

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056428.D
 Acq On : 21 Jun 2019 16:02
 Operator : JC/SP
 Sample : VN0621MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

Quant Time: Jun 22 01:47:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	575102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197336	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	208367	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	177490	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	690070	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	228266	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	61953	20.047	ug/l	100
3) Chloromethane	2.06	50	79132	18.806	ug/l	99
4) Vinyl Chloride	2.18	62	79050	19.451	ug/l	100
5) Bromomethane	2.53	94	46637	19.574	ug/l	98
6) Chloroethane	2.68	64	45992	19.541	ug/l	99
7) Trichlorofluoromethane	3.00	101	104642	19.905	ug/l	100
8) Diethyl Ether	3.41	74	46088	20.714	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	65367	19.498	ug/l	99
10) Methyl Iodide	3.95	142	87389	19.286	ug/l	100
11) Tert butyl alcohol	4.80	59	67561	99.169	ug/l	98
12) 1,1-Dichloroethene	3.73	96	64413	19.979	ug/l	99
13) Acrolein	3.60	56	47007	81.867	ug/l	100
14) Allyl chloride	4.32	41	106106	19.771	ug/l	99
15) Acrylonitrile	4.99	53	194524	103.210	ug/l	99
16) Acetone	3.82	43	169125	83.454	ug/l	99
17) Carbon Disulfide	4.05	76	125060	17.054	ug/l	97
18) Methyl Acetate	4.33	43	86872	21.390	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	224796	21.072	ug/l	99
20) Methylene Chloride	4.55	84	77638	19.784	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	70472	20.274	ug/l	97
22) Diisopropyl ether	5.95	45	232305	20.611	ug/l	97
23) Vinyl Acetate	5.90	43	936040	105.293	ug/l	100
24) 1,1-Dichloroethane	5.85	63	132618	20.497	ug/l	99
25) 2-Butanone	6.84	43	266314	99.290	ug/l	98
26) 2,2-Dichloropropane	6.83	77	77272	17.172	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	85066	20.918	ug/l	98
28) Bromochloromethane	7.19	49	69193	21.621	ug/l	100
29) Tetrahydrofuran	7.21	42	175550	107.102	ug/l	100
30) Chloroform	7.37	83	131580	20.610	ug/l	100
31) Cyclohexane	7.65	56	126383	20.234	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	102954	20.345	ug/l	99
36) 1,1-Dichloropropene	7.79	75	95133	18.794	ug/l	98
37) Ethyl Acetate	6.93	43	107293	21.568	ug/l	99
38) Carbon Tetrachloride	7.77	117	84149	19.010	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	118178	18.921	ug/l	100
40) Benzene	8.04	78	311158	19.984	ug/l	99
41) Methacrylonitrile	7.18	41	49374	22.477	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	101893	19.829	ug/l	99
43) Isopropyl Acetate	8.17	43	158291	20.636	ug/l	99
44) Trichloroethene	8.83	130	82657	19.707	ug/l	99
45) 1,2-Dichloropropane	9.12	63	84008	20.174	ug/l	98
46) Dibromomethane	9.21	93	52294	20.073	ug/l	98
47) Bromodichloromethane	9.40	83	89268	19.320	ug/l	98
48) Methyl methacrylate	9.20	41	76306	19.851	ug/l	99
49) 1,4-Dioxane	9.20	88	31432	394.034	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	506263	102.256	ug/l	99
52) Toluene	10.16	92	191035	20.068	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	90731	18.776	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	109509	19.681	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	79297	20.723	ug/l	98
56) Ethyl methacrylate	10.43	69	115773	20.703	ug/l	98
57) 1,3-Dichloropropane	10.71	76	131274	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	208864	103.967	ug/l	98
59) 2-Hexanone	10.75	43	358934	98.642	ug/l	100
60) Dibromochloromethane	10.90	129	66097	18.387	ug/l	99
61) 1,2-Dibromoethane	11.00	107	79452	20.330	ug/l	98
64) Tetrachloroethene	10.63	164	84204	21.084	ug/l	96
65) Chlorobenzene	11.43	112	202783	20.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68973	20.139	ug/l	98
67) Ethyl Benzene	11.51	91	357712	20.105	ug/l	100
68) m/p-Xylenes	11.62	106	264850	40.617	ug/l	100
69) o-Xylene	11.95	106	133477	20.691	ug/l	98
70) Styrene	11.96	104	216384	20.985	ug/l	100
71) Bromoform	12.13	173	44161	18.122	ug/l #	98
73) Isopropylbenzene	12.25	105	350022	22.116	ug/l	100
74) N-amyl acetate	12.07	43	133700	21.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	108918	22.016	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	122755	30.000	ug/l #	100
77) Bromobenzene	12.53	156	116566	26.418	ug/l	73
78) n-propylbenzene	12.59	91	366056	20.256	ug/l	99
79) 2-Chlorotoluene	12.67	91	228226	21.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	285899	21.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21068	18.300	ug/l	95
82) 4-Chlorotoluene	12.77	91	211708	19.841	ug/l	99
83) tert-Butylbenzene	12.99	119	257262	22.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	272284	20.496	ug/l	99
85) sec-Butylbenzene	13.17	105	322873	20.328	ug/l	100
86) p-Isopropyltoluene	13.29	119	278177	20.407	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	135878	20.320	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	126324	19.506	ug/l	99
89) n-Butylbenzene	13.61	91	193133	18.716	ug/l	100
90) Hexachloroethane	13.87	117	39212	18.451	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	137063	20.660	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14194	19.439	ug/l	98

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QLast Update : Fri Jun 21 03:45:40 2019
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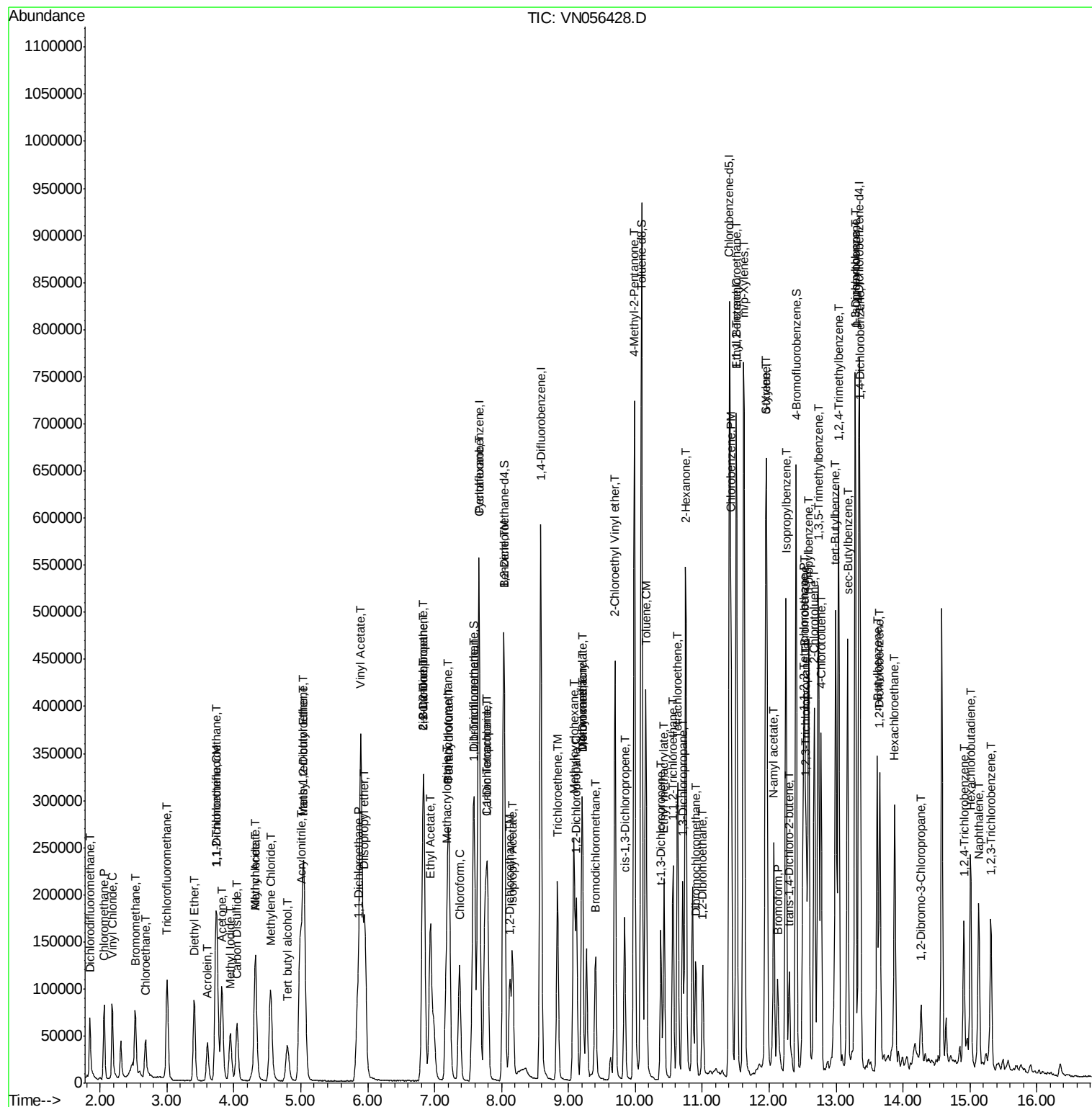
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49551	18.346	ug/l	96
94) Hexachlorobutadiene	15.01	225	48693	20.552	ug/l	98
95) Naphthalene	15.13	128	150856	20.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	60204	19.792	ug/l	96

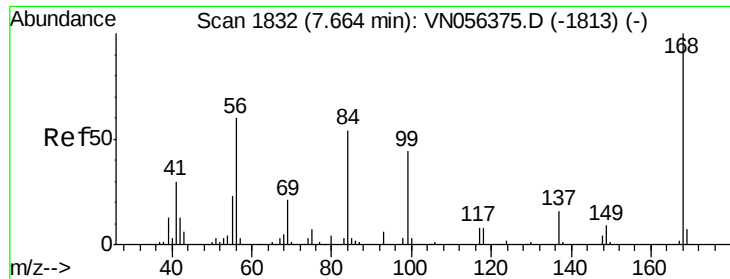
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

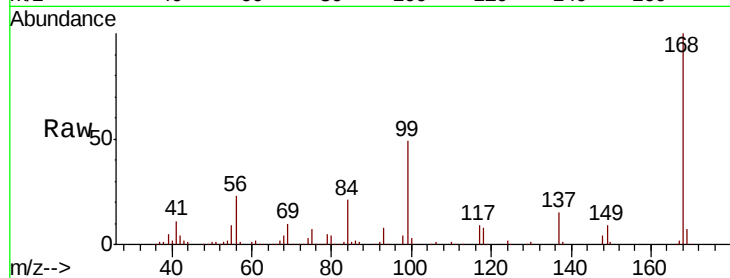
VN0621MBSD01

Tot Ion:168 Resp: 364964

Ion Ratio Lower Upper

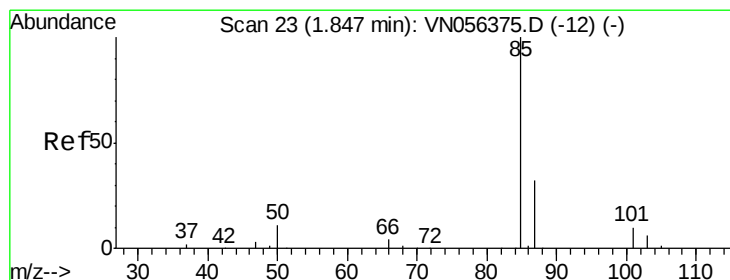
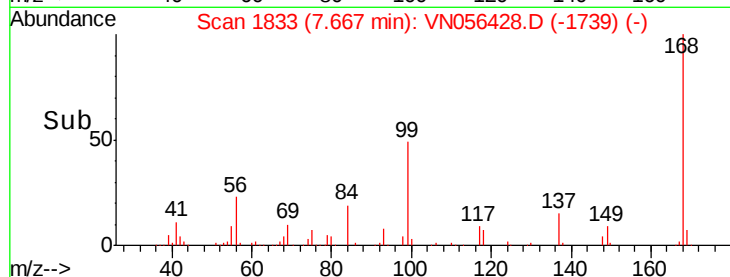
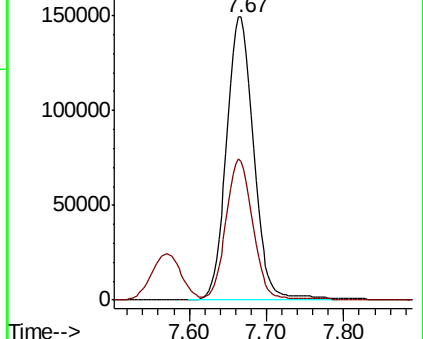
168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.047 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056428.D

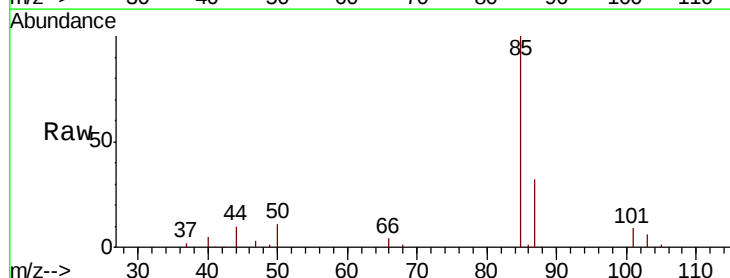
Acq: 21 Jun 2019 16:02

Tgt Ion: 85 Resp: 61953

Ion Ratio Lower Upper

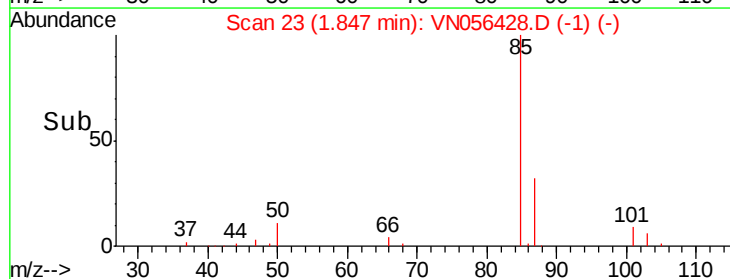
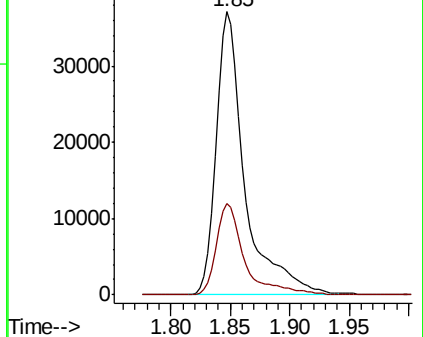
85 100

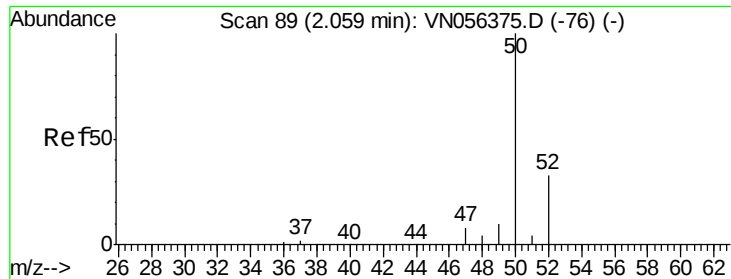
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

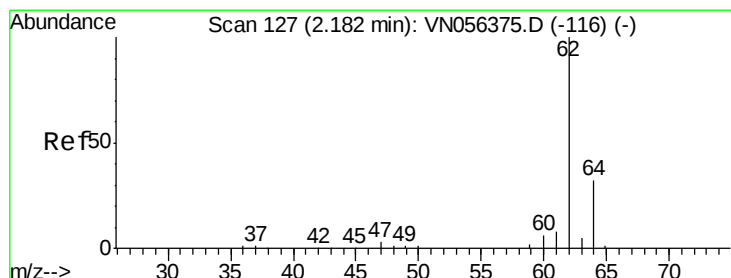
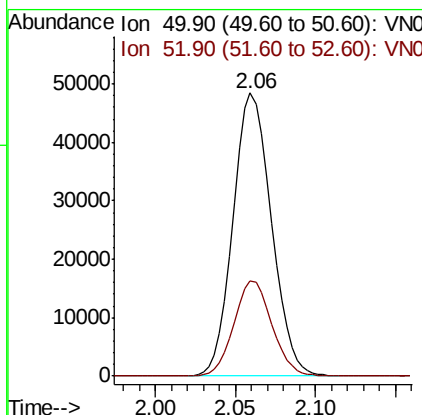
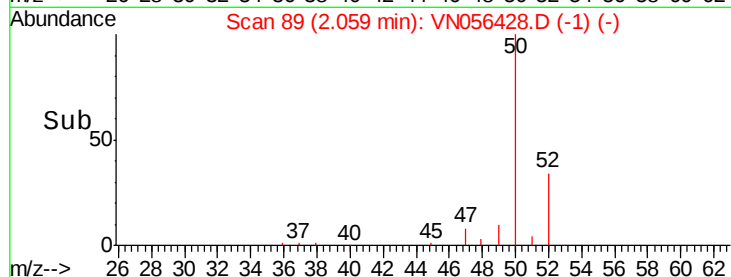
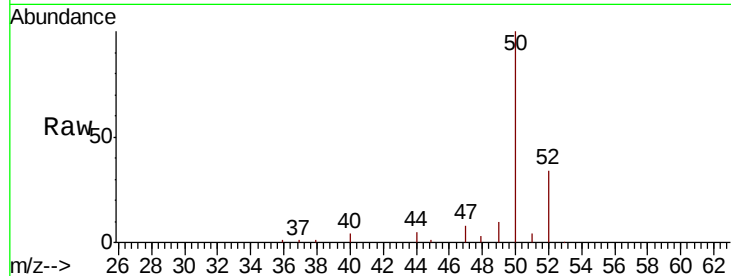




#3
 Chloromethane
 Concen: 18.806 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

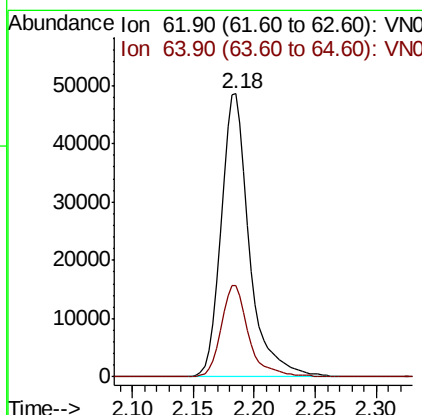
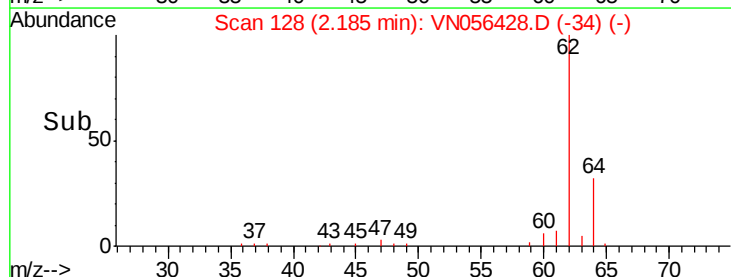
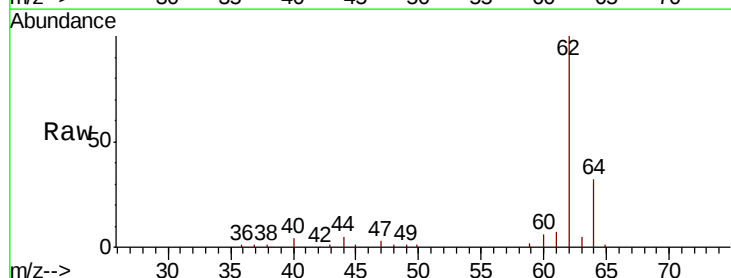
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

Tot Ion: 50 Resp: 79132
 Ion Ratio Lower Upper
 50 100
 52 33.5 26.5 39.7



#4
 Vinyl Chloride
 Concen: 19.451 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 62 Resp: 79050
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.7 38.5

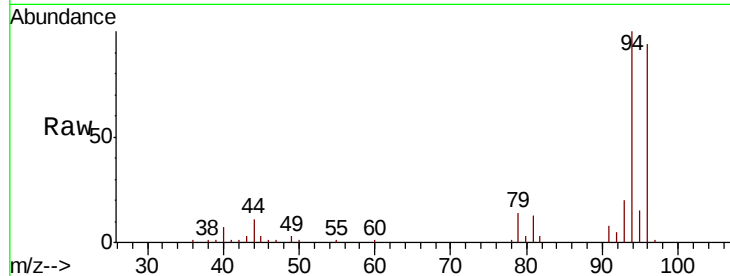




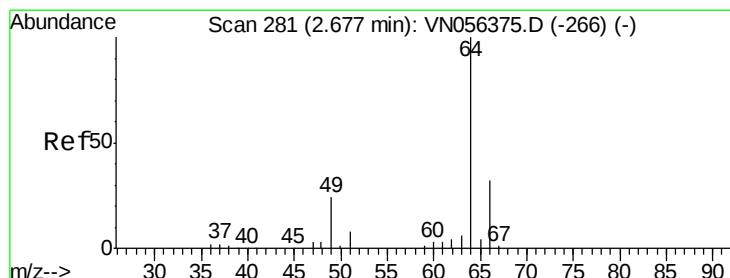
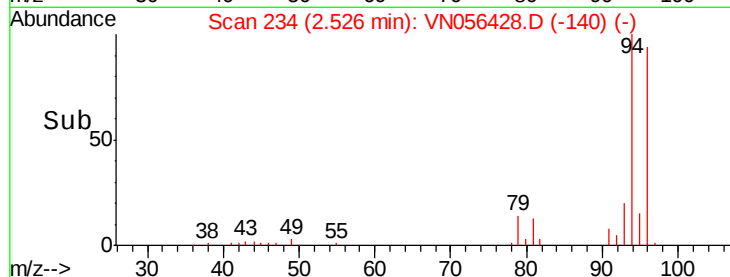
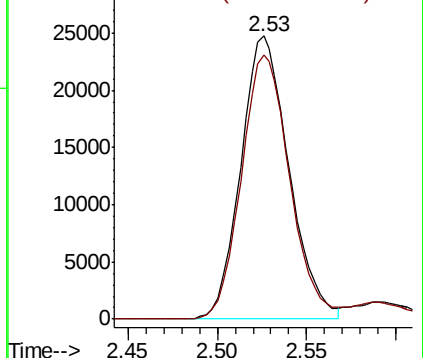
#5
Bromomethane
Concen: 19.574 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

Tot Ion: 94 Resp: 46637
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0

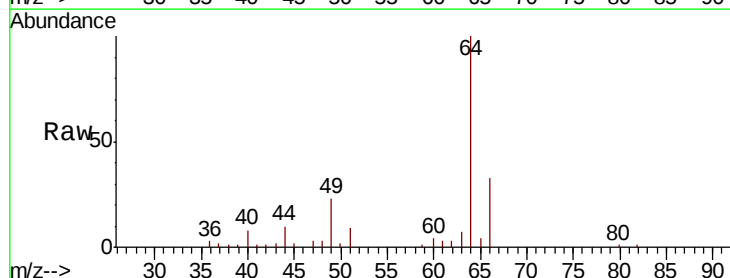


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

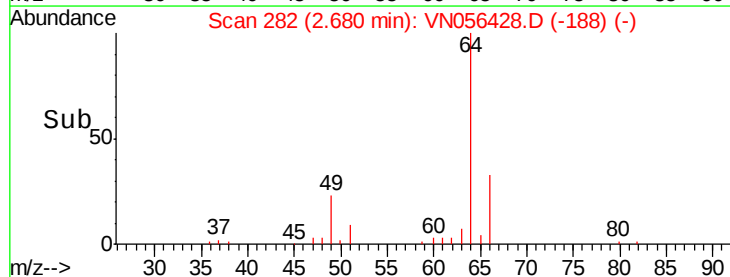
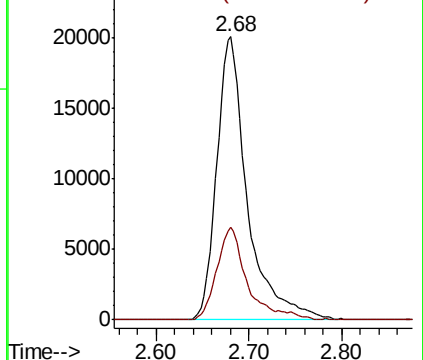


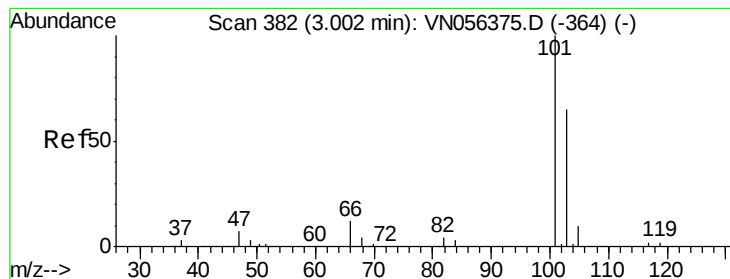
#6
Chloroethane
Concen: 19.541 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 64 Resp: 45992
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



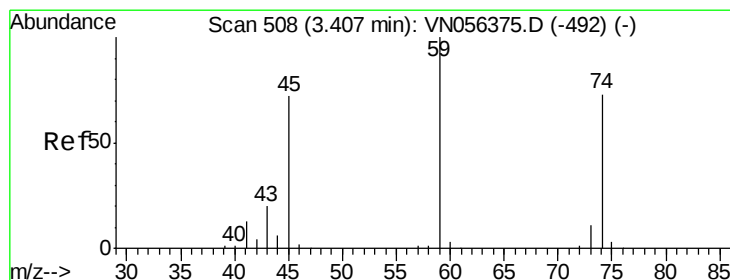
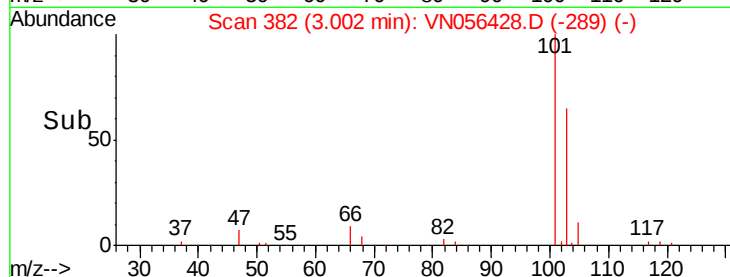
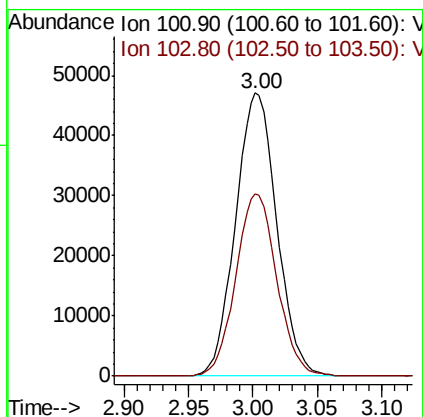
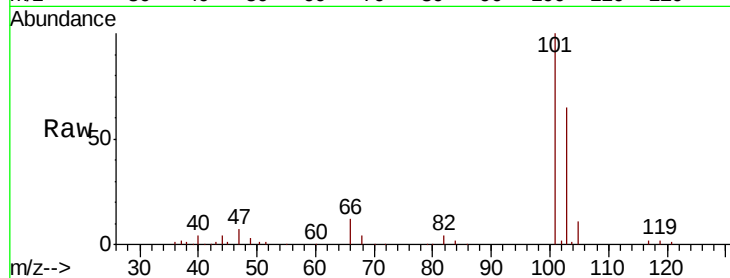


#7

Trichlorofluoromethane
 Concen: 19.905 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Instrument :
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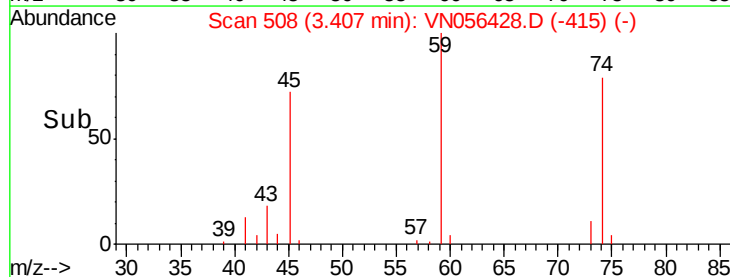
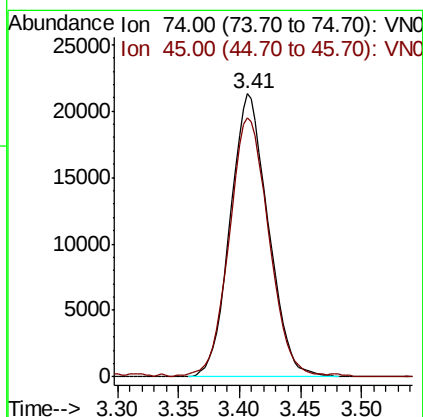
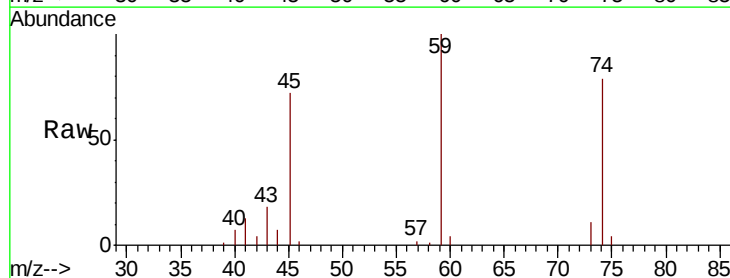
Tot Ion:101 Resp: 104642
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

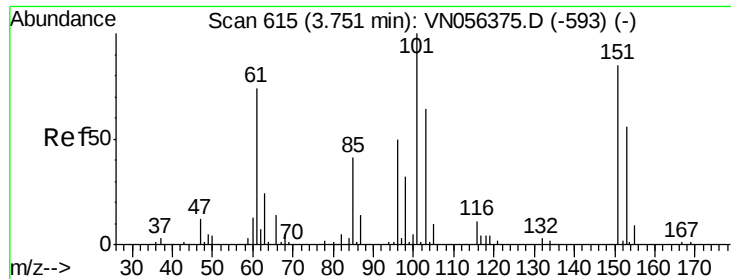


#8

Diethyl Ether
 Concen: 20.714 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 74 Resp: 46088
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.498 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

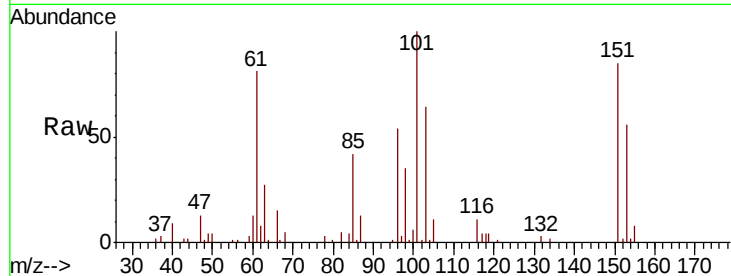
Tot Ion:101 Resp: 65367

Ion Ratio Lower Upper

101 100

85 41.9 32.7 49.1

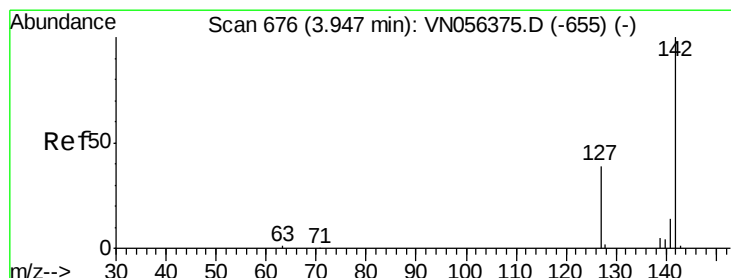
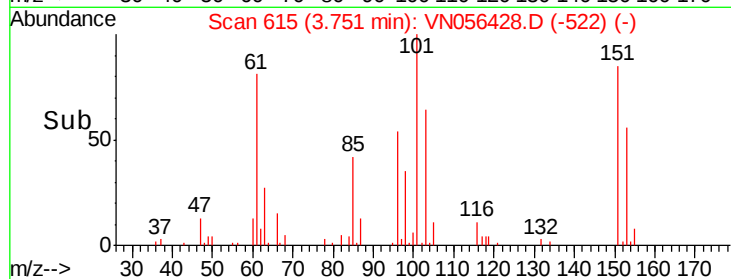
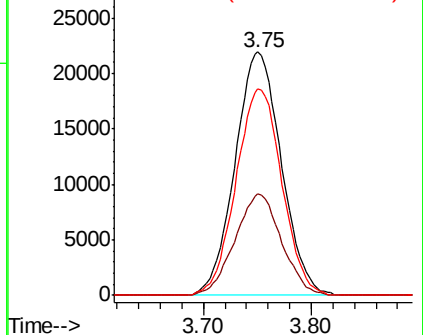
151 84.1 66.8 100.2



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: 19.286 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

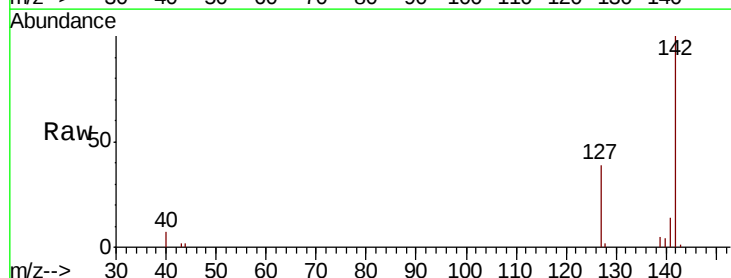
Tgt Ion:142 Resp: 87389

Ion Ratio Lower Upper

142 100

127 38.0 30.6 46.0

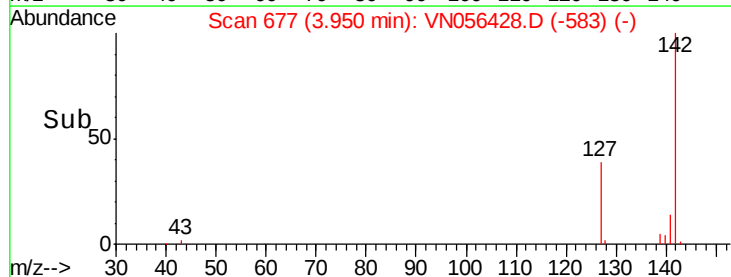
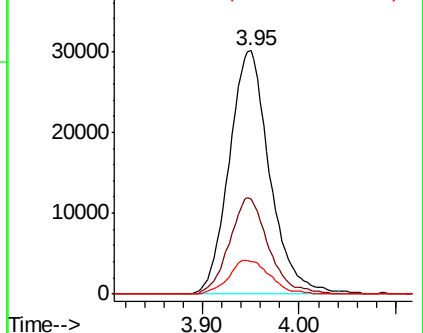
141 14.1 11.4 17.2

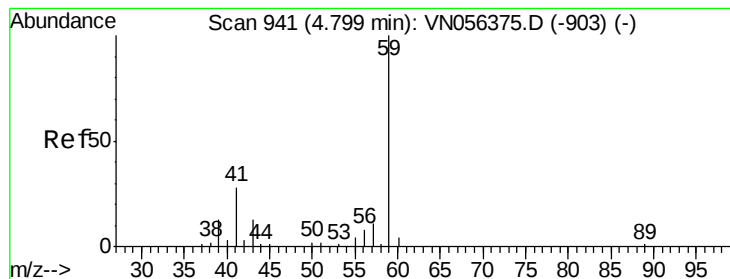


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



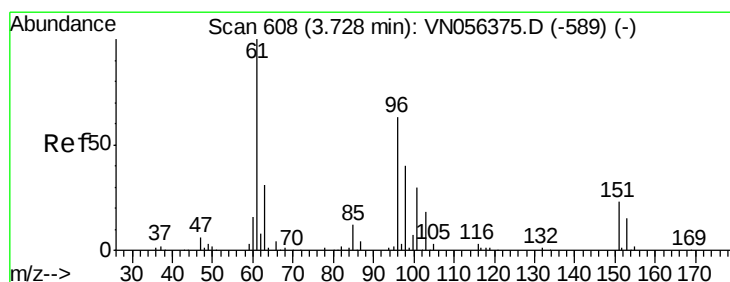
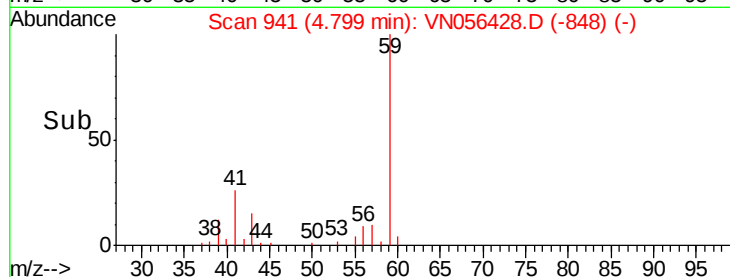
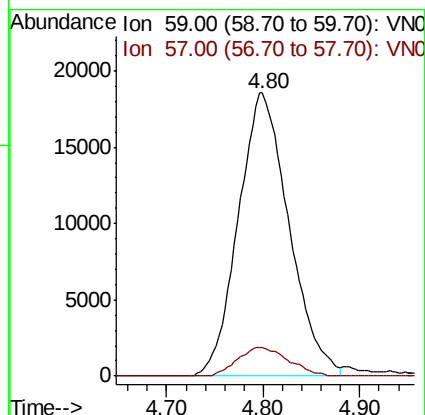
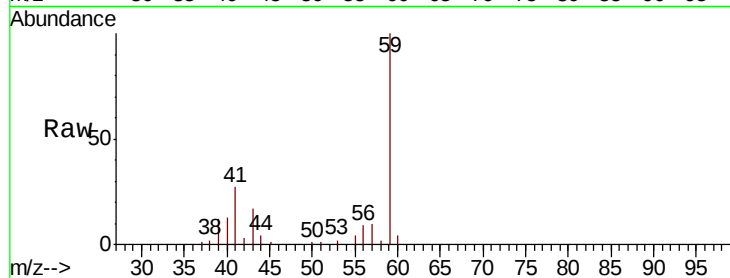


#11

Tert butyl alcohol
 Concen: 99.169 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

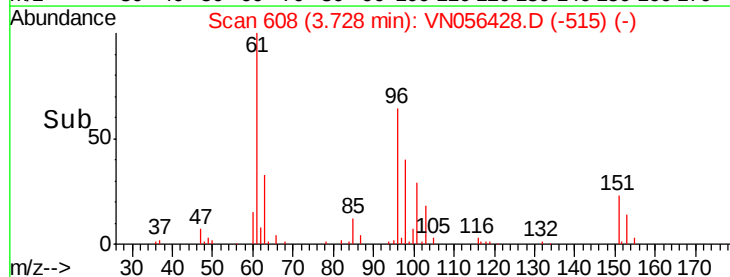
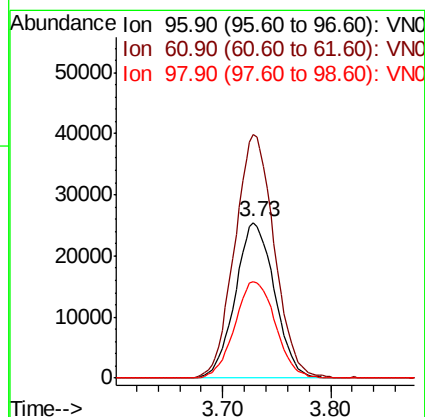
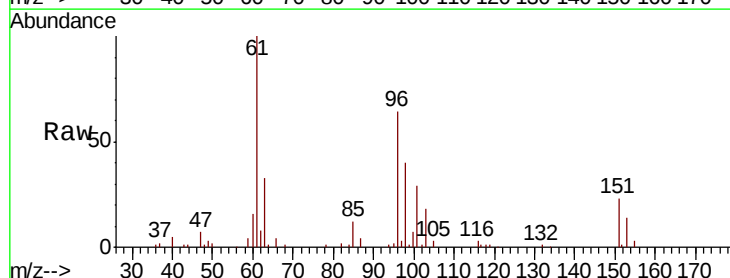
Tot Ion: 59 Resp: 67561
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.6 11.4

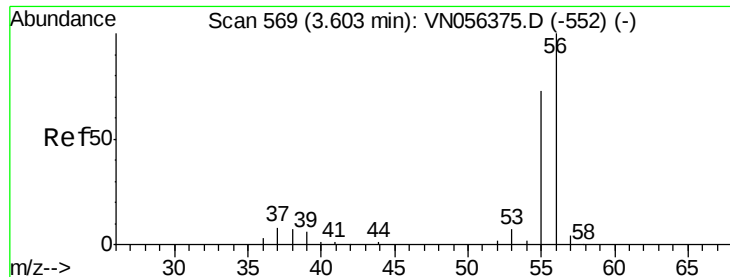


#12

1,1-Dichloroethene
 Concen: 19.979 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 96 Resp: 64413
 Ion Ratio Lower Upper
 96 100
 61 156.7 126.6 190.0
 98 62.2 51.1 76.7





#13

Acrolein

Concen: 81.867 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

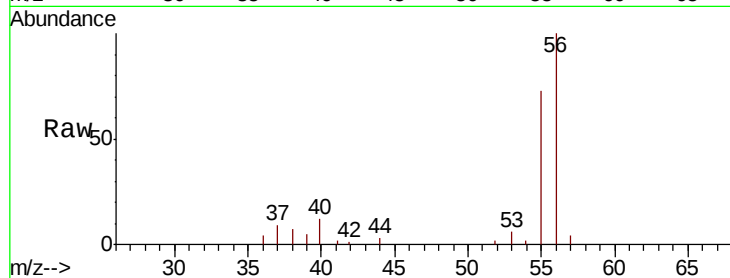
VN0621MBSD01

Tot Ion: 56 Resp: 47007

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

20000

15000

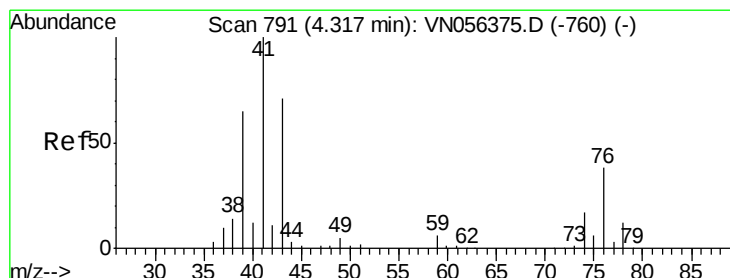
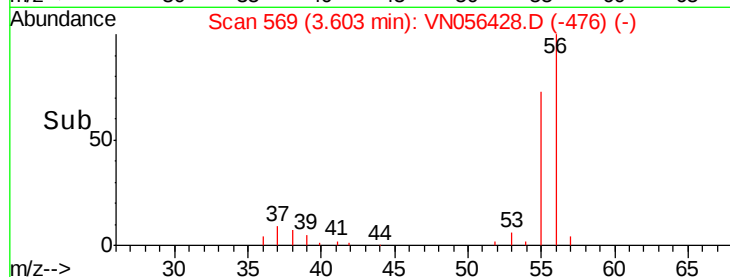
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 19.771 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

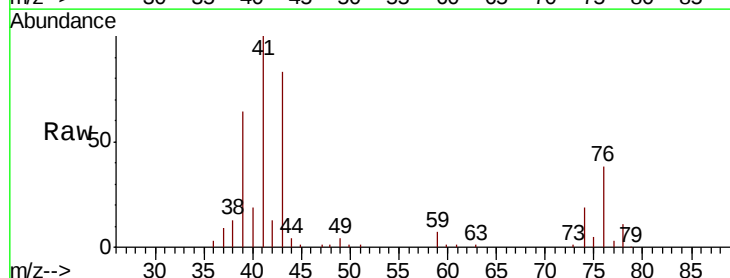
Tgt Ion: 41 Resp: 106106

Ion Ratio Lower Upper

41 100

39 60.5 48.6 73.0

76 32.8 26.6 40.0



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

4.32

40000

30000

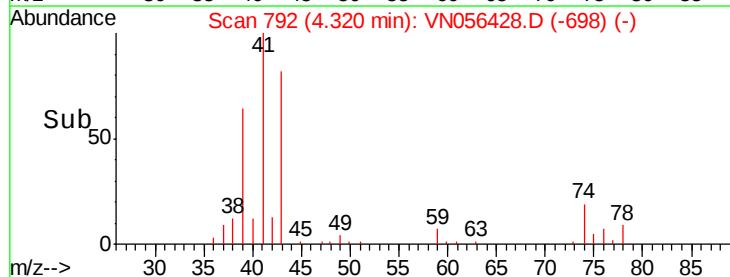
20000

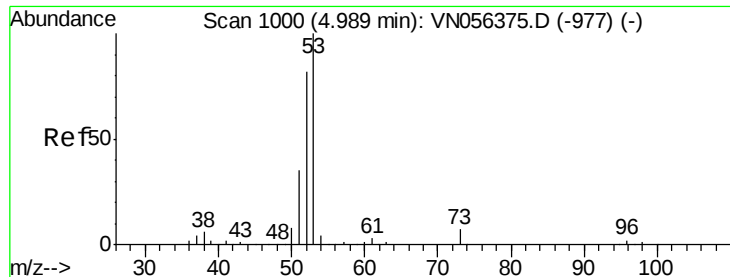
10000

0

Time-->

4.20 4.30 4.40 4.50

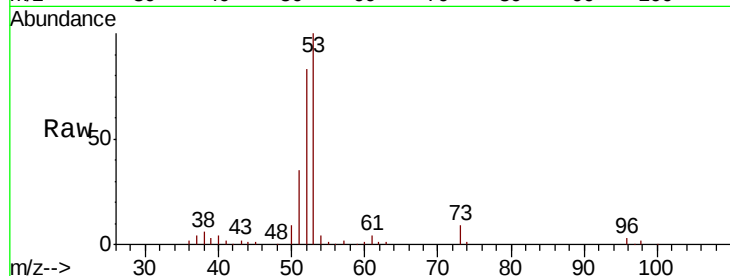




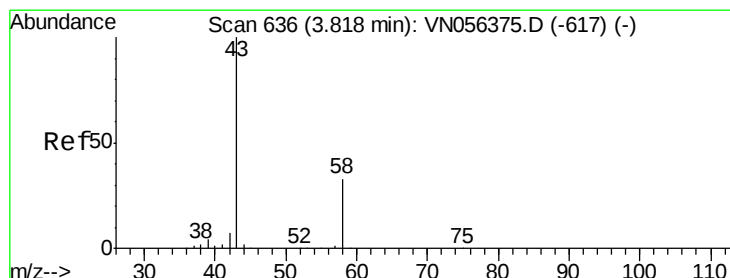
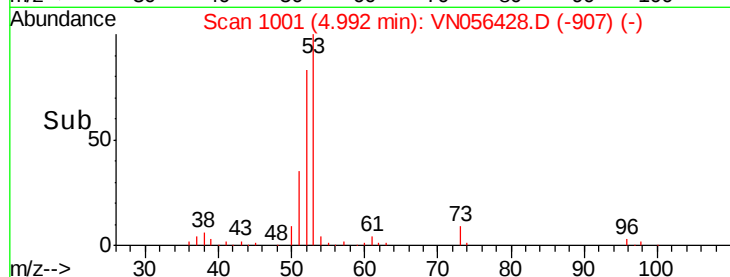
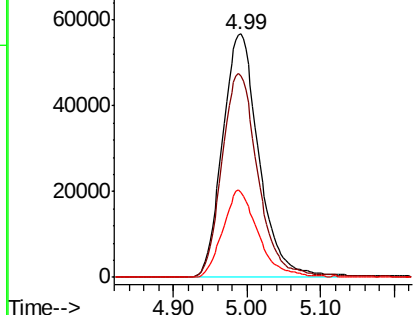
#15
 Acrylonitrile
 Concen: 103.210 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

Tot Ion: 53 Resp: 194524
 Ion Ratio Lower Upper
 53 100
 52 83.2 65.9 98.9
 51 34.8 28.3 42.5

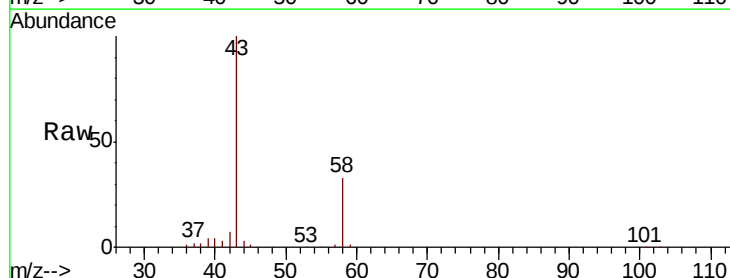


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

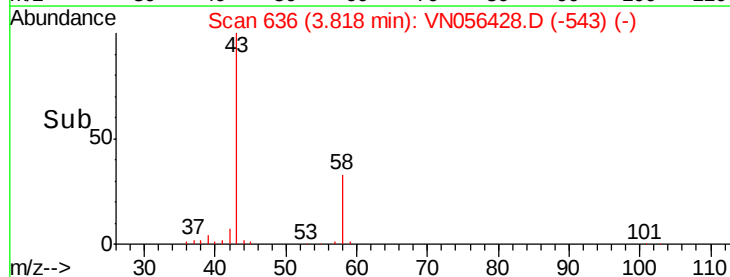
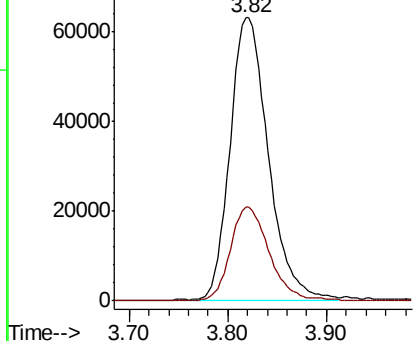


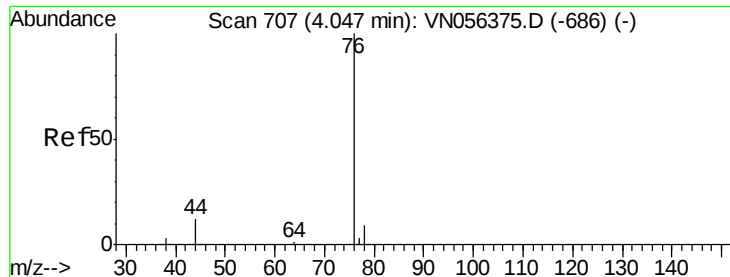
#16
 Acetone
 Concen: 83.454 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 43 Resp: 169125
 Ion Ratio Lower Upper
 43 100
 58 33.4 26.4 39.6



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

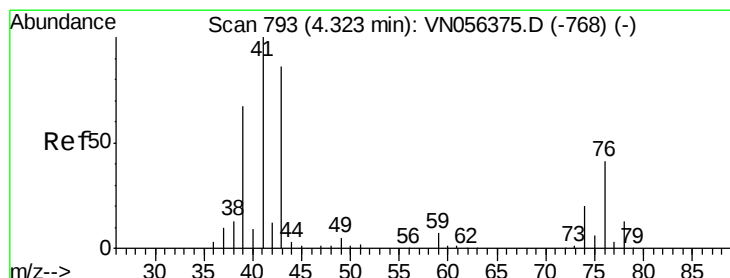
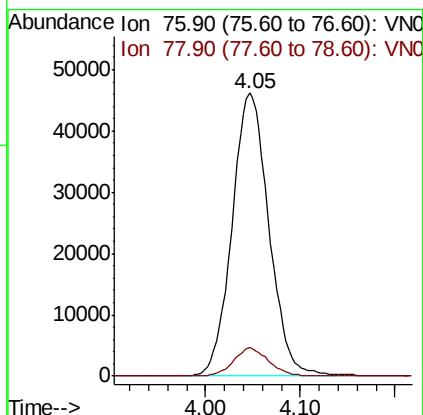
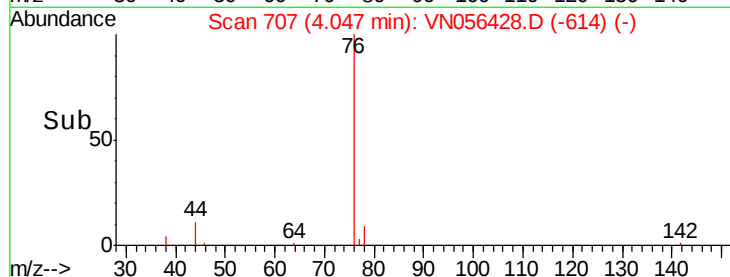
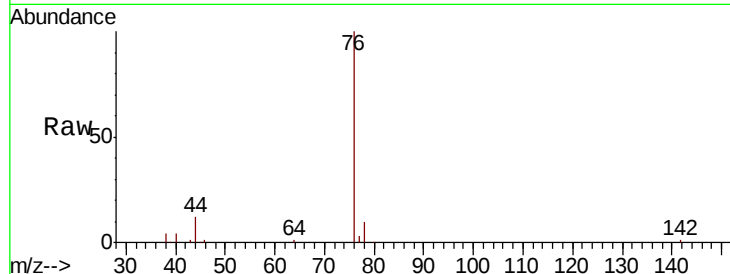




#17
Carbon Disulfide
Concen: 17.054 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

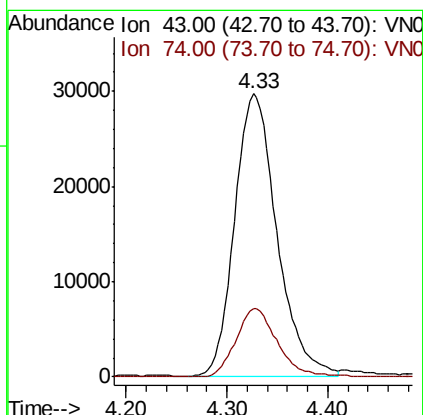
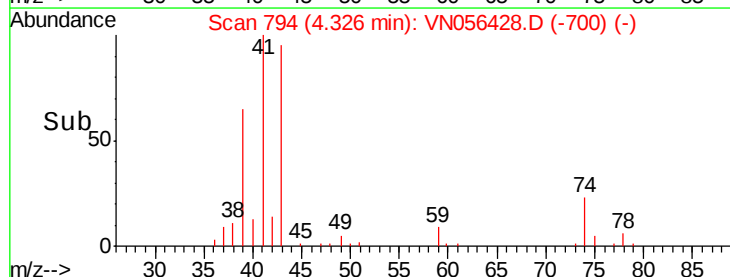
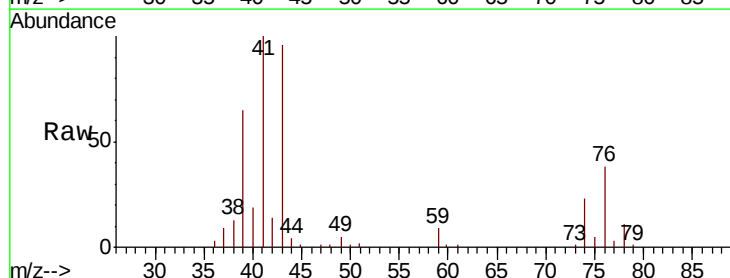
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

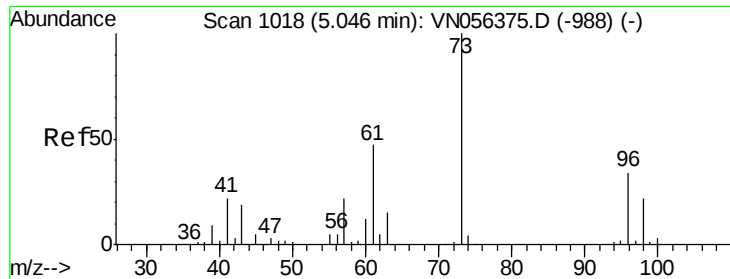
Tot Ion: 76 Resp: 125060
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 21.390 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 43 Resp: 86872
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8

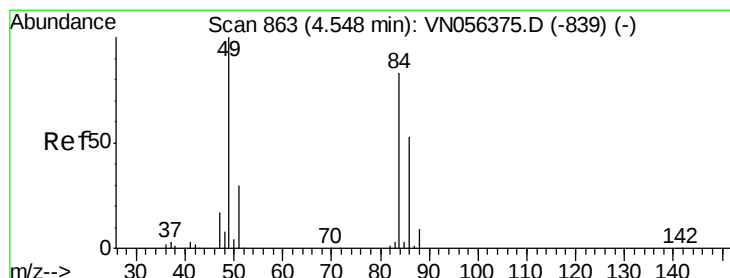
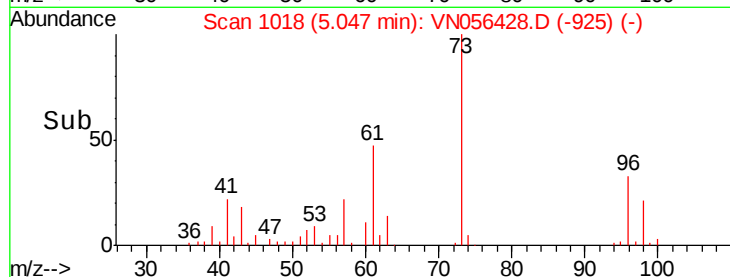
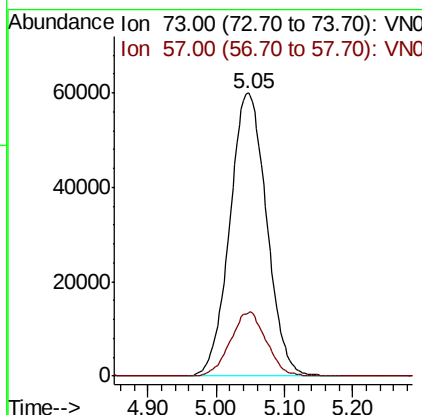
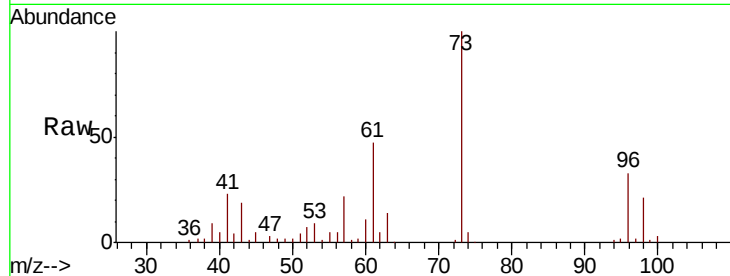




#19
Methyl tert-butyl Ether
Concen: 21.072 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

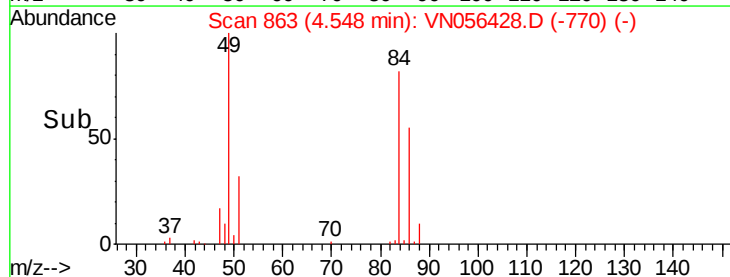
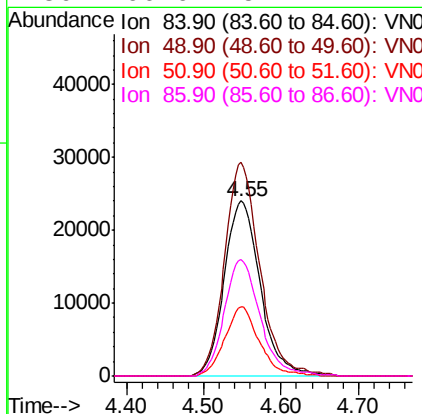
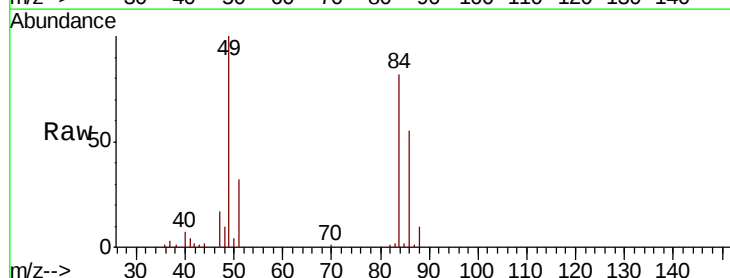
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

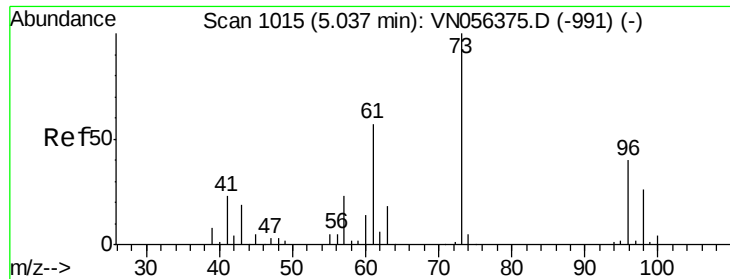
Tot Ion: 73 Resp: 224796
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 19.784 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 84 Resp: 77638
Ion Ratio Lower Upper
84 100
49 121.9 96.4 144.6
51 39.5 28.6 43.0
86 66.6 51.4 77.2

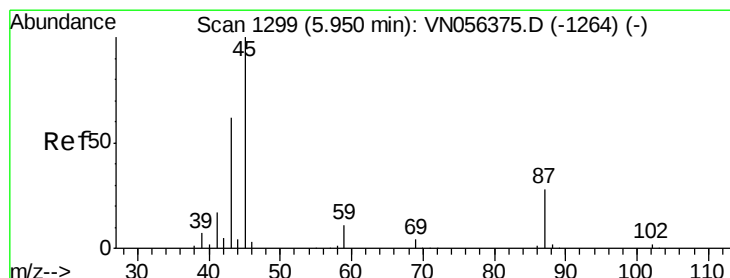
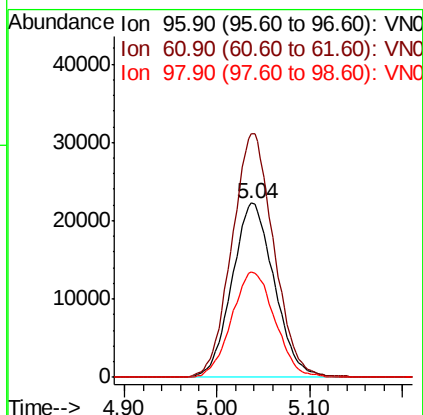
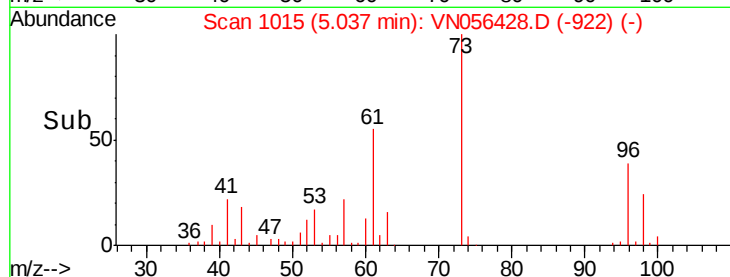
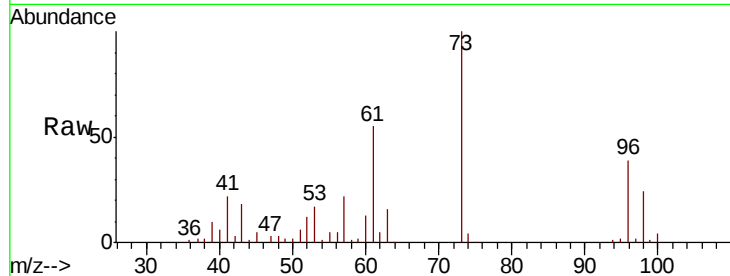




#21
trans-1,2-Dichloroethene
Concen: 20.274 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

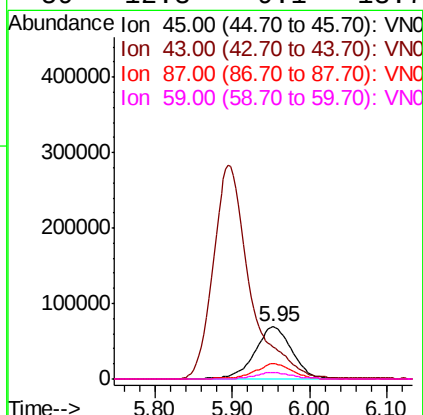
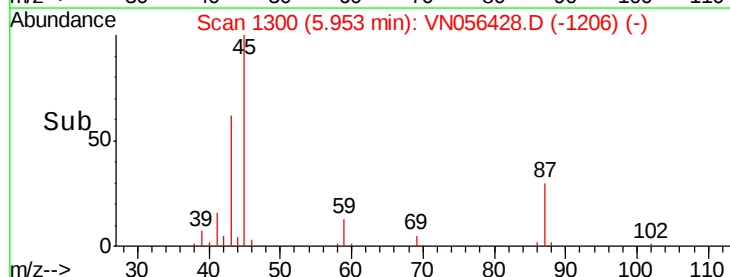
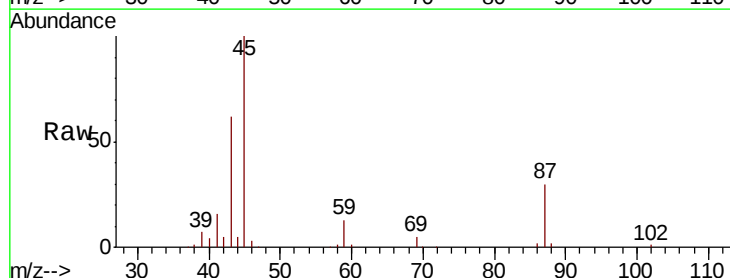
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

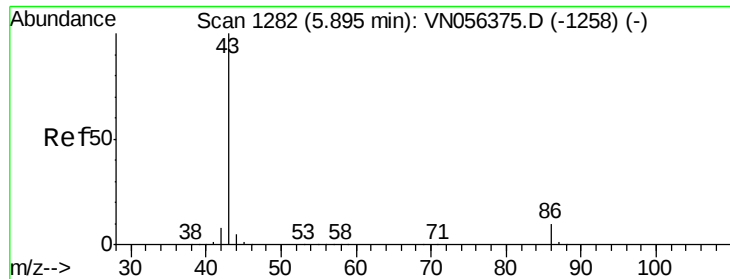
Tot Ion: 96 Resp: 70472
Ion Ratio Lower Upper
96 100
61 139.6 113.0 169.6
98 60.6 52.2 78.2



#22
Diisopropyl ether
Concen: 20.611 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 45 Resp: 232305
Ion Ratio Lower Upper
45 100
43 59.9 50.4 75.6
87 29.1 23.0 34.4
59 12.3 9.1 13.7

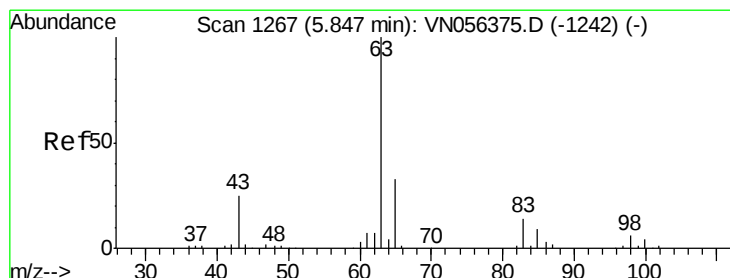
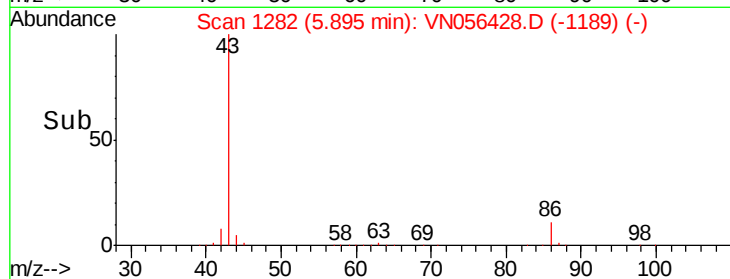
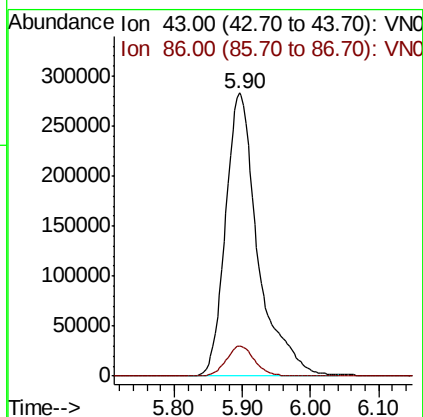
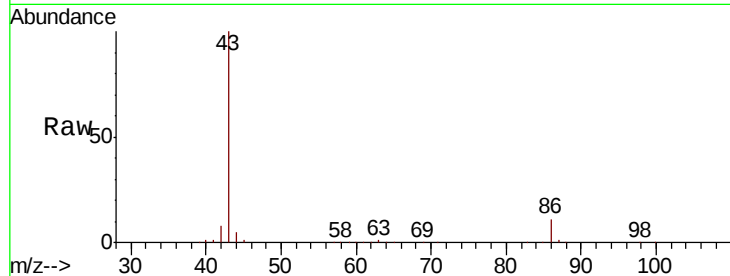




#23
 Vinyl Acetate
 Concen: 105.293 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

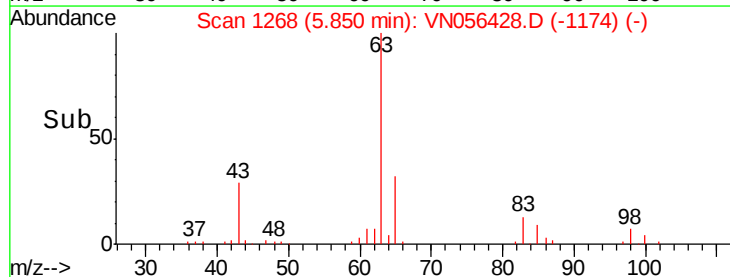
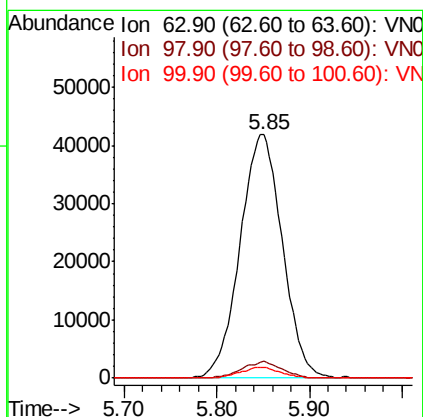
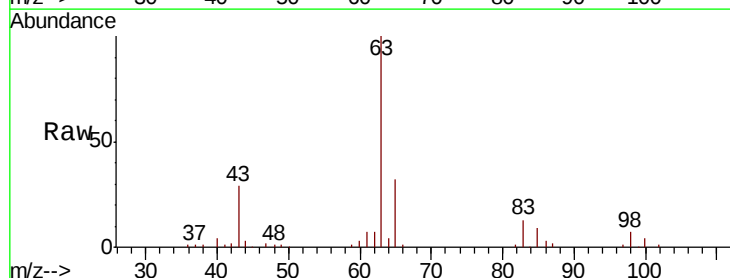
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

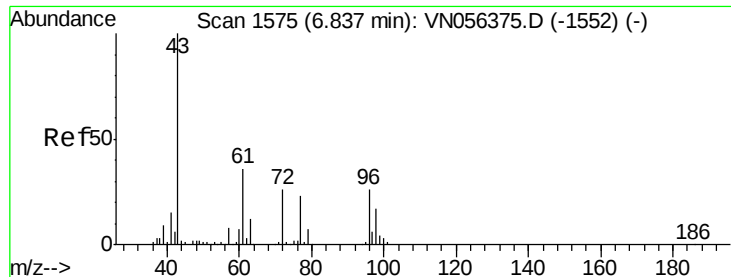
Tot Ion: 43 Resp: 936040
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.497 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 63 Resp: 132618
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.2 9.6
 100 4.4 2.1 6.5

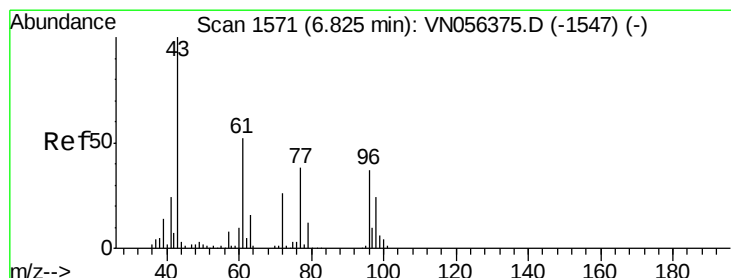
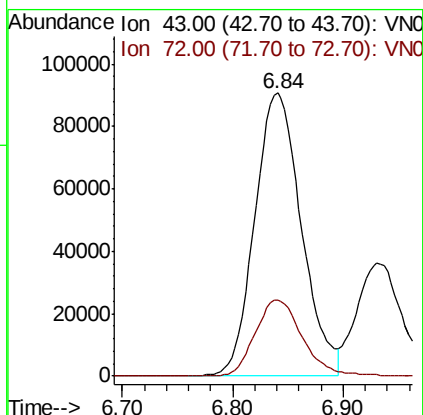
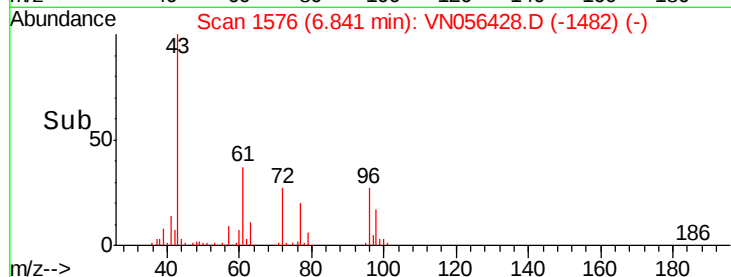
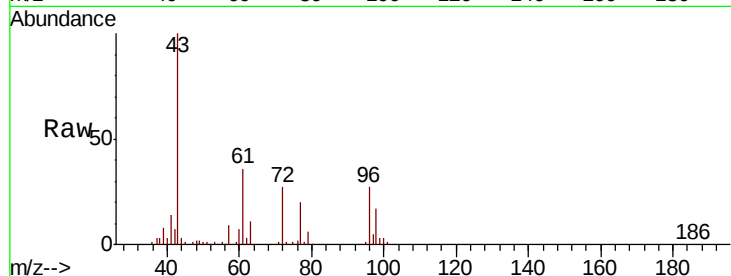




#25
2-Butanone
Concen: 99.290 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

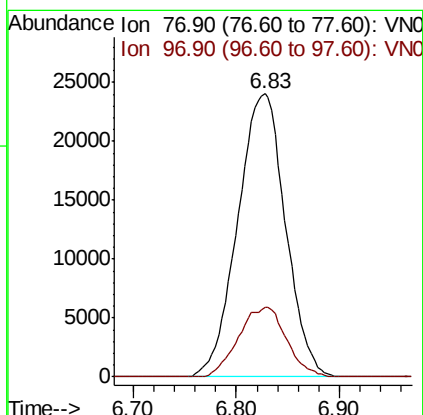
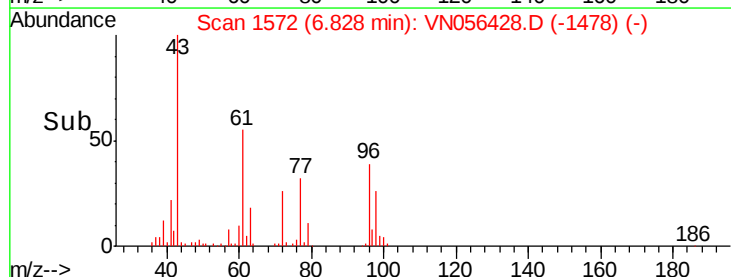
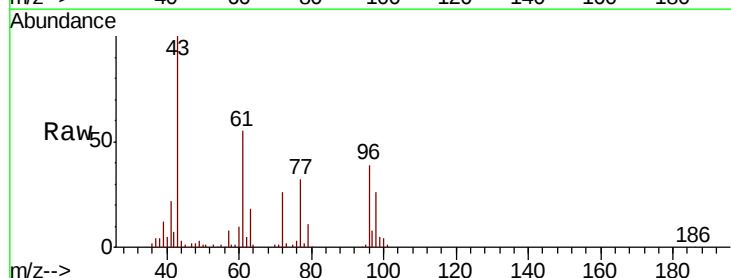
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

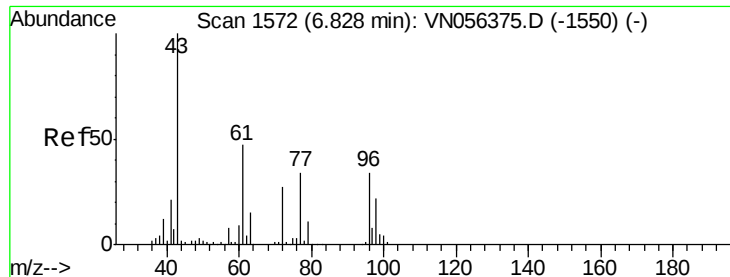
Tot Ion: 43 Resp: 266314
Ion Ratio Lower Upper
43 100
72 26.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 17.172 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 77 Resp: 77272
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5

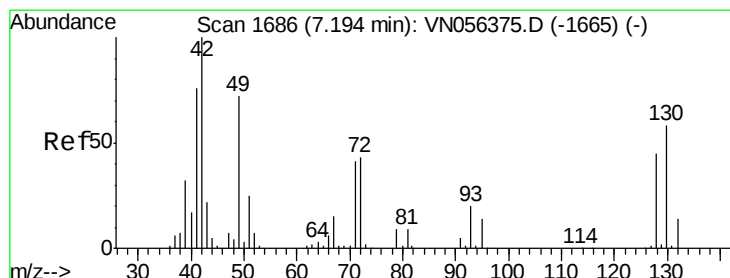
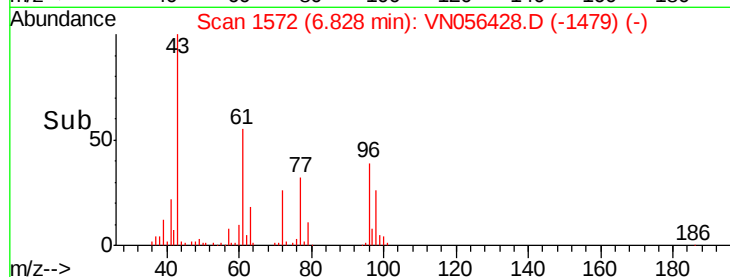
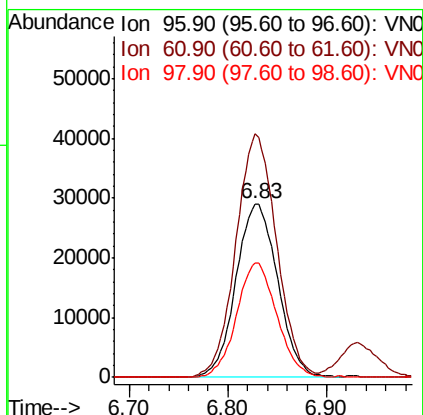
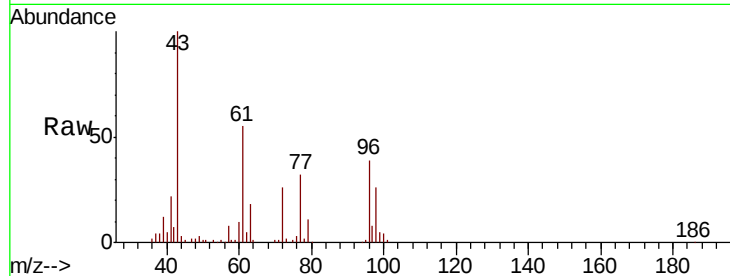




#27
 cis-1,2-Dichloroethene
 Concen: 20.918 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

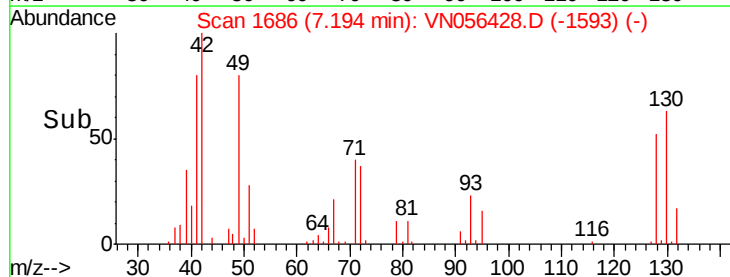
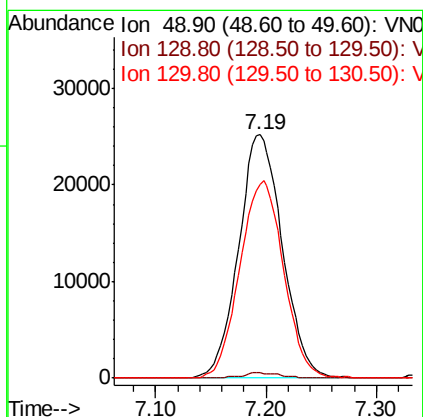
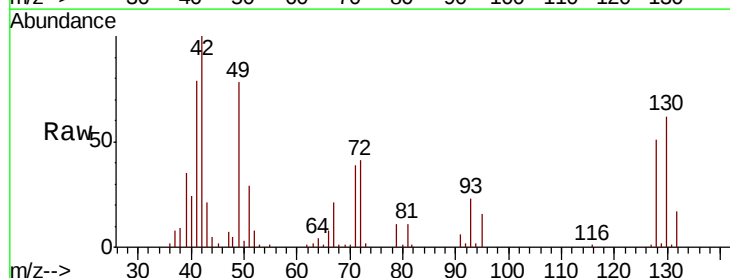
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

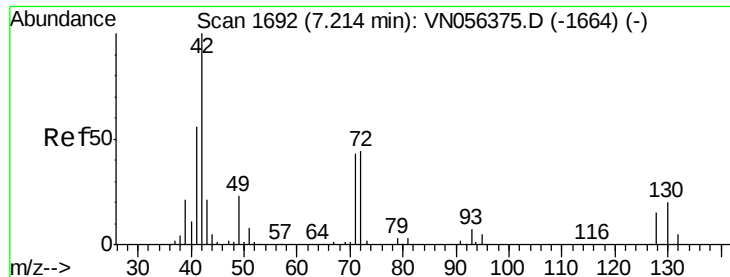
Tot Ion: 96 Resp: 85066
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 279.8
 98 63.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.621 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 49 Resp: 69193
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 81.0 64.9 97.3

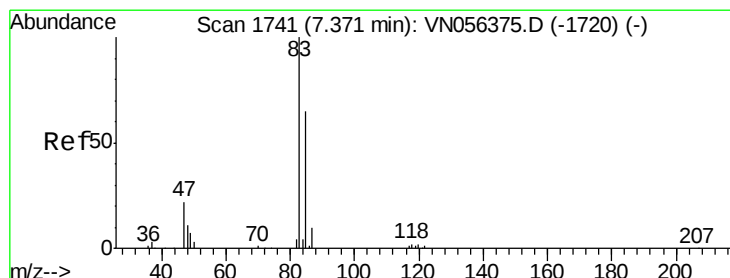
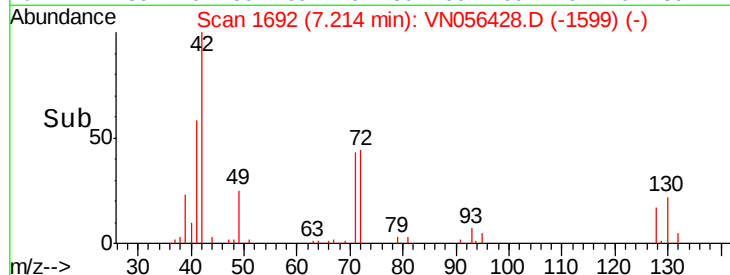
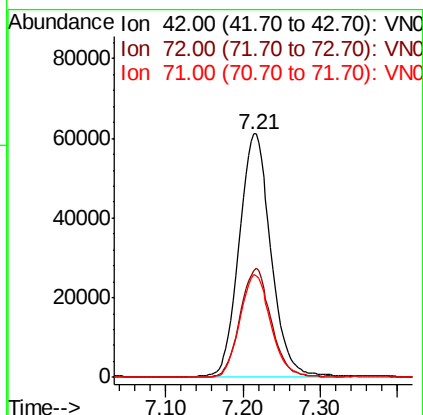
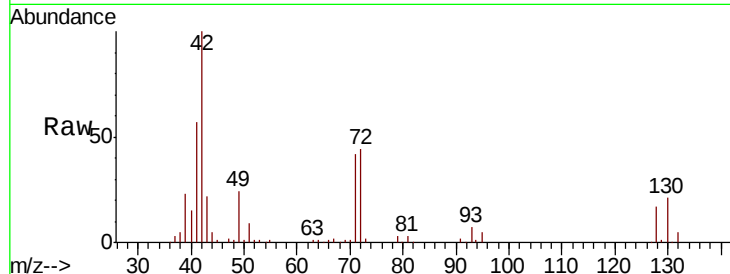




#29
Tetrahydrofuran
Concen: 107.102 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

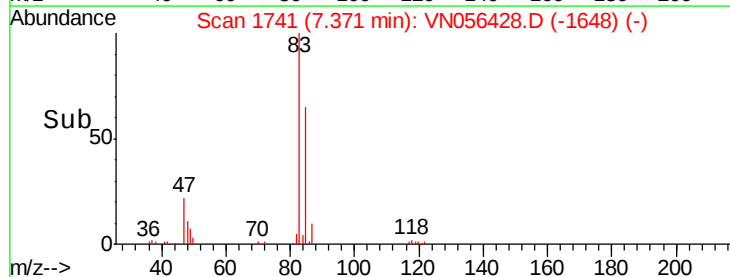
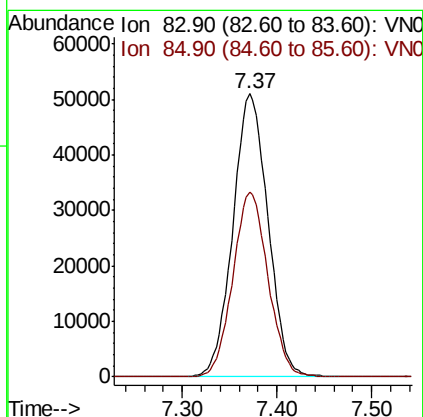
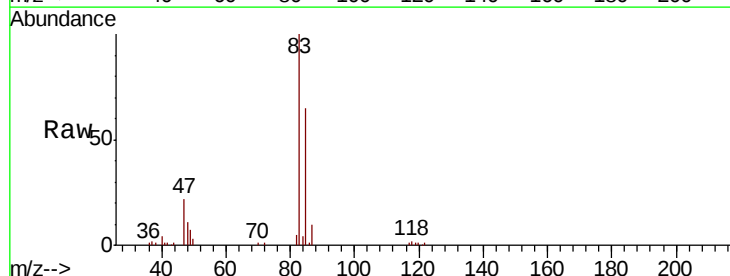
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

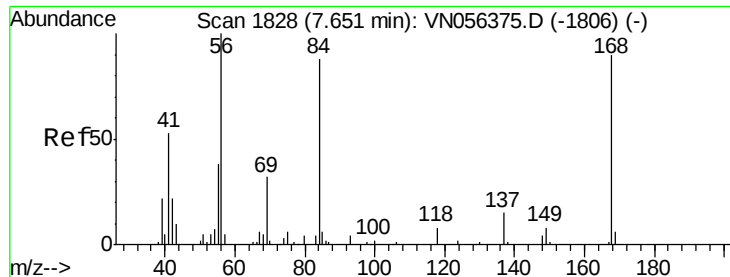
Tot Ion: 42 Resp: 175550
Ion Ratio Lower Upper
42 100
72 43.4 34.7 52.1
71 41.0 33.0 49.6



#30
Chloroform
Concen: 20.610 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 83 Resp: 131580
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5

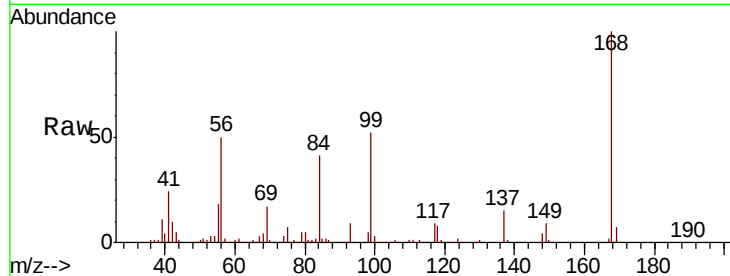




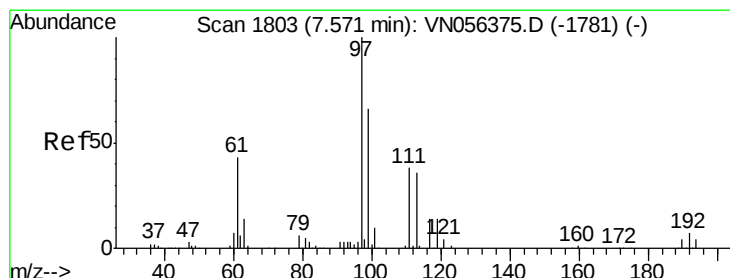
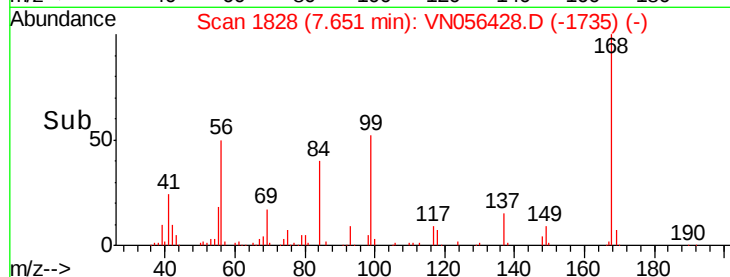
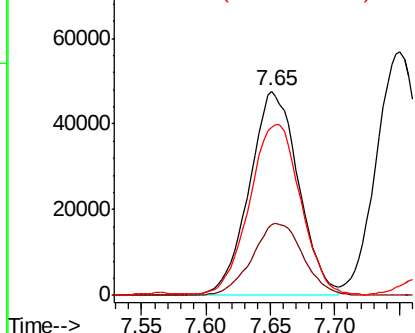
#31
Cyclohexane
Concen: 20.234 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

Tot Ion: 56 Resp: 126383
Ion Ratio Lower Upper
56 100
69 34.7 25.8 38.6
84 81.1 69.4 104.0

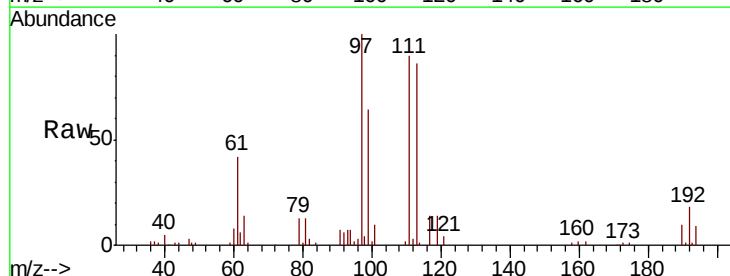


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

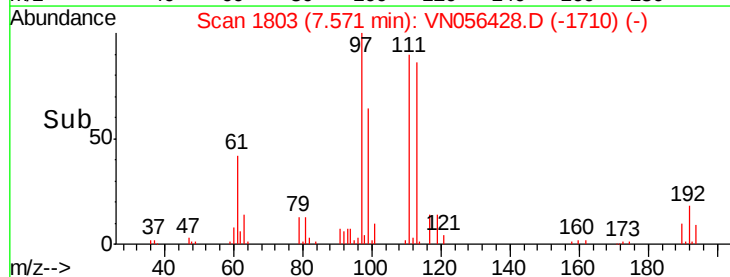
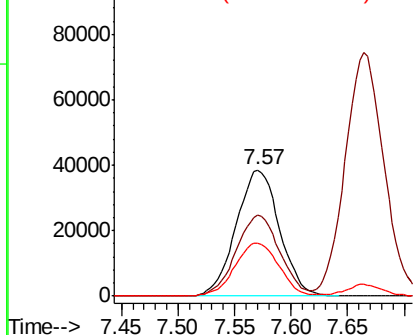


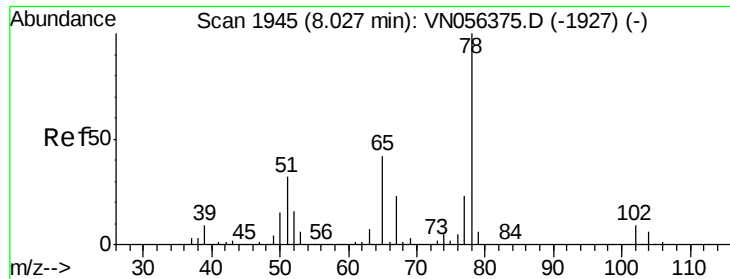
#32
1,1,1-Trichloroethane
Concen: 20.345 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 97 Resp: 102954
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 42.8 33.9 50.9



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

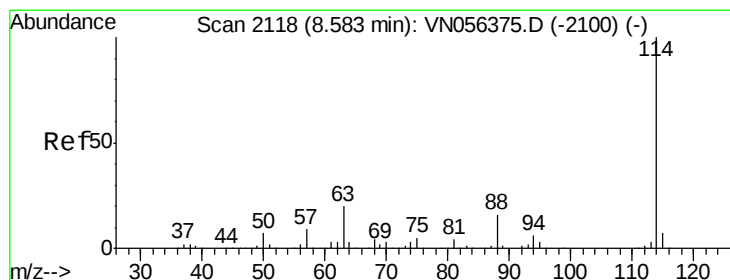
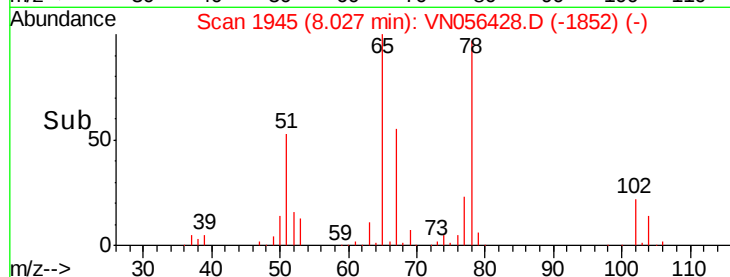
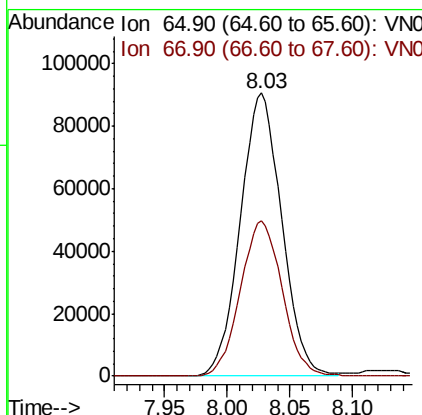
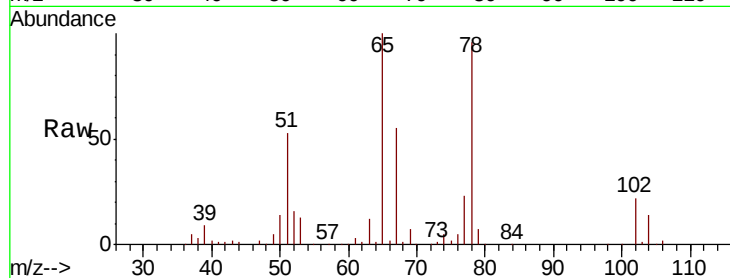




#33
 1,2-Dichloroethane-d4
 Concen: 51.513 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

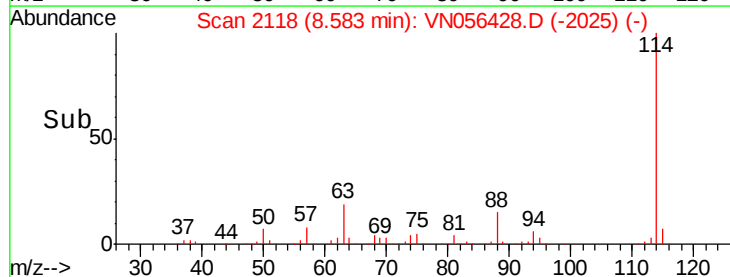
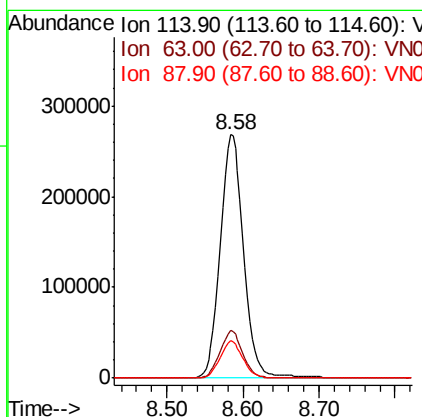
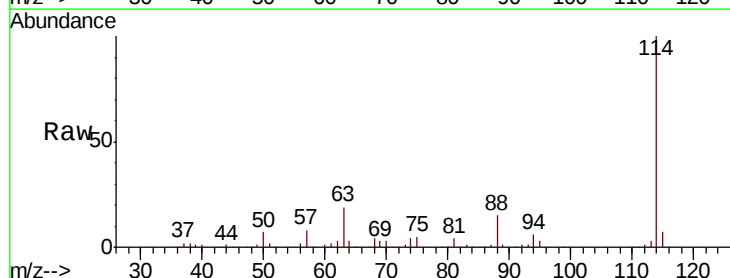
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

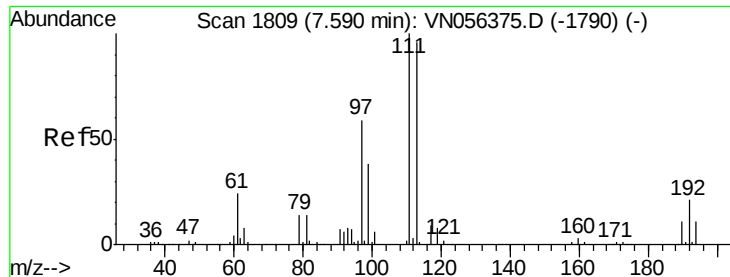
Tot Ion: 65 Resp: 208367
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 114 Resp: 575102
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.4

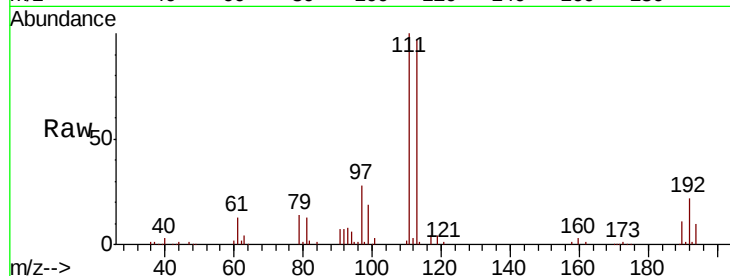




#35
 Dibromofluoromethane
 Concen: 49.472 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	23.0	17.7	26.5

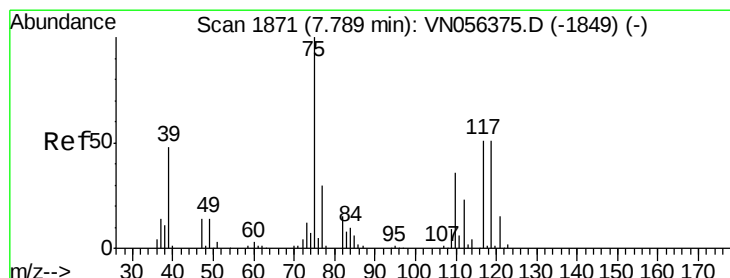
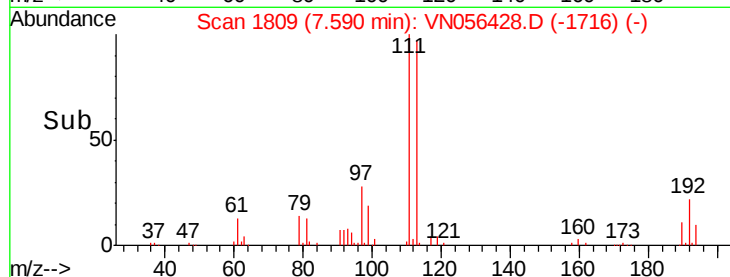
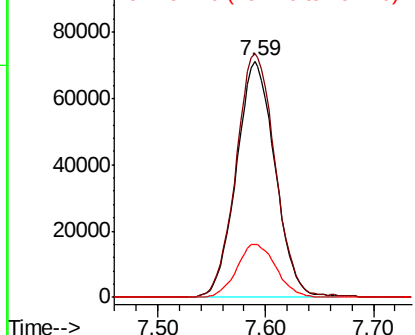


Abundance

Ion 112.80 (112.50 to 113.50): V

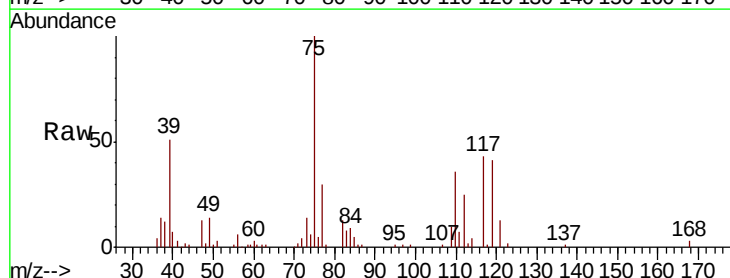
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.794 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.1	54.3
77	31.6	24.6	36.8

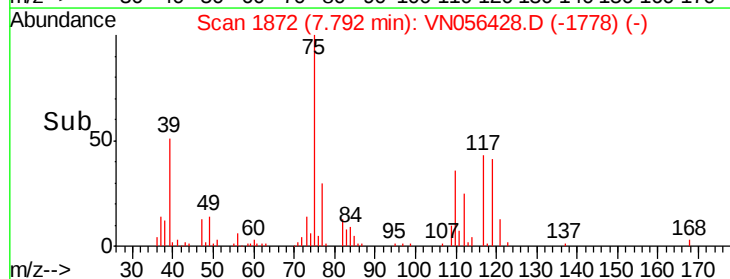
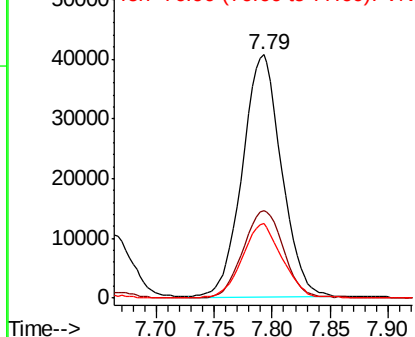


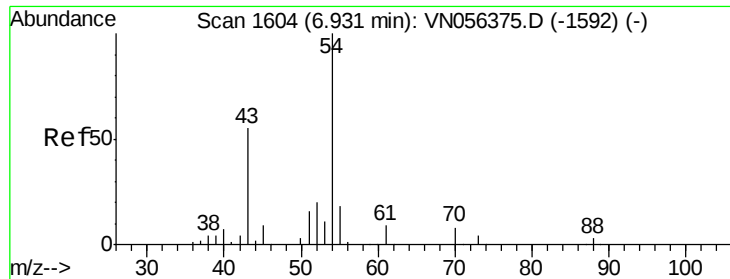
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

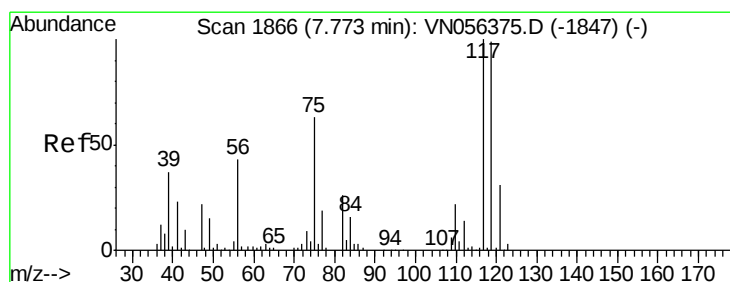
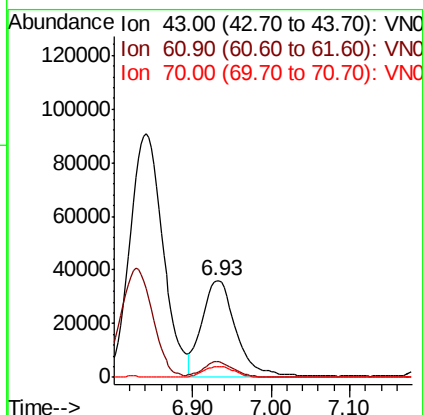
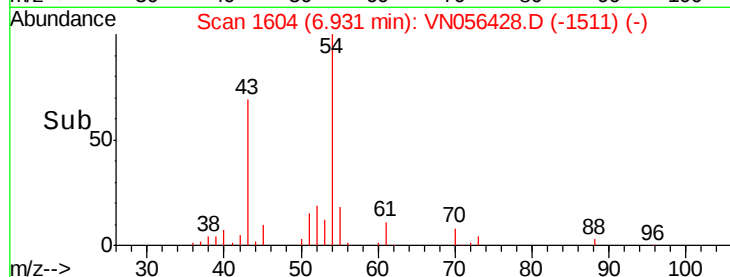
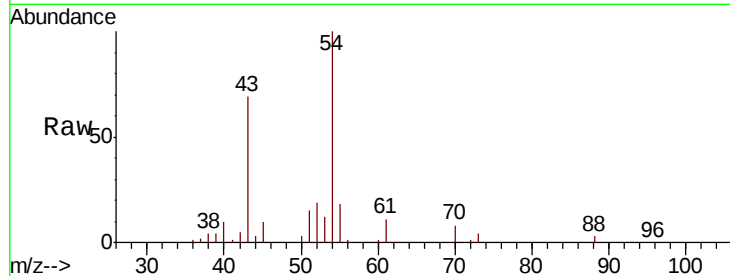




#37
Ethyl Acetate
Concen: 21.568 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

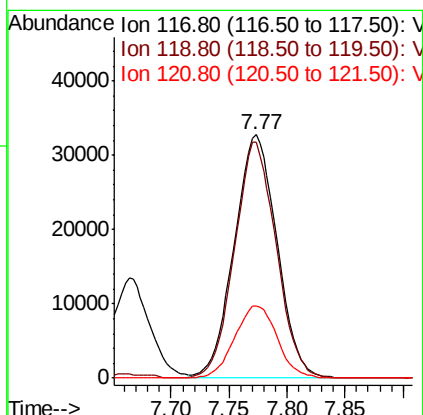
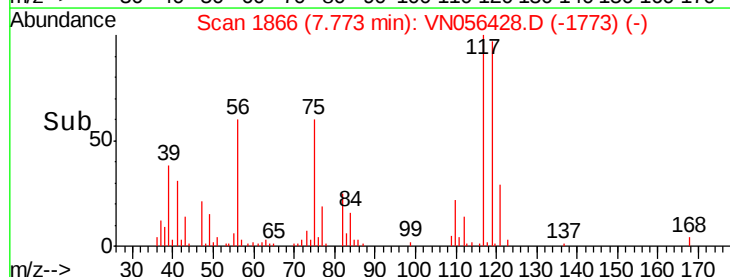
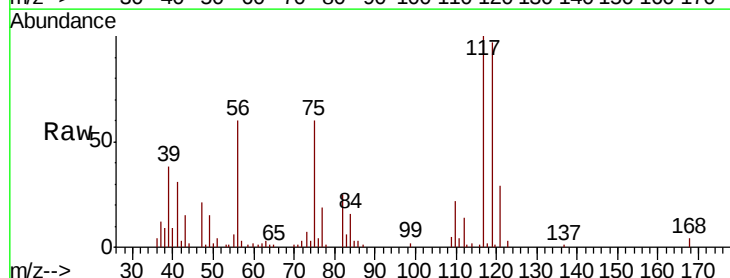
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

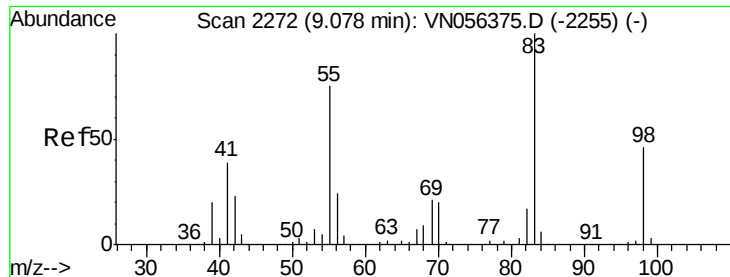
Tot Ion: 43 Resp: 107293
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 10.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.010 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 117 Resp: 84149
Ion Ratio Lower Upper
117 100
119 96.7 79.1 118.7
121 29.5 24.8 37.2

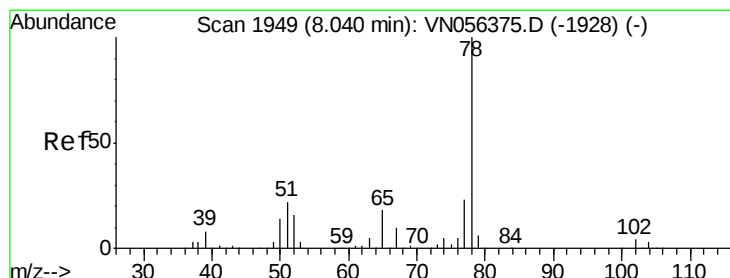
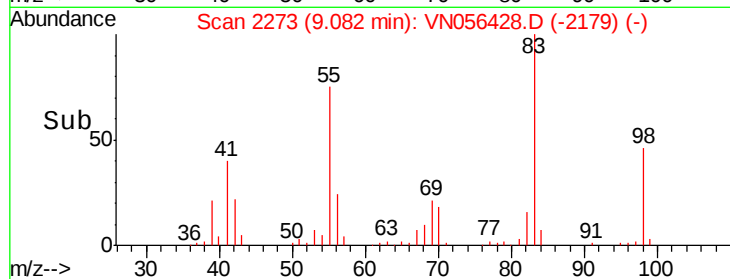
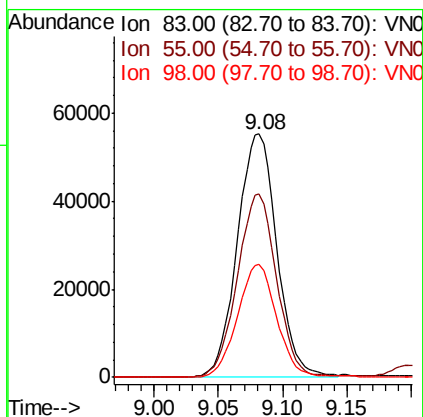
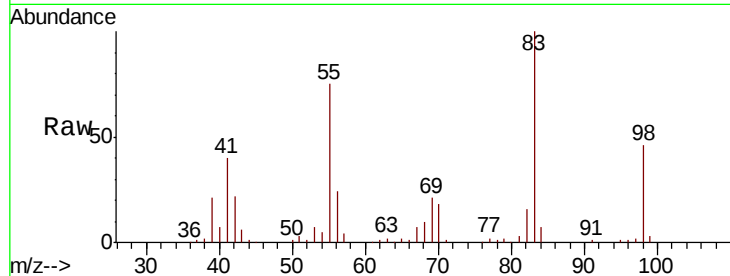




#39
Methvlcvclohexane
Concen: 18.921 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

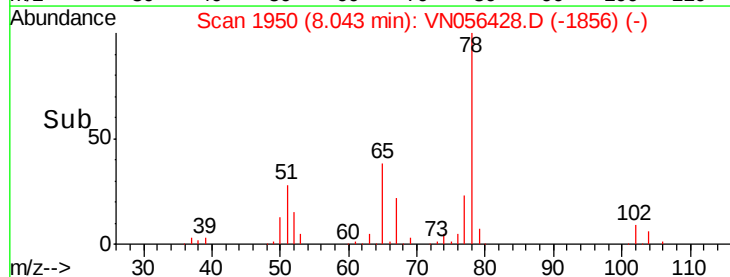
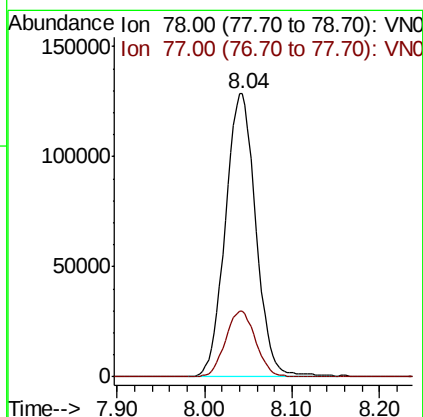
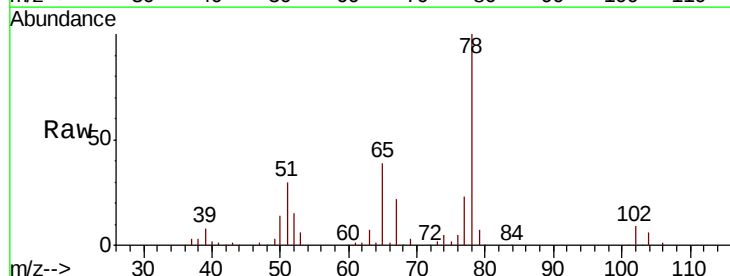
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

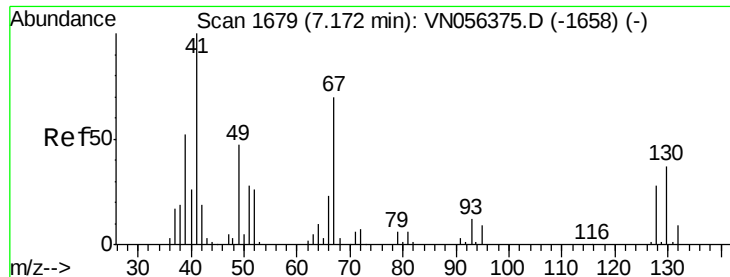
Tot Ion: 83 Resp: 118178
Ion Ratio Lower Upper
83 100
55 75.2 60.0 90.0
98 46.2 36.6 54.8



#40
Benzene
Concen: 19.984 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 78 Resp: 311158
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

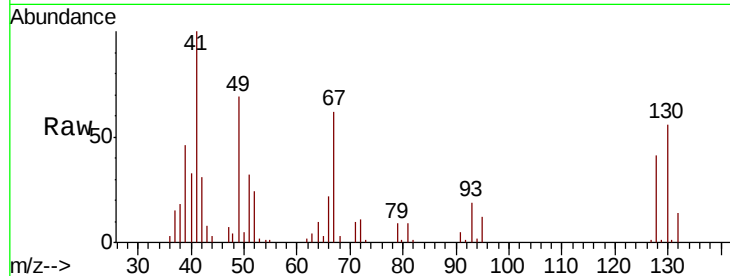




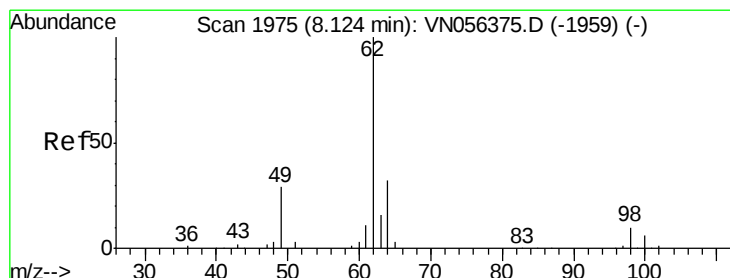
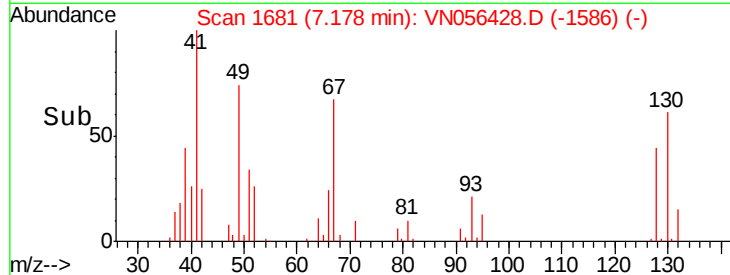
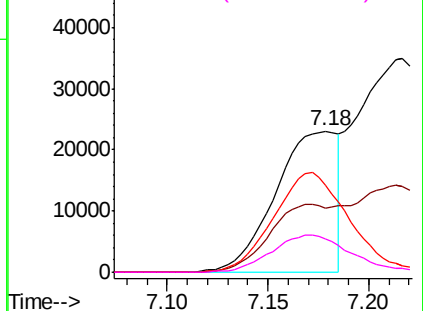
#41
Methacrylonitrile
Concen: 22.477 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

Tot Ion: 41 Resp: 49374
Ion Ratio Lower Upper
41 100
39 42.7 55.3 82.9#
67 86.6 79.2 118.8
52 33.7 31.4 47.0

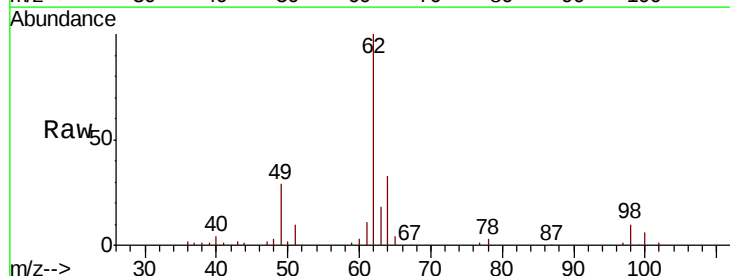


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

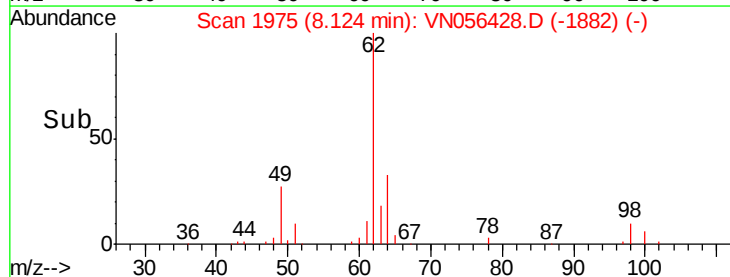
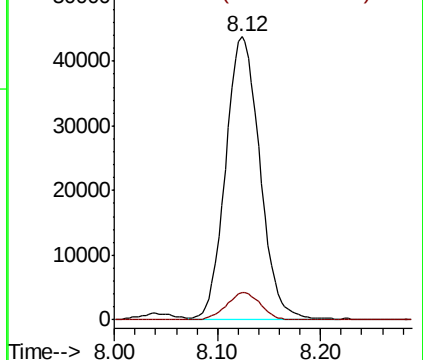


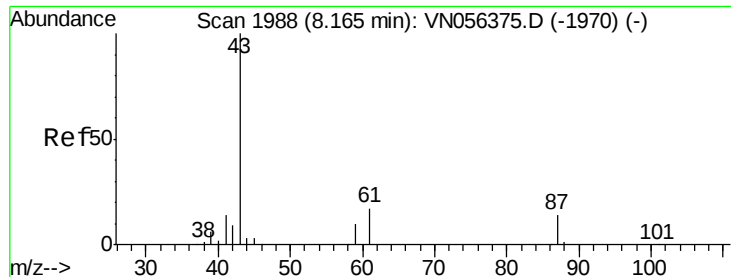
#42
1,2-Dichloroethane
Concen: 19.829 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 62 Resp: 101893
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.636 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

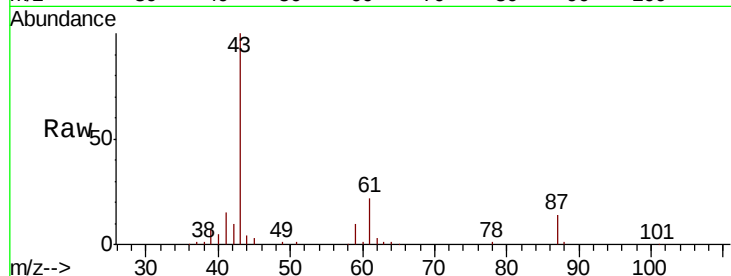
Tot Ion: 43 Resp: 158291

Ion Ratio Lower Upper

43 100

61 28.4 22.0 33.0

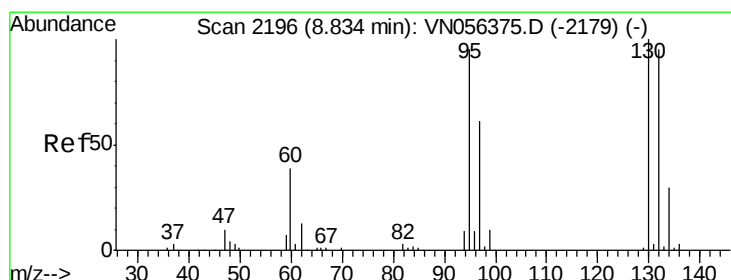
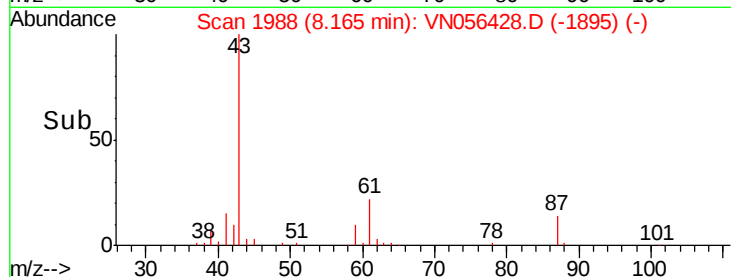
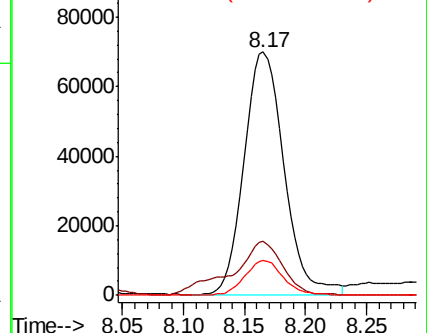
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 19.707 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056428.D

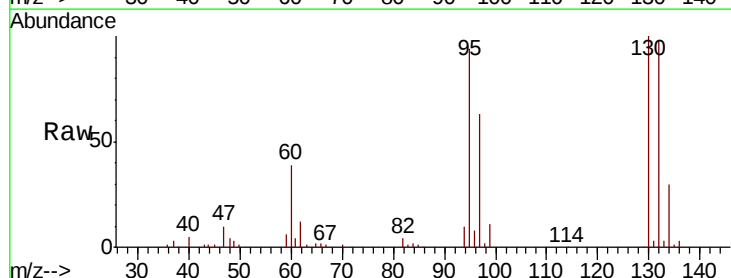
Acq: 21 Jun 2019 16:02

Tgt Ion: 130 Resp: 82657

Ion Ratio Lower Upper

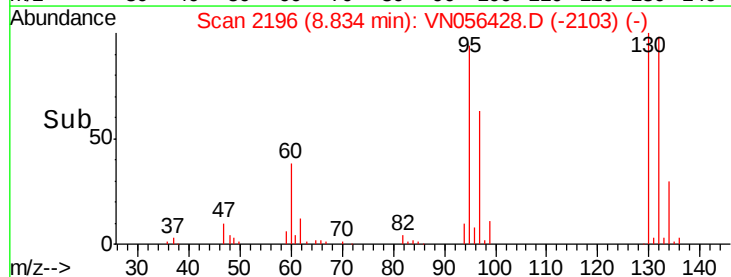
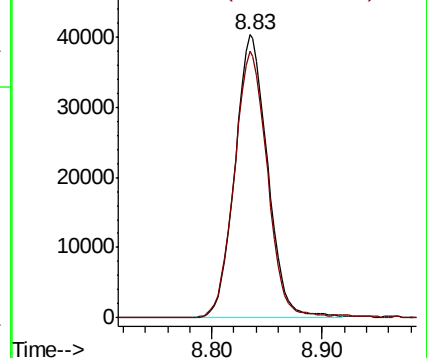
130 100

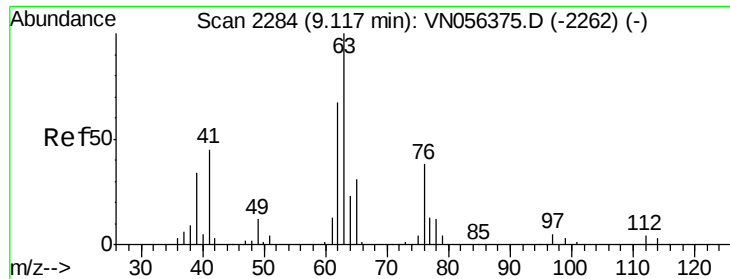
95 94.1 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

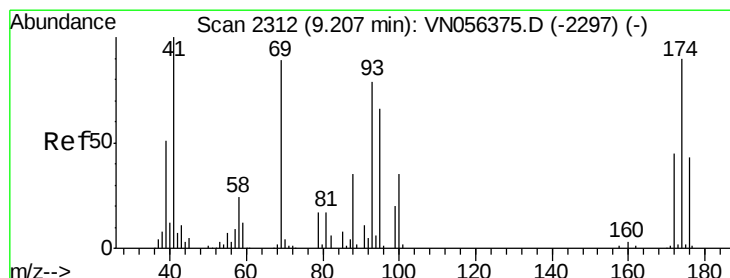
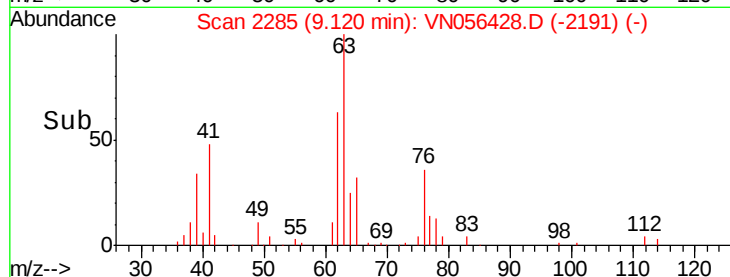
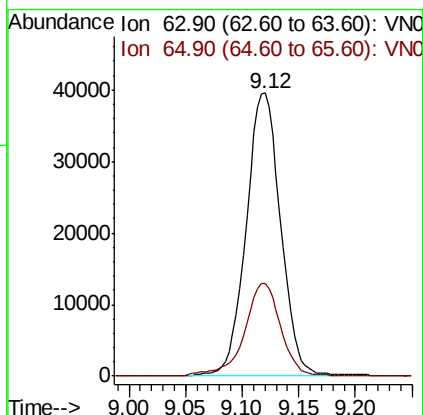
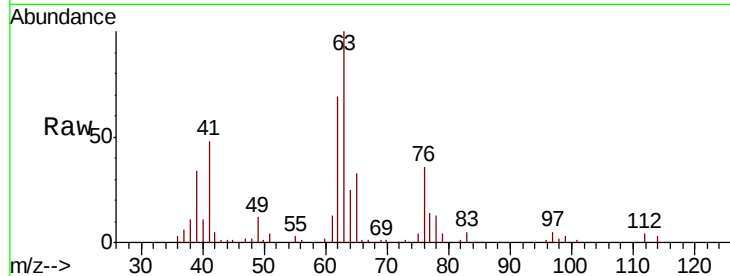




#45
 1,2-Dichloropropane
 Concen: 20.174 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

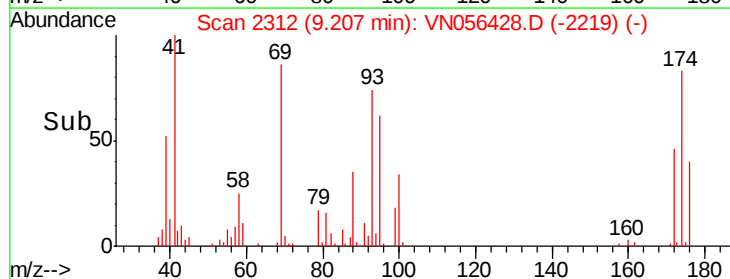
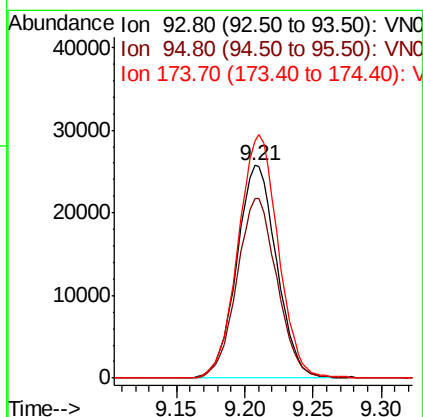
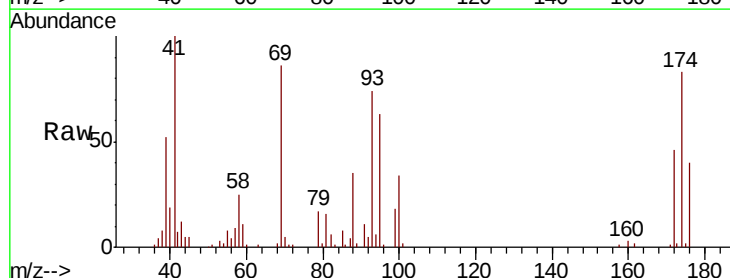
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

Tot Ion: 63 Resp: 84008
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.0 37.6



#46
 Dibromomethane
 Concen: 20.073 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 93 Resp: 52294
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.2
 174 114.9 90.8 136.2





#47

Bromodichloromethane

Concen: 19.320 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

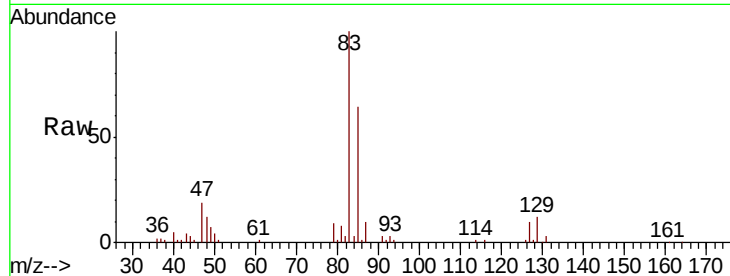
Tot Ion: 83 Resp: 89268

Ion Ratio Lower Upper

83 100

85 64.1 52.2 78.4

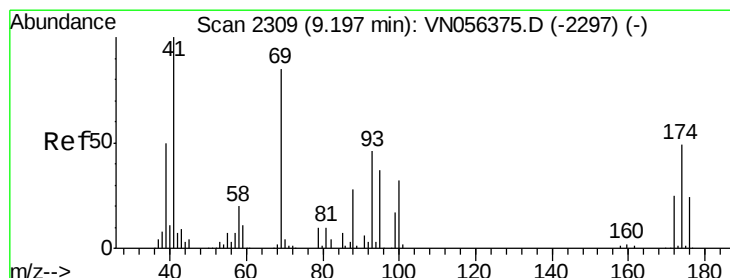
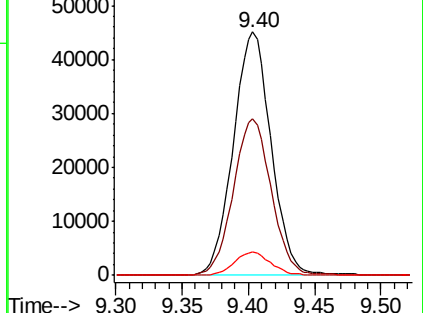
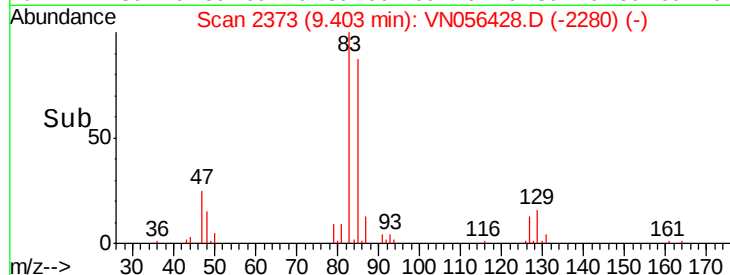
127 9.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.851 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

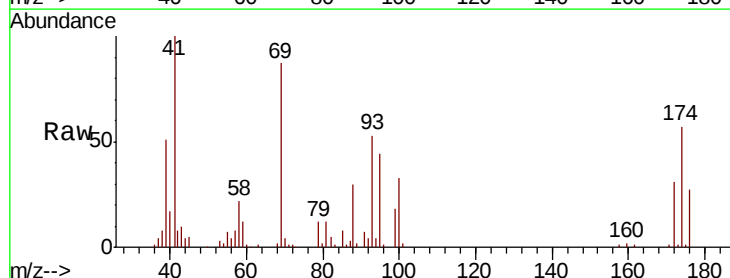
Tgt Ion: 41 Resp: 76306

Ion Ratio Lower Upper

41 100

69 90.1 72.6 109.0

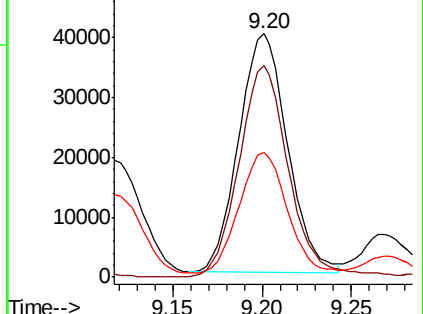
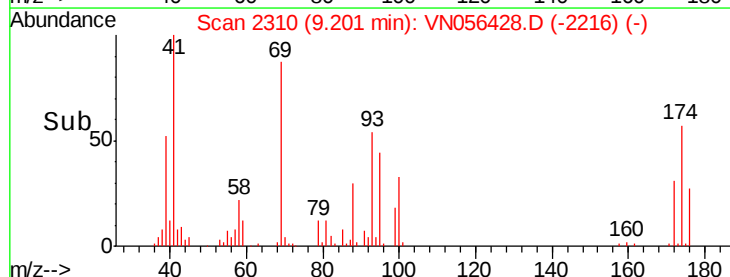
39 52.6 42.6 63.8

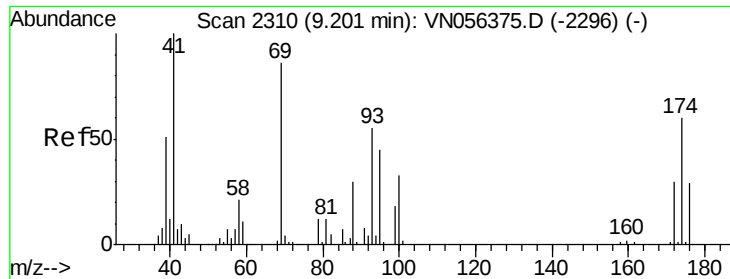


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 394.034 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

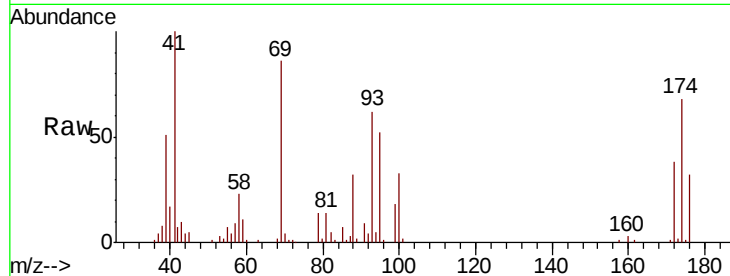
Tot Ion: 88 Resp: 31432

Ion Ratio Lower Upper

88 100

43 25.6 22.0 33.0

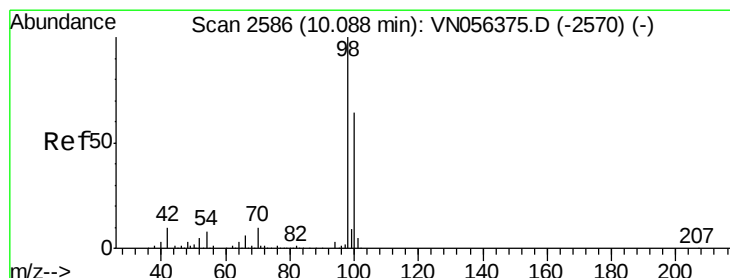
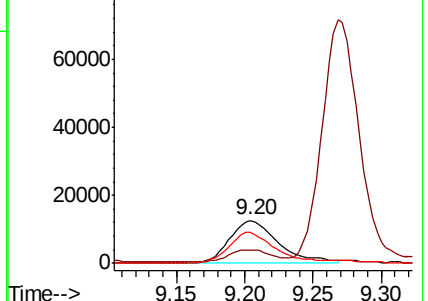
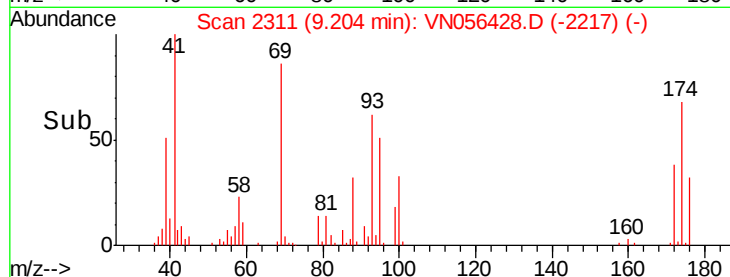
58 70.3 51.8 77.8



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: 49.432 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056428.D

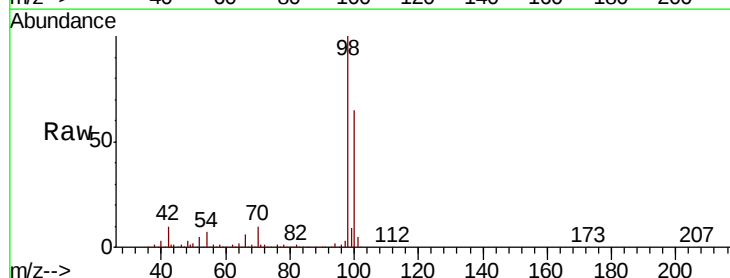
Acq: 21 Jun 2019 16:02

Tgt Ion: 98 Resp: 690070

Ion Ratio Lower Upper

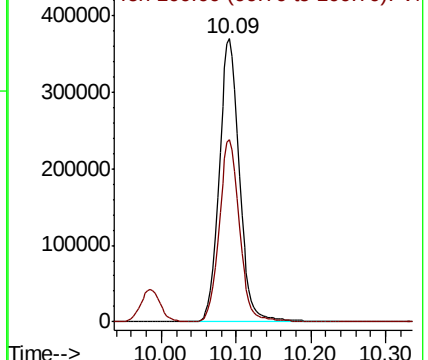
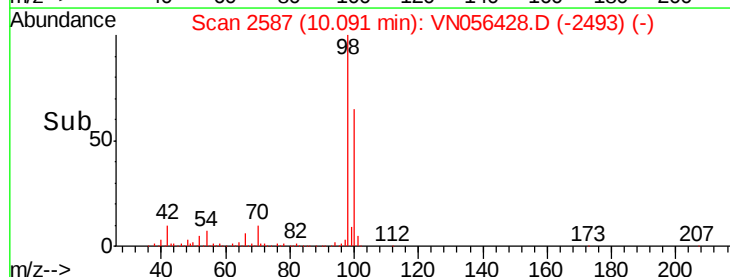
98 100

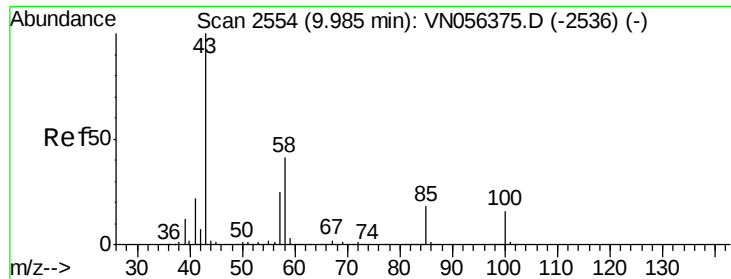
100 64.8 52.2 78.2



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: 102.256 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

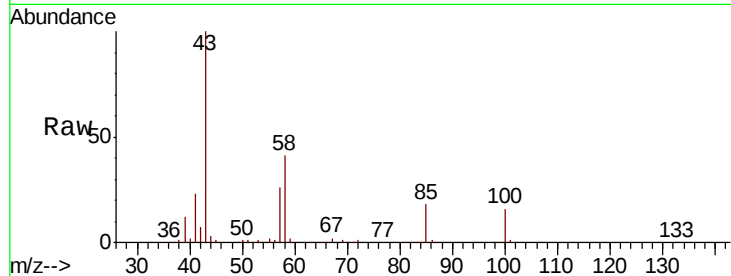
VN0621MBSD01

Tot Ion: 43 Resp: 506263

Ion Ratio Lower Upper

43 100

58 40.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

300000

250000

200000

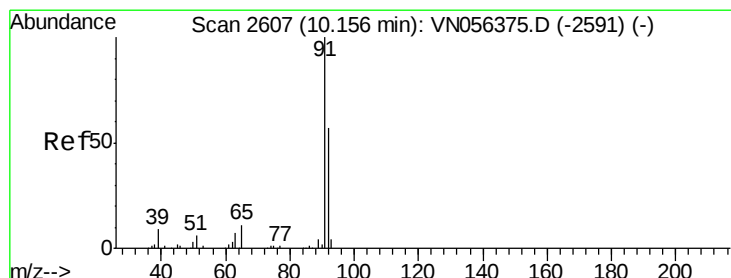
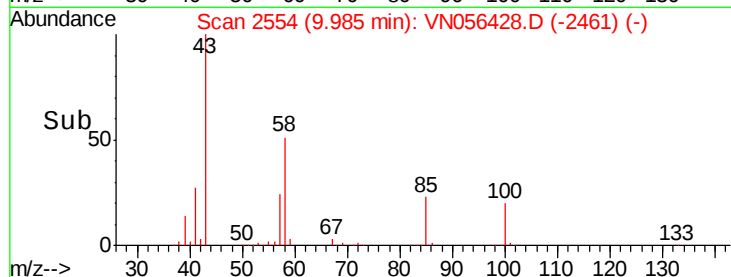
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.068 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056428.D

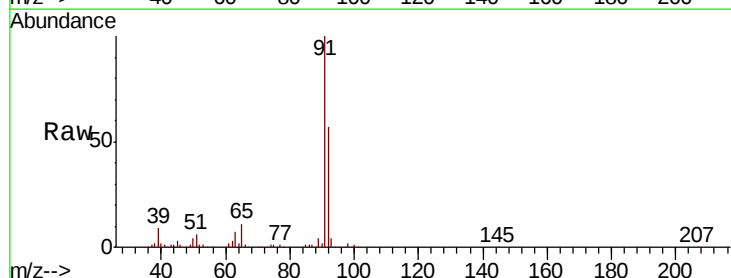
Acq: 21 Jun 2019 16:02

Tgt Ion: 92 Resp: 191035

Ion Ratio Lower Upper

92 100

91 174.2 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

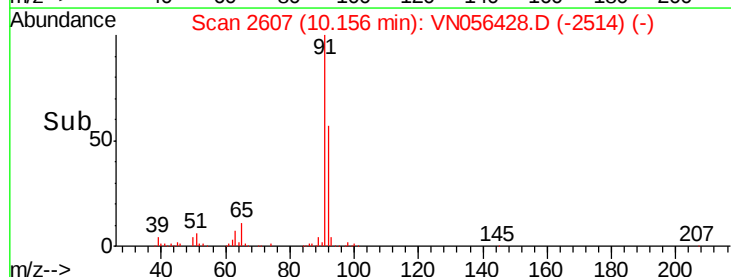
150000

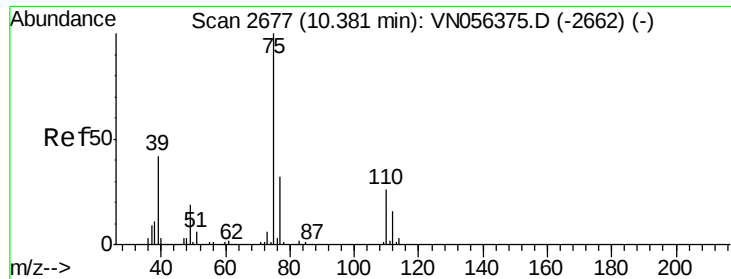
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.776 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

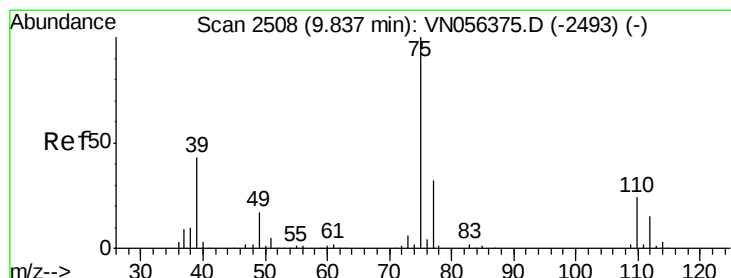
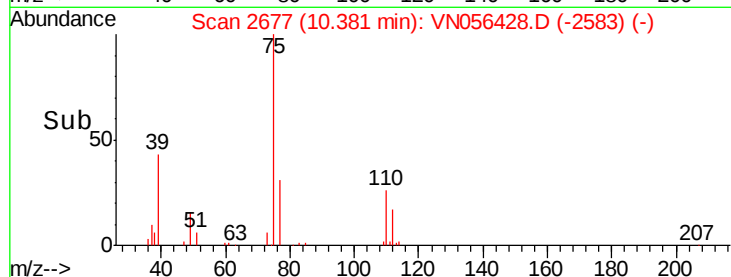
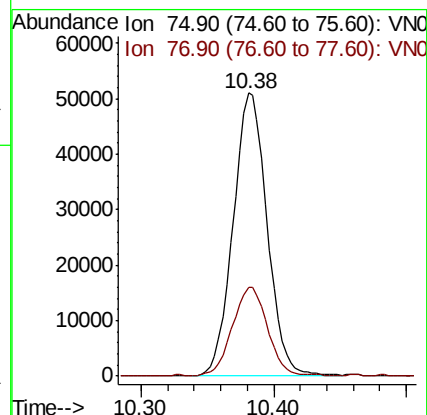
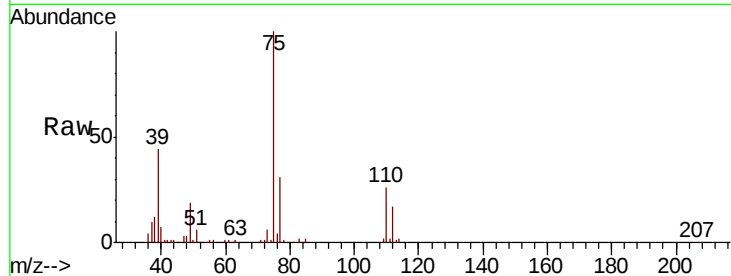
VN0621MBSD01

Tot Ion: 75 Resp: 90731

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.681 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

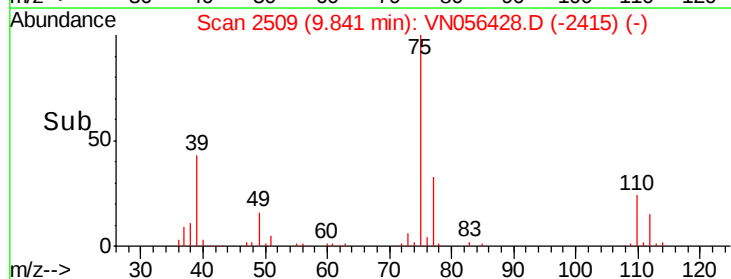
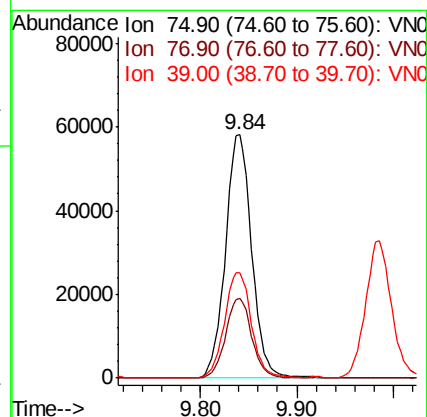
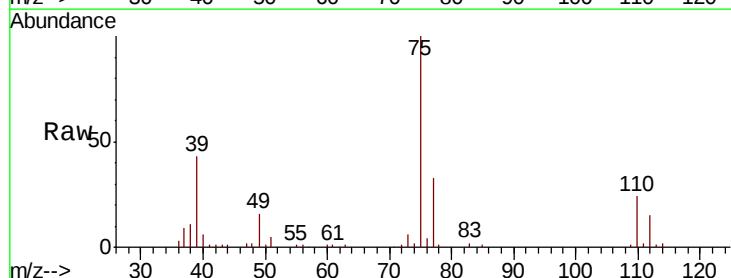
Tgt Ion: 75 Resp: 109509

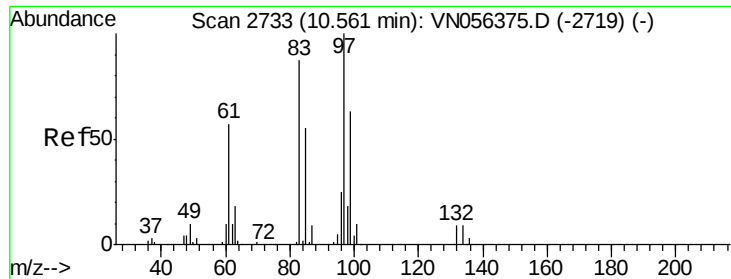
Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

39 42.7 34.2 51.4

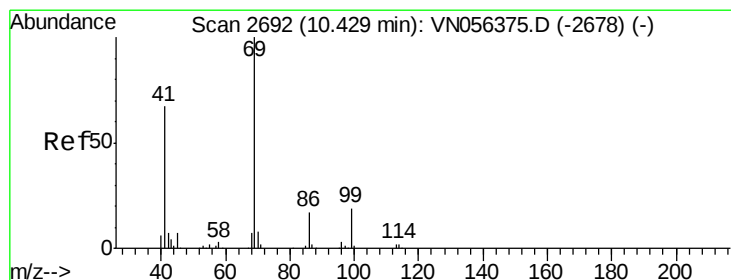
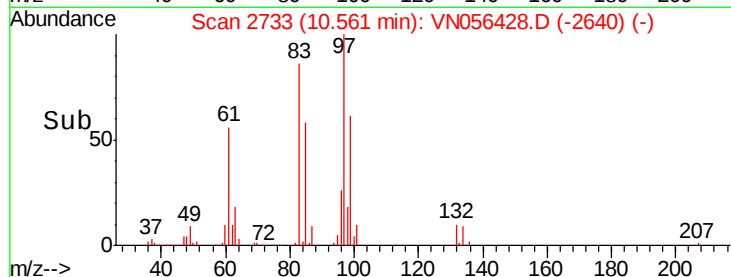
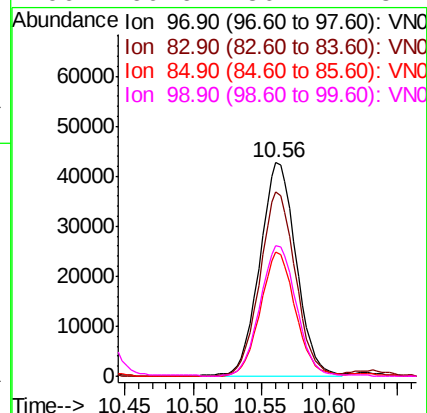
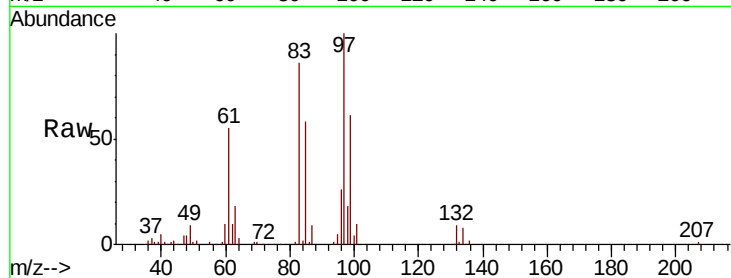




#55
 1,1,2-Trichloroethane
 Concen: 20.723 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

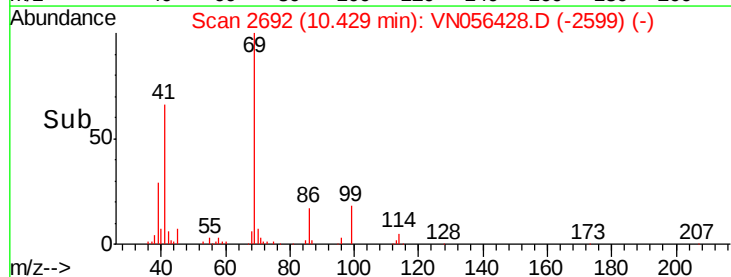
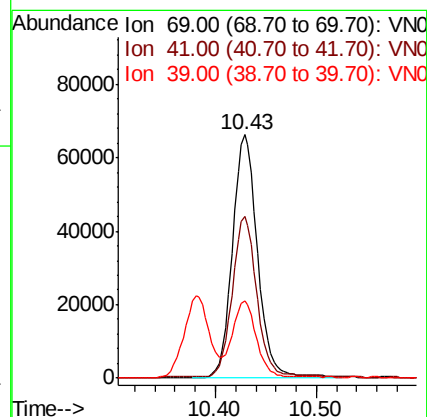
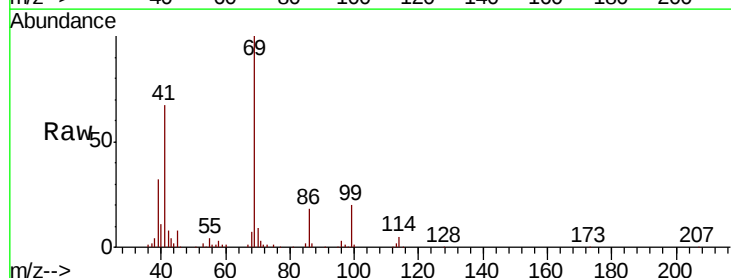
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

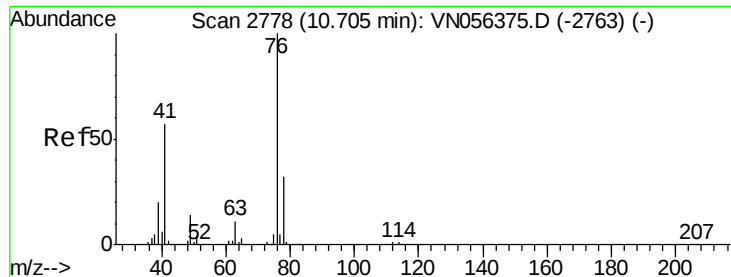
Tot Ion	97	Resp	79297
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.6
85	57.9	43.8	65.8
99	60.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.703 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion	69	Resp	115773
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.4	77.2
39	29.5	24.7	37.1

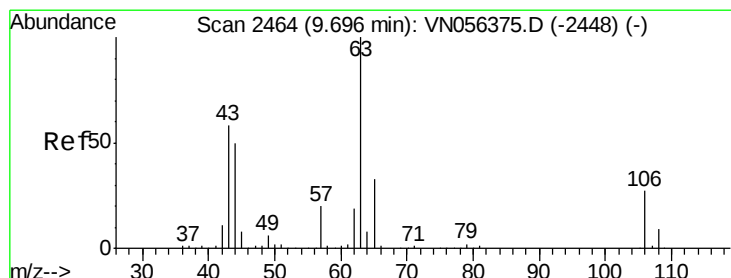
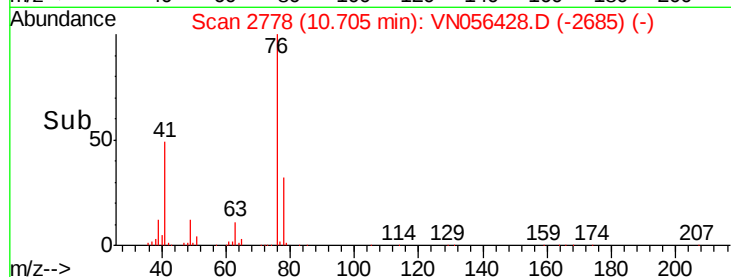
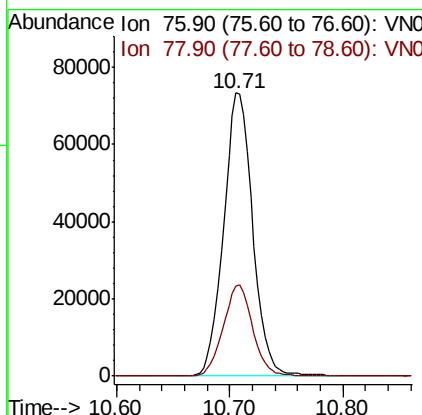
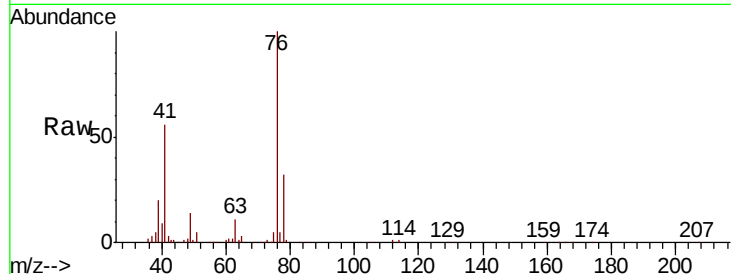




#57
 1,3-Dichloropropane
 Concen: 20.422 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

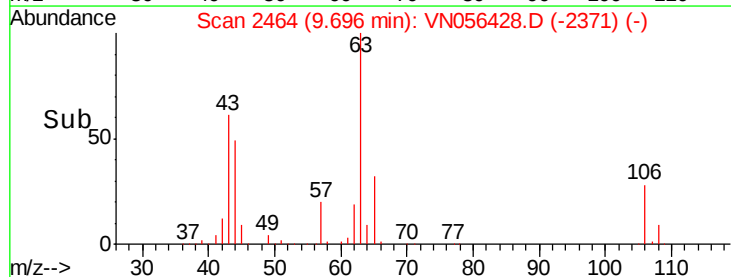
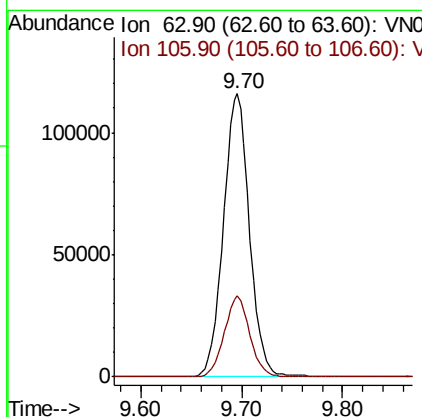
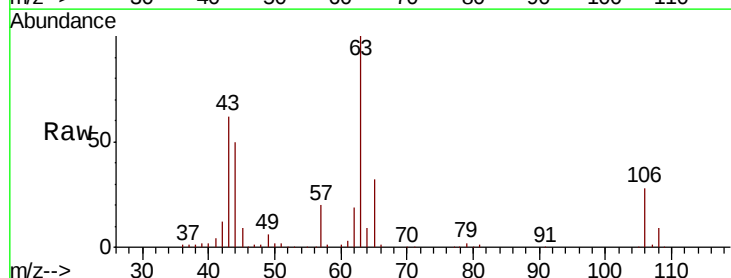
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

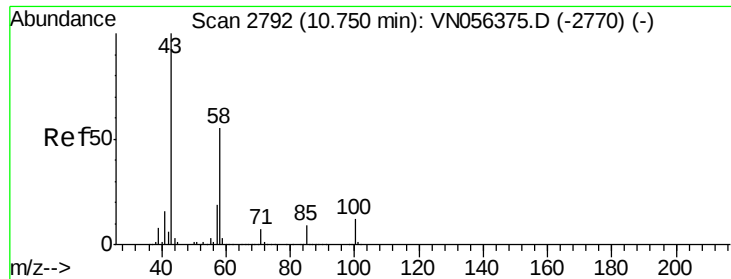
Tot Ion: 76 Resp: 131274
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.967 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 63 Resp: 208864
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.6 32.4

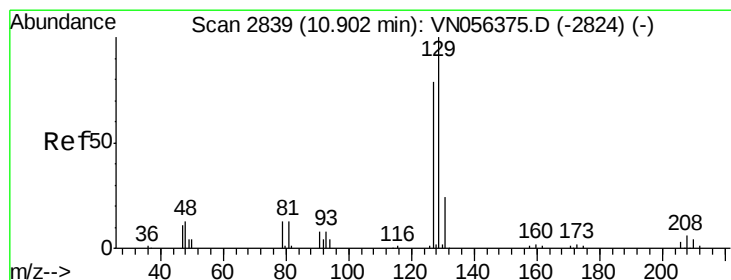
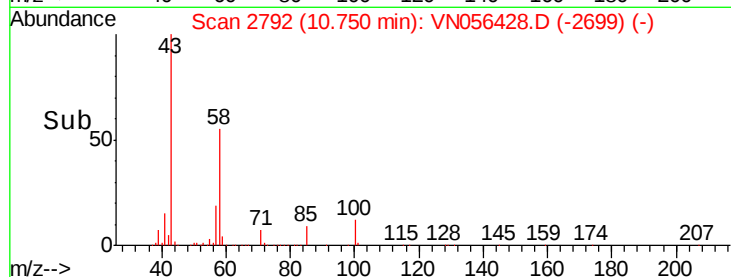
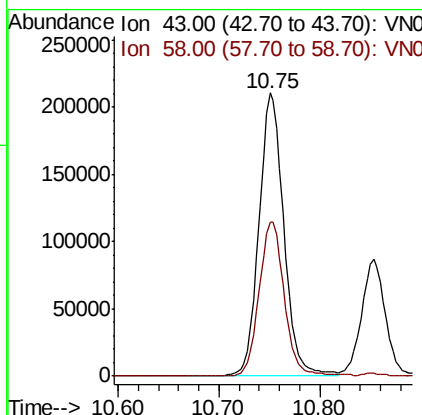
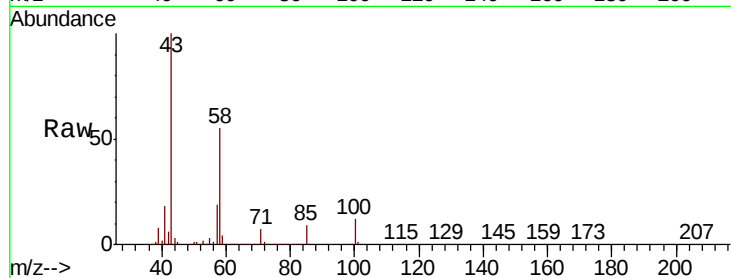




#59
2-Hexanone
Concen: 98.642 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

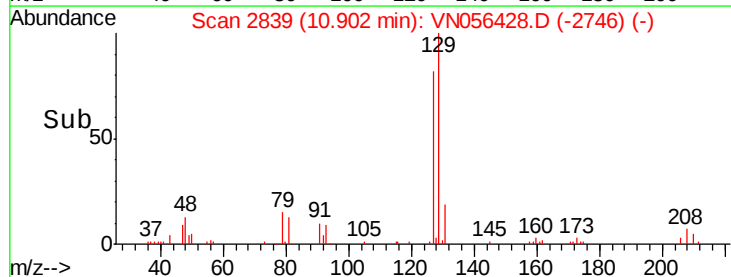
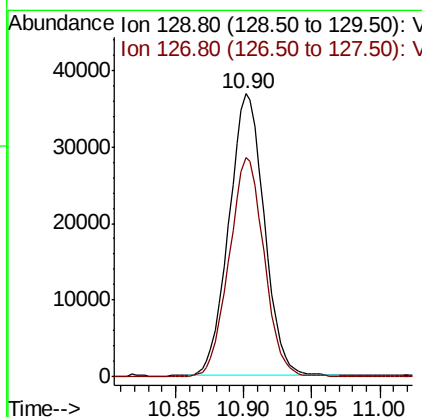
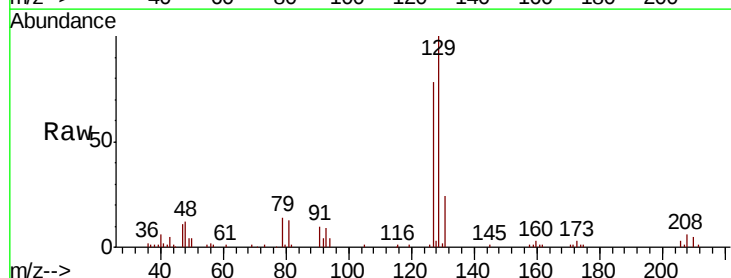
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

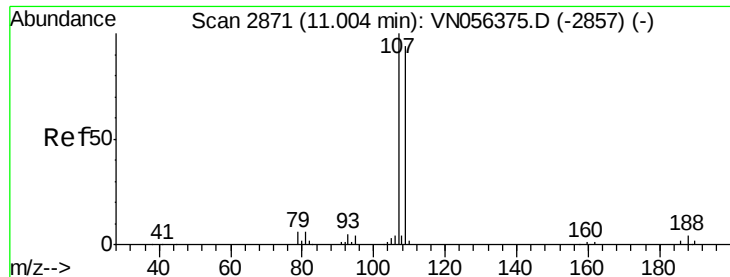
Tot Ion: 43 Resp: 358934
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 18.387 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 129 Resp: 66097
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

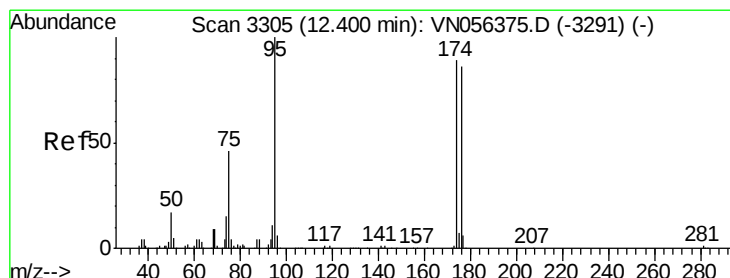
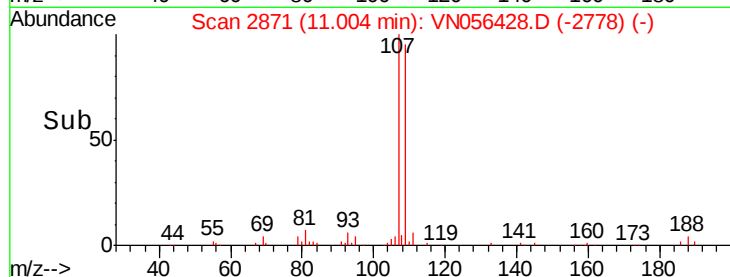
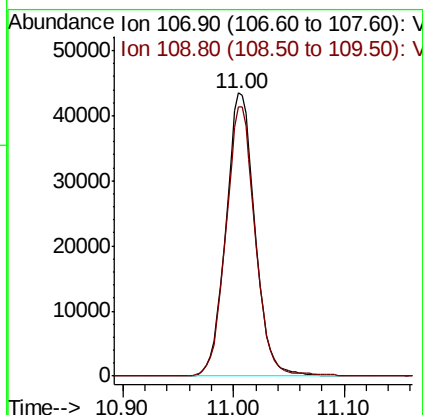
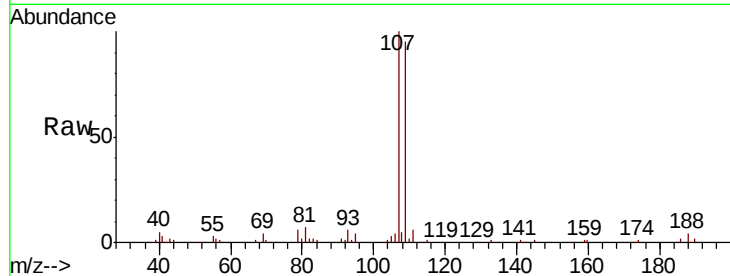




#61
 1,2-Dibromoethane
 Concen: 20.330 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

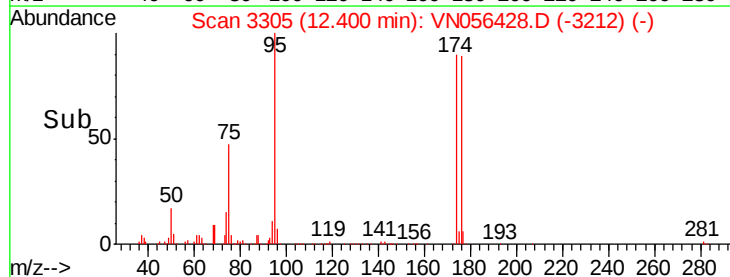
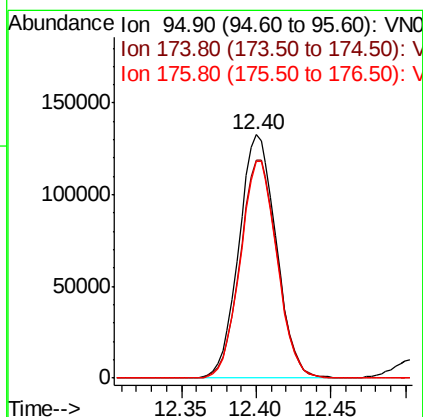
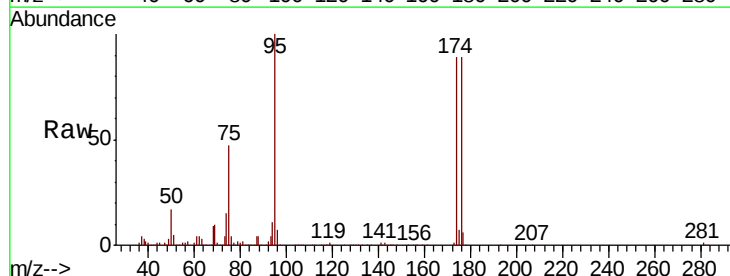
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

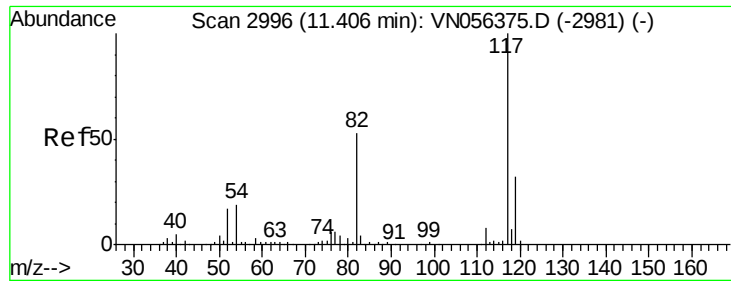
Tot Ion: 107 Resp: 79452
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.051 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion: 95 Resp: 228266
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 179.4
 176 88.5 0.0 173.4

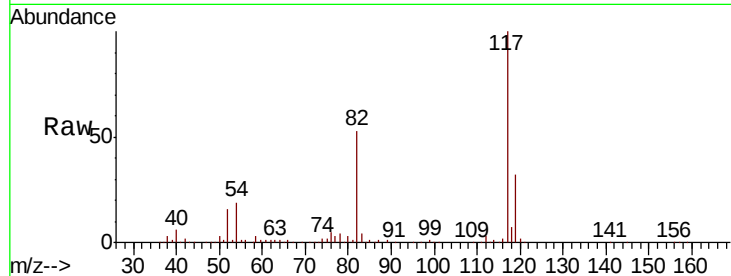




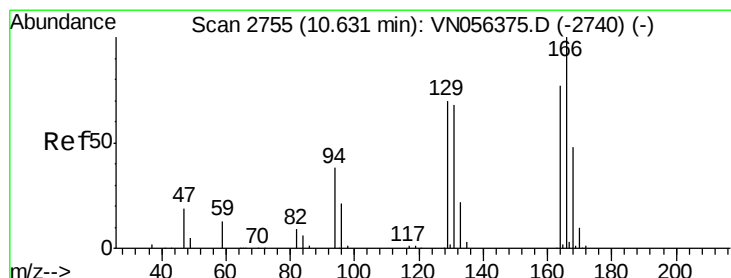
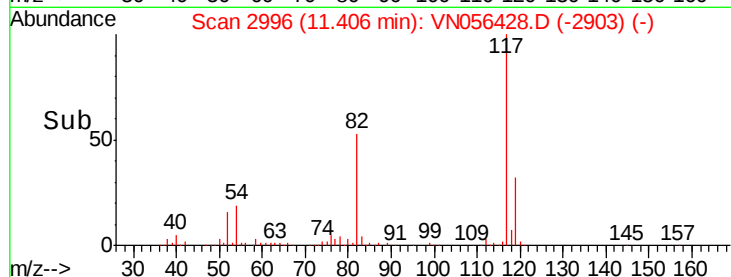
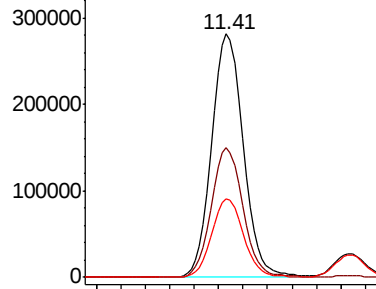
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

Tot Ion:117 Resp: 504305
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.4 25.3 37.9

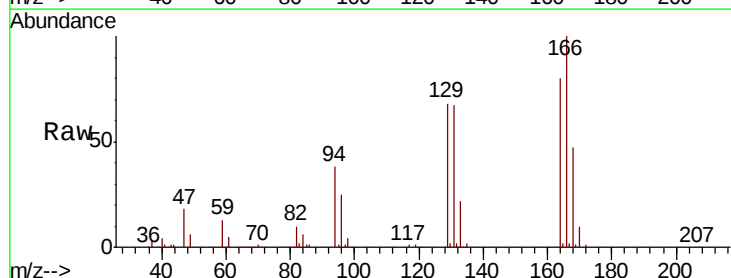


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

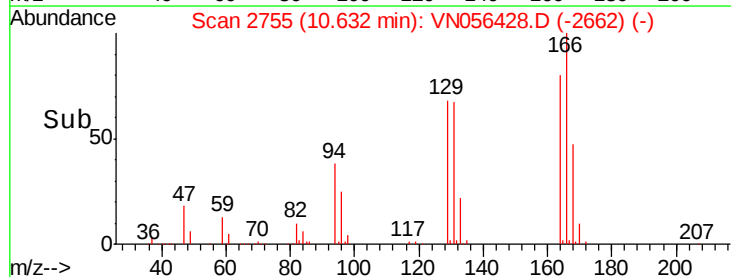
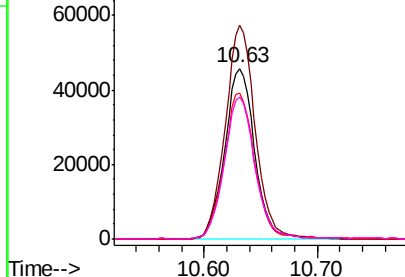


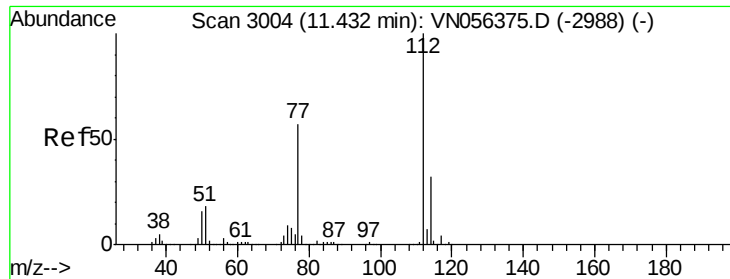
#64
Tetrachloroethene
Concen: 21.084 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion:164 Resp: 84204
Ion Ratio Lower Upper
164 100
166 125.2 103.4 155.0
129 85.7 72.0 108.0
131 83.3 70.2 105.2



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





#65

Chlorobenzene

Concen: 20.011 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

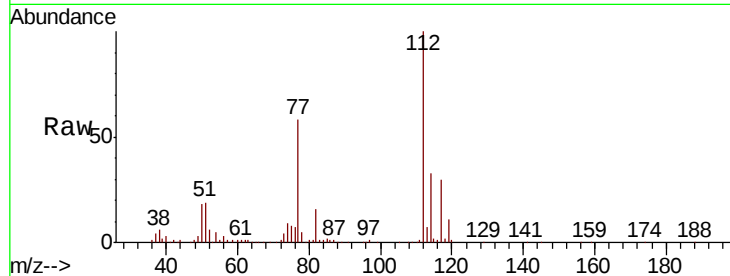
VN0621MBSD01

Tot Ion:112 Resp: 202783

Ion Ratio Lower Upper

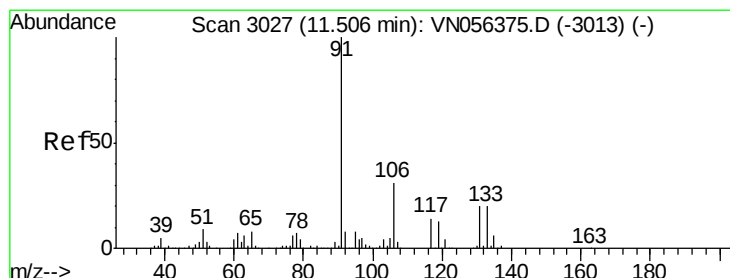
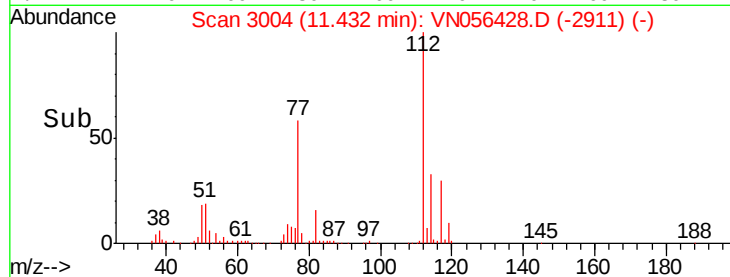
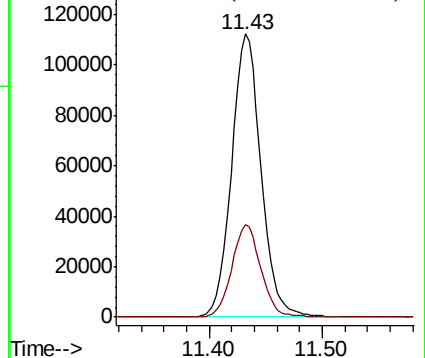
112 100

114 32.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.139 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

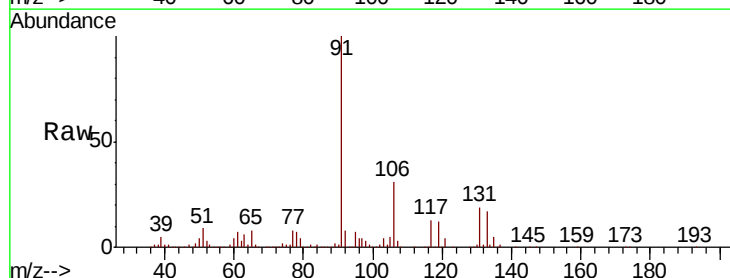
Tgt Ion:131 Resp: 68973

Ion Ratio Lower Upper

131 100

133 97.1 47.4 142.2

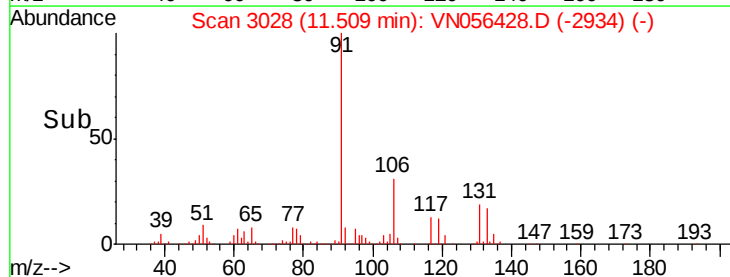
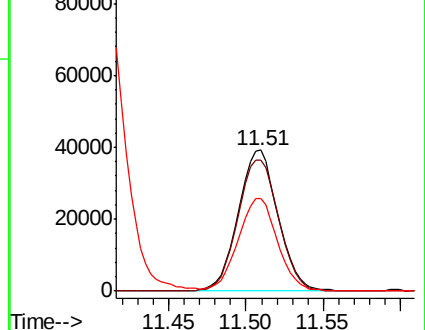
119 64.8 32.8 98.4

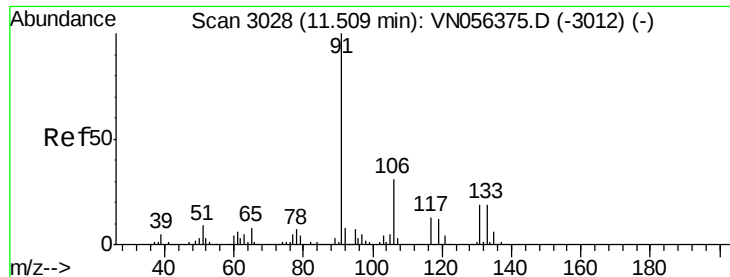


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.105 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

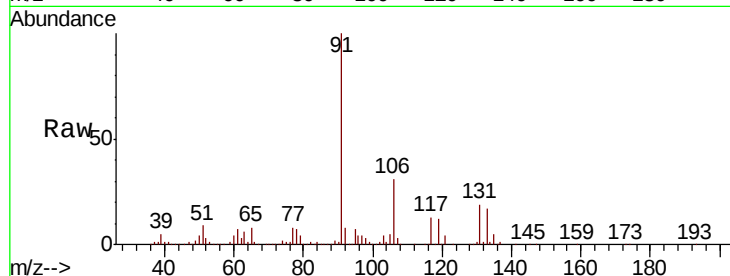
VN0621MBSD01

Tot Ion: 91 Resp: 357712

Ion Ratio Lower Upper

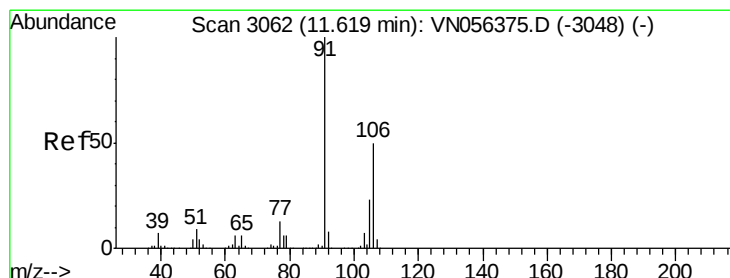
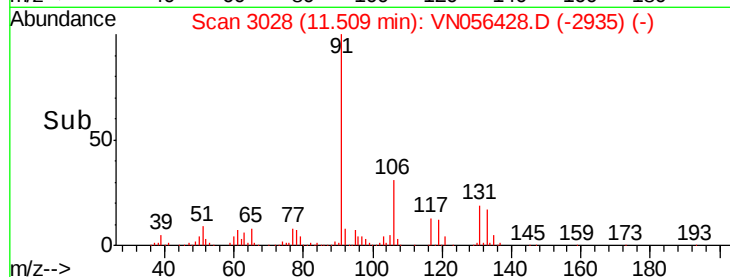
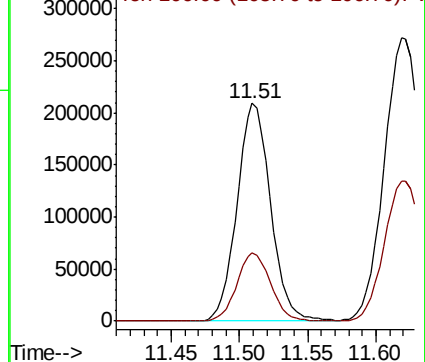
91 100

106 31.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.617 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN056428.D

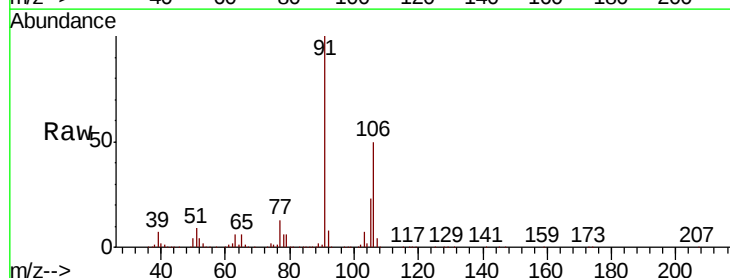
Acq: 21 Jun 2019 16:02

Tgt Ion: 106 Resp: 264850

Ion Ratio Lower Upper

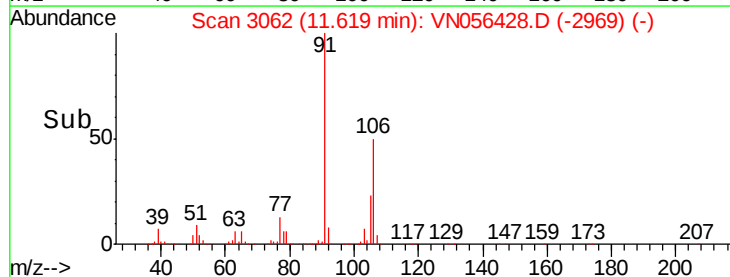
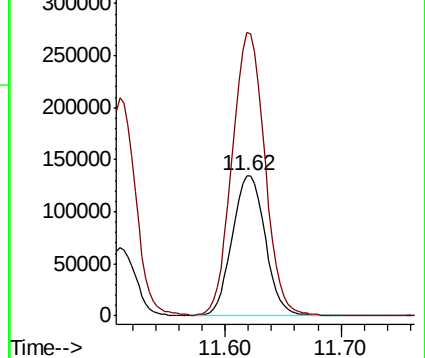
106 100

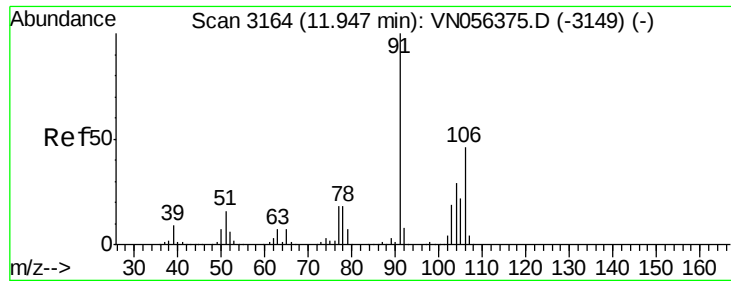
91 200.3 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

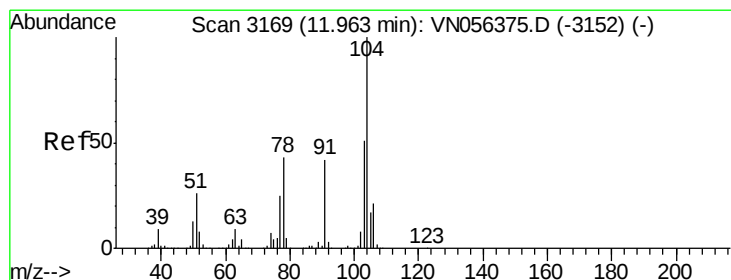
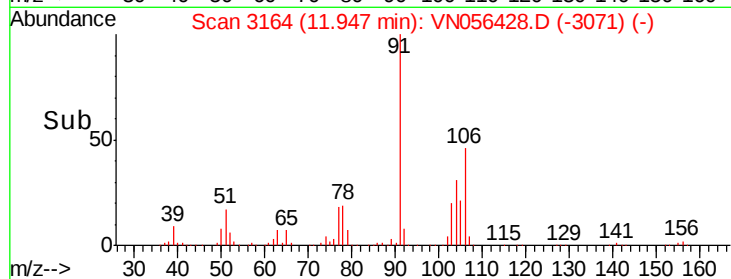
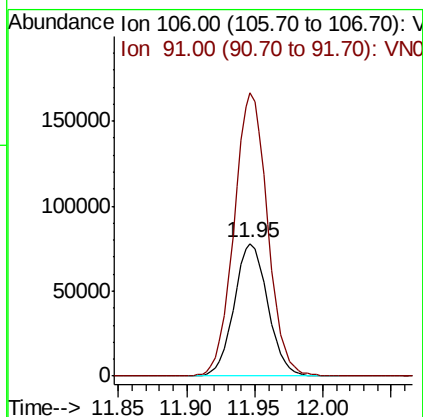
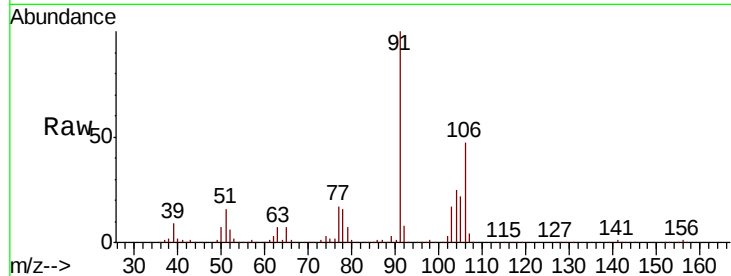




#69
o-Xylene
Concen: 20.691 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

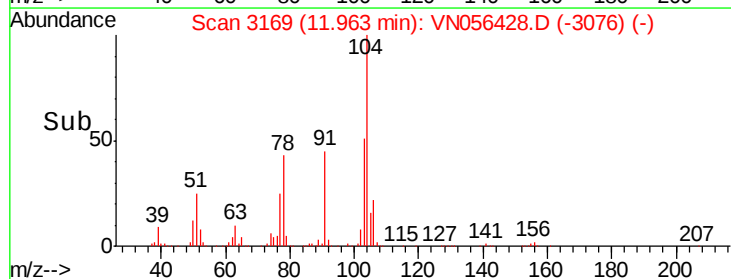
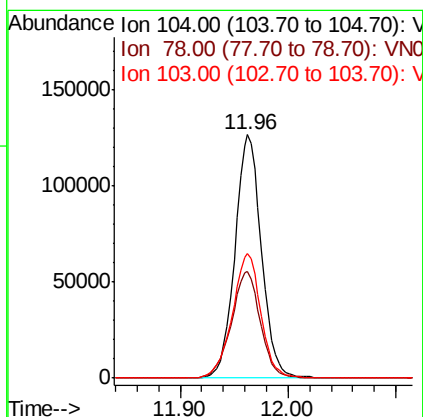
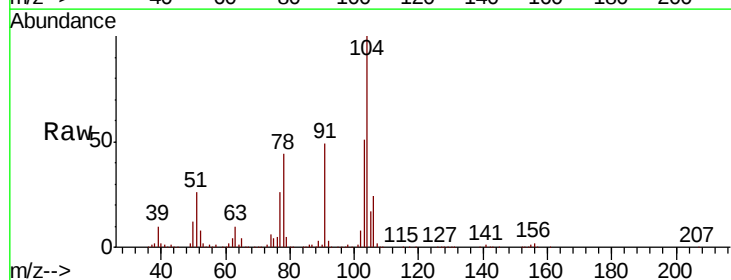
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

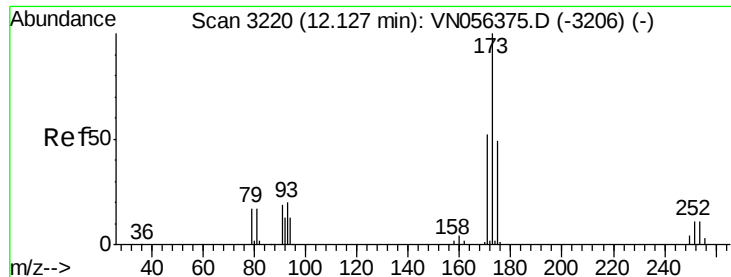
Tot Ion:106 Resp: 133477
Ion Ratio Lower Upper
106 100
91 211.7 107.1 321.3



#70
Styrene
Concen: 20.985 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion:104 Resp: 216384
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 55.0 43.9 65.9

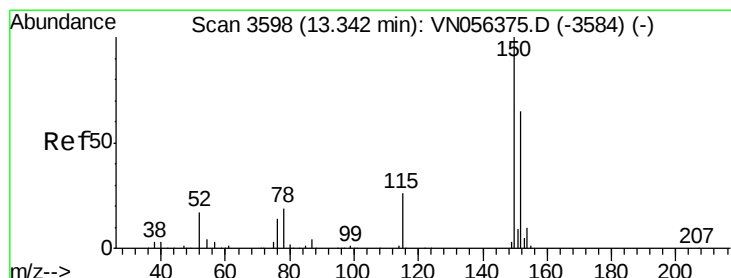
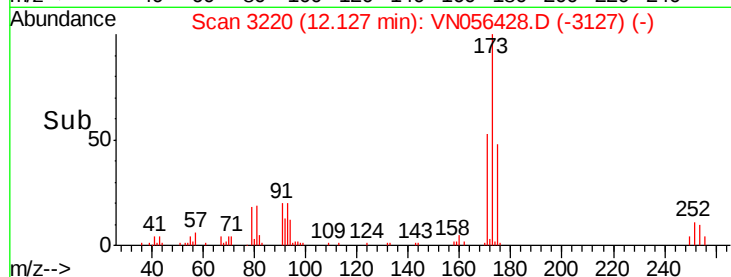
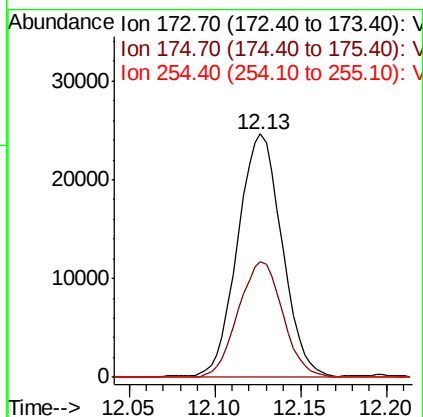
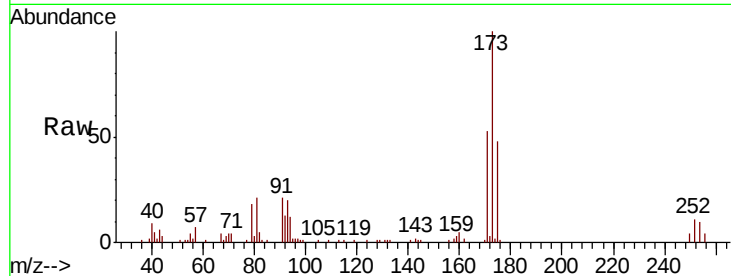




#71
 Bromoform
 Concen: 18.122 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

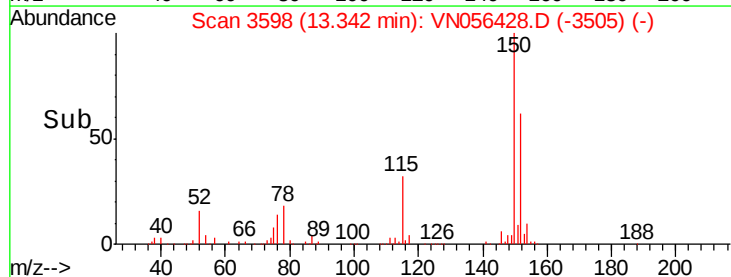
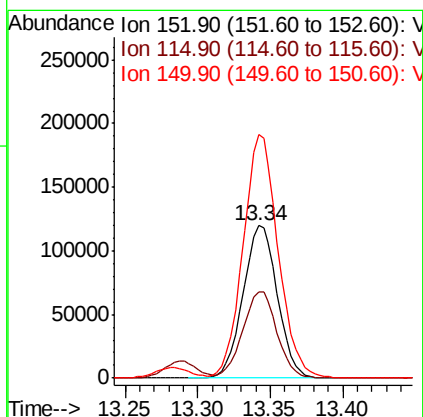
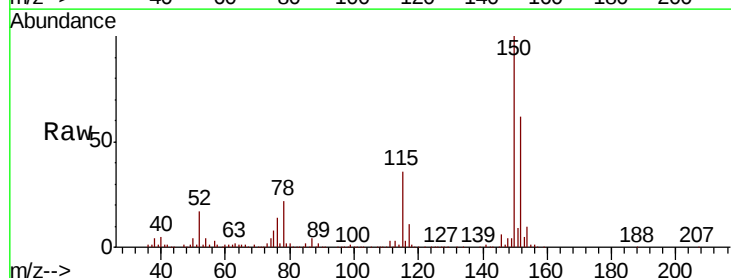
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

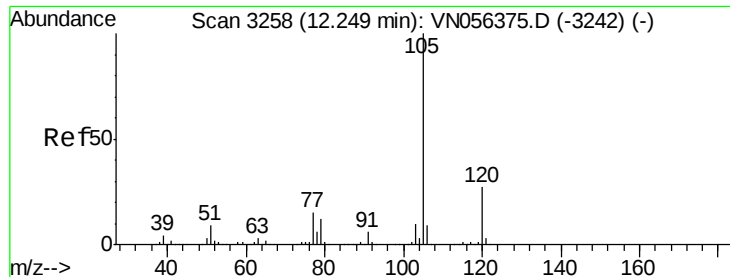
Tot Ion:173 Resp: 44161
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.4 73.4
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion:152 Resp: 197336
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.1 84.4
 150 162.9 0.0 348.4





#73

Isopropylbenzene

Concen: 22.116 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

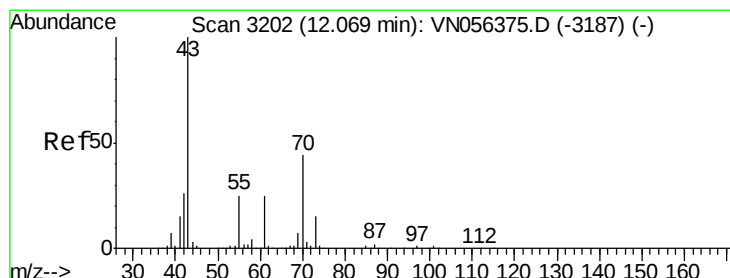
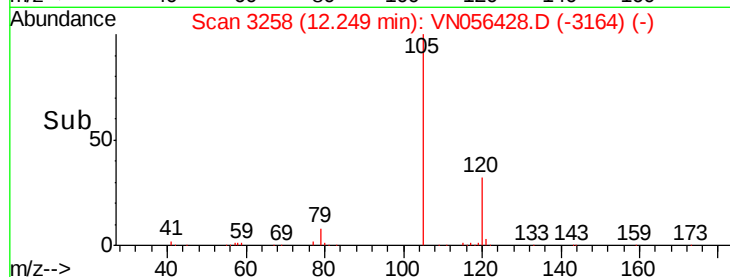
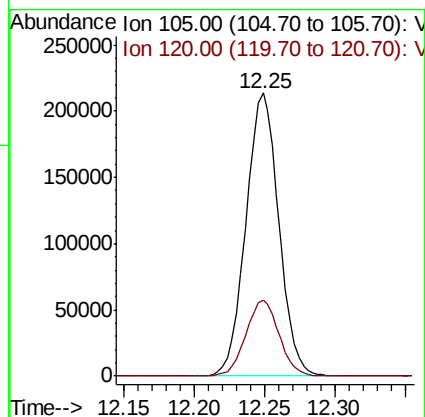
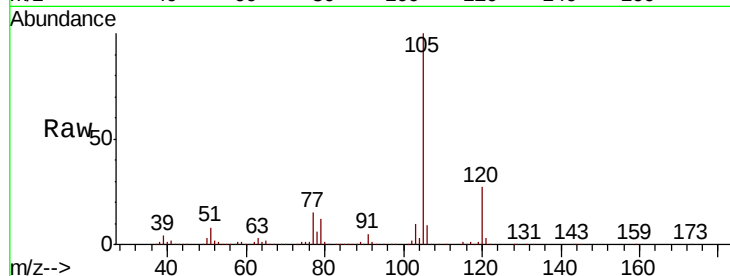
VN0621MBSD01

Tot Ion:105 Resp: 350022

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 21.288 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Tgt Ion: 43 Resp: 133700

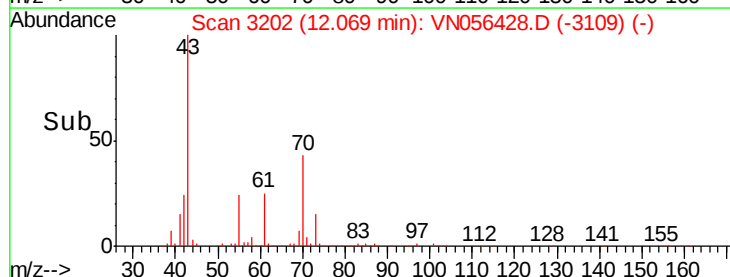
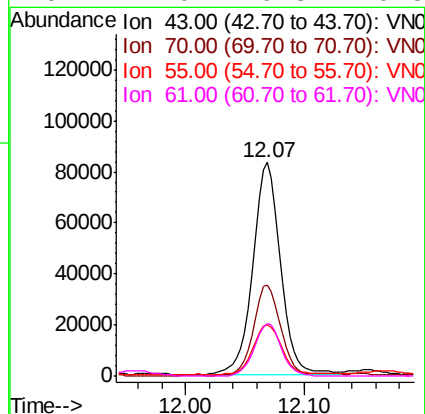
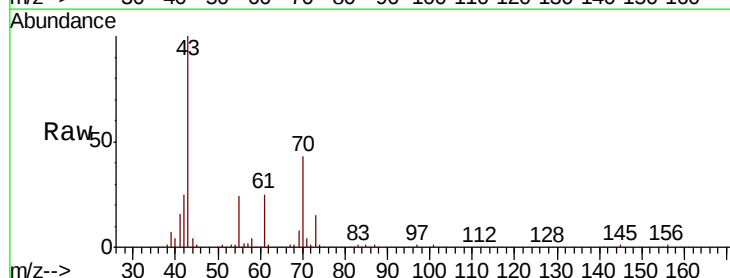
Ion Ratio Lower Upper

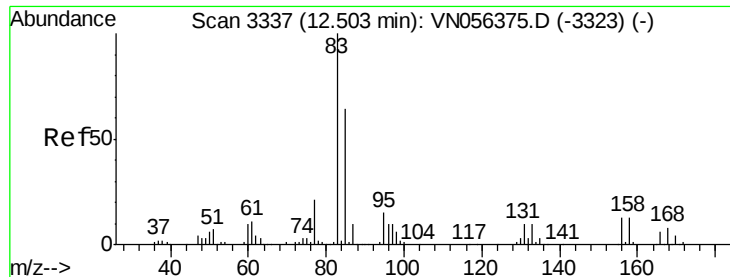
43 100

70 41.6 34.9 52.3

55 24.2 20.4 30.6

61 24.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.016 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

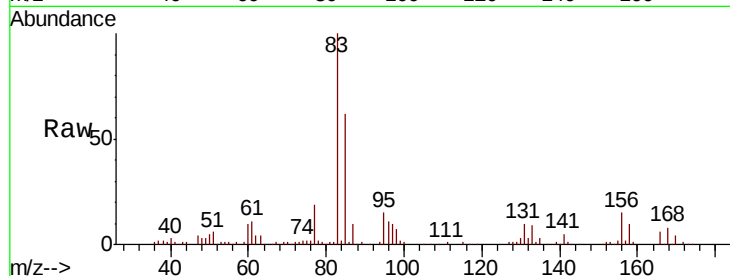
Tot Ion: 83 Resp: 108918

Ion Ratio Lower Upper

83 100

131 11.1 5.3 15.8

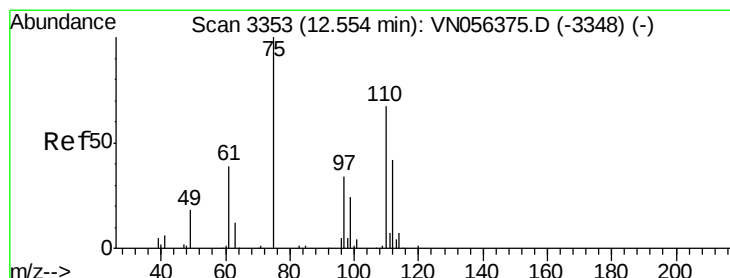
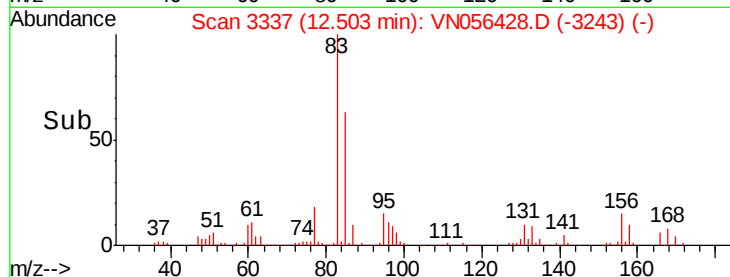
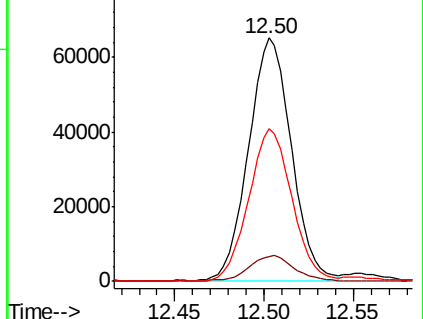
85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.000 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056428.D

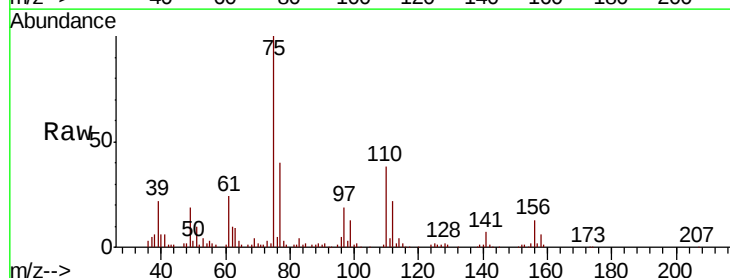
Acq: 21 Jun 2019 16:02

Tgt Ion: 75 Resp: 122755

Ion Ratio Lower Upper

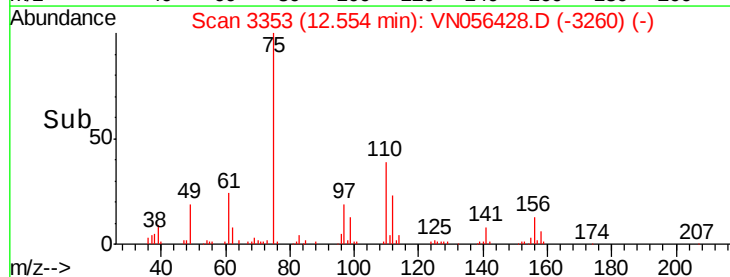
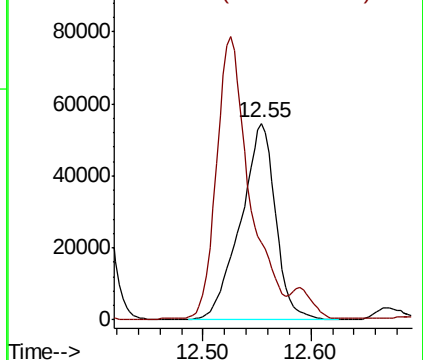
75 100

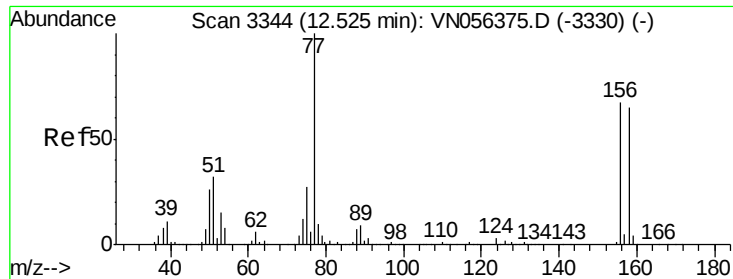
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 26.418 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

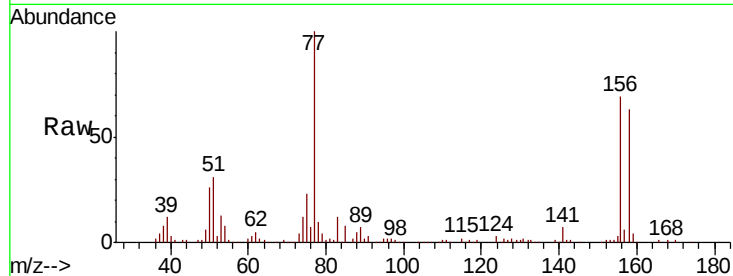
Tot Ion:156 Resp: 116566

Ion Ratio Lower Upper

156 100

77 142.1 92.5 277.3

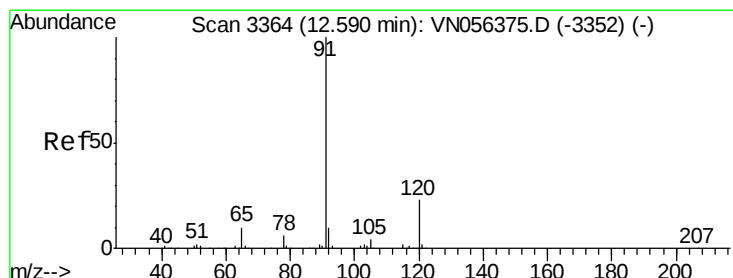
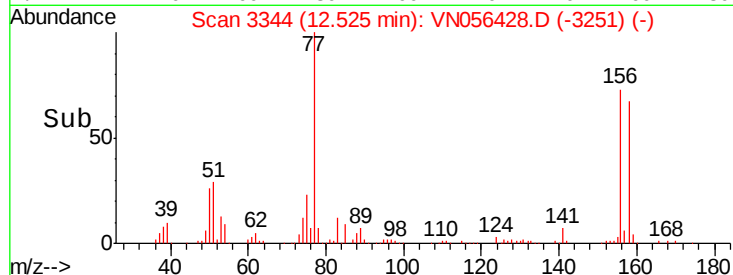
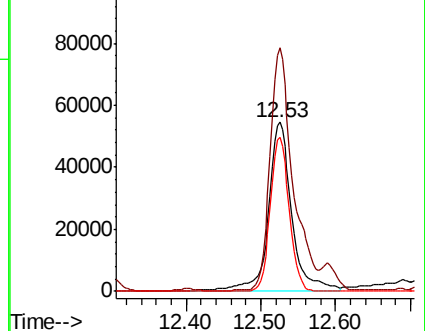
158 74.4 48.7 146.1



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: 20.256 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056428.D

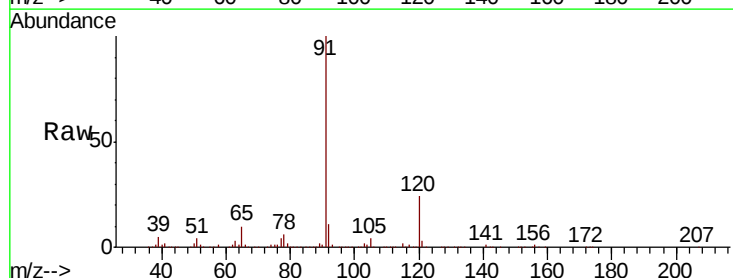
Acq: 21 Jun 2019 16:02

Tgt Ion: 91 Resp: 366056

Ion Ratio Lower Upper

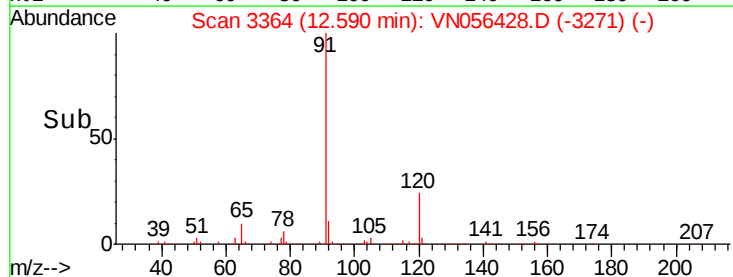
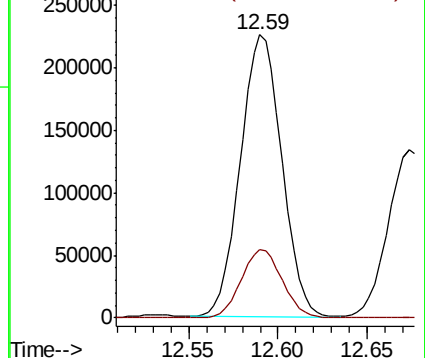
91 100

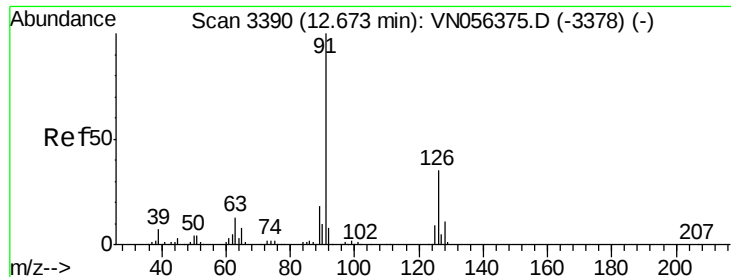
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

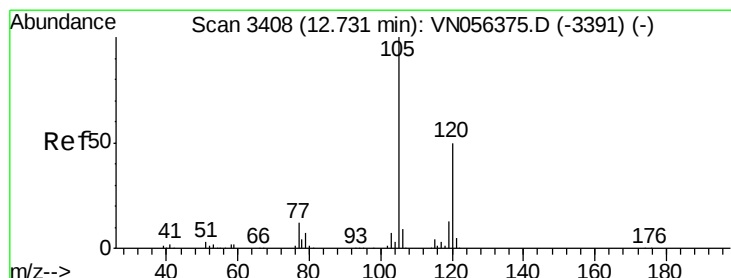
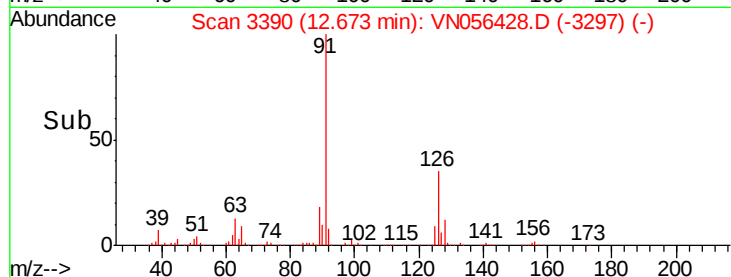
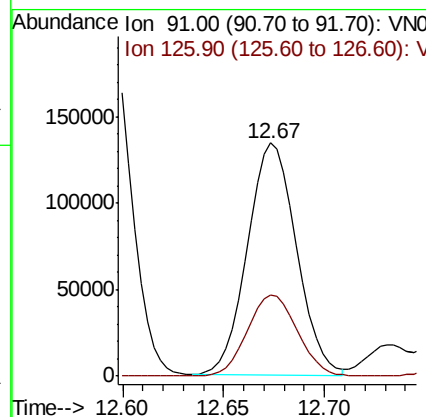
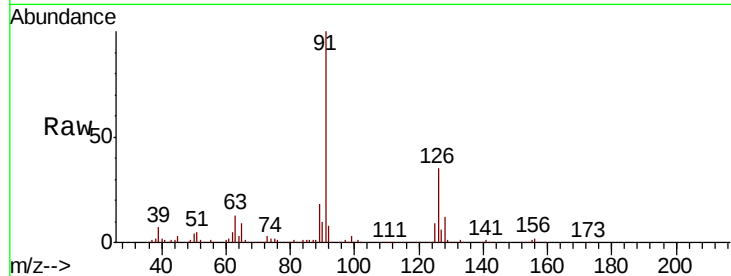




#79
2-Chlorotoluene
Concen: 21.595 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

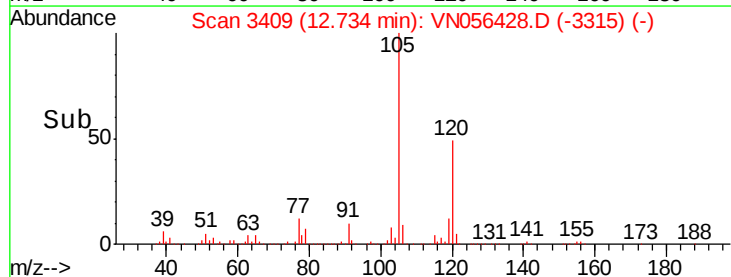
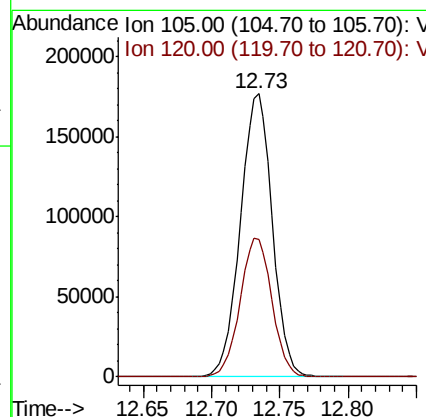
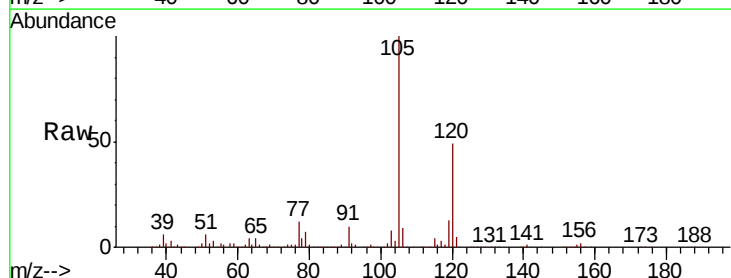
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

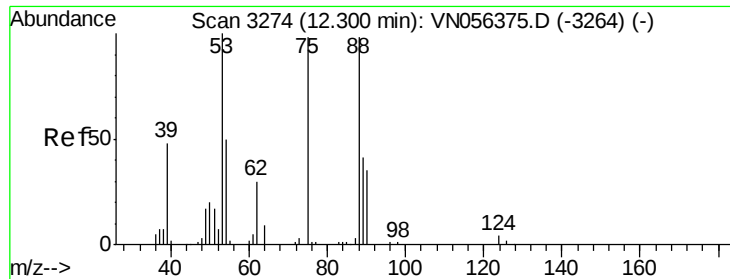
Tot Ion: 91 Resp: 228226
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 21.744 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 105 Resp: 285899
Ion Ratio Lower Upper
105 100
120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.300 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

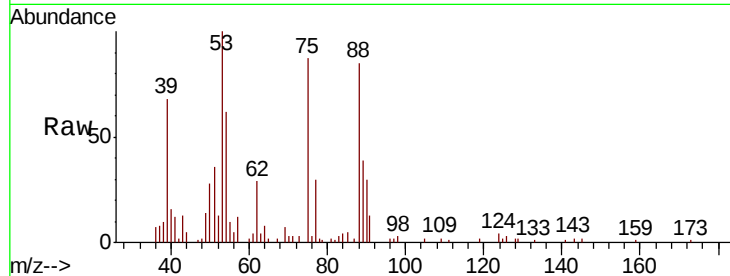
Tot Ion: 75 Resp: 21068

Ion Ratio Lower Upper

75 100

53 111.7 83.9 125.9

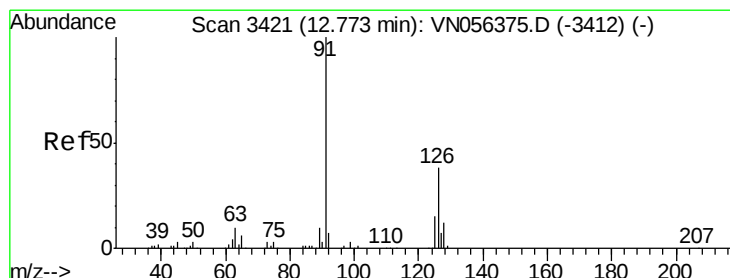
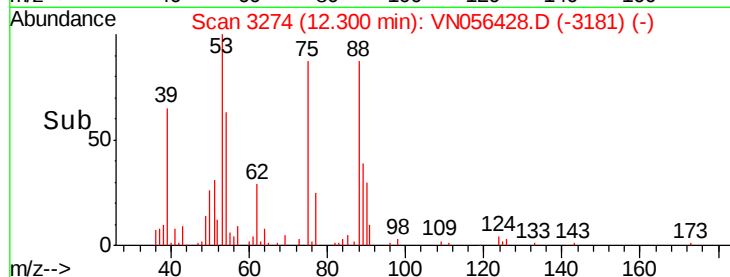
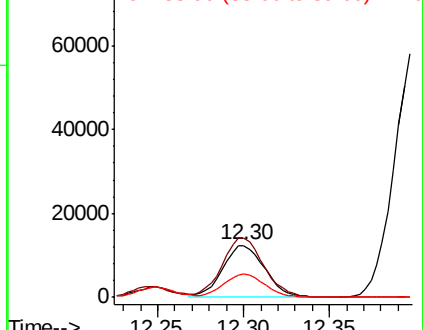
89 44.9 35.0 52.6



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: 19.841 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056428.D

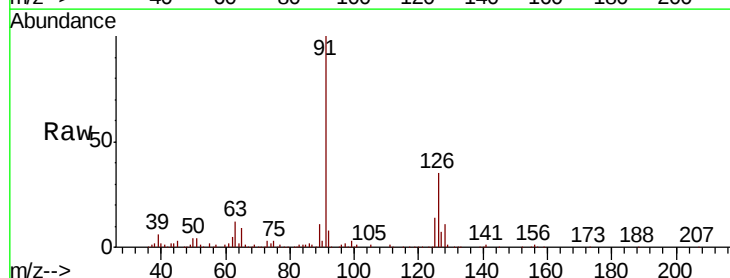
Acq: 21 Jun 2019 16:02

Tgt Ion: 91 Resp: 211708

Ion Ratio Lower Upper

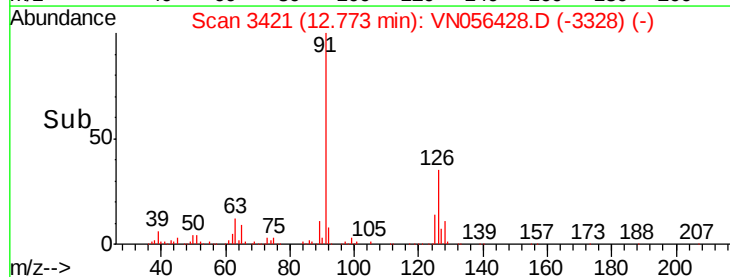
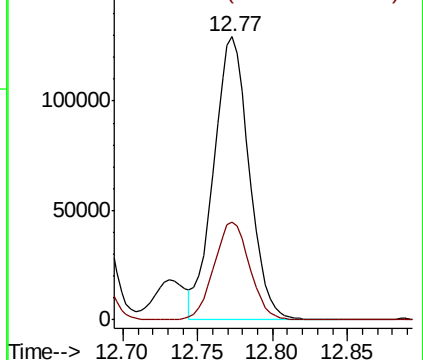
91 100

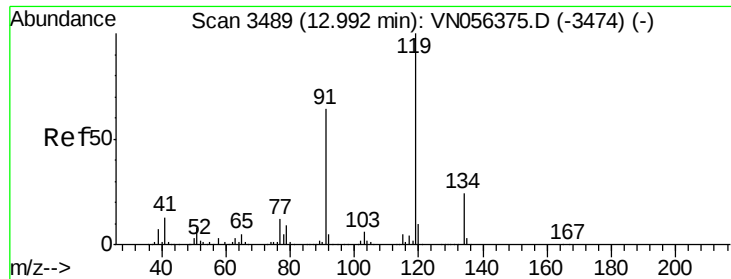
126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

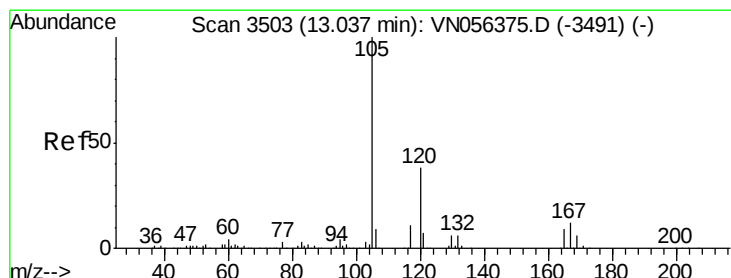
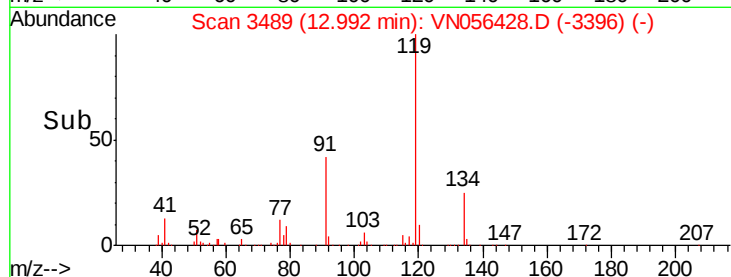
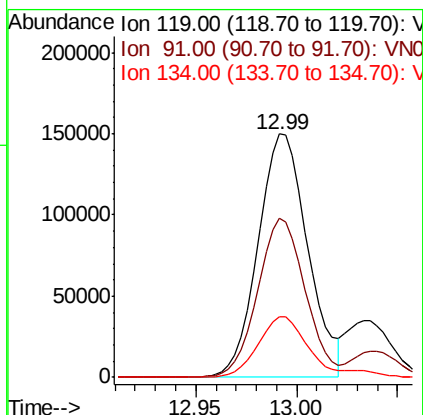
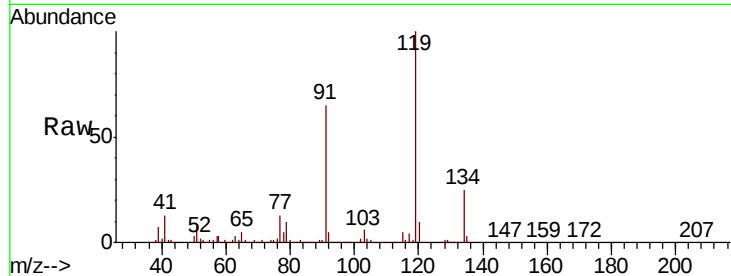




#83
tert-Butylbenzene
Concen: 22.241 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

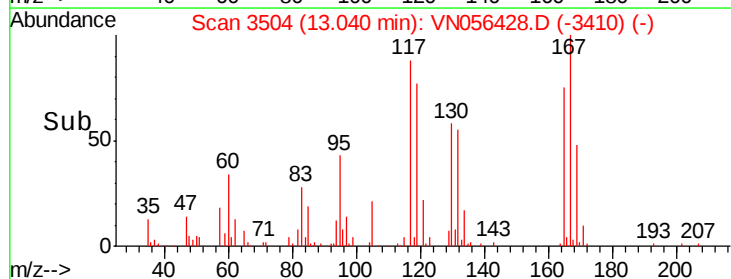
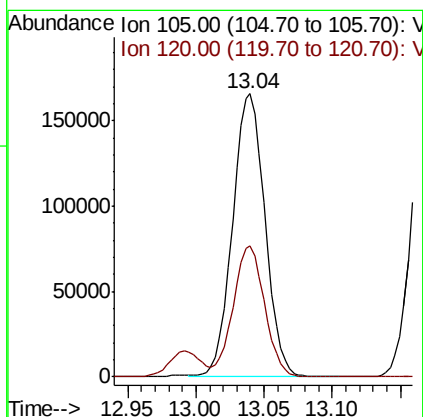
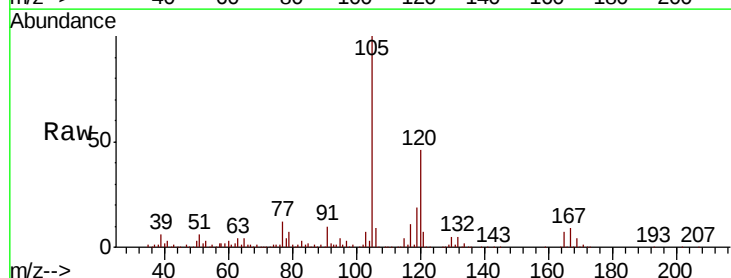
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

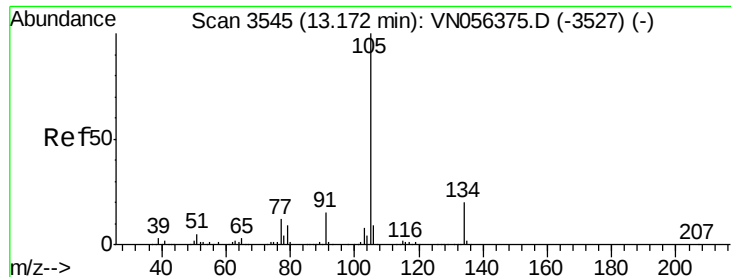
Tot Ion:119 Resp: 257262
Ion Ratio Lower Upper
119 100
91 62.1 31.6 94.7
134 26.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.496 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion:105 Resp: 272284
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.328 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

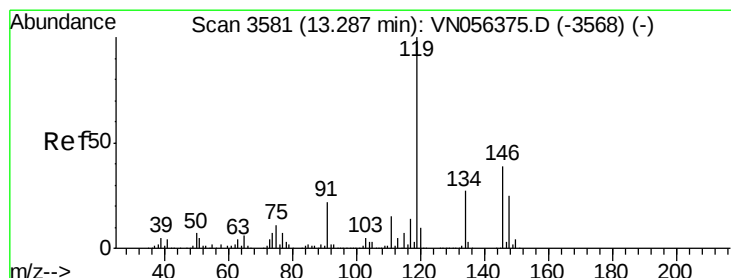
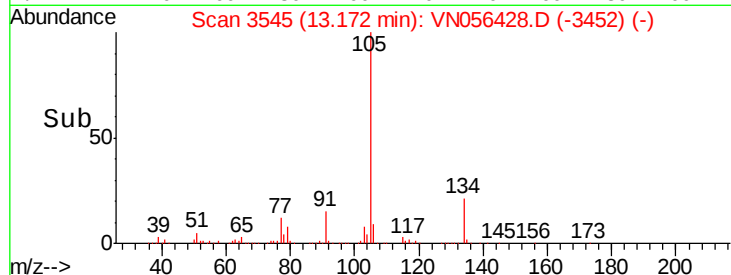
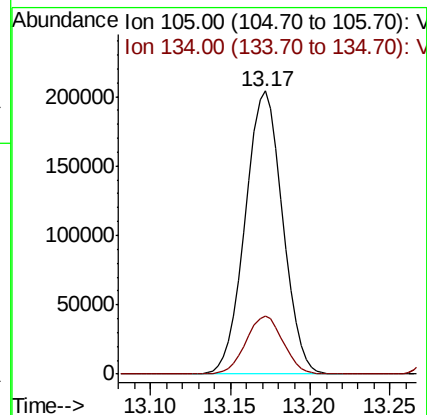
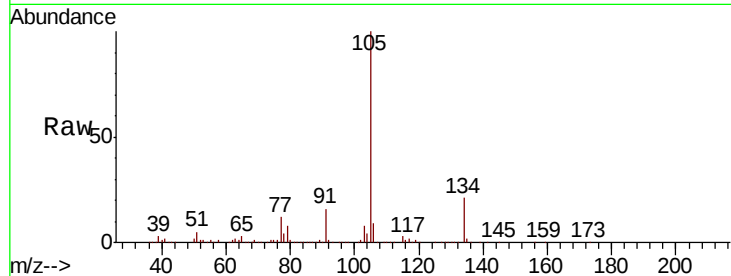
VN0621MBSD01

Tot Ion:105 Resp: 322873

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.407 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

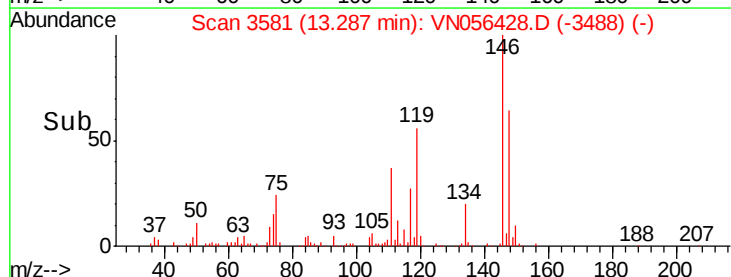
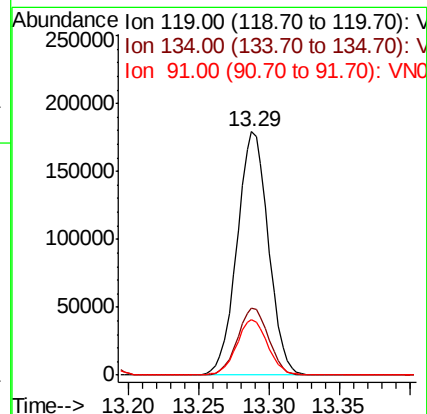
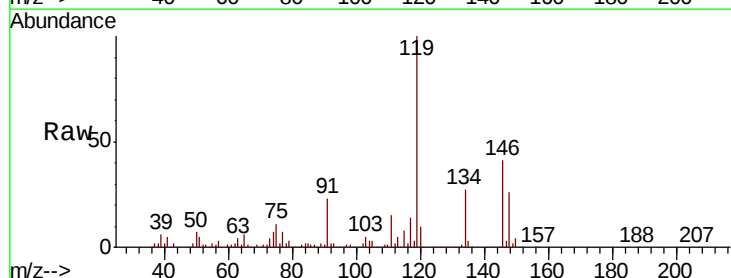
Tgt Ion:119 Resp: 278177

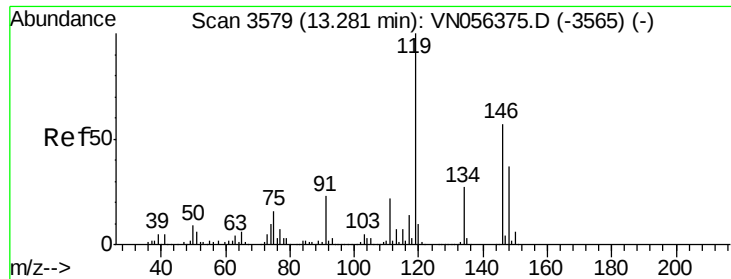
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.5 11.2 33.5

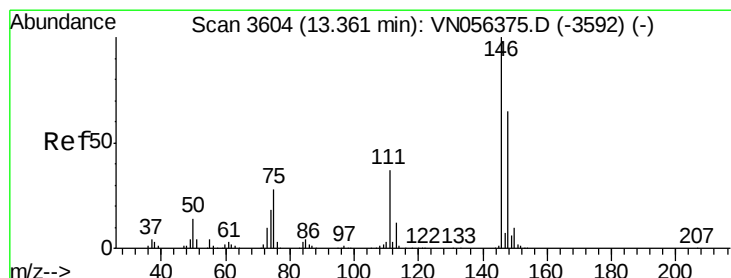
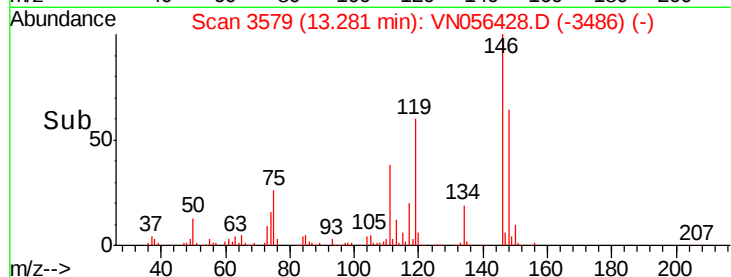
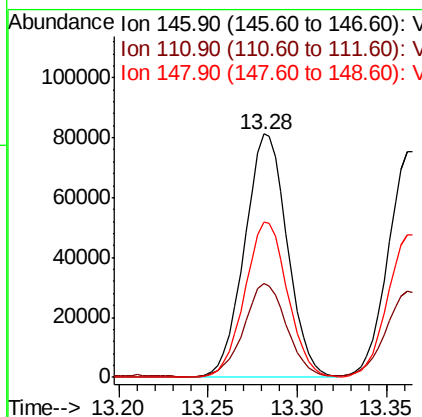
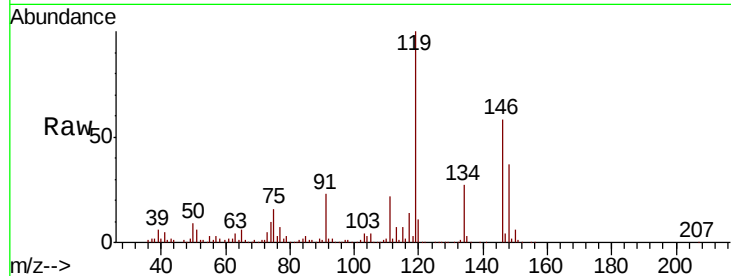




#87
 1,3-Dichlorobenzene
 Concen: 20.320 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

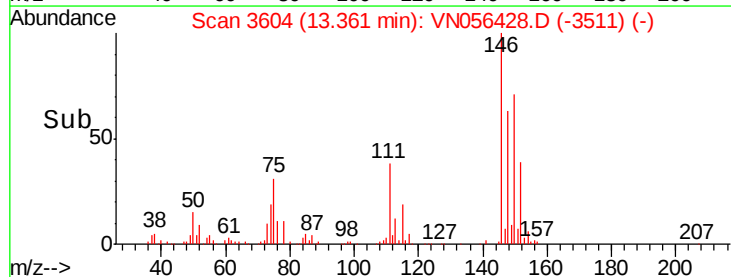
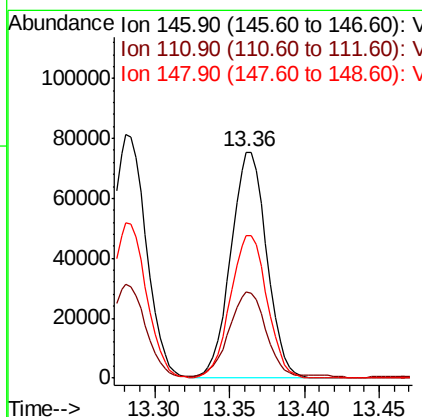
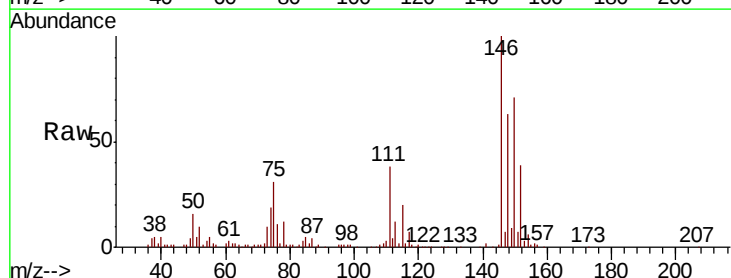
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBSD01

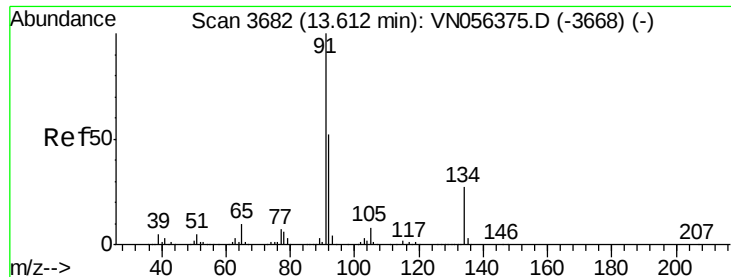
Tot Ion:146 Resp: 135878
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.506 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion:146 Resp: 126324
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.4
 148 64.4 32.4 97.0

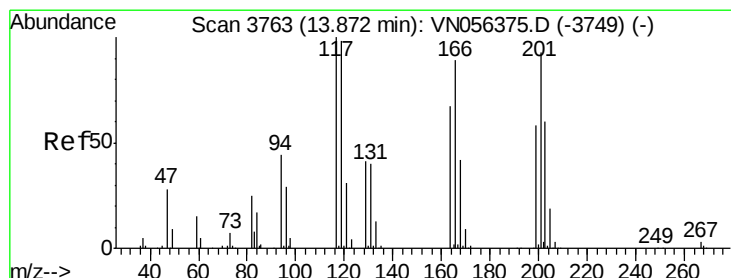
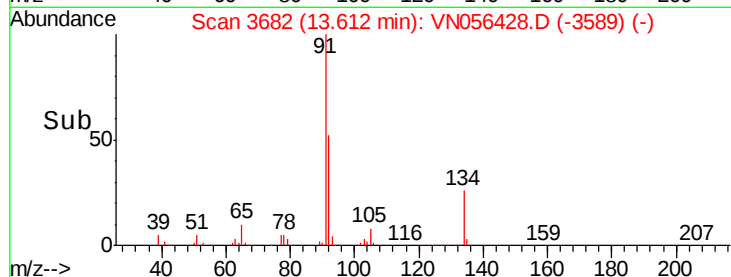
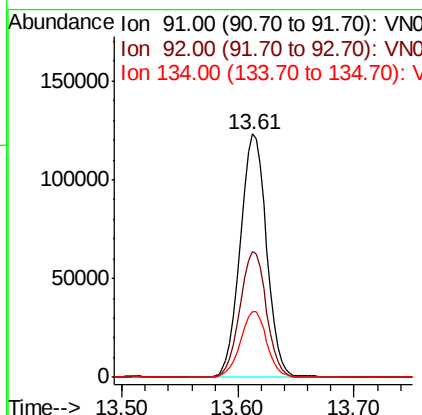
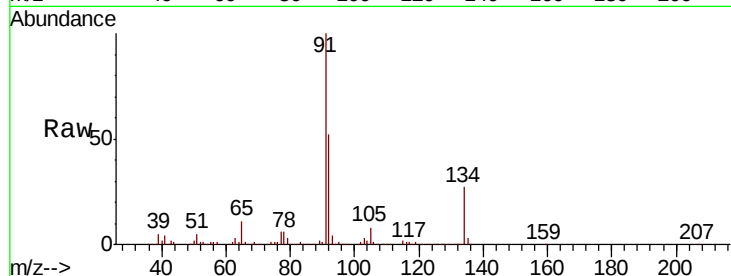




#89
n-Butylbenzene
Concen: 18.716 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

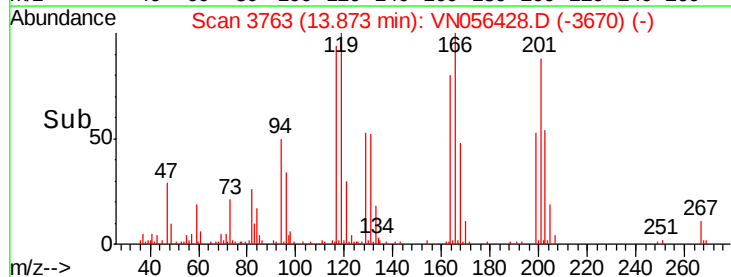
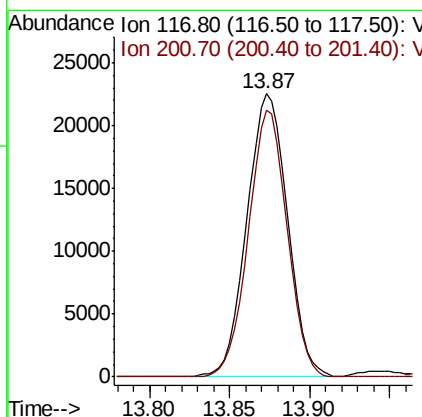
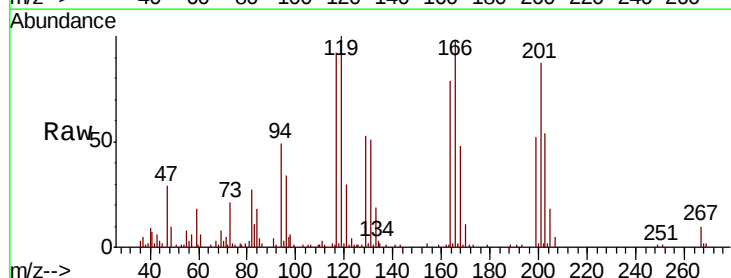
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBSD01

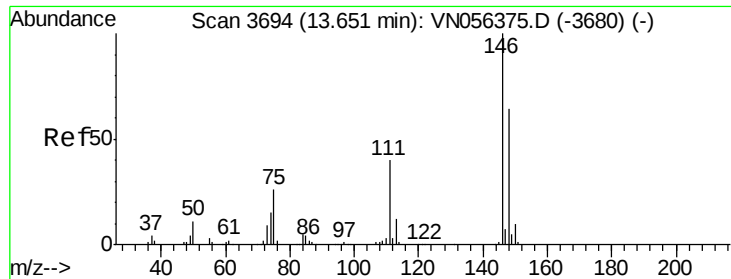
Tot Ion: 91 Resp: 193133
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.2 13.4 40.2



#90
Hexachloroethane
Concen: 18.451 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056428.D
Acq: 21 Jun 2019 16:02

Tgt Ion: 117 Resp: 39212
Ion Ratio Lower Upper
117 100
201 89.5 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 20.660 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

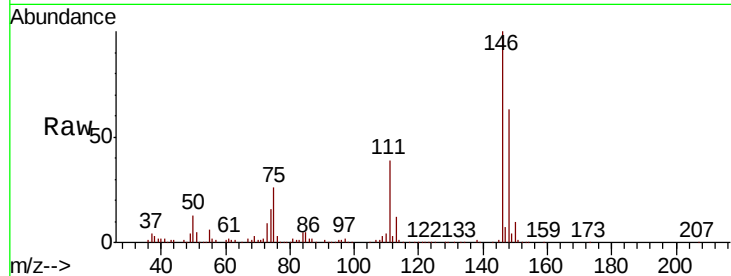
Tot Ion:146 Resp: 137063

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

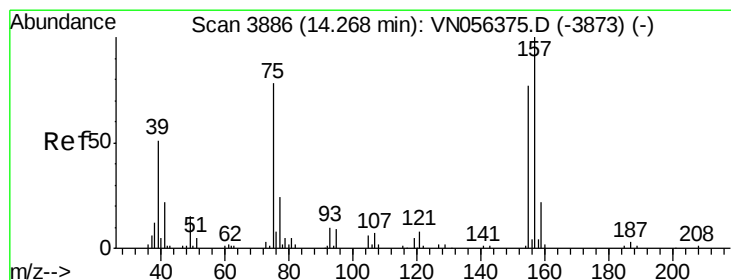
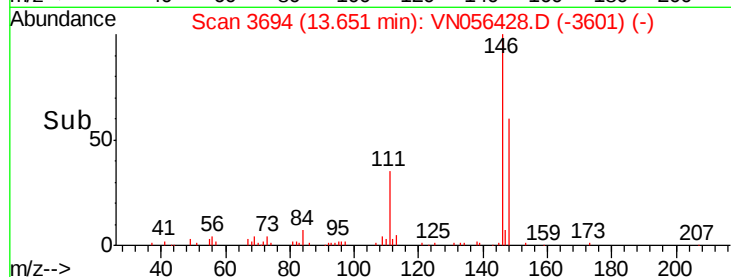
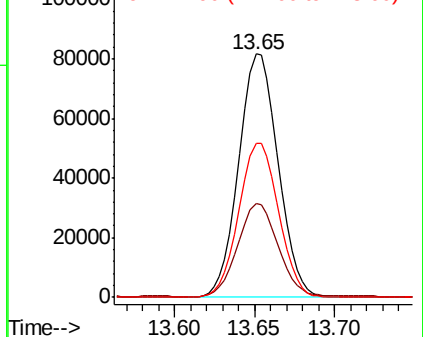
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.439 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

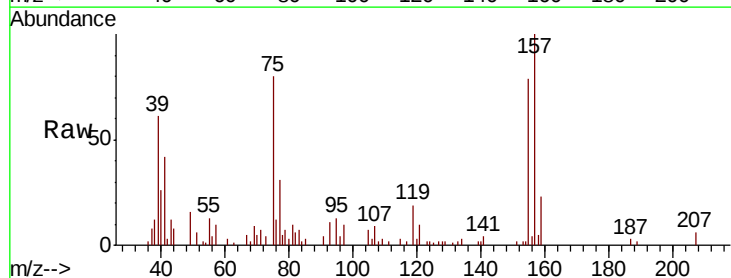
Tgt Ion: 75 Resp: 14194

Ion Ratio Lower Upper

75 100

155 101.0 48.9 146.8

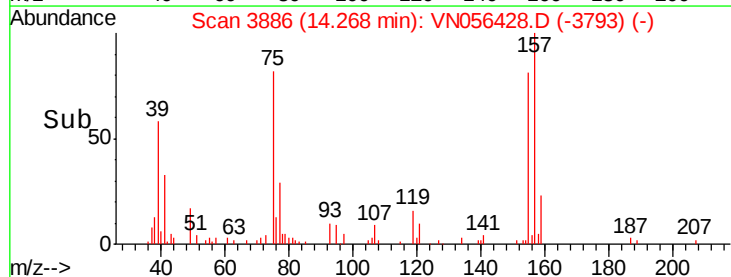
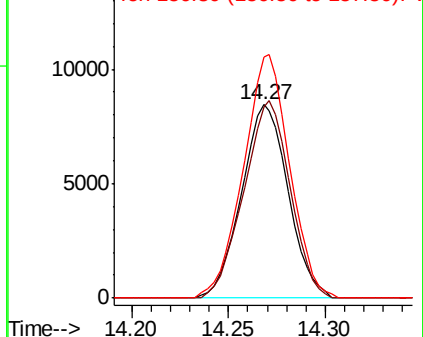
157 124.6 62.9 188.8

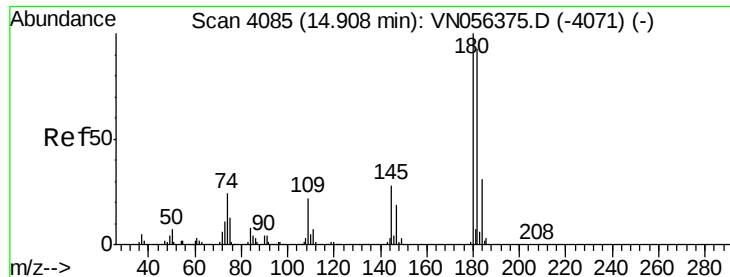


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

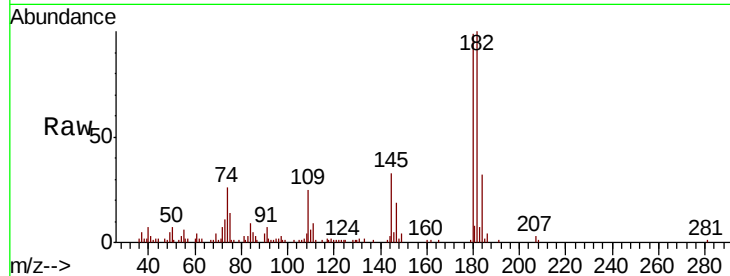




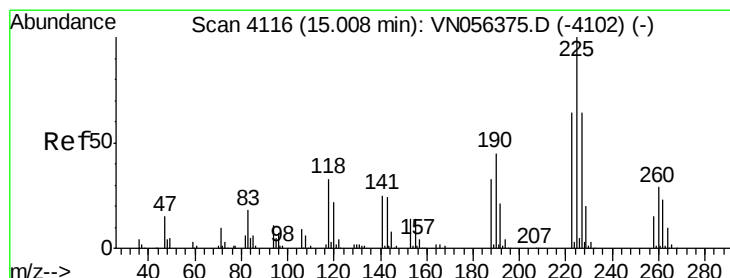
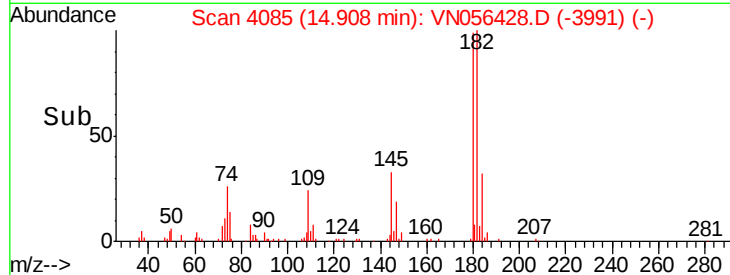
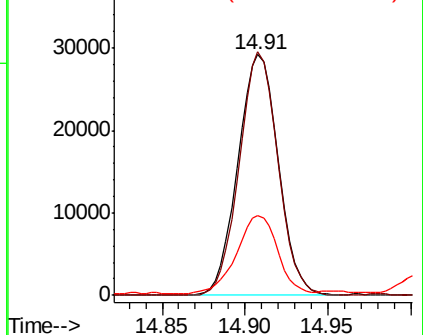
#93
 1,2,4-Trichlorobenzene
 Concen: 18.346 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Tot Ion:180 Resp: 49551
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.9 140.6
 145 32.9 14.4 43.0

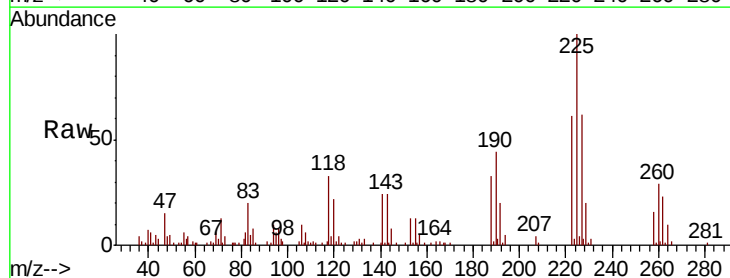


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

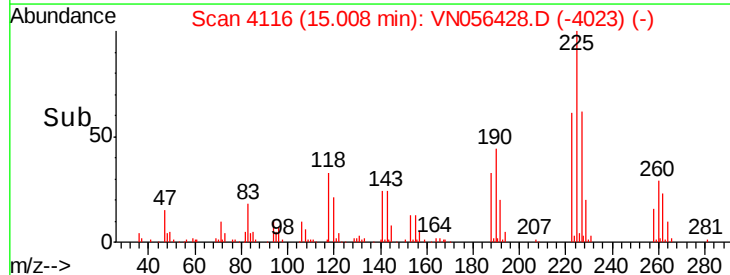
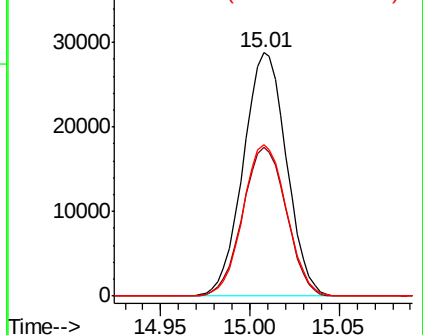


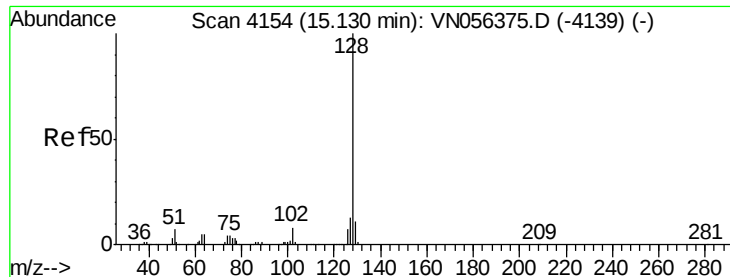
#94
 Hexachlorobutadiene
 Concen: 20.552 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056428.D
 Acq: 21 Jun 2019 16:02

Tgt Ion:225 Resp: 48693
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.3
 227 62.8 32.1 96.3



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





#95

Naphthalene

Concen: 20.199 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBSD01

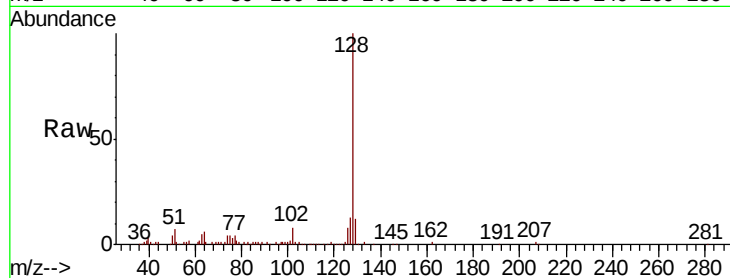
Tot Ion:128 Resp: 150856

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

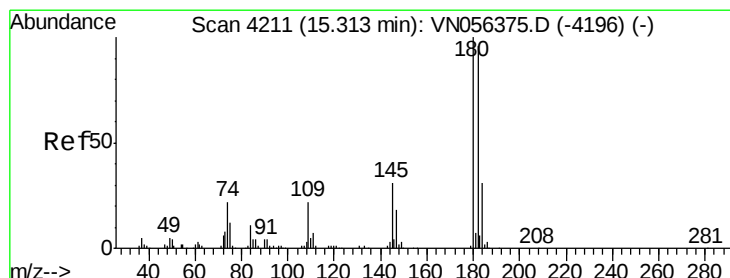
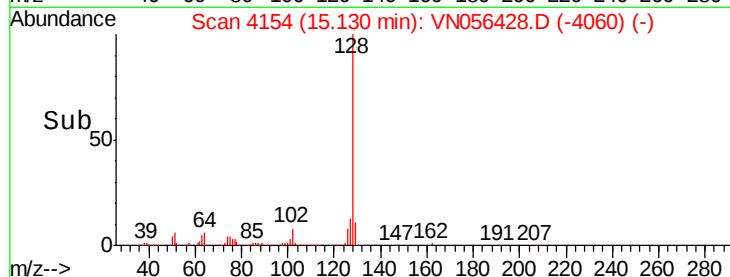
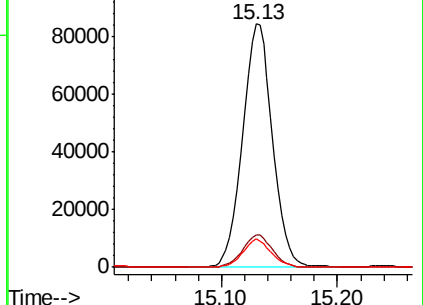
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.792 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056428.D

Acq: 21 Jun 2019 16:02

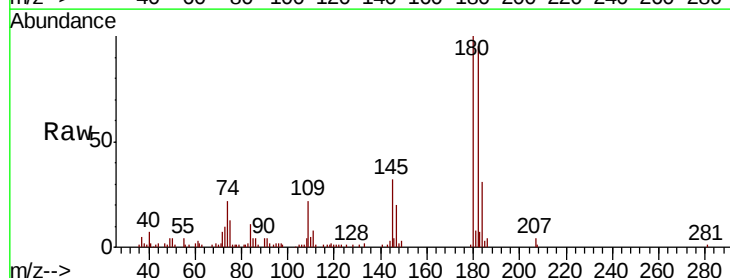
Tgt Ion:180 Resp: 60204

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 37.3 15.4 46.1



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

