

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
 Data File : VN055385.D
 Acq On : 3 May 2019 13:17
 Operator : JC/SP
 Sample : VN0503MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

Quant Time: May 03 23:20:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	402974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	657544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	265474	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	212453	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.09	98	763319	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	247649	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	93199	18.877	ug/l	96
3) Chloromethane	2.06	50	109686	17.941	ug/l	99
4) Vinyl Chloride	2.19	62	91365	18.540	ug/l	96
5) Bromomethane	2.57	94	51871	19.871	ug/l	92
6) Chloroethane	2.71	64	53816	20.158	ug/l	99
7) Trichlorofluoromethane	3.02	101	135889	19.392	ug/l	99
8) Diethyl Ether	3.41	74	50942	20.778	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	80423	19.273	ug/l	100
10) Methyl Iodide	3.96	142	110351	18.791	ug/l	98
11) Tert butyl alcohol	4.80	59	28547	94.581	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	77036	19.352	ug/l	94
13) Acrolein	3.62	56	12152	51.554	ug/l	94
14) Allyl chloride	4.33	41	164623	19.968	ug/l	98
15) Acrylonitrile	4.99	53	167322	98.626	ug/l	99
16) Acetone	3.82	43	136649	83.189	ug/l	99
17) Carbon Disulfide	4.06	76	172065	16.563	ug/l	98
18) Methyl Acetate	4.33	43	86443	21.002	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	235916	21.081	ug/l	97
20) Methylene Chloride	4.55	84	91675	18.284	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	81971	19.443	ug/l	97
22) Diisopropyl ether	5.96	45	345874	21.114	ug/l	98
23) Vinyl Acetate	5.90	43	1101602	102.608	ug/l	100
24) 1,1-Dichloroethane	5.85	63	178497	20.451	ug/l	98
25) 2-Butanone	6.84	43	202754	96.517	ug/l	99
26) 2,2-Dichloropropane	6.83	77	116630	19.351	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	99849	20.827	ug/l	99
28) Bromochloromethane	7.20	49	88643	20.149	ug/l	98
29) Tetrahydrofuran	7.22	42	138090	102.658	ug/l	98
30) Chloroform	7.37	83	164718	19.909	ug/l	98
31) Cyclohexane	7.66	56	160724	19.382	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	132211	19.689	ug/l	99
36) 1,1-Dichloropropene	7.79	75	116677	18.525	ug/l	100
37) Ethyl Acetate	6.94	43	92884	19.242	ug/l	99
38) Carbon Tetrachloride	7.78	117	110513	18.190	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
 Data File : VN055385.D
 Acq On : 3 May 2019 13:17
 Operator : JC/SP
 Sample : VN0503MBSD01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

Quant Time: May 03 23:20:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124462	18.586	ug/l	99
40) Benzene	8.04	78	360669	19.425	ug/l	98
41) Methacrylonitrile	7.18	41	55847	21.801	ug/l	92
42) 1,2-Dichloroethane	8.13	62	126797	19.282	ug/l	100
43) Isopropyl Acetate	8.17	43	153560	19.795	ug/l #	90
44) Trichloroethene	8.84	130	92633	19.571	ug/l	98
45) 1,2-Dichloropropane	9.12	63	105814	19.760	ug/l	98
46) Dibromomethane	9.21	93	56793	19.403	ug/l	98
47) Bromodichloromethane	9.40	83	121081	19.282	ug/l	96
48) Methyl methacrylate	9.20	41	74908	19.643	ug/l	97
49) 1,4-Dioxane	9.20	88	14850	376.693	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	419691	96.093	ug/l	100
52) Toluene	10.16	92	206067	19.343	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	104190	19.113	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	133947	19.708	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	80113	20.251	ug/l	96
56) Ethyl methacrylate	10.43	69	96785	19.877	ug/l	98
57) 1,3-Dichloropropane	10.71	76	137241	19.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	98401	74.291	ug/l	99
59) 2-Hexanone	10.75	43	251615	92.075	ug/l	100
60) Dibromochloromethane	10.90	129	79034	19.548	ug/l	98
61) 1,2-Dibromoethane	11.00	107	71281	19.495	ug/l	99
64) Tetrachloroethene	10.63	164	92143	20.566	ug/l	98
65) Chlorobenzene	11.43	112	212260	19.816	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	81401	19.408	ug/l	99
67) Ethyl Benzene	11.51	91	392546	20.294	ug/l	100
68) m/p-Xylenes	11.62	106	282491	40.916	ug/l	99
69) o-Xylene	11.95	106	140355	20.510	ug/l	100
70) Styrene	11.96	104	221515	21.082	ug/l	99
71) Bromoform	12.13	173	44483	19.113	ug/l #	99
73) Isopropylbenzene	12.25	105	382136	21.629	ug/l	100
74) N-amyl acetate	12.07	43	111093	21.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	90024	20.269	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	105585	26.523	ug/l #	100
77) Bromobenzene	12.53	156	85110	20.457	ug/l	97
78) n-propylbenzene	12.59	91	415333	19.720	ug/l	99
79) 2-Chlorotoluene	12.67	91	254762	21.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	308178	19.172	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19101	17.654	ug/l #	83
82) 4-Chlorotoluene	12.77	91	233723	19.086	ug/l	99
83) tert-Butylbenzene	12.99	119	267230	21.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	302635	21.052	ug/l	99
85) sec-Butylbenzene	13.17	105	347613	19.897	ug/l	100
86) p-Isopropyltoluene	13.29	119	287016	19.988	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	132384	19.295	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	124584	19.282	ug/l	98
89) n-Butylbenzene	13.61	91	209408	20.523	ug/l	99
90) Hexachloroethane	13.87	117	46544	19.510	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	135142	19.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11031	20.450	ug/l	97

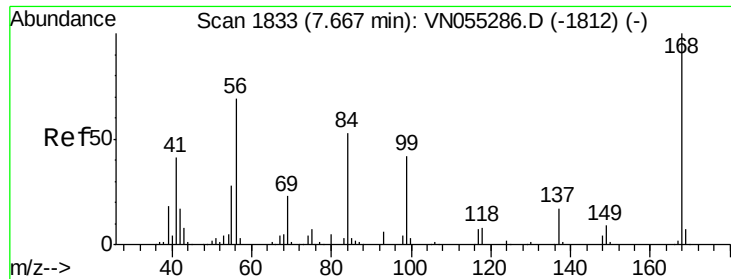
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Data File : VN055385.D
Acq On : 3 May 2019 13:17
Operator : JC/SP
Sample : VN0503MBSD01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

Quant Time: May 03 23:20:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	40916	17.563	ug/l	95
94) Hexachlorobutadiene	15.01	225	50729	23.297	ug/l	98
95) Naphthalene	15.13	128	83857	17.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46143	19.177	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

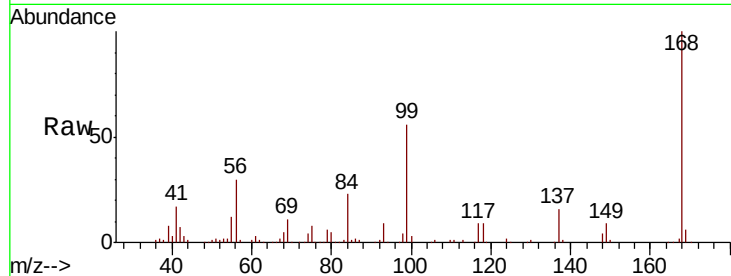
VN0503MBSD01

Tot Ion:168 Resp: 402974

Ion Ratio Lower Upper

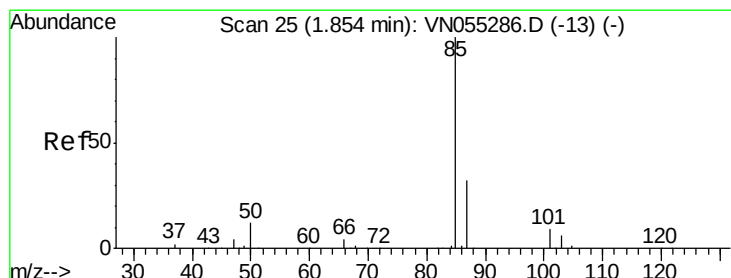
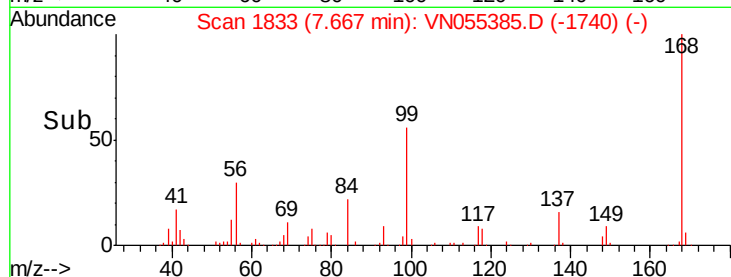
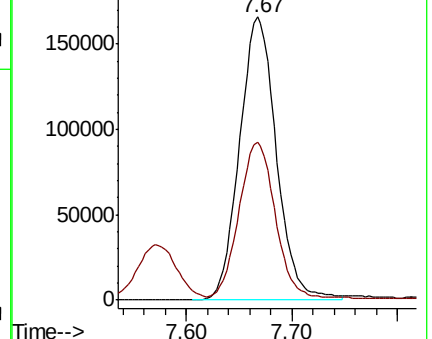
168 100

99 54.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.877 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055385.D

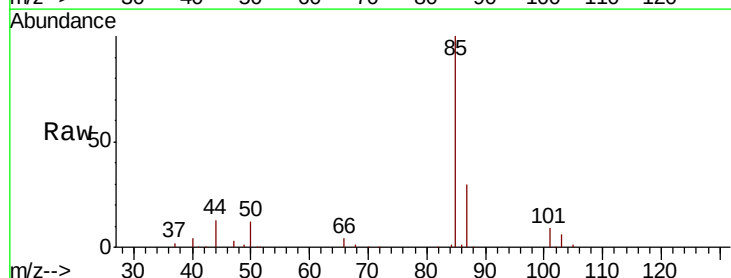
Acq: 3 May 2019 13:17

Tgt Ion: 85 Resp: 93199

Ion Ratio Lower Upper

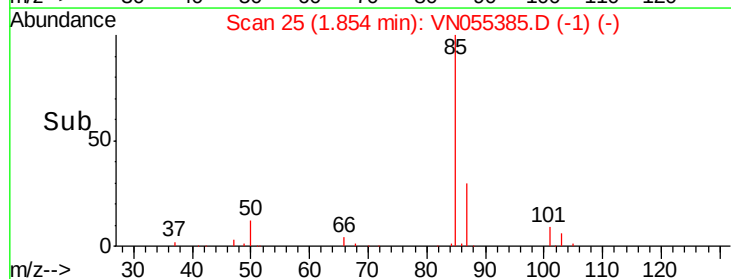
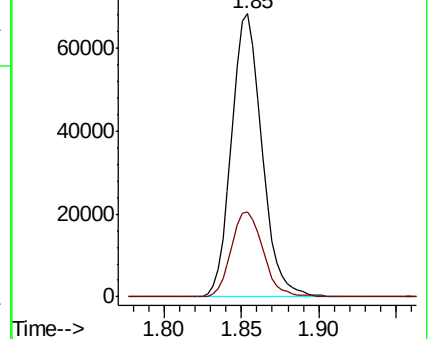
85 100

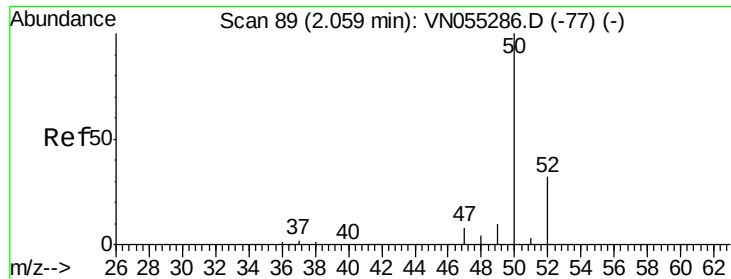
87 30.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.941 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

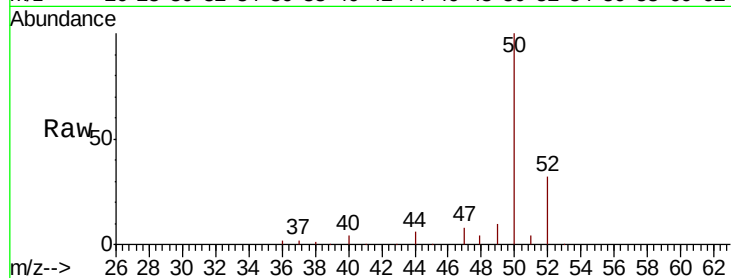
VN0503MBSD01

Tot Ion: 50 Resp: 109686

Ion Ratio Lower Upper

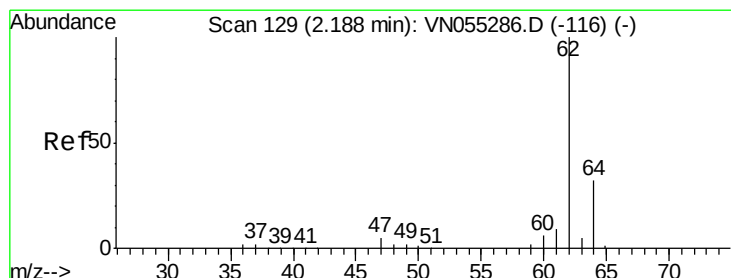
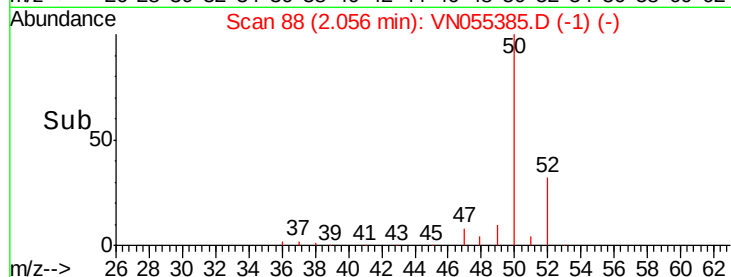
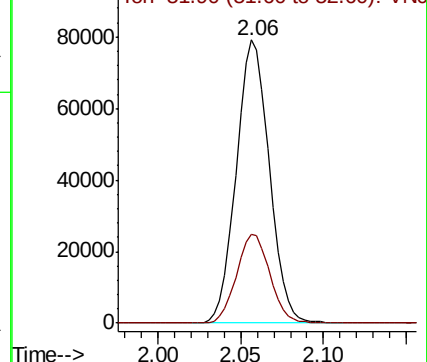
50 100

52 31.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.540 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055385.D

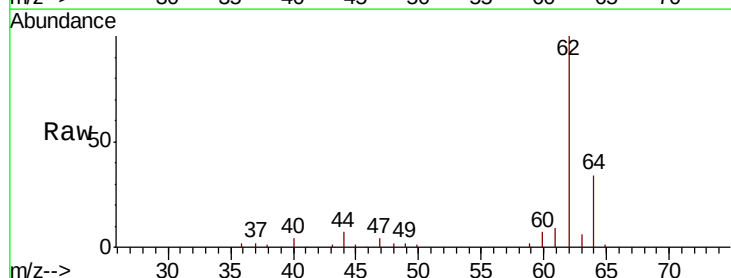
Acq: 3 May 2019 13:17

Tgt Ion: 62 Resp: 91365

Ion Ratio Lower Upper

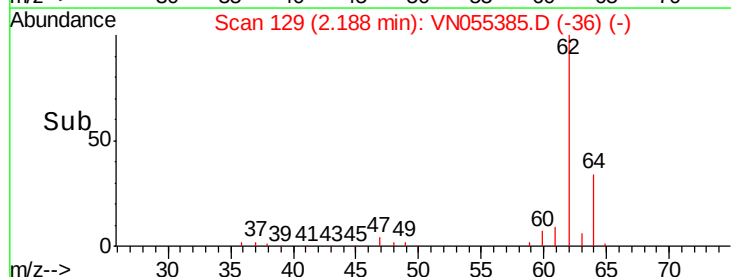
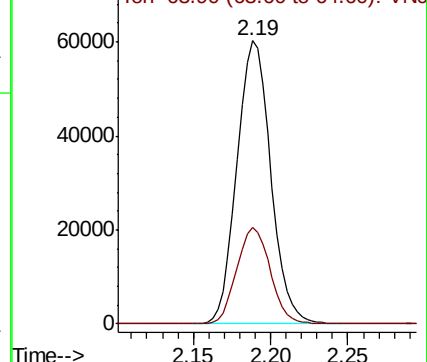
62 100

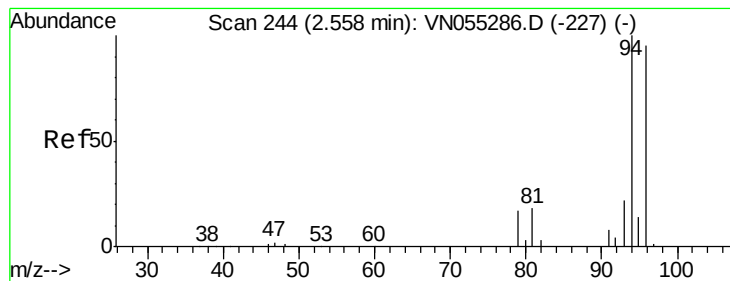
64 34.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.871 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.02 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

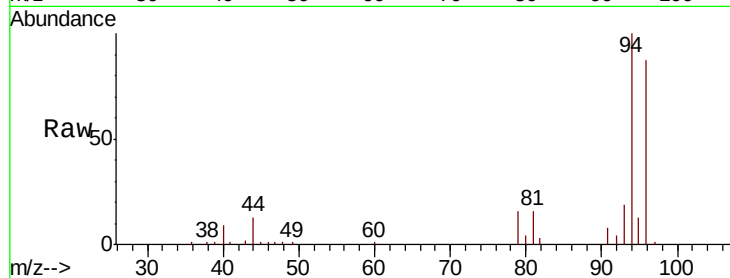
VN0503MBSD01

Tot Ion: 94 Resp: 51871

Ion Ratio Lower Upper

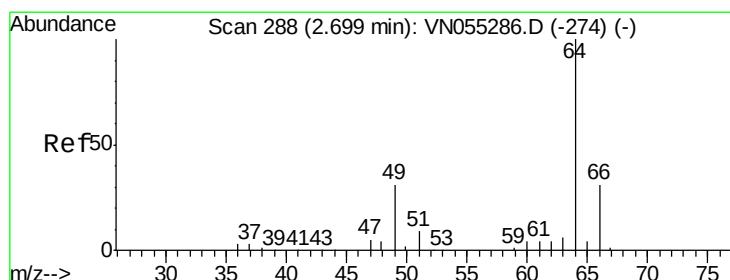
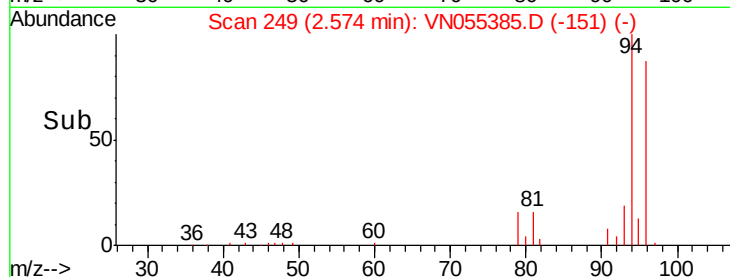
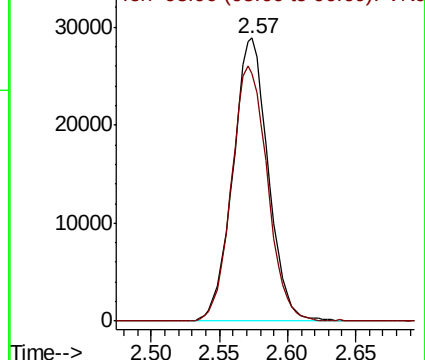
94 100

96 87.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.158 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN055385.D

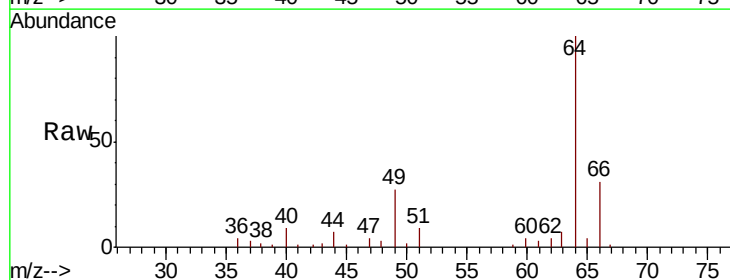
Acq: 3 May 2019 13:17

Tgt Ion: 64 Resp: 53816

Ion Ratio Lower Upper

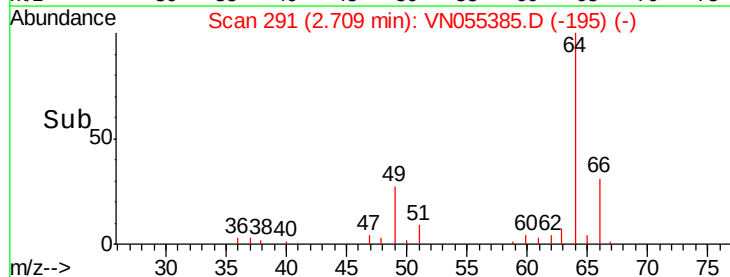
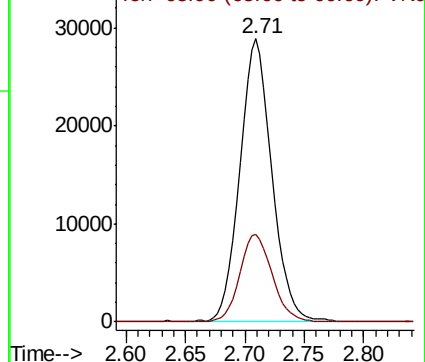
64 100

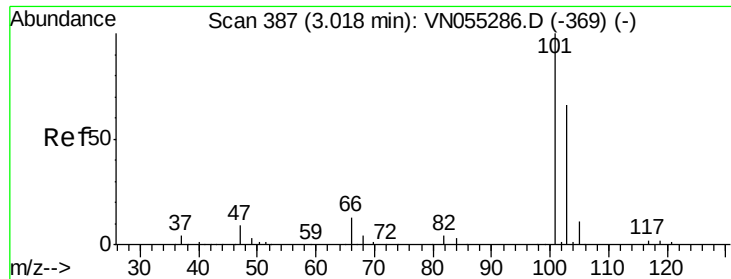
66 30.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



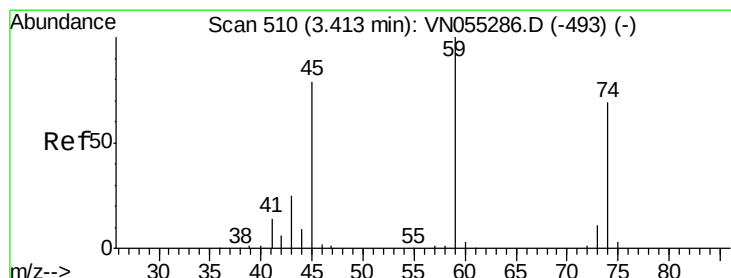
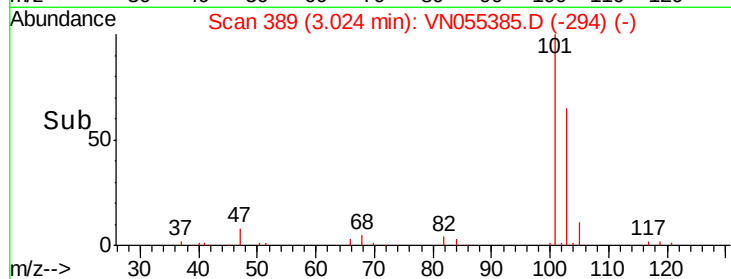
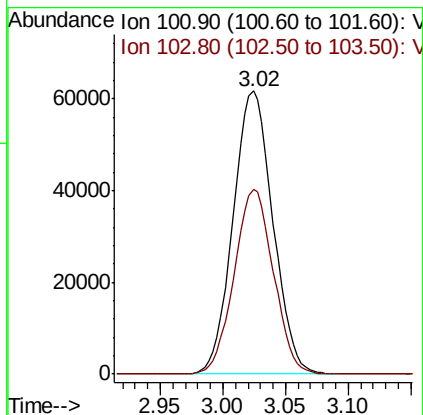
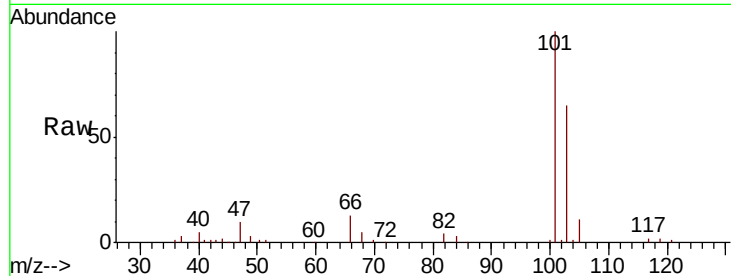


#7

Trichlorofluoromethane
 Concen: 19.392 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

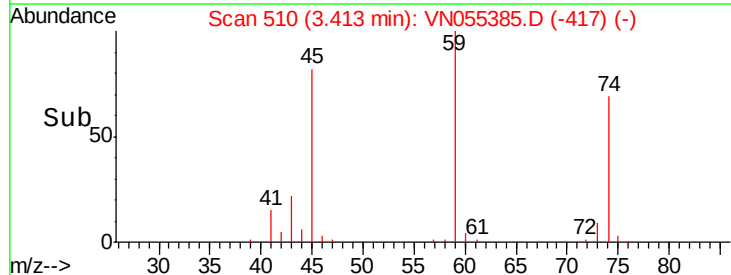
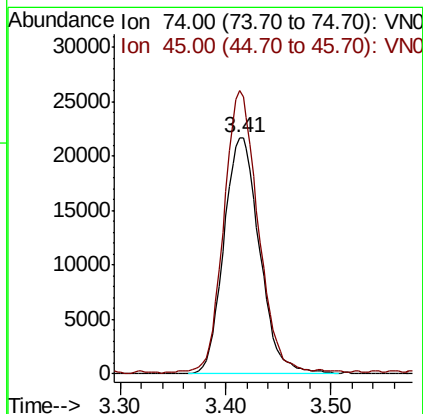
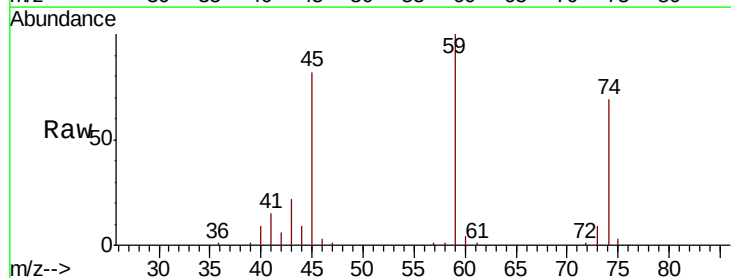
Tot Ion:101 Resp: 135889
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.6 79.0

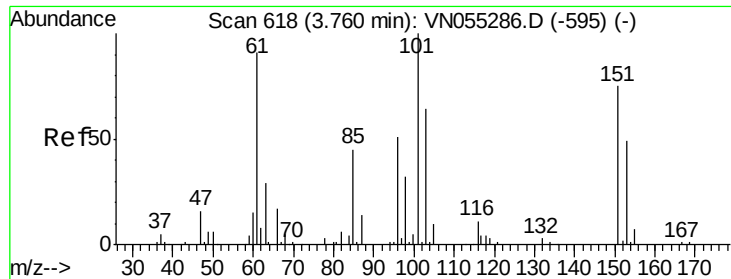


#8

Diethyl Ether
 Concen: 20.778 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 74 Resp: 50942
 Ion Ratio Lower Upper
 74 100
 45 116.0 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.273 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.01 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0503MBSD01

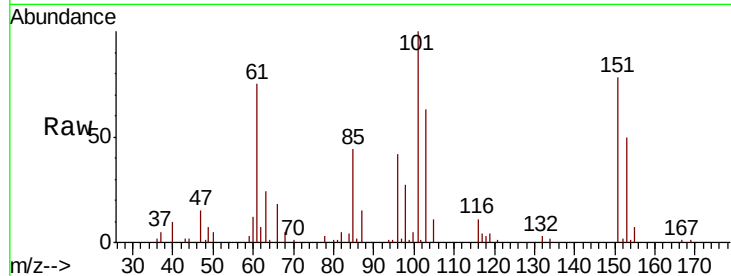
Tot Ion:101 Resp: 80423

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

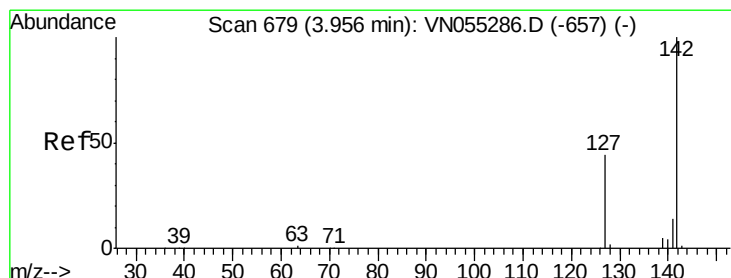
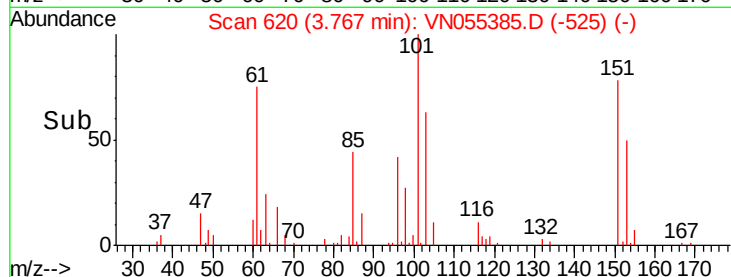
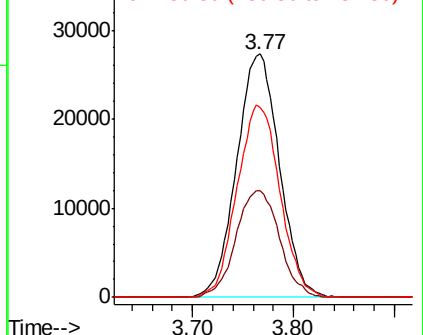
151 79.2 63.3 94.9



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: 18.791 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

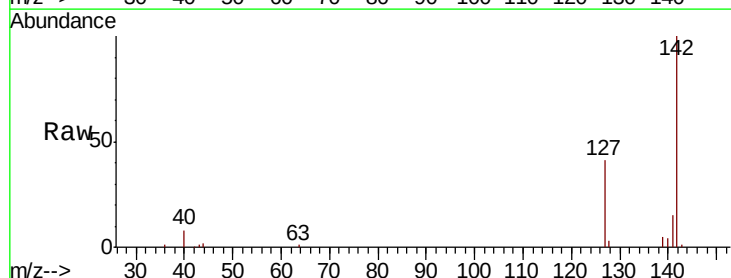
Tgt Ion:142 Resp: 110351

Ion Ratio Lower Upper

142 100

127 41.7 34.4 51.6

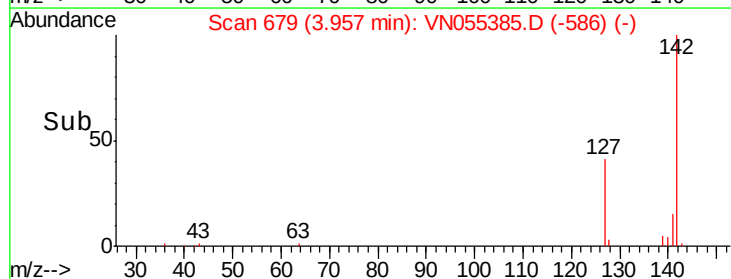
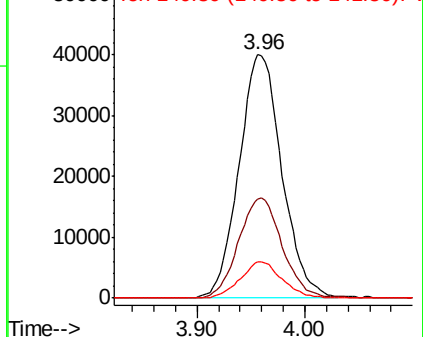
141 14.5 11.5 17.3

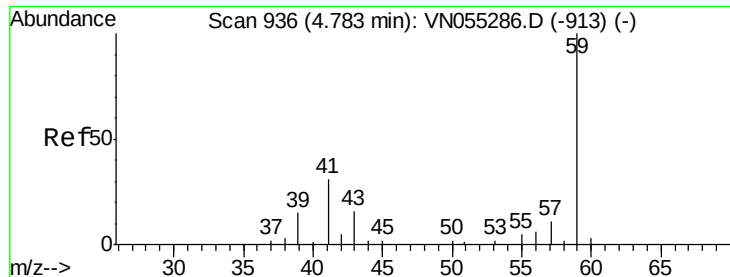


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

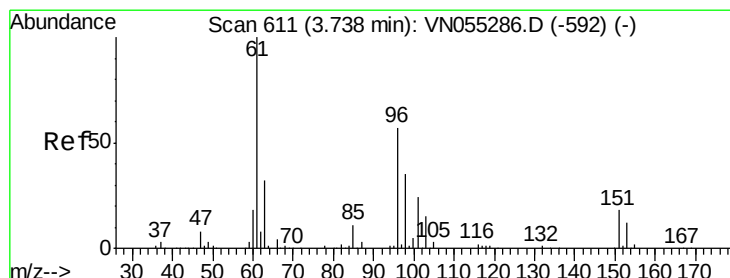
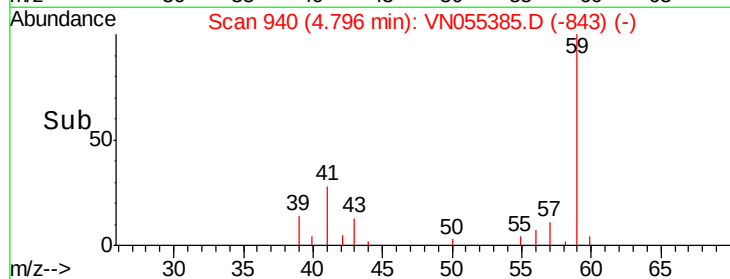
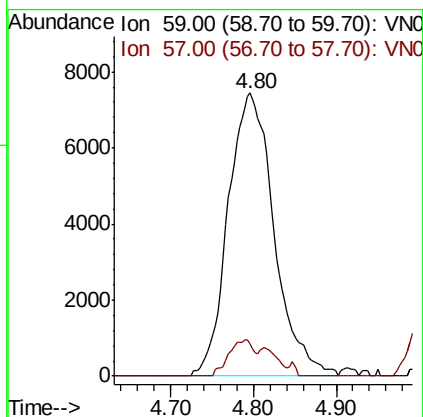
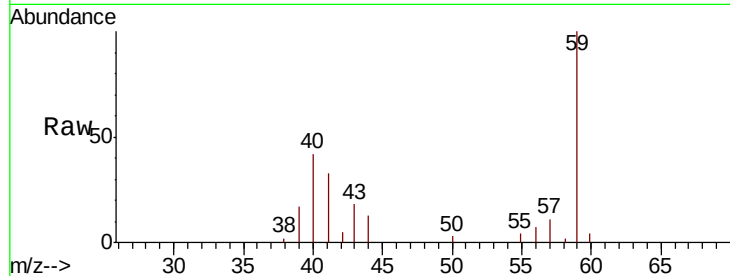




#11
Tert butyl alcohol
Concen: 94.581 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

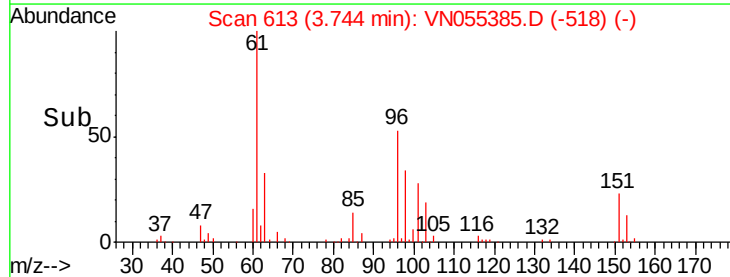
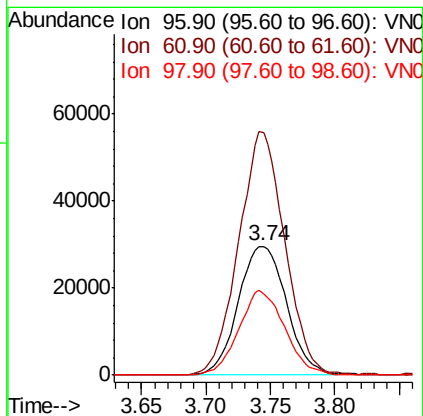
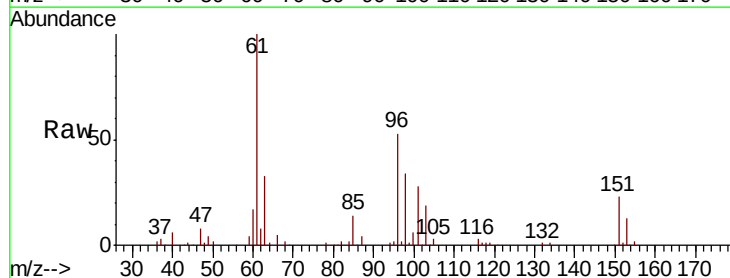
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

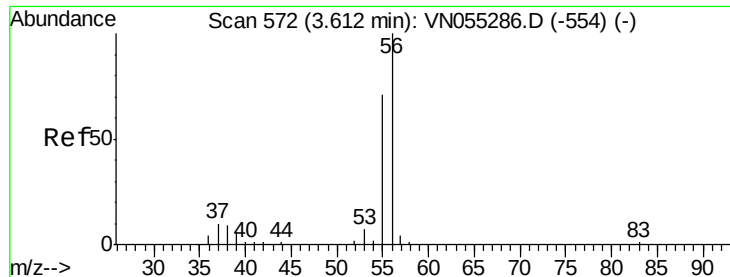
Tot Ion: 59 Resp: 28547
Ion Ratio Lower Upper
59 100
57 7.2 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.352 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 96 Resp: 77036
Ion Ratio Lower Upper
96 100
61 187.7 140.9 211.3
98 63.5 50.0 75.0





#13

Acrolein

Concen: 51.554 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

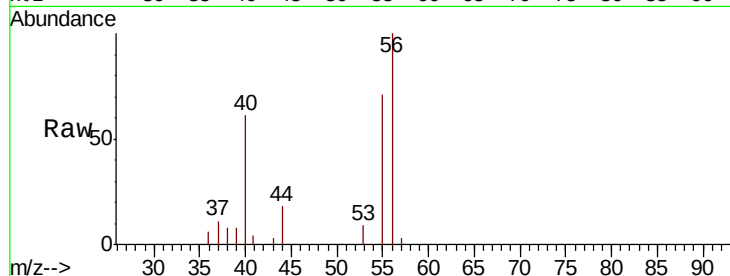
VN0503MBSD01

Tot Ion: 56 Resp: 12152

Ion Ratio Lower Upper

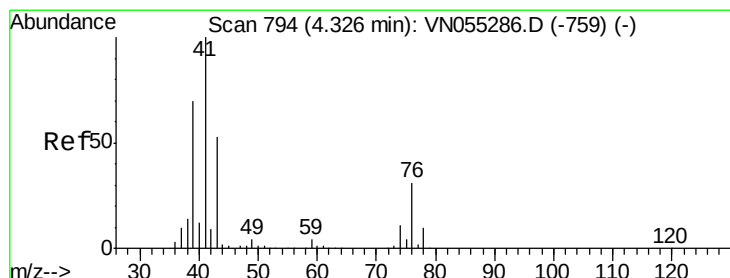
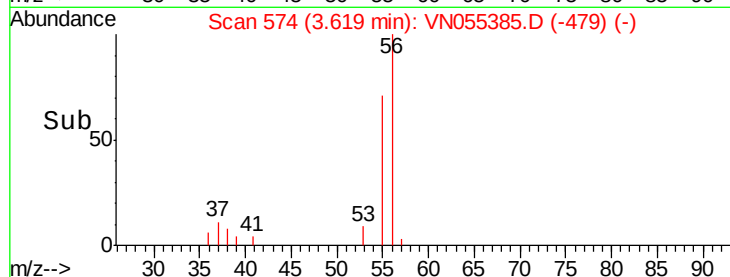
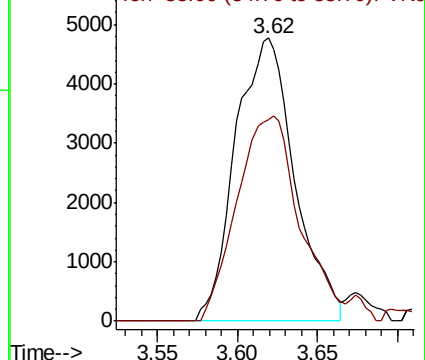
56 100

55 76.9 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.968 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

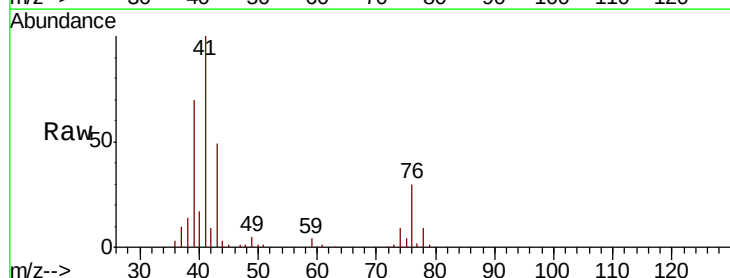
Tgt Ion: 41 Resp: 164623

Ion Ratio Lower Upper

41 100

39 64.1 53.0 79.6

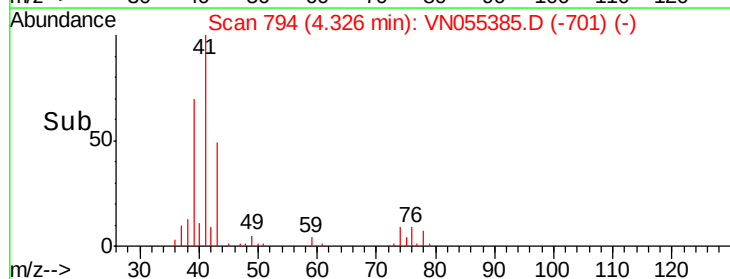
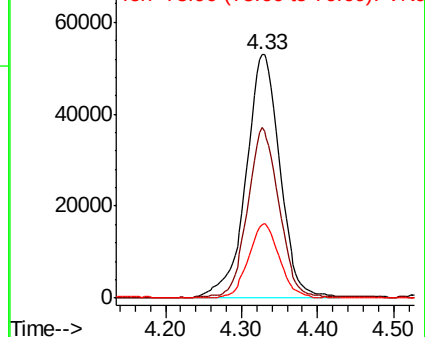
76 27.9 22.7 34.1

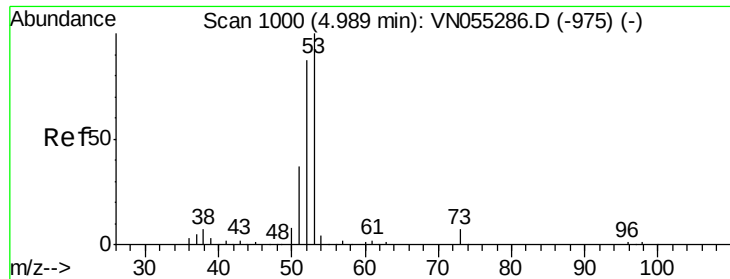


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

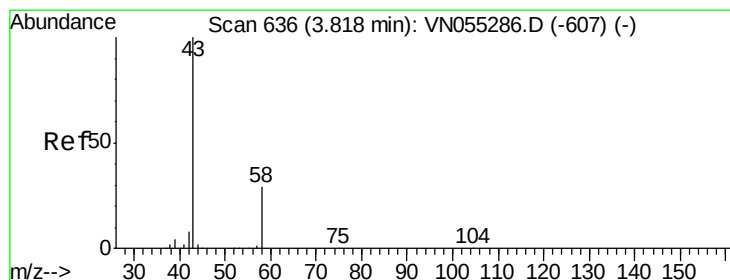
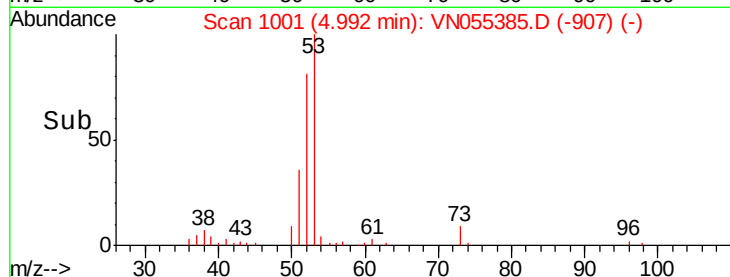
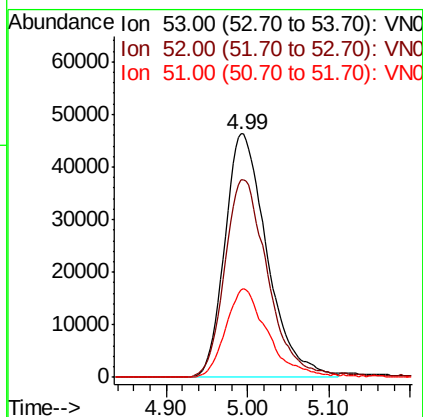
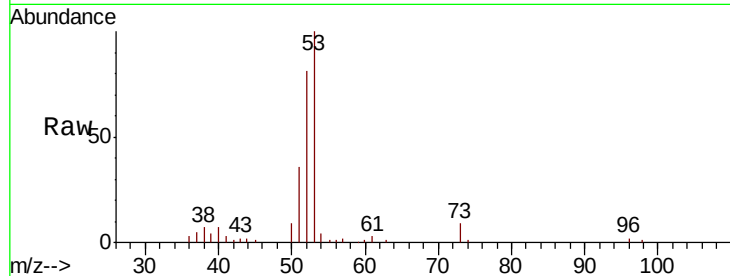




#15
 Acrylonitrile
 Concen: 98.626 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

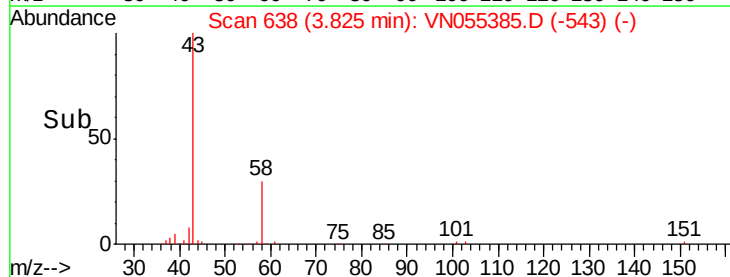
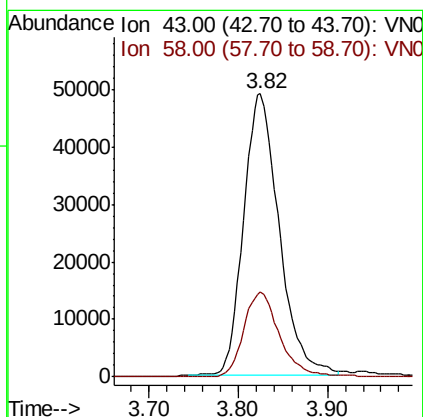
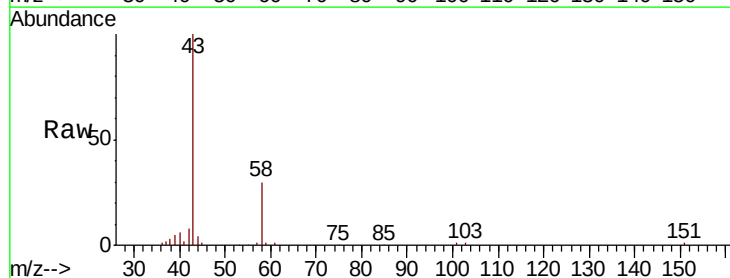
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

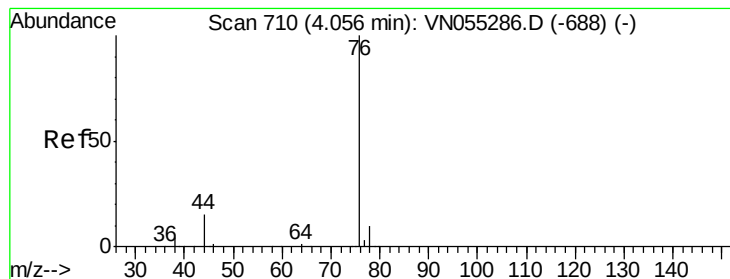
Tot Ion: 53 Resp: 167322
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.5 99.7
 51 36.2 29.6 44.4



#16
 Acetone
 Concen: 83.189 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 43 Resp: 136649
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.6 35.4





#17

Carbon Disulfide

Concen: 16.563 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

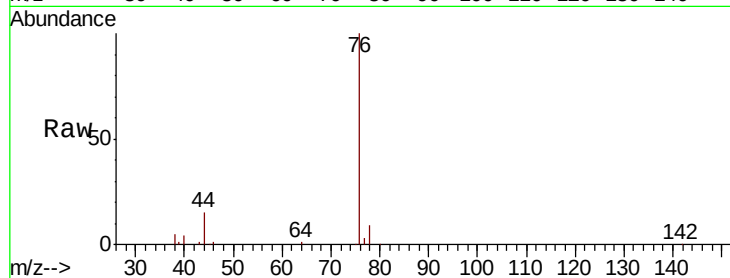
VN0503MBSD01

Tot Ion: 76 Resp: 172065

Ion Ratio Lower Upper

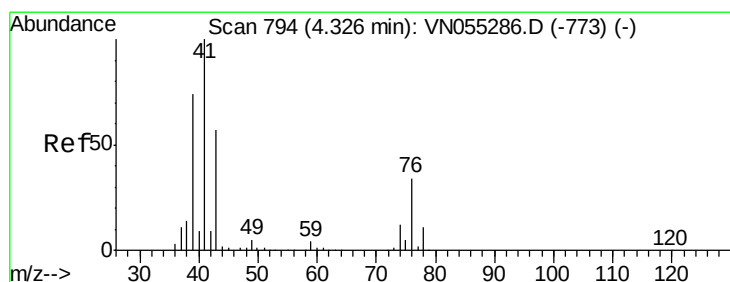
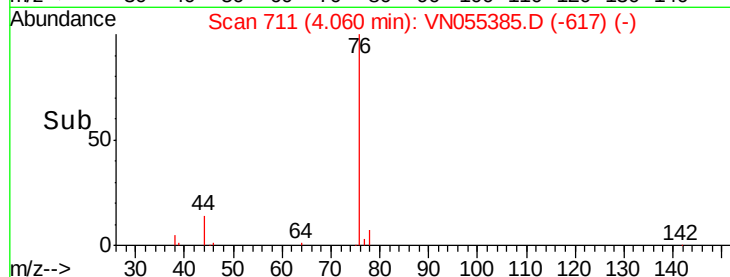
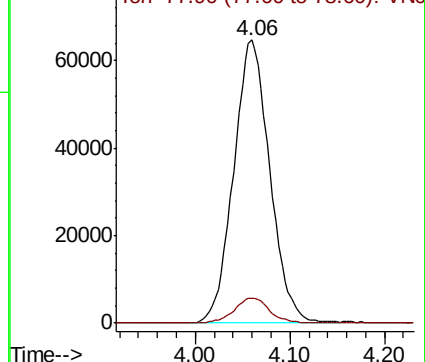
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.002 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055385.D

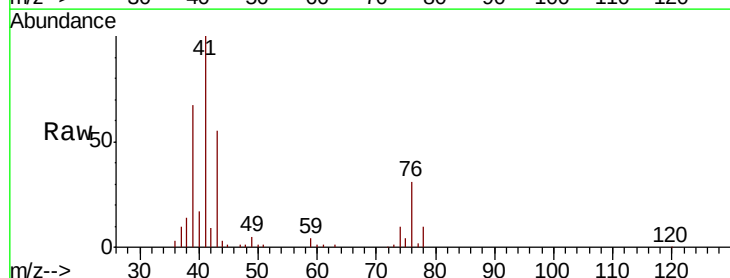
Acq: 3 May 2019 13:17

Tgt Ion: 43 Resp: 86443

Ion Ratio Lower Upper

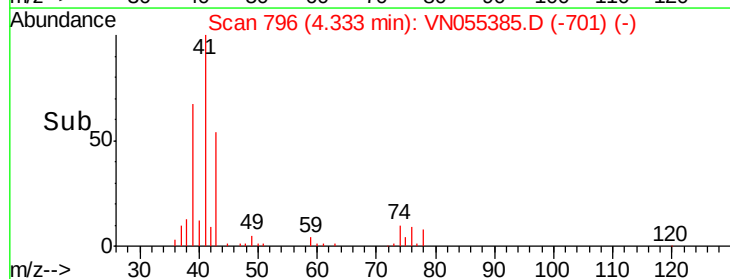
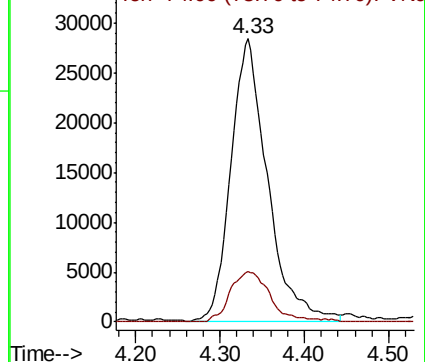
43 100

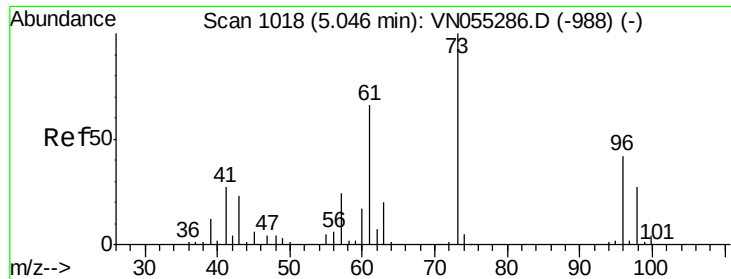
74 19.2 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

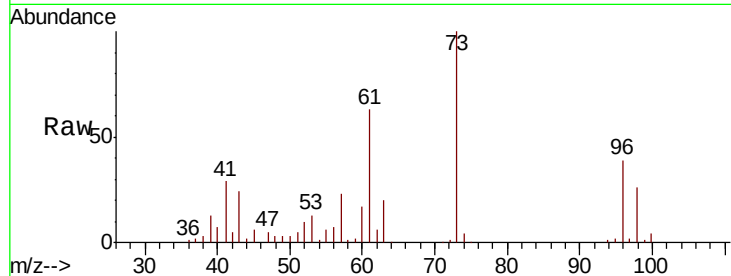




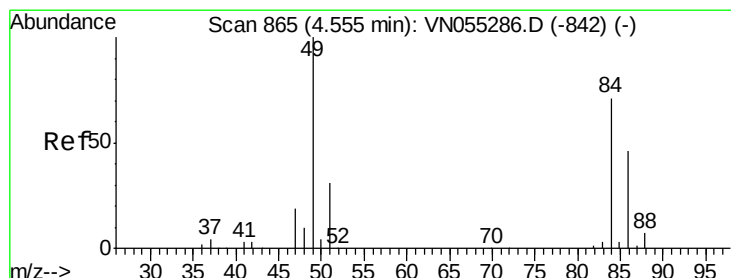
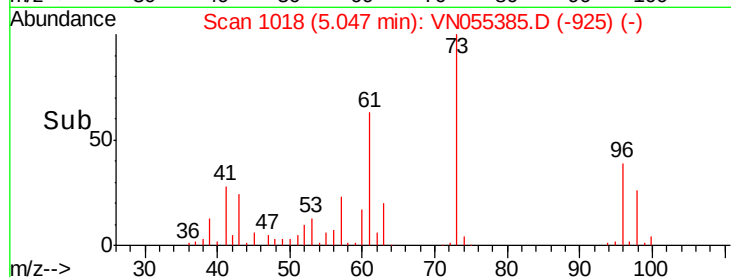
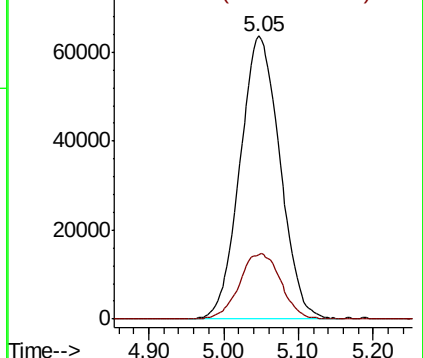
#19
Methyl tert-butyl Ether
Concen: 21.081 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBS01

Tot Ion: 73 Resp: 235916
Ion Ratio Lower Upper
73 100
57 22.6 19.1 28.7

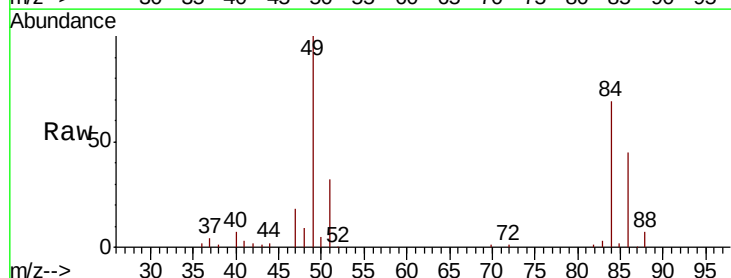


Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)

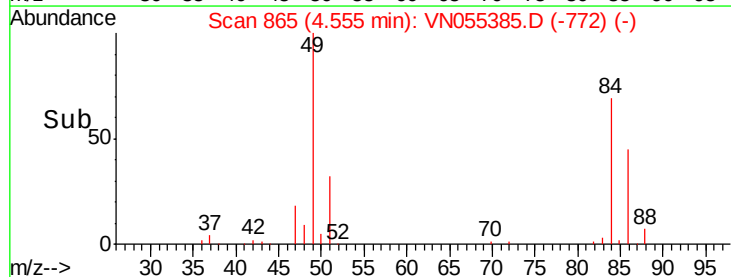
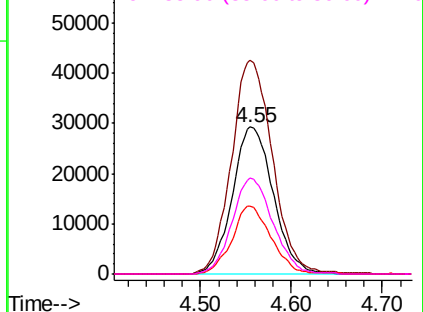


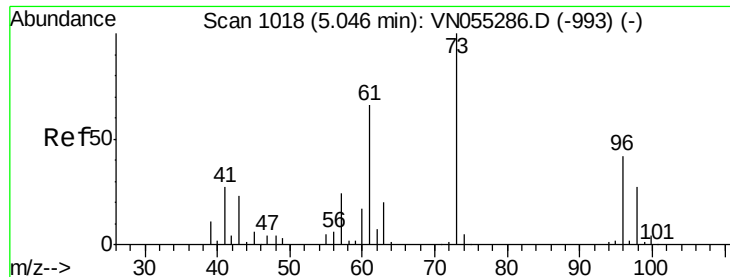
#20
Methylene Chloride
Concen: 18.284 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 84 Resp: 91675
Ion Ratio Lower Upper
84 100
49 145.6 112.4 168.6
51 46.5 34.6 51.8
86 65.1 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055286.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055286.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055286.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055286.D (-842) (-)

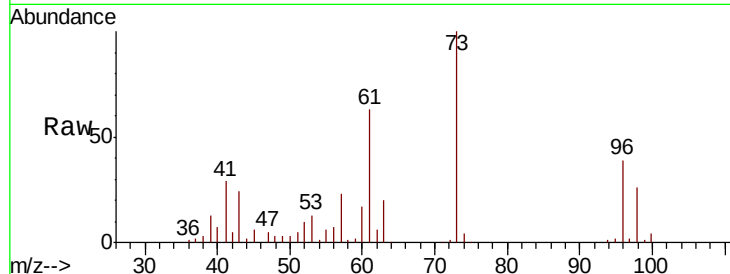




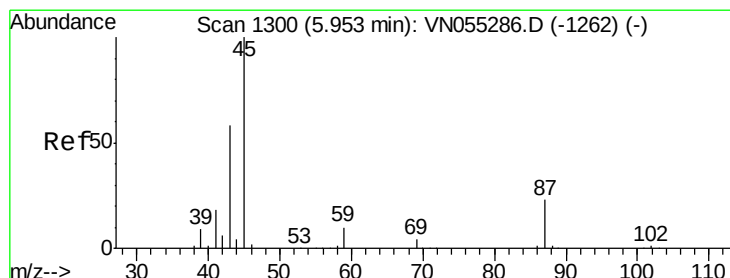
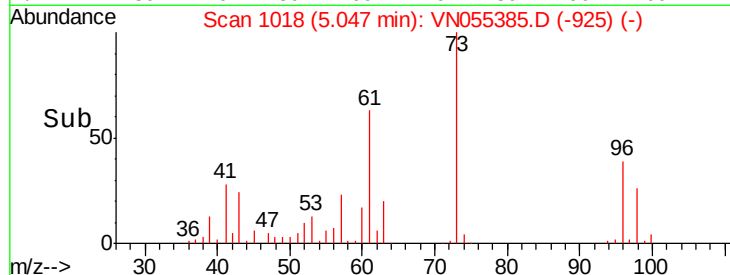
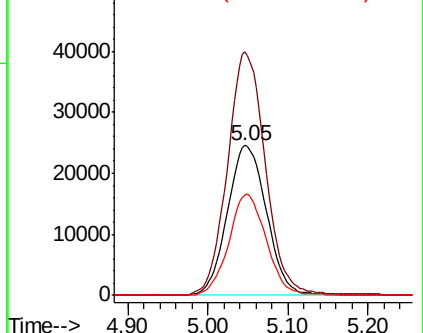
#21
trans-1,2-Dichloroethene
Concen: 19.443 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

Tot Ion: 96 Resp: 81971
Ion Ratio Lower Upper
96 100
61 162.5 126.2 189.4
98 66.9 52.2 78.2

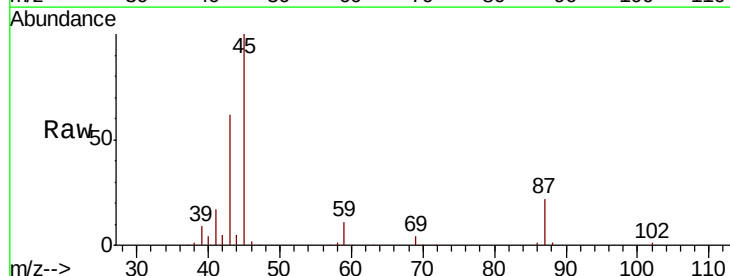


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

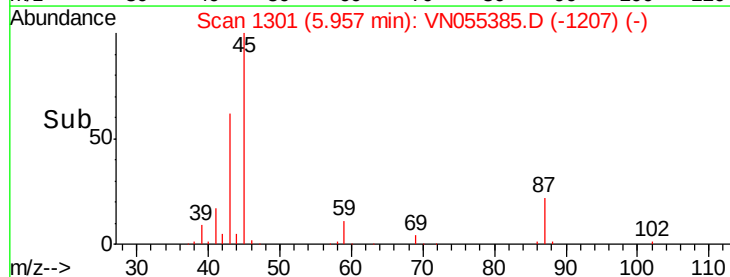
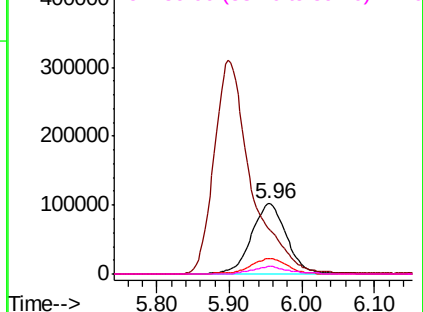


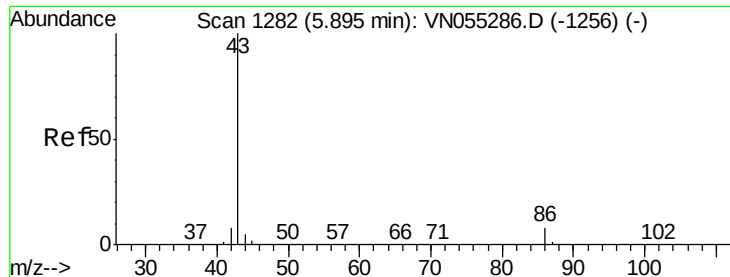
#22
Diisopropyl ether
Concen: 21.114 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 45 Resp: 345874
Ion Ratio Lower Upper
45 100
43 60.0 46.6 70.0
87 21.5 18.1 27.1
59 10.4 8.2 12.2



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: 102.608 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

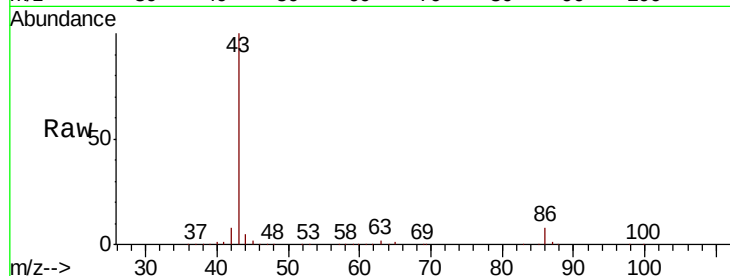
VN0503MBS01

Tot Ion: 43 Resp: 1101602

Ion Ratio Lower Upper

43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

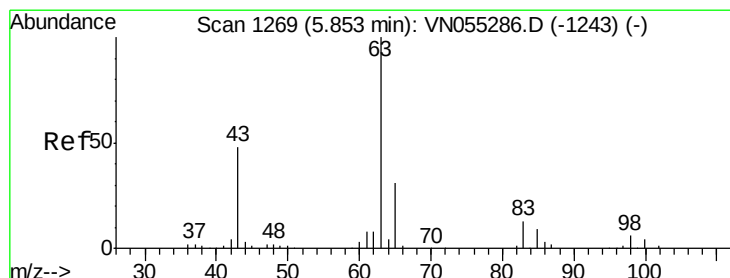
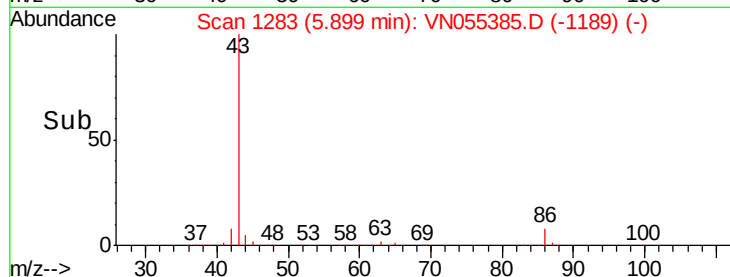
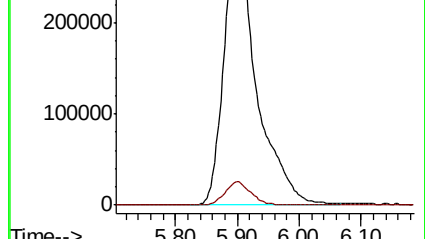
5.90

300000

200000

100000

0



#24

1,1-Dichloroethane

Concen: 20.451 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

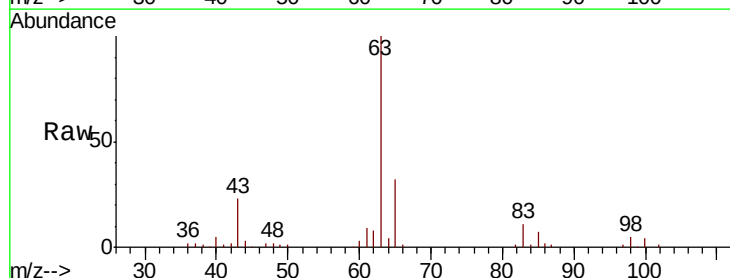
Tgt Ion: 63 Resp: 178497

Ion Ratio Lower Upper

63 100

98 5.2 3.0 9.0

100 3.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

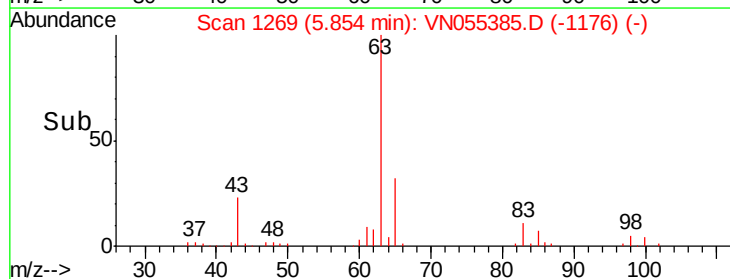
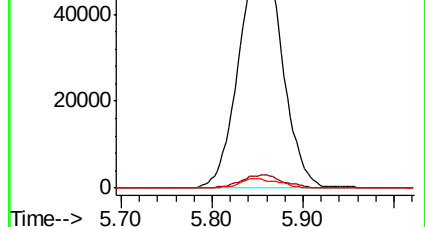
5.85

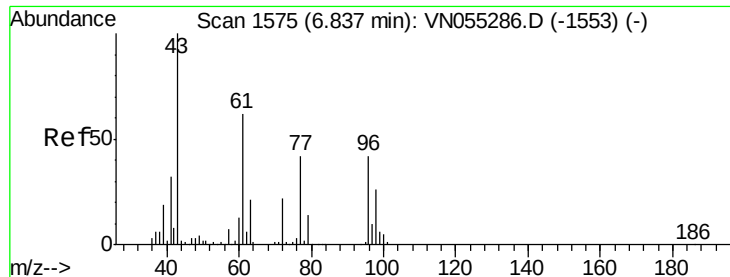
60000

40000

20000

0





#25

2-Butanone

Concen: 96.517 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

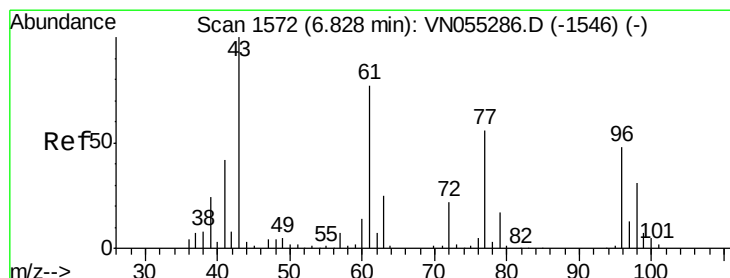
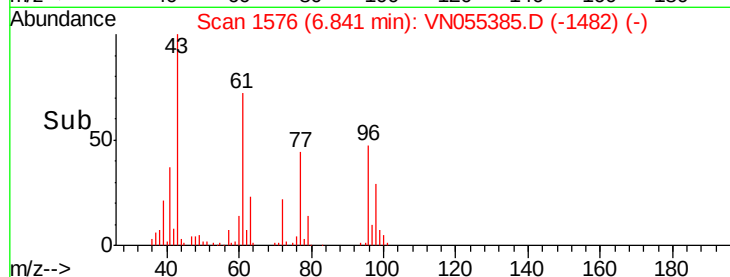
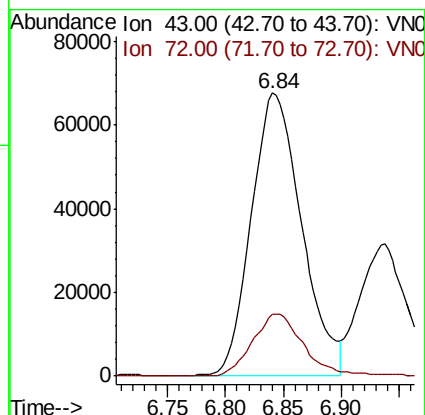
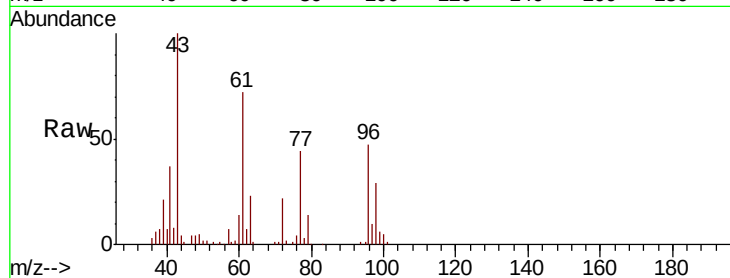
VN0503MBSD01

Tot Ion: 43 Resp: 202754

Ion Ratio Lower Upper

43 100

72 21.9 18.0 27.0



#26

2,2-Dichloropropane

Concen: 19.351 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055385.D

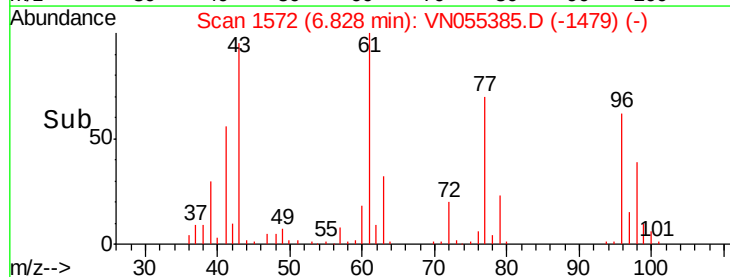
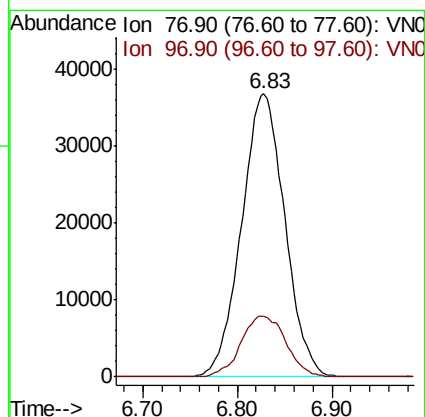
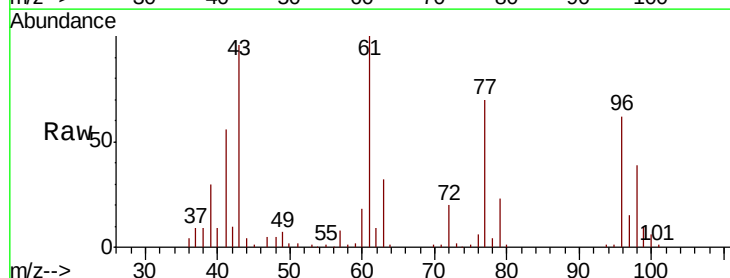
Acq: 3 May 2019 13:17

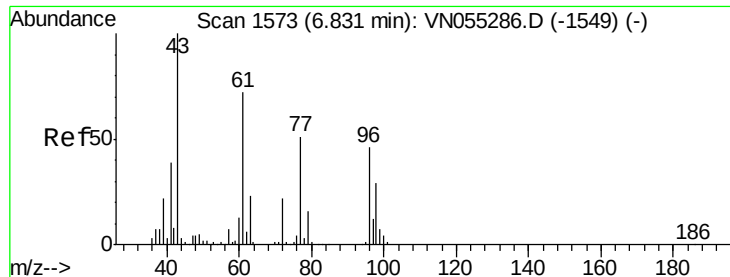
Tgt Ion: 77 Resp: 116630

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.827 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

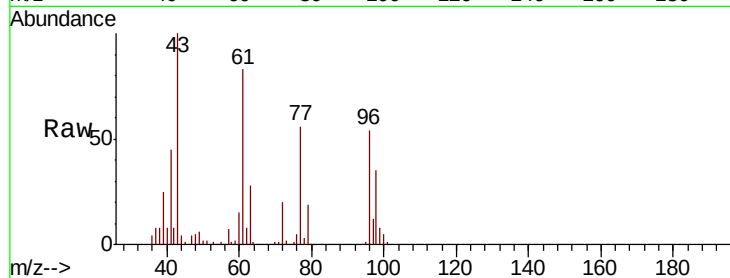
Tot Ion: 96 Resp: 99849

Ion Ratio Lower Upper

96 100

61 158.3 0.0 316.2

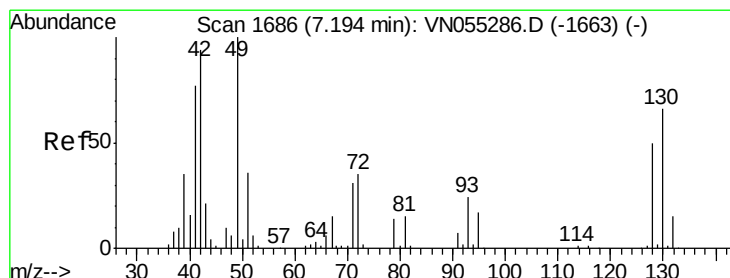
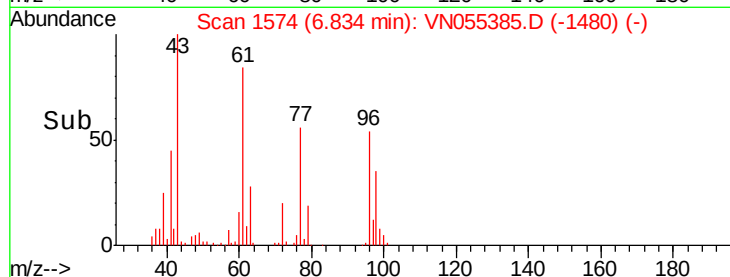
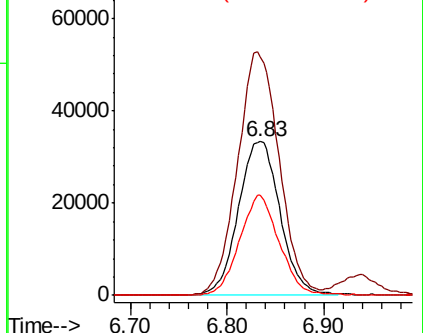
98 62.0 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.149 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

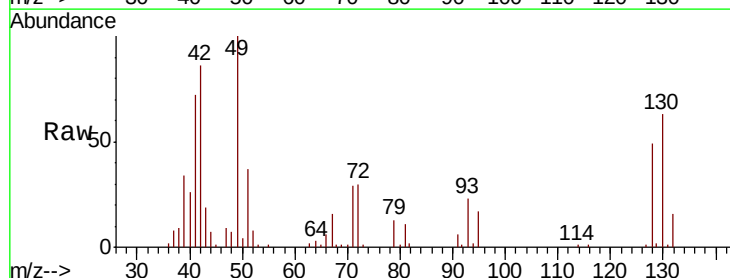
Tgt Ion: 49 Resp: 88643

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.4

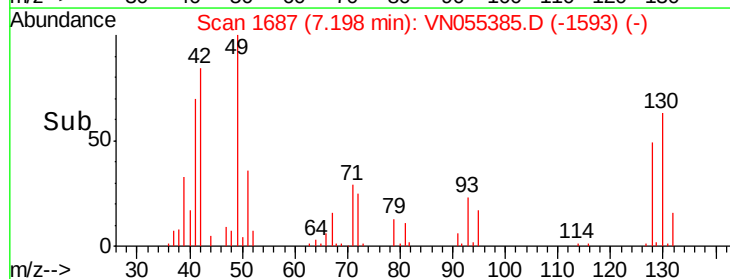
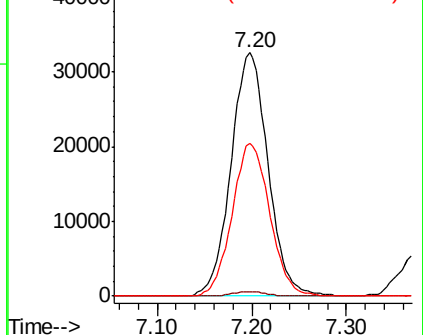
130 63.6 52.0 78.0

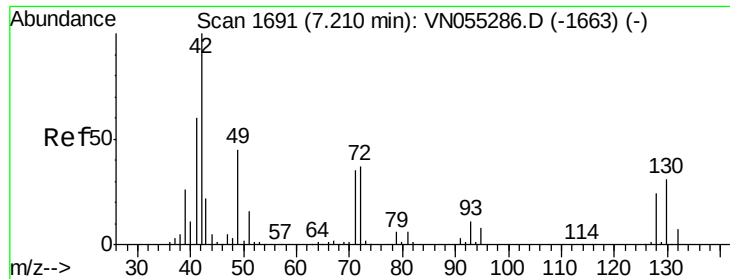


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

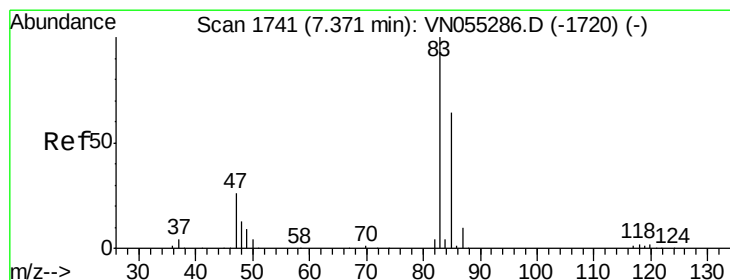
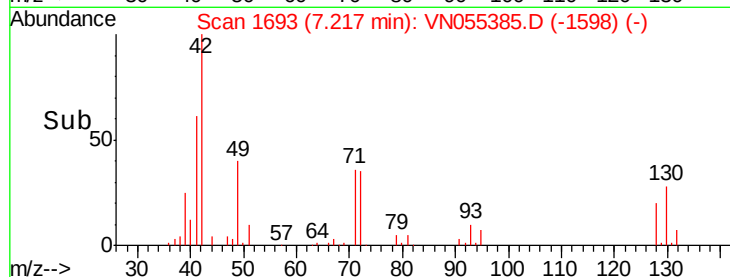
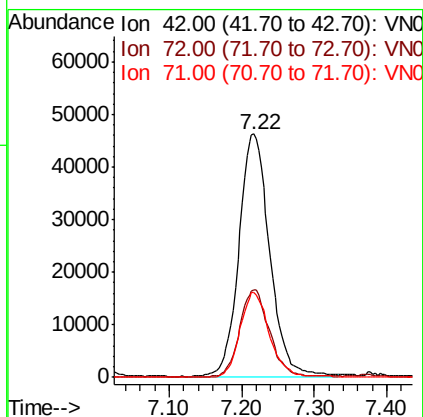
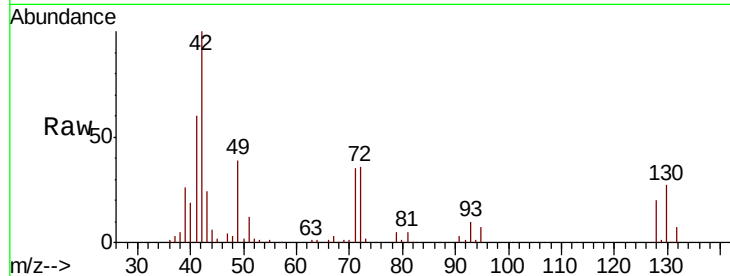




#29
Tetrahydrofuran
Concen: 102.658 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

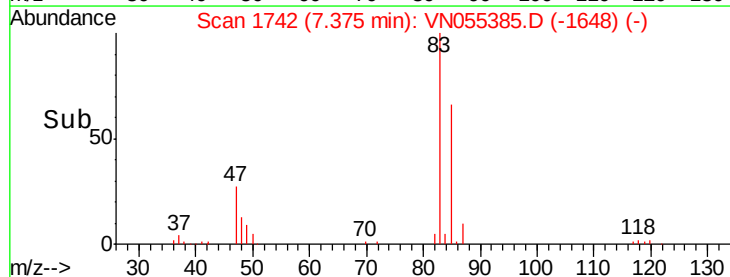
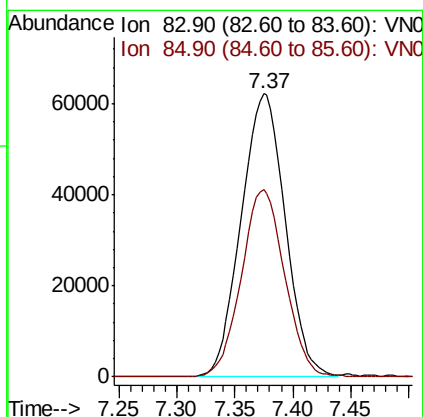
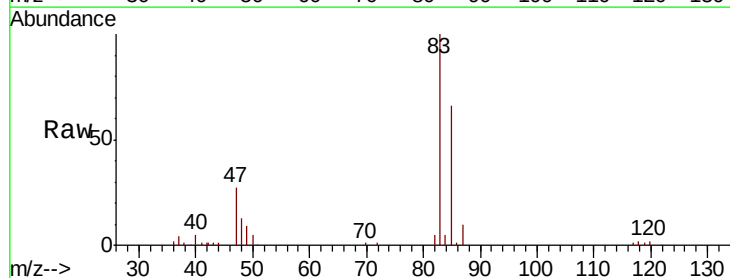
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

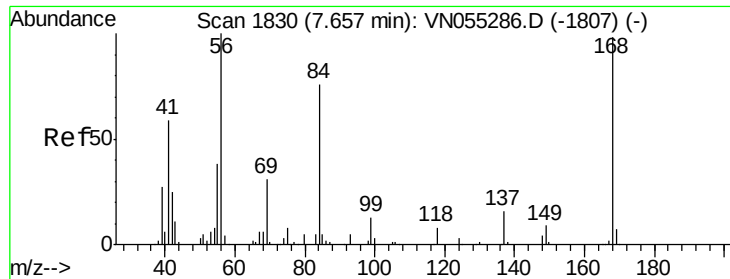
Tot Ion: 42 Resp: 138090
Ion Ratio Lower Upper
42 100
72 34.8 29.0 43.6
71 32.8 27.1 40.7



#30
Chloroform
Concen: 19.909 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 83 Resp: 164718
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.2

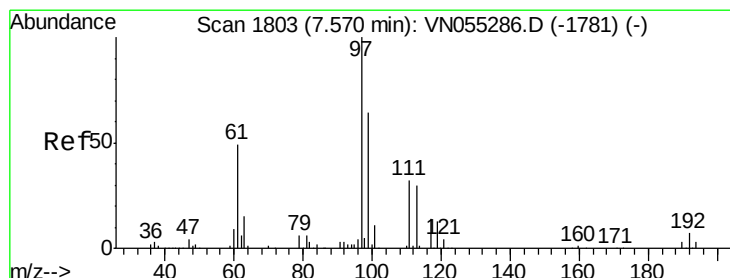
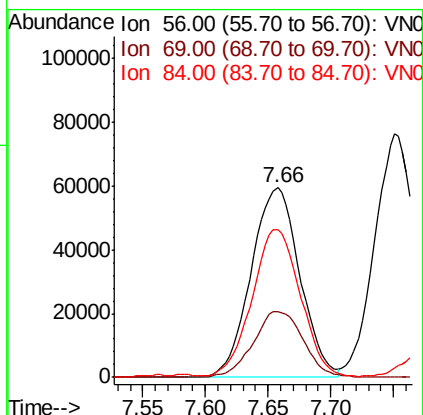
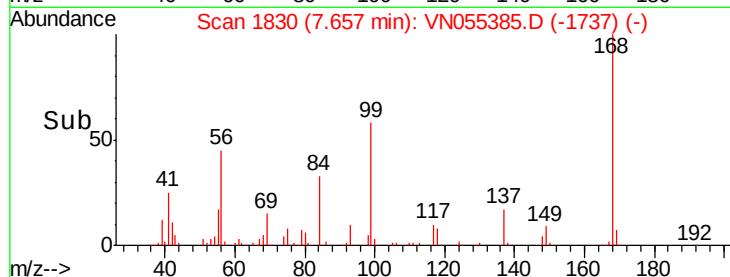
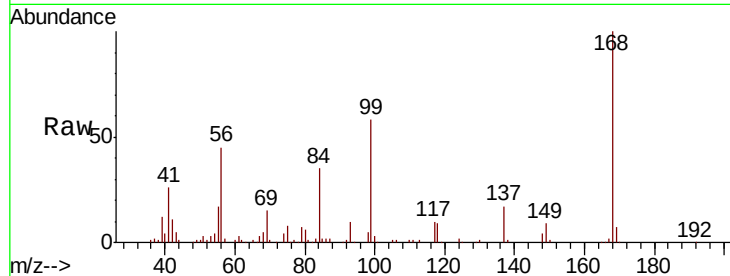




#31
Cyclohexane
Concen: 19.382 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

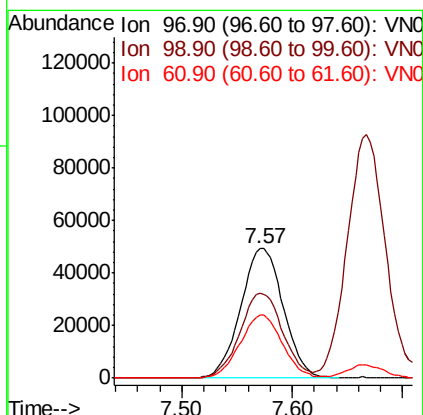
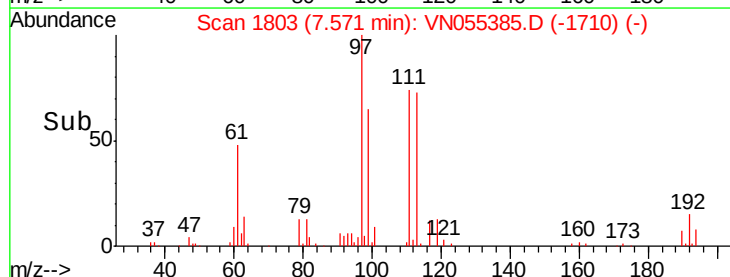
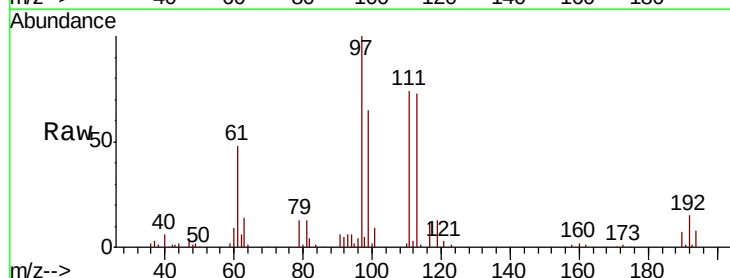
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

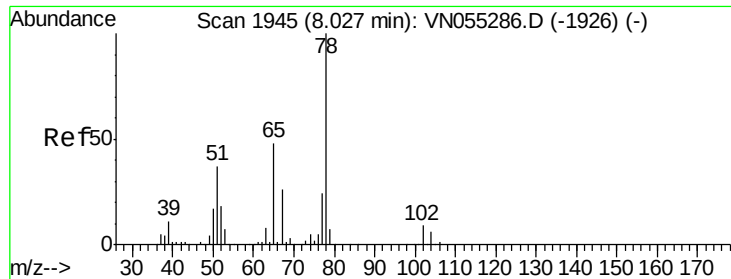
Tot Ion: 56 Resp: 160724
Ion Ratio Lower Upper
56 100
69 34.5 25.2 37.8
84 76.8 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 19.689 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 97 Resp: 132211
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 48.1 39.0 58.6

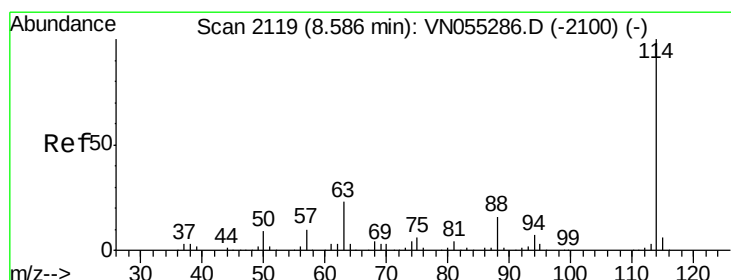
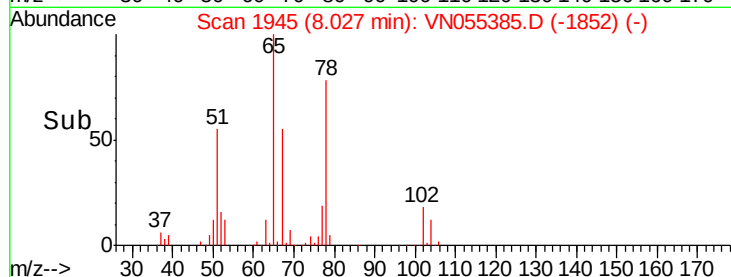
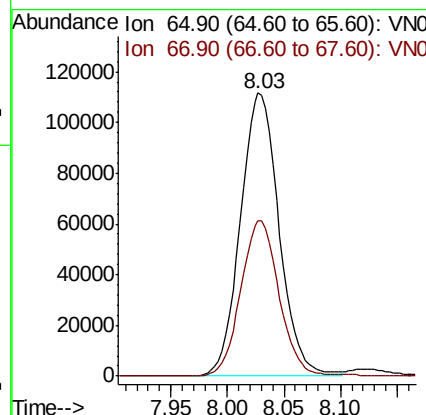
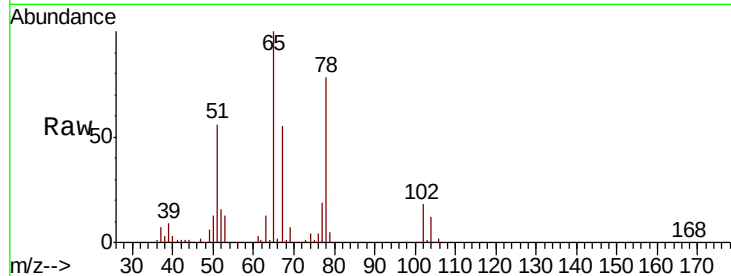




#33
 1,2-Dichloroethane-d4
 Concen: 50.357 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

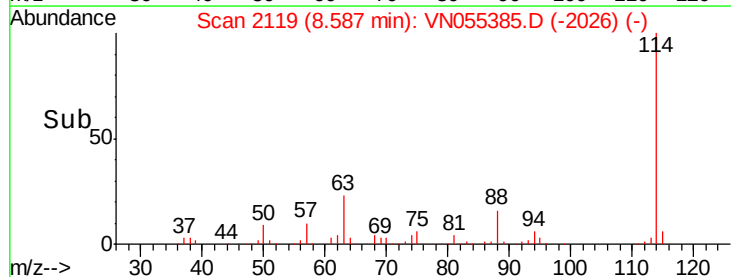
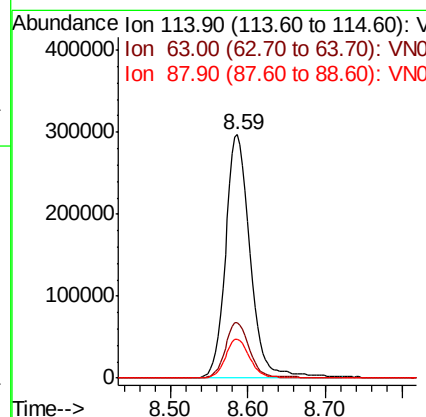
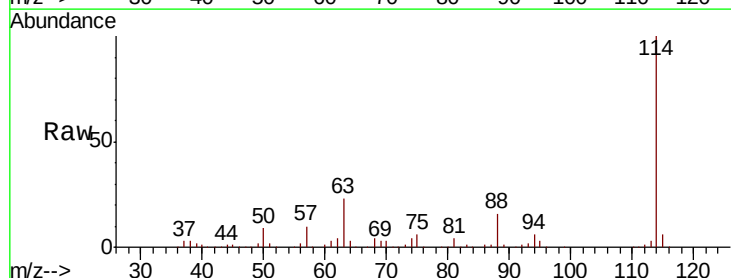
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

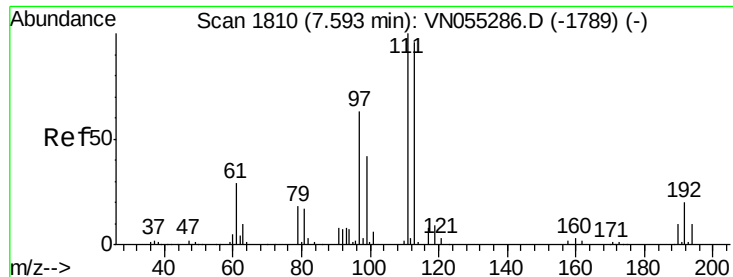
Tot Ion: 65 Resp: 265474
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 114 Resp: 657544
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 16.0 0.0 31.6

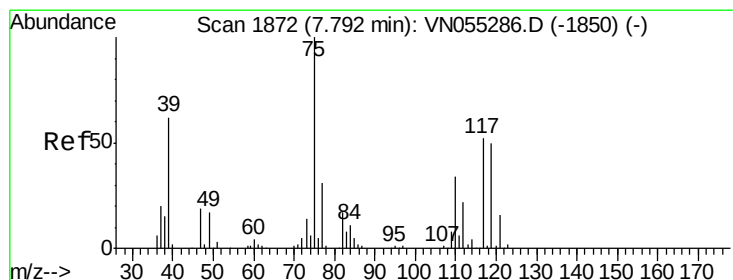
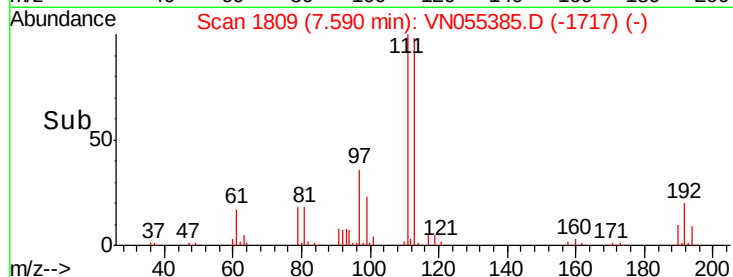
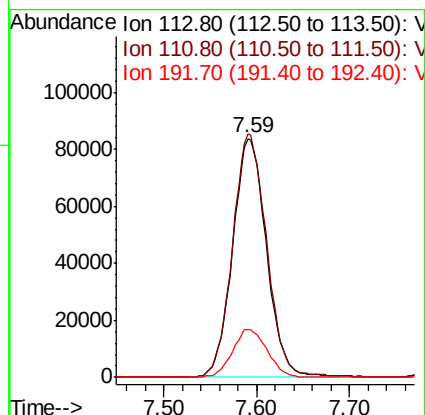
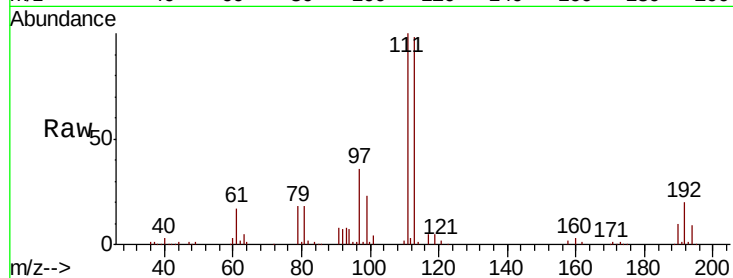




#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

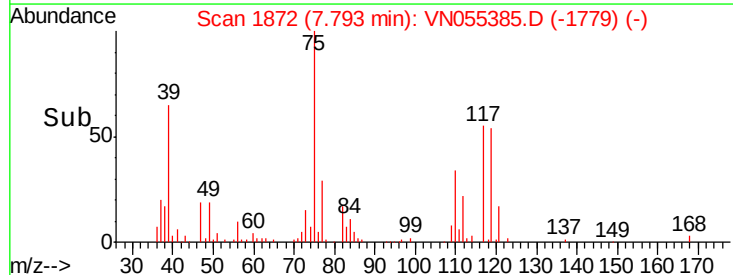
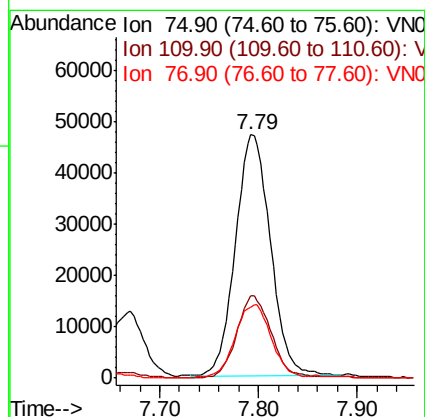
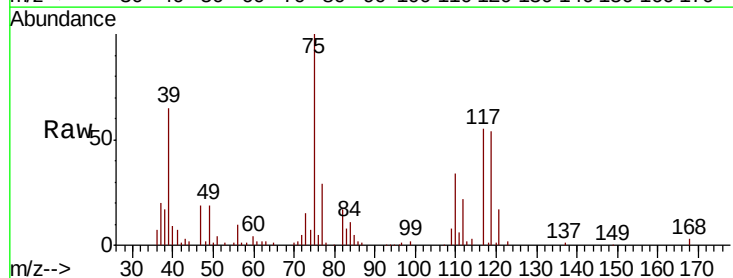
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

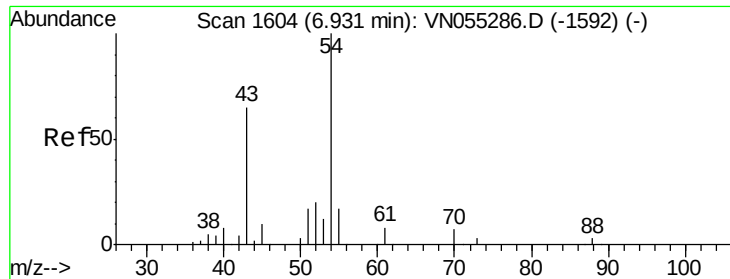
Tot Ion:113 Resp: 212453
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 20.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.525 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 75 Resp: 116677
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.8 50.4
 77 31.5 25.0 37.6

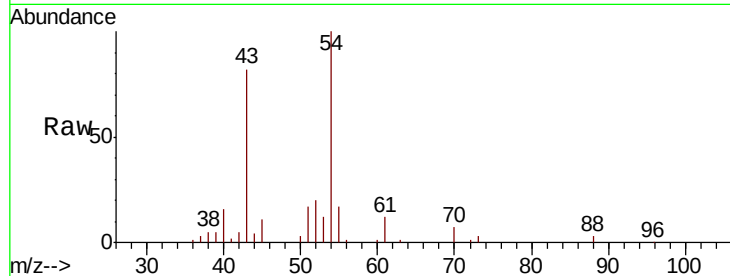




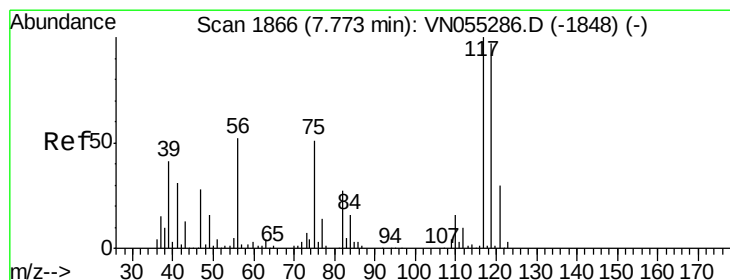
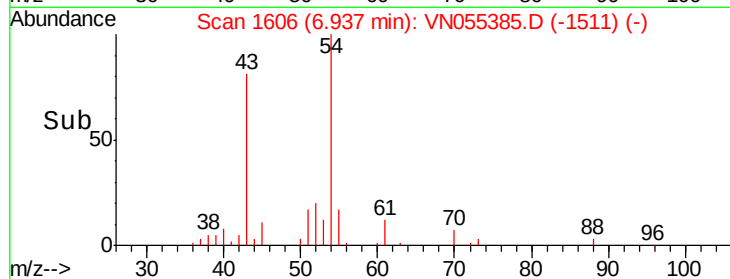
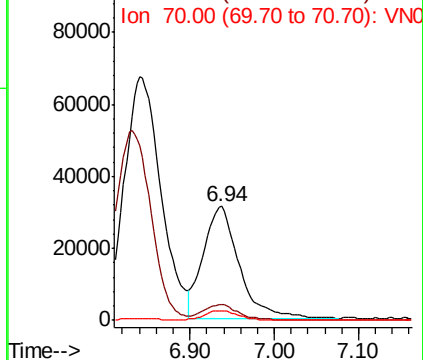
#37
Ethyl Acetate
Concen: 19.242 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

Tot Ion: 43 Resp: 92884
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 8.0 6.6 10.0

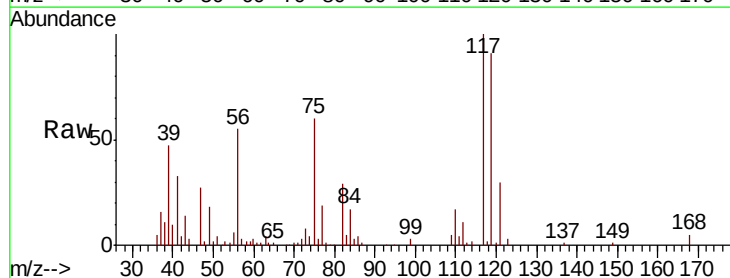


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

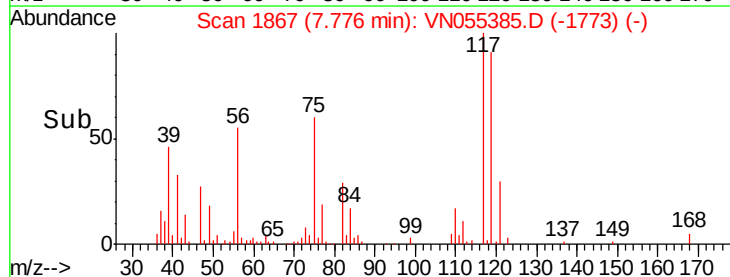
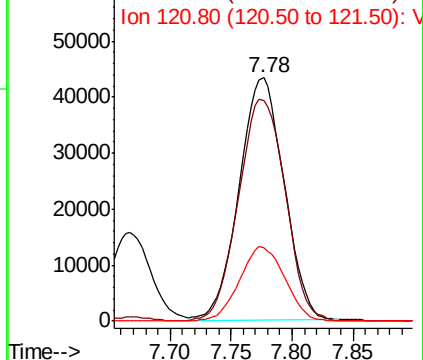


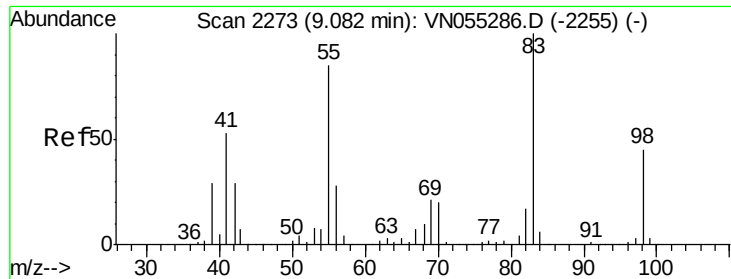
#38
Carbon Tetrachloride
Concen: 18.190 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 117 Resp: 110513
Ion Ratio Lower Upper
117 100
119 91.2 77.0 115.6
121 30.4 23.8 35.8



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

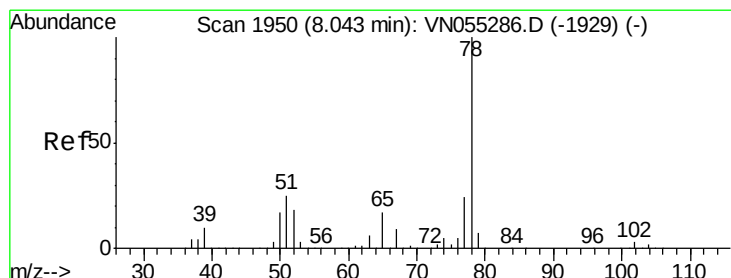
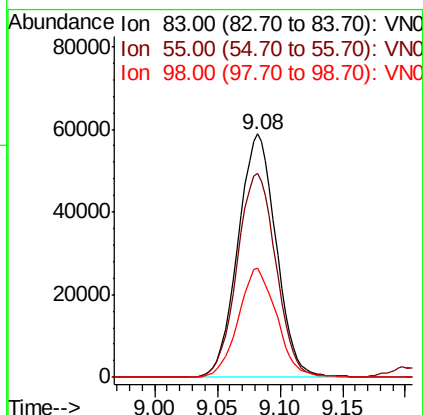
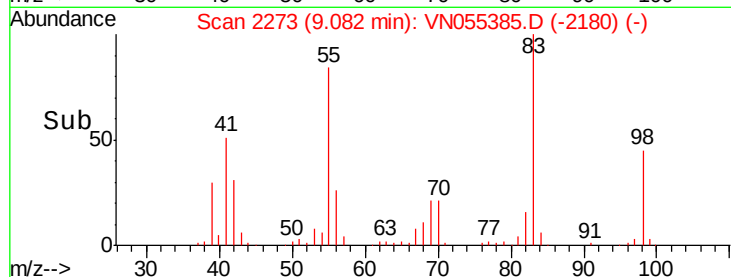
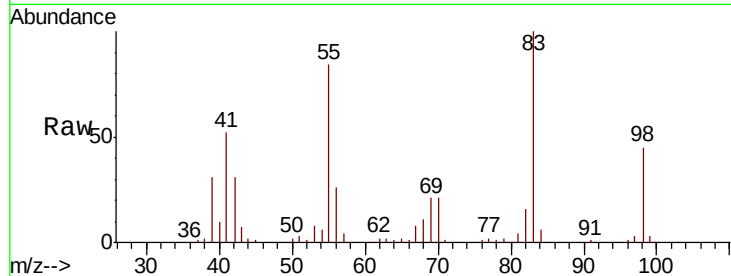




#39
Methylvlcyclohexane
Concen: 18.586 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

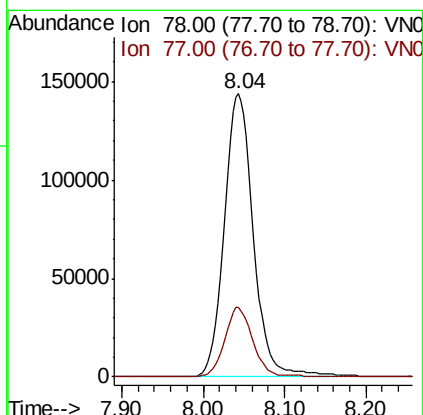
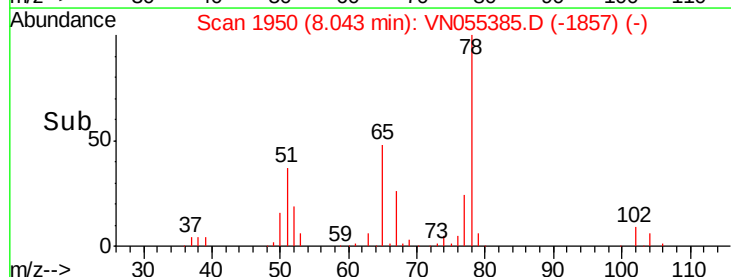
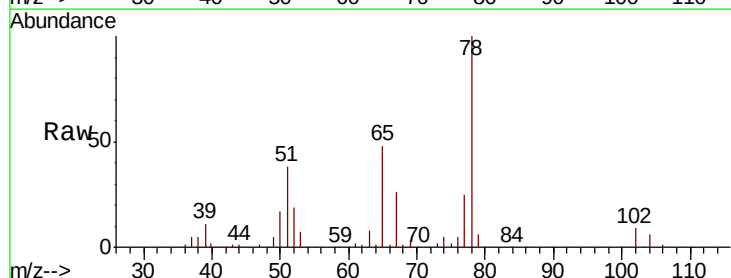
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

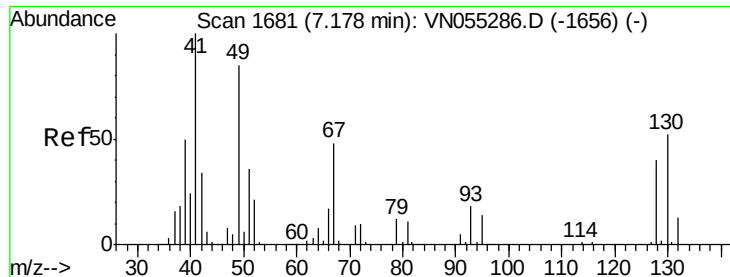
Tot Ion: 83 Resp: 124462
Ion Ratio Lower Upper
83 100
55 83.5 67.8 101.6
98 44.6 36.2 54.4



#40
Benzene
Concen: 19.425 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 78 Resp: 360669
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41

Methacrylonitrile

Concen: 21.801 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

Tot Ion: 41 Resp: 55847

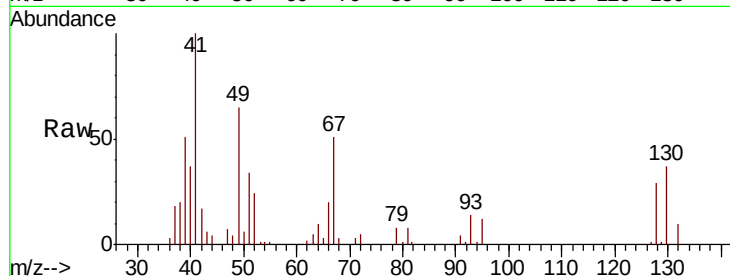
Ion Ratio Lower Upper

41 100

39 51.5 48.5 72.7

67 62.6 54.9 82.3

52 29.4 24.9 37.3

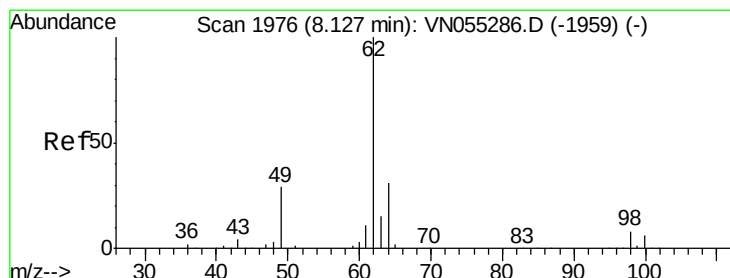
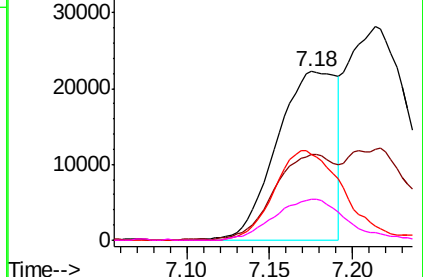
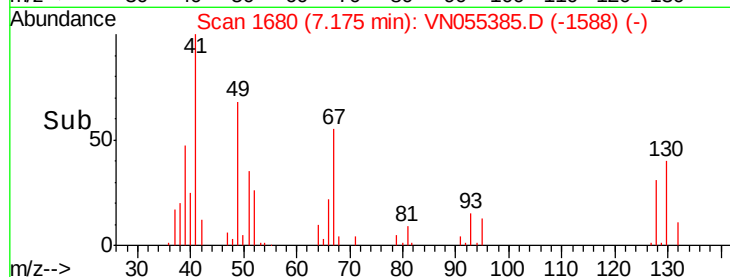


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.282 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN055385.D

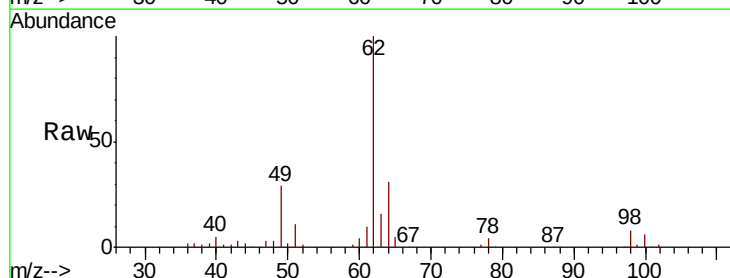
Acq: 3 May 2019 13:17

Tgt Ion: 62 Resp: 126797

Ion Ratio Lower Upper

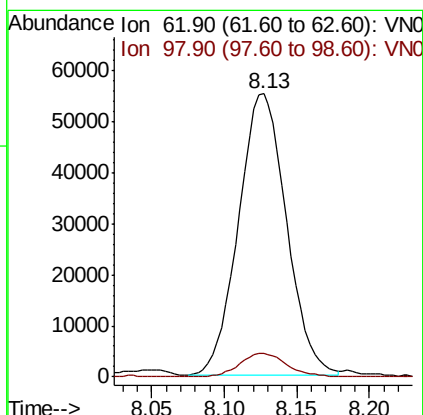
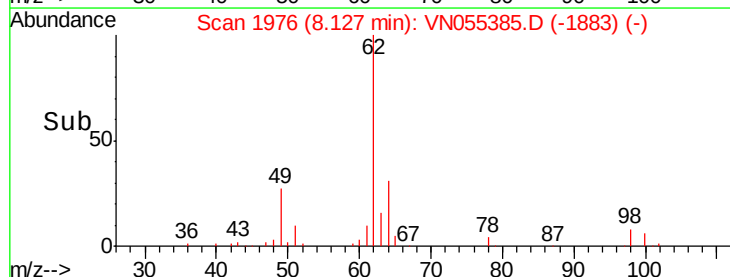
62 100

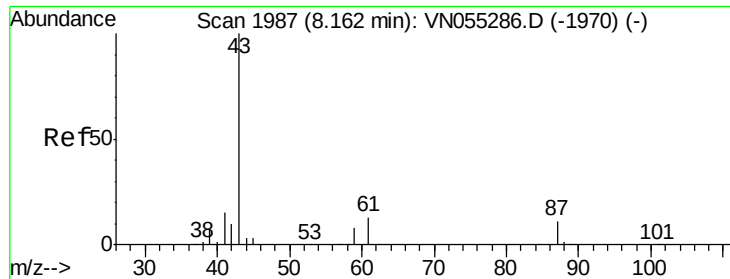
98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.795 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

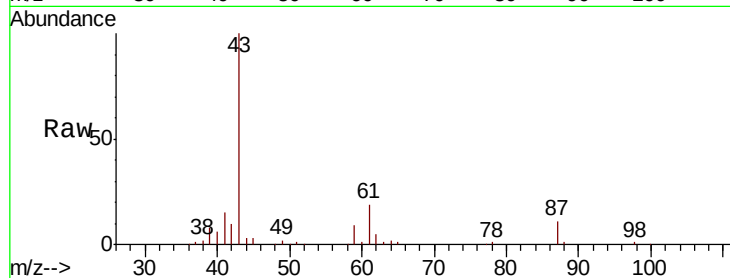
Tot Ion: 43 Resp: 153560

Ion Ratio Lower Upper

43 100

61 19.2 20.8 31.2#

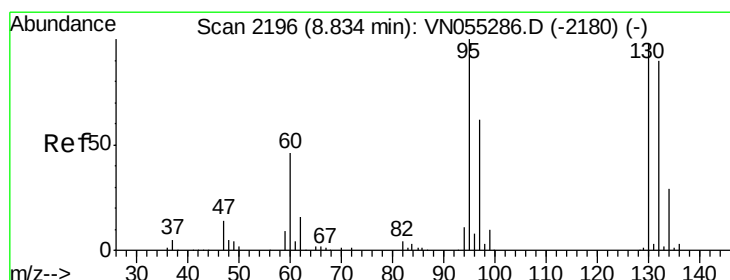
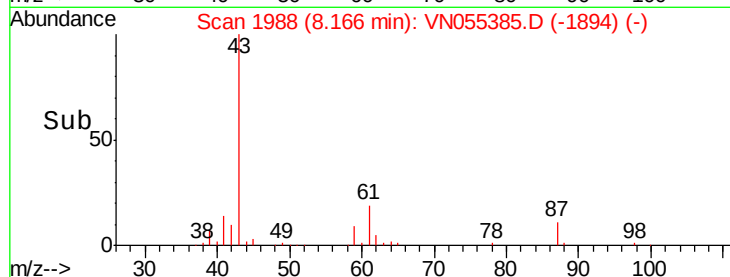
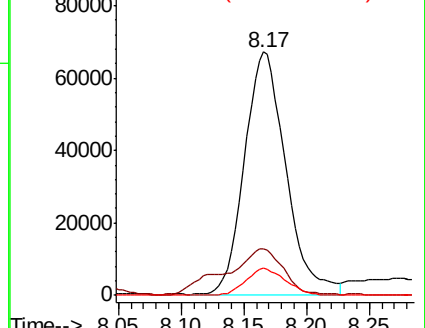
87 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 19.571 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055385.D

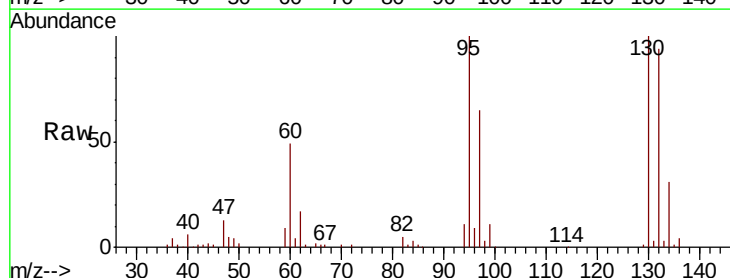
Acq: 3 May 2019 13:17

Tgt Ion:130 Resp: 92633

Ion Ratio Lower Upper

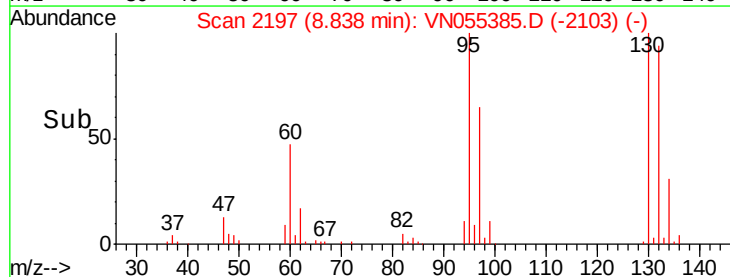
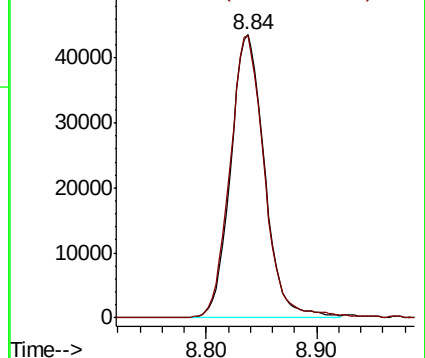
130 100

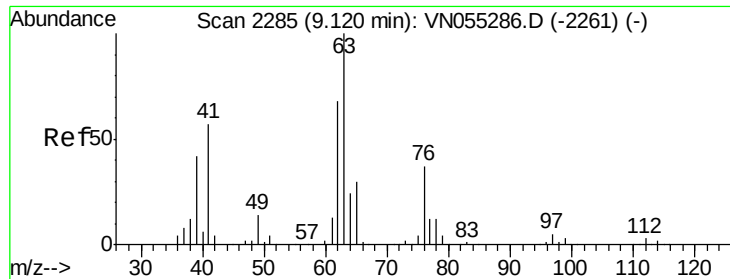
95 99.6 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

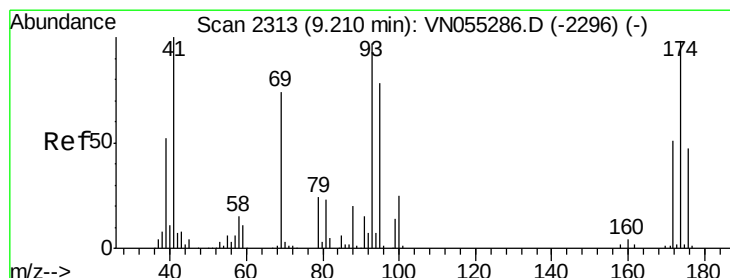
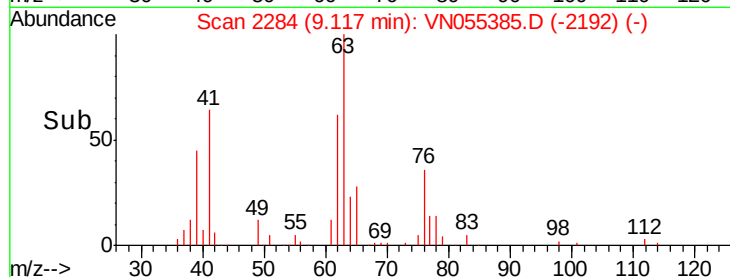
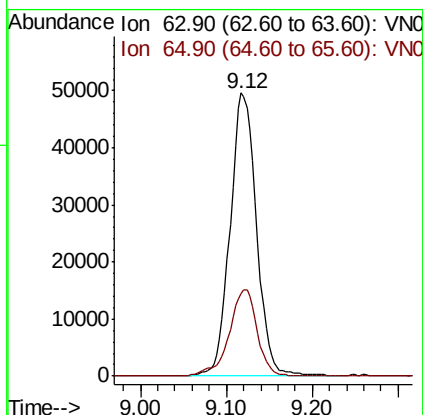
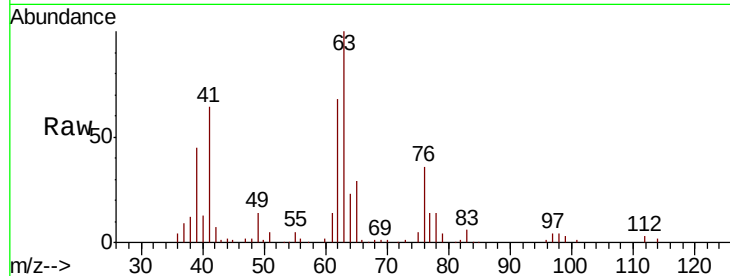




#45
 1,2-Dichloropropane
 Concen: 19.760 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

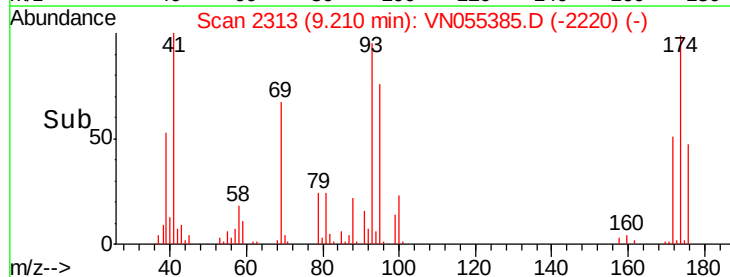
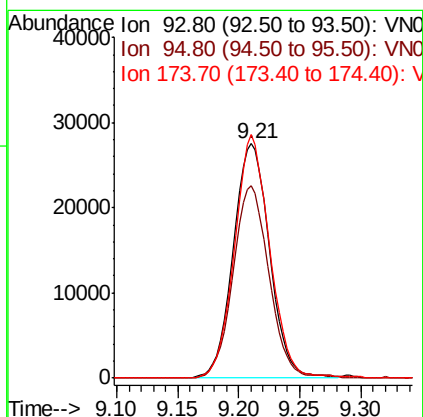
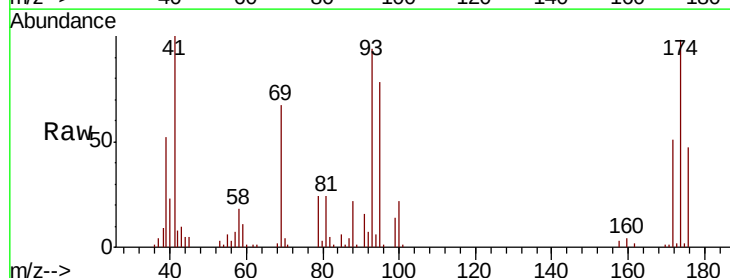
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBS01

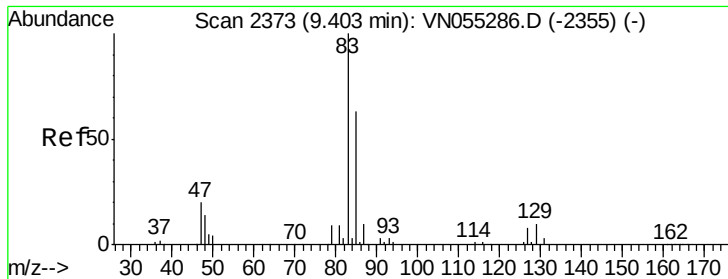
Tot Ion: 63 Resp: 105814
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.9 35.9



#46
 Dibromomethane
 Concen: 19.403 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 93 Resp: 56793
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.7 98.5
 174 99.7 81.5 122.3





#47

Bromodichloromethane

Concen: 19.282 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

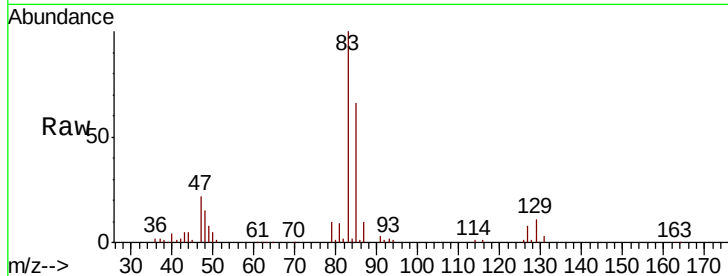
Tot Ion: 83 Resp: 121081

Ion Ratio Lower Upper

83 100

85 65.8 50.1 75.1

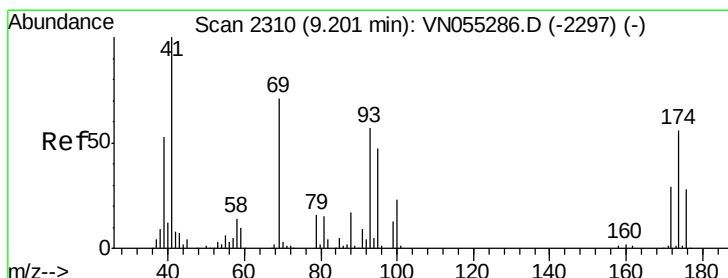
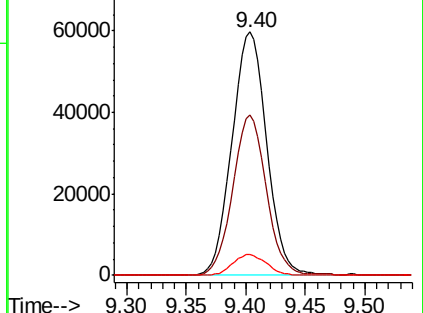
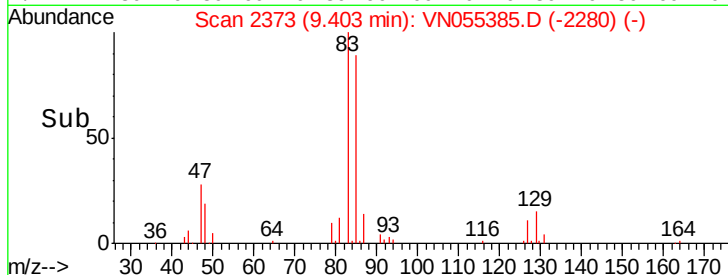
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055385.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055385.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055385.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.643 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

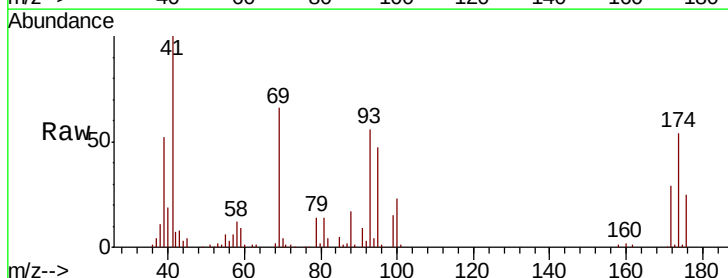
Tgt Ion: 41 Resp: 74908

Ion Ratio Lower Upper

41 100

69 70.6 58.6 87.8

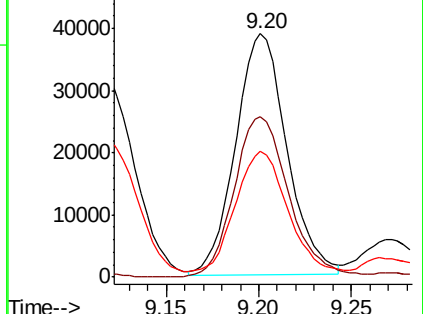
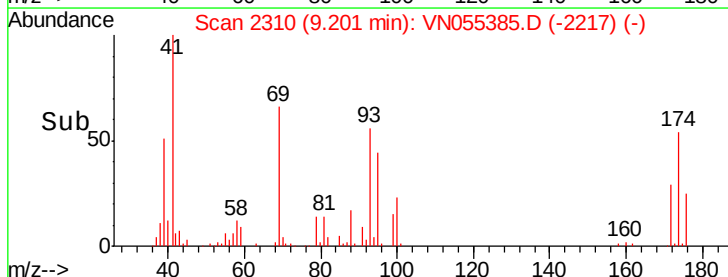
39 53.3 43.8 65.6

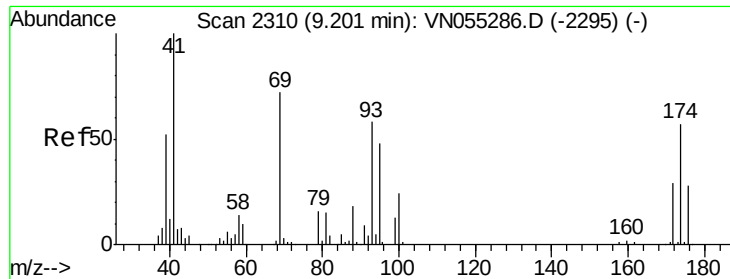


Abundance Ion 41.00 (40.70 to 41.70): VN055385.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055385.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055385.D (-2217) (-)





#49

1,4-Dioxane

Concen: 376.693 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

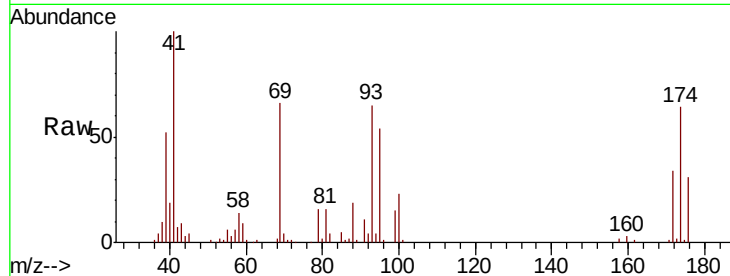
Tot Ion: 88 Resp: 14850

Ion Ratio Lower Upper

88 100

43 41.9 33.3 49.9

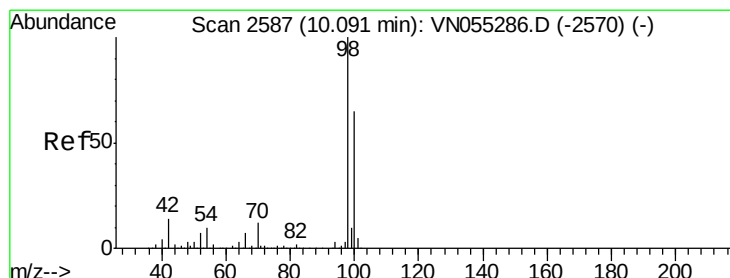
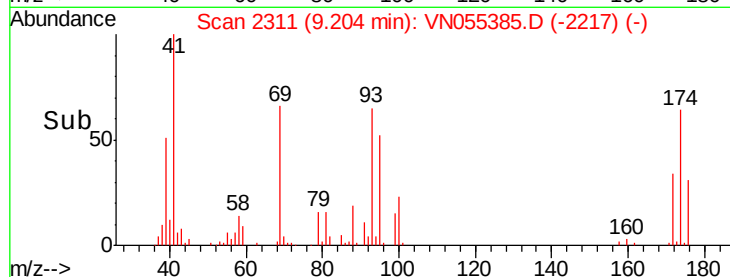
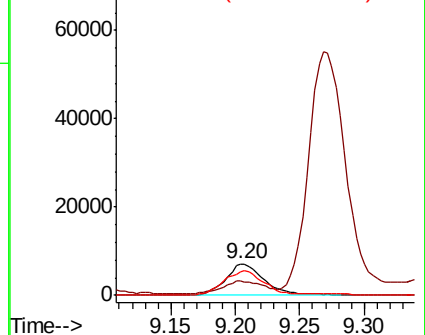
58 80.2 62.7 94.1



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: 48.980 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055385.D

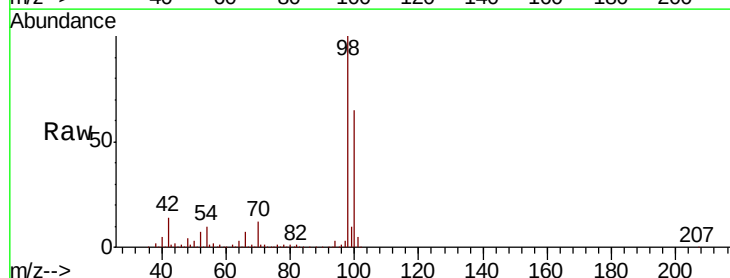
Acq: 3 May 2019 13:17

Tgt Ion: 98 Resp: 763319

Ion Ratio Lower Upper

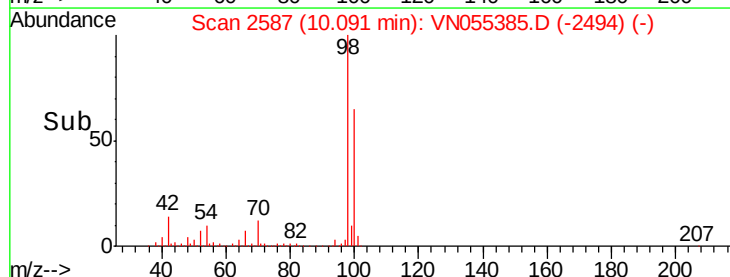
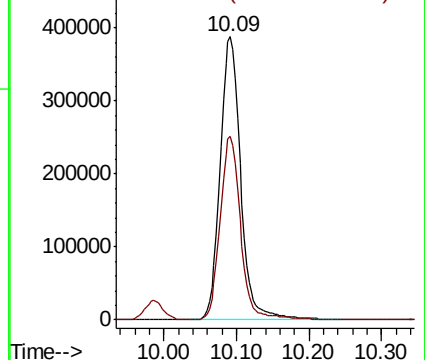
98 100

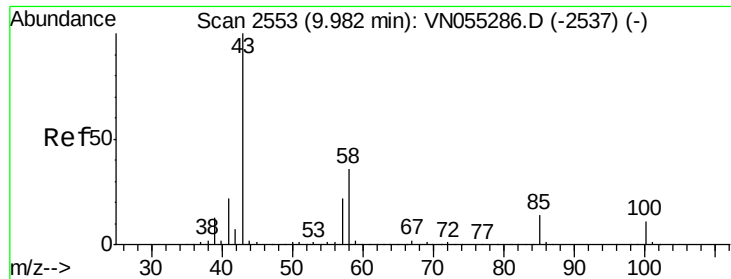
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 96.093 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

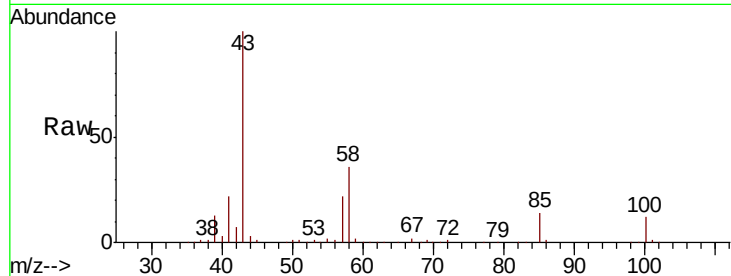
VN0503MBSD01

Tot Ion: 43 Resp: 419691

Ion Ratio Lower Upper

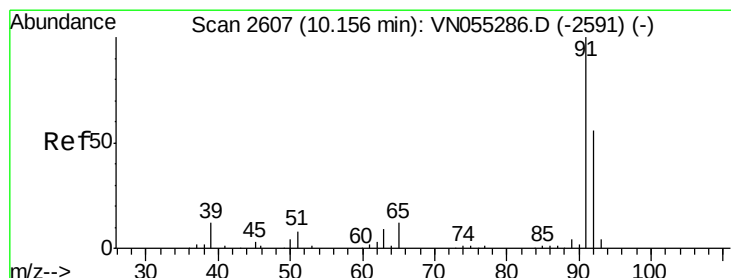
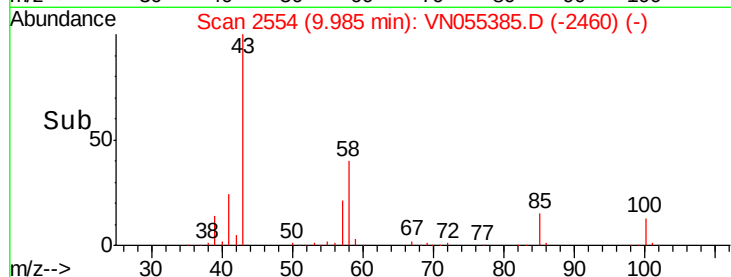
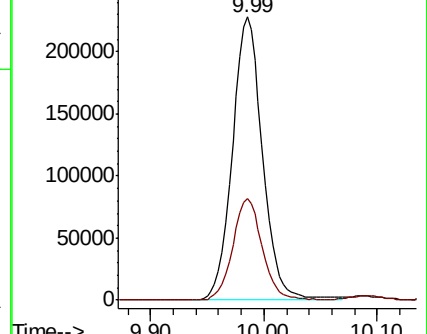
43 100

58 35.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.343 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055385.D

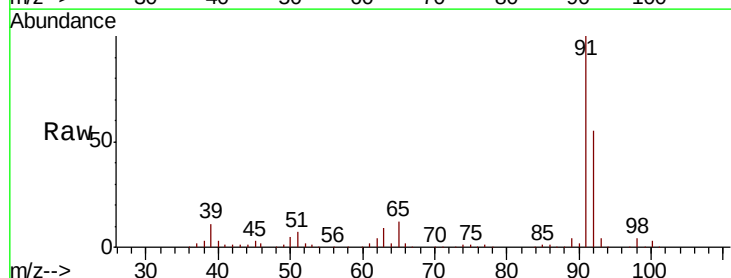
Acq: 3 May 2019 13:17

Tgt Ion: 92 Resp: 206067

Ion Ratio Lower Upper

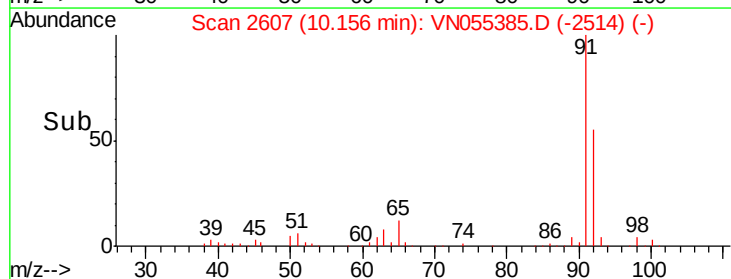
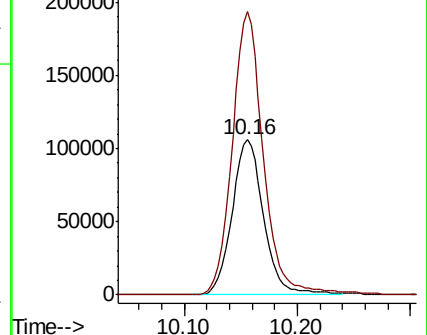
92 100

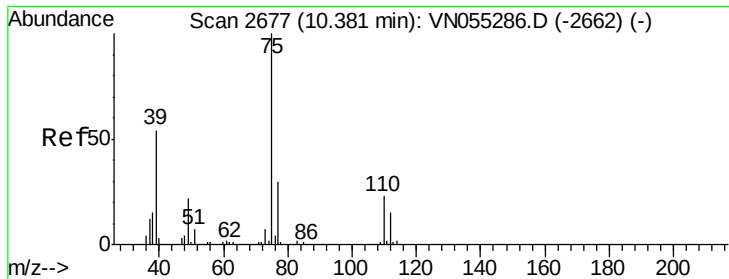
91 179.9 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

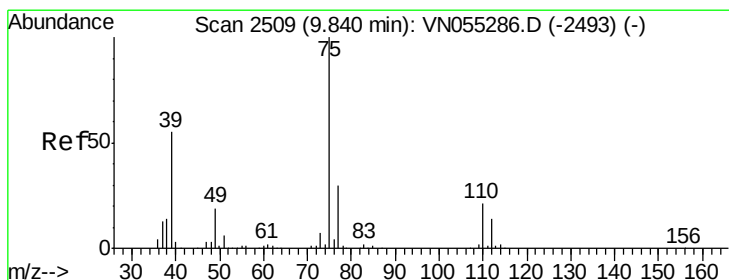
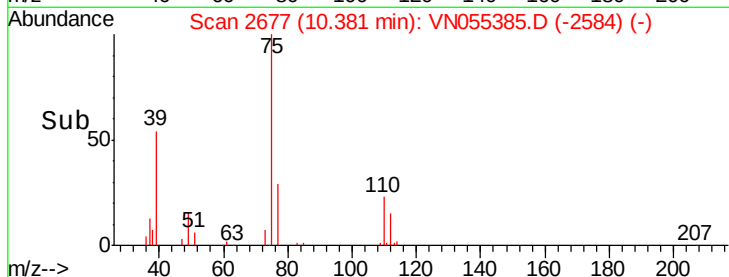
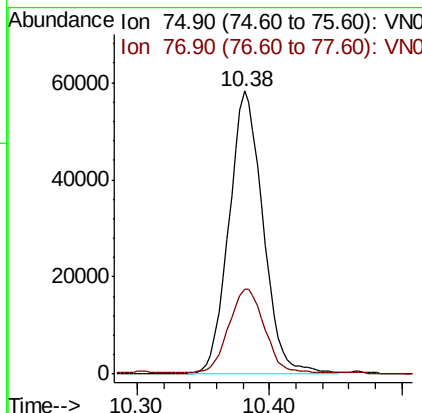
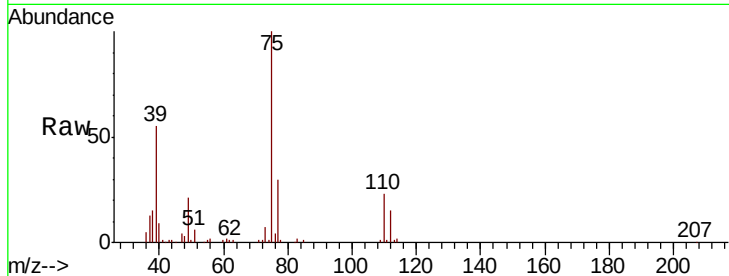




#53
t-1,3-Dichloropropene
Concen: 19.113 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

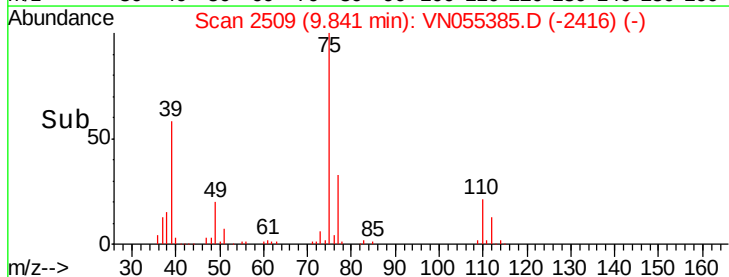
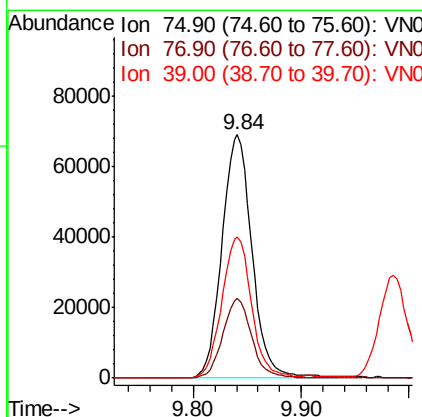
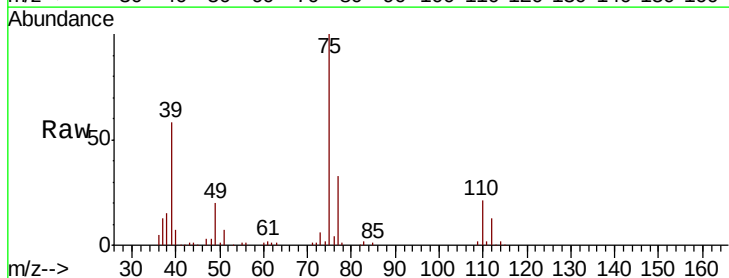
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

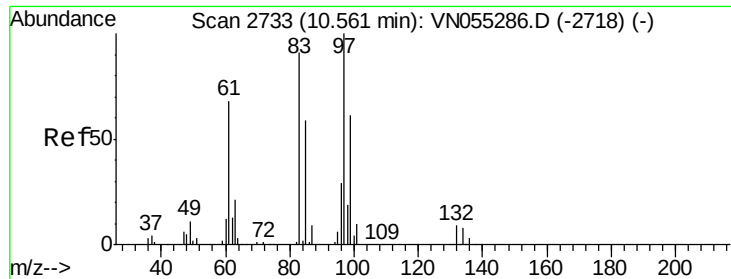
Tot Ion: 75 Resp: 104190
Ion Ratio Lower Upper
75 100
77 29.5 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 75 Resp: 133947
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.2
39 57.5 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 20.251 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

Tot Ion: 97 Resp: 80113

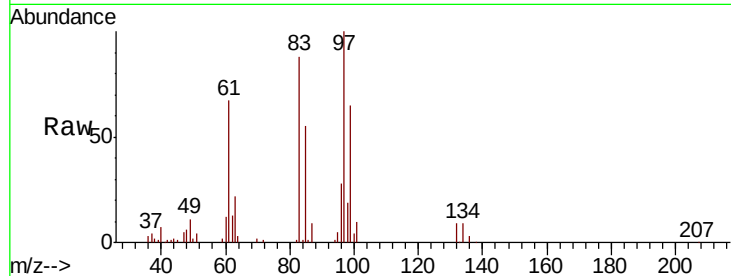
Ion Ratio Lower Upper

97 100

83 88.4 72.8 109.2

85 54.7 47.0 70.6

99 65.3 49.0 73.4

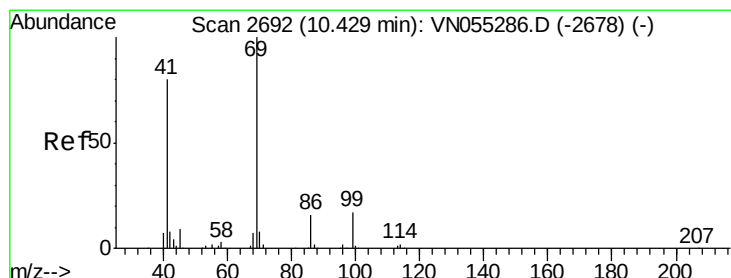
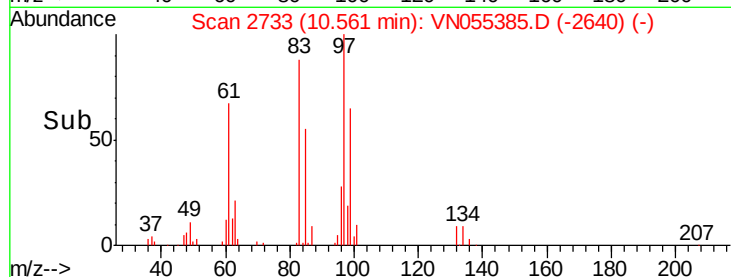
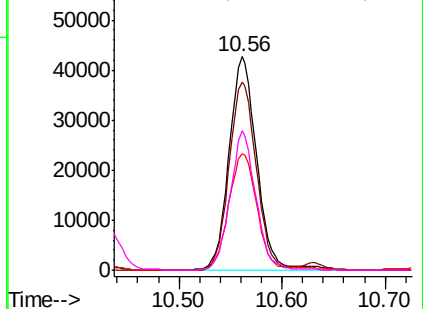


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.877 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

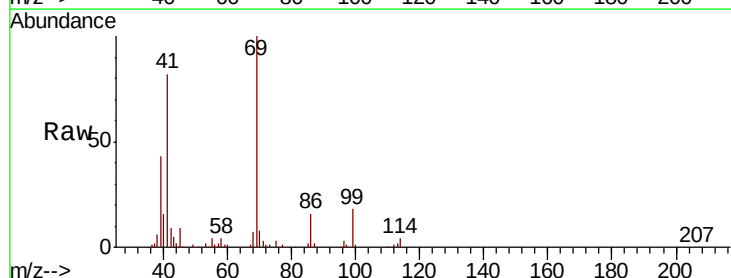
Tgt Ion: 69 Resp: 96785

Ion Ratio Lower Upper

69 100

41 77.1 62.7 94.1

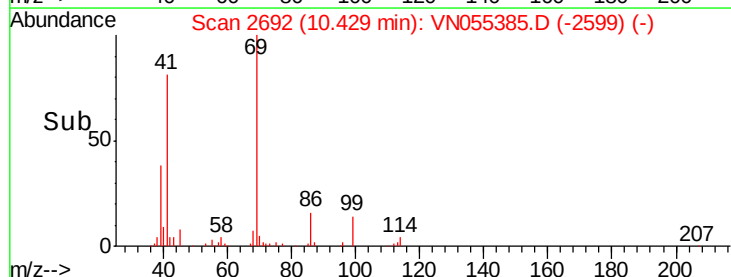
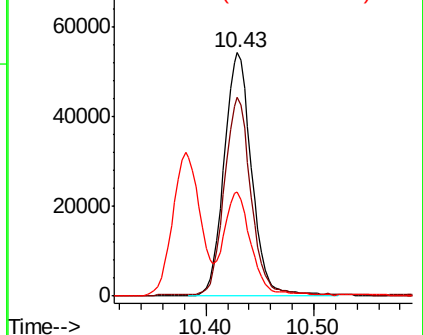
39 41.2 32.0 48.0

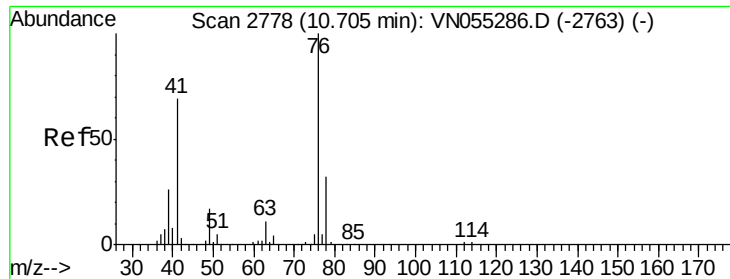


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.776 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

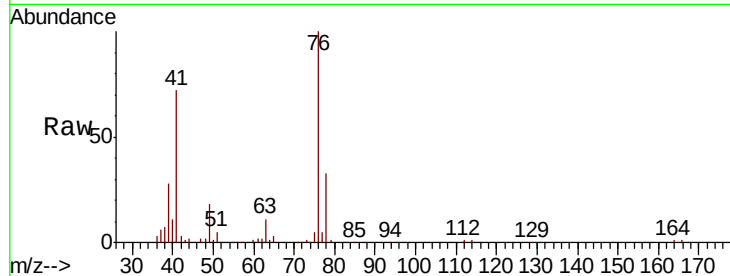
VN0503MBSD01

Tot Ion: 76 Resp: 137241

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

80000

60000

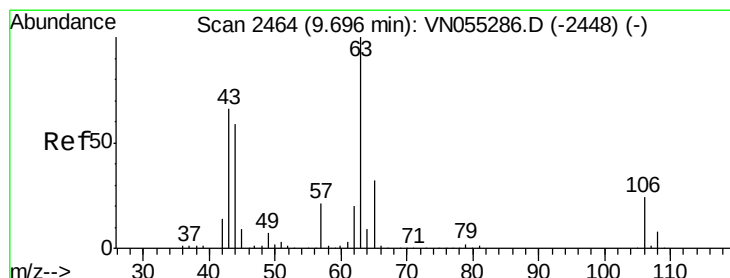
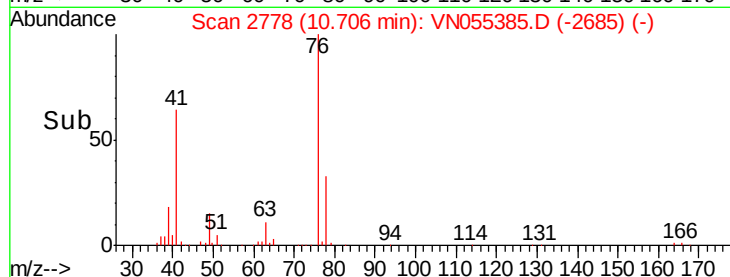
40000

20000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 74.291 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055385.D

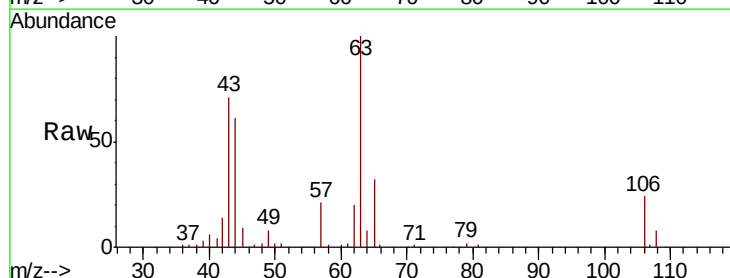
Acq: 3 May 2019 13:17

Tgt Ion: 63 Resp: 98401

Ion Ratio Lower Upper

63 100

106 23.3 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

60000

50000

40000

30000

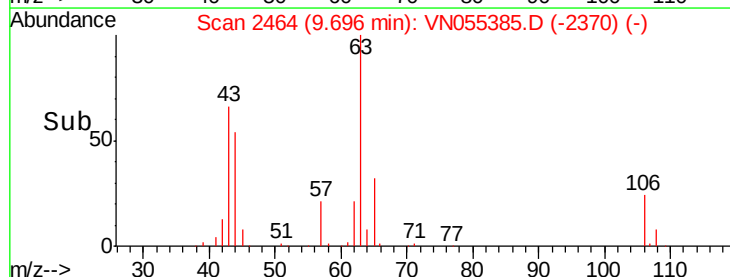
20000

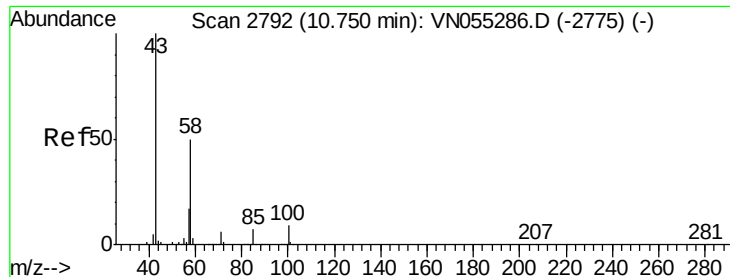
10000

0

Time-->

9.60 9.65 9.70 9.75 9.80

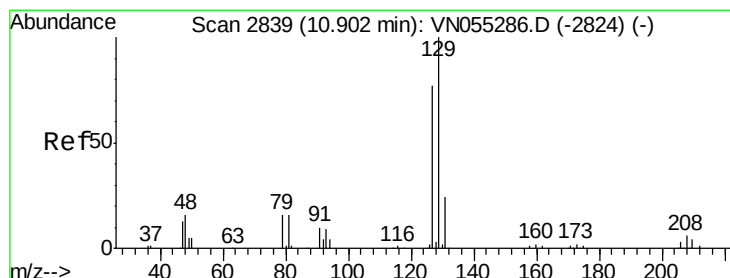
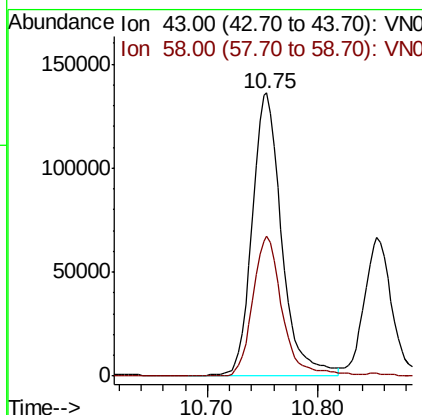
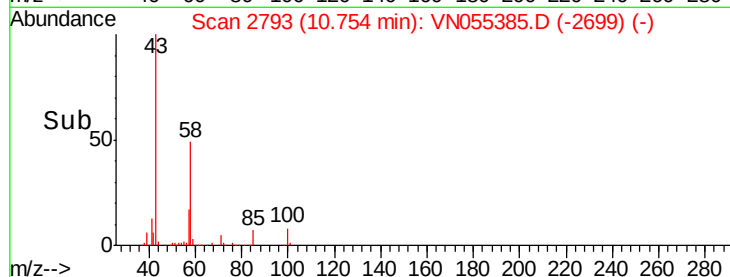
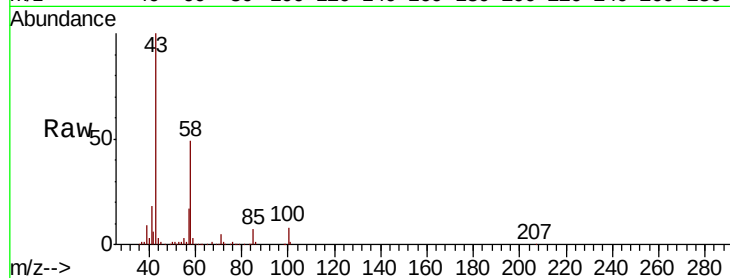




#59
2-Hexanone
Concen: 92.075 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

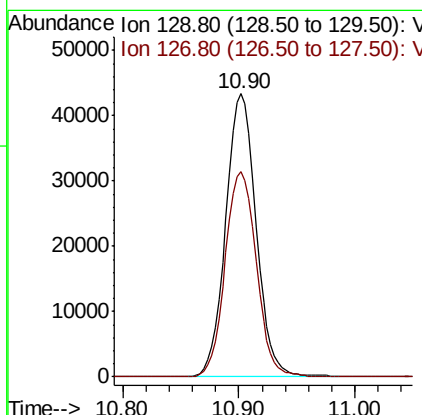
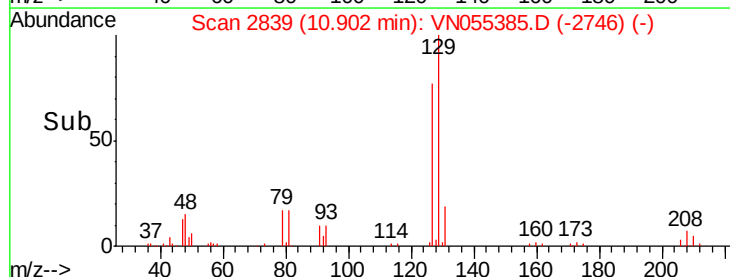
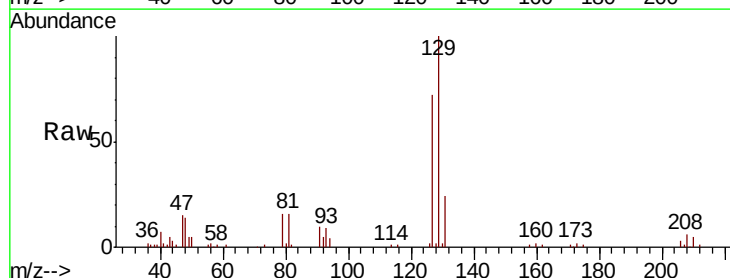
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBS01

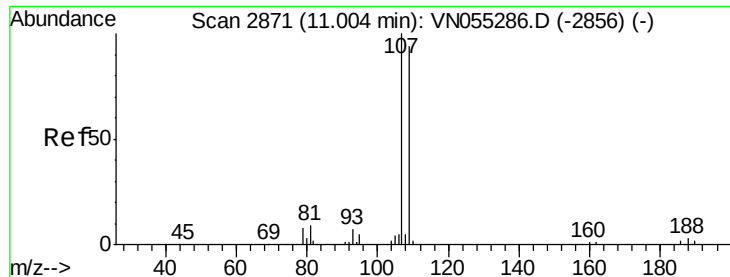
Tot Ion: 43 Resp: 251615
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 129 Resp: 79034
Ion Ratio Lower Upper
129 100
127 74.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.495 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

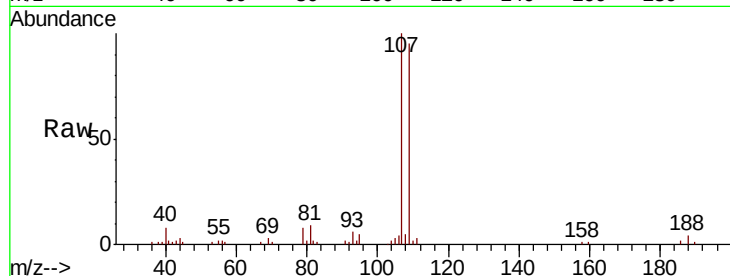
VN0503MBSD01

Tot Ion:107 Resp: 71281

Ion Ratio Lower Upper

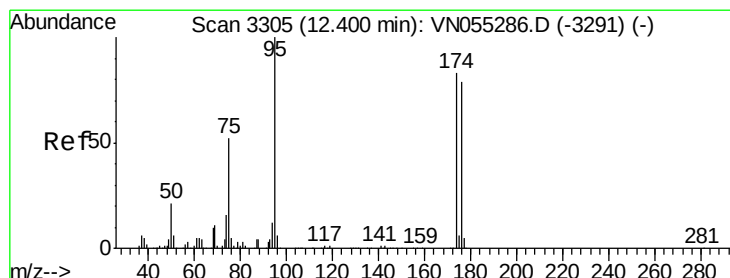
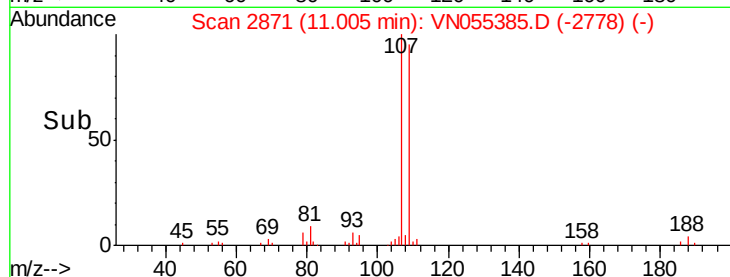
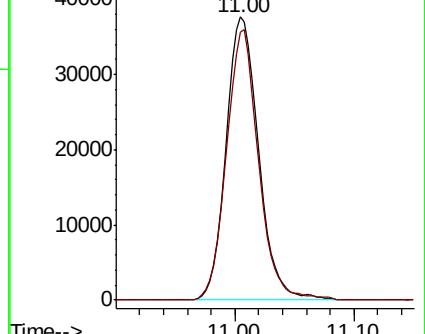
107 100

109 94.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.845 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

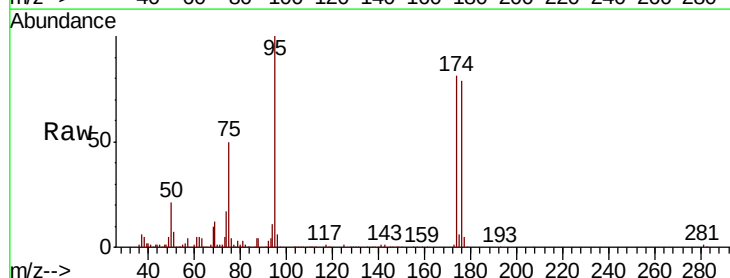
Tgt Ion: 95 Resp: 247649

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.6

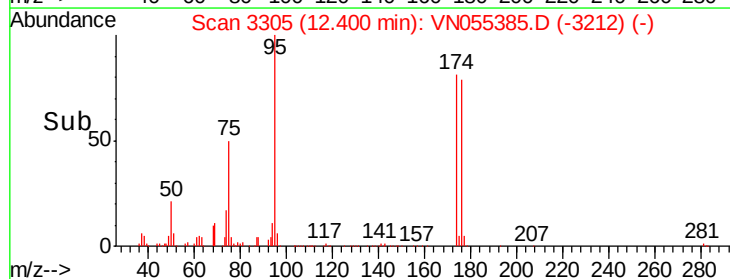
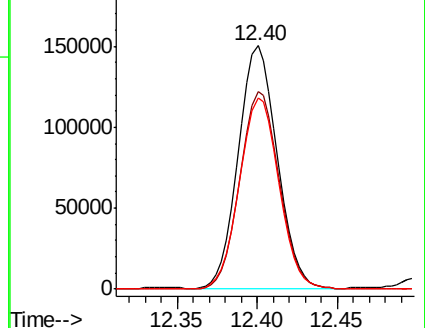
176 80.4 0.0 157.8

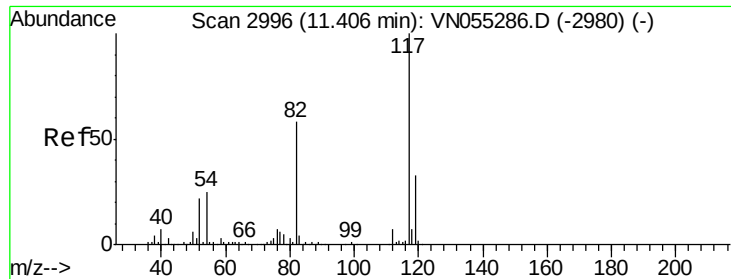


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

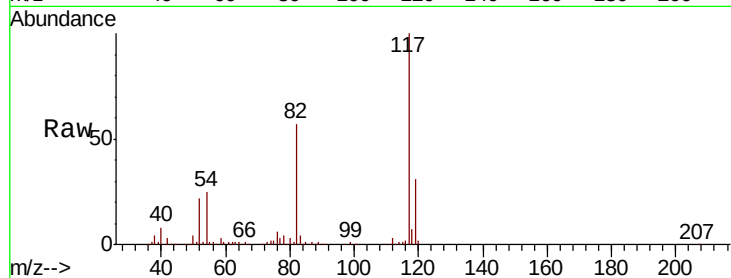




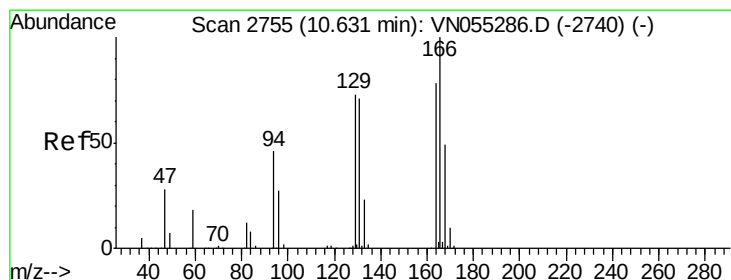
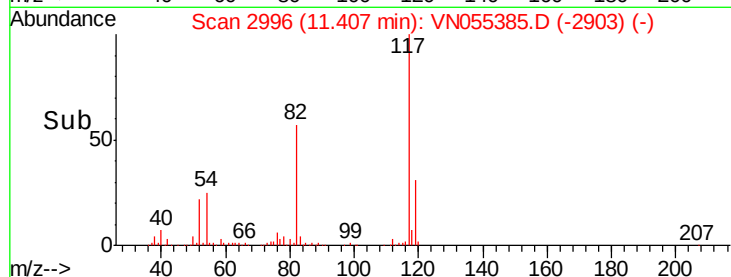
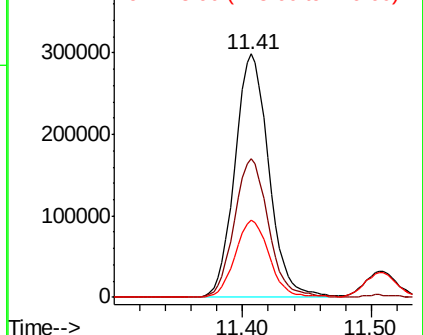
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

Tot Ion:117 Resp: 547859
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.5 26.6 40.0

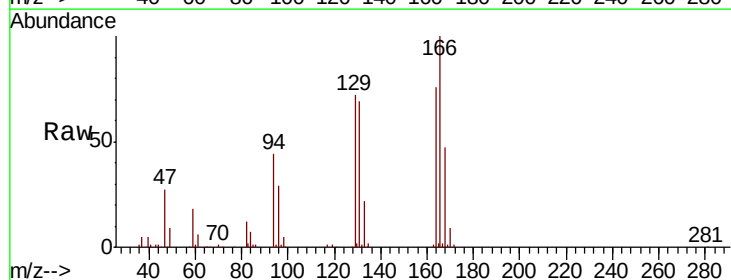


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

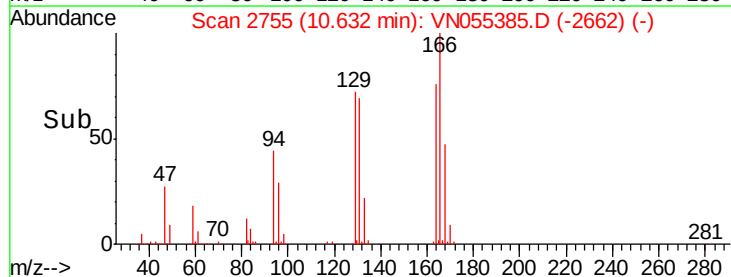
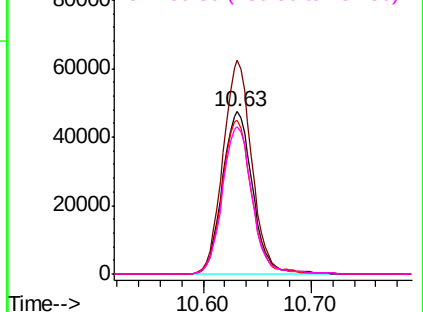


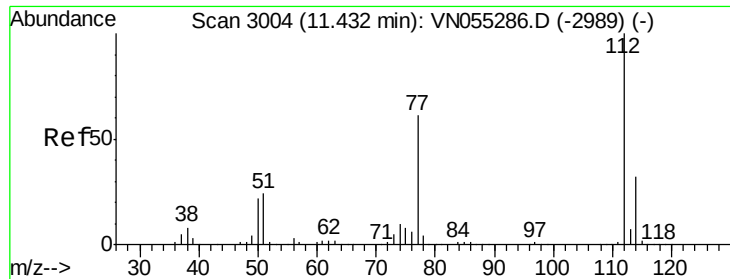
#64
Tetrachloroethene
Concen: 20.566 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion:164 Resp: 92143
Ion Ratio Lower Upper
164 100
166 131.6 102.3 153.5
129 94.9 75.0 112.6
131 90.8 72.7 109.1



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

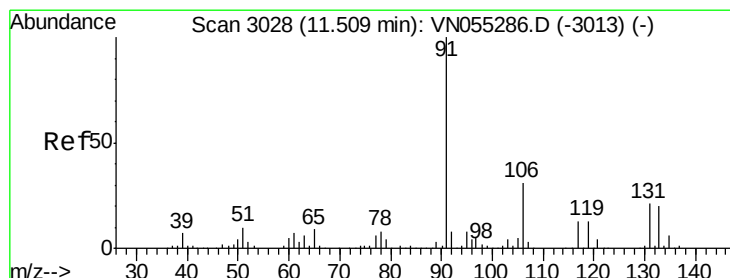
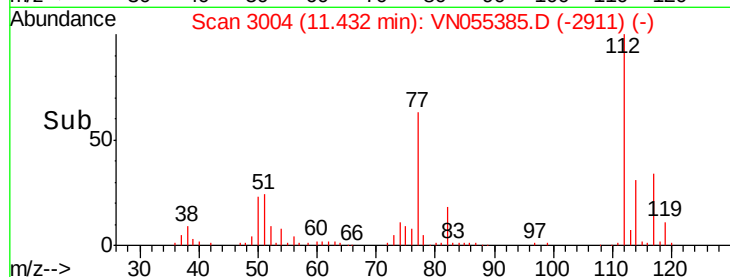
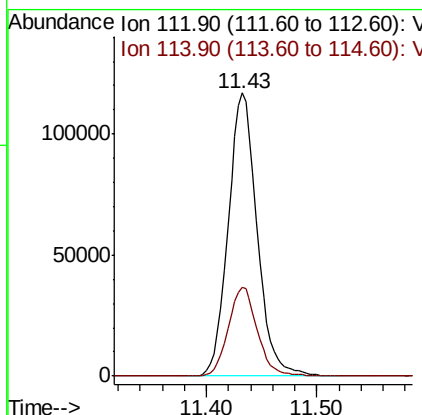
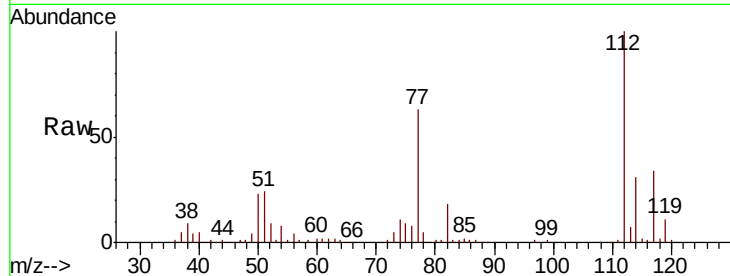




#65
Chlorobenzene
Concen: 19.816 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

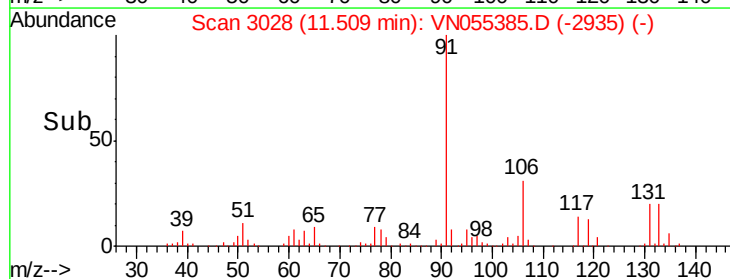
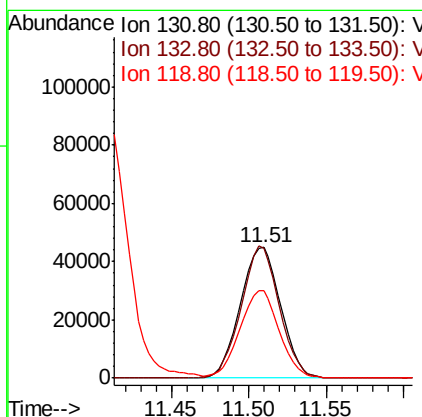
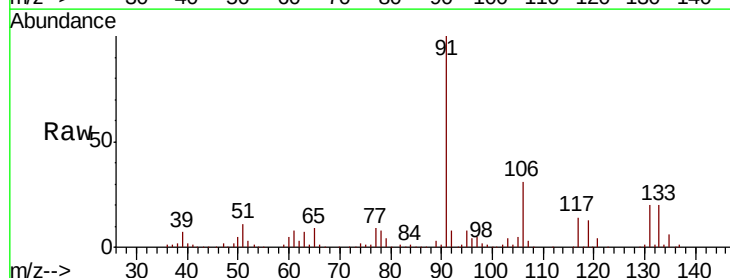
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBS01

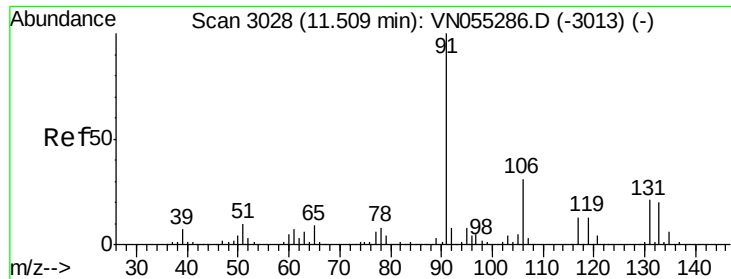
Tot Ion:112 Resp: 212260
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.408 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion:131 Resp: 81401
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.2 32.7 98.1

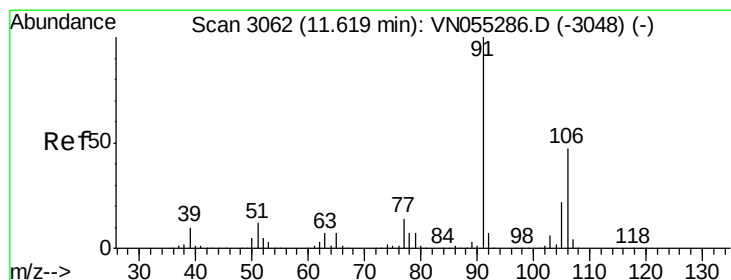
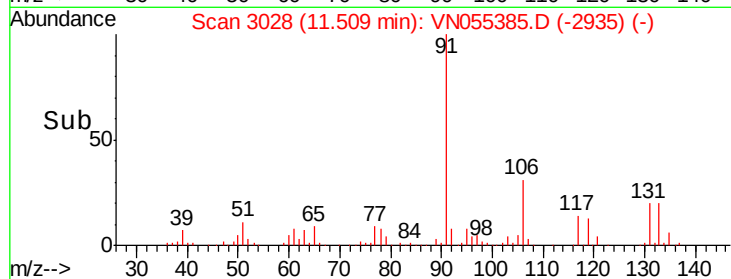
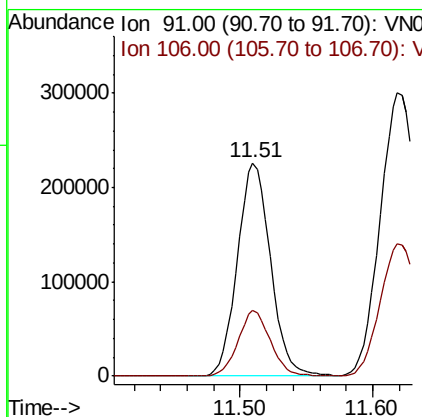
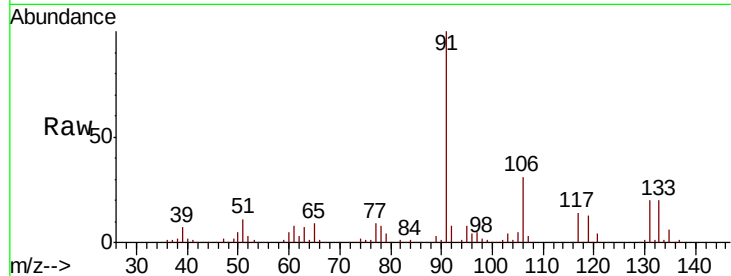




#67
Ethyl Benzene
Concen: 20.294 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

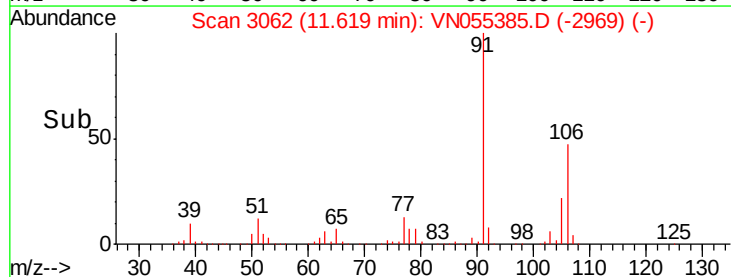
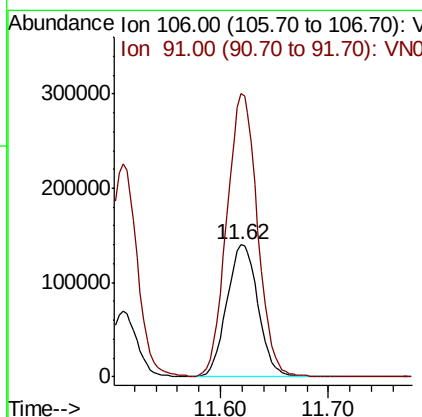
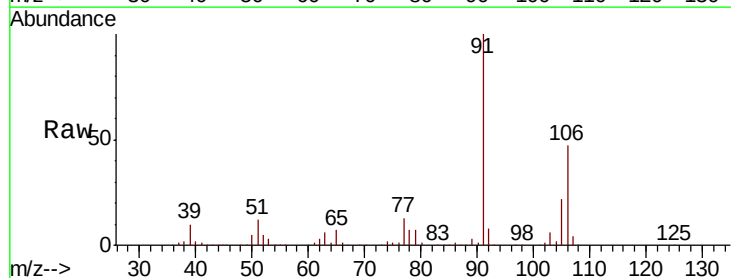
Instrument :
MSVOA_N
ClientSampled :
VN0503MBSD01

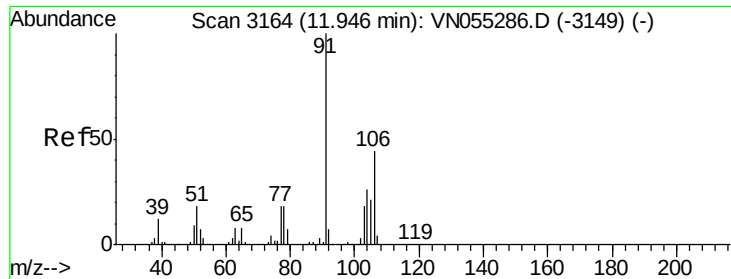
Tot Ion: 91 Resp: 392546
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 40.916 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion: 106 Resp: 282491
Ion Ratio Lower Upper
106 100
91 210.9 169.5 254.3

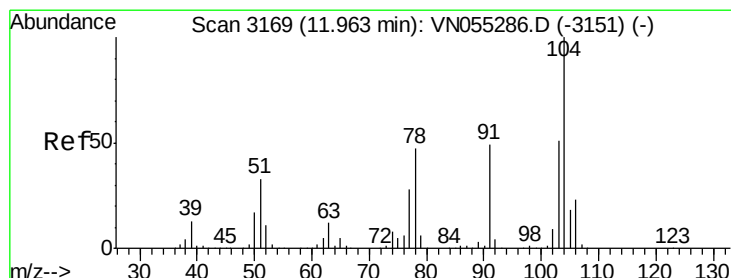
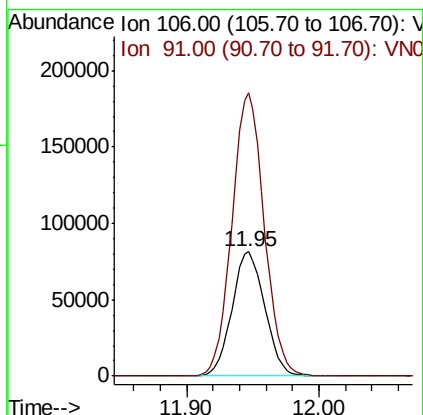
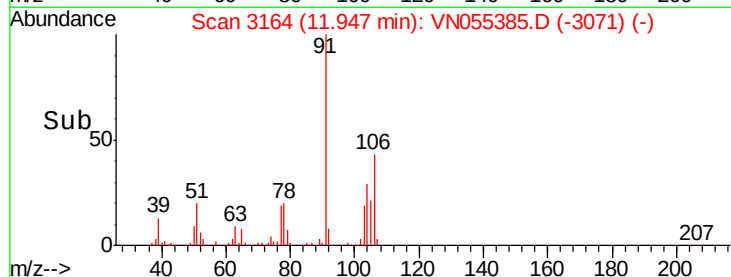
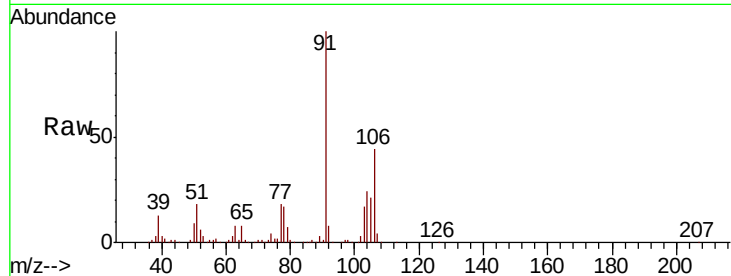




#69
o-Xylene
Concen: 20.510 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

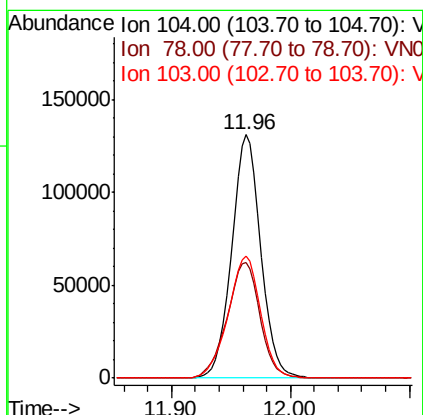
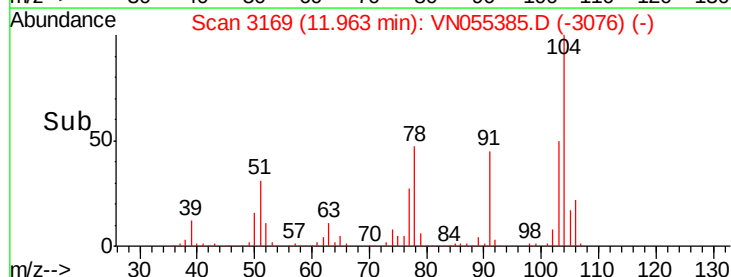
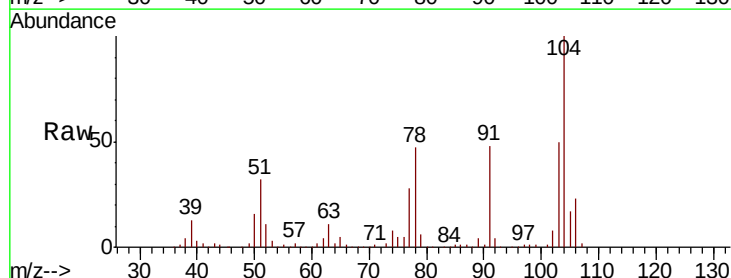
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBSD01

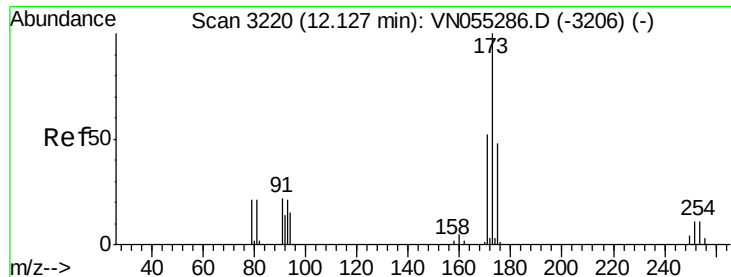
Tot Ion:106 Resp: 140355
Ion Ratio Lower Upper
106 100
91 223.3 111.5 334.5



#70
Styrene
Concen: 21.082 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion:104 Resp: 221515
Ion Ratio Lower Upper
104 100
78 54.0 42.2 63.2
103 56.1 44.6 67.0





#71

Bromoform

Concen: 19.113 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

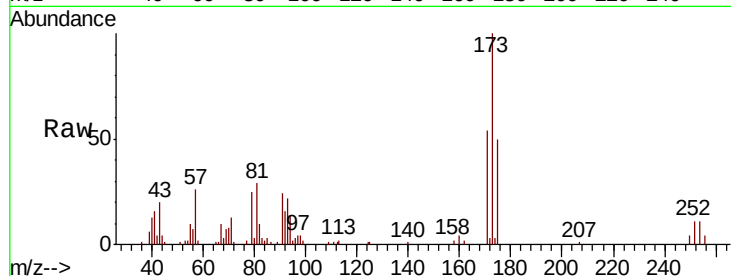
Tot Ion:173 Resp: 44483

Ion Ratio Lower Upper

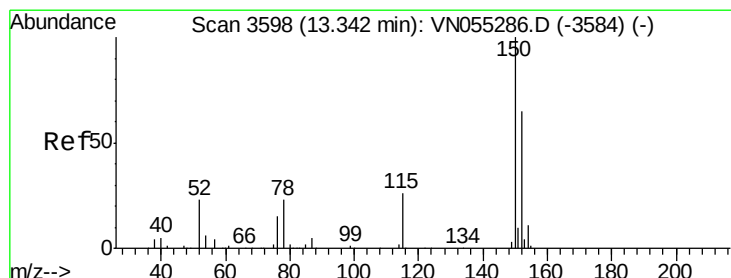
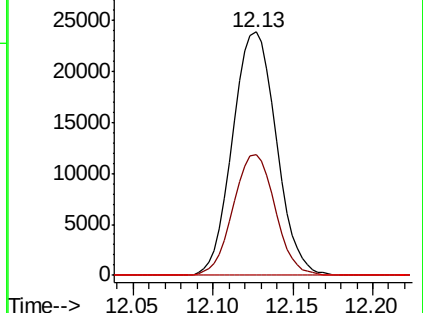
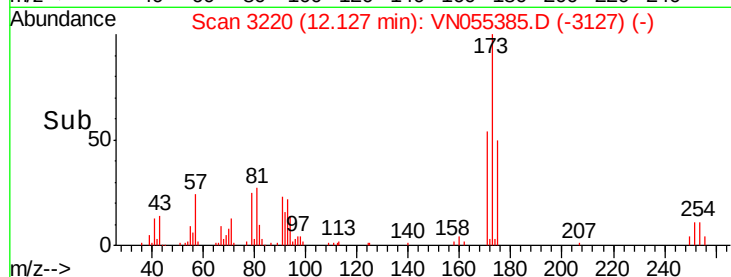
173 100

175 47.7 23.6 71.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

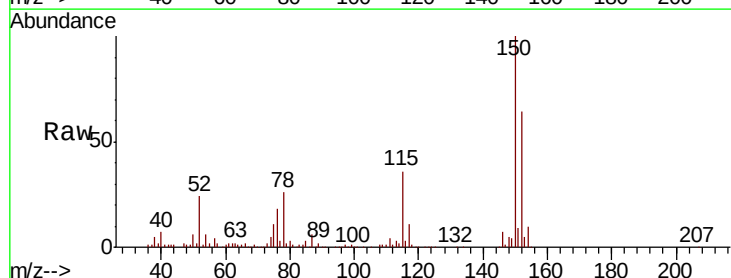
Tgt Ion:152 Resp: 205034

Ion Ratio Lower Upper

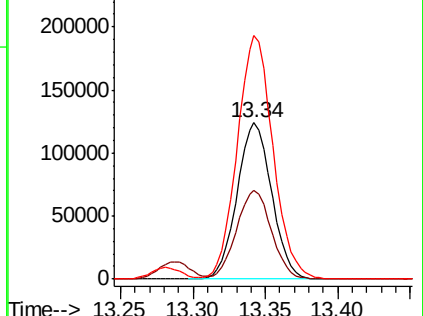
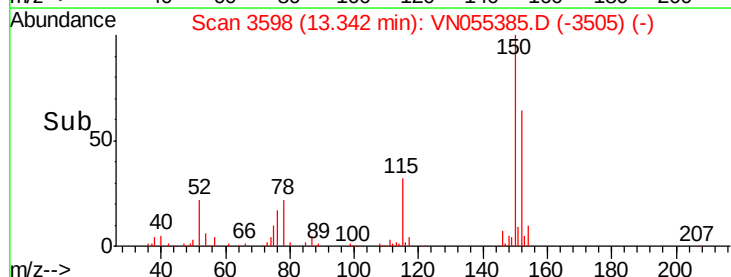
152 100

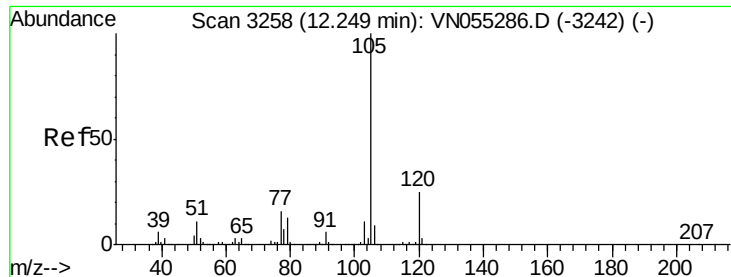
115 57.3 29.0 87.0

150 161.1 0.0 345.6



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





#73

Isopropylbenzene

Concen: 21.629 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

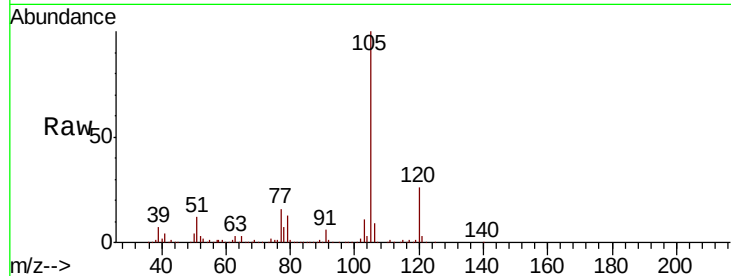
VN0503MBSD01

Tot Ion:105 Resp: 382136

Ion Ratio Lower Upper

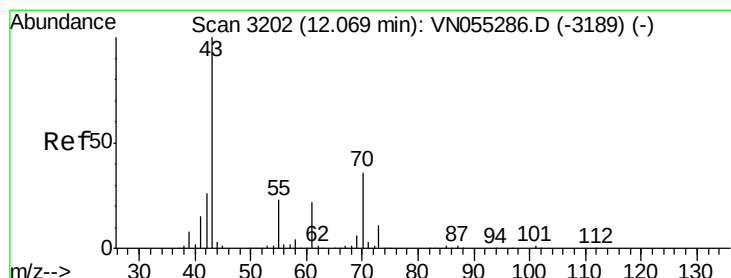
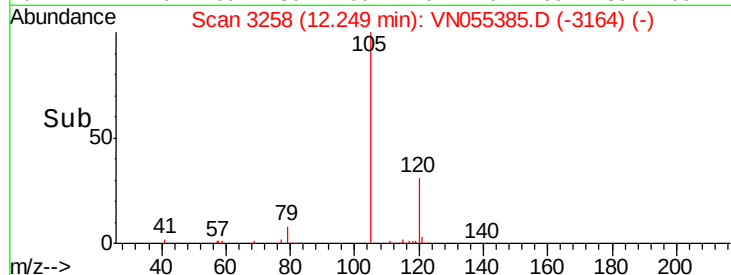
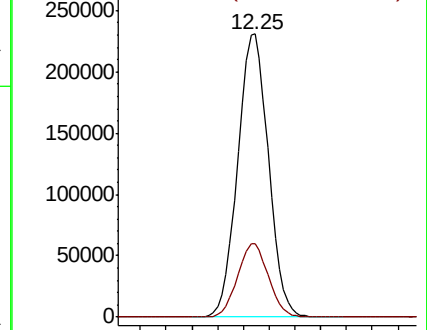
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.112 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Tgt Ion: 43 Resp: 111093

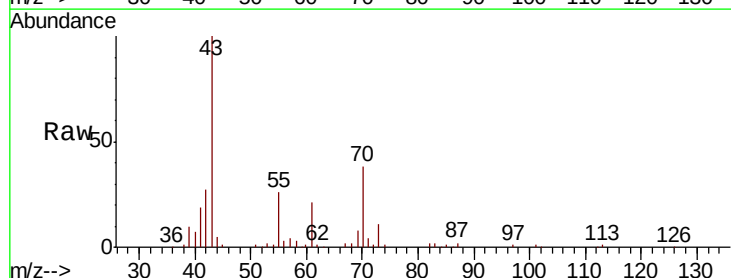
Ion Ratio Lower Upper

43 100

70 32.7 27.9 41.9

55 26.3 18.2 27.2

61 18.1 16.9 25.3

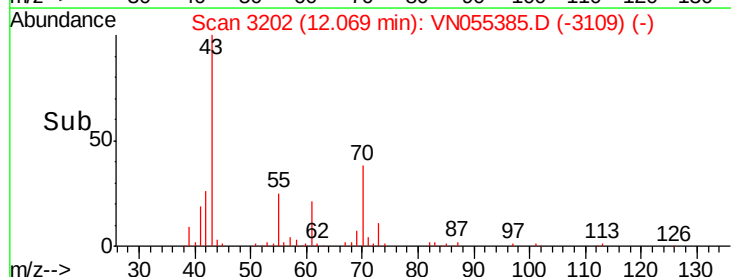
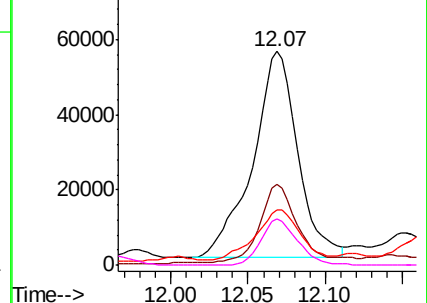


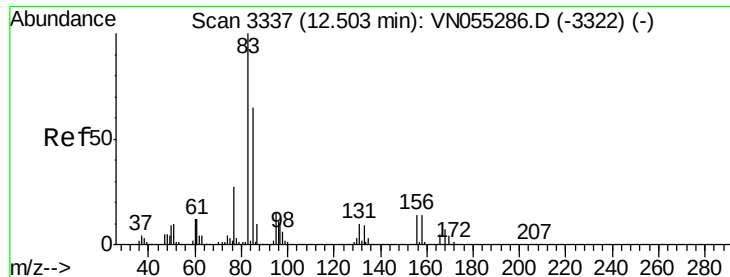
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.269 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

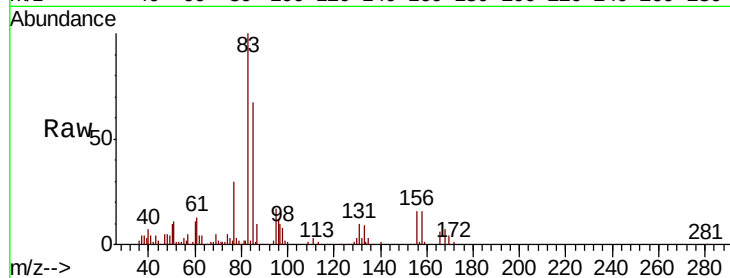
Tot Ion: 83 Resp: 90024

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

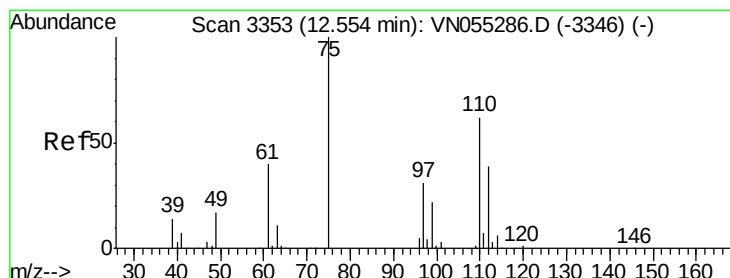
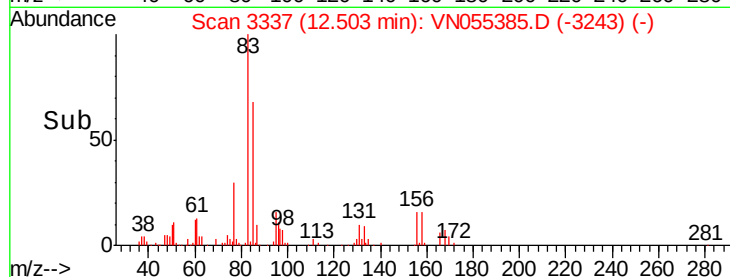
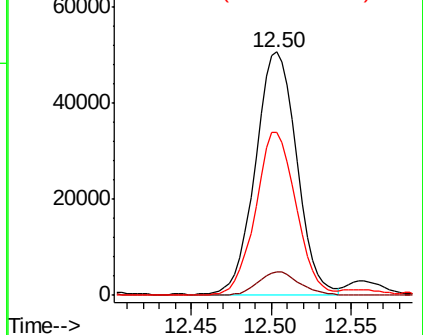
85 66.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055385.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055385.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055385.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.523 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055385.D

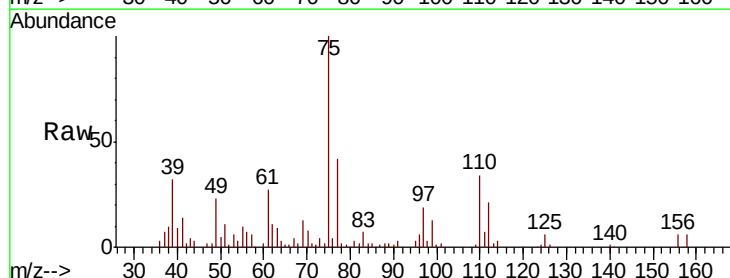
Acq: 3 May 2019 13:17

Tgt Ion: 75 Resp: 105585

Ion Ratio Lower Upper

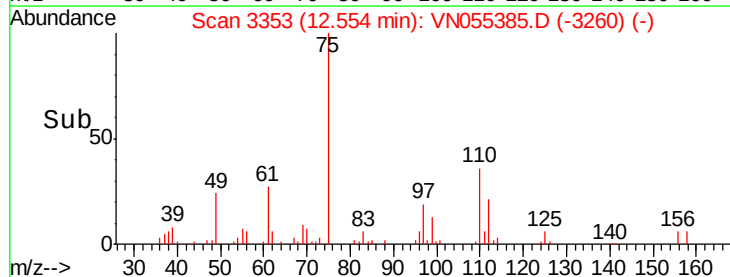
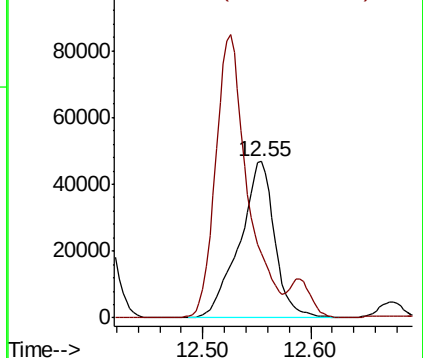
75 100

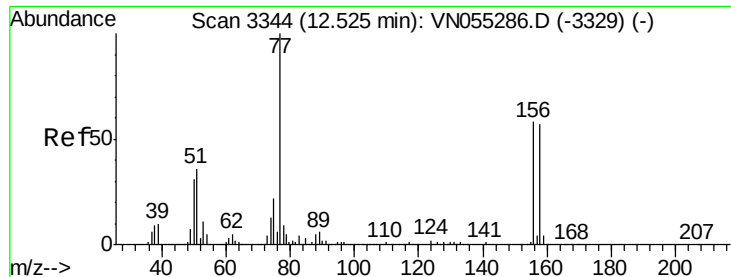
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055385.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055385.D (-3260) (-)





#77

Bromobenzene

Concen: 20.457 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

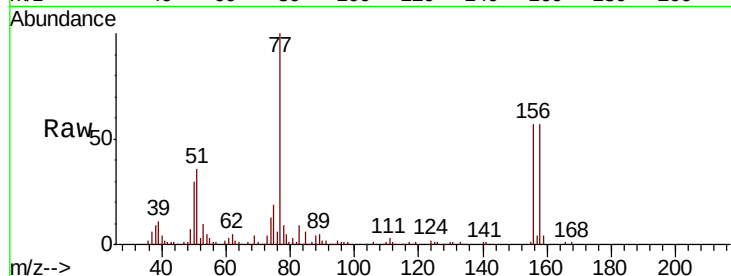
Tot Ion:156 Resp: 85110

Ion Ratio Lower Upper

156 100

77 205.1 99.6 298.8

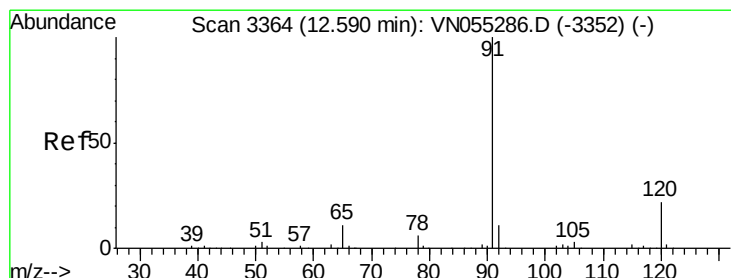
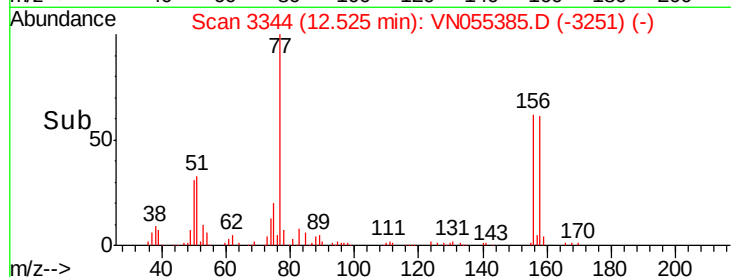
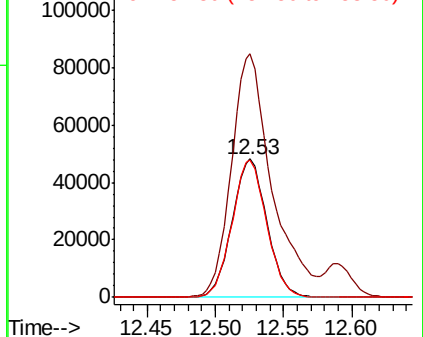
158 98.6 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.720 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055385.D

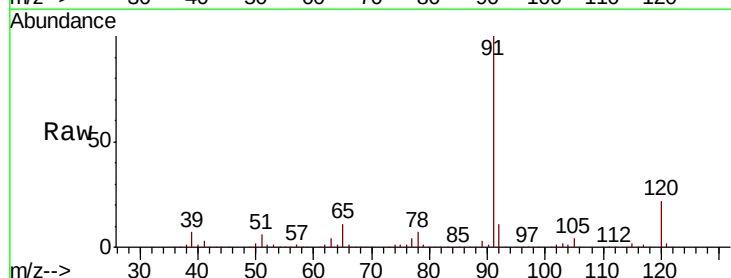
Acq: 3 May 2019 13:17

Tgt Ion: 91 Resp: 415333

Ion Ratio Lower Upper

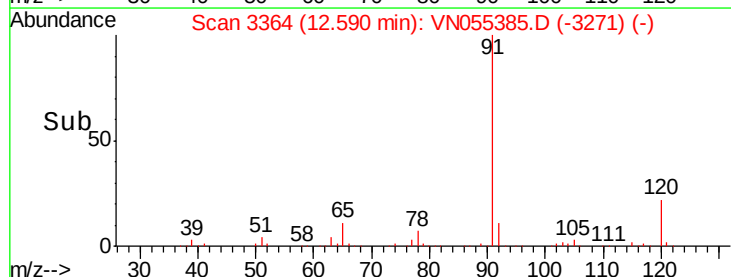
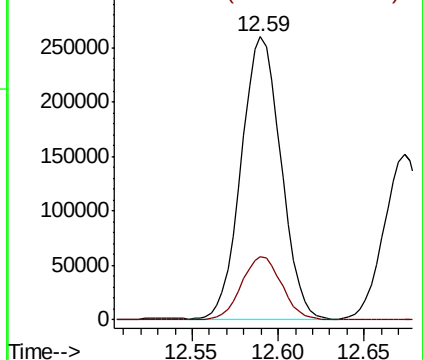
91 100

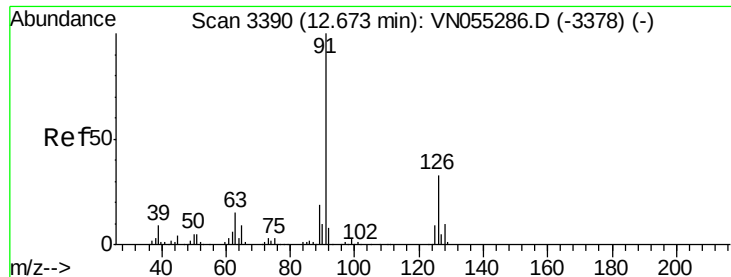
120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.404 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

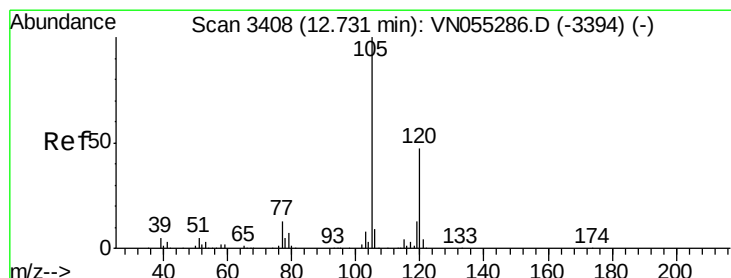
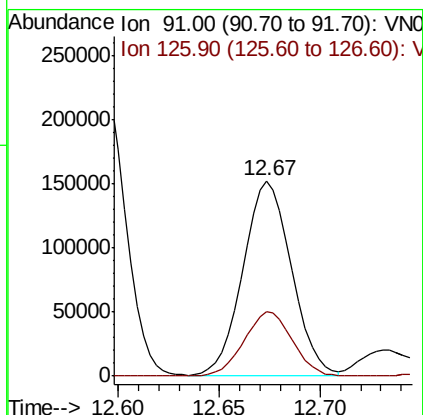
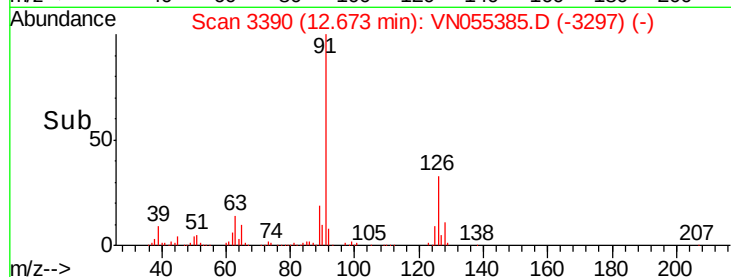
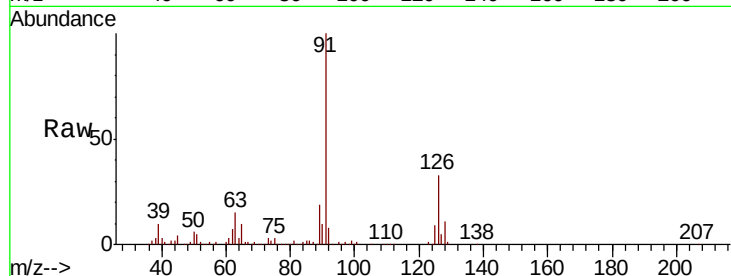
VN0503MBSD01

Tot Ion: 91 Resp: 254762

Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 19.172 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055385.D

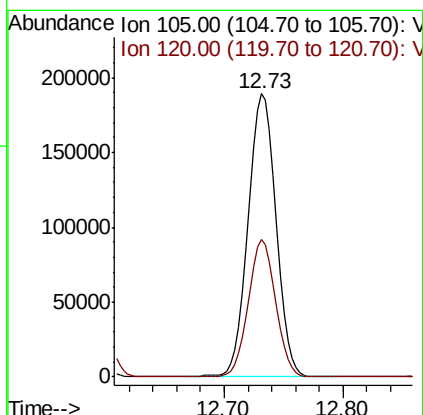
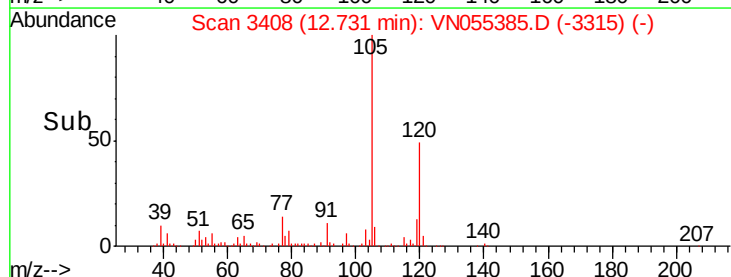
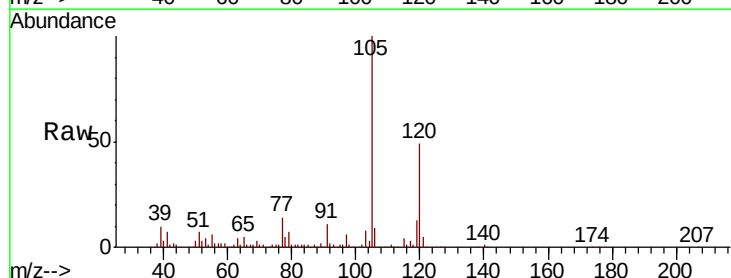
Acq: 3 May 2019 13:17

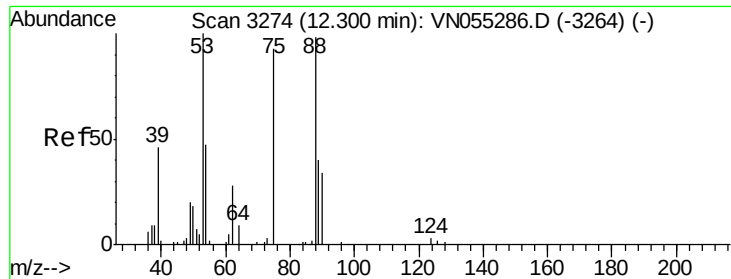
Tgt Ion: 105 Resp: 308178

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.654 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

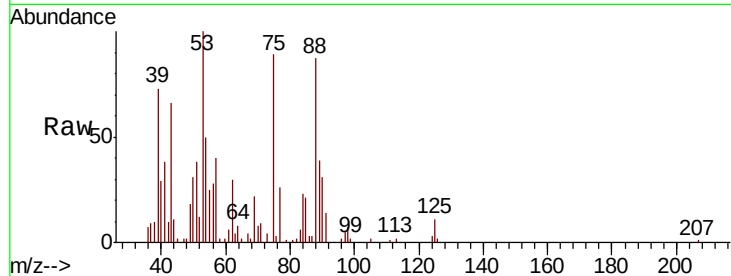
Tot Ion: 75 Resp: 19101

Ion Ratio Lower Upper

75 100

53 132.5 86.3 129.5#

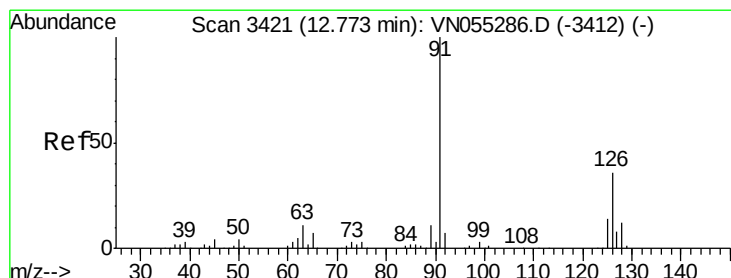
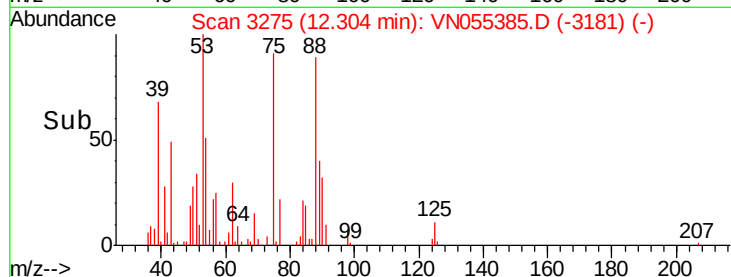
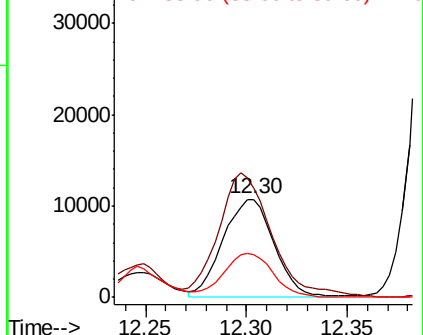
89 42.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.086 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055385.D

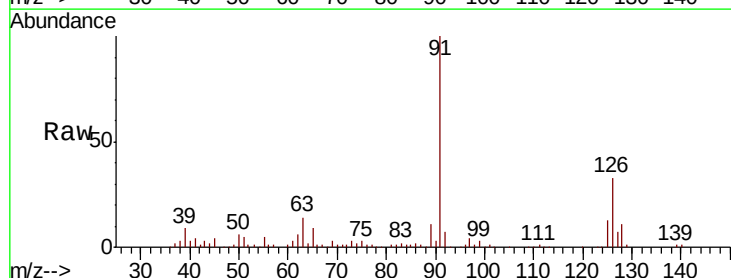
Acq: 3 May 2019 13:17

Tgt Ion: 91 Resp: 233723

Ion Ratio Lower Upper

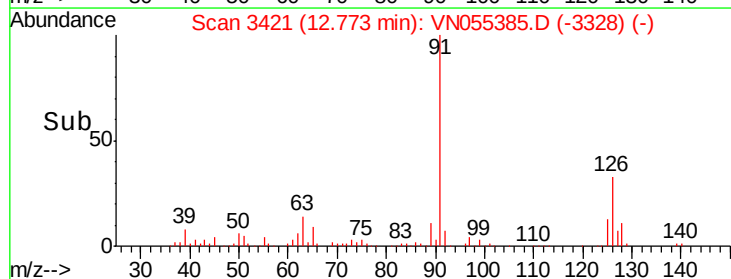
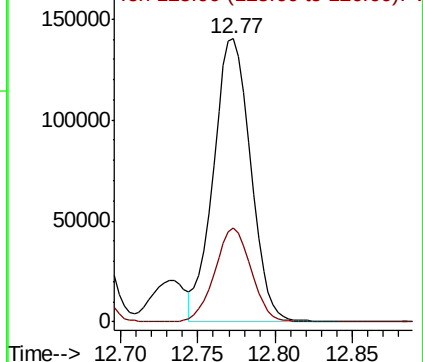
91 100

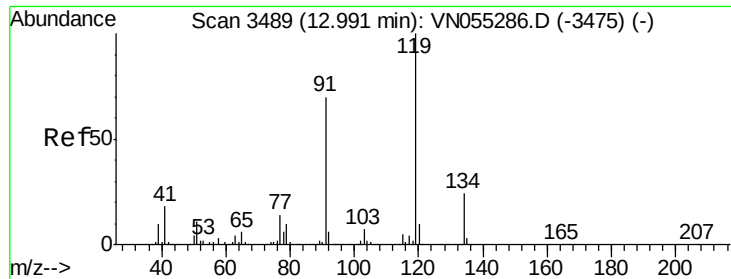
126 32.7 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

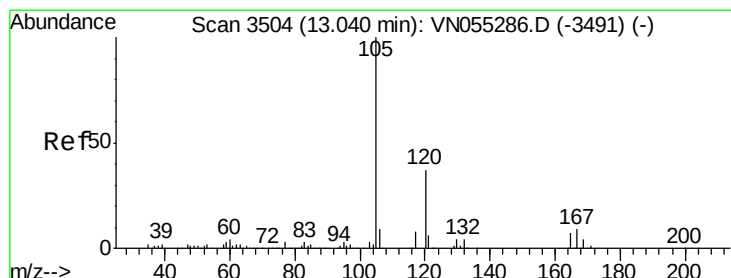
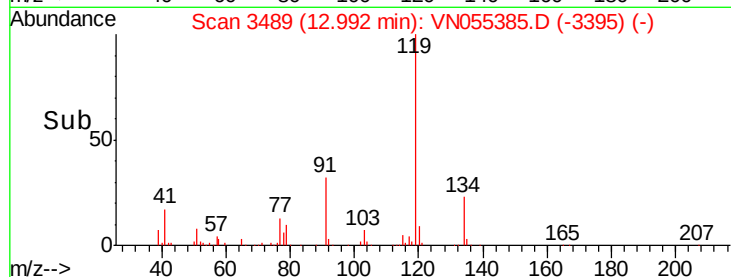
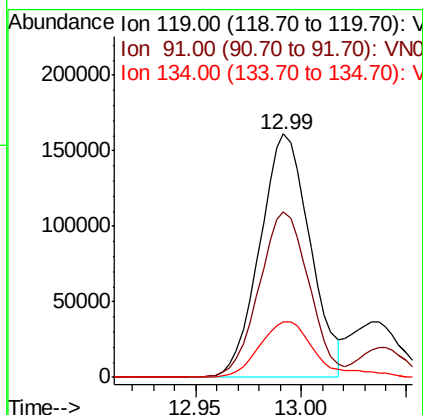
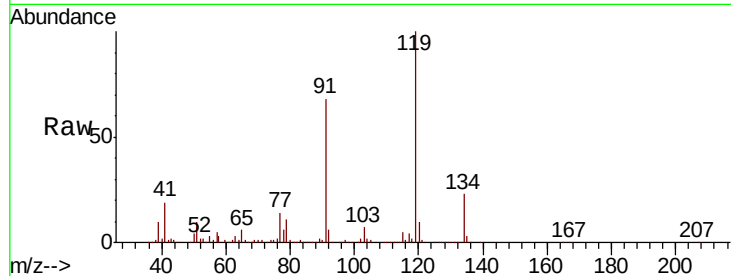




#83
tert-Butylbenzene
Concen: 21.849 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

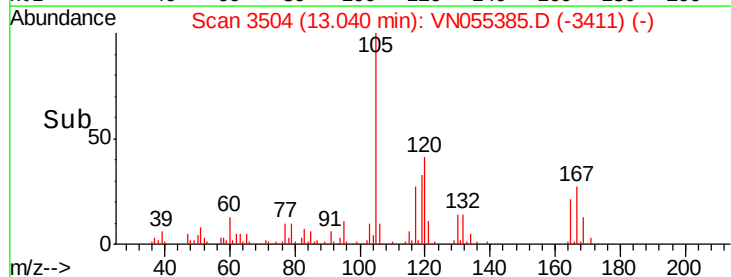
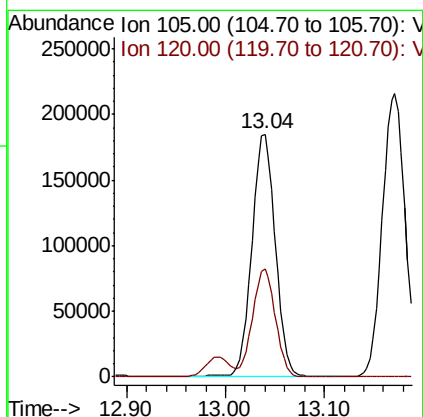
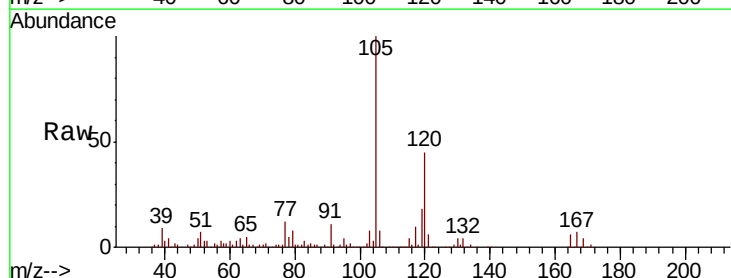
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBS01

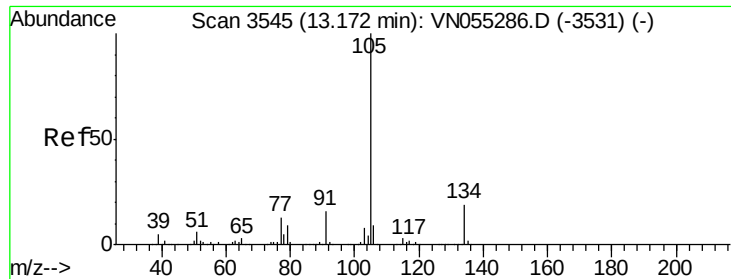
Tot Ion:119 Resp: 267230
Ion Ratio Lower Upper
119 100
91 67.7 34.3 102.9
134 25.8 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.052 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055385.D
Acq: 3 May 2019 13:17

Tgt Ion:105 Resp: 302635
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.897 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

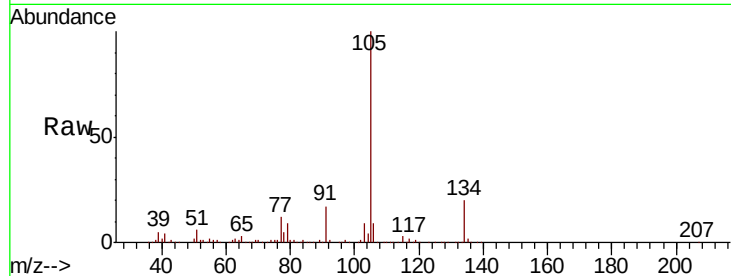
VN0503MBSD01

Tot Ion:105 Resp: 347613

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

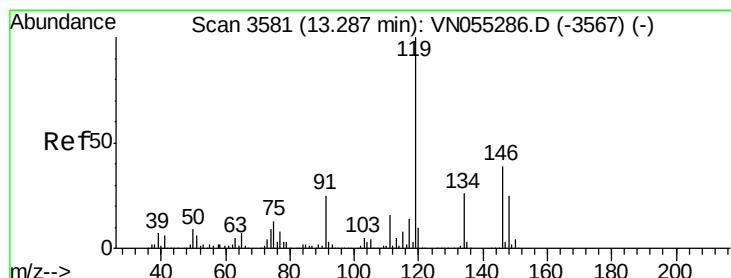
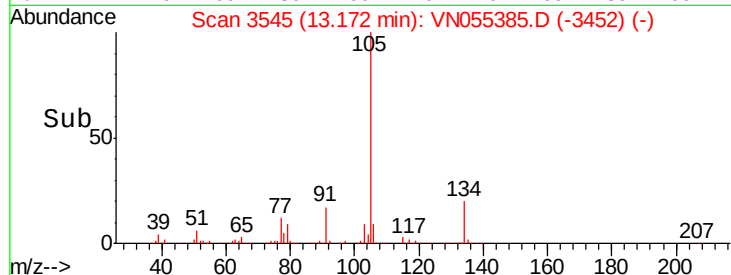
100000

50000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.988 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

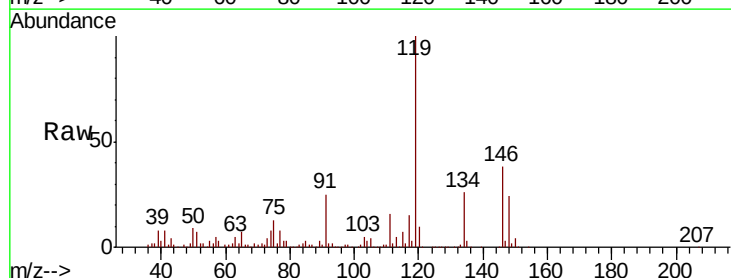
Tgt Ion:119 Resp: 287016

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 24.6 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

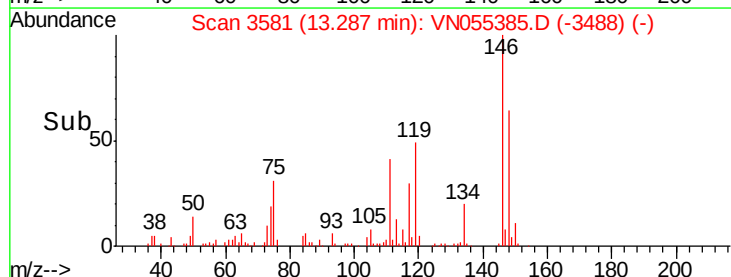
100000

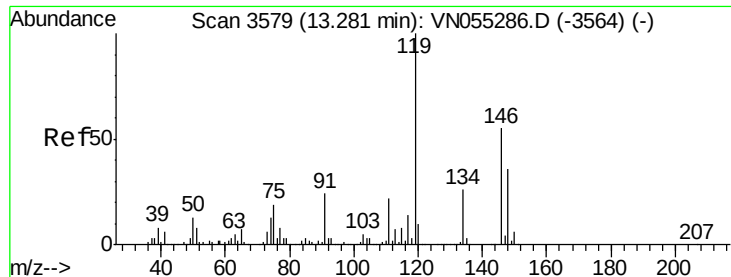
50000

0

13.20 13.25 13.30 13.35

Time-->

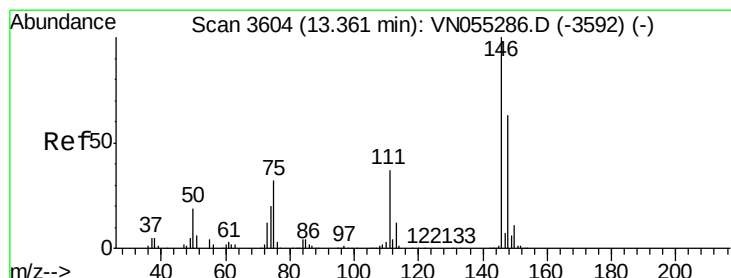
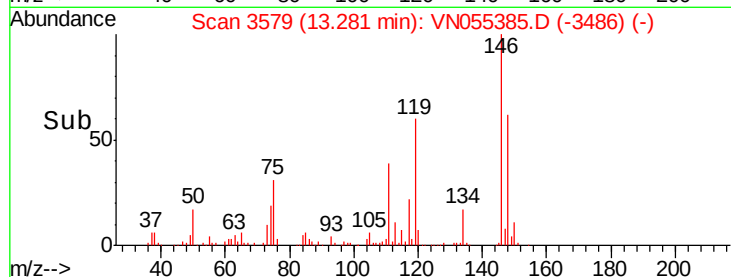
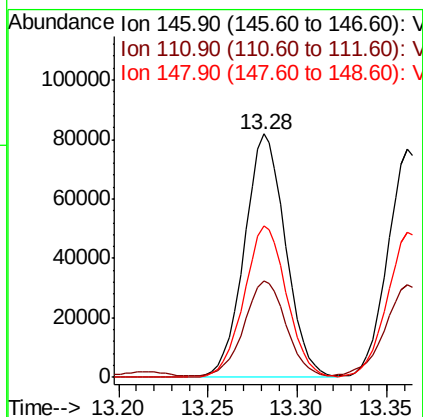
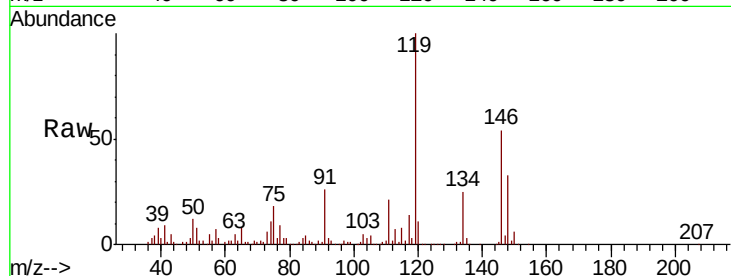




#87
 1,3-Dichlorobenzene
 Concen: 19.295 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

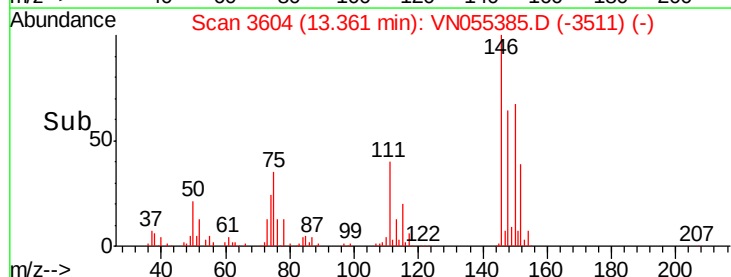
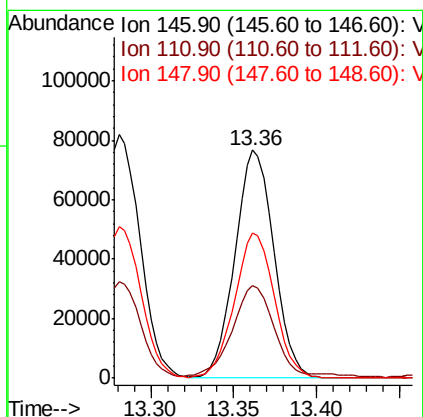
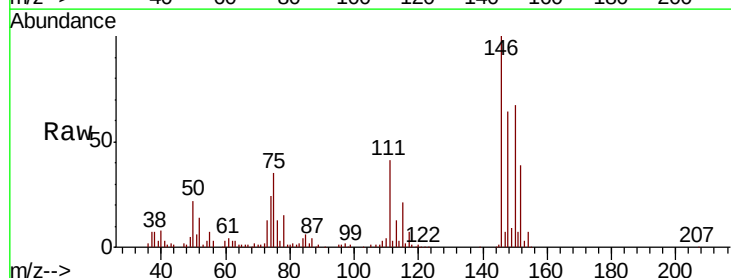
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

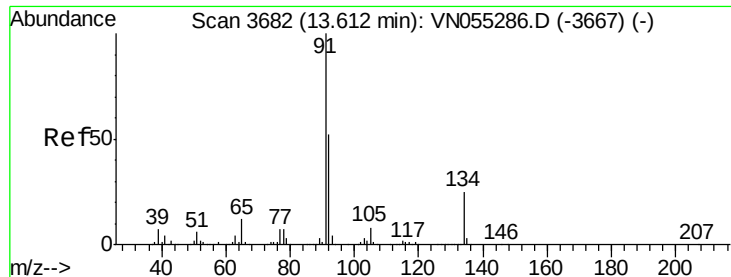
Tot Ion:146 Resp: 132384
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 63.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion:146 Resp: 124584
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.5 58.5
 148 65.6 32.5 97.4





#89

n-Butylbenzene

Concen: 20.523 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0503MBSD01

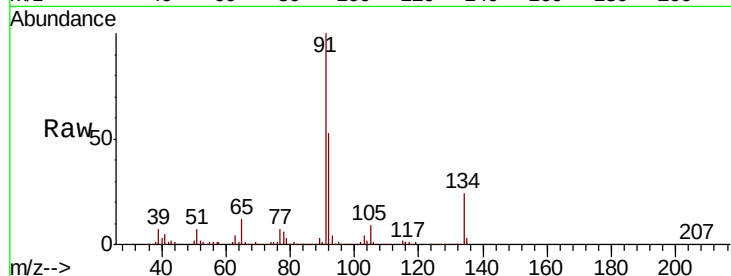
Tot Ion: 91 Resp: 209408

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.3 12.4 37.4

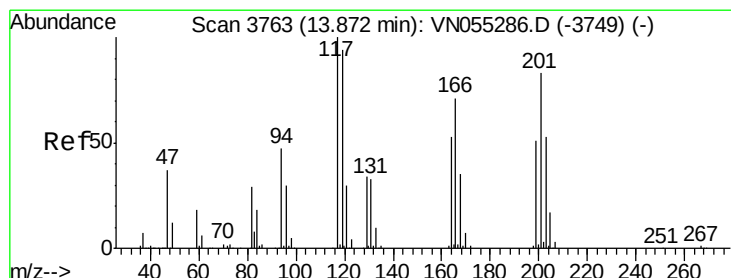
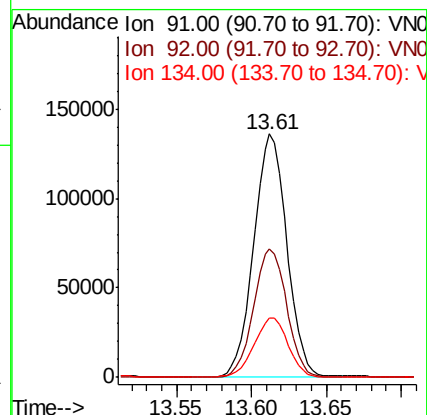
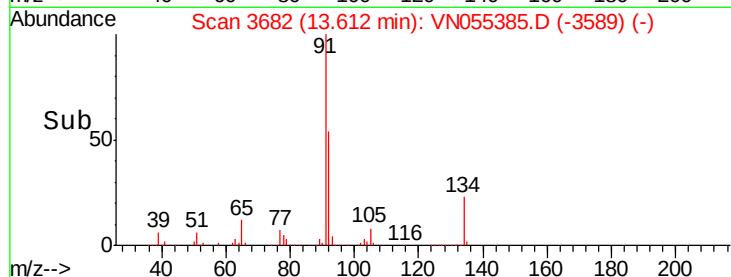


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 19.510 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055385.D

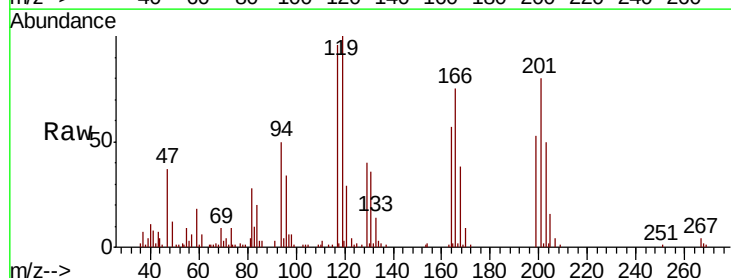
Acq: 3 May 2019 13:17

Tgt Ion: 117 Resp: 46544

Ion Ratio Lower Upper

117 100

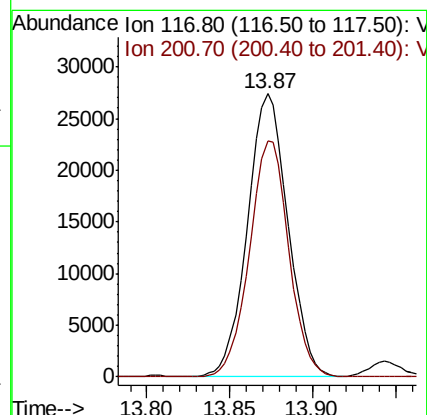
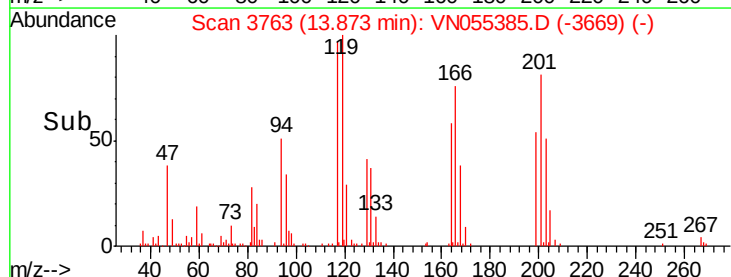
201 80.8 41.9 125.8

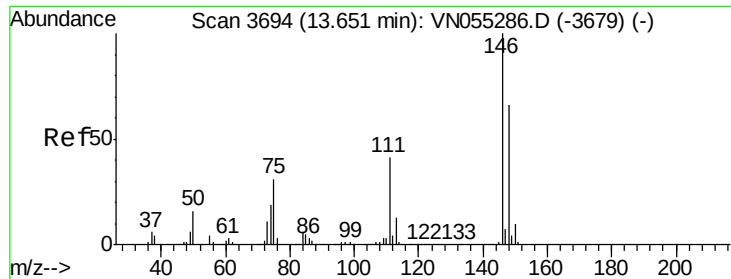


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

Time-->

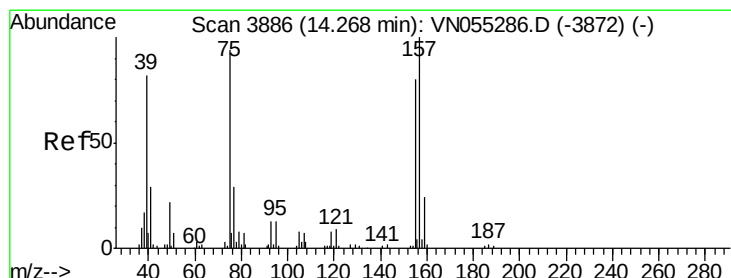
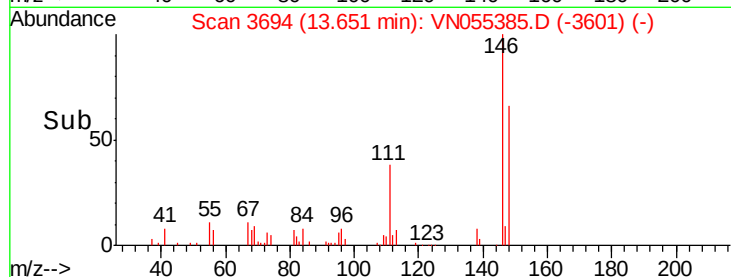
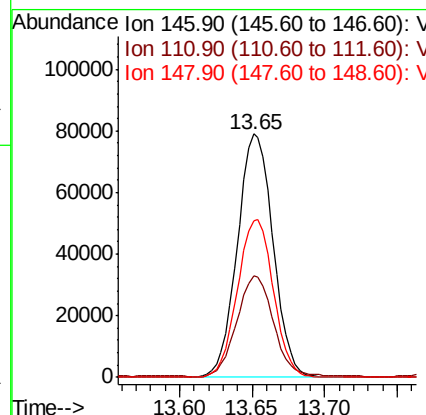
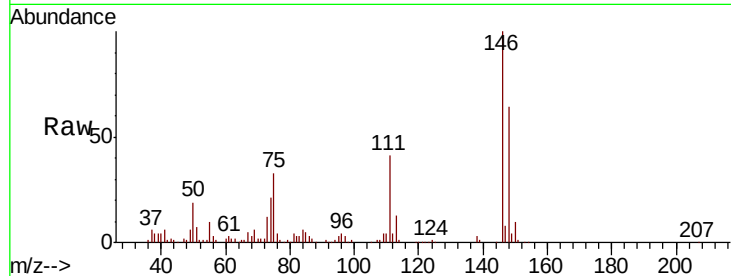




#91
 1,2-Dichlorobenzene
 Concen: 19.874 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

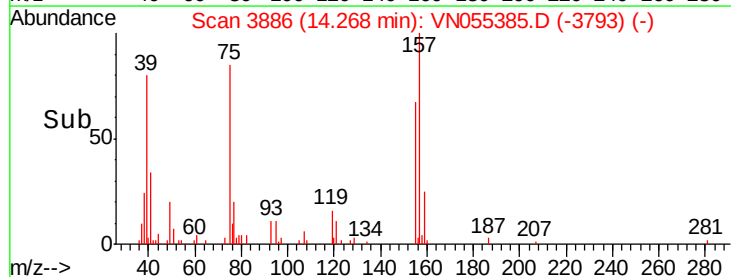
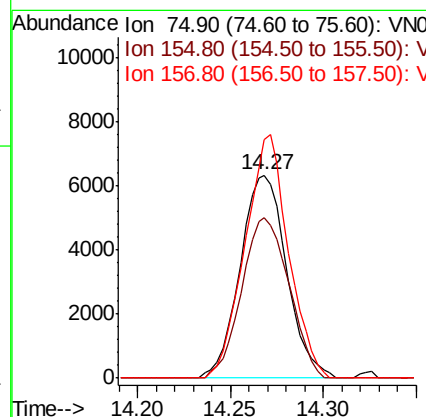
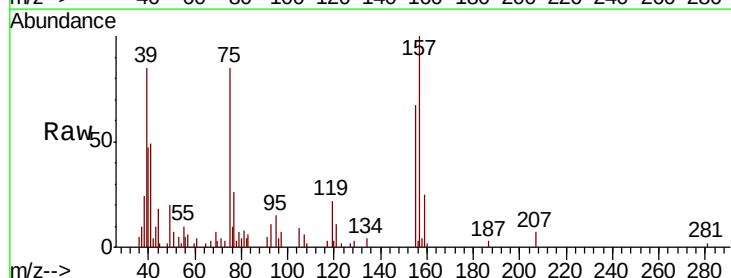
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBS01

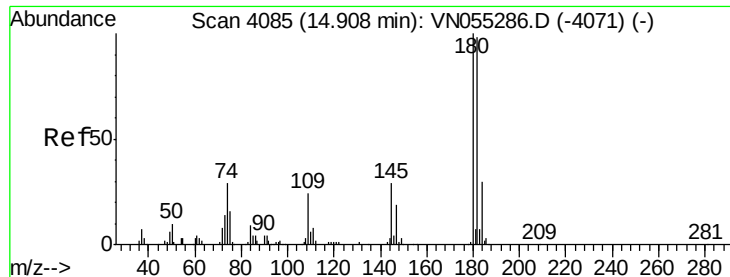
Tot Ion:146 Resp: 135142
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 61.0
 148 65.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.450 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion: 75 Resp: 11031
 Ion Ratio Lower Upper
 75 100
 155 80.4 41.5 124.6
 157 112.0 54.0 162.2

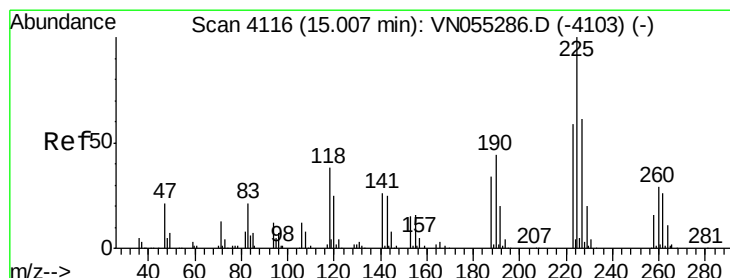
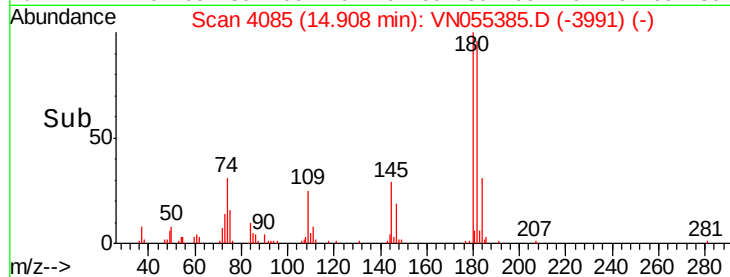
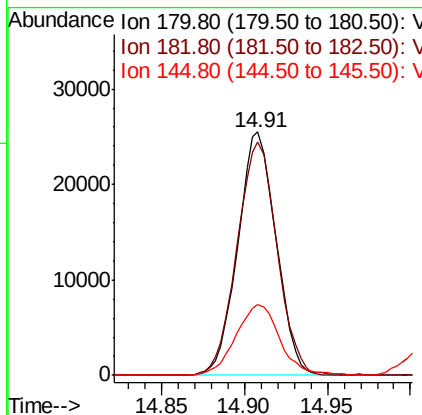
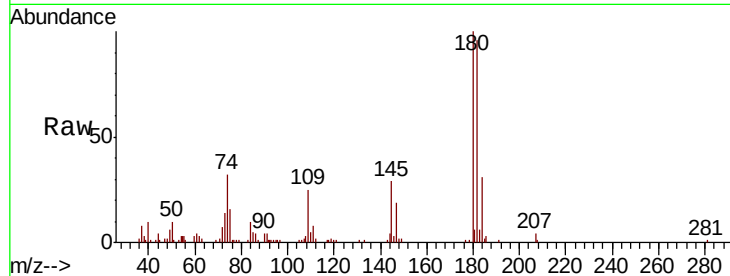




#93
 1,2,4-Trichlorobenzene
 Concen: 17.563 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

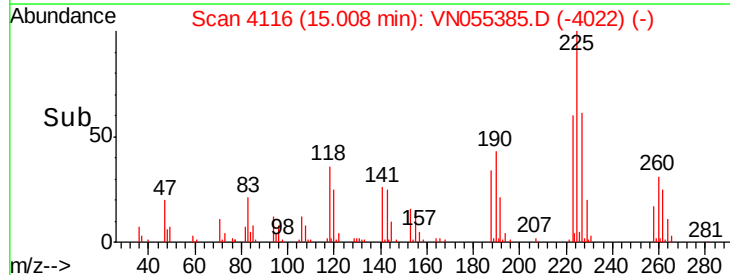
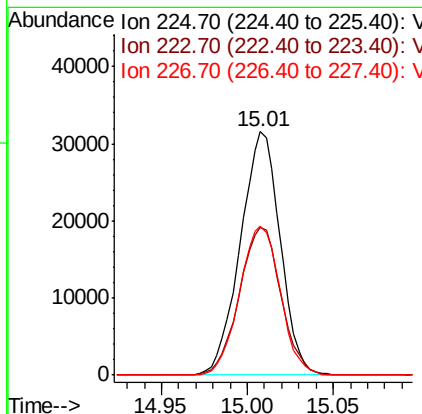
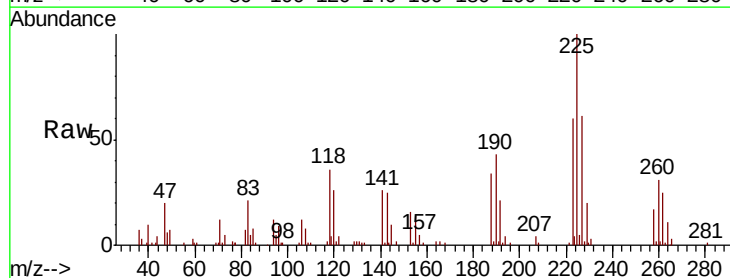
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBSD01

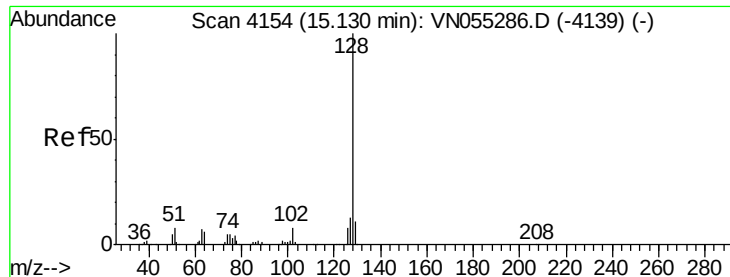
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	48.3	144.9
145	33.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 23.297 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055385.D
 Acq: 3 May 2019 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.3	90.8
227	62.3	30.9	92.7





#95

Naphthalene

Concen: 17.063 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBSD01

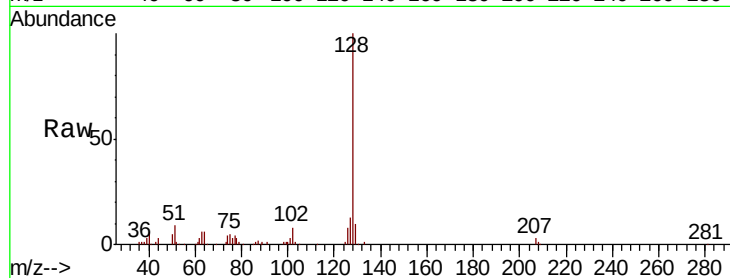
Tot Ion:128 Resp: 83857

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

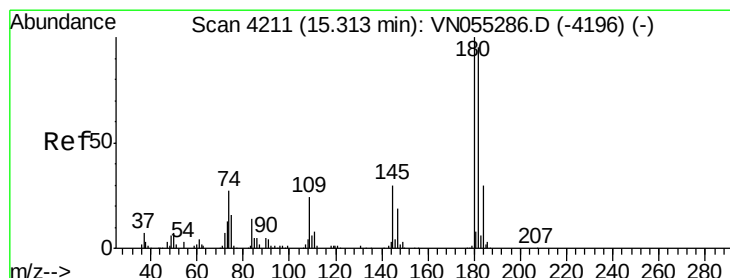
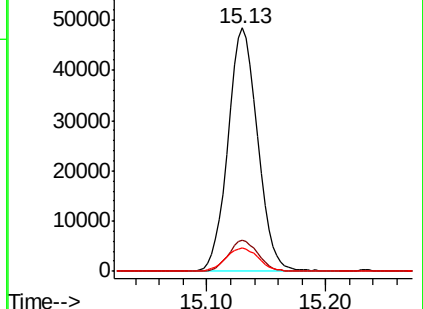
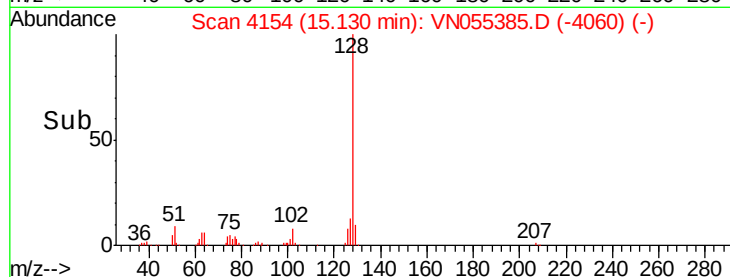
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.177 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055385.D

Acq: 3 May 2019 13:17

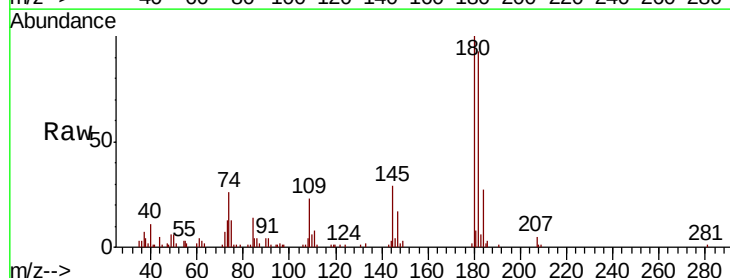
Tgt Ion:180 Resp: 46143

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.9

145 32.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

