

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057704.D
 Acq On : 5 Sep 2019 18:32
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 06 02:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 02:20:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	202372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	333955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	308987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	89855	19.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.46%	
35) Dibromofluoromethane	7.58	113	55309	18.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.60%	
50) Toluene-d8	10.08	98	206058	18.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.62%	
62) 4-Bromofluorobenzene	12.40	95	82384	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	70971	22.285	ug/l	90
3) Chloromethane	2.04	50	92305	28.053	ug/l	99
4) Vinyl Chloride	2.17	62	58668	21.733	ug/l	98
5) Bromomethane	2.54	94	25409	16.752	ug/l	95
6) Chloroethane	2.68	64	35103	19.365	ug/l	94
7) Trichlorofluoromethane	3.00	101	97634	19.823	ug/l	95
8) Diethyl Ether	3.39	74	40898	23.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	60378	22.067	ug/l	99
10) Methyl Iodide	3.93	142	50955	16.132	ug/l	97
11) Tert butyl alcohol	4.76	59	58092	113.693	ug/l #	80
12) 1,1-Dichloroethene	3.72	96	52352	22.076	ug/l	88
13) Acrolein	3.59	56	26326	98.703	ug/l	90
14) Allyl chloride	4.30	41	120255	22.263	ug/l	99
15) Acrylonitrile	4.96	53	156947	119.672	ug/l	100
16) Acetone	3.79	43	158593	100.843	ug/l	96
17) Carbon Disulfide	4.03	76	121663	21.922	ug/l	100
18) Methyl Acetate	4.30	43	82197	20.019	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	222663	22.482	ug/l	100
20) Methylene Chloride	4.53	84	67213	22.115	ug/l	90
21) trans-1,2-Dichloroethene	5.02	96	56505	22.048	ug/l	96
22) Diisopropyl ether	5.93	45	260482	22.563	ug/l	99
23) Vinyl Acetate	5.87	43	1091557	125.634	ug/l	99
24) 1,1-Dichloroethane	5.83	63	134426	23.022	ug/l	98
25) 2-Butanone	6.82	43	234888	113.012	ug/l	98
26) 2,2-Dichloropropane	6.81	77	113200	21.994	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	72973	23.668	ug/l	97
28) Bromochloromethane	7.18	49	64727	21.141	ug/l	100
29) Tetrahydrofuran	7.19	42	146747	115.824	ug/l	96
30) Chloroform	7.36	83	139078	22.425	ug/l	98
31) Cyclohexane	7.64	56	117971	22.958	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	116327	22.606	ug/l	100
36) 1,1-Dichloropropene	7.78	75	96561	23.047	ug/l	96
37) Ethyl Acetate	6.91	43	88798	20.781	ug/l #	96
38) Carbon Tetrachloride	7.76	117	90446	21.162	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	102978	22.137	ug/l	99
40) Benzene	8.03	78	273504	22.442	ug/l	99
41) Methacrylonitrile	7.19	41	147850	82.934	ug/l #	44
42) 1,2-Dichloroethane	8.11	62	124629	22.225	ug/l	100
43) Isopropyl Acetate	8.15	43	182797	23.286	ug/l #	90
44) Trichloroethene	8.82	130	60600	20.773	ug/l	93
45) 1,2-Dichloropropane	9.11	63	77294	22.706	ug/l	100
46) Dibromomethane	9.20	93	50569	22.807	ug/l	97
47) Bromodichloromethane	9.40	83	102713	22.391	ug/l	99
48) Methyl methacrylate	9.19	41	93058	24.554	ug/l	99
49) 1,4-Dioxane	9.19	88	22191	413.537	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	527341	121.726	ug/l	99
52) Toluene	10.15	92	163514	21.661	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	102906	21.940	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	112068	21.901	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	65707	21.849	ug/l	95
56) Ethyl methacrylate	10.43	69	106144	22.963	ug/l	99
57) 1,3-Dichloropropane	10.71	76	119484	22.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	261677	159.300	ug/l	99
59) 2-Hexanone	10.75	43	369282	121.598	ug/l	99
60) Dibromochloromethane	10.90	129	61636	20.884	ug/l	96
61) 1,2-Dibromoethane	11.00	107	62749	21.309	ug/l	98
64) Tetrachloroethene	10.63	164	50797	18.997	ug/l	94
65) Chlorobenzene	11.43	112	165885	21.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	59405	20.860	ug/l	99
67) Ethyl Benzene	11.51	91	331676	22.173	ug/l	98
68) m/p-Xylenes	11.62	106	231942	45.011	ug/l	100
69) o-Xylene	11.95	106	113638	22.130	ug/l	99
70) Styrene	11.96	104	192358	23.514	ug/l	99
71) Bromoform	12.13	173	35174	19.756	ug/l #	99
73) Isopropylbenzene	12.25	105	322659	16.198	ug/l	100
74) N-amyl acetate	12.07	43	159686	19.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	99223	18.376	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	124395	27.273	ug/l #	100
77) Bromobenzene	12.53	156	69538	16.360	ug/l	98
78) n-propylbenzene	12.59	91	382792	17.616	ug/l	99
79) 2-Chlorotoluene	12.68	91	228962	17.079	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	274212	16.913	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23866	17.825	ug/l	92
82) 4-Chlorotoluene	12.78	91	233280	18.369	ug/l	100
83) tert-Butylbenzene	13.00	119	229383	16.074	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	274131	18.464	ug/l	99
85) sec-Butylbenzene	13.17	105	315791	17.578	ug/l	100
86) p-Isopropyltoluene	13.29	119	268234	18.104	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	127372	21.771	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	125474	21.061	ug/l	100
89) n-Butylbenzene	13.62	91	258969	20.011	ug/l	99
90) Hexachloroethane	13.88	117	39515	14.988	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	124822	22.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18700	23.493	ug/l	98

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Response via : Initial Calibration

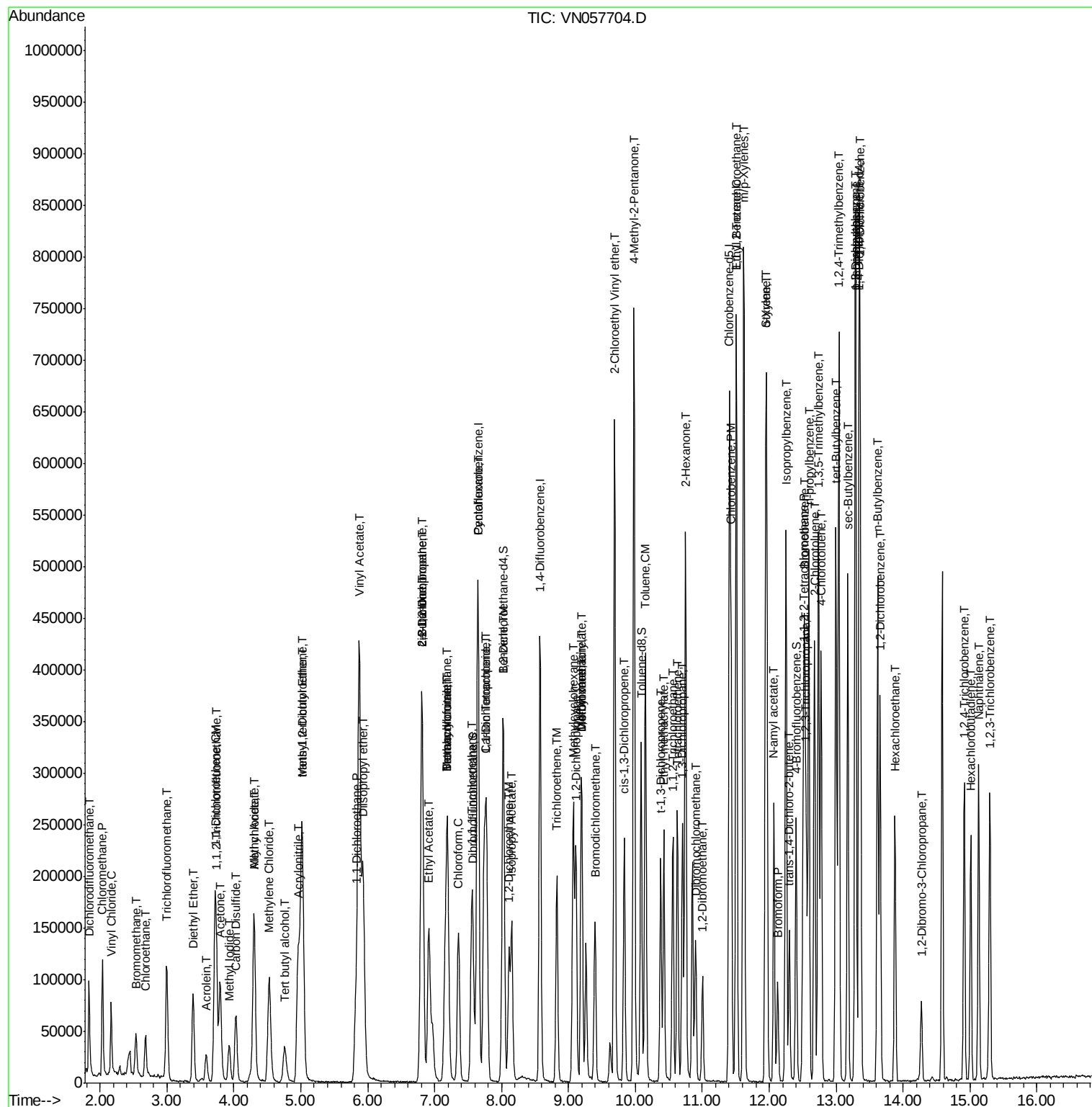
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73574	36.142	ug/l	97
94) Hexachlorobutadiene	15.01	225	34997	15.544	ug/l	97
95) Naphthalene	15.13	128	209971	39.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	71360	37.536	ug/l	100

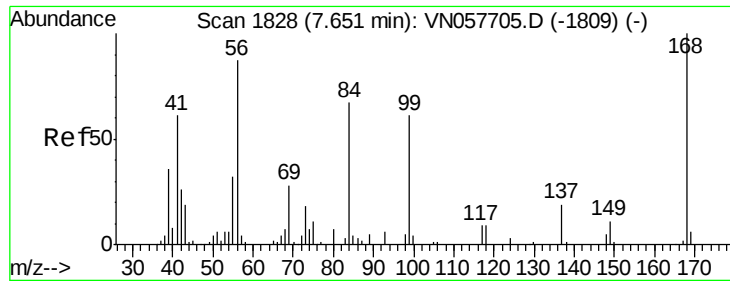
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

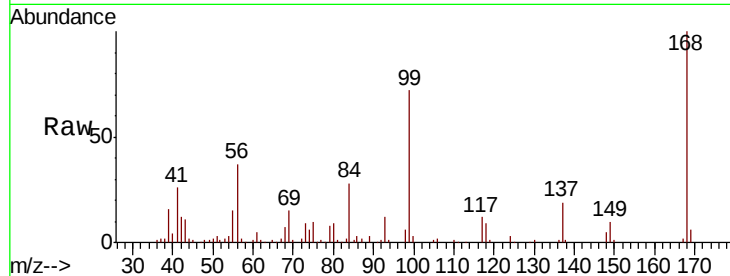
VSTDIC020

Tgt Ion:168 Resp: 202372

Ion Ratio Lower Upper

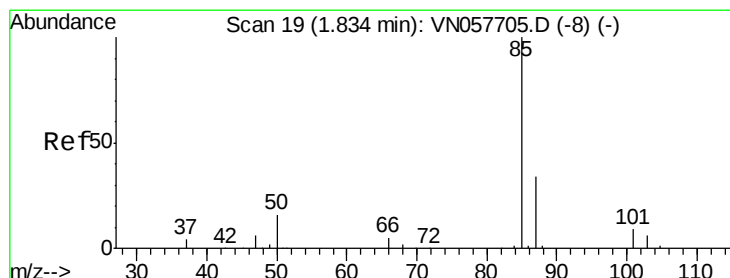
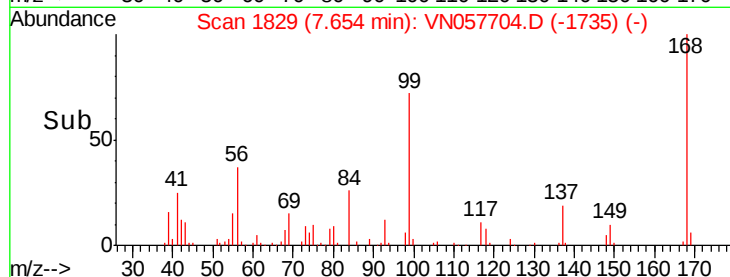
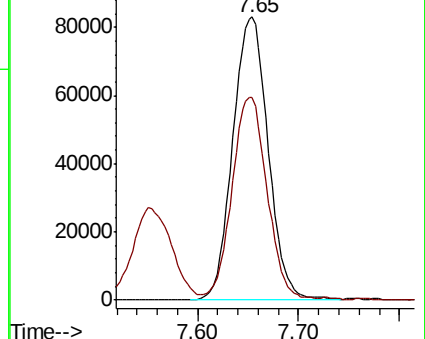
168 100

99 71.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 22.285 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057704.D

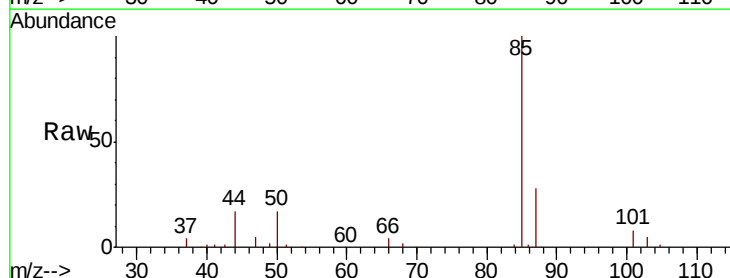
Acq: 5 Sep 2019 18:32

Tgt Ion: 85 Resp: 70971

Ion Ratio Lower Upper

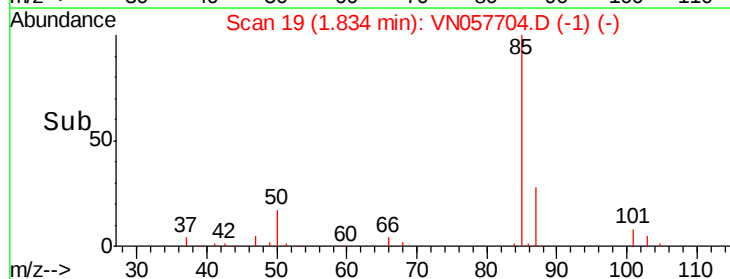
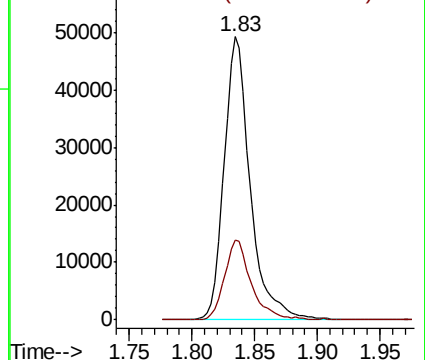
85 100

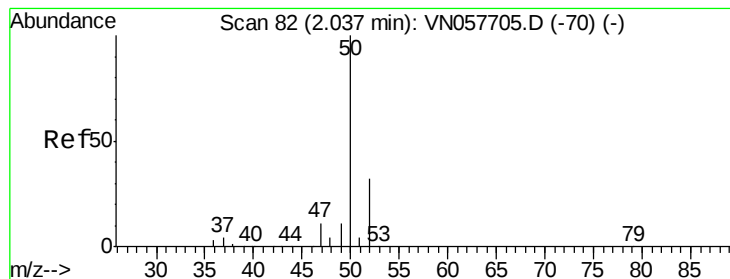
87 28.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 28.053 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

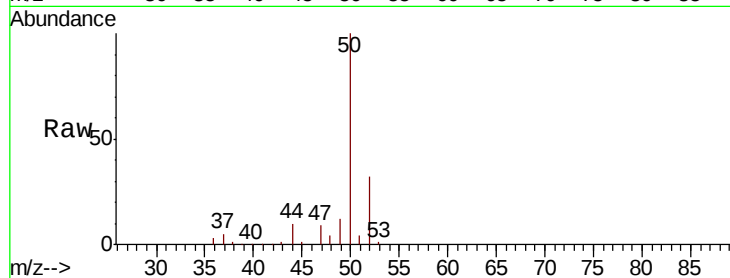
VSTDIC020

Tgt Ion: 50 Resp: 92305

Ion Ratio Lower Upper

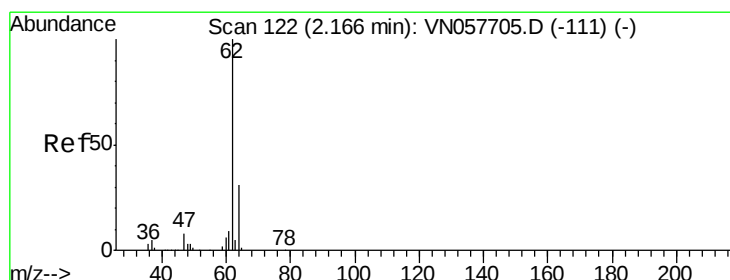
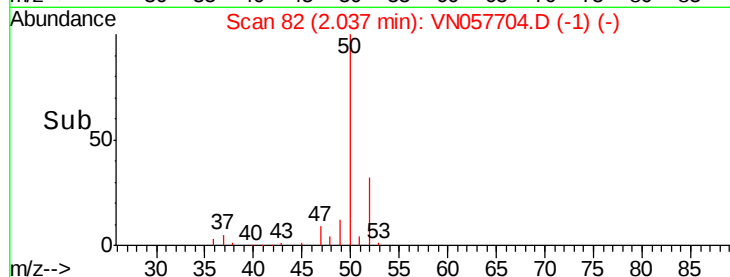
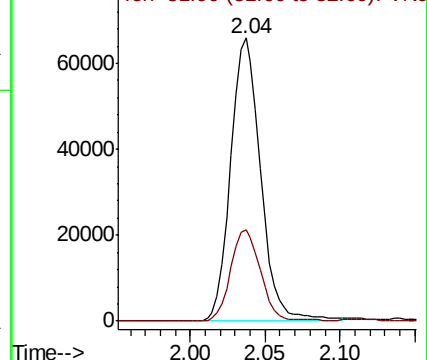
50 100

52 32.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 21.733 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN057704.D

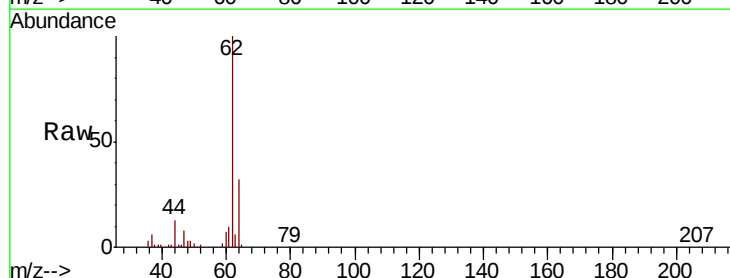
Acq: 5 Sep 2019 18:32

Tgt Ion: 62 Resp: 58668

Ion Ratio Lower Upper

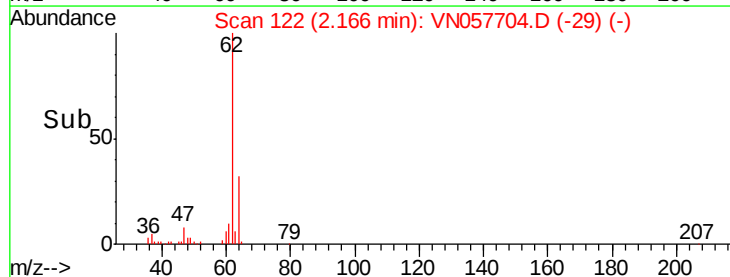
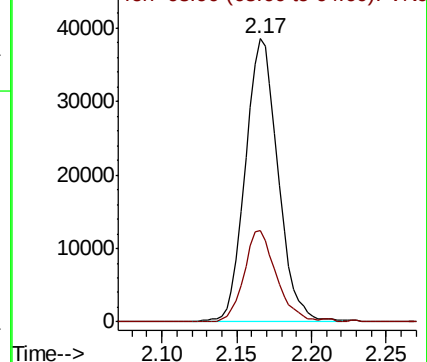
62 100

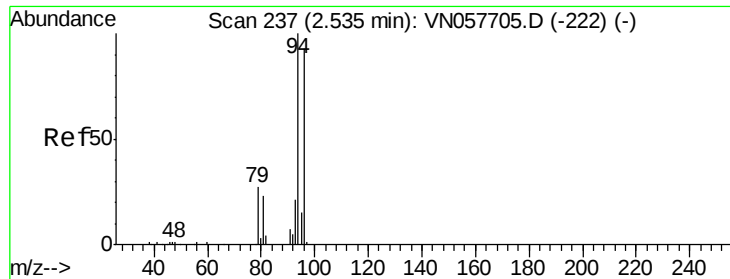
64 32.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.752 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampled :

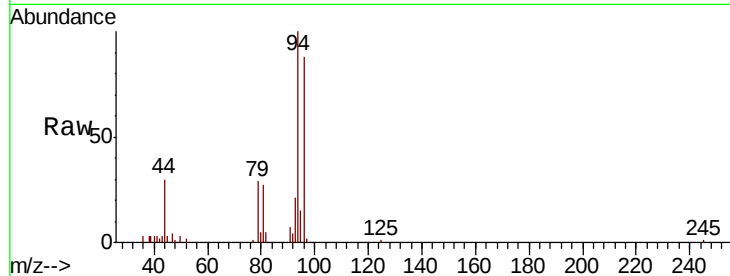
VSTDIC020

Tgt Ion: 94 Resp: 25409

Ion Ratio Lower Upper

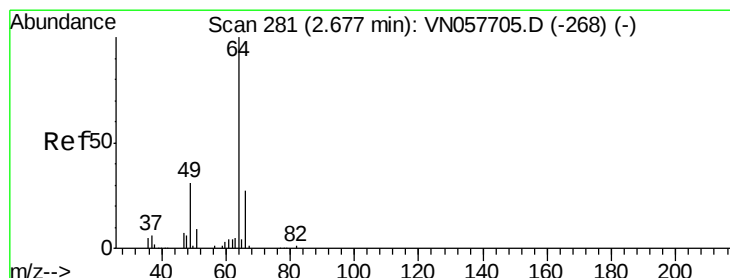
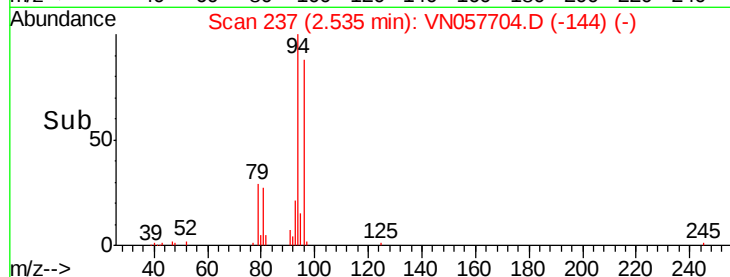
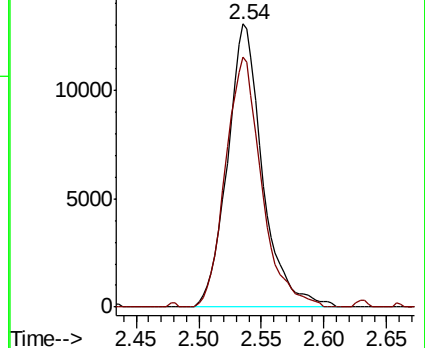
94 100

96 88.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN057704.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VN057704.D (-144) (-)



#6

Chloroethane

Concen: 19.365 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN057704.D

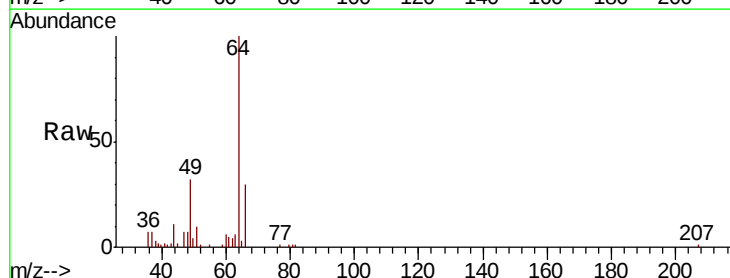
Acq: 5 Sep 2019 18:32

Tgt Ion: 64 Resp: 35103

Ion Ratio Lower Upper

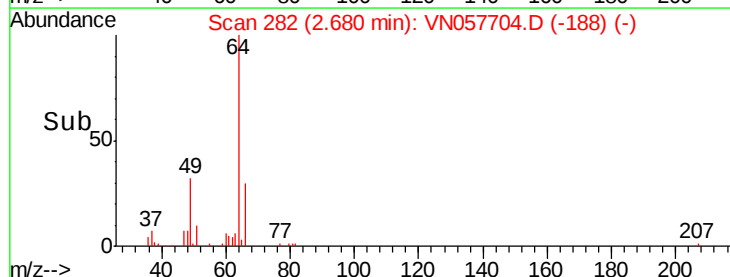
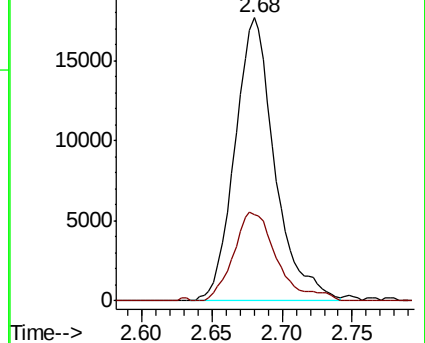
64 100

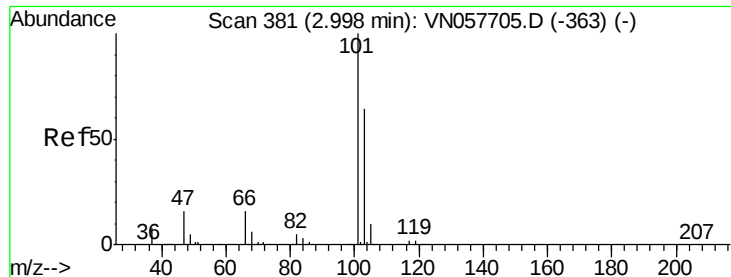
66 30.4 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VN057704.D (-188) (-)

Ion 65.90 (65.60 to 66.60): VN057704.D (-188) (-)



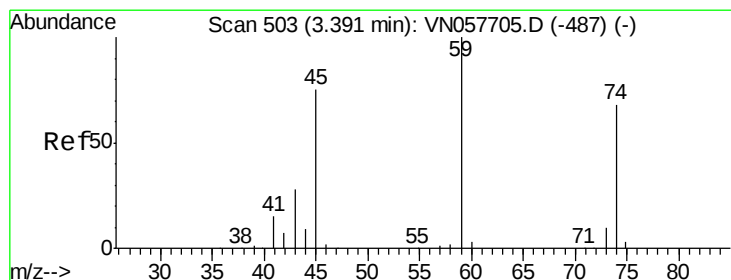
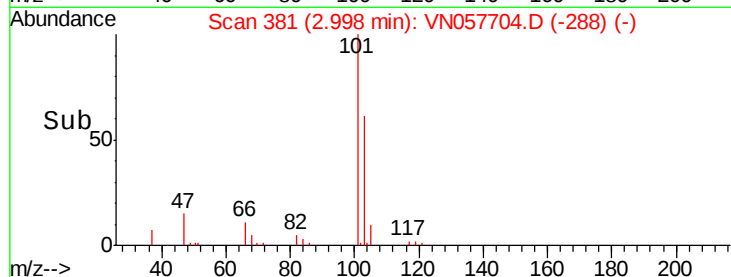
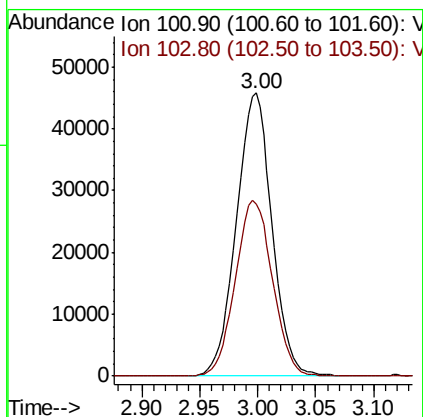
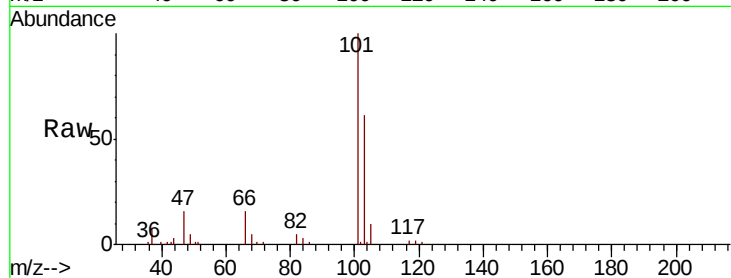


#7

Trichlorofluoromethane
 Concen: 19.823 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Instrument :
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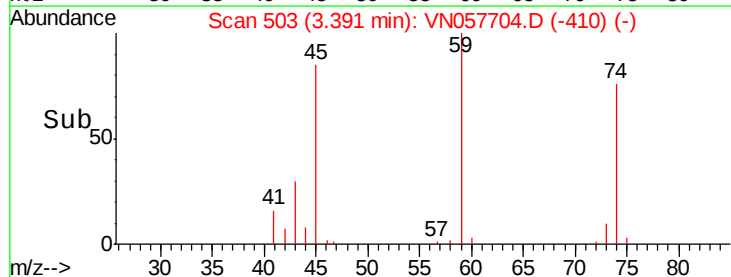
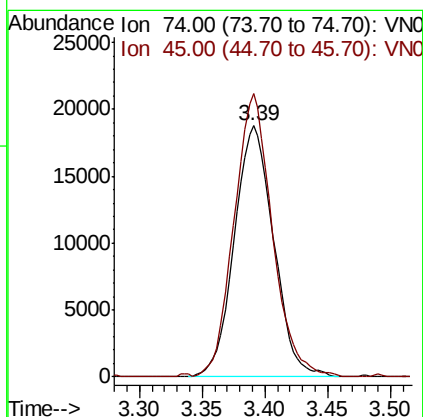
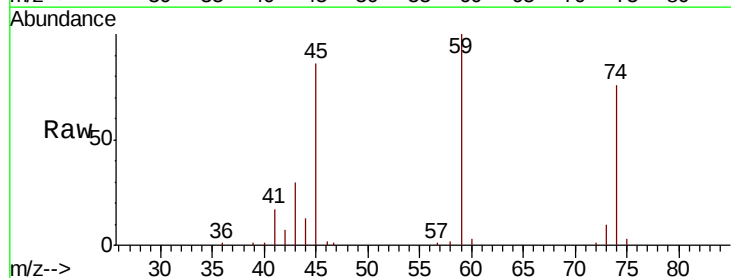
Tgt Ion:101 Resp: 97634
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.0

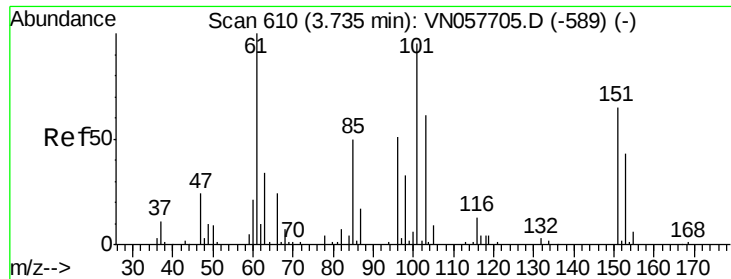


#8

Diethyl Ether
 Concen: 23.745 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 74 Resp: 40898
 Ion Ratio Lower Upper
 74 100
 45 110.1 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.067 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

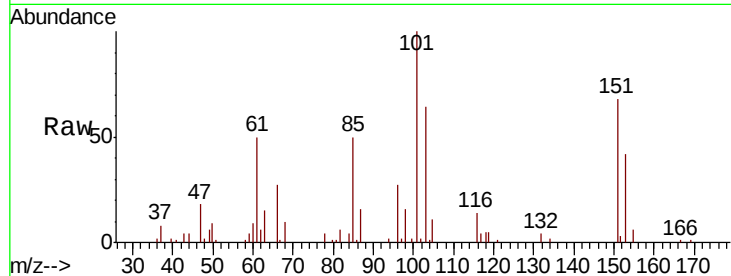
Tgt Ion:101 Resp: 60378

Ion Ratio Lower Upper

101 100

85 51.8 42.8 64.2

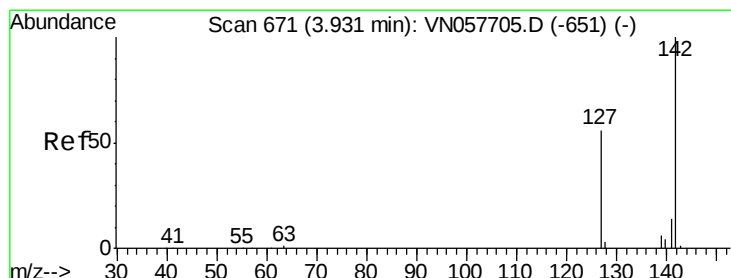
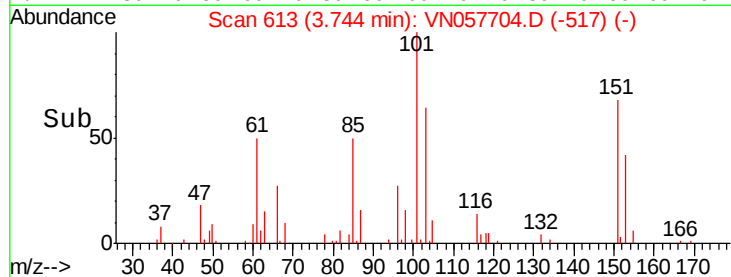
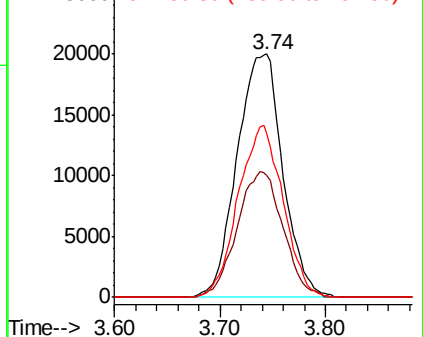
151 69.1 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.132 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

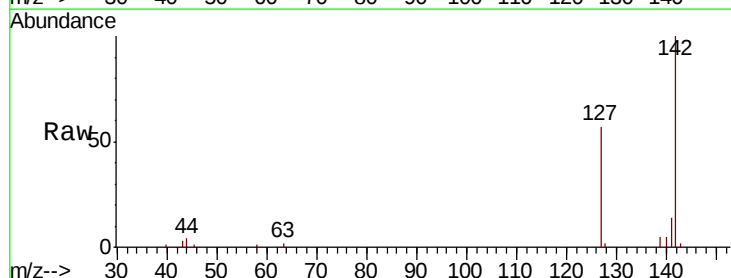
Tgt Ion:142 Resp: 50955

Ion Ratio Lower Upper

142 100

127 54.7 42.1 63.1

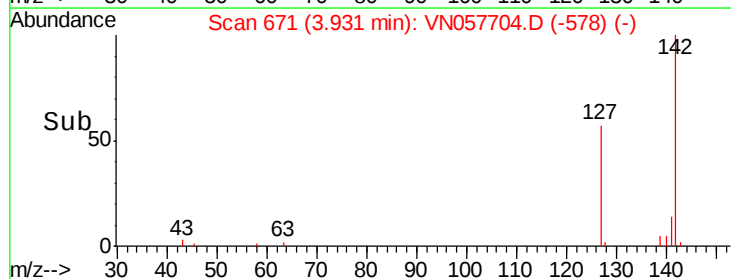
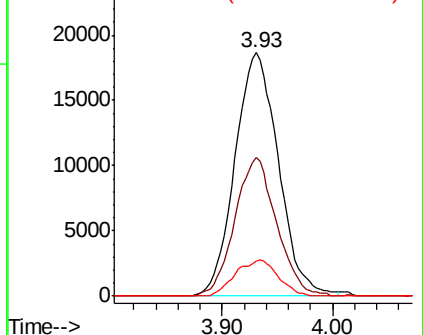
141 14.5 11.0 16.4

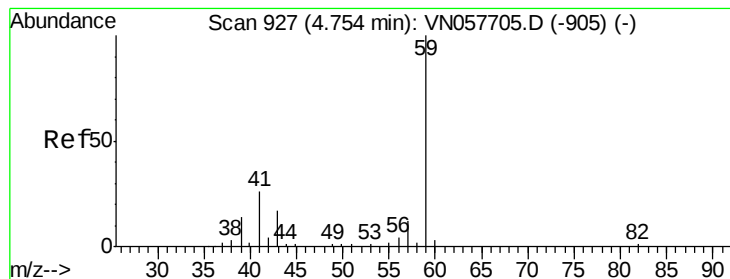


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



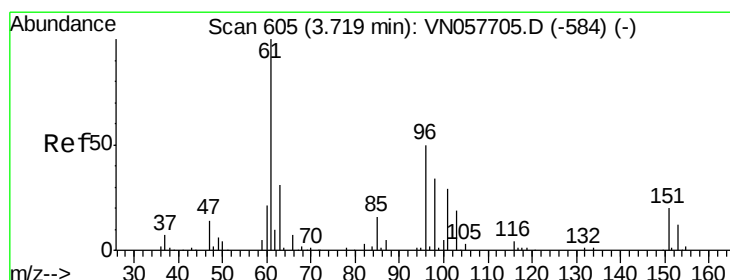
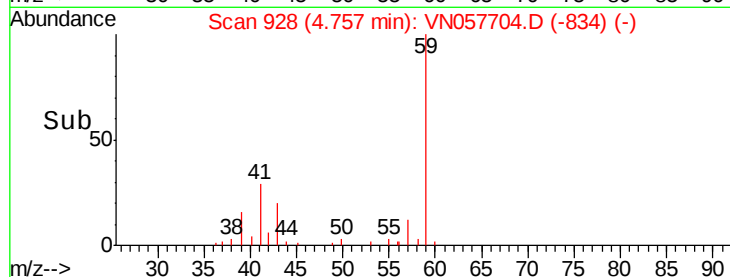
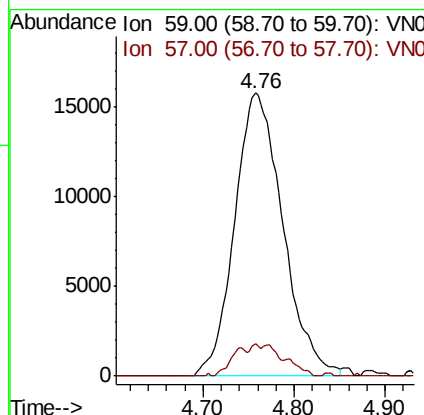
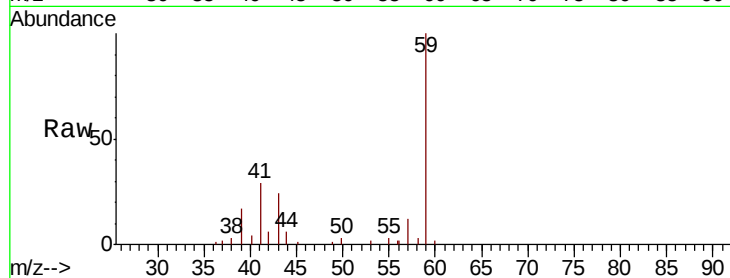


#11

Tert butyl alcohol
 Concen: 113.693 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

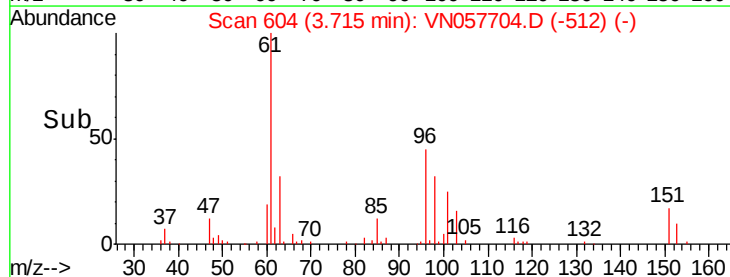
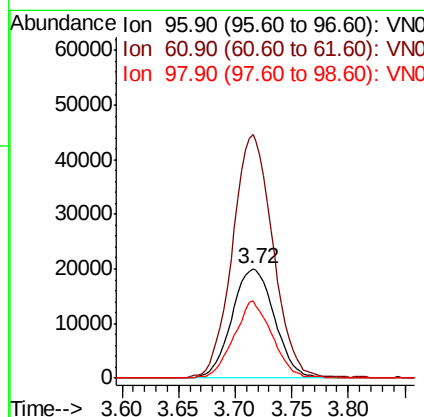
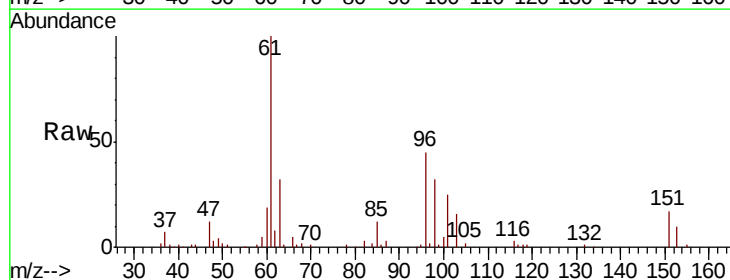
Tgt Ion: 59 Resp: 58092
 Ion Ratio Lower Upper
 59 100
 57 3.4 8.9 13.3#

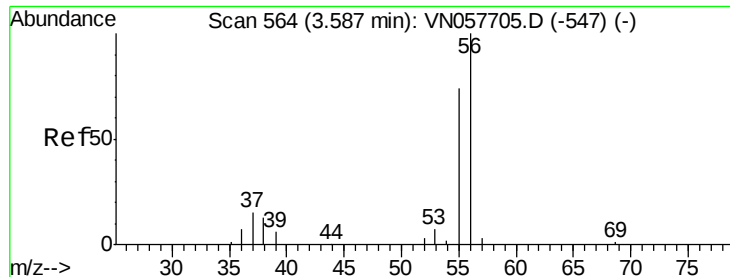


#12

1,1-Dichloroethene
 Concen: 22.076 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 96 Resp: 52352
 Ion Ratio Lower Upper
 96 100
 61 220.7 158.7 238.1
 98 70.6 53.8 80.8





#13

Acrolein

Concen: 98.703 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

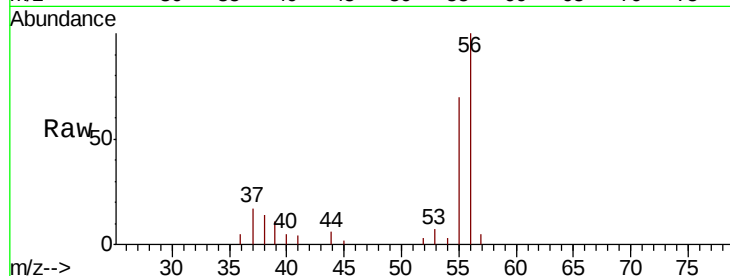
VSTDIC020

Tgt Ion: 56 Resp: 26326

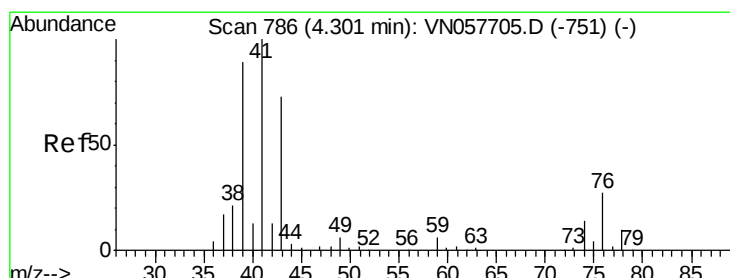
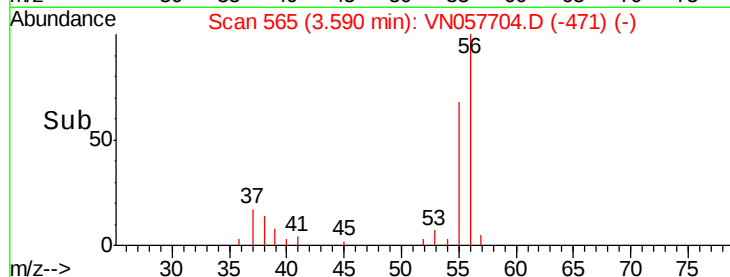
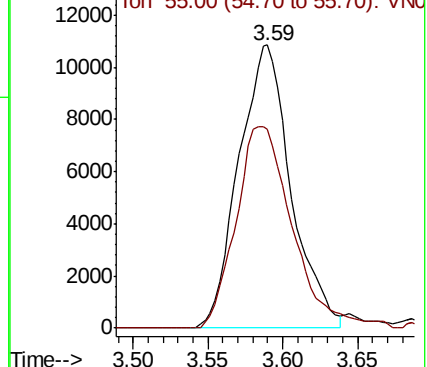
Ion Ratio Lower Upper

56 100

55 77.2 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN057704.D (-471) (-)



#14

Allyl chloride

Concen: 22.263 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

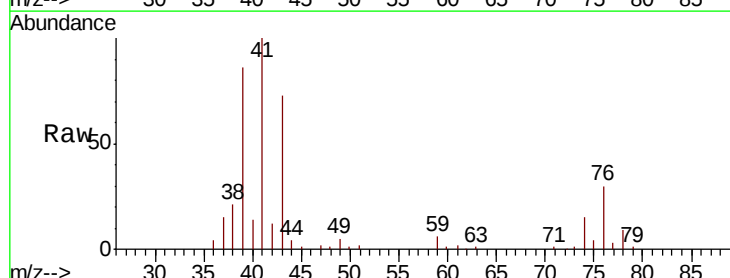
Tgt Ion: 41 Resp: 120255

Ion Ratio Lower Upper

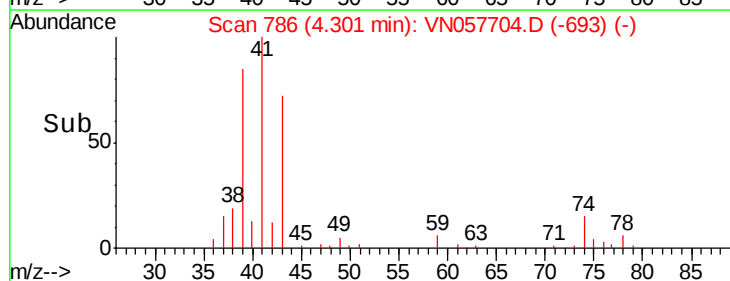
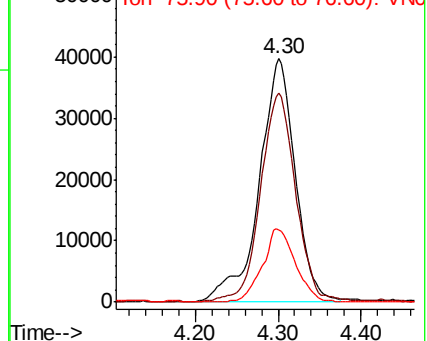
41 100

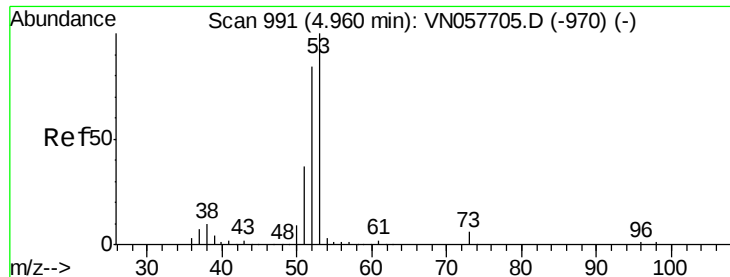
39 83.9 67.5 101.3

76 27.7 21.4 32.2



Abundance Ion 41.00 (40.70 to 41.70): VN057704.D (-693) (-)





#15

Acrylonitrile

Concen: 119.672 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

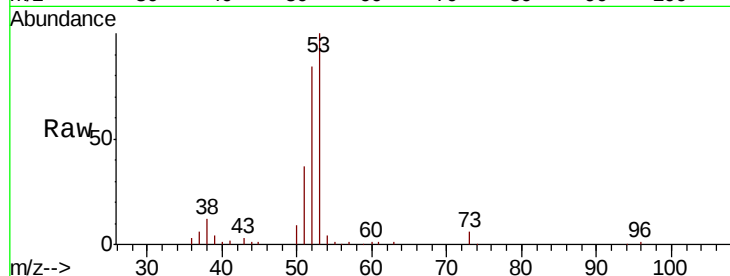
Tgt Ion: 53 Resp: 156947

Ion Ratio Lower Upper

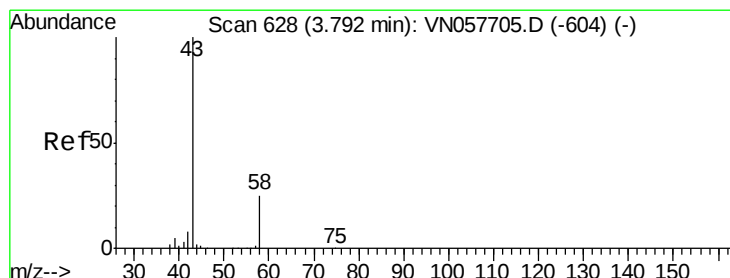
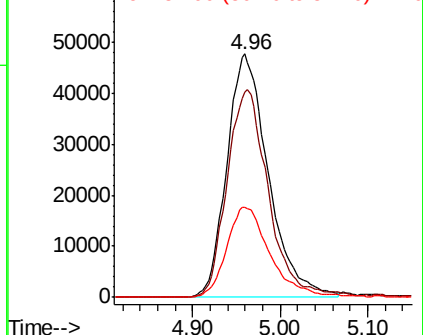
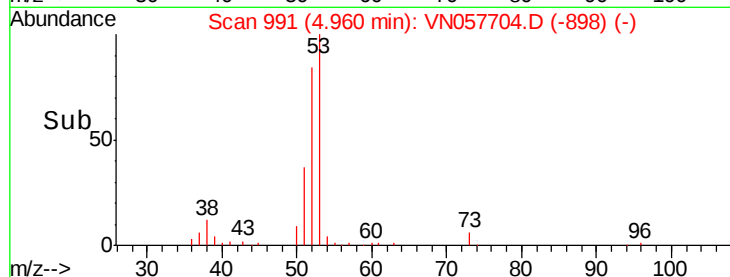
53 100

52 85.0 68.1 102.1

51 38.7 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN057704.D (-898) (-)



#16

Acetone

Concen: 100.843 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057704.D

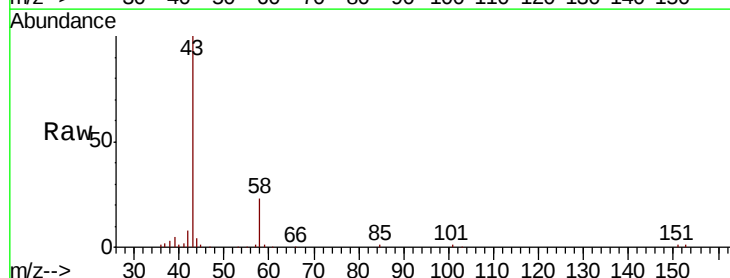
Acq: 5 Sep 2019 18:32

Tgt Ion: 43 Resp: 158593

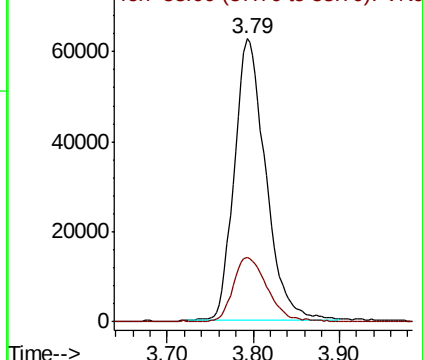
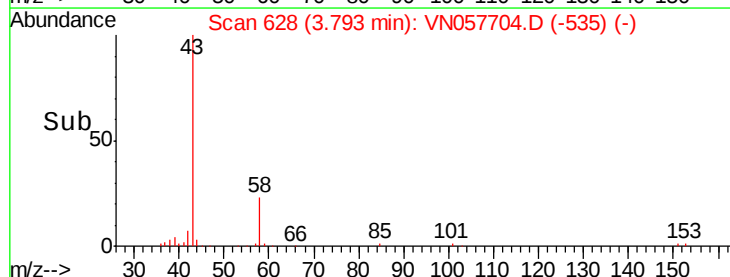
Ion Ratio Lower Upper

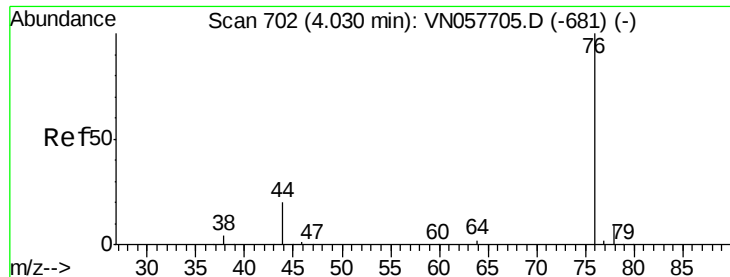
43 100

58 22.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN057704.D (-535) (-)





#17

Carbon Disulfide

Concen: 21.922 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

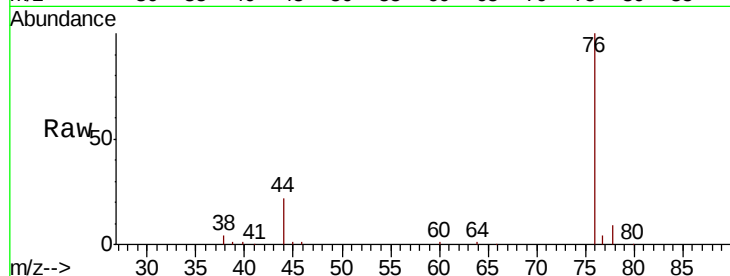
VSTDIC020

Tgt Ion: 76 Resp: 121663

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.03

50000

40000

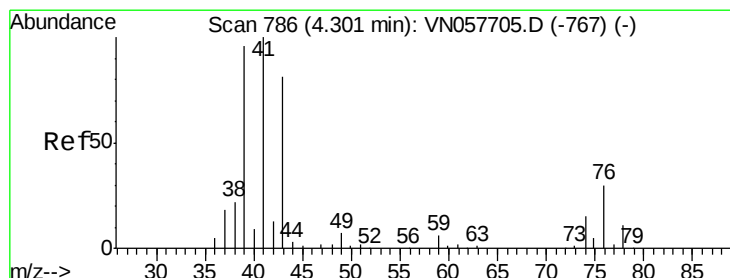
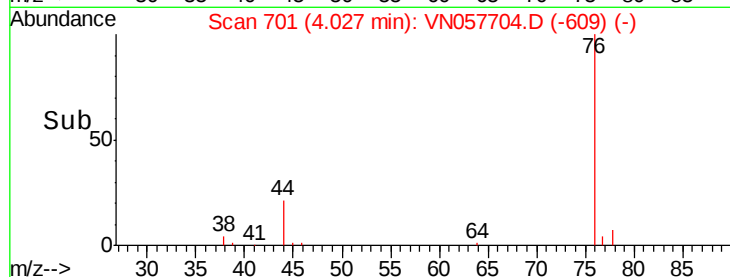
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 20.019 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057704.D

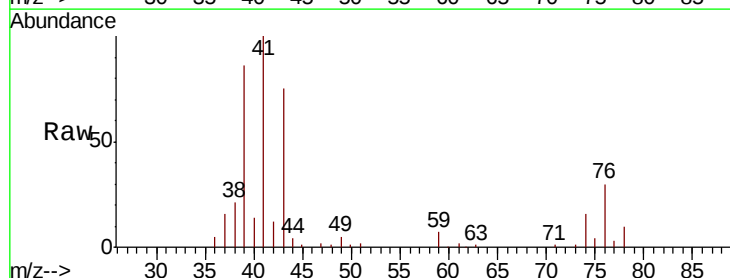
Acq: 5 Sep 2019 18:32

Tgt Ion: 43 Resp: 82197

Ion Ratio Lower Upper

43 100

74 19.8 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

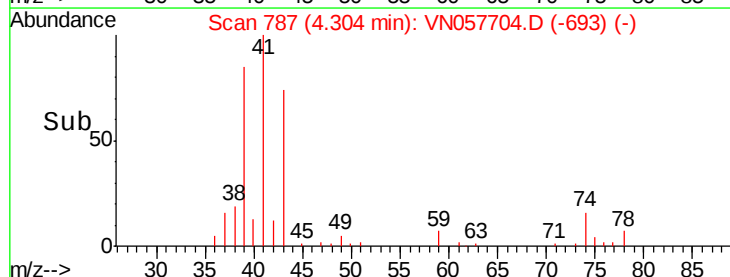
30000

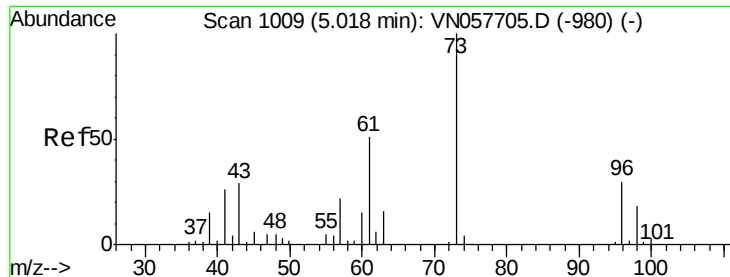
20000

10000

0

Time-->

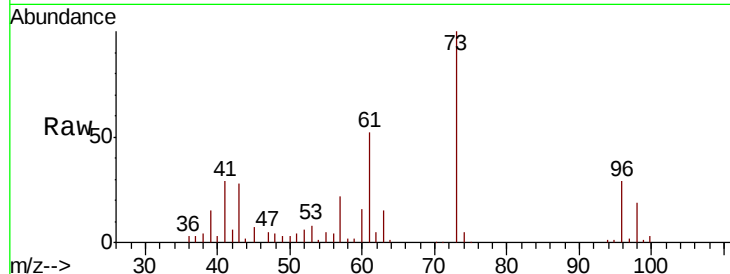




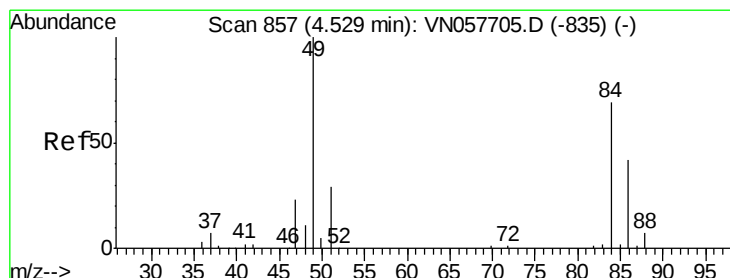
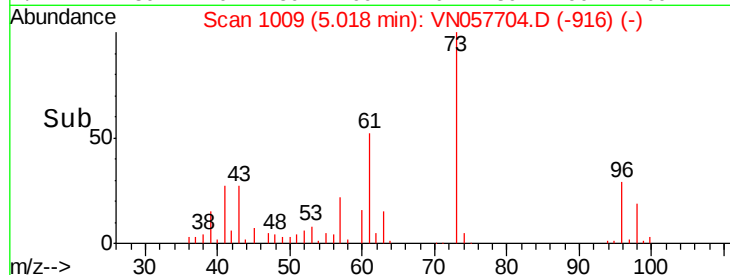
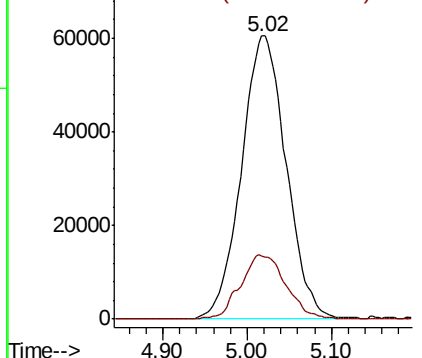
#19
Methyl tert-butyl Ether
Concen: 22.482 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 222663
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



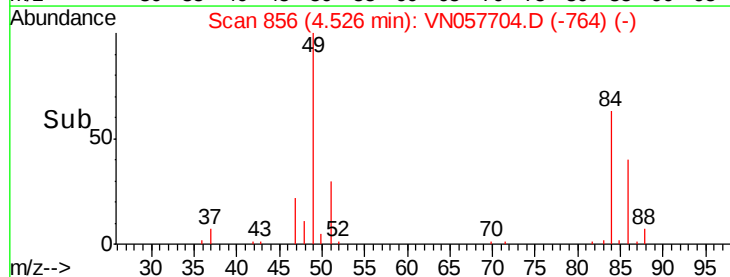
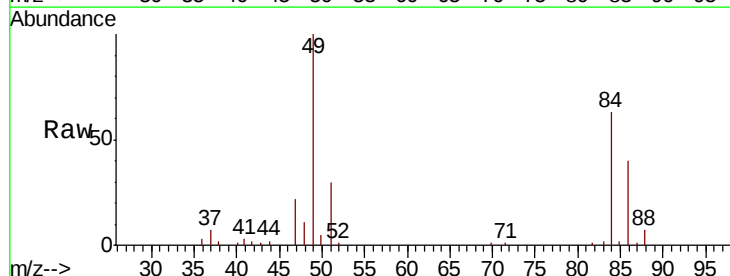
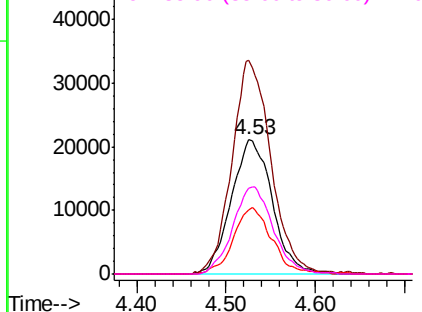
Abundance Ion 73.00 (72.70 to 73.70): VN057705.D (-980) (-)
Ion 57.00 (56.70 to 57.70): VN057705.D (-980) (-)

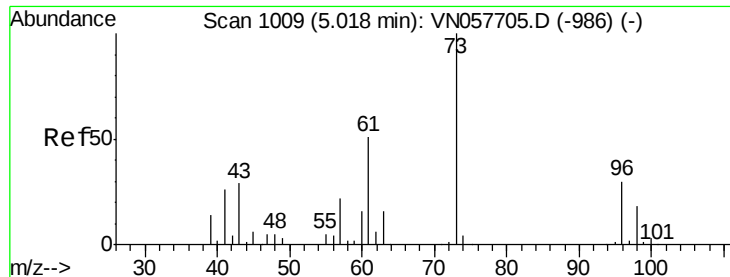


#20
Methylene Chloride
Concen: 22.115 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 84 Resp: 67213
Ion Ratio Lower Upper
84 100
49 159.3 115.0 172.6
51 47.6 33.8 50.8
86 64.0 48.2 72.2

Abundance Ion 83.90 (83.60 to 84.60): VN057704.D (-764) (-)
Ion 48.90 (48.60 to 49.60): VN057704.D (-764) (-)
Ion 50.90 (50.60 to 51.60): VN057704.D (-764) (-)
Ion 85.90 (85.60 to 86.60): VN057704.D (-764) (-)





#21

trans-1,2-Dichloroethene

Concen: 22.048 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

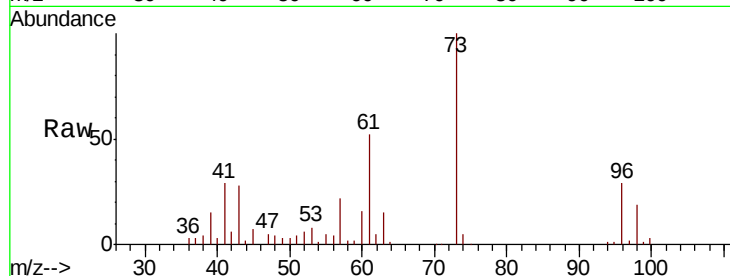
Tgt Ion: 96 Resp: 56505

Ion Ratio Lower Upper

96 100

61 175.9 135.8 203.8

98 62.9 49.0 73.6

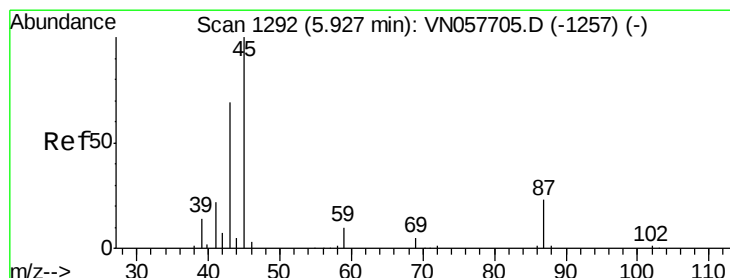
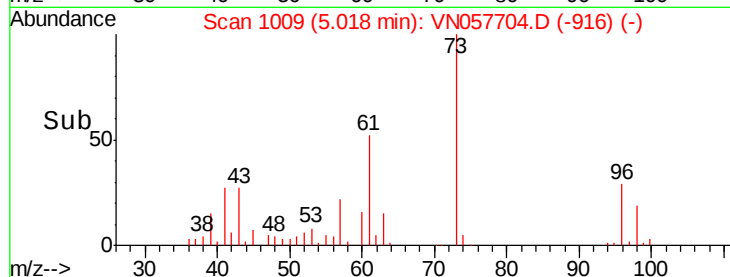
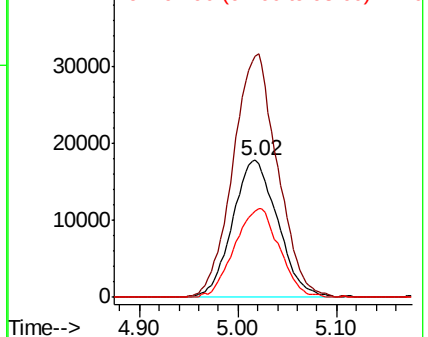


Abundance

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



#22

Diisopropyl ether

Concen: 22.563 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Tgt Ion: 45 Resp: 260482

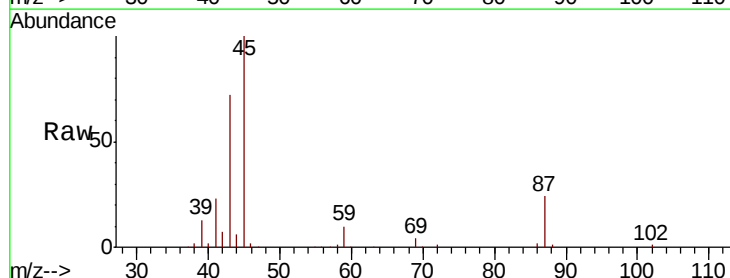
Ion Ratio Lower Upper

45 100

43 68.3 55.5 83.3

87 23.8 18.6 28.0

59 9.5 7.9 11.9



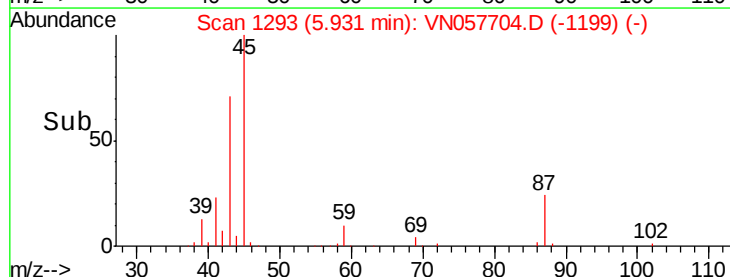
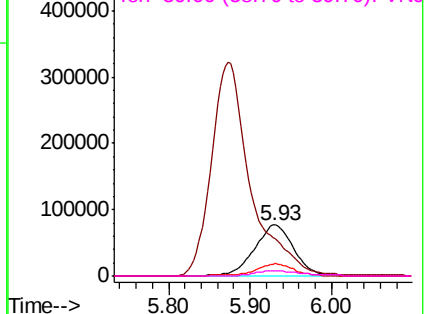
Abundance

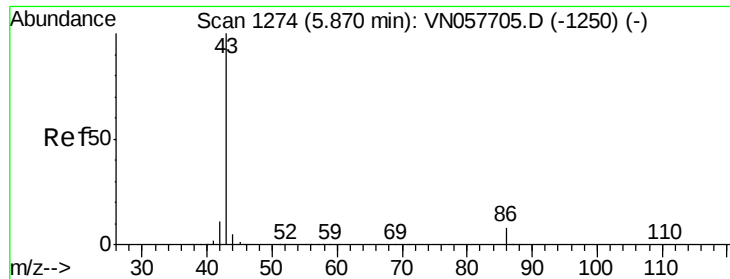
Ion 45.00 (44.70 to 45.70): VN0

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

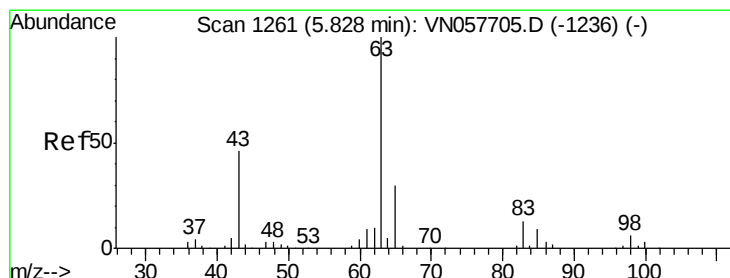
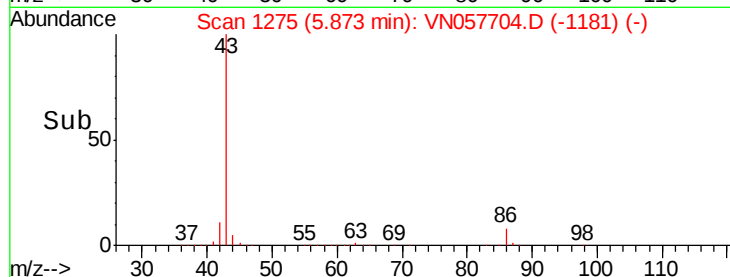
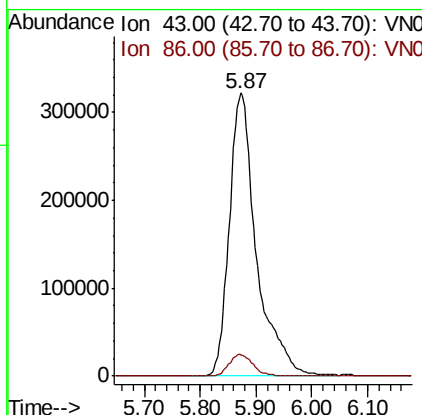
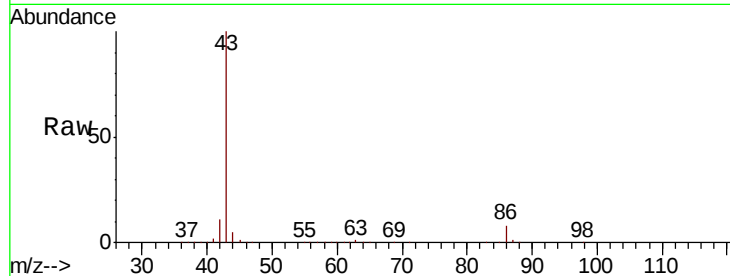




#23
 Vinyl Acetate
 Concen: 125.634 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

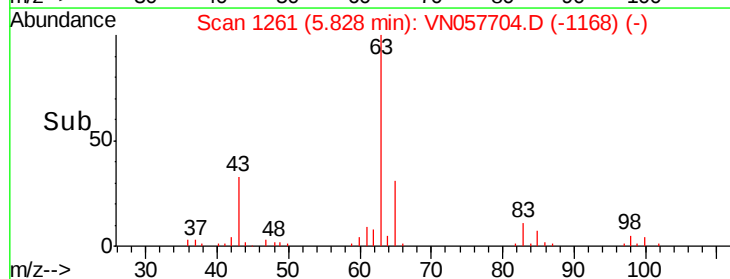
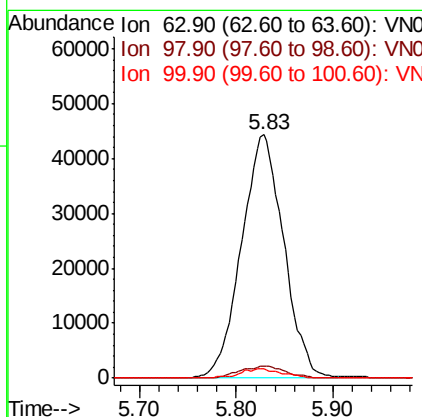
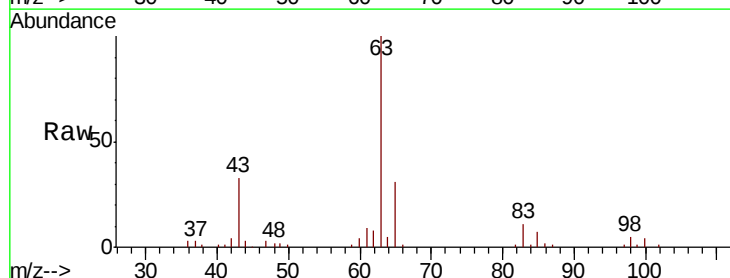
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

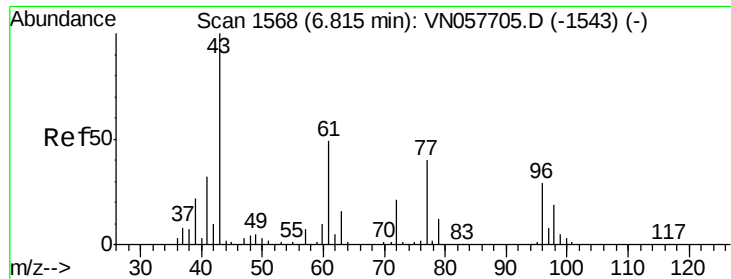
Tgt Ion: 43 Resp: 1091557
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 23.022 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 63 Resp: 134426
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.9 8.8
 100 3.7 1.7 5.0





#25

2-Butanone

Concen: 113.012 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

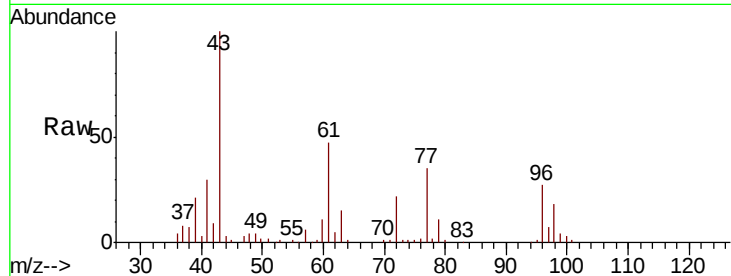
VSTDIC020

Tgt Ion: 43 Resp: 234888

Ion Ratio Lower Upper

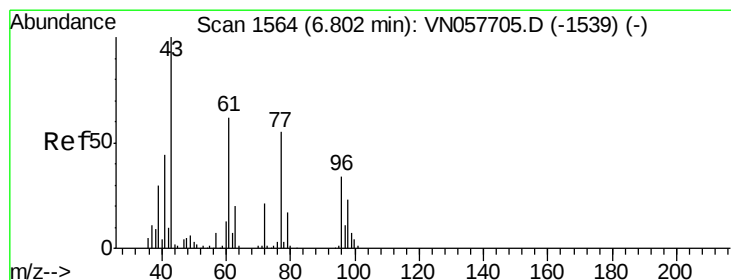
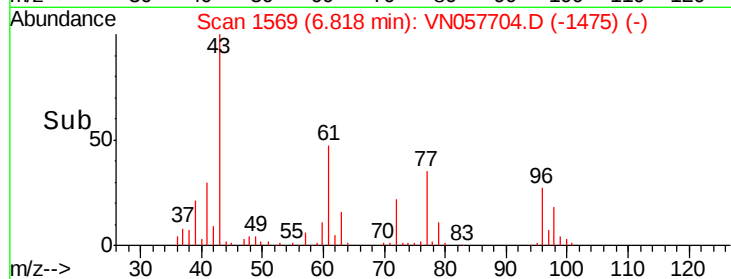
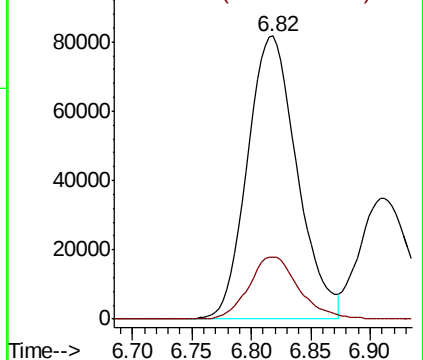
43 100

72 22.1 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 21.994 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057704.D

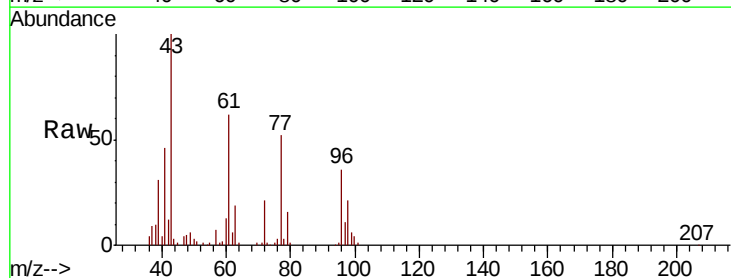
Acq: 5 Sep 2019 18:32

Tgt Ion: 77 Resp: 113200

Ion Ratio Lower Upper

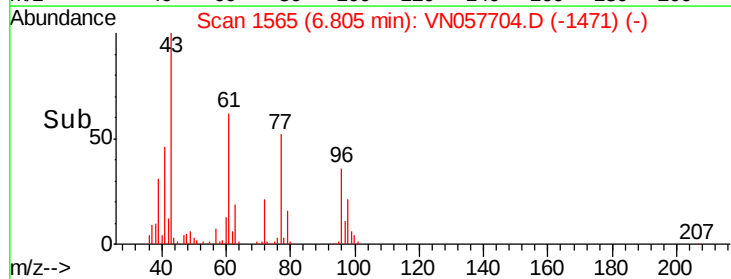
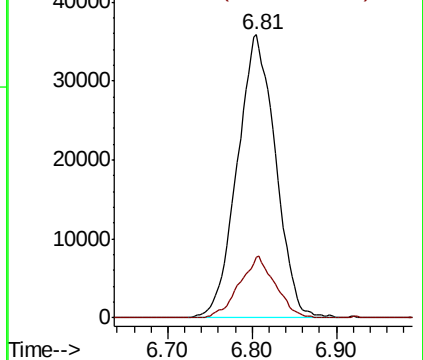
77 100

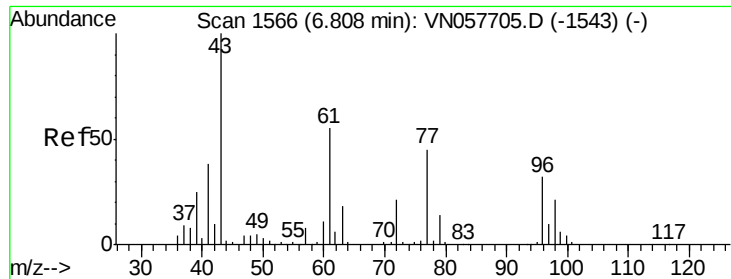
97 20.3 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

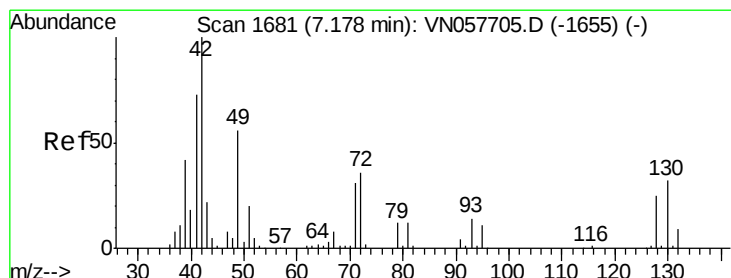
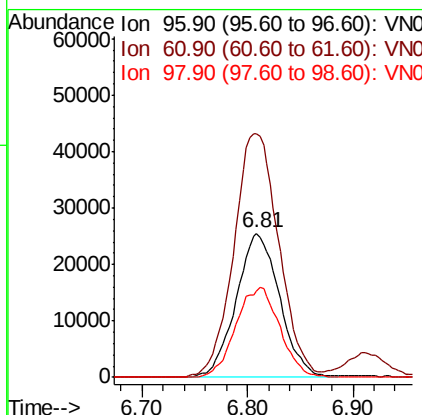
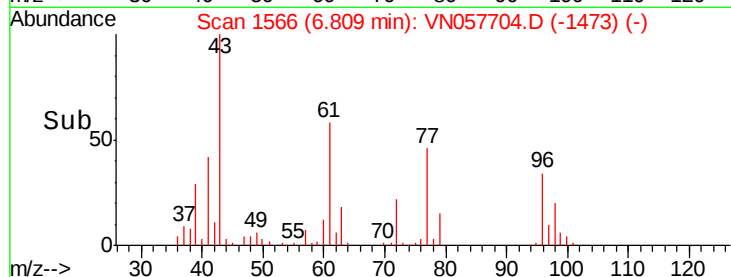
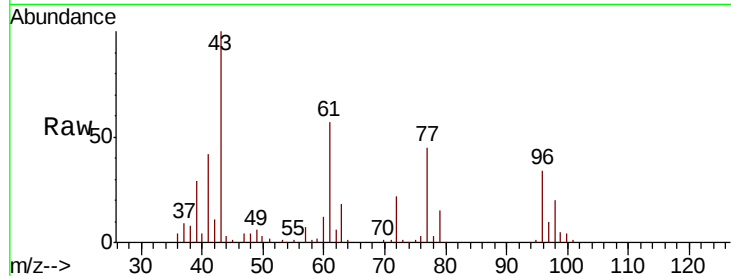




#27
 cis-1,2-Dichloroethene
 Concen: 23.668 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

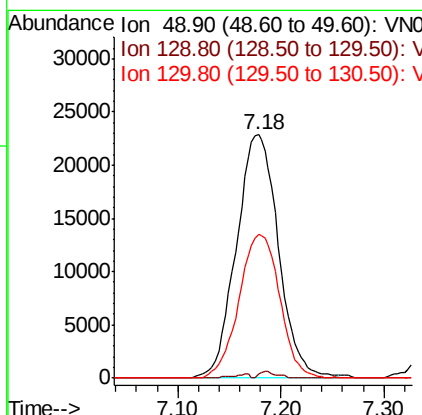
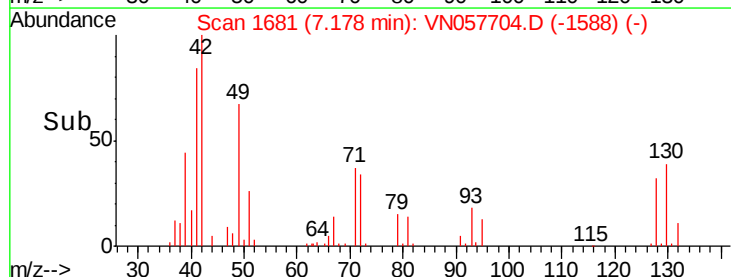
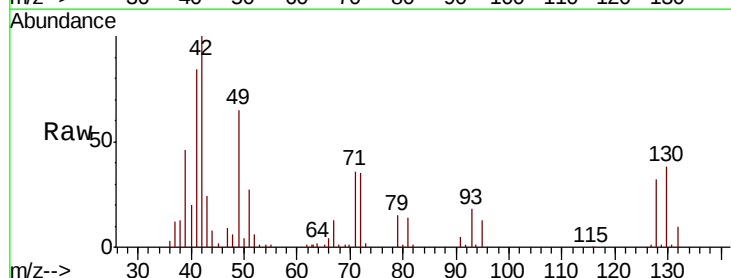
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

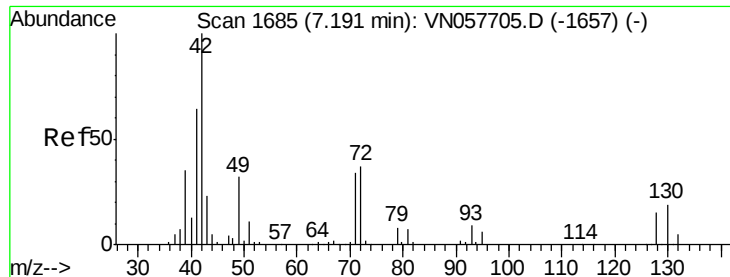
Tgt Ion: 96 Resp: 72973
 Ion Ratio Lower Upper
 96 100
 61 175.9 0.0 360.6
 98 63.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 21.141 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 49 Resp: 64727
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.4
 130 57.2 45.8 68.8





#29

Tetrahydrofuran

Concen: 115.824 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

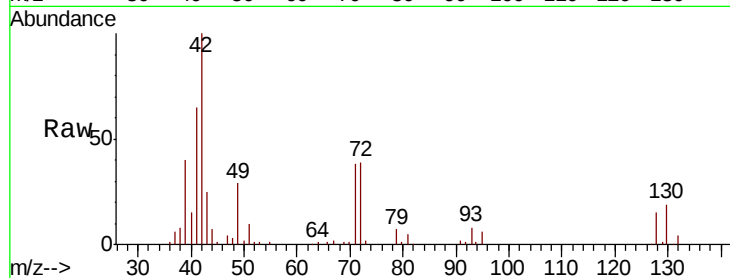
Tgt Ion: 42 Resp: 146747

Ion Ratio Lower Upper

42 100

72 37.8 29.2 43.8

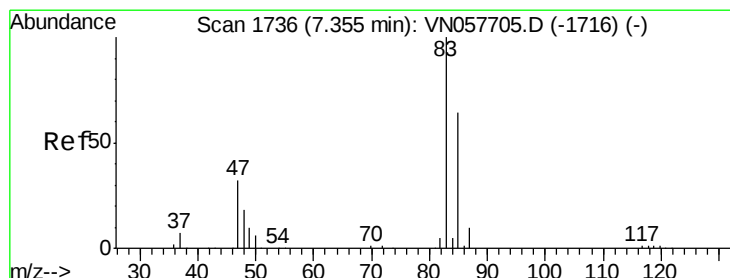
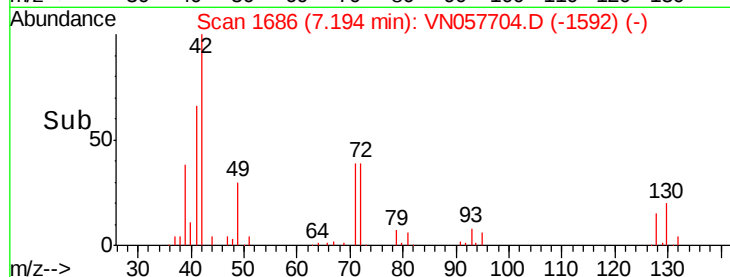
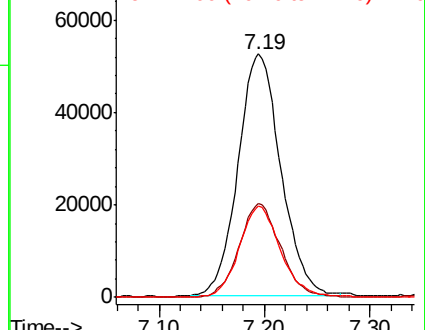
71 36.7 27.0 40.4



Abundance Ion 42.00 (41.70 to 42.70): VN057705.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN057705.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN057705.D (-1657) (-)



#30

Chloroform

Concen: 22.425 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057704.D

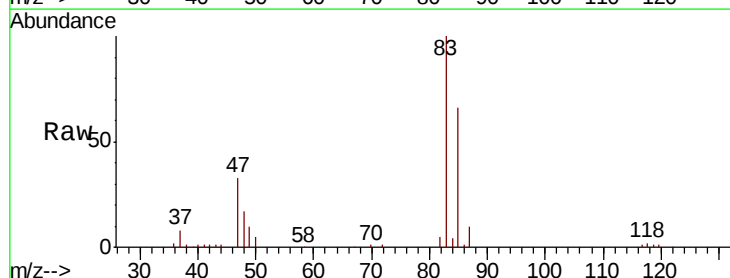
Acq: 5 Sep 2019 18:32

Tgt Ion: 83 Resp: 139078

Ion Ratio Lower Upper

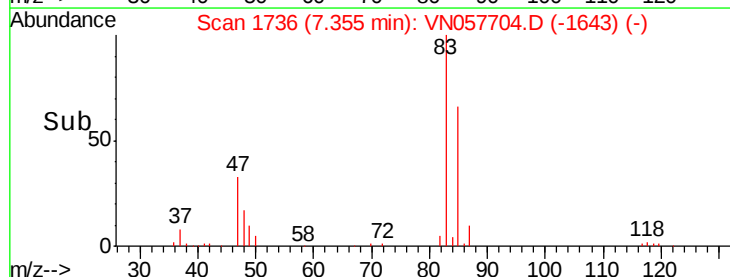
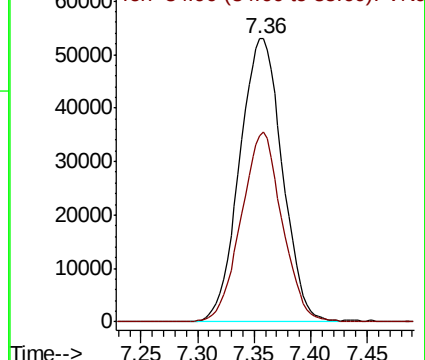
83 100

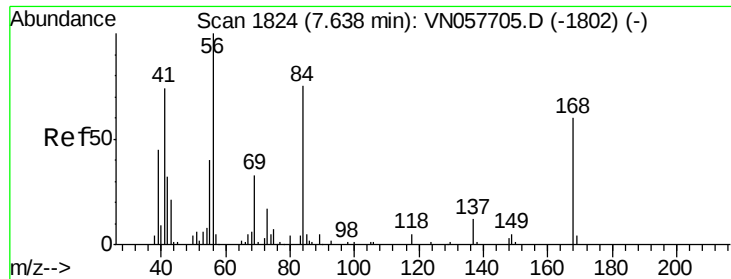
85 65.9 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN057705.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN057705.D (-1716) (-)

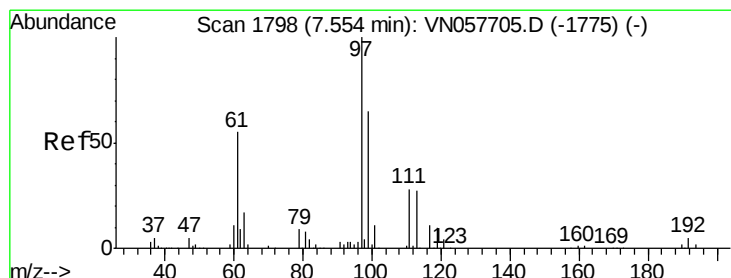
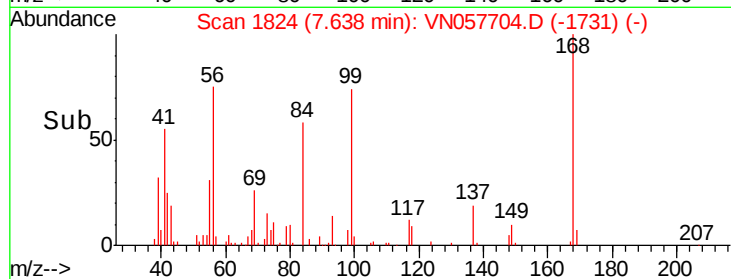
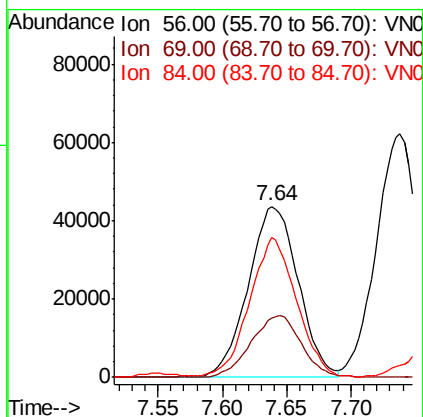
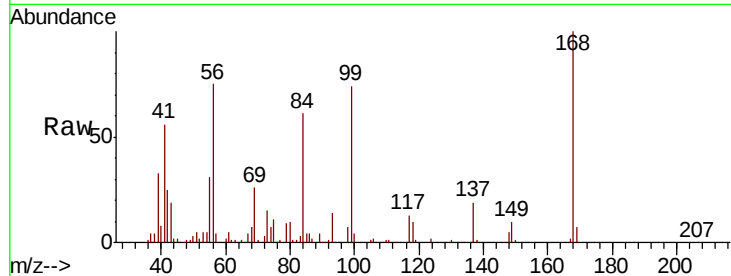




#31
Cyclohexane
Concen: 22.958 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

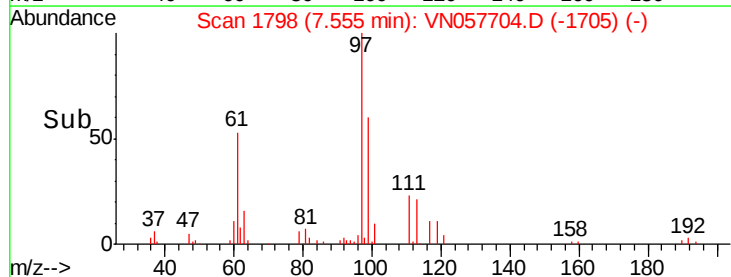
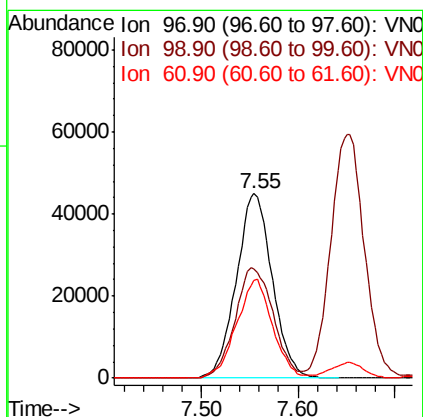
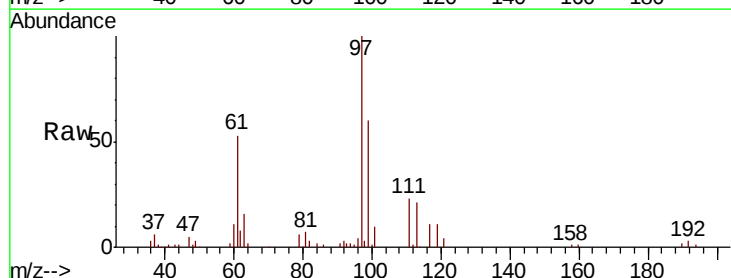
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

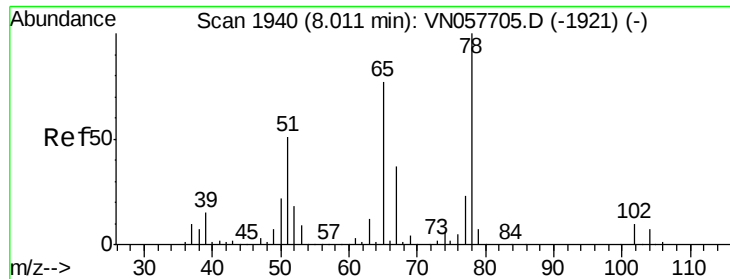
Tgt Ion: 56 Resp: 117971
Ion Ratio Lower Upper
56 100
69 34.4 26.2 39.2
84 80.5 59.8 89.8



#32
1,1,1-Trichloroethane
Concen: 22.606 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 97 Resp: 116327
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 53.4 42.8 64.2

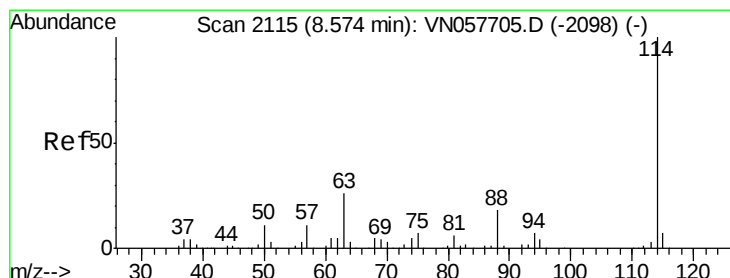
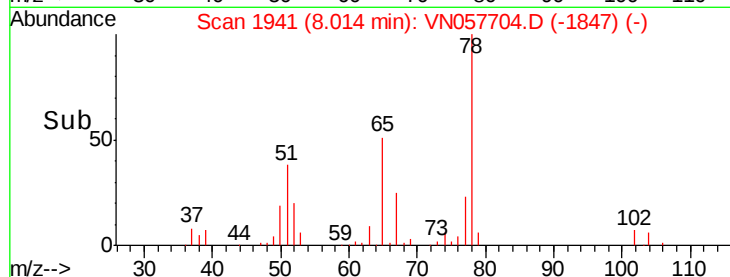
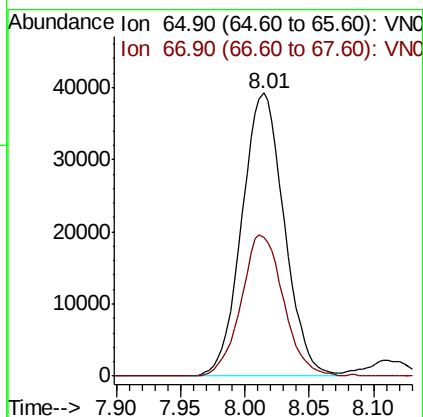
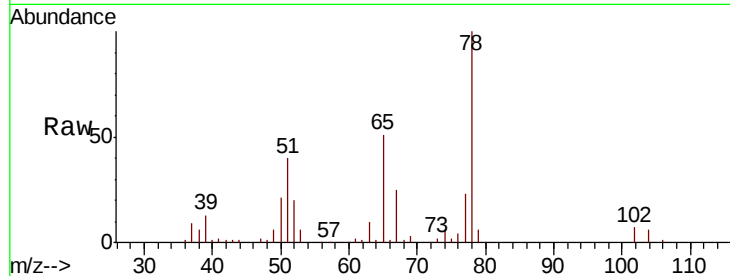




#33
 1,2-Dichloroethane-d4
 Concen: 19.735 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

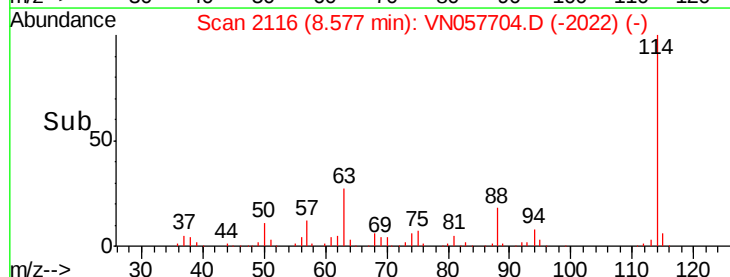
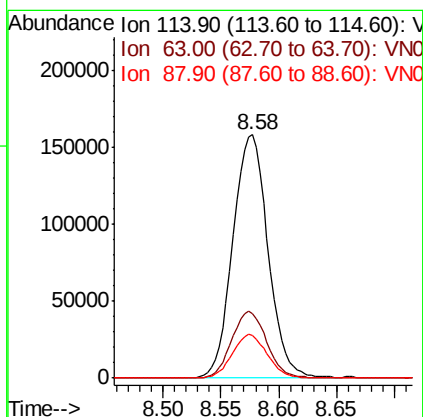
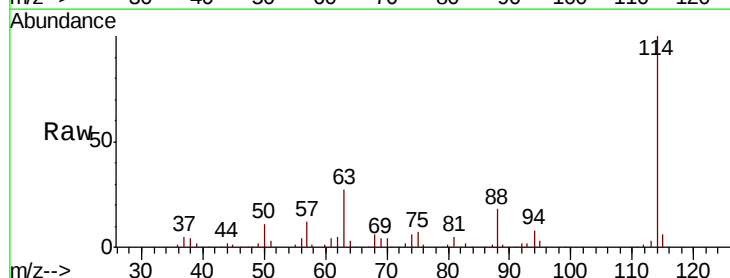
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

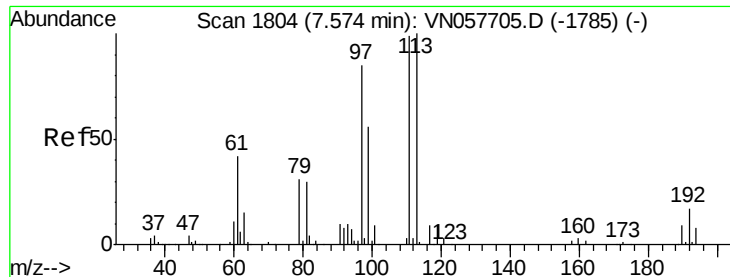
Tgt Ion: 65 Resp: 89855
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 114 Resp: 333955
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 52.4
 88 17.5 0.0 35.4

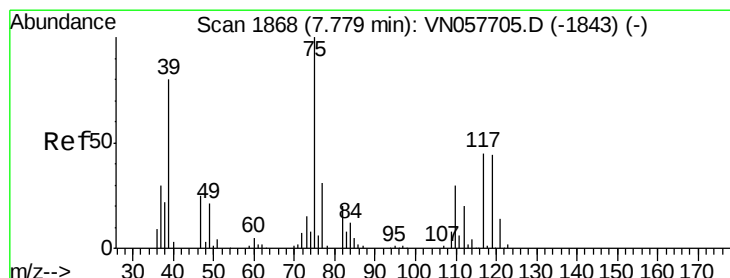
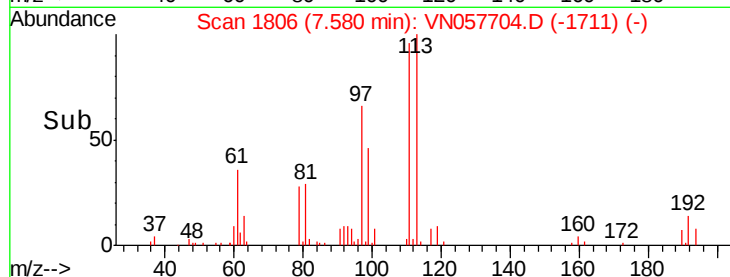
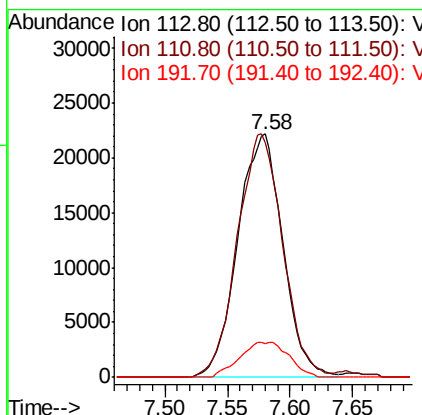
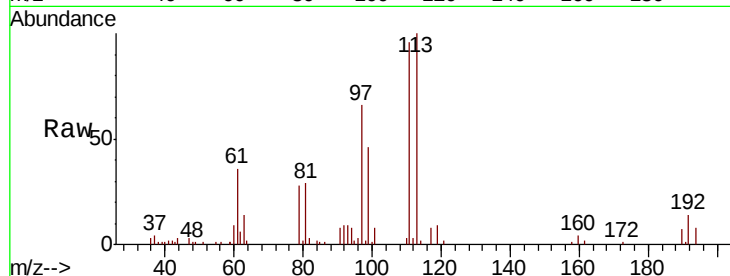




#35
 Dibromofluoromethane
 Concen: 18.297 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

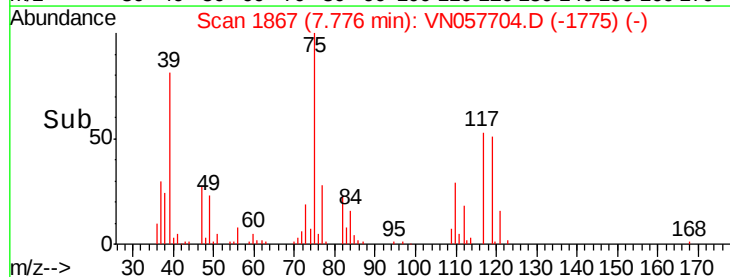
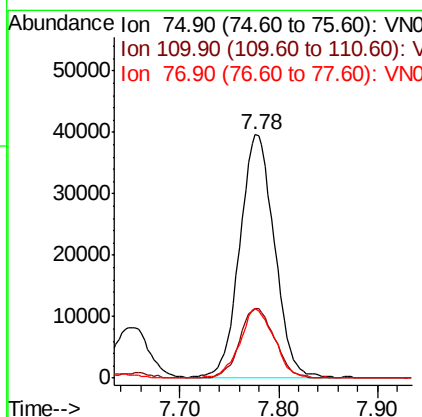
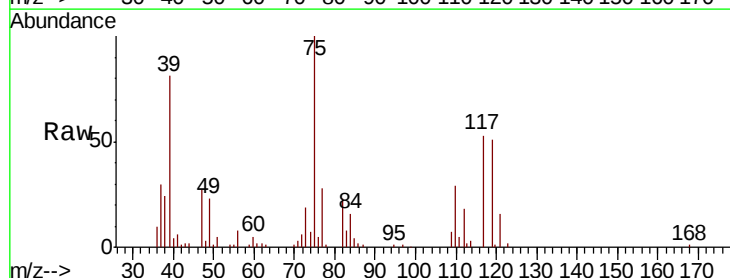
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

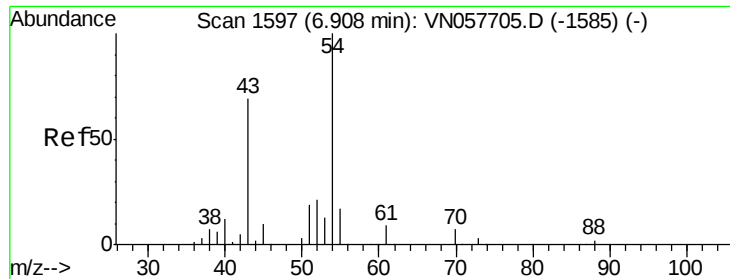
Tgt Ion: 113 Resp: 55309
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.7 124.1
 192 15.8 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 23.047 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 75 Resp: 96561
 Ion Ratio Lower Upper
 75 100
 110 28.7 15.0 45.0
 77 28.1 24.6 37.0

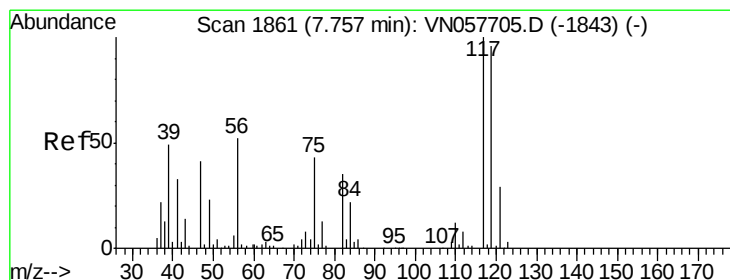
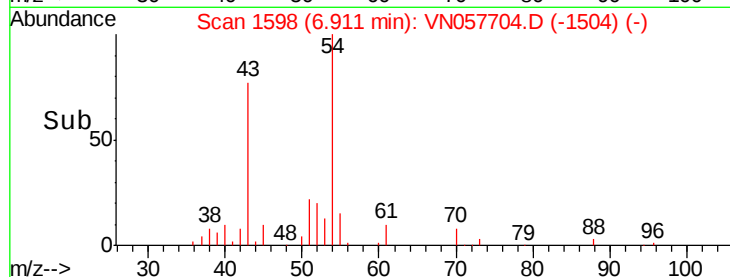
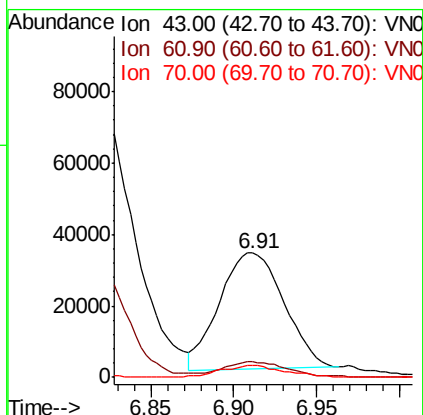
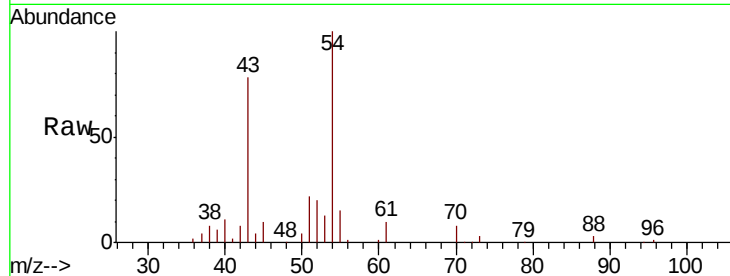




#37
 Ethyl Acetate
 Concen: 20.781 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

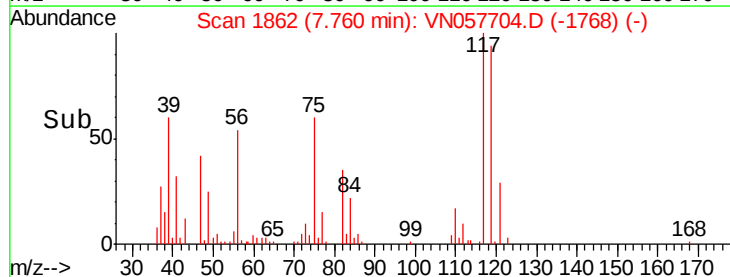
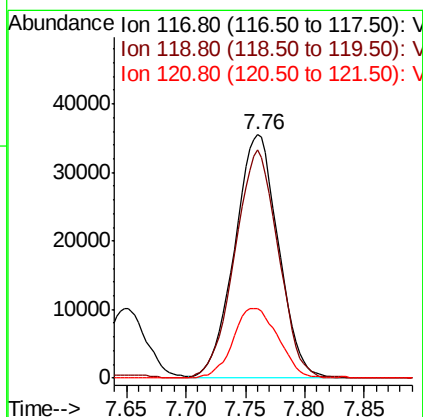
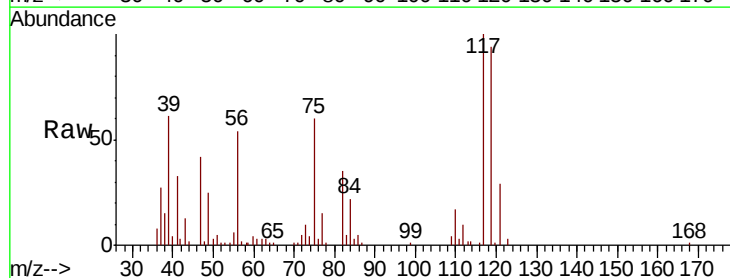
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

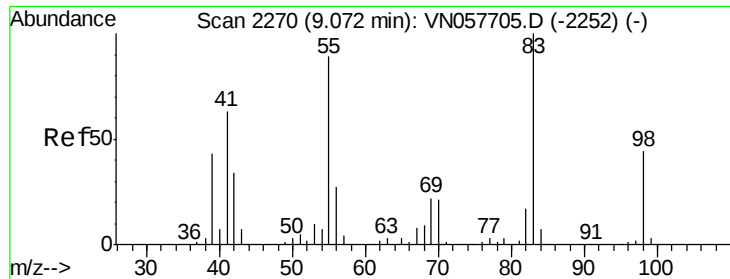
Tgt Ion: 43 Resp: 88798
 Ion Ratio Lower Upper
 43 100
 61 13.6 9.8 14.8
 70 10.3 6.7 10.1#



#38
 Carbon Tetrachloride
 Concen: 21.162 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 117 Resp: 90446
 Ion Ratio Lower Upper
 117 100
 119 93.2 76.1 114.1
 121 28.8 23.4 35.2

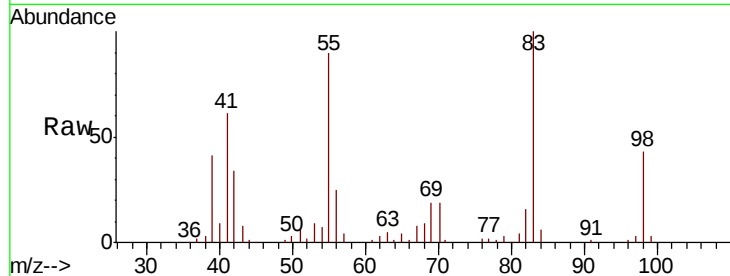




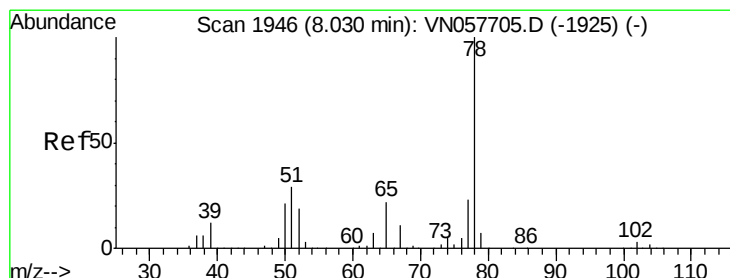
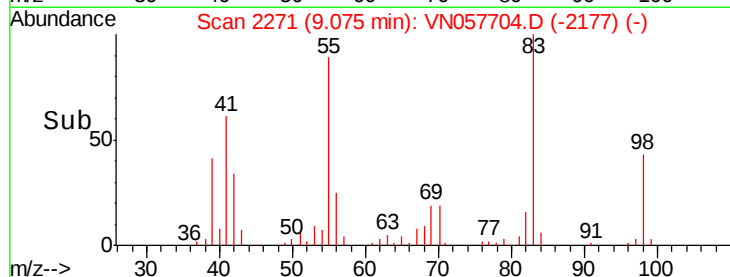
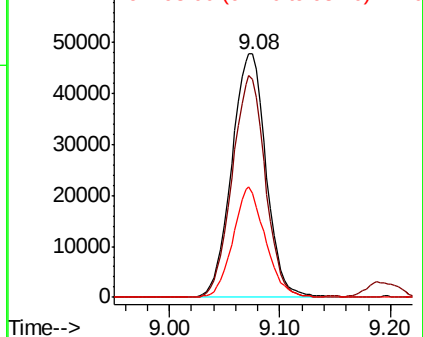
#39
Methylcyclohexane
Concen: 22.137 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 102978
Ion Ratio Lower Upper
83 100
55 89.8 71.4 107.0
98 42.6 35.3 52.9

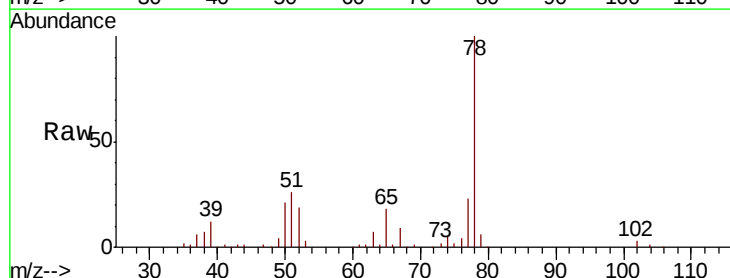


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

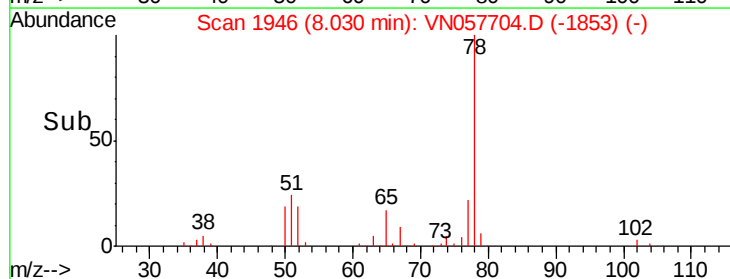
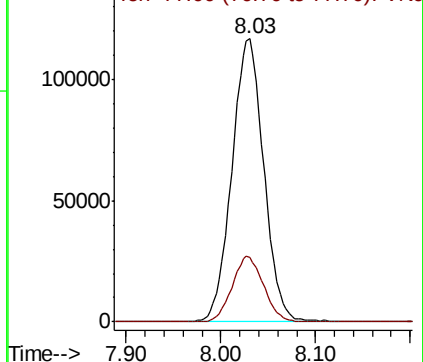


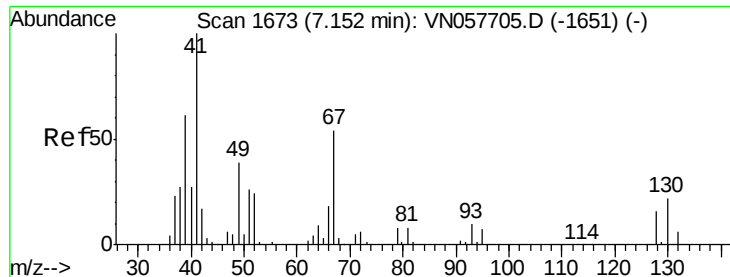
#40
Benzene
Concen: 22.442 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 78 Resp: 273504
Ion Ratio Lower Upper
78 100
77 22.6 18.6 28.0



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

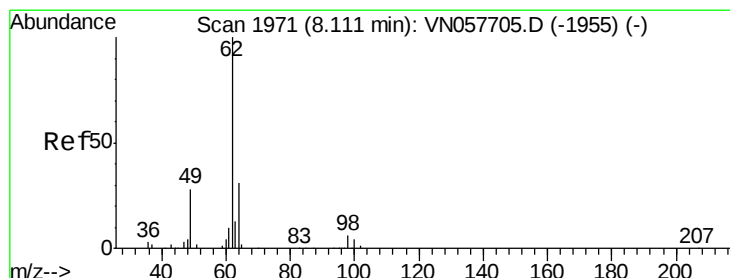
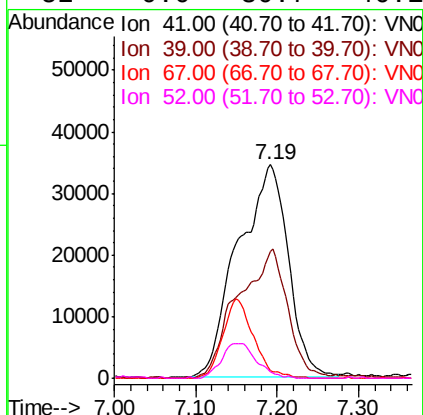
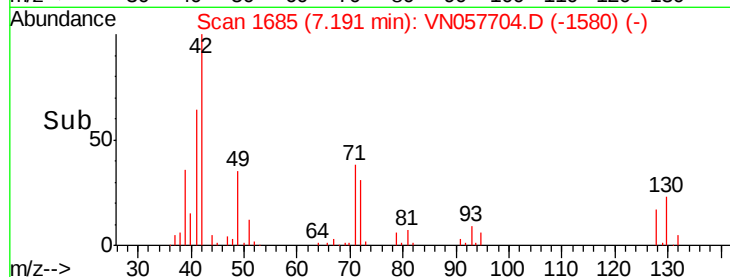
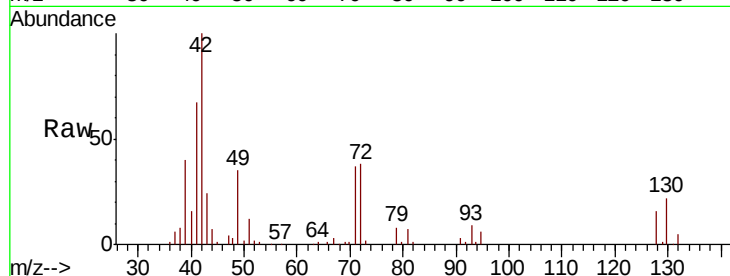




#41
Methacrylonitrile
Concen: 82.934 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

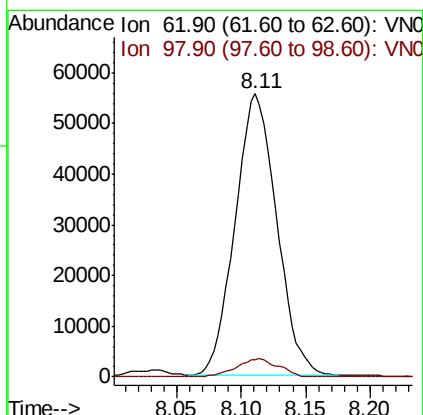
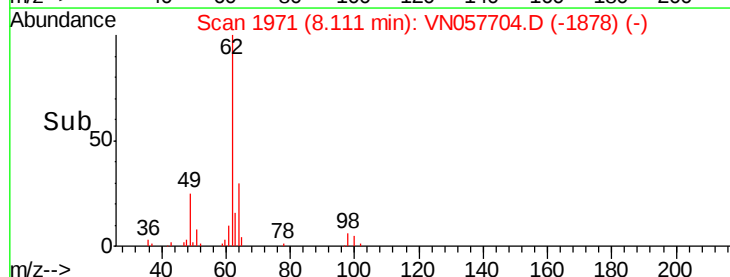
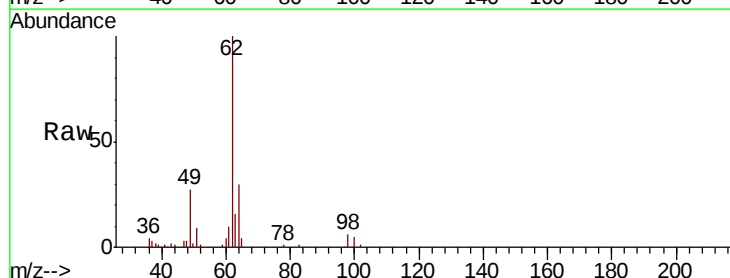
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

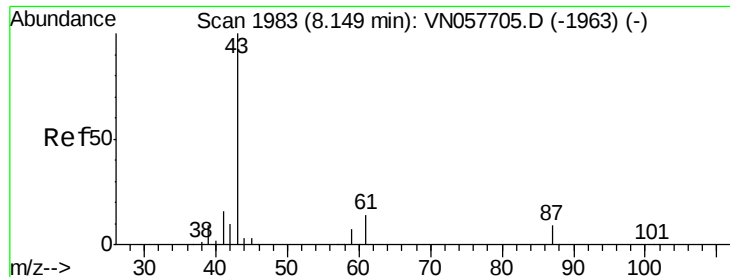
Tgt Ion: 41 Resp: 147850
Ion Ratio Lower Upper
41 100
39 60.4 43.6 65.4
67 0.0 59.8 89.6#
52 0.0 30.7 46.1#



#42
1,2-Dichloroethane
Concen: 22.225 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 62 Resp: 124629
Ion Ratio Lower Upper
62 100
98 6.4 0.0 12.6





#43

Isopropyl Acetate

Concen: 23.286 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

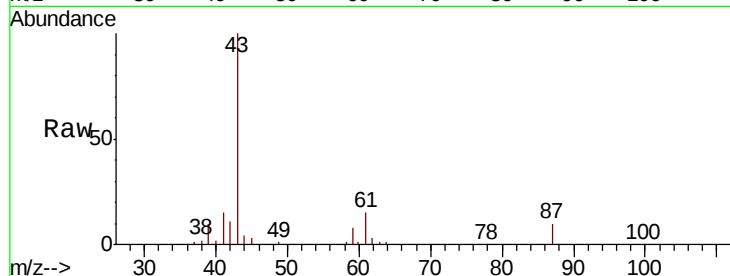
Tgt Ion: 43 Resp: 182797

Ion Ratio Lower Upper

43 100

61 23.1 12.8 19.2#

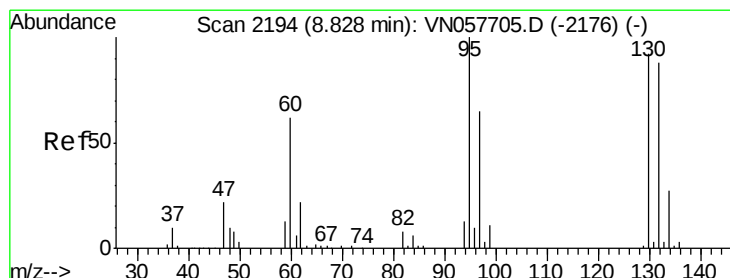
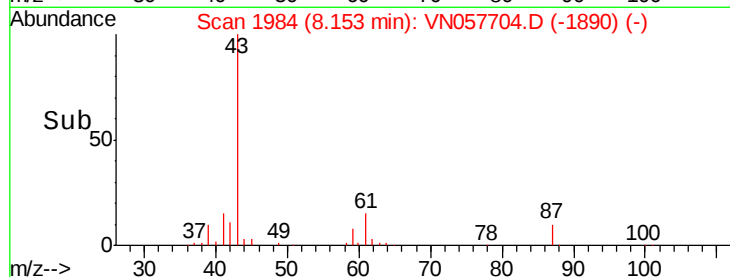
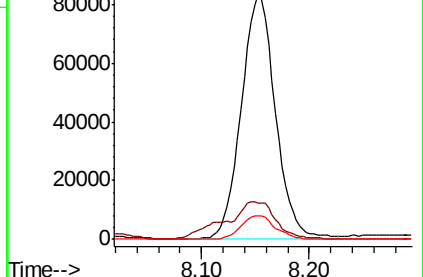
87 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#44

Trichloroethene

Concen: 20.773 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057704.D

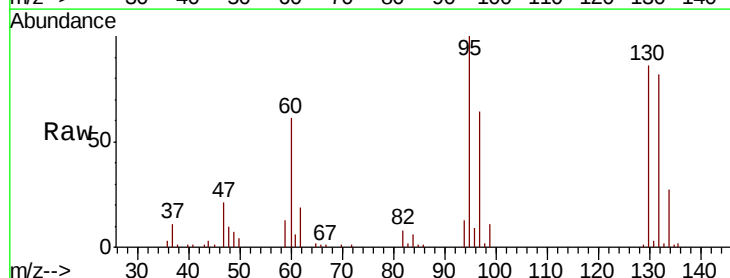
Acq: 5 Sep 2019 18:32

Tgt Ion: 130 Resp: 60600

Ion Ratio Lower Upper

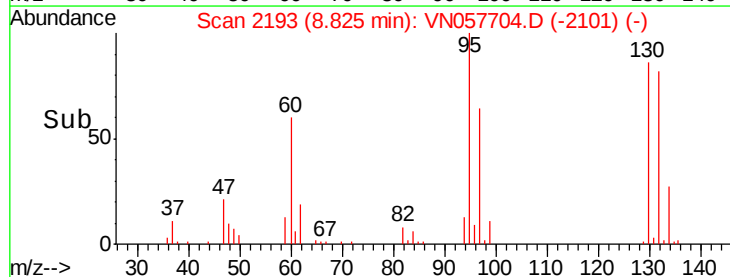
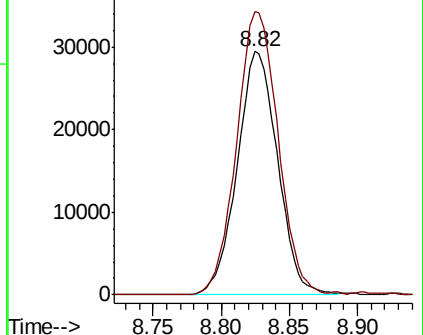
130 100

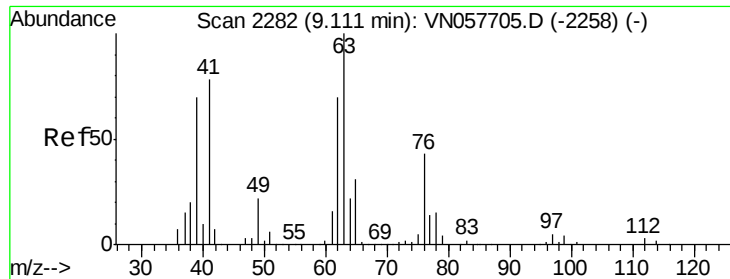
95 116.4 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057705.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN057705.D (-2176) (-)

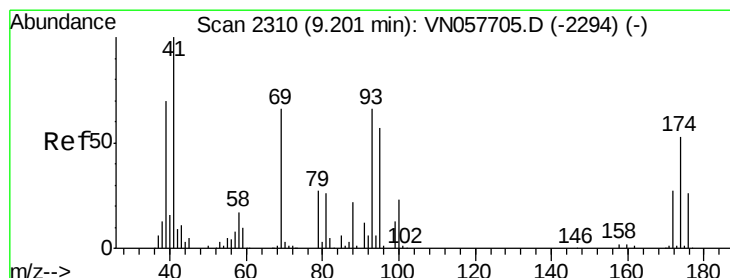
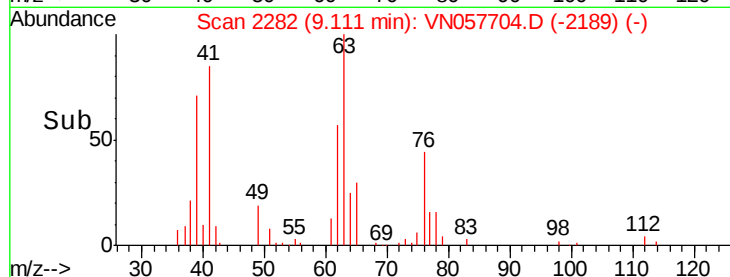
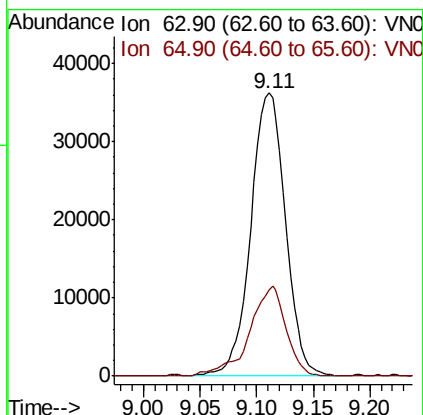
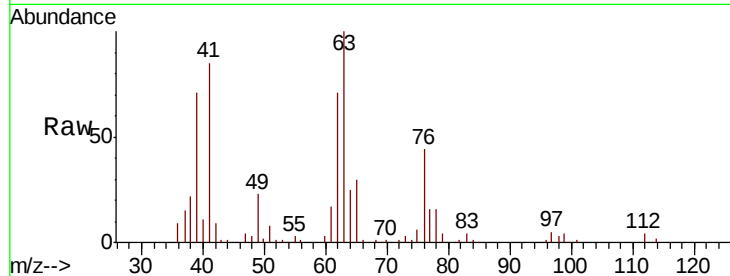




#45
 1,2-Dichloropropane
 Concen: 22.706 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

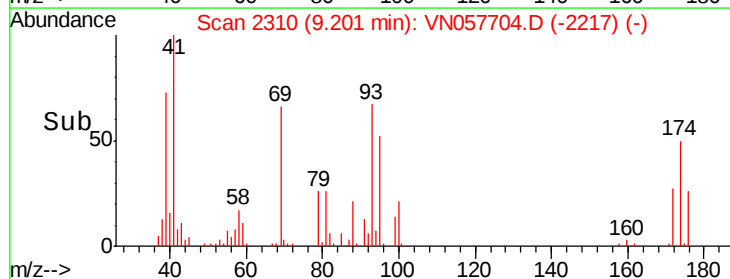
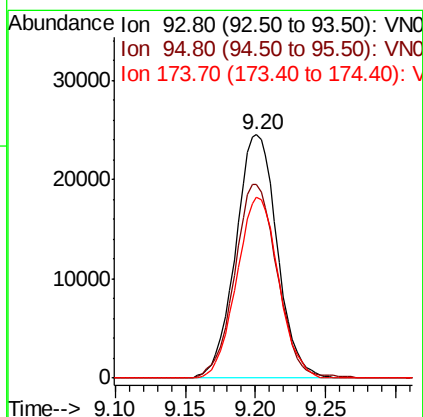
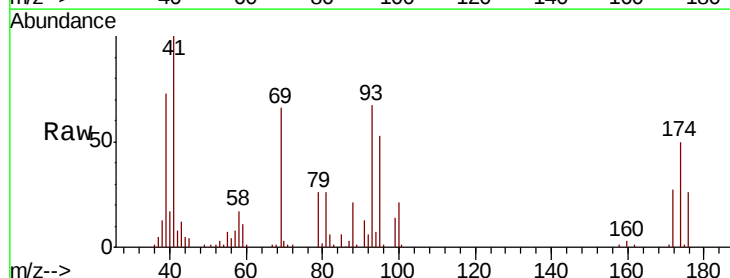
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

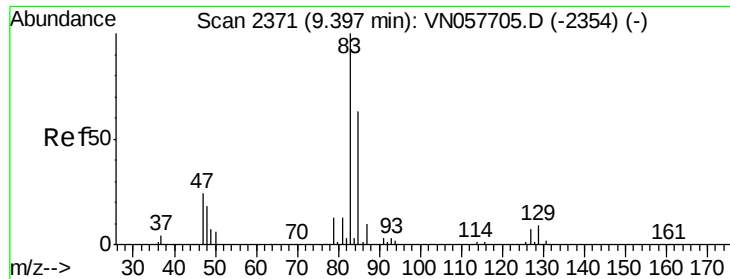
Tgt Ion: 63 Resp: 77294
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.5 36.7



#46
 Dibromomethane
 Concen: 22.807 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 93 Resp: 50569
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.1 99.1
 174 74.7 63.4 95.2





#47

Bromodichloromethane

Concen: 22.391 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

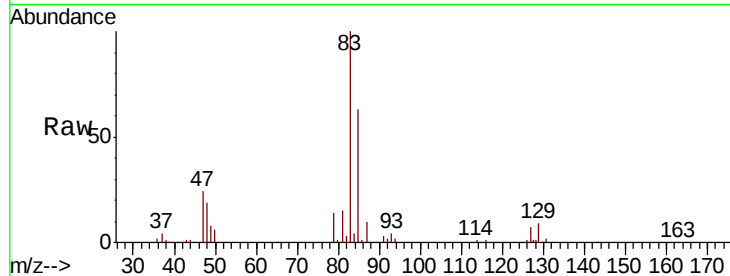
Tgt Ion: 83 Resp: 102713

Ion Ratio Lower Upper

83 100

85 62.8 50.7 76.1

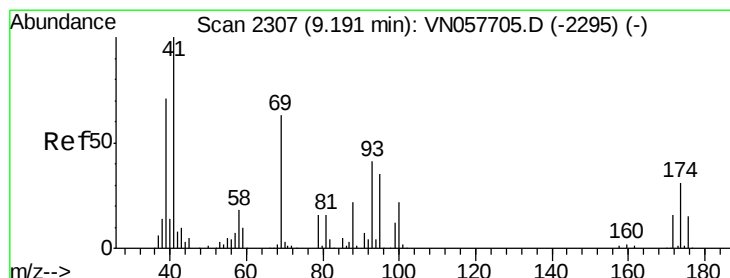
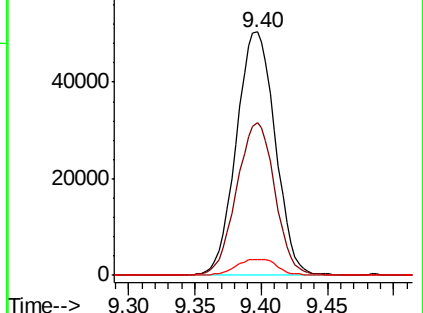
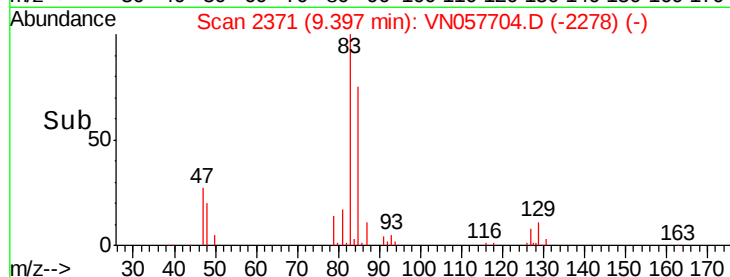
127 6.5 5.6 8.4



Abundance Ion 82.90 (82.60 to 83.60): VN057704.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057704.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057704.D (-2278) (-)



#48

Methyl methacrylate

Concen: 24.554 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

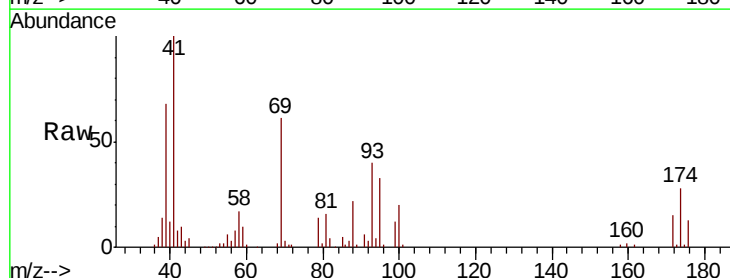
Tgt Ion: 41 Resp: 93058

Ion Ratio Lower Upper

41 100

69 64.0 51.2 76.8

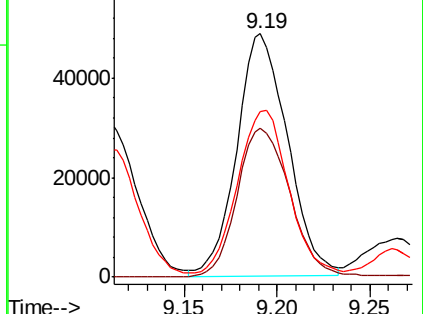
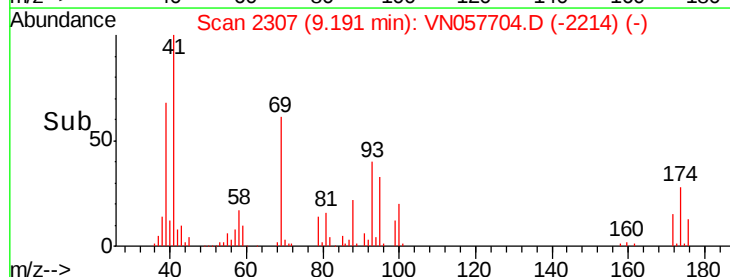
39 69.3 57.3 85.9

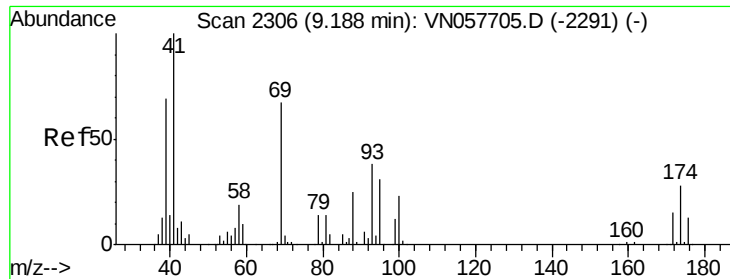


Abundance Ion 41.00 (40.70 to 41.70): VN057704.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057704.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057704.D (-2214) (-)

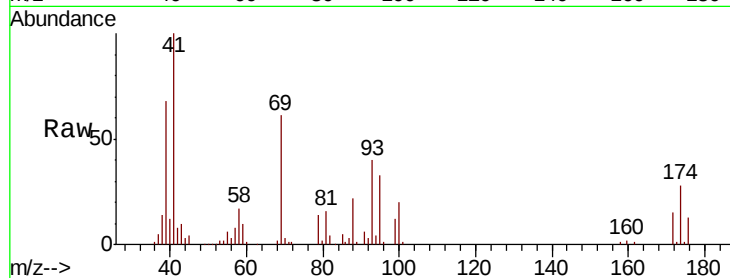




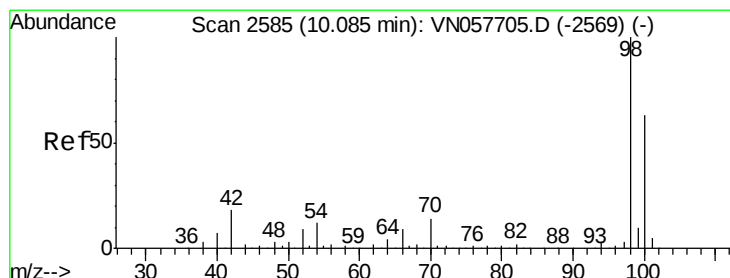
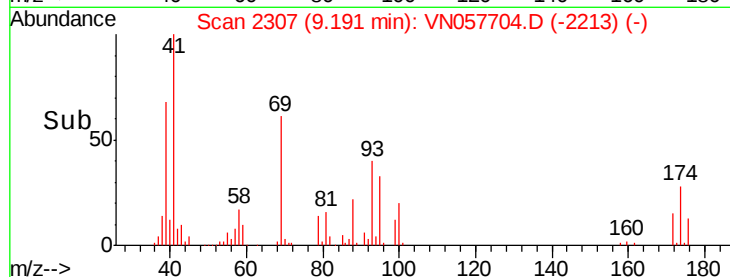
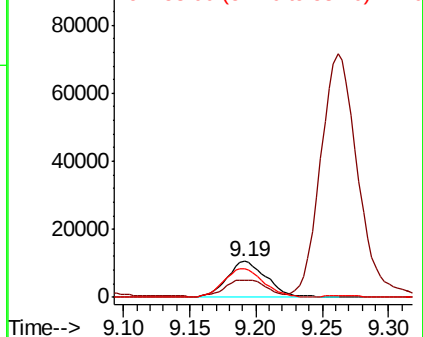
#49
1,4-Dioxane
Concen: 413.537 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 22191
Ion Ratio Lower Upper
88 100
43 47.5 35.4 53.2
58 79.6 61.5 92.3

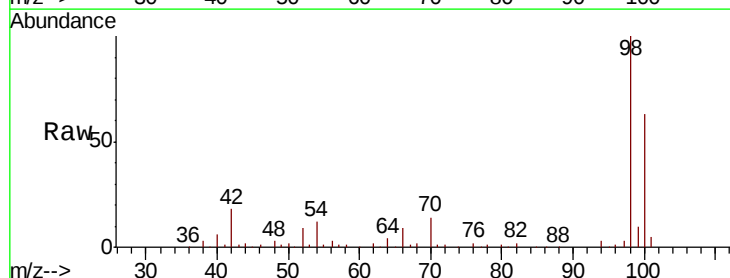


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

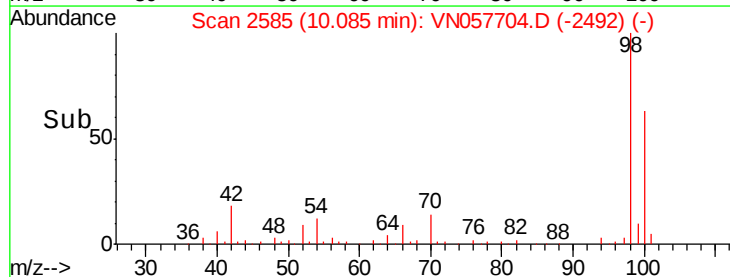
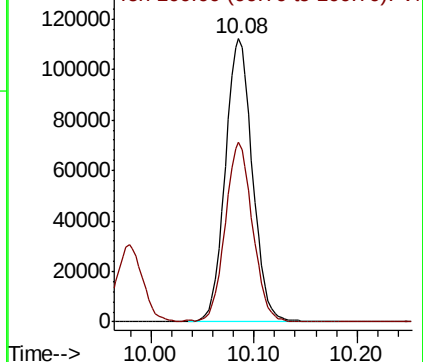


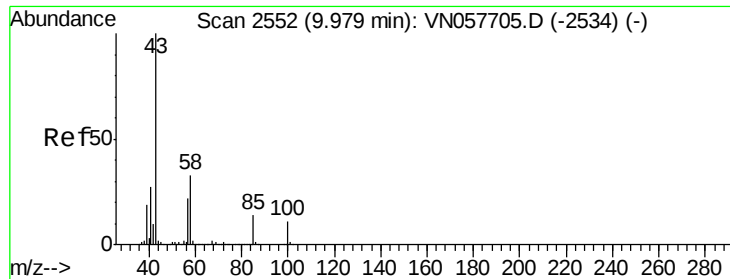
#50
Toluene-d8
Concen: 18.314 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 98 Resp: 206058
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



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

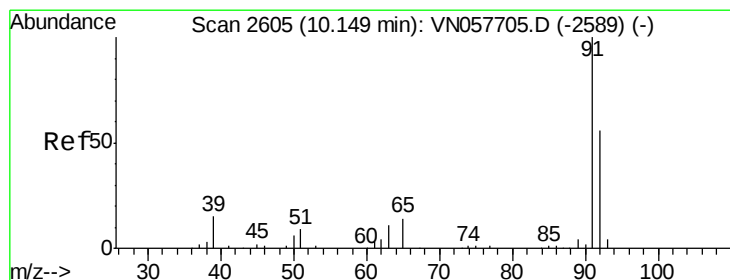
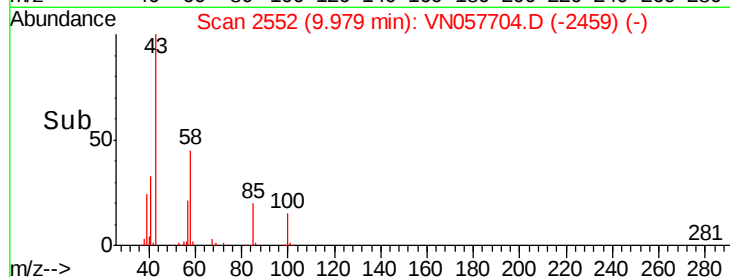
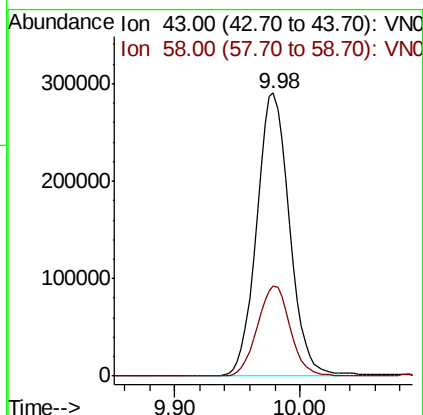
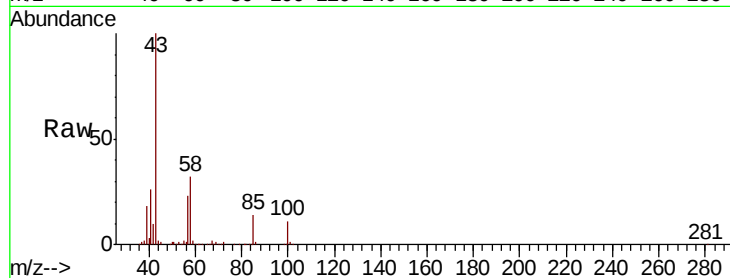




#51
 4-Methyl-2-Pentanone
 Concen: 121.726 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

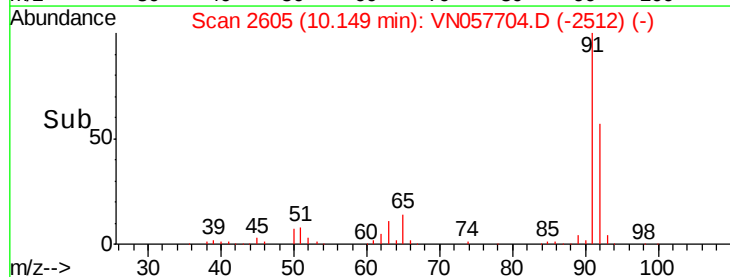
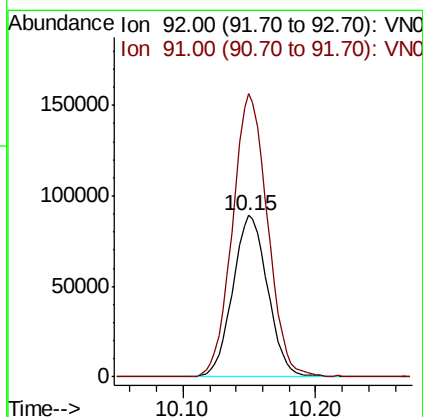
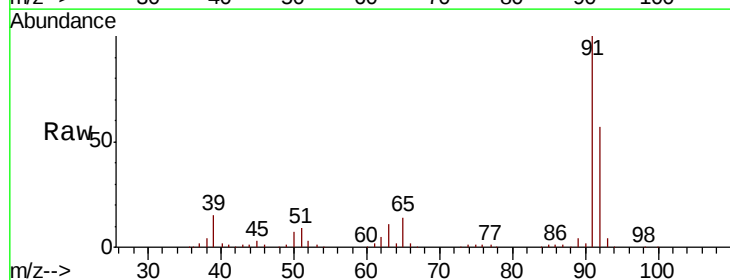
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

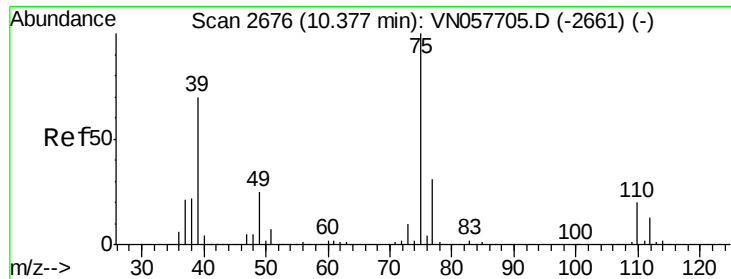
Tgt Ion: 43 Resp: 527341
 Ion Ratio Lower Upper
 43 100
 58 32.0 25.8 38.8



#52
 Toluene
 Concen: 21.661 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 92 Resp: 163514
 Ion Ratio Lower Upper
 92 100
 91 175.8 141.5 212.3

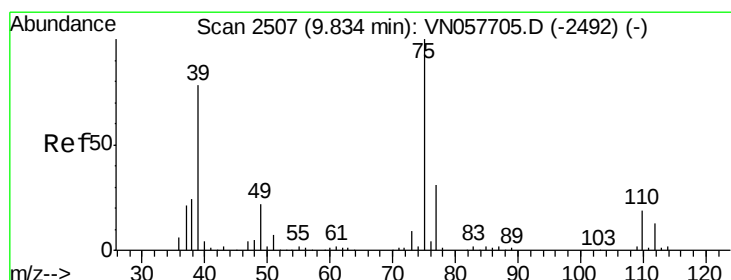
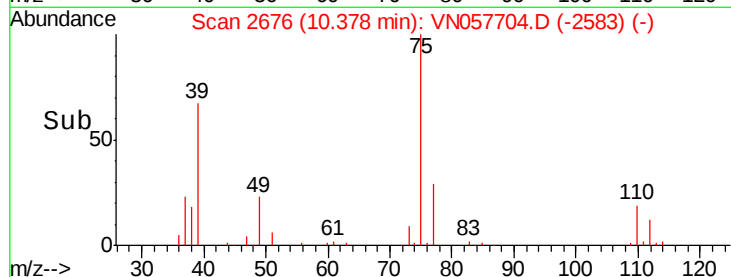
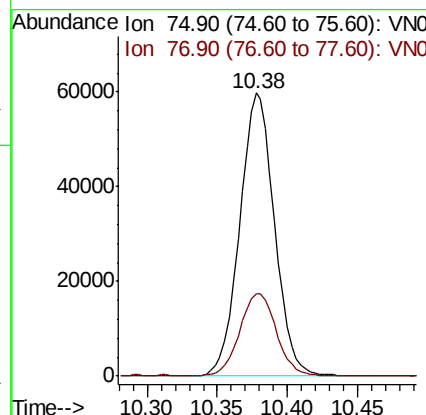
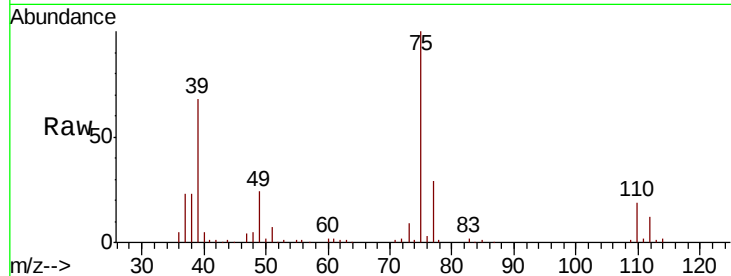




#53
 t-1,3-Dichloropropene
 Concen: 21.940 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

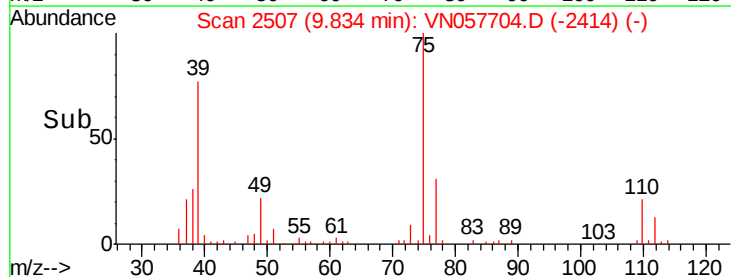
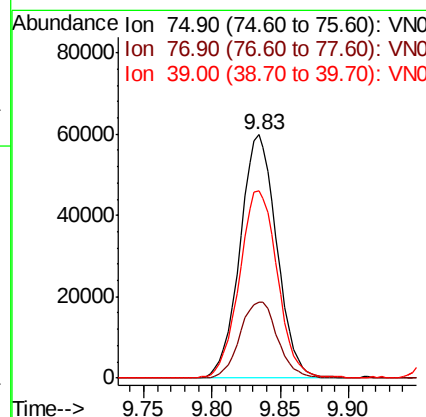
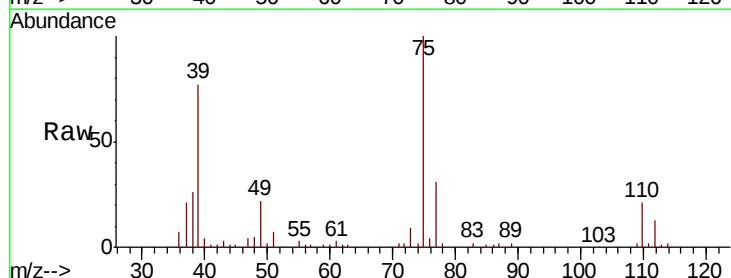
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

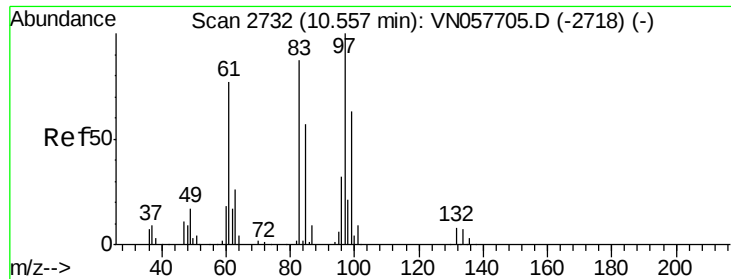
Tgt Ion: 75 Resp: 102906
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.901 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 75 Resp: 112068
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7
 39 77.2 62.4 93.6

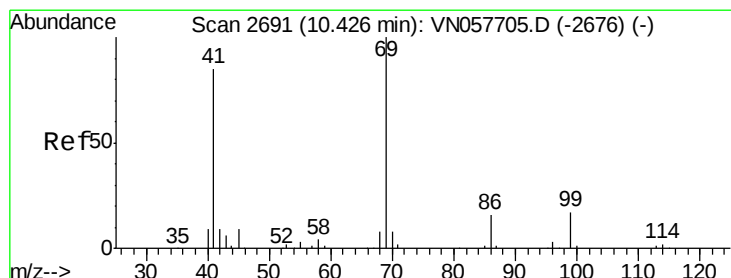
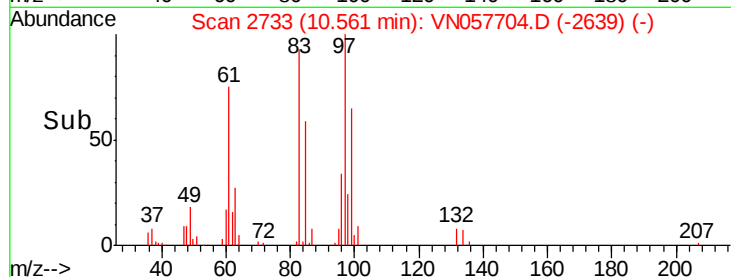
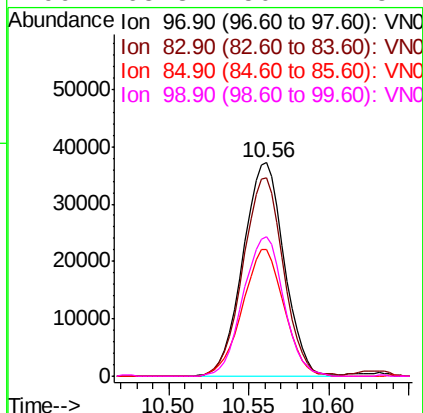
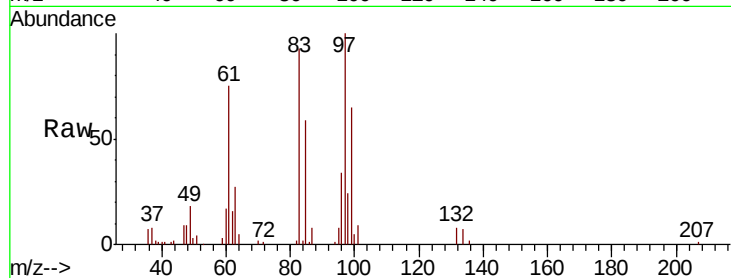




#55
 1,1,2-Trichloroethane
 Concen: 21.849 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

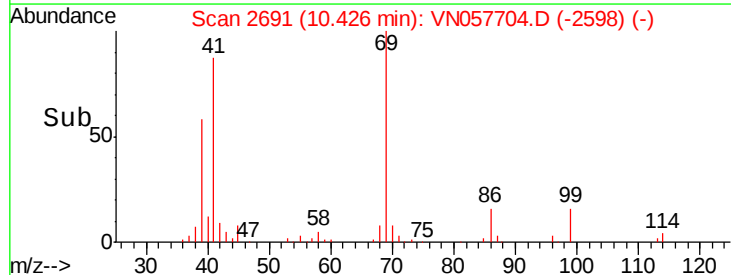
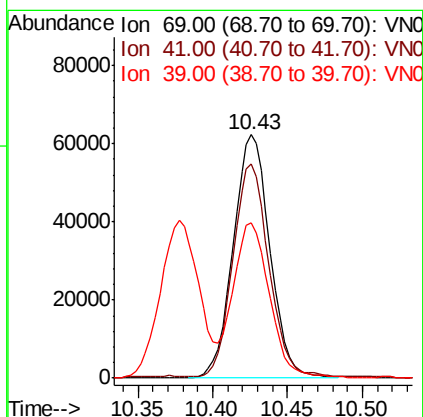
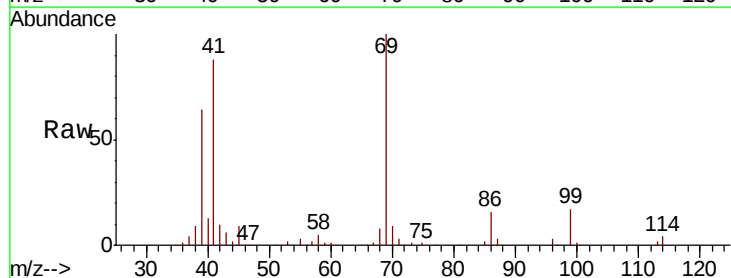
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

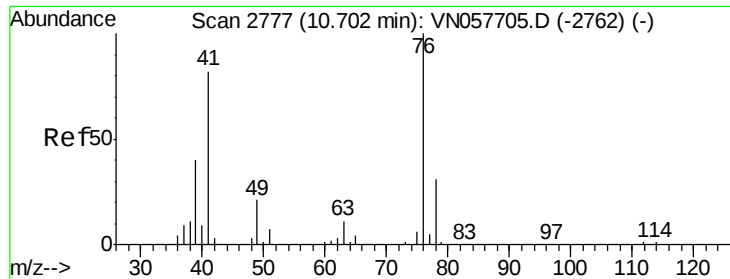
Tgt Ion:	97	Resp:	65707
Ion	Ratio	Lower	Upper
97	100		
83	92.9	69.5	104.3
85	59.4	45.7	68.5
99	65.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 22.963 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion:	69	Resp:	106144
Ion	Ratio	Lower	Upper
69	100		
41	85.7	69.0	103.4
39	63.7	49.2	73.8





#57

1,3-Dichloropropane

Concen: 22.513 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

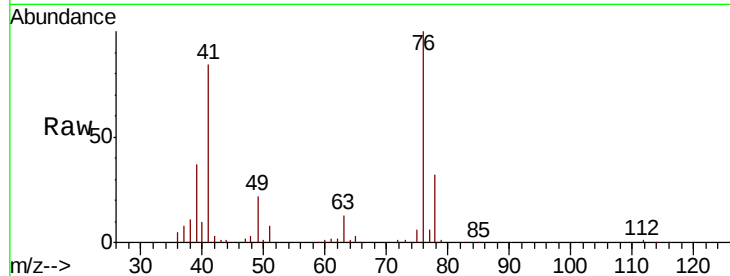
VSTDIC020

Tgt Ion: 76 Resp: 119484

Ion Ratio Lower Upper

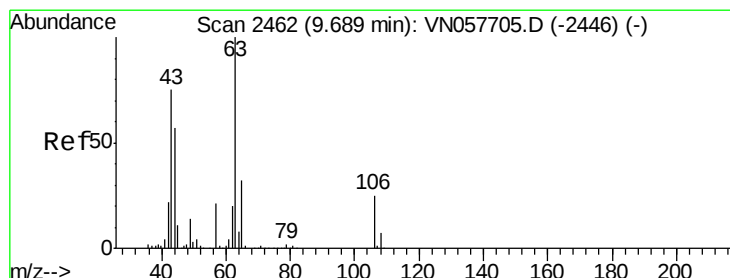
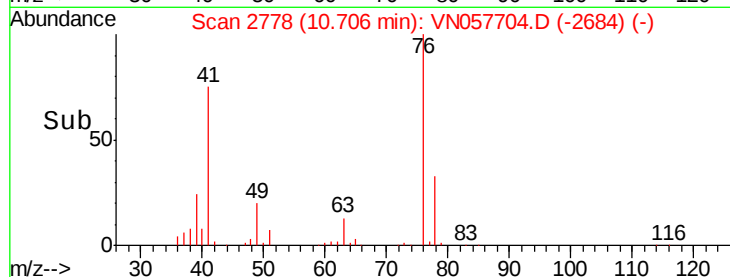
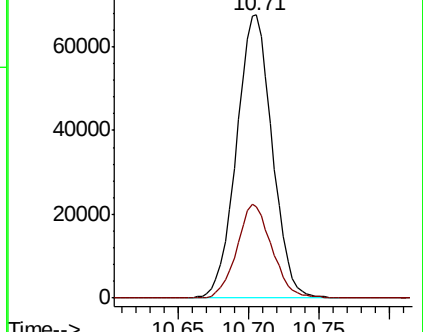
76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN057705.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN057705.D (-2762) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 159.300 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057704.D

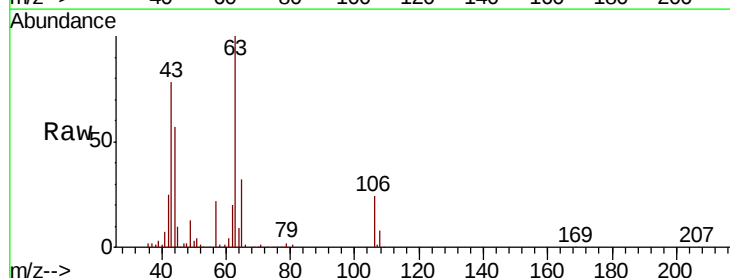
Acq: 5 Sep 2019 18:32

Tgt Ion: 63 Resp: 261677

Ion Ratio Lower Upper

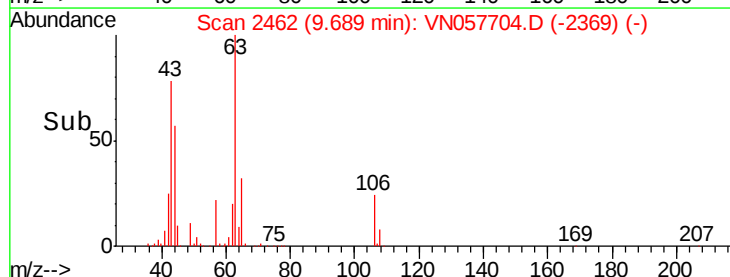
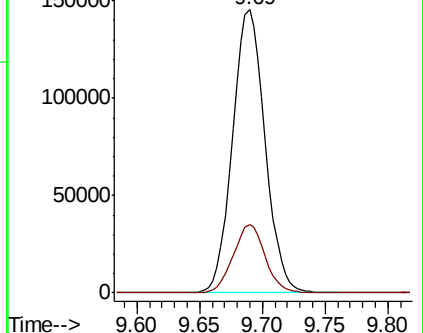
63 100

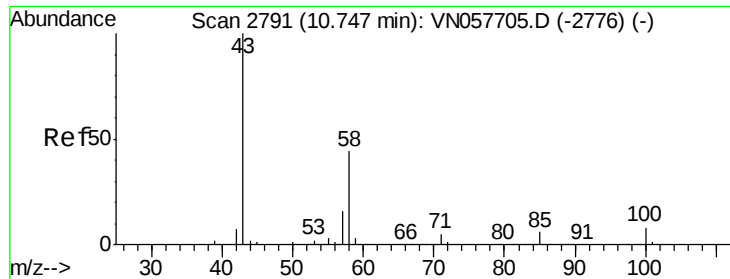
106 23.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN057705.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN057705.D (-2446) (-)

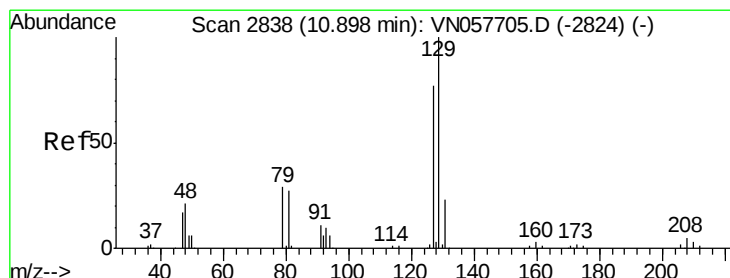
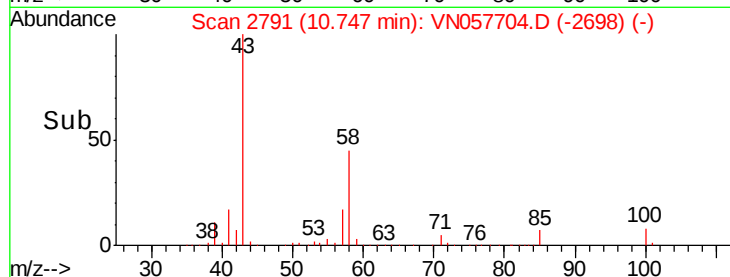
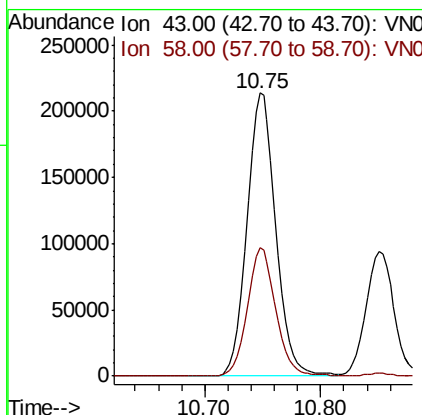
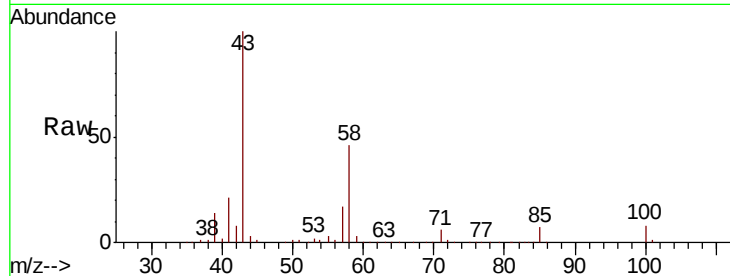




#59
2-Hexanone
Concen: 121.598 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

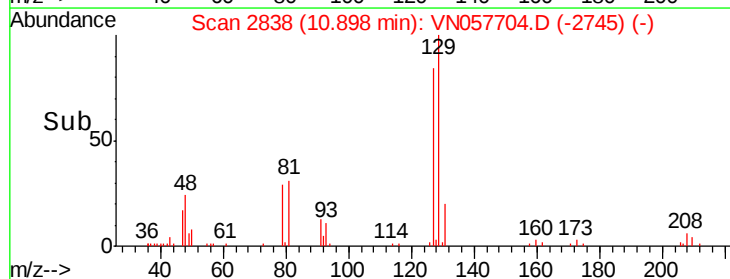
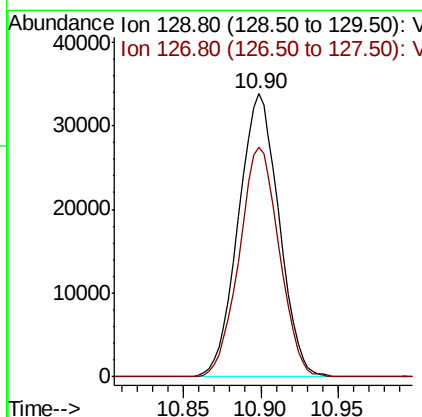
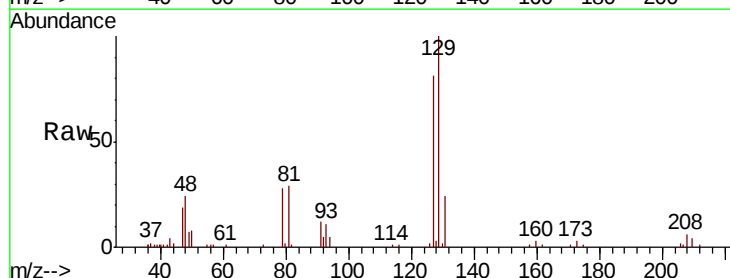
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

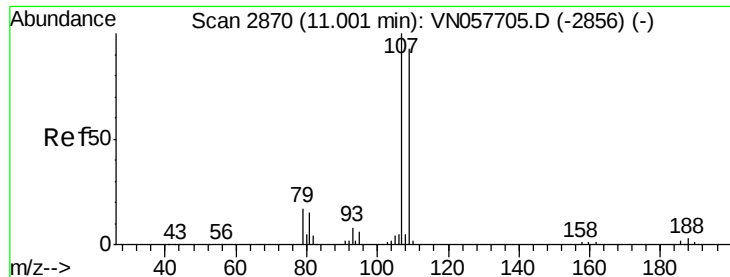
Tgt Ion: 43 Resp: 369282
Ion Ratio Lower Upper
43 100
58 44.8 22.1 66.5



#60
Dibromochloromethane
Concen: 20.884 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 129 Resp: 61636
Ion Ratio Lower Upper
129 100
127 80.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 21.309 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

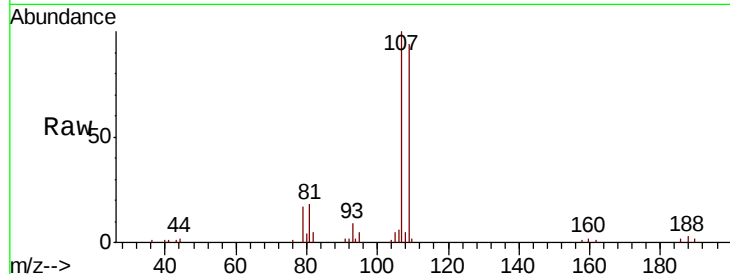
VSTDIC020

Tgt Ion: 107 Resp: 62749

Ion Ratio Lower Upper

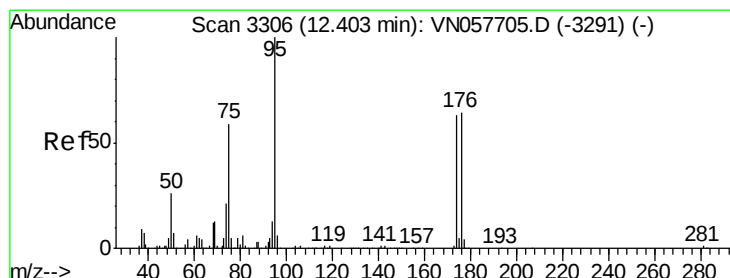
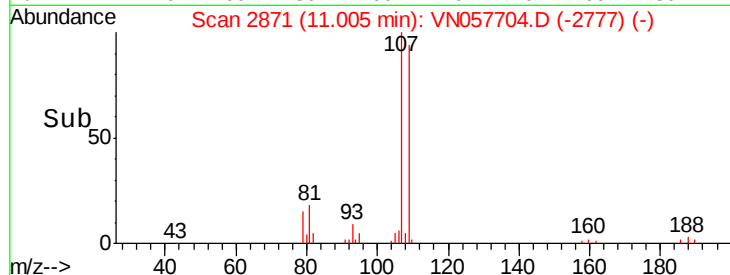
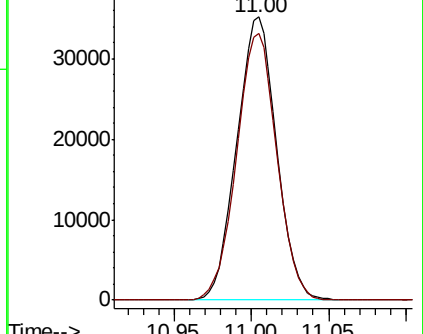
107 100

109 95.4 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.266 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

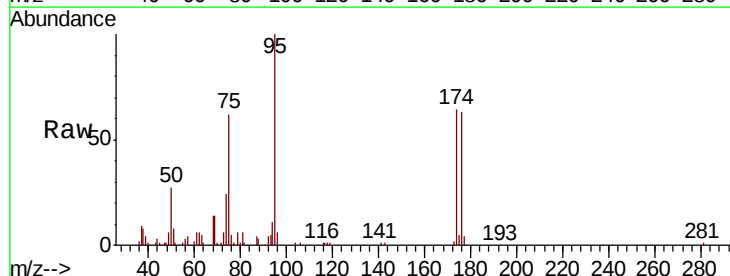
Tgt Ion: 95 Resp: 82384

Ion Ratio Lower Upper

95 100

174 65.4 0.0 128.0

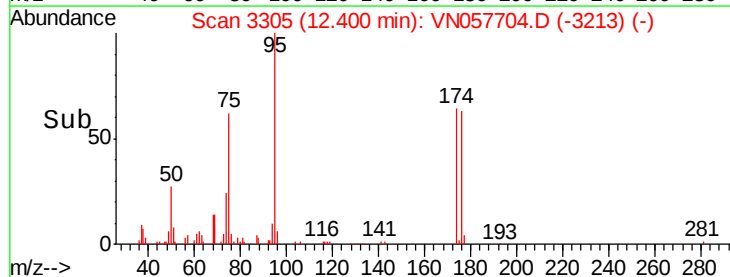
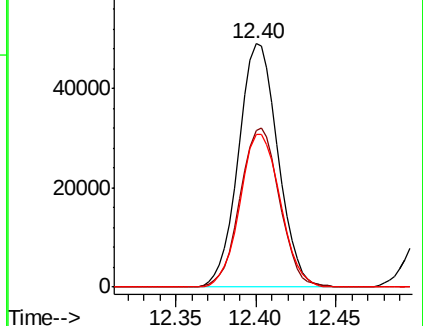
176 64.3 0.0 128.0

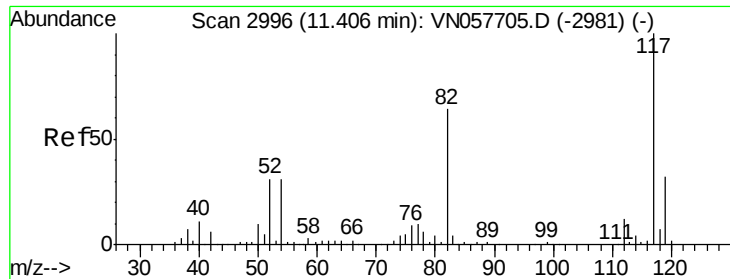


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

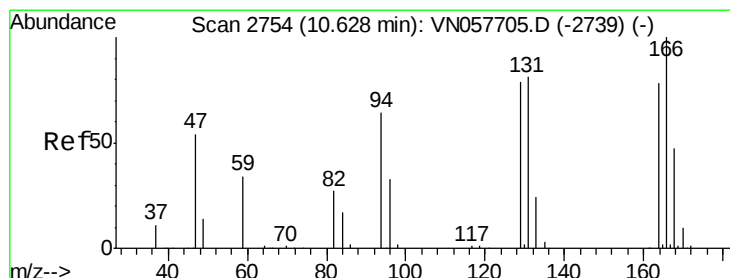
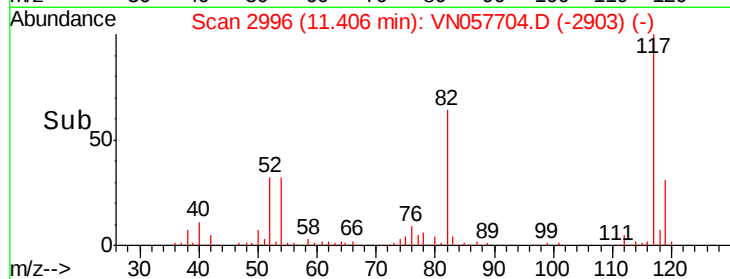
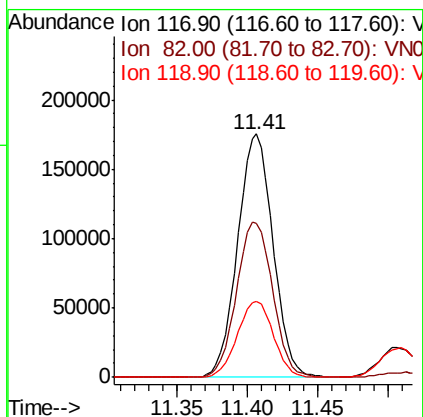
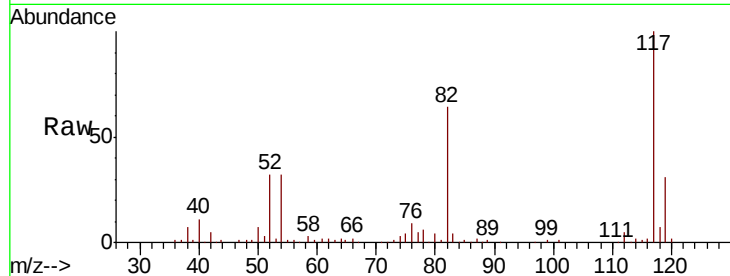




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

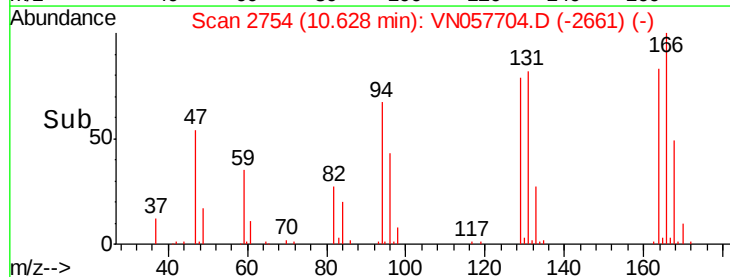
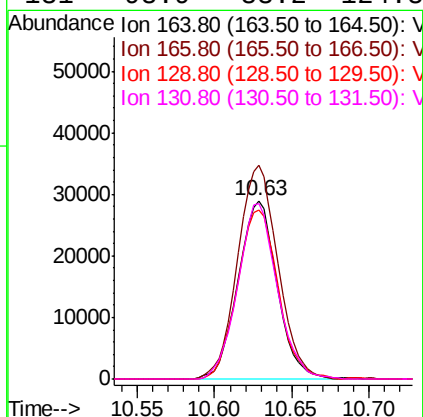
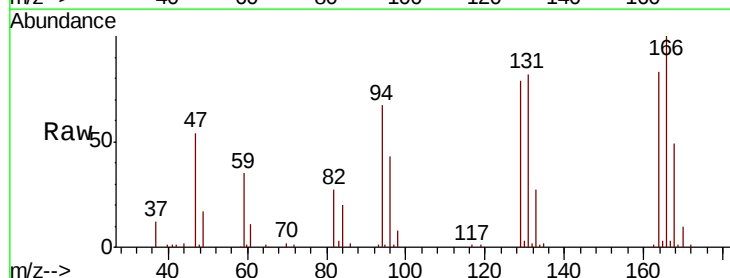
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

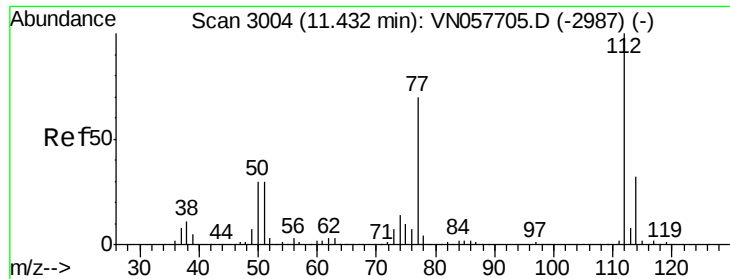
Tgt Ion:117 Resp: 308987
Ion Ratio Lower Upper
117 100
82 63.5 51.4 77.0
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 18.997 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion:164 Resp: 50797
Ion Ratio Lower Upper
164 100
166 120.0 103.0 154.6
129 95.0 81.1 121.7
131 98.9 83.2 124.8

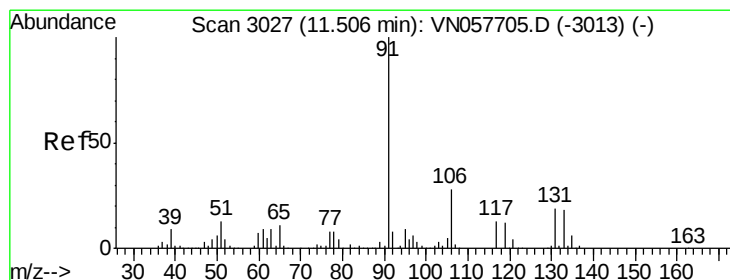
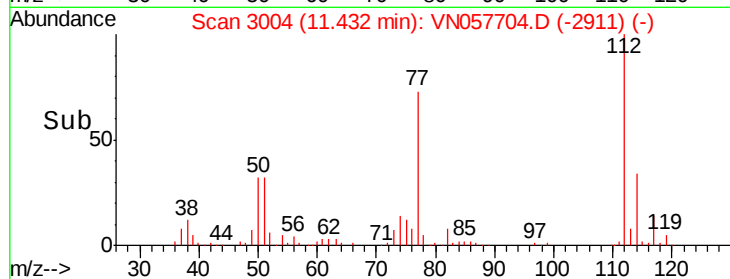
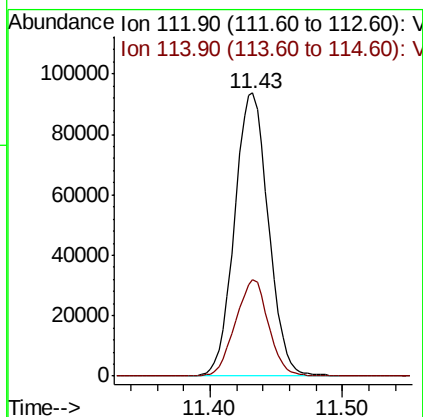
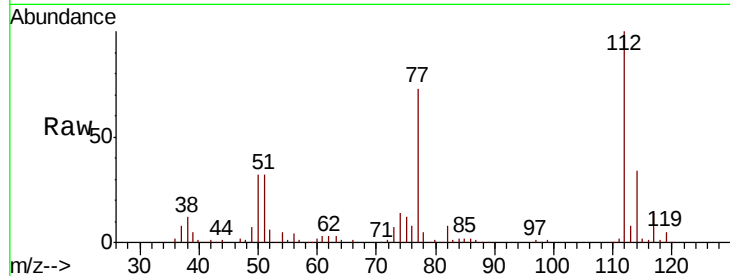




#65
Chlorobenzene
Concen: 21.170 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

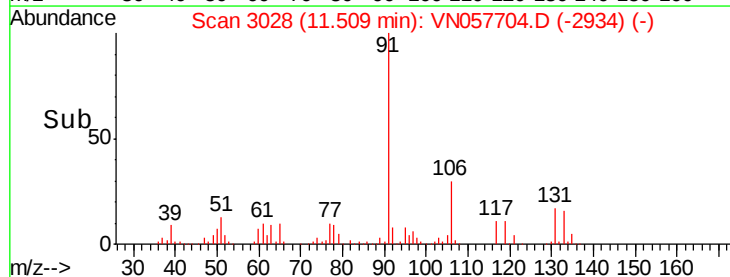
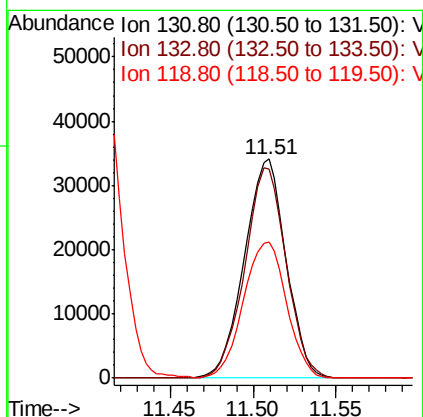
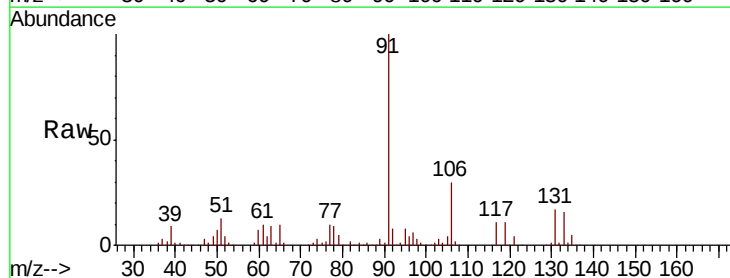
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

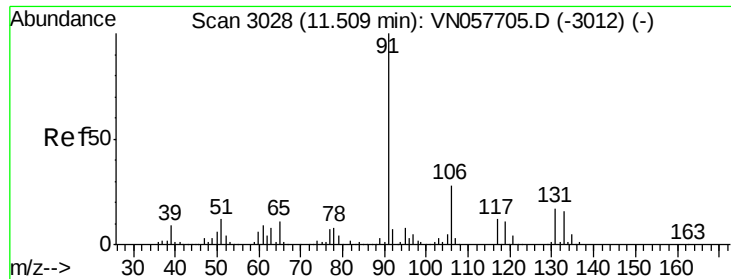
Tgt Ion:112 Resp: 165885
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.860 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion:131 Resp: 59405
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 64.5 32.8 98.3

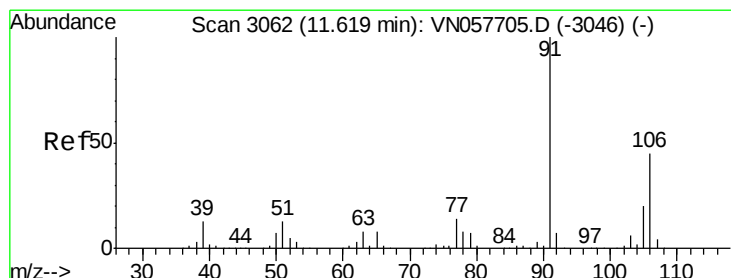
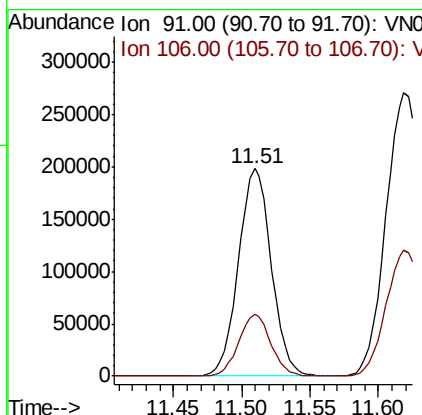
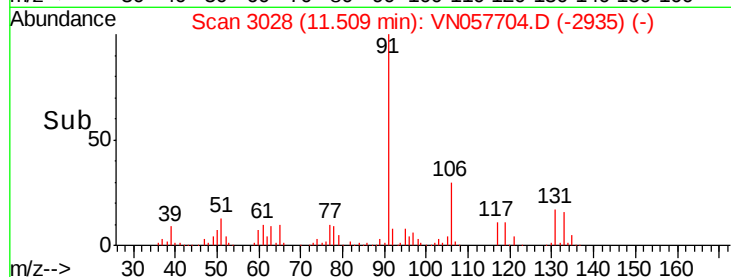
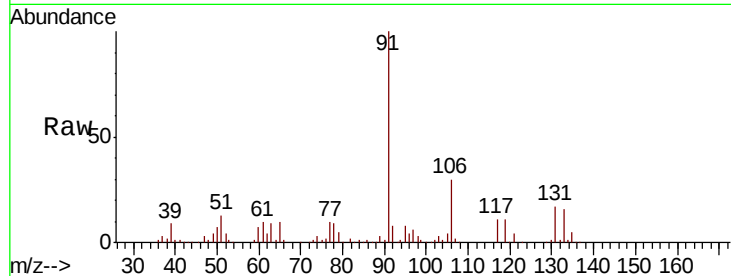




#67
Ethyl Benzene
Concen: 22.173 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

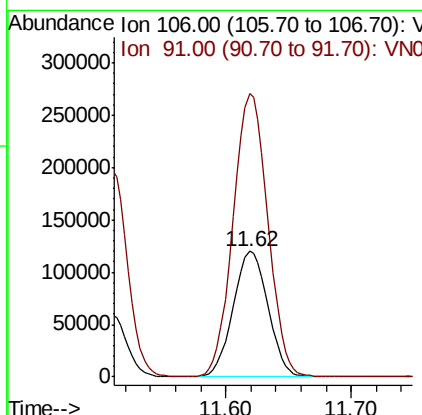
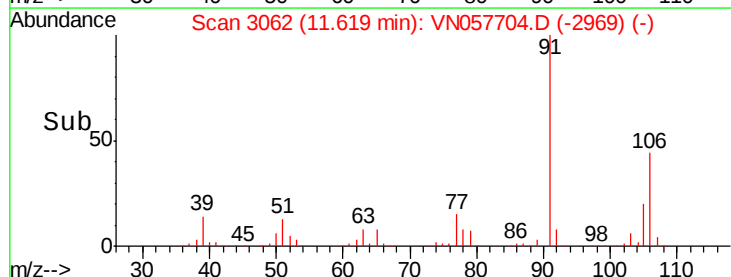
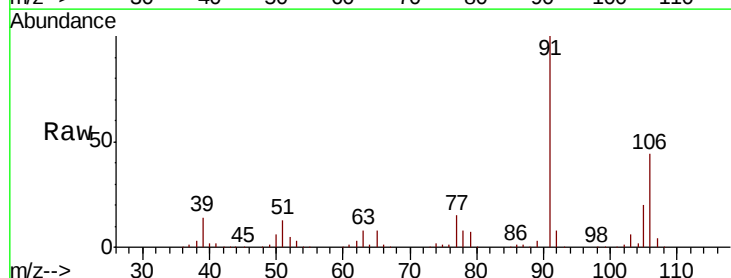
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

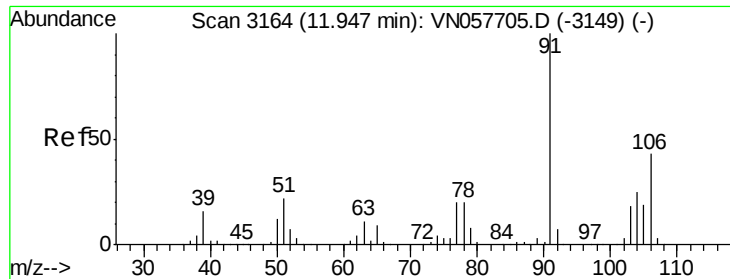
Tgt Ion: 91 Resp: 331676
Ion Ratio Lower Upper
91 100
106 29.6 22.8 34.2



#68
m/p-Xylenes
Concen: 45.011 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion: 106 Resp: 231942
Ion Ratio Lower Upper
106 100
91 224.1 179.8 269.8

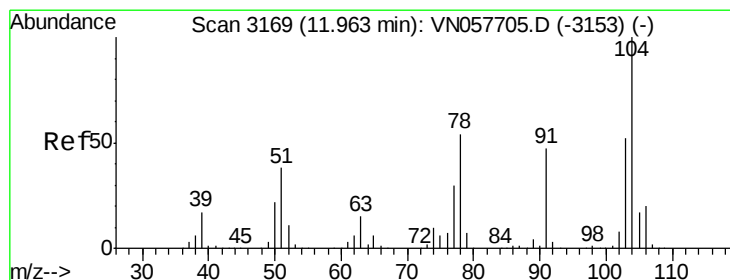
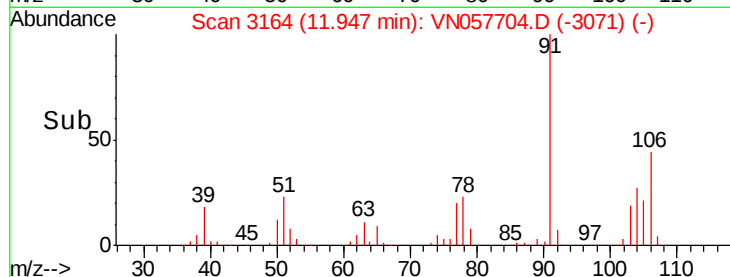
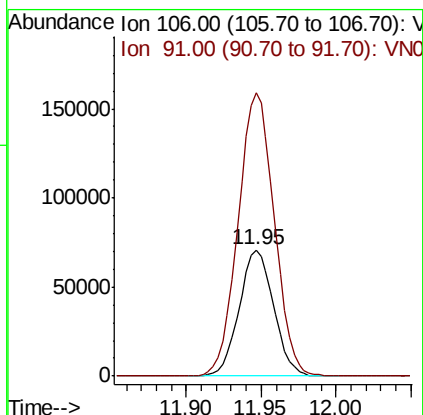
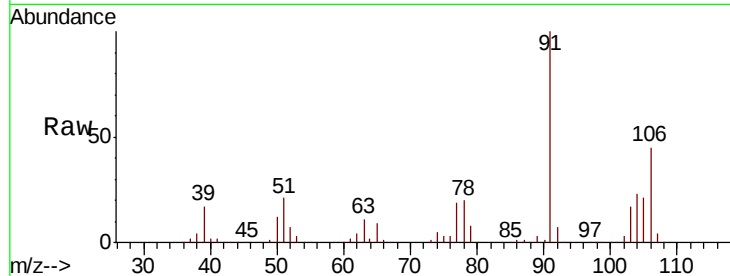




#69
o-Xylene
Concen: 22.130 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

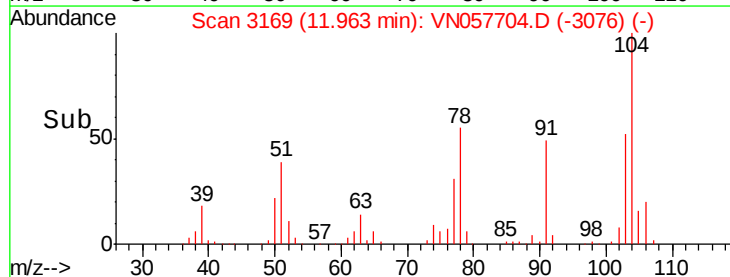
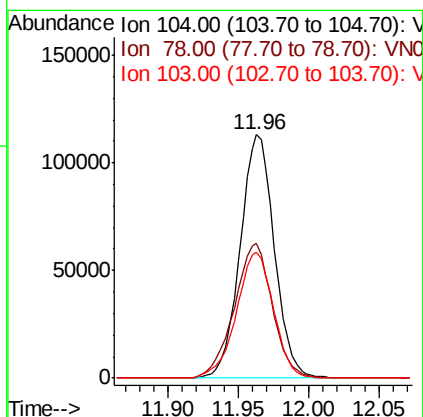
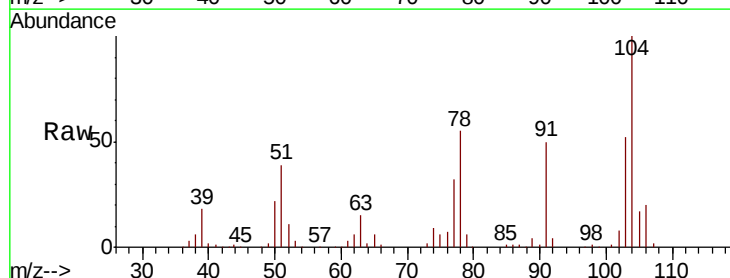
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

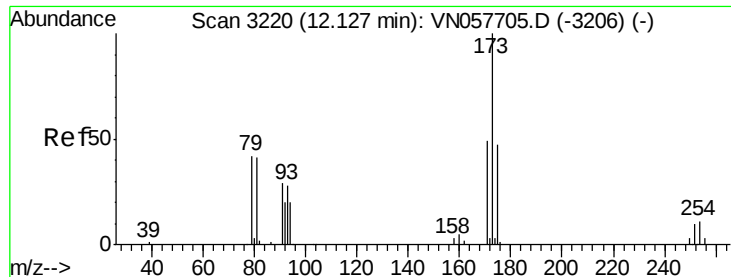
Tgt Ion:106 Resp: 113638
Ion Ratio Lower Upper
106 100
91 234.9 116.8 350.4



#70
Styrene
Concen: 23.514 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion:104 Resp: 192358
Ion Ratio Lower Upper
104 100
78 61.5 48.5 72.7
103 56.2 45.0 67.4

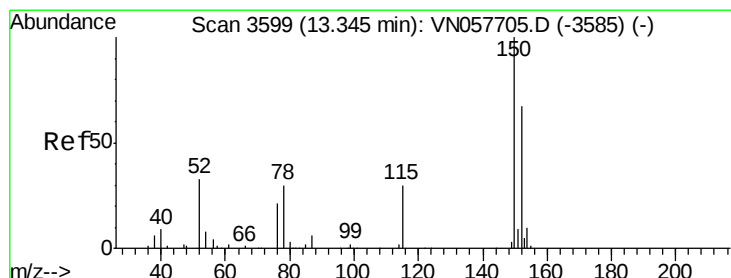
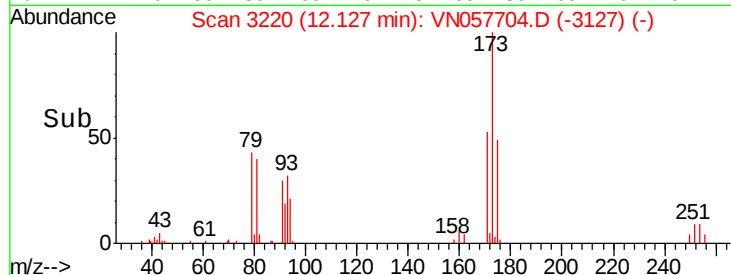
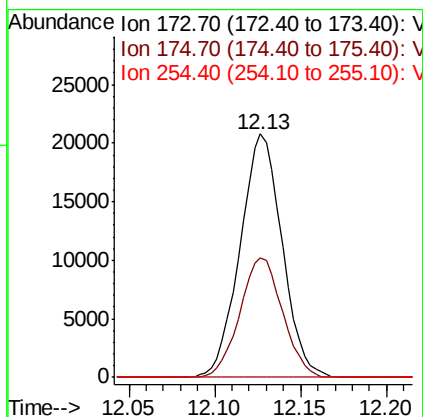
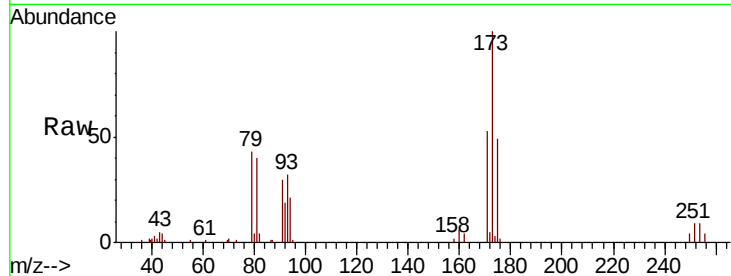




#71
Bromoform
Concen: 19.756 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

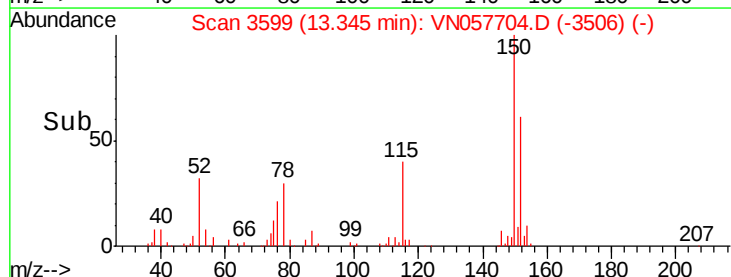
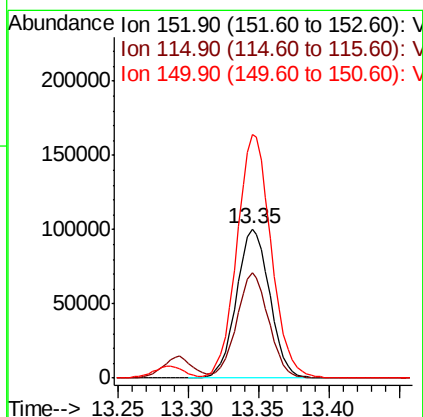
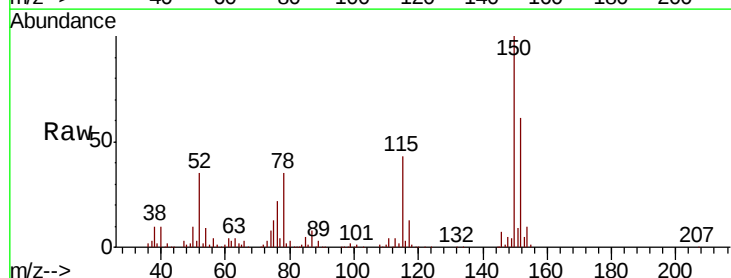
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

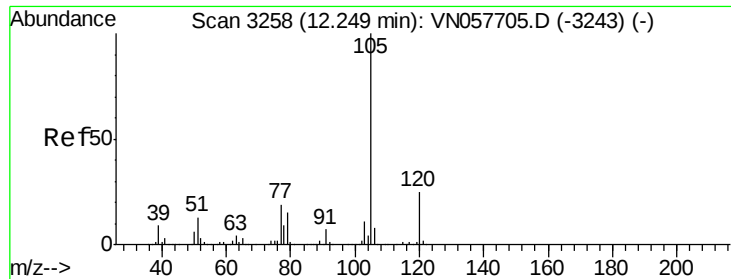
Tgt Ion:173 Resp: 35174
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion:152 Resp: 166073
Ion Ratio Lower Upper
152 100
115 68.0 33.8 101.3
150 168.1 0.0 345.4





#73

Isopropylbenzene

Concen: 16.198 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

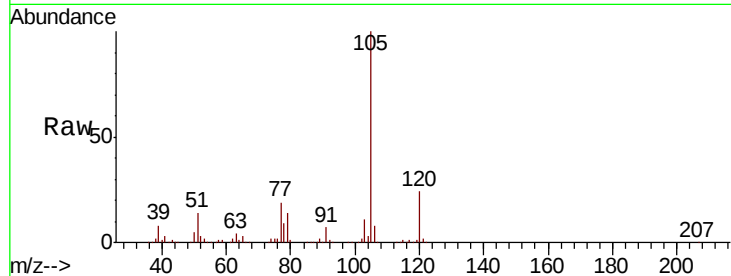
VSTDIC020

Tgt Ion:105 Resp: 322659

Ion Ratio Lower Upper

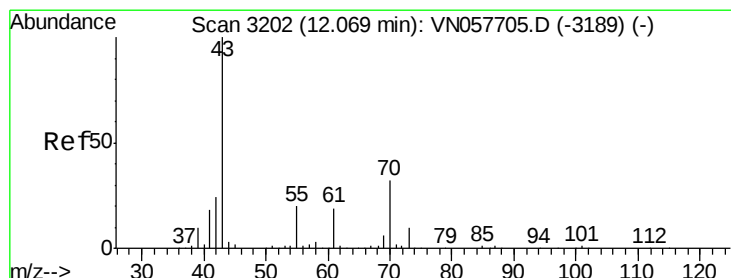
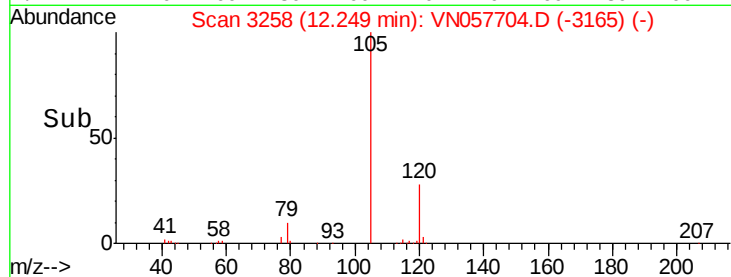
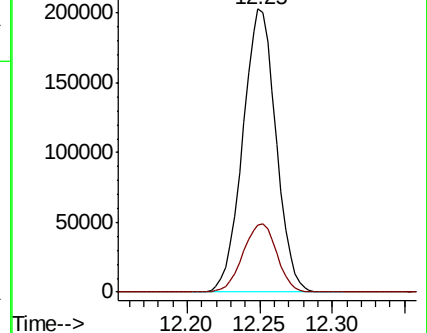
105 100

120 24.6 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.293 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Tgt Ion: 43 Resp: 159686

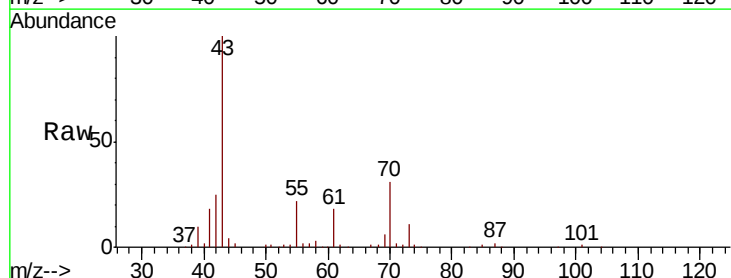
Ion Ratio Lower Upper

43 100

70 32.0 26.1 39.1

55 21.6 16.3 24.5

61 19.4 15.0 22.4

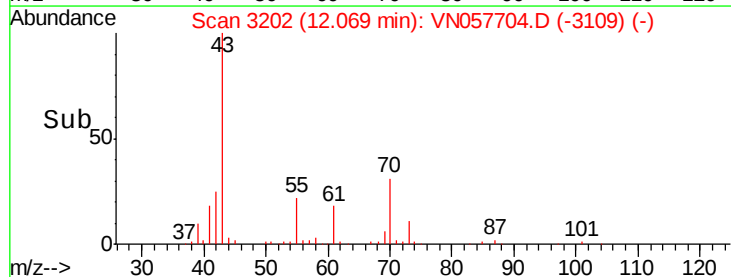
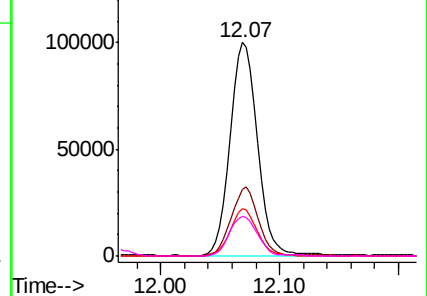


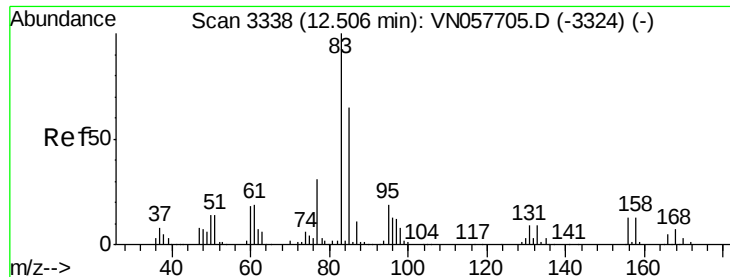
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.376 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

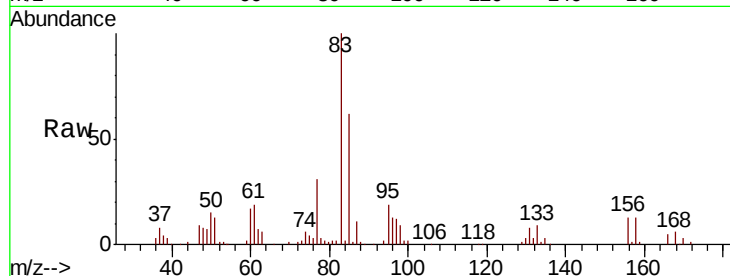
Tgt Ion: 83 Resp: 99223

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

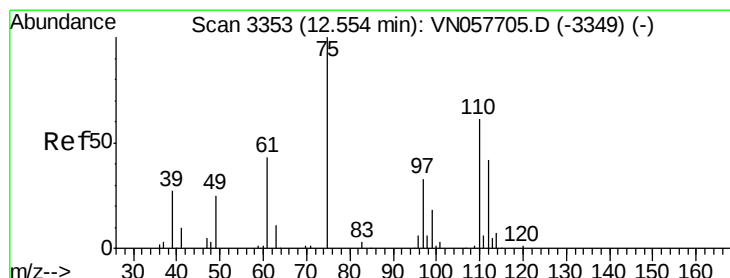
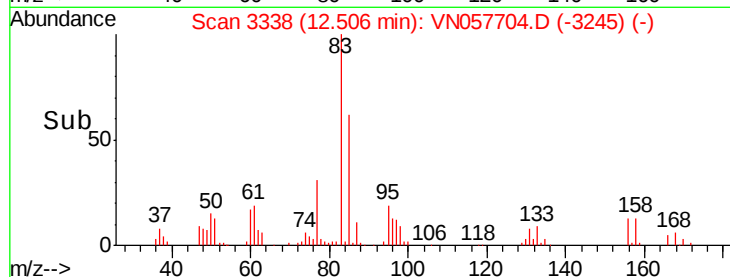
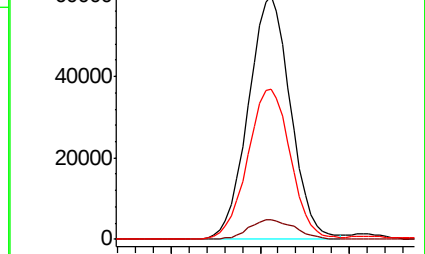
85 62.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN057705.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN057705.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN057705.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 27.273 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057704.D

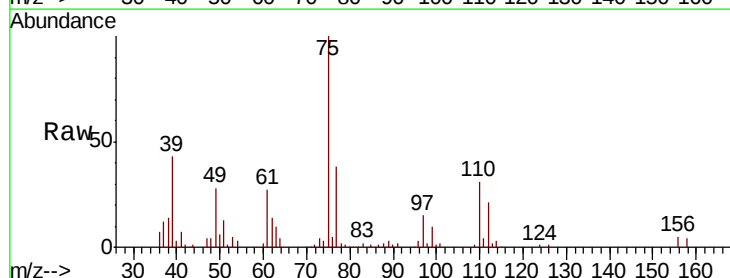
Acq: 5 Sep 2019 18:32

Tgt Ion: 75 Resp: 124395

Ion Ratio Lower Upper

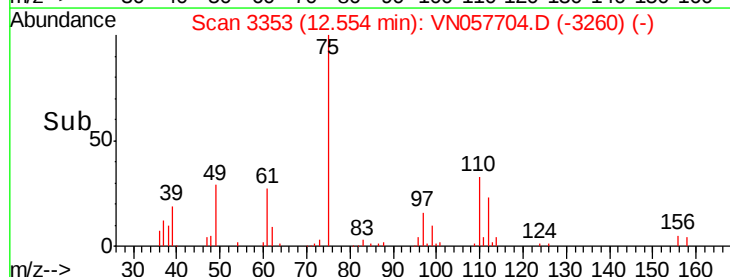
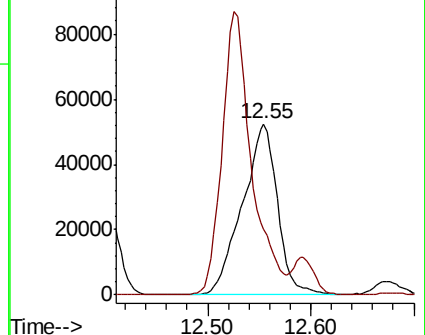
75 100

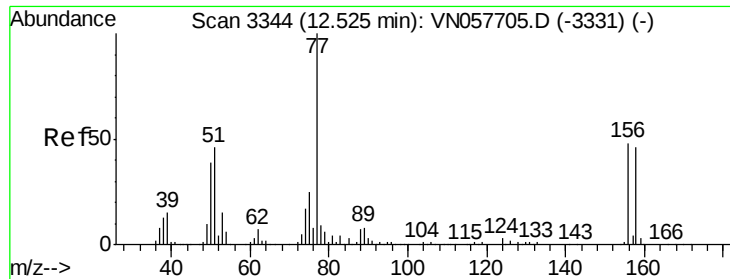
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057705.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057705.D (-3349) (-)





#77

Bromobenzene

Concen: 16.360 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

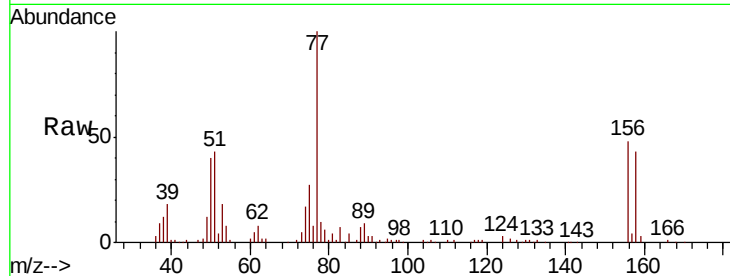
Tgt Ion:156 Resp: 69538

Ion Ratio Lower Upper

156 100

77 248.7 125.4 376.2

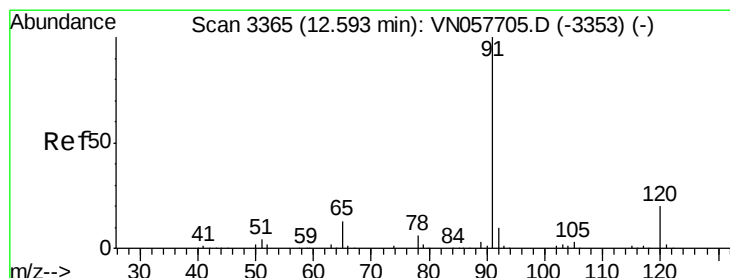
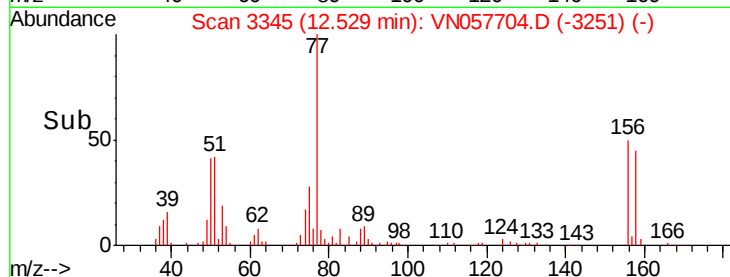
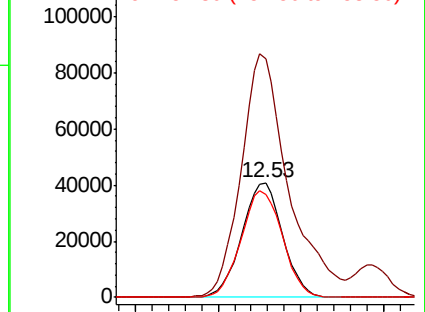
158 94.8 49.3 147.9



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: 17.616 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057704.D

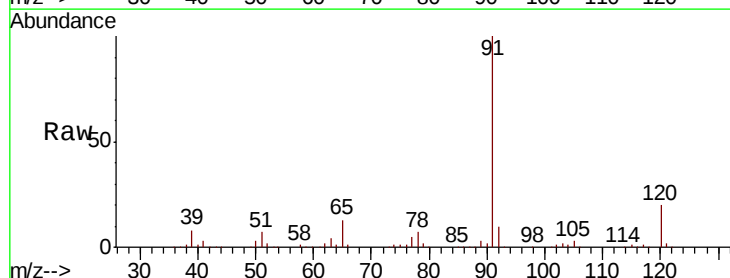
Acq: 5 Sep 2019 18:32

Tgt Ion: 91 Resp: 382792

Ion Ratio Lower Upper

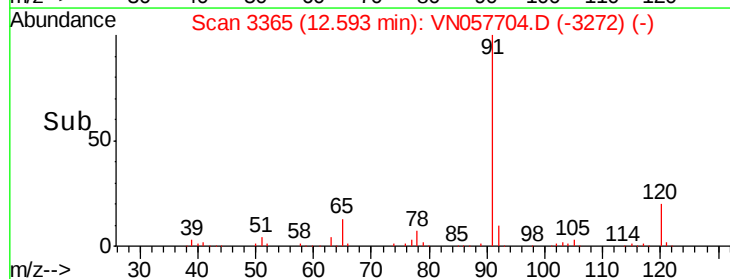
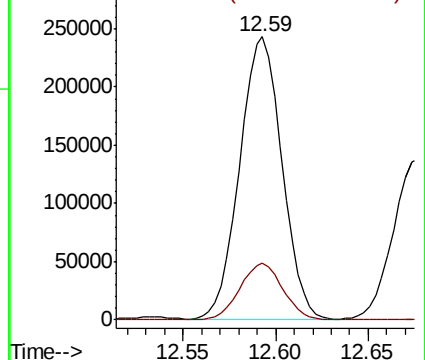
91 100

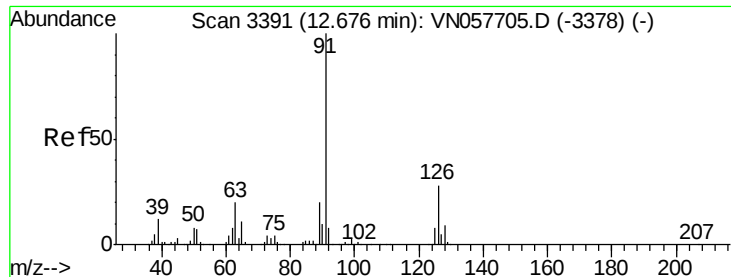
120 20.4 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.079 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampled :

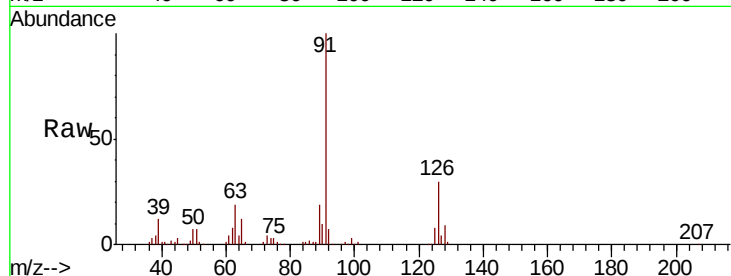
VSTDIC020

Tgt Ion: 91 Resp: 228962

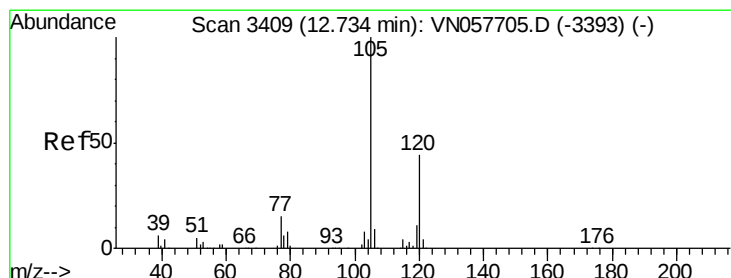
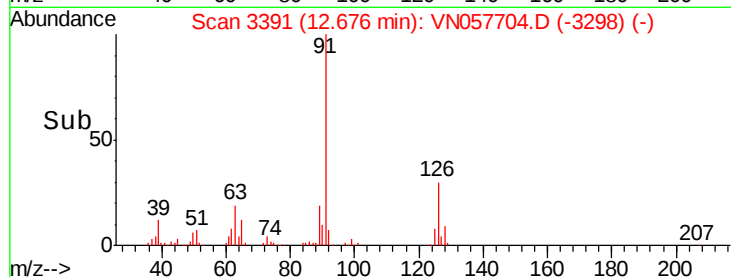
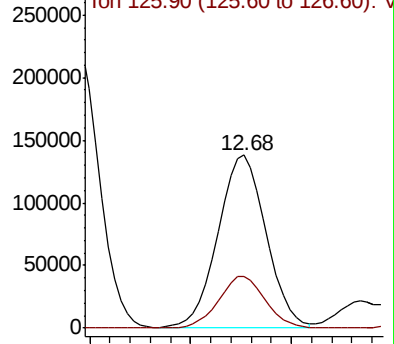
Ion Ratio Lower Upper

91 100

126 29.4 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VN057705.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.913 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057704.D

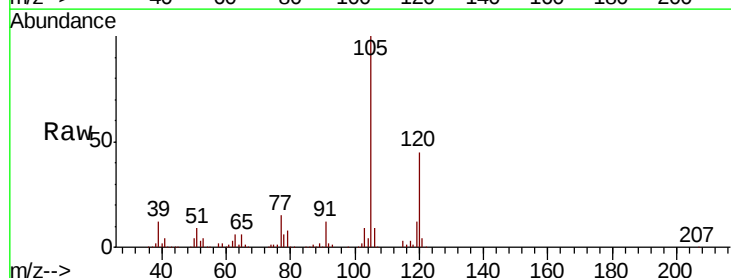
Acq: 5 Sep 2019 18:32

Tgt Ion: 105 Resp: 274212

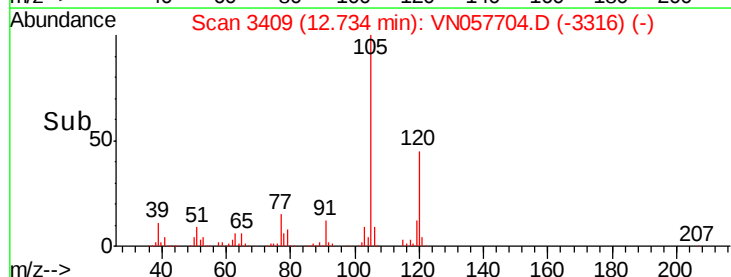
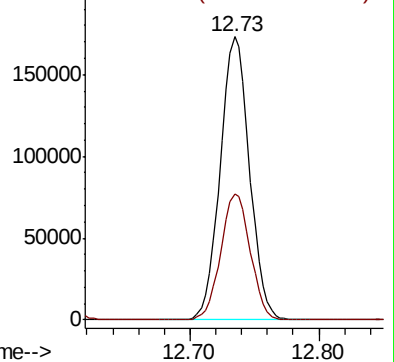
Ion Ratio Lower Upper

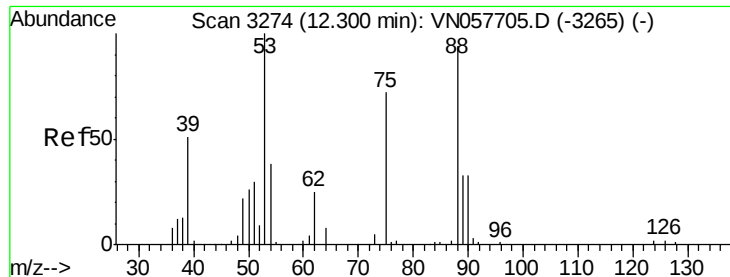
105 100

120 44.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VN057705.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.825 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

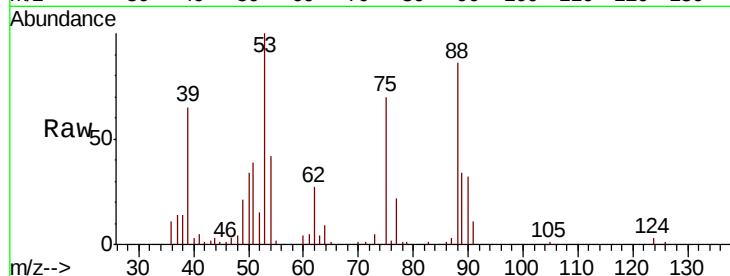
Tgt Ion: 75 Resp: 23866

Ion Ratio Lower Upper

75 100

53 145.4 107.0 160.6

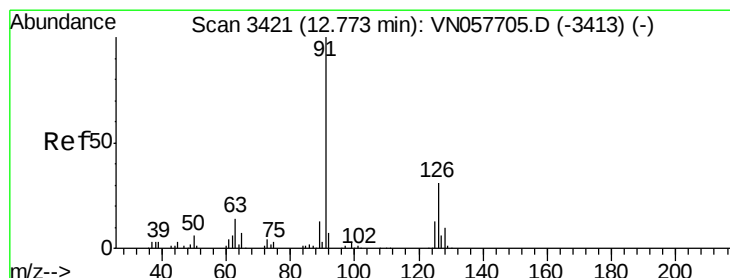
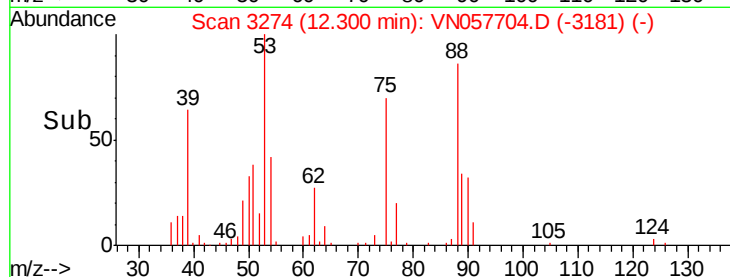
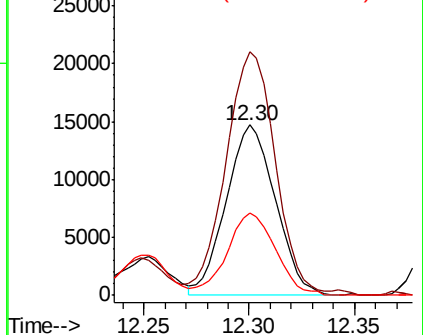
89 47.5 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN057705.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN057705.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN057705.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 18.369 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057704.D

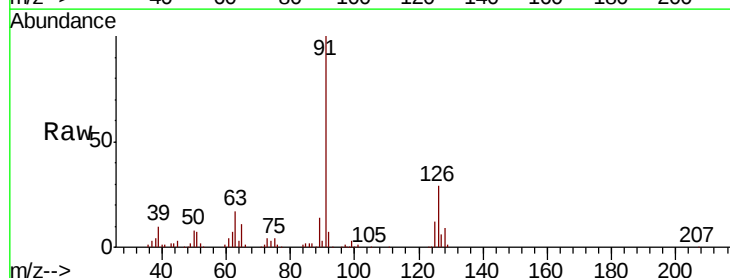
Acq: 5 Sep 2019 18:32

Tgt Ion: 91 Resp: 233280

Ion Ratio Lower Upper

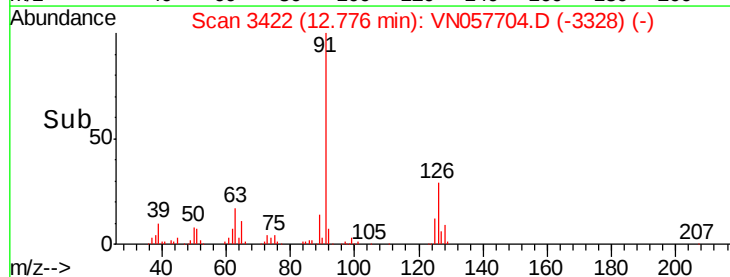
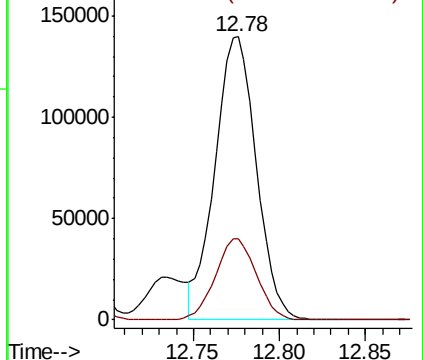
91 100

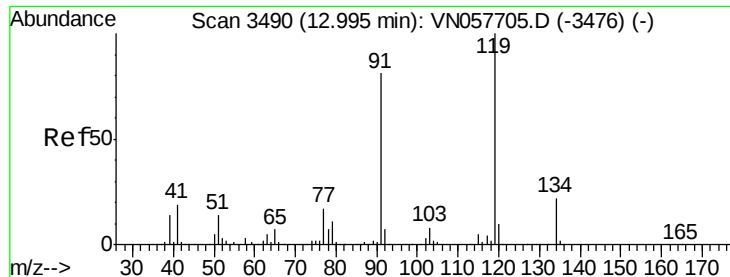
126 28.7 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN057705.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057705.D (-3413) (-)

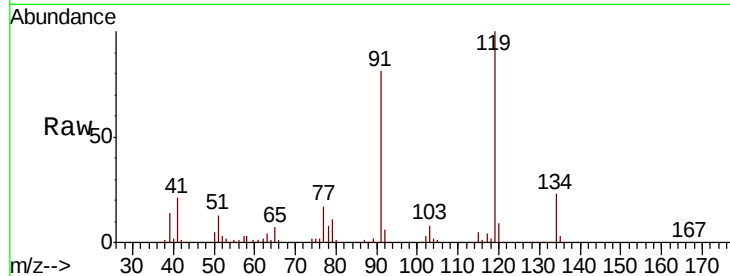




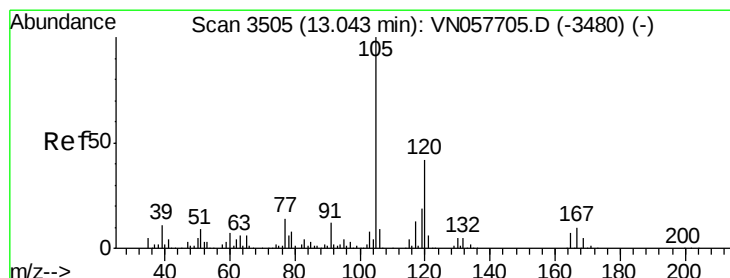
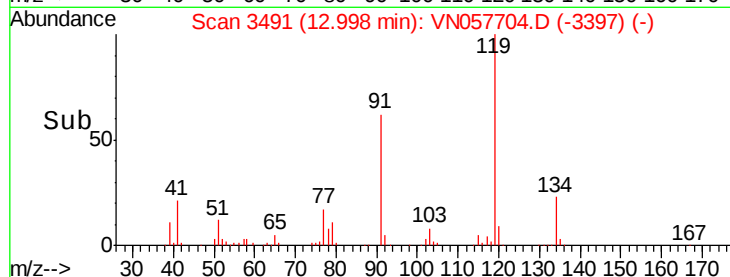
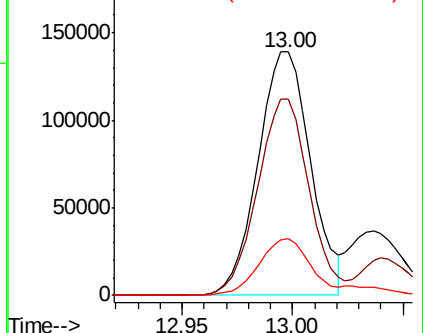
#83
 tert-Butylbenzene
 Concen: 16.074 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 229383
 Ion Ratio Lower Upper
 119 100
 91 79.0 39.6 118.8
 134 22.6 11.3 33.8

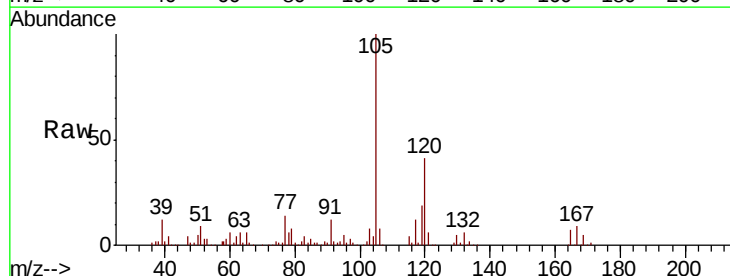


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

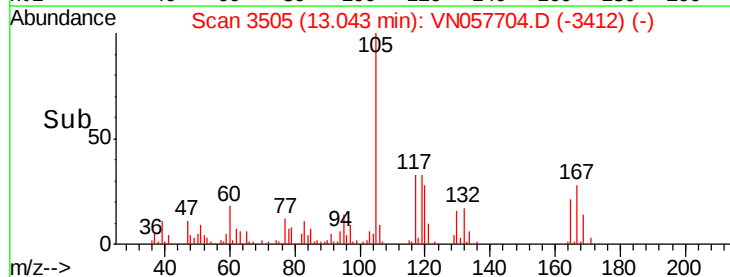
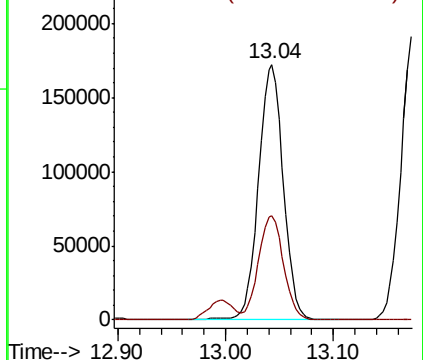


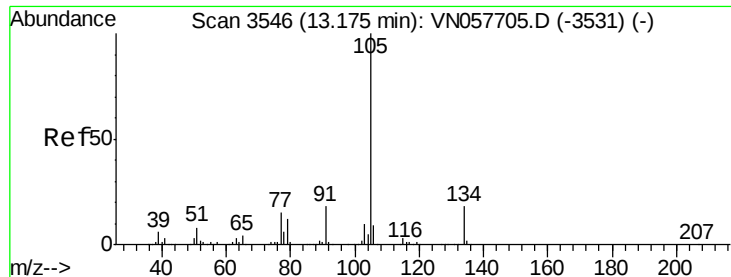
#84
 1,2,4-Trimethylbenzene
 Concen: 18.464 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion:105 Resp: 274131
 Ion Ratio Lower Upper
 105 100
 120 41.2 20.8 62.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

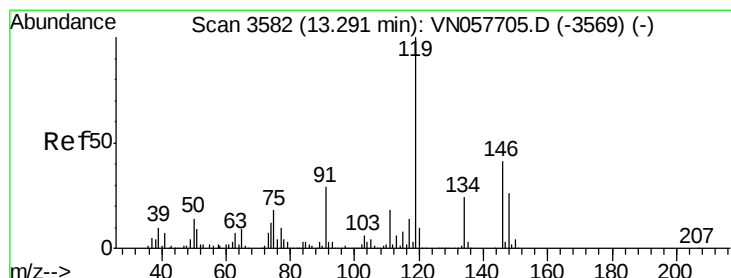
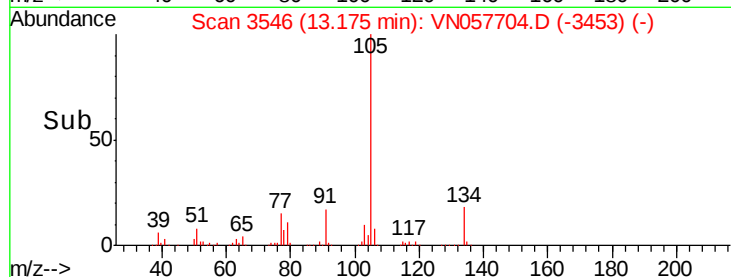
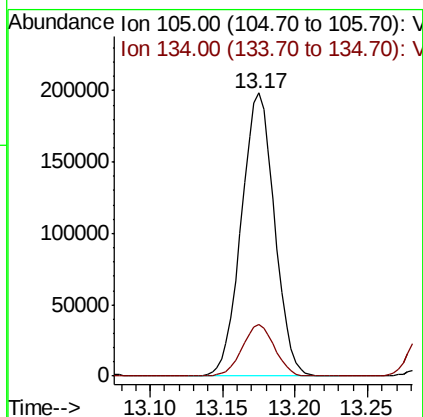
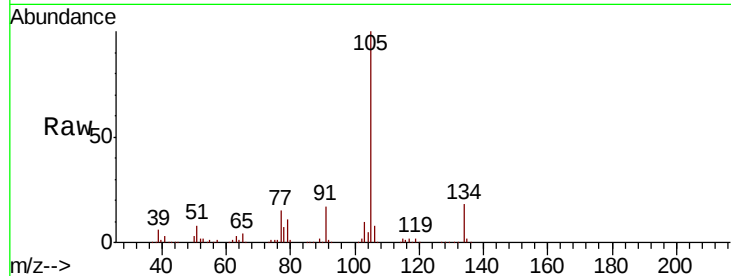




#85
 sec-Butylbenzene
 Concen: 17.578 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

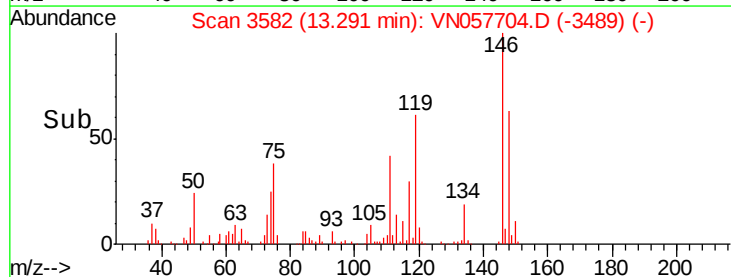
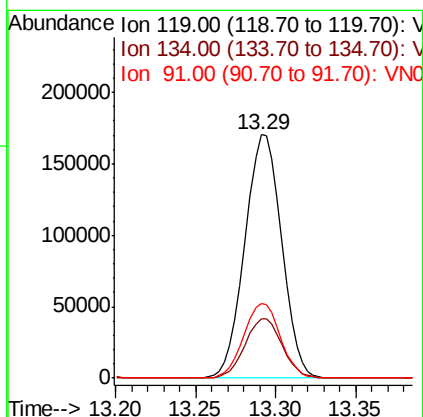
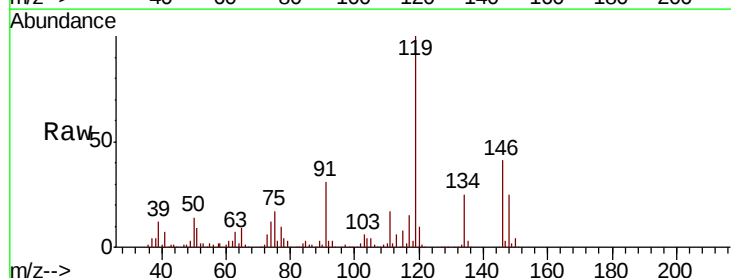
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

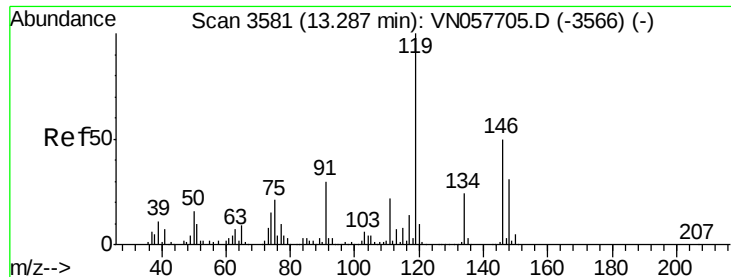
Tgt Ion:105 Resp: 315791
 Ion Ratio Lower Upper
 105 100
 134 17.7 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 18.104 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion:119 Resp: 268234
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 30.4 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 21.771 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

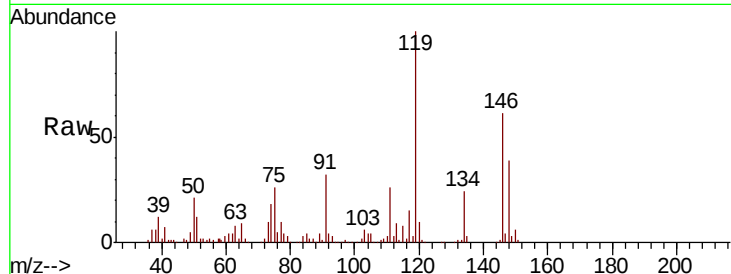
Tgt Ion:146 Resp: 127372

Ion Ratio Lower Upper

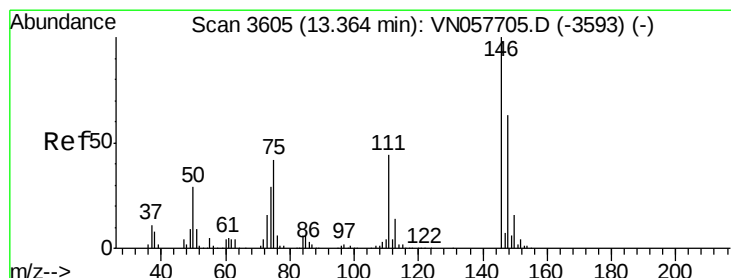
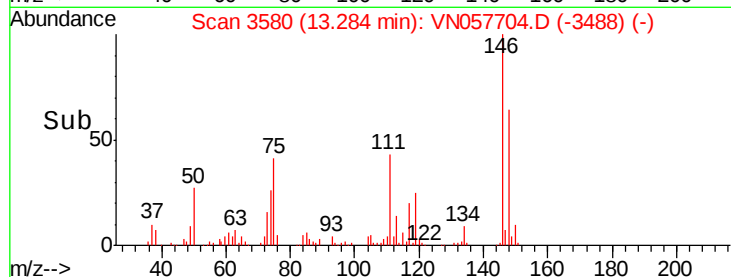
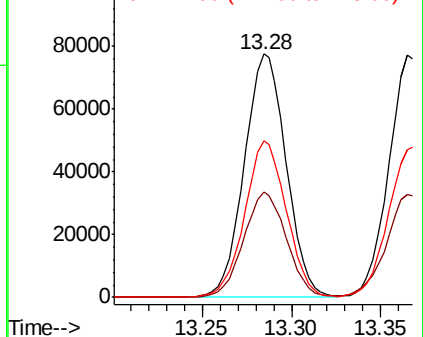
146 100

111 44.1 22.3 66.8

148 64.1 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.061 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

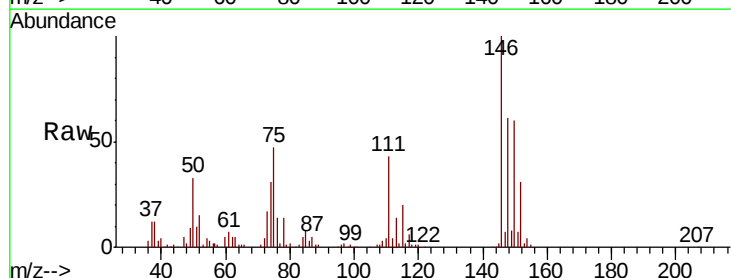
Tgt Ion:146 Resp: 125474

Ion Ratio Lower Upper

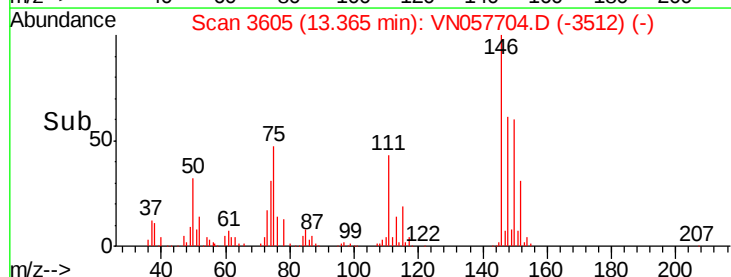
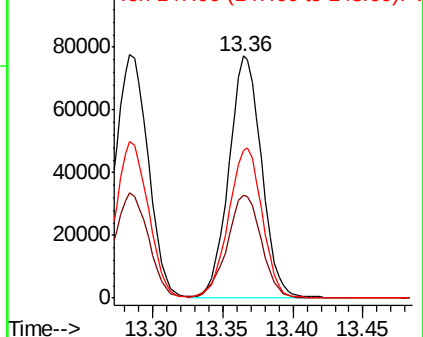
146 100

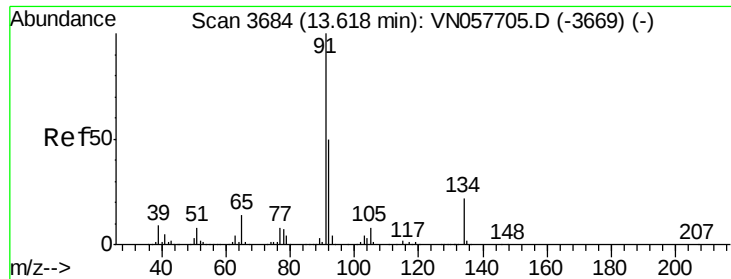
111 44.7 22.3 66.9

148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.011 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057704.D

Acq: 5 Sep 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

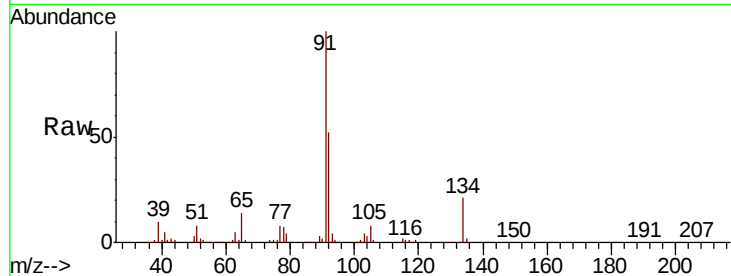
Tgt Ion: 91 Resp: 258969

Ion Ratio Lower Upper

91 100

92 51.5 25.6 76.8

134 21.2 11.2 33.5

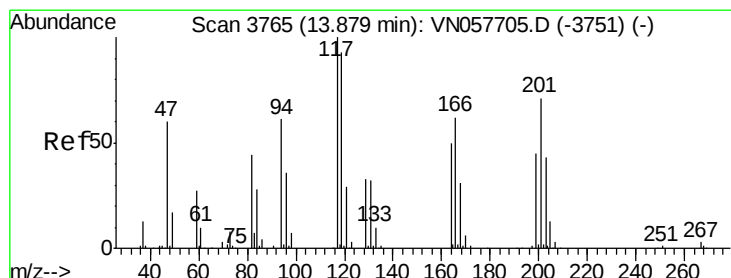
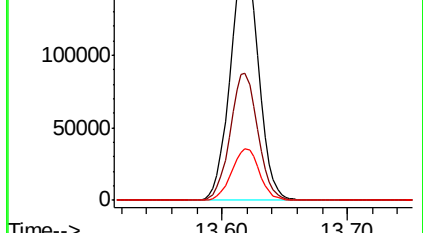
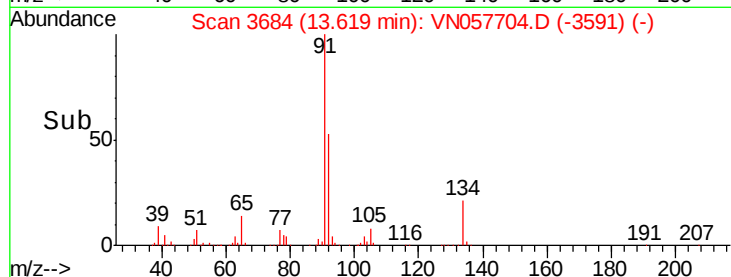


Abundance Ion 91.00 (90.70 to 91.70): VN057705.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057705.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057705.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 14.988 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057704.D

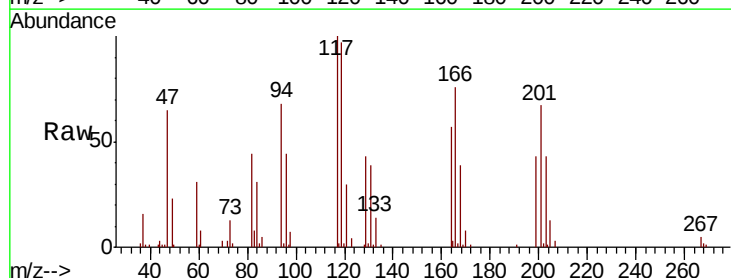
Acq: 5 Sep 2019 18:32

Tgt Ion: 117 Resp: 39515

Ion Ratio Lower Upper

117 100

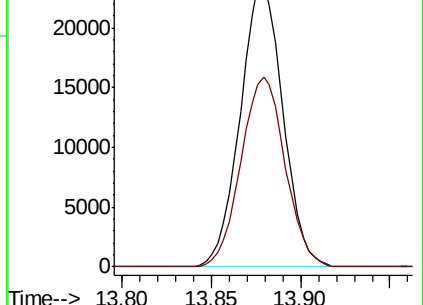
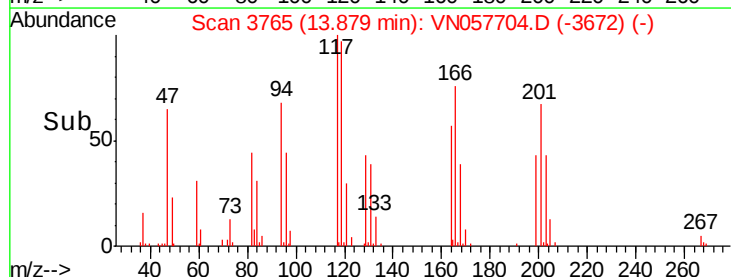
201 69.3 36.4 109.2

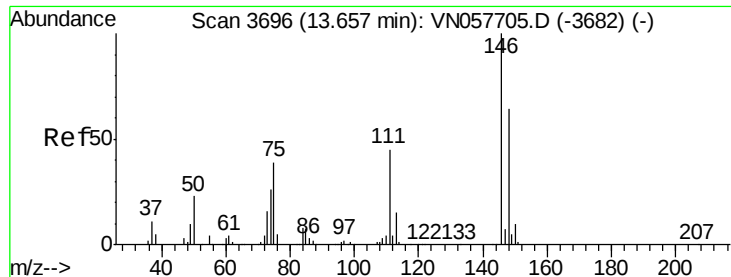


Abundance Ion 116.80 (116.50 to 117.50): VN057705.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057705.D (-3751) (-)

Time-->

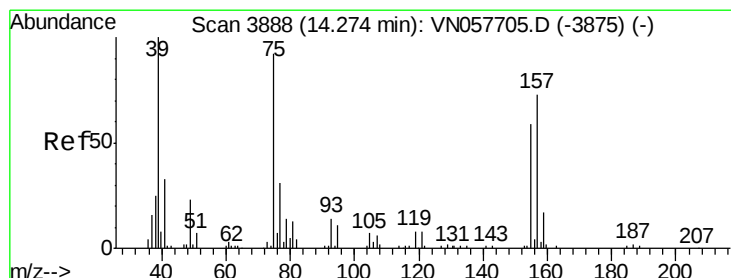
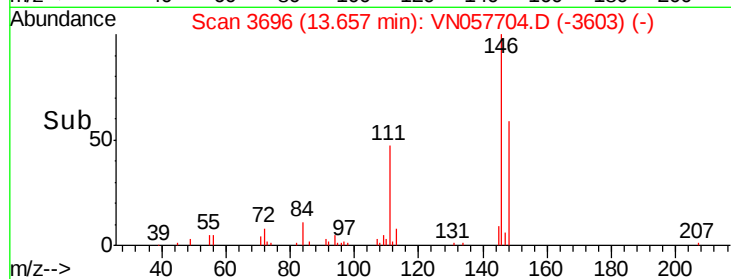
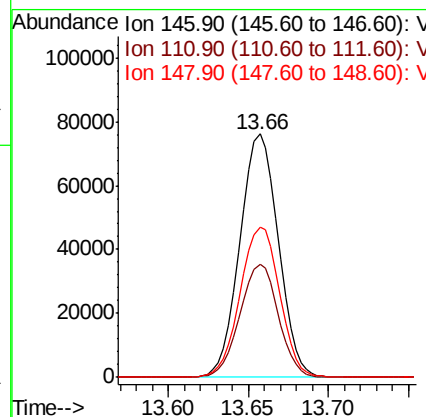
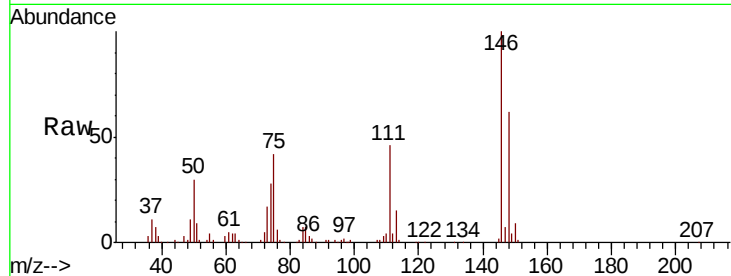




#91
 1,2-Dichlorobenzene
 Concen: 22.443 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

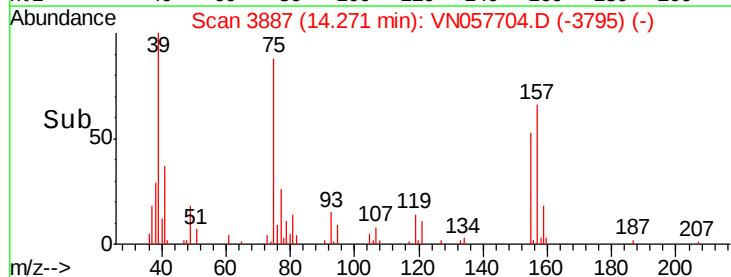
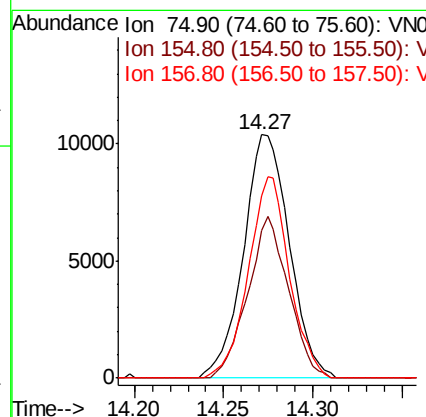
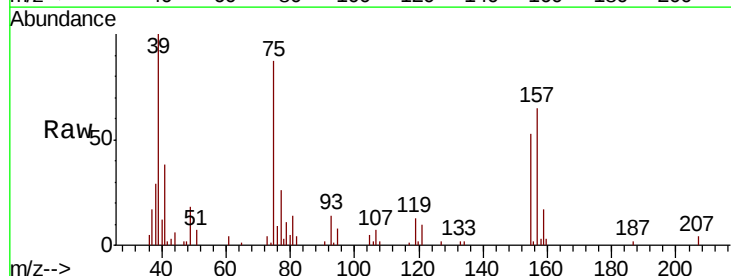
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

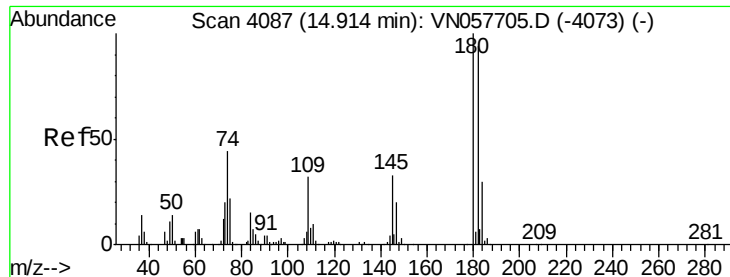
Tgt Ion:146 Resp: 124822
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.8 68.3
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.493 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion: 75 Resp: 18700
 Ion Ratio Lower Upper
 75 100
 155 59.1 30.1 90.5
 157 74.1 38.1 114.5

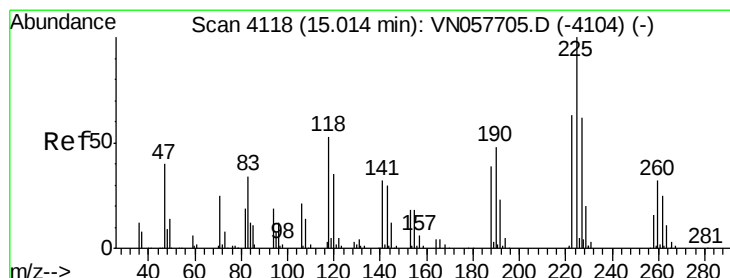
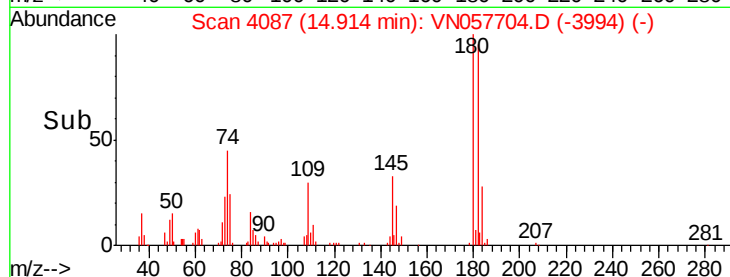
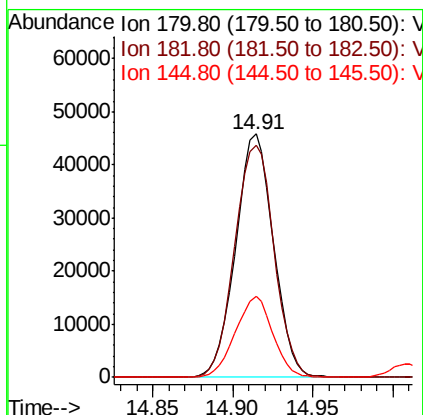
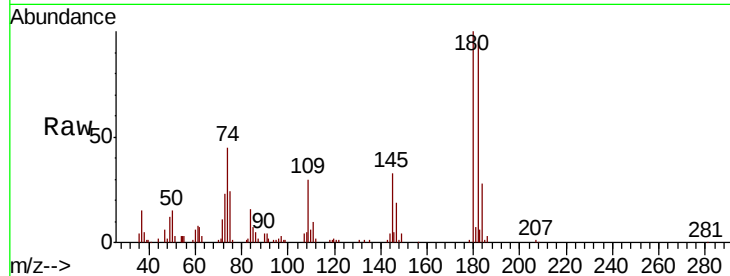




#93
 1,2,4-Trichlorobenzene
 Concen: 36.142 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

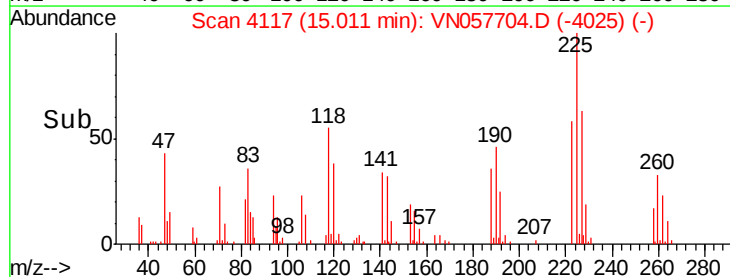
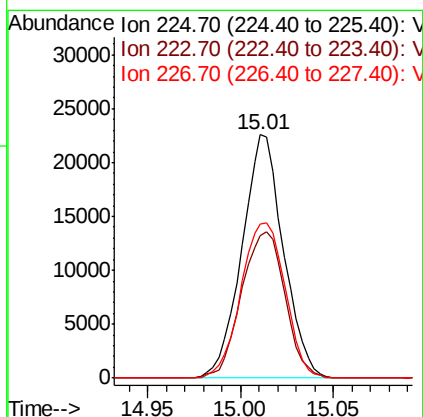
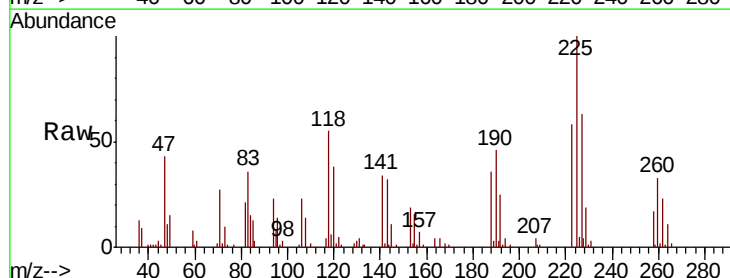
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

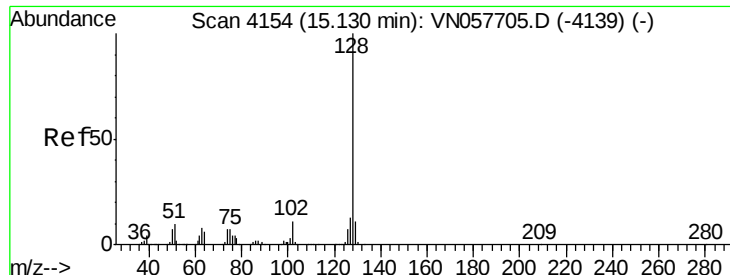
Tgt Ion:180 Resp: 73574
 Ion Ratio Lower Upper
 180 100
 182 99.3 47.6 142.9
 145 32.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 15.544 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057704.D
 Acq: 5 Sep 2019 18:32

Tgt Ion:225 Resp: 34997
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 67.7 31.7 95.1

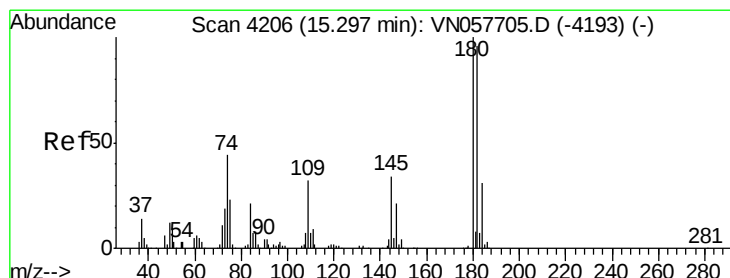
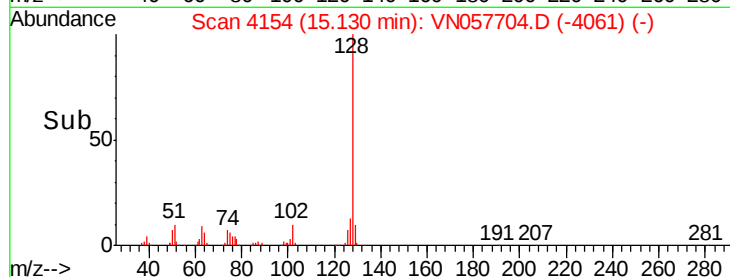
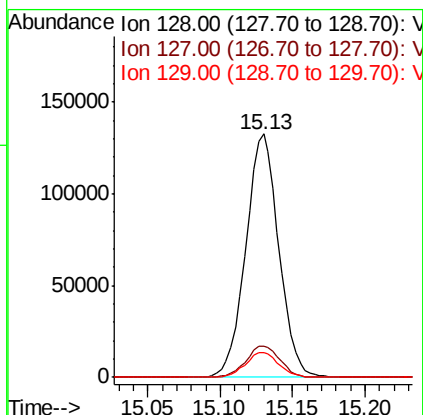
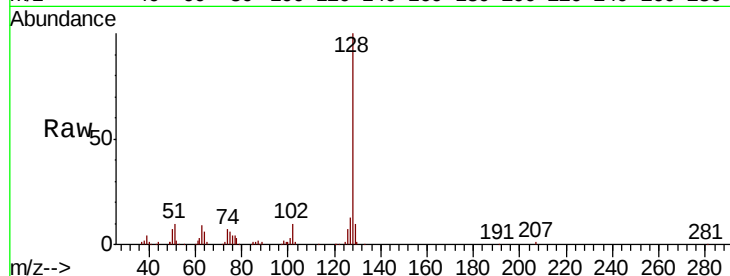




#95
Naphthalene
Concen: 39.311 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 209971
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 37.536 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057704.D
Acq: 5 Sep 2019 18:32

Tgt Ion:180 Resp: 71360
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.2
145 34.8 17.5 52.6

