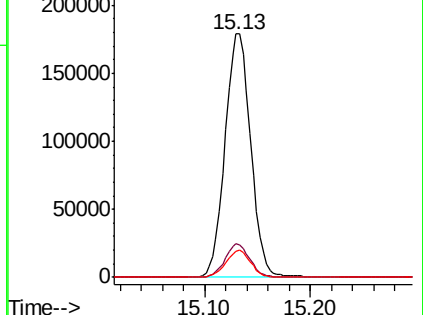
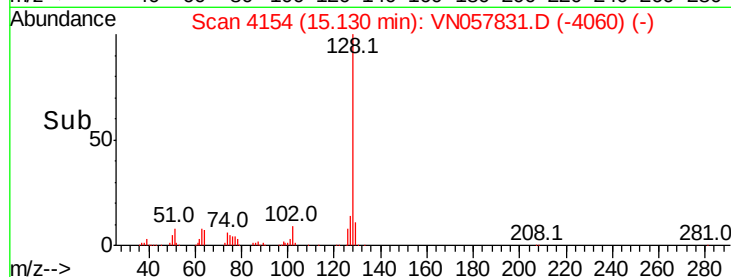
128 100

127 13.0 10.3 15.5

129 10.6 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: 19.662 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057831.D

Acq: 10 Sep 2019 3:34

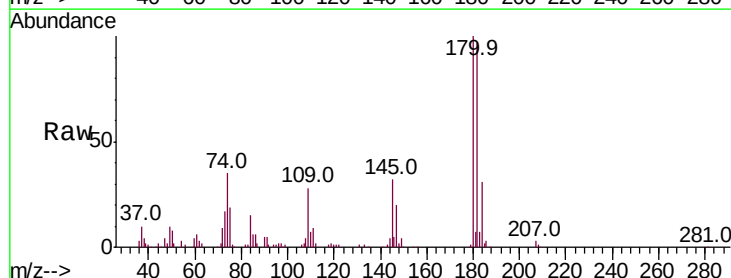
Tgt Ion:180 Resp: 102636

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.8

145 31.9 16.3 48.8



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

