

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059328.D
 Acq On : 21 Nov 2019 12:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 05:58:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	578372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	241367	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.57	113	196069	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.08	98	773292	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	275256	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	234481	44.163	ug/l 98
3) Chloromethane	2.04	50	277052	42.594	ug/l 99
4) Vinyl Chloride	2.17	62	299225	44.682	ug/l 100
5) Bromomethane	2.55	94	162877	43.808	ug/l 98
6) Chloroethane	2.69	64	152361	41.687	ug/l 98
7) Trichlorofluoromethane	3.00	101	299779	41.570	ug/l 100
8) Diethyl Ether	3.39	74	133121	45.153	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	194021	43.999	ug/l 100
10) Methyl Iodide	3.93	142	254809	46.495	ug/l 100
11) Tert butyl alcohol	4.75	59	206781	207.553	ug/l 99
12) 1,1-Dichloroethene	3.71	96	195408	43.656	ug/l 98
13) Acrolein	3.58	56	192212	211.350	ug/l 100
14) Allyl chloride	4.29	41	365433	43.702	ug/l 99
15) Acrylonitrile	4.95	53	565774	214.782	ug/l 99
16) Acetone	3.79	43	578998	259.503	ug/l 100
17) Carbon Disulfide	4.03	76	615897	43.921	ug/l 99
18) Methyl Acetate	4.29	43	315563	42.617	ug/l 99
19) Methyl tert-butyl Ether	5.01	73	651990	45.098	ug/l 99
20) Methylene Chloride	4.52	84	215662	42.857	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	210846	44.446	ug/l 99
22) Diisopropyl ether	5.92	45	697975	44.333	ug/l 98
23) Vinyl Acetate	5.86	43	2801160	226.255	ug/l 100
24) 1,1-Dichloroethane	5.82	63	397022	44.802	ug/l 99
25) 2-Butanone	6.81	43	786221	226.611	ug/l 99
26) 2,2-Dichloropropane	6.80	77	332928	43.388	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	237485	44.371	ug/l 98
28) Bromochloromethane	7.17	49	159827	44.546	ug/l 98
29) Tetrahydrofuran	7.18	42	501258	208.943	ug/l 99
30) Chloroform	7.35	83	379357	44.099	ug/l 99
31) Cyclohexane	7.63	56	374734	42.768	ug/l 99
32) 1,1,1-Trichloroethane	7.54	97	321300	43.485	ug/l 99
36) 1,1-Dichloropropene	7.77	75	303038	45.220	ug/l 100
37) Ethyl Acetate	6.90	43	308447	42.827	ug/l 99
38) Carbon Tetrachloride	7.75	117	284086	44.282	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	369461	45.720	ug/l	98
40) Benzene	8.02	78	887777	45.137	ug/l	100
41) Methacrylonitrile	7.18	41	436632	136.566	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	292218	44.923	ug/l	100
43) Isopropyl Acetate	8.14	43	485715	44.128	ug/l	99
44) Trichloroethene	8.82	130	225302	45.198	ug/l	99
45) 1,2-Dichloropropane	9.10	63	237503	45.284	ug/l	99
46) Dibromomethane	9.19	93	145682	45.285	ug/l	99
47) Bromodichloromethane	9.39	83	296157	45.967	ug/l	98
48) Methyl methacrylate	9.18	41	219743	43.902	ug/l	98
49) 1,4-Dioxane	9.19	88	72701	966.425	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	1467093	227.717	ug/l	99
52) Toluene	10.15	92	537232	45.426	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	340393	45.449	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	377080	46.398	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	208490	45.341	ug/l	99
56) Ethyl methacrylate	10.42	69	326108	42.343	ug/l	99
57) 1,3-Dichloropropane	10.70	76	361770	45.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	530592	191.959	ug/l	99
59) 2-Hexanone	10.74	43	1104471	234.119	ug/l	99
60) Dibromochloromethane	10.90	129	224855	46.405	ug/l	100
61) 1,2-Dibromoethane	11.00	107	214595	44.852	ug/l	99
64) Tetrachloroethene	10.63	164	195371	43.676	ug/l	98
65) Chlorobenzene	11.43	112	556530	44.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	206176	45.635	ug/l	99
67) Ethyl Benzene	11.51	91	1018697	45.877	ug/l	100
68) m/p-Xylenes	11.62	106	759092	92.001	ug/l	100
69) o-Xylene	11.95	106	360251	45.607	ug/l	99
70) Styrene	11.96	104	587437	47.131	ug/l	100
71) Bromoform	12.13	173	160092	46.789	ug/l #	98
73) Isopropylbenzene	12.25	105	976012	44.200	ug/l	100
74) N-amyl acetate	12.07	43	385653	43.457	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	304914	41.743	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	409393	65.740	ug/l #	100
77) Bromobenzene	12.53	156	231238	43.174	ug/l	99
78) n-propylbenzene	12.59	91	1126998	45.056	ug/l	99
79) 2-Chlorotoluene	12.67	91	665704	43.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	823587	44.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	111334	44.716	ug/l	97
82) 4-Chlorotoluene	12.77	91	686449	43.206	ug/l	99
83) tert-Butylbenzene	12.99	119	700763	44.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	818431	45.009	ug/l	100
85) sec-Butylbenzene	13.17	105	942572	44.732	ug/l	100
86) p-Isopropyltoluene	13.29	119	855660	45.634	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	413775	43.381	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	407975	43.231	ug/l	99
89) n-Butylbenzene	13.62	91	753405	45.804	ug/l	99
90) Hexachloroethane	13.88	117	152000	42.804	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	400084	43.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62285	40.106	ug/l	98

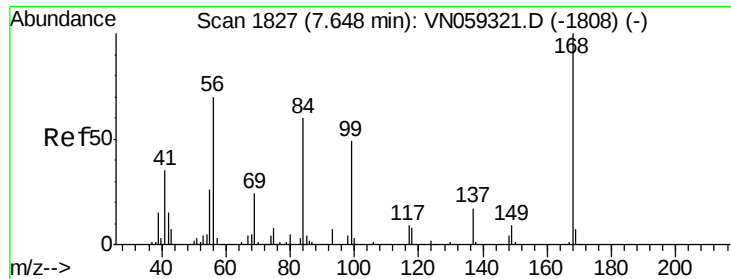
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245407	43.182	ug/l	99
94) Hexachlorobutadiene	15.01	225	139441	41.940	ug/l	99
95) Naphthalene	15.13	128	662116	42.190	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	247340	44.137	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

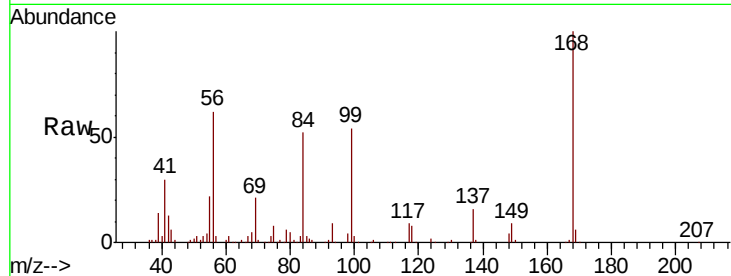
ClientSampled :

Tot Ion:168 Resp: 414730

Ion Ratio Lower Upper

168 100

99 54.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

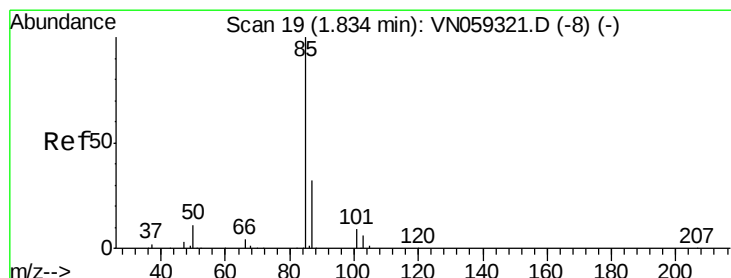
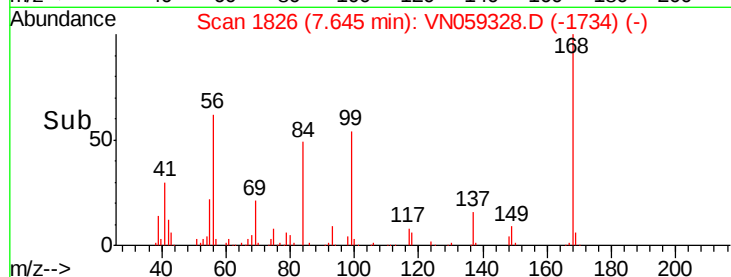
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.163 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN059328.D

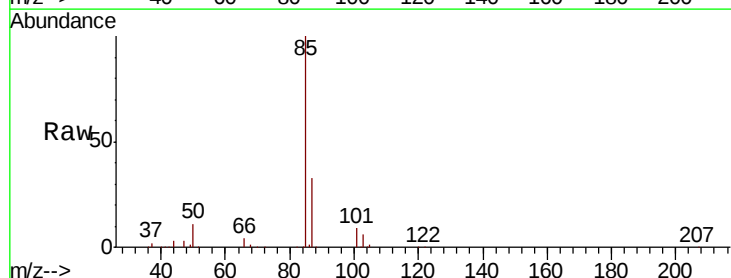
Acq: 21 Nov 2019 12:03

Tgt Ion: 85 Resp: 234481

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

150000

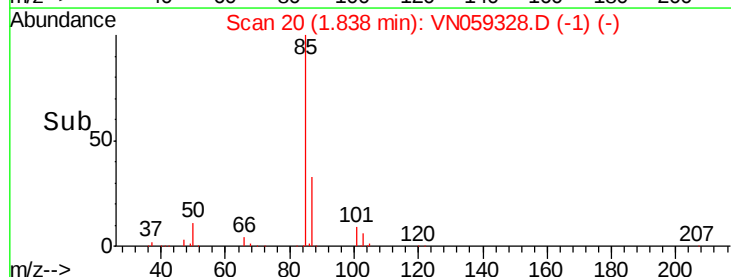
100000

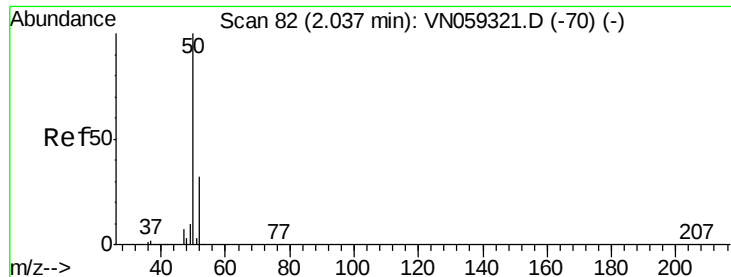
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 42.594 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

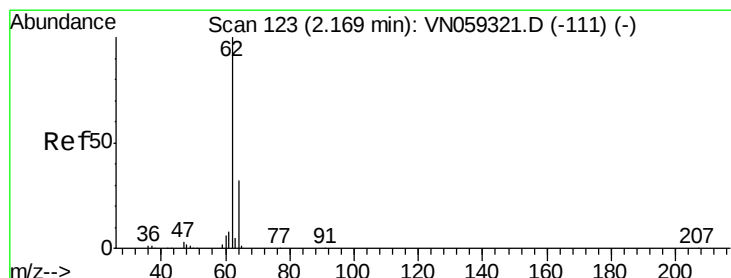
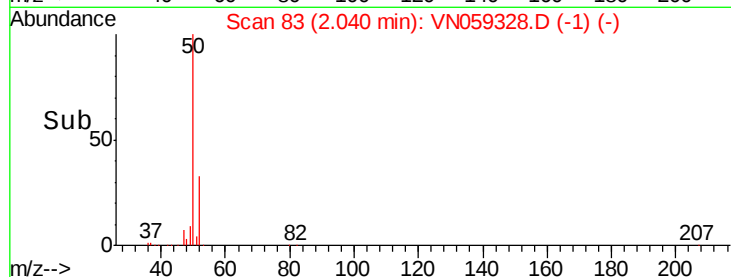
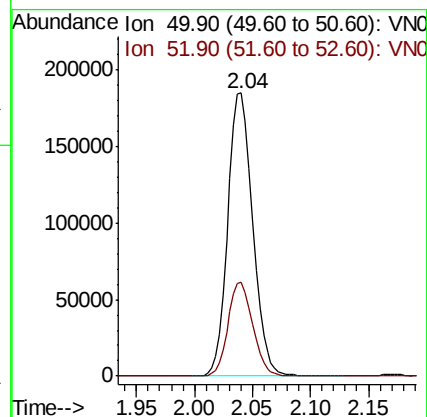
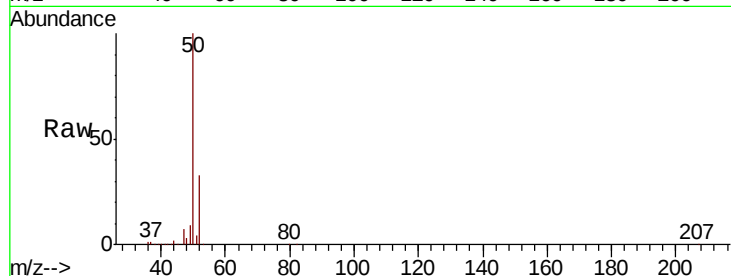
ClientSampled :

Tot Ion: 50 Resp: 277052

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 44.682 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059328.D

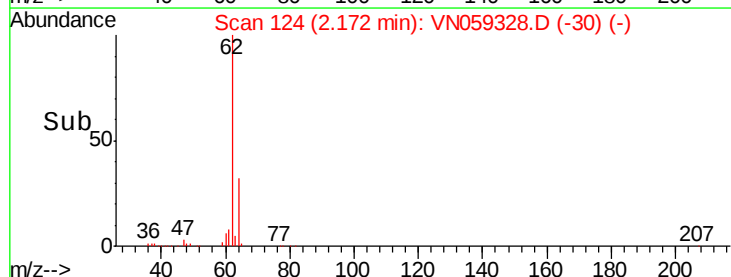
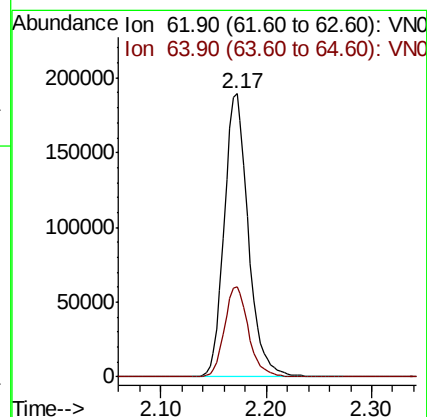
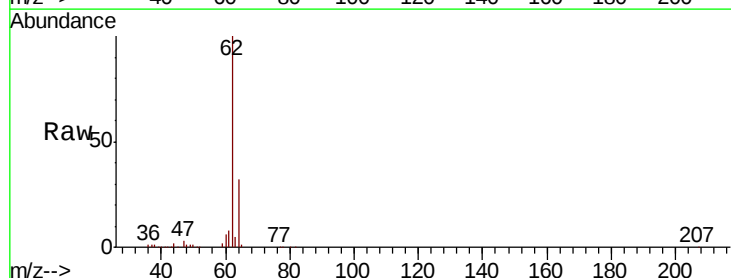
Acq: 21 Nov 2019 12:03

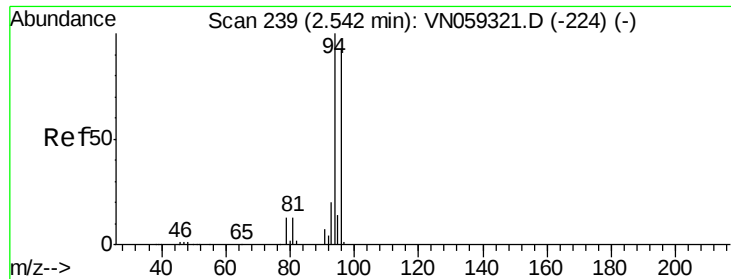
Tgt Ion: 62 Resp: 299225

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 43.808 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

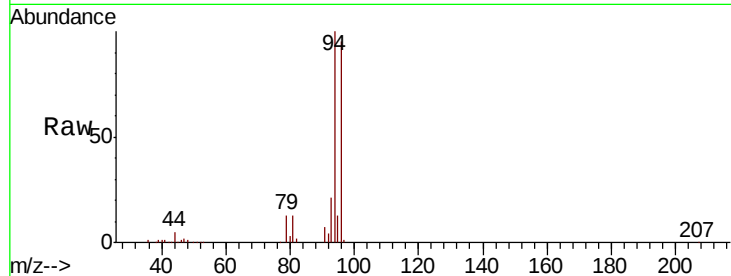
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 162877

Ion Ratio Lower Upper

94 100

96 94.7 74.5 111.7

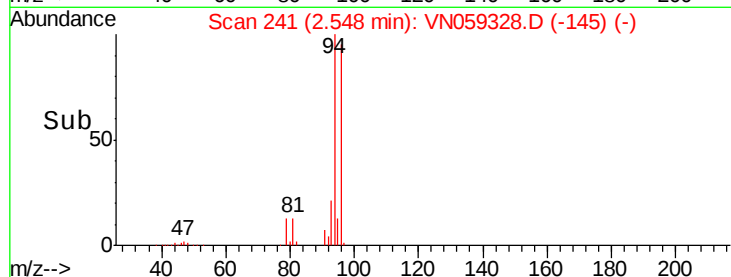


Abundance Ion 93.90 (93.60 to 94.60): VN059321.D (-224) (-)

Ion 95.90 (95.60 to 96.60): VN059321.D (-224) (-)

2.55

Time-->



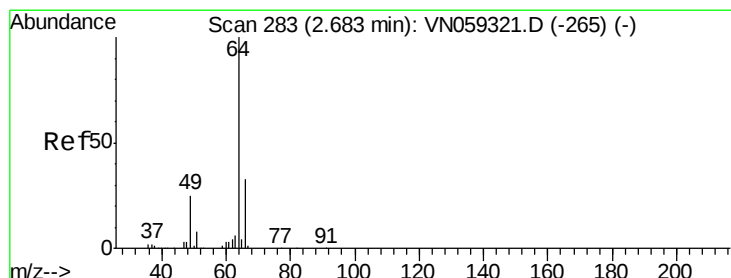
Abundance

Ion 93.90 (93.60 to 94.60): VN059328.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059328.D (-145) (-)

2.55

Time-->



#6

Chloroethane

Concen: 41.687 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059328.D

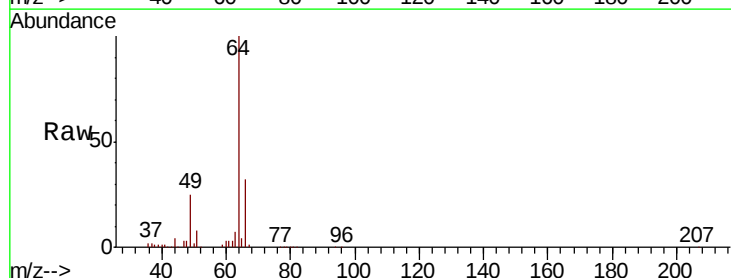
Acq: 21 Nov 2019 12:03

Tgt Ion: 64 Resp: 152361

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2

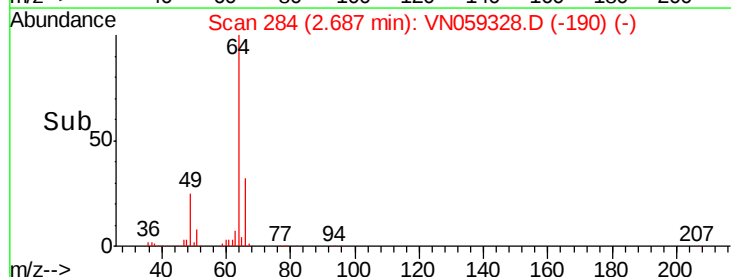


Abundance Ion 63.90 (63.60 to 64.60): VN059321.D (-265) (-)

Ion 65.90 (65.60 to 66.60): VN059321.D (-265) (-)

2.69

Time-->



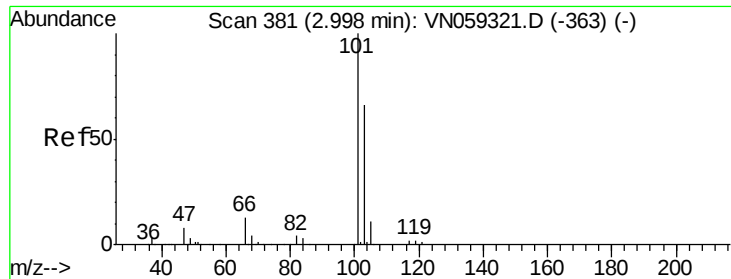
Abundance

Ion 63.90 (63.60 to 64.60): VN059328.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN059328.D (-190) (-)

2.69

Time-->

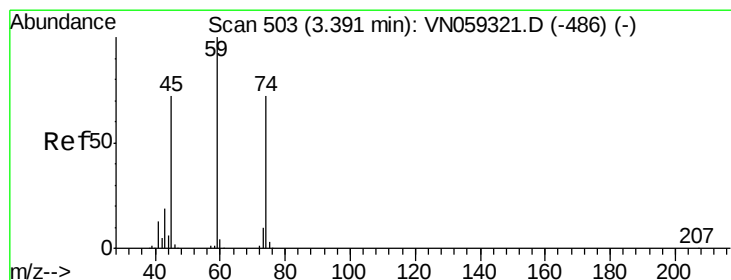
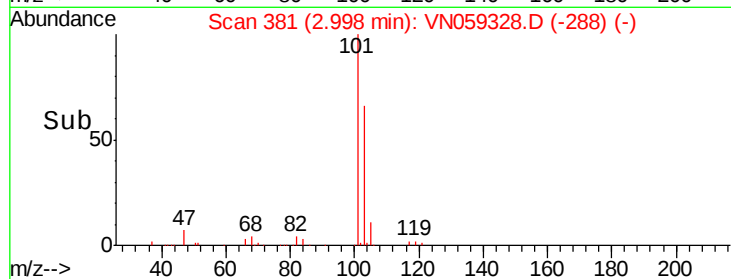
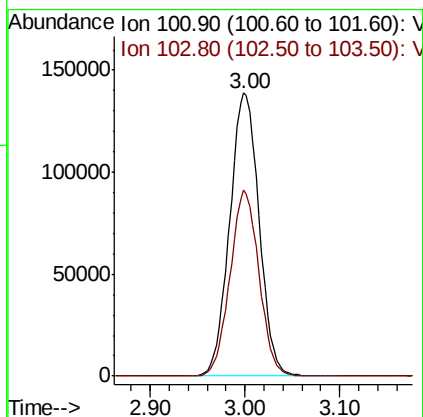
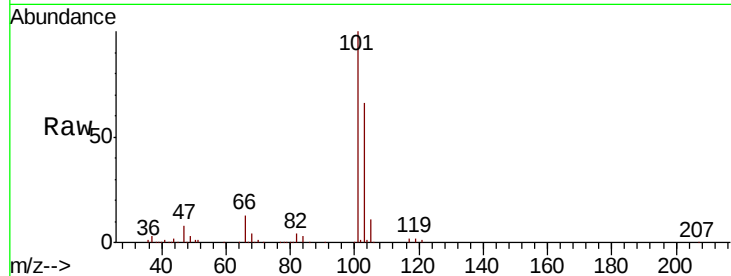


#7

Trichlorofluoromethane
 Concen: 41.570 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Instrument :
 MSVOA_N
 ClientSampled :

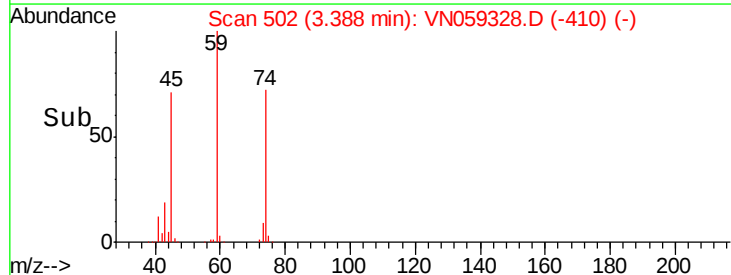
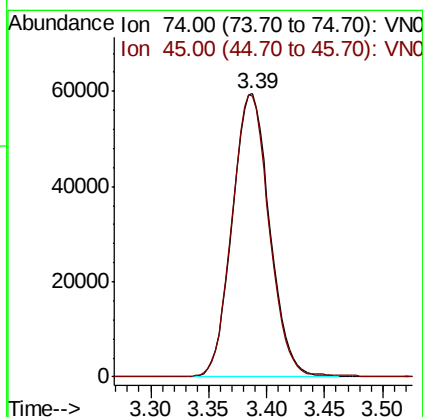
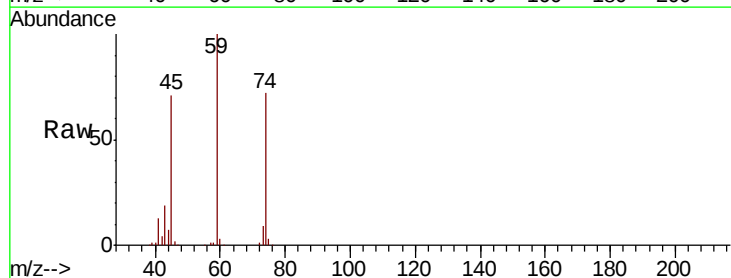
Tot Ion:101 Resp: 299779
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.5 78.7

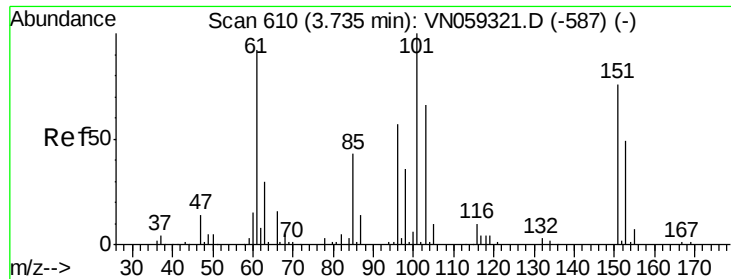


#8

Diethyl Ether
 Concen: 45.153 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion: 74 Resp: 133121
 Ion Ratio Lower Upper
 74 100
 45 98.9 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.999 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

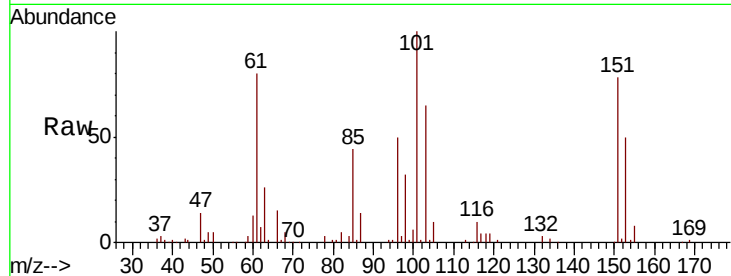
Tot Ion:101 Resp: 194021

Ion Ratio Lower Upper

101 100

85 43.2 34.8 52.2

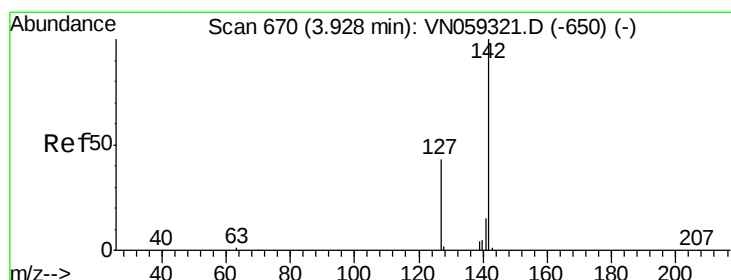
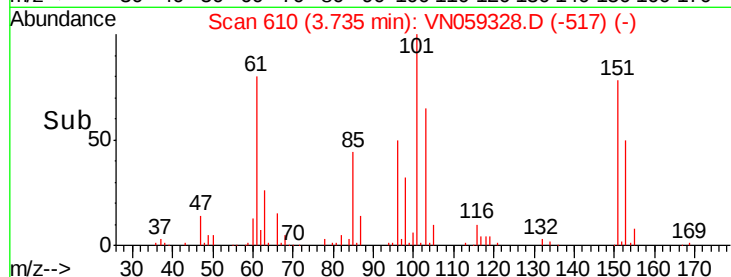
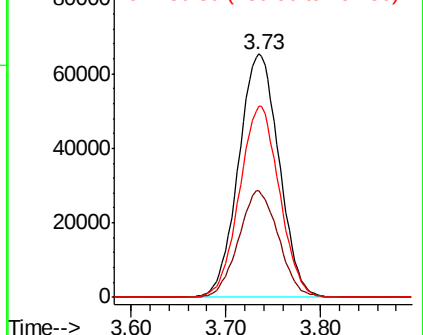
151 77.6 62.2 93.4



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: 46.495 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

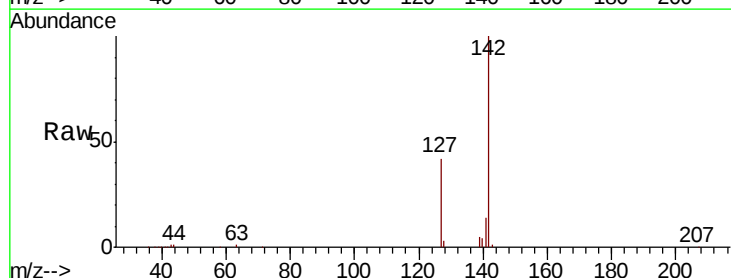
Tgt Ion:142 Resp: 254809

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.6

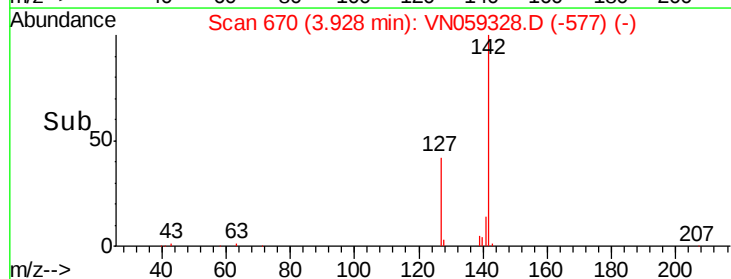
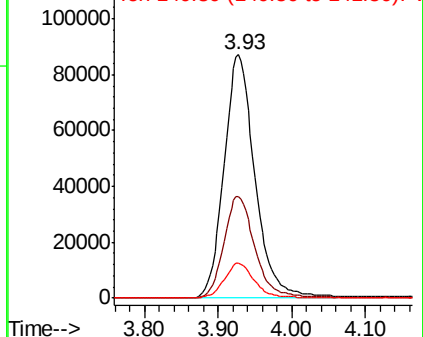
141 14.0 11.2 16.8

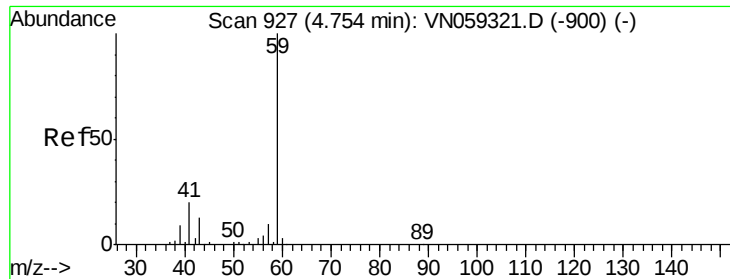


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

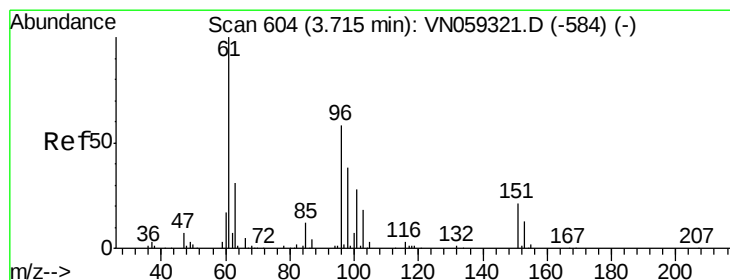
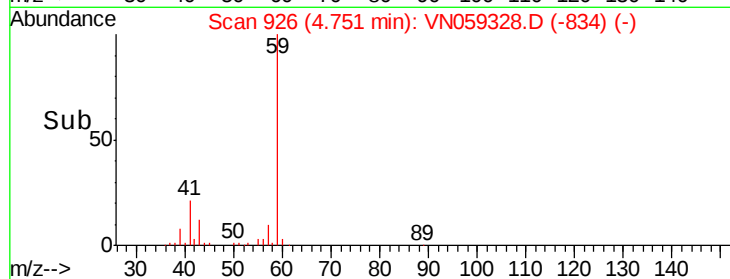
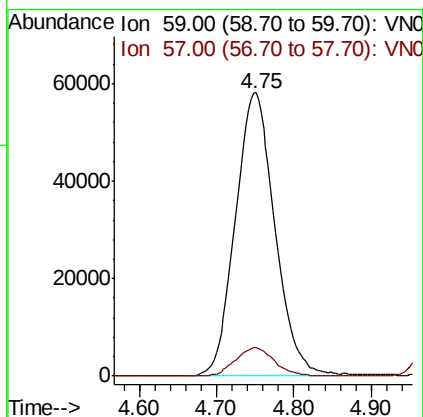
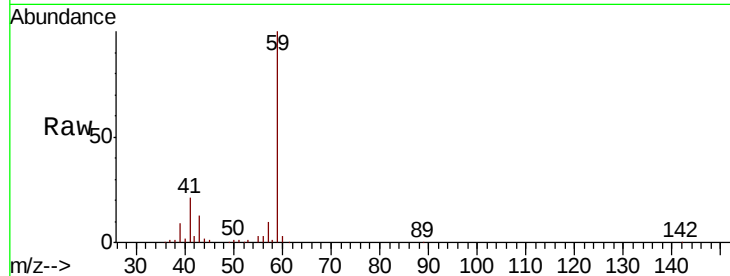




#11
Tert butyl alcohol
Concen: 207.553 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

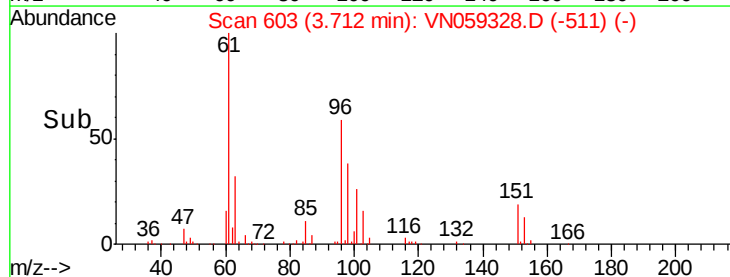
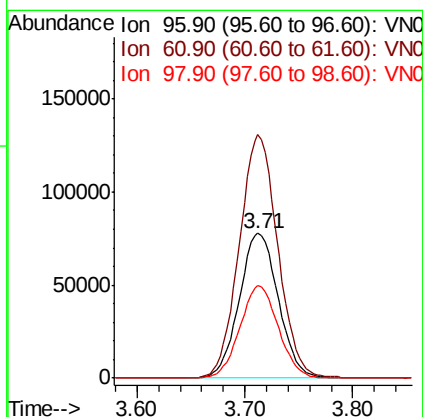
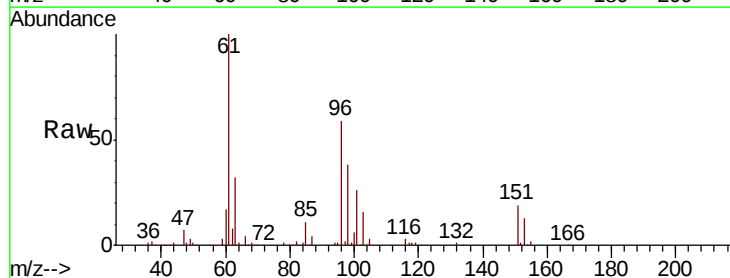
Instrument :
MSVOA_N
ClientSampleId :

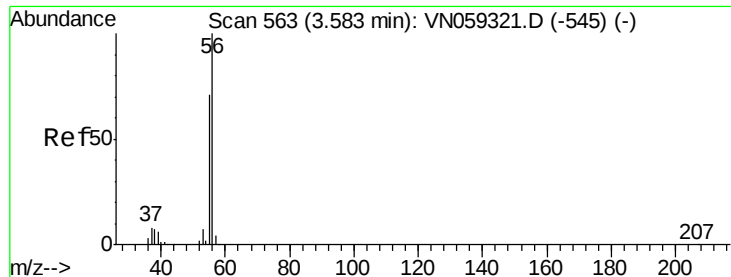
Tot Ion: 59 Resp: 206781
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 43.656 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 96 Resp: 195408
Ion Ratio Lower Upper
96 100
61 168.1 136.8 205.2
98 63.9 51.6 77.4





#13

Acrolein

Concen: 211.350 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

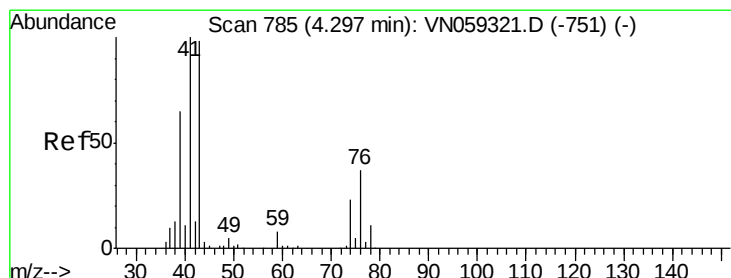
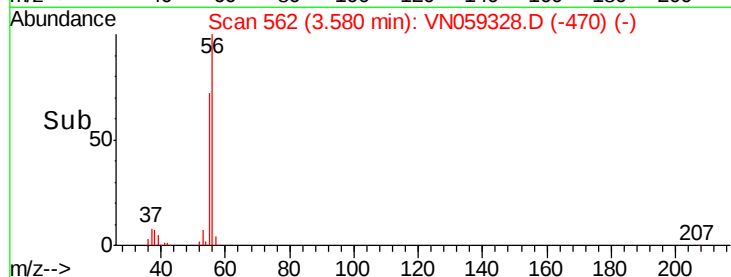
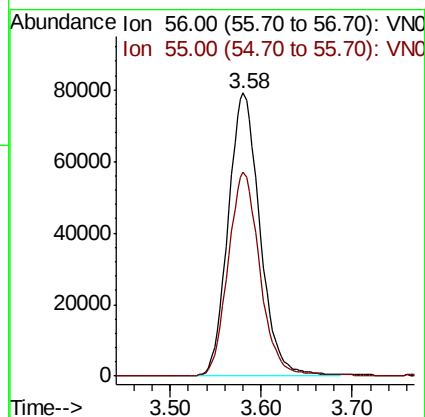
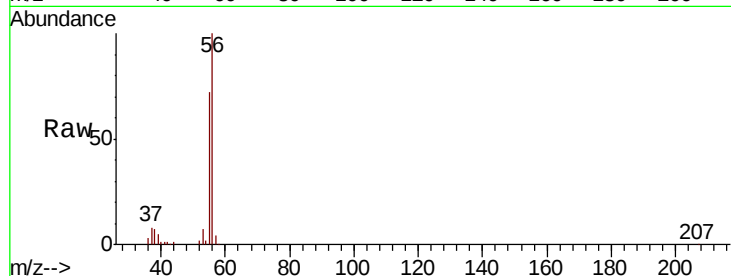
ClientSampled :

Tot Ion: 56 Resp: 192212

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.0



#14

Allyl chloride

Concen: 43.702 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

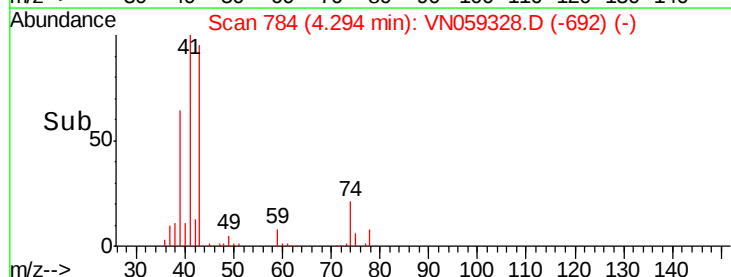
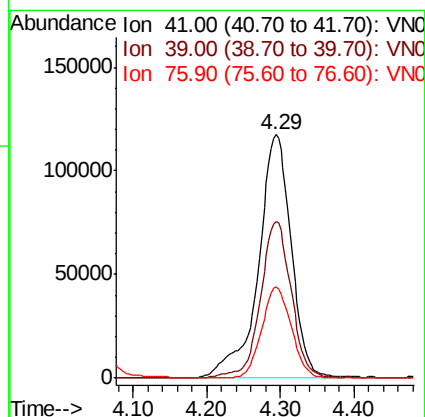
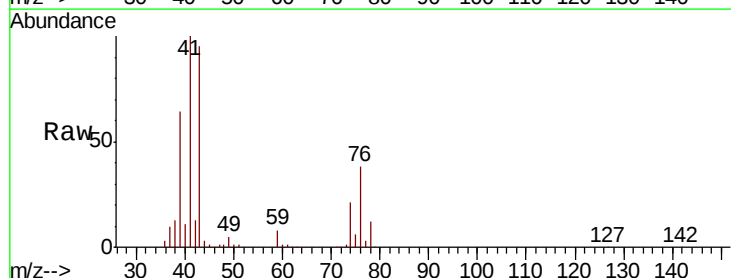
Tgt Ion: 41 Resp: 365433

Ion Ratio Lower Upper

41 100

39 60.1 48.4 72.6

76 33.5 26.2 39.4





#15

Acrylonitrile

Concen: 214.782 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

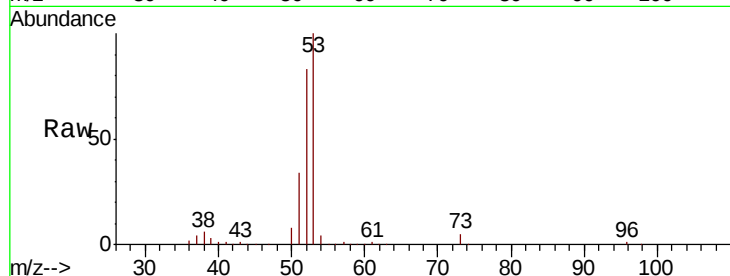
Tot Ion: 53 Resp: 565774

Ion Ratio Lower Upper

53 100

52 81.6 65.8 98.8

51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN059328.D (-988) (-)

Ion 52.00 (51.70 to 52.70): VN059328.D (-988) (-)

Ion 51.00 (50.70 to 51.70): VN059328.D (-988) (-)

4.95

200000

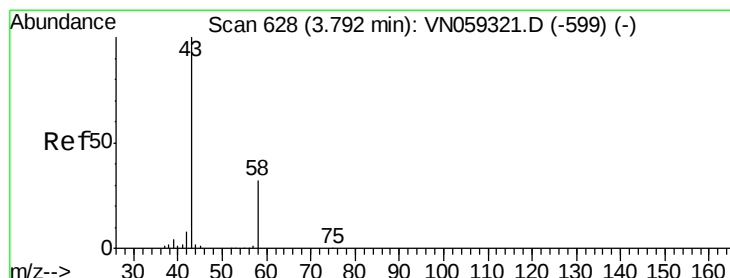
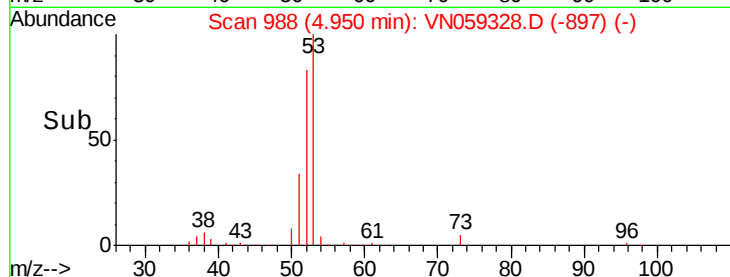
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 259.503 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059328.D

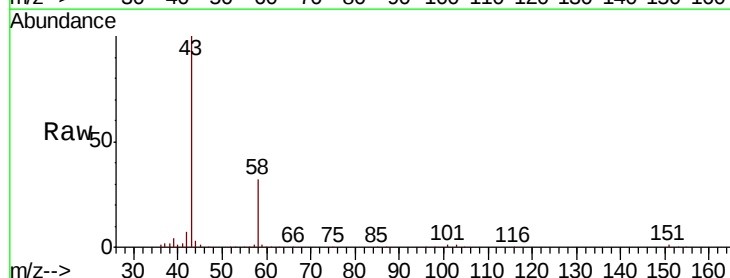
Acq: 21 Nov 2019 12:03

Tgt Ion: 43 Resp: 578998

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059328.D (-627) (-)

Ion 58.00 (57.70 to 58.70): VN059328.D (-627) (-)

3.79

250000

200000

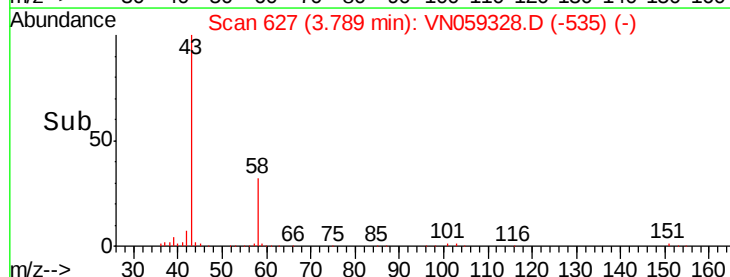
150000

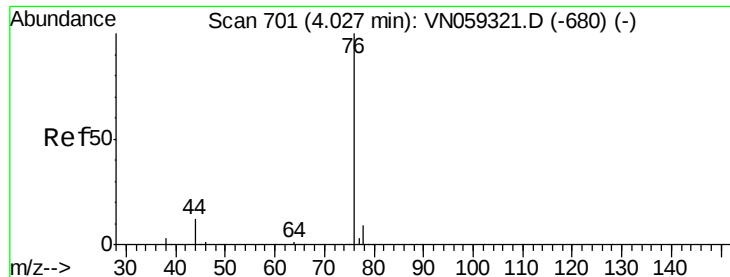
100000

50000

0

Time-->

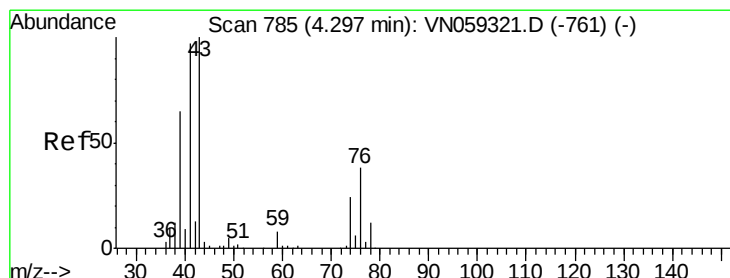
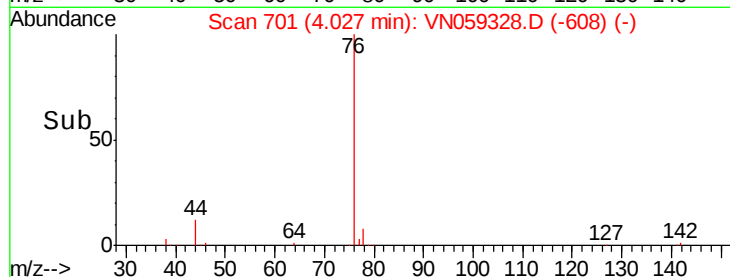
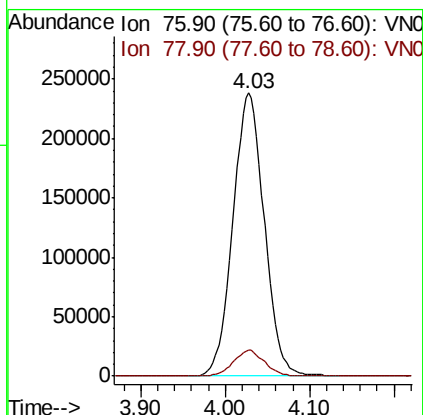
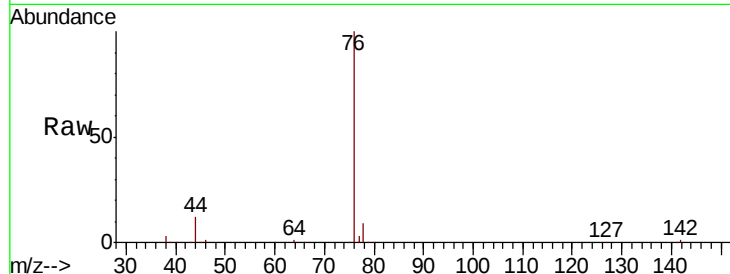




#17
Carbon Disulfide
Concen: 43.921 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

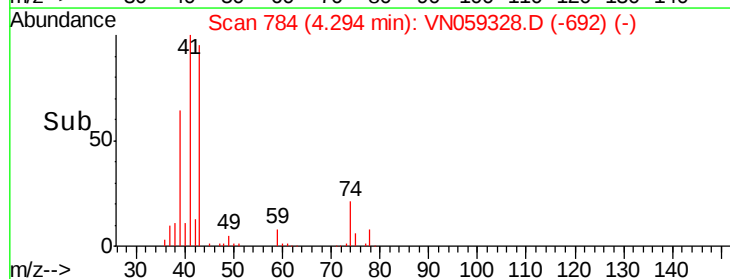
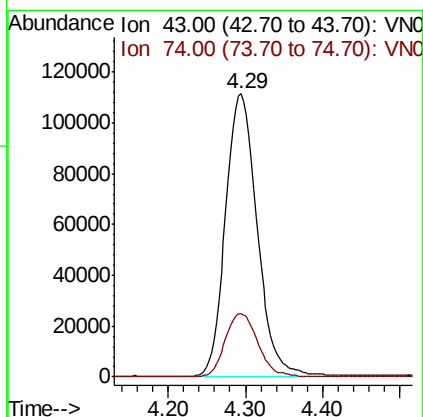
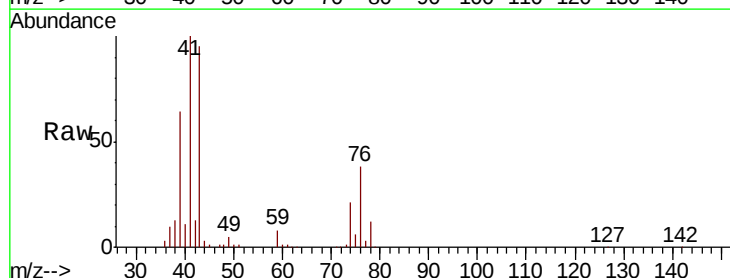
Instrument :
MSVOA_N
ClientSampleId :

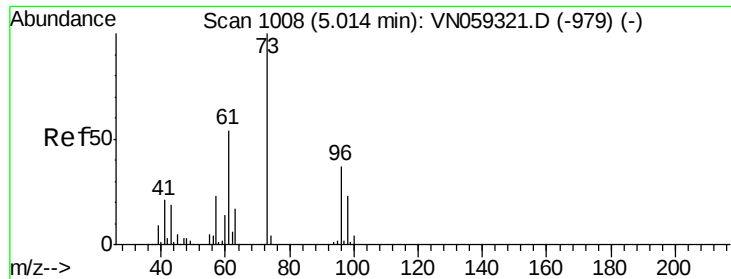
Tot Ion: 76 Resp: 615897
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 42.617 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 43 Resp: 315563
Ion Ratio Lower Upper
43 100
74 23.3 18.1 27.1

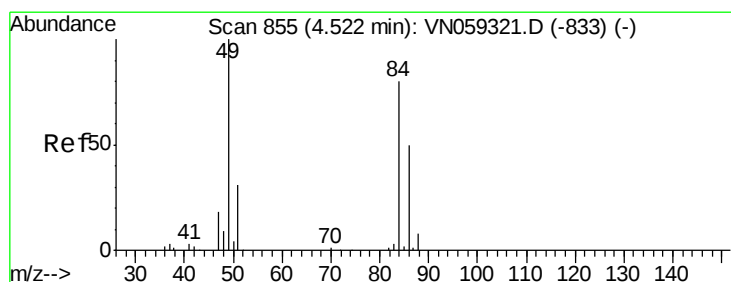
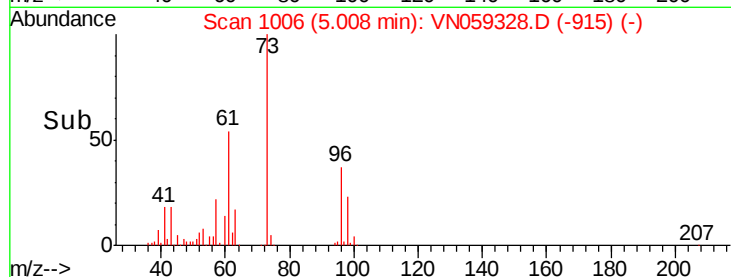
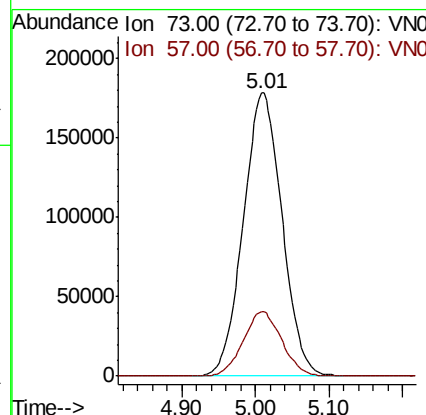
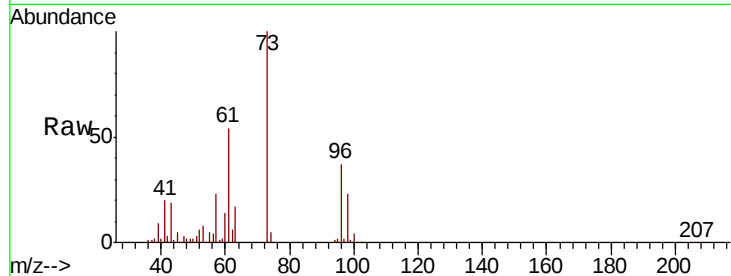




#19
Methvl tert-butvl Ether
Concen: 45.098 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

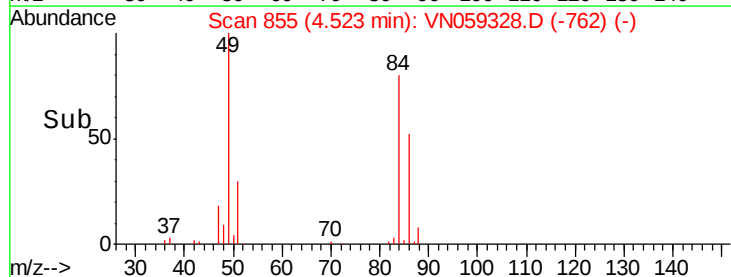
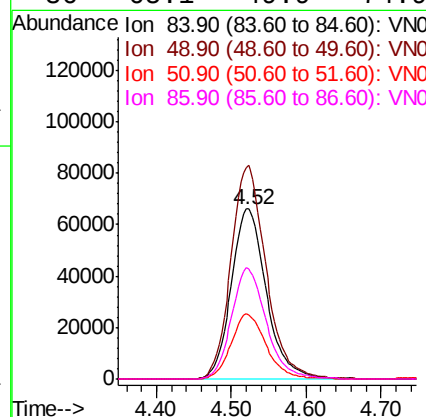
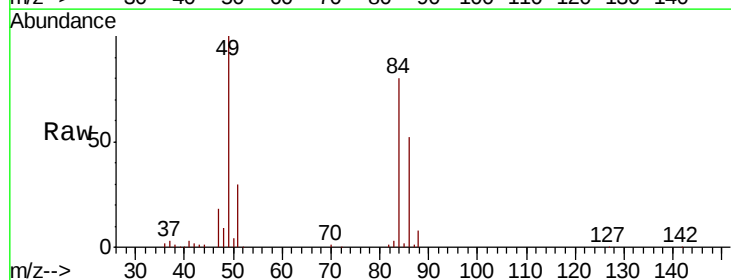
Instrument :
MSVOA_N
ClientSampleId :

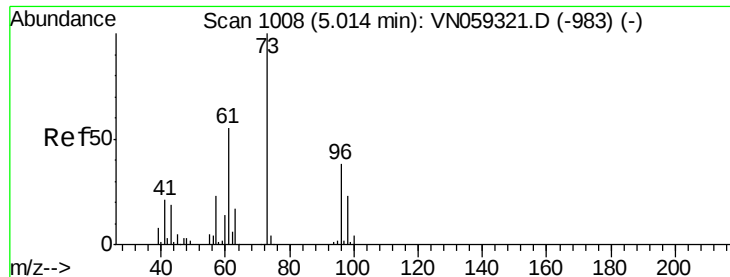
Tot Ion: 73 Resp: 651990
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 42.857 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 84 Resp: 215662
Ion Ratio Lower Upper
84 100
49 125.6 99.5 149.3
51 37.7 31.1 46.7
86 65.1 49.9 74.9



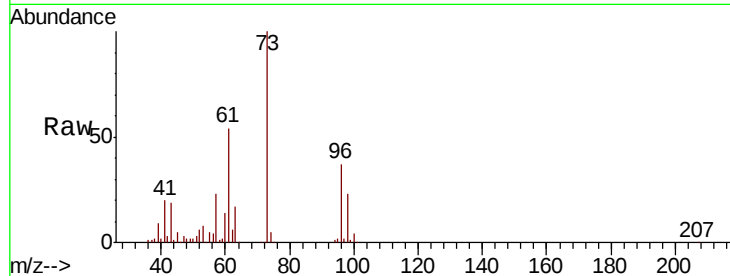


#21

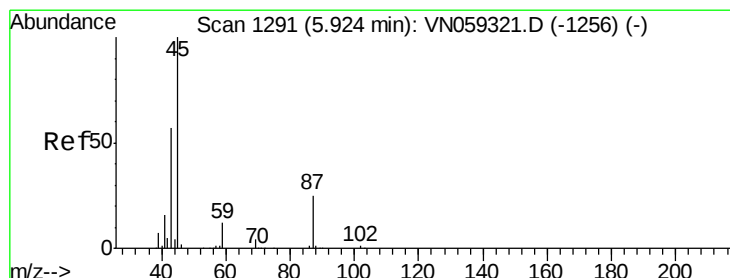
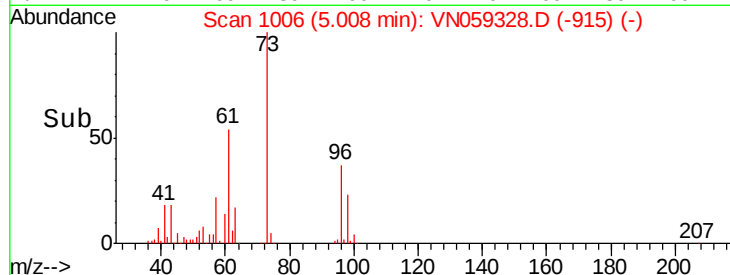
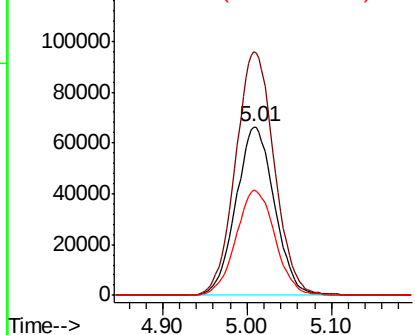
trans-1,2-Dichloroethene
Concen: 44.446 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 210846
Ion Ratio Lower Upper
96 100
61 144.6 116.4 174.6
98 62.3 49.6 74.4



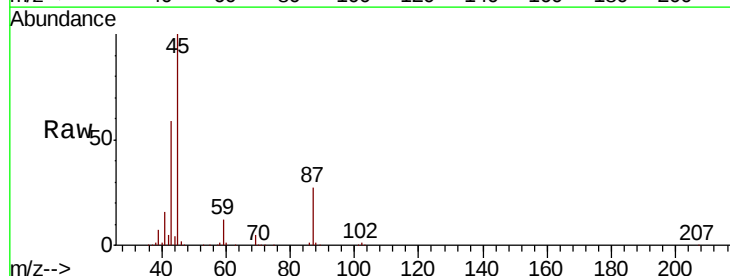
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



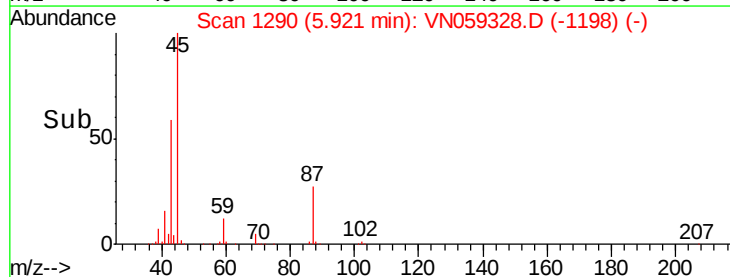
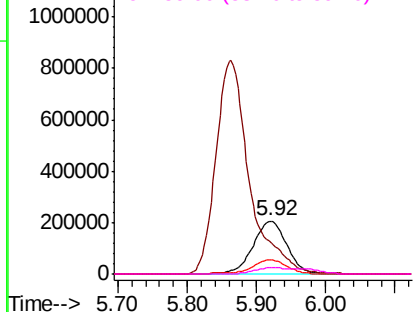
#22

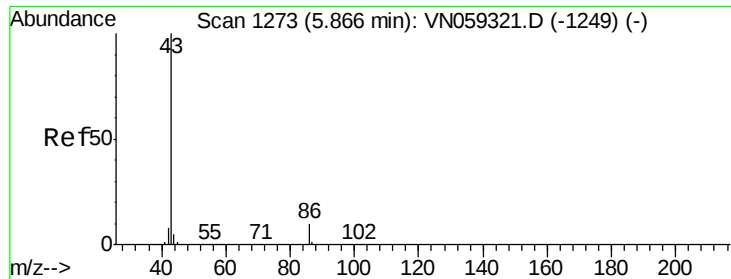
Diisopropyl ether
Concen: 44.333 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 45 Resp: 697975
Ion Ratio Lower Upper
45 100
43 57.9 47.6 71.4
87 27.0 20.7 31.1
59 11.4 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 226.255 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

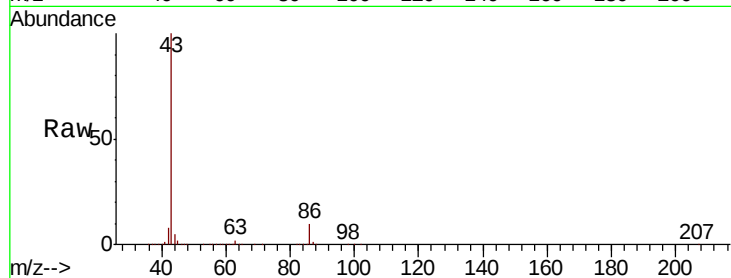
ClientSampleId :

Tot Ion: 43 Resp: 2801160

Ion Ratio Lower Upper

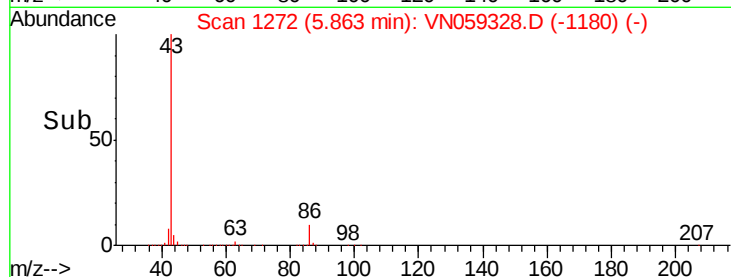
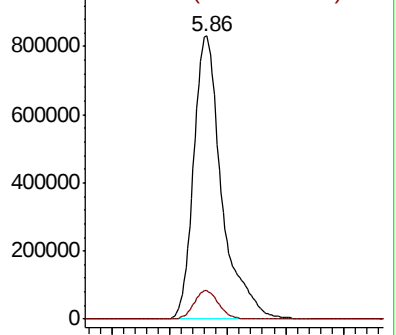
43 100

86 10.1 8.0 12.0

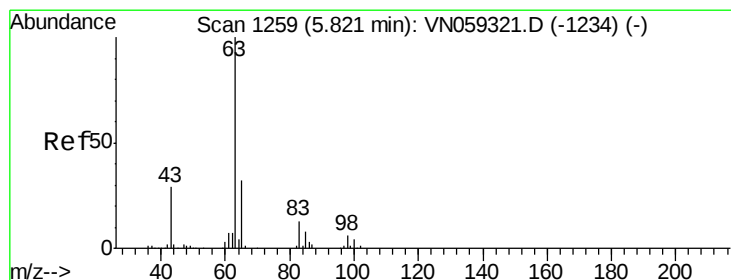


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 44.802 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

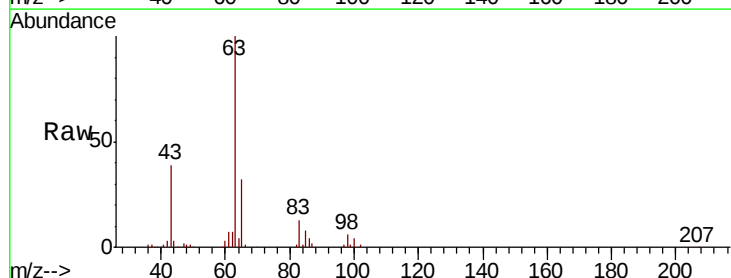
Tgt Ion: 63 Resp: 397022

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

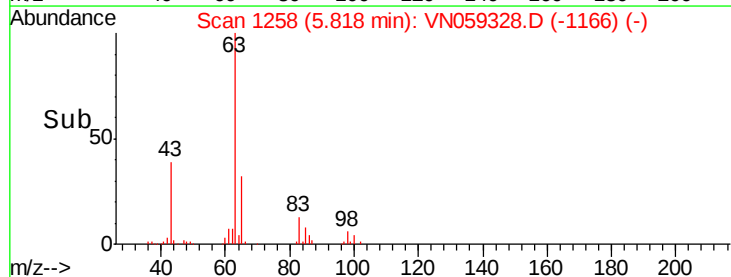
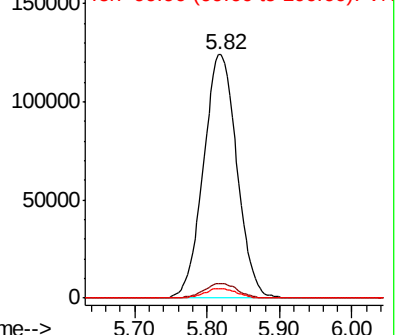
100 3.6 1.9 5.7



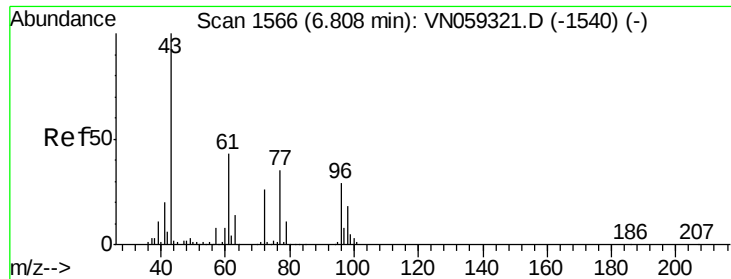
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



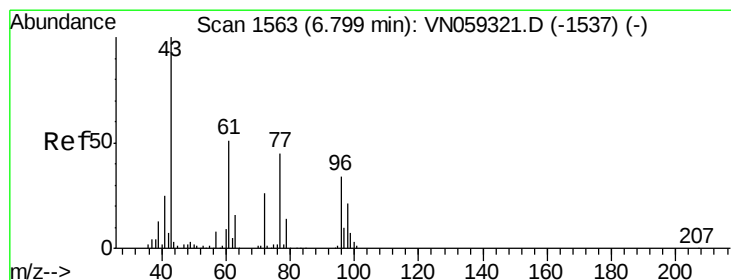
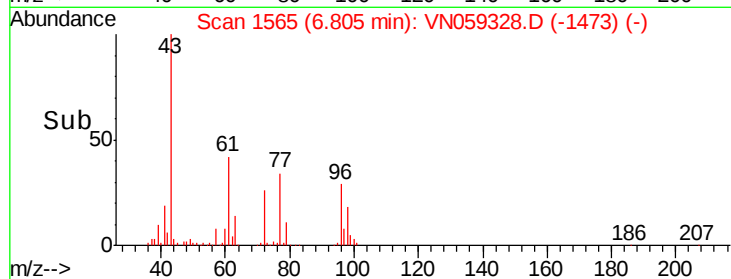
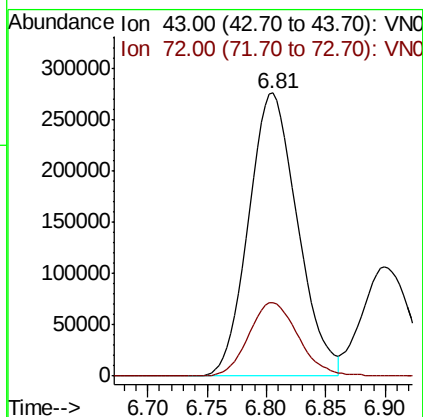
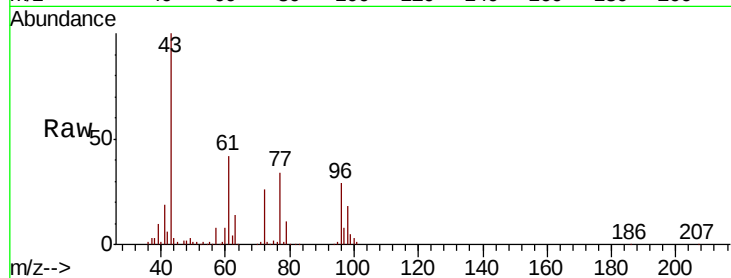
Time-->



#25
2-Butanone
Concen: 226.611 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

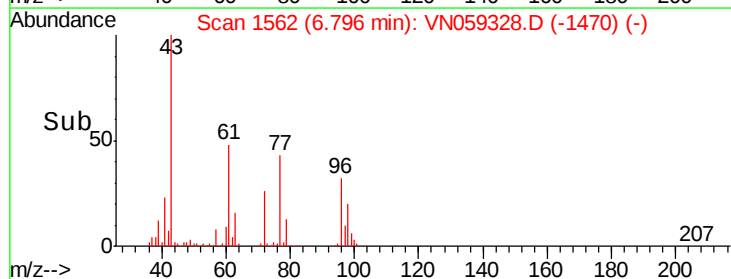
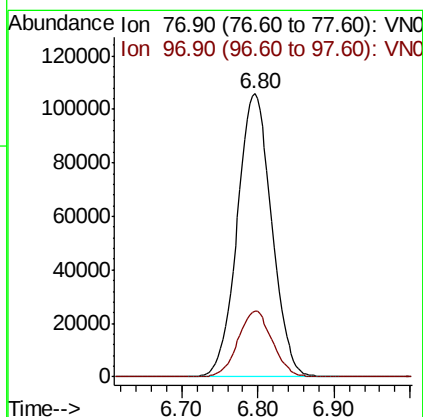
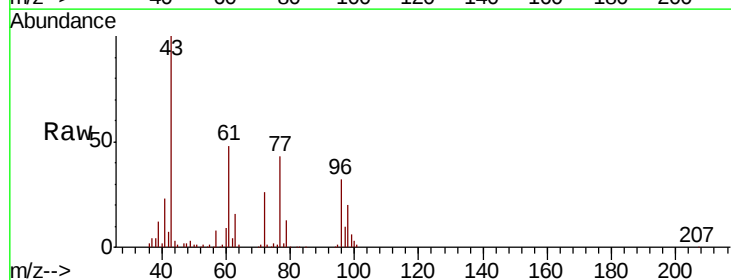
Instrument :
MSVOA_N
ClientSampled :

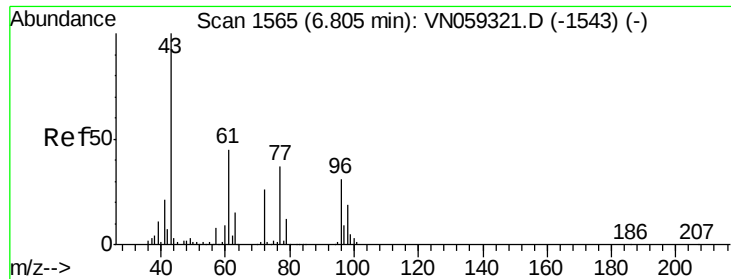
Tot Ion: 43 Resp: 786221
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 43.388 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 77 Resp: 332928
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 44.371 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :

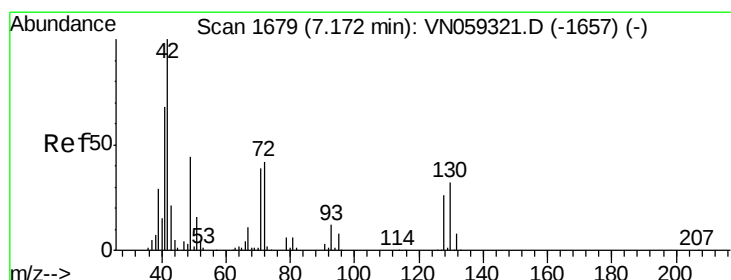
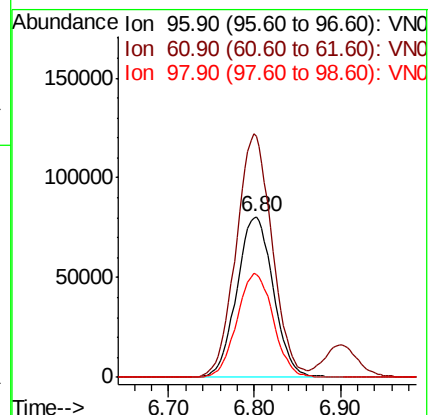
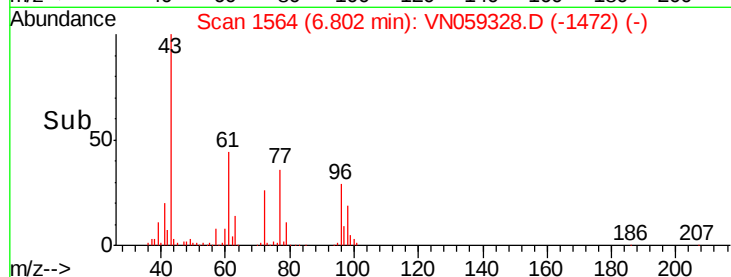
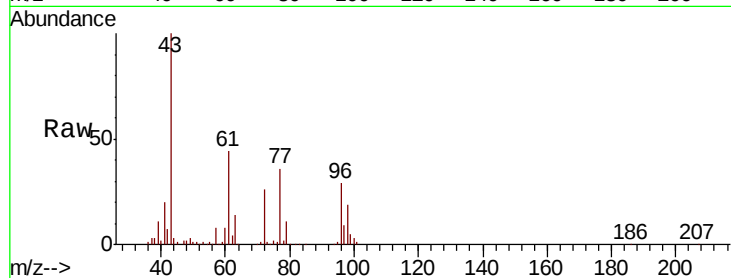
Tot Ion: 96 Resp: 237485

Ion Ratio Lower Upper

96 100

61 149.2 0.0 304.0

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 44.546 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

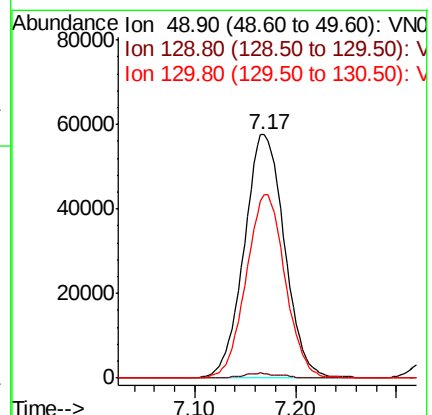
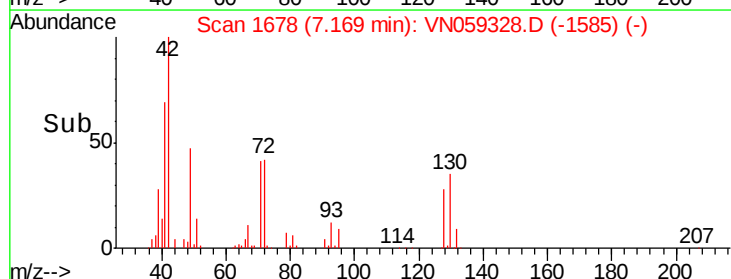
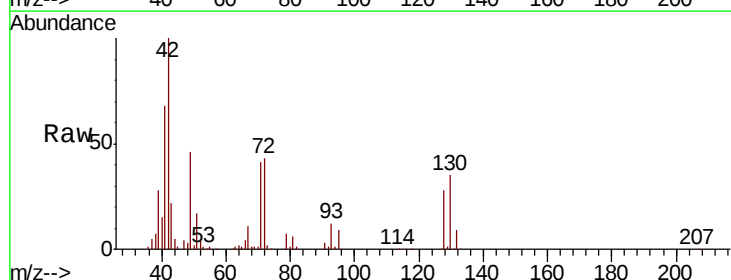
Tgt Ion: 49 Resp: 159827

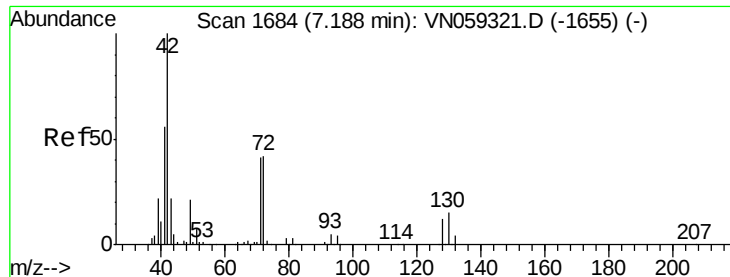
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 73.0 57.0 85.6

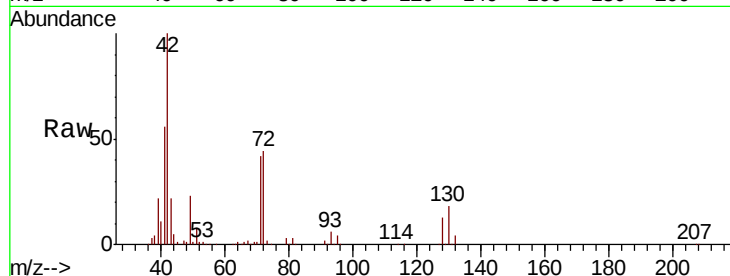




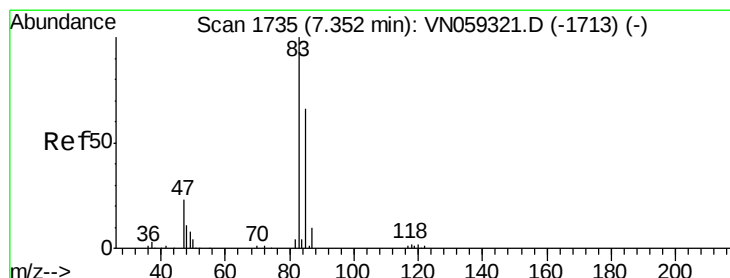
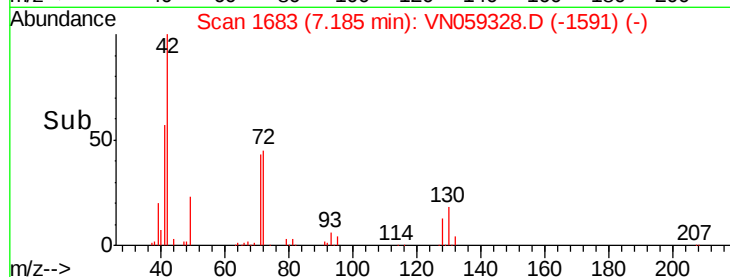
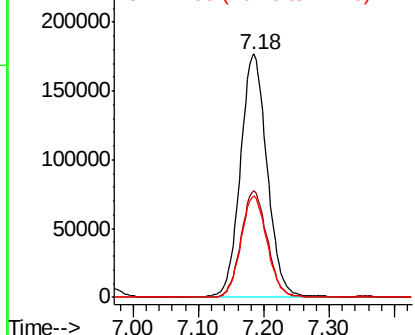
#29
Tetrahydrofuran
Concen: 208.943 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.9	32.6	48.8

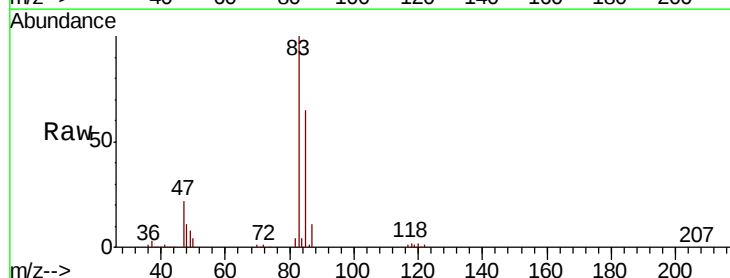


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

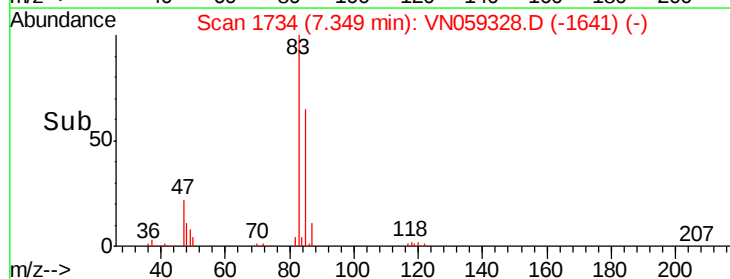
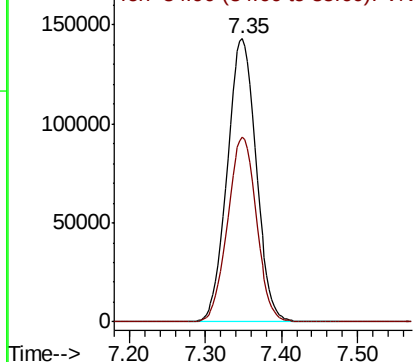


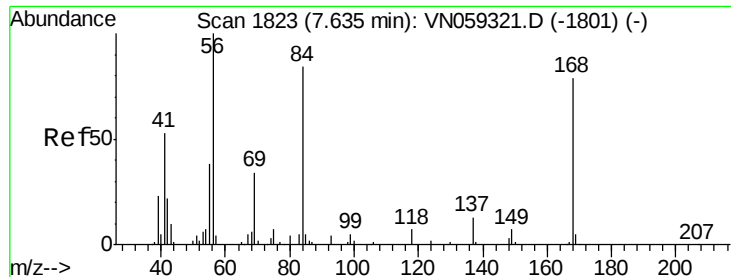
#30
Chloroform
Concen: 44.099 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.7	79.1



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





#31

Cyclohexane

Concen: 42.768 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampled :

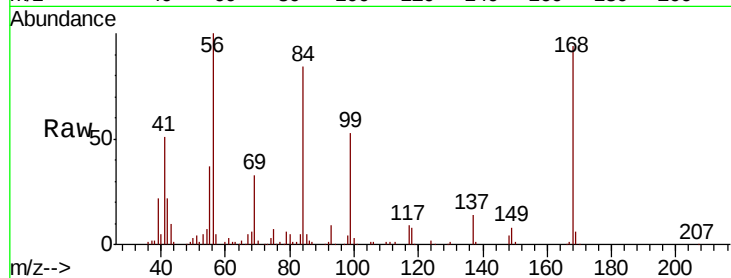
Tot Ion: 56 Resp: 374734

Ion Ratio Lower Upper

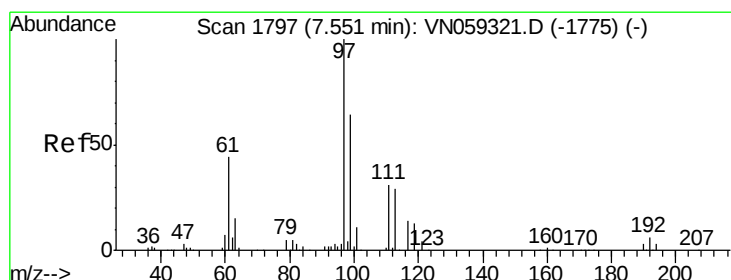
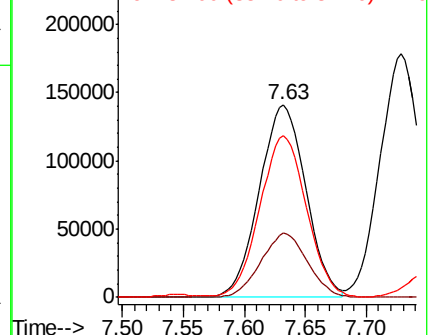
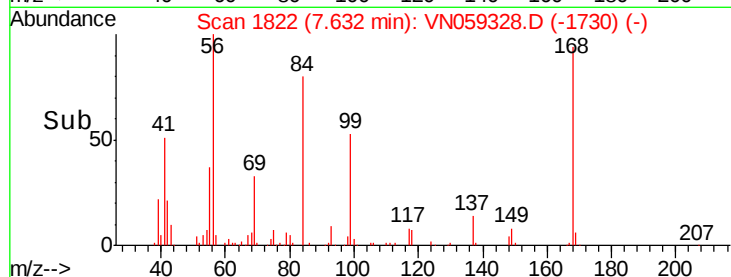
56 100

69 33.3 26.6 40.0

84 82.8 67.0 100.4



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



#32

1,1,1-Trichloroethane

Concen: 43.485 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

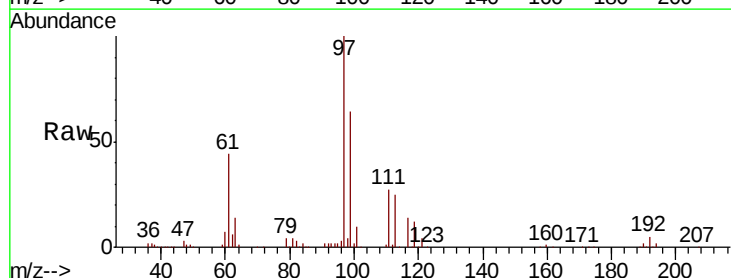
Tgt Ion: 97 Resp: 321300

Ion Ratio Lower Upper

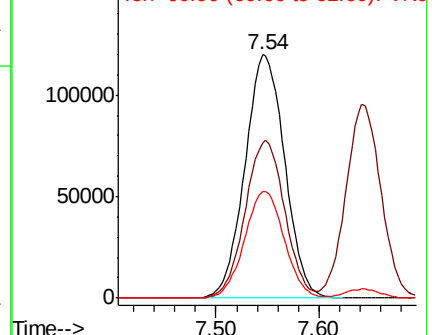
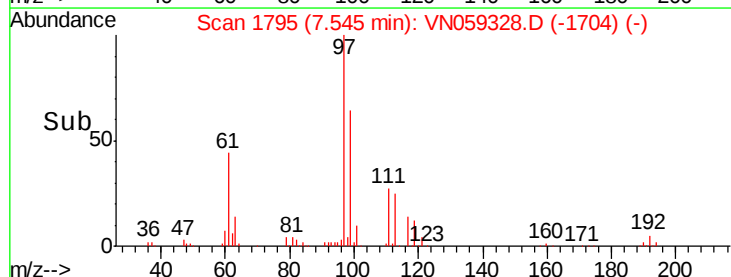
97 100

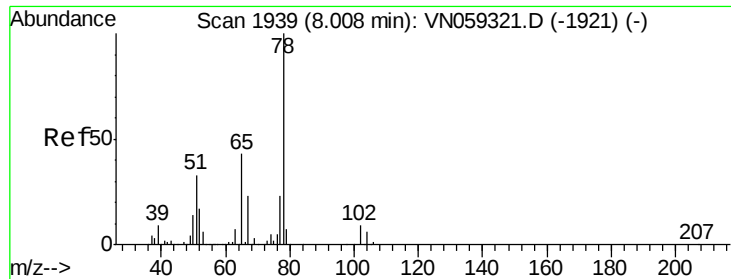
99 64.5 51.3 76.9

61 43.7 35.3 52.9



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

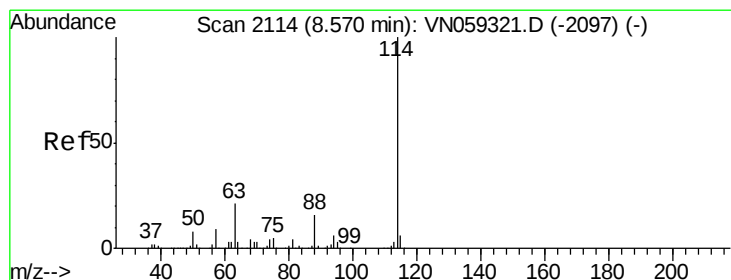
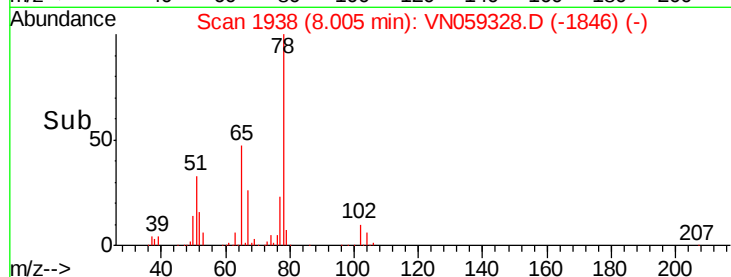
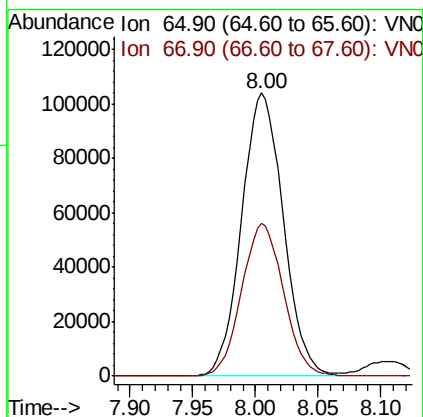
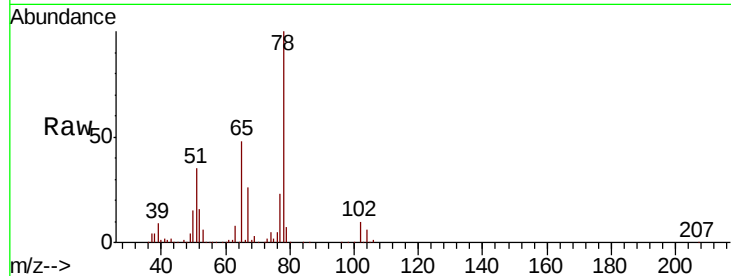




#33
 1,2-Dichloroethane-d4
 Concen: 48.505 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

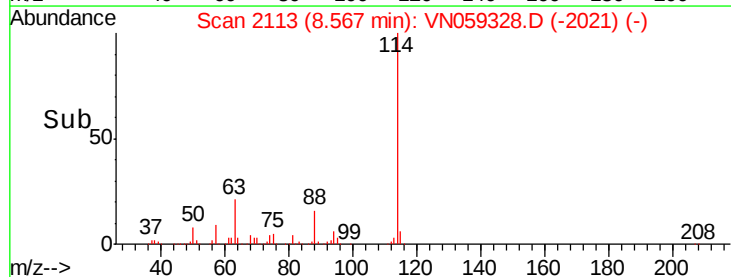
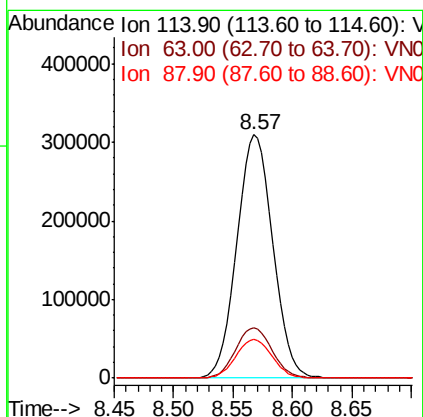
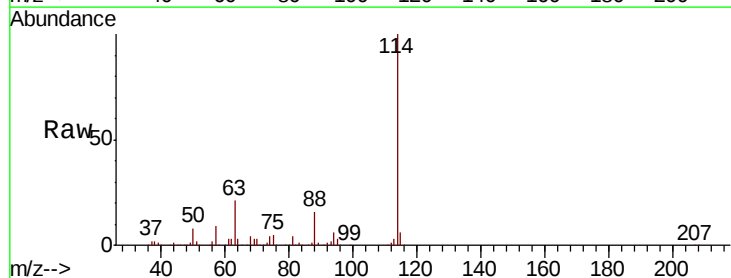
Instrument :
 MSVOA_N
 ClientSampleId :

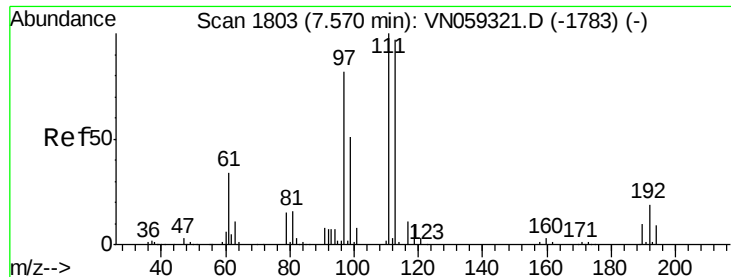
Tot Ion: 65 Resp: 241367
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion: 114 Resp: 649140
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 15.9 0.0 32.2

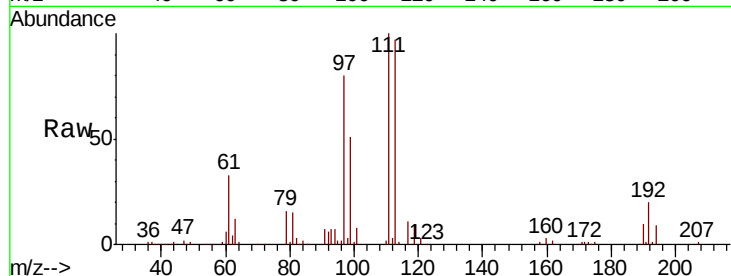




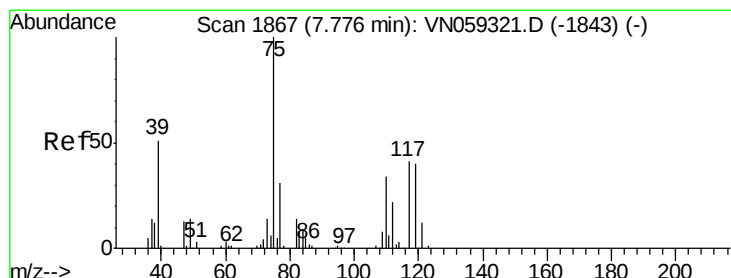
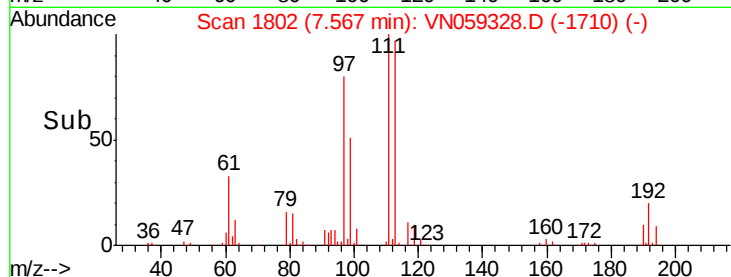
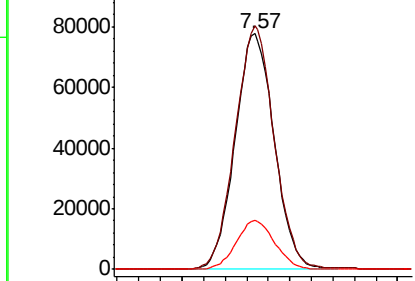
#35
 Dibromofluoromethane
 Concen: 50.345 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.2	16.3	24.5

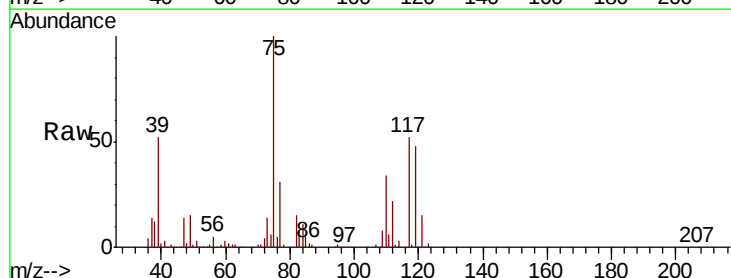


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

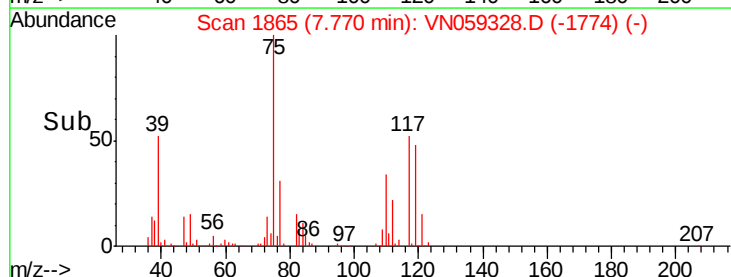
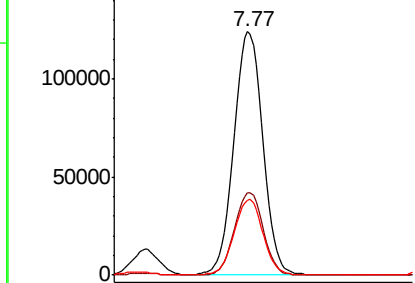


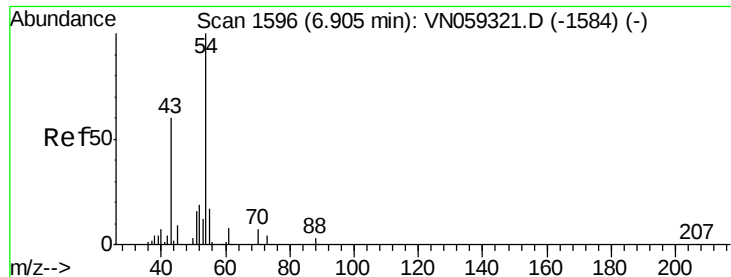
#36
 1,1-Dichloropropene
 Concen: 45.220 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	51.0
77	31.2	24.8	37.2



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

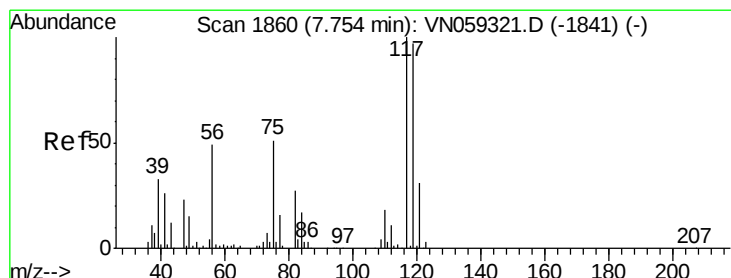
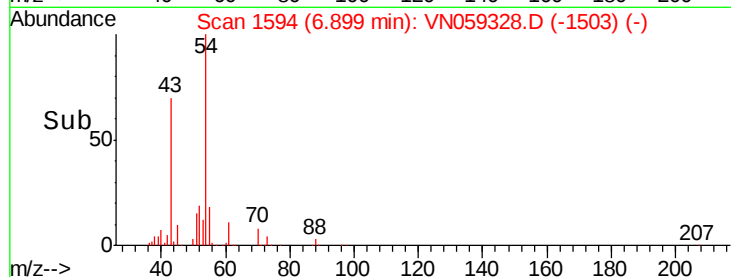
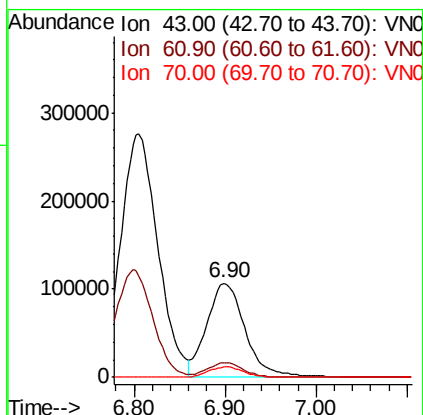
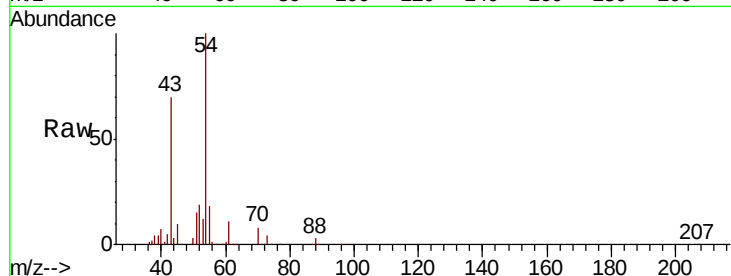




#37
Ethyl Acetate
Concen: 42.827 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

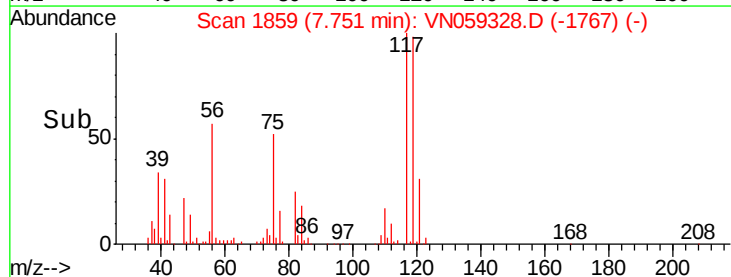
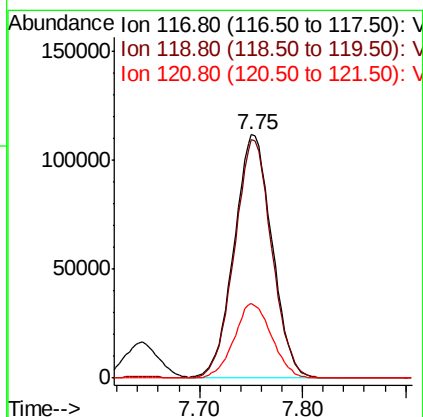
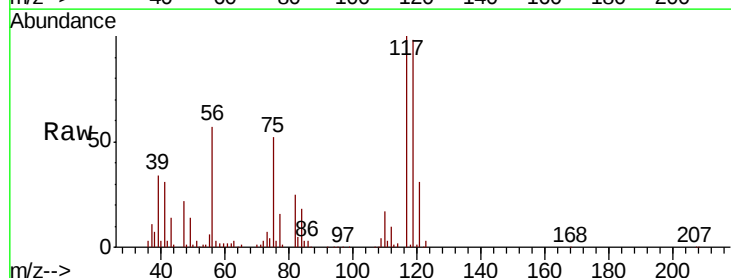
Instrument :
MSVOA_N
ClientSampleId :

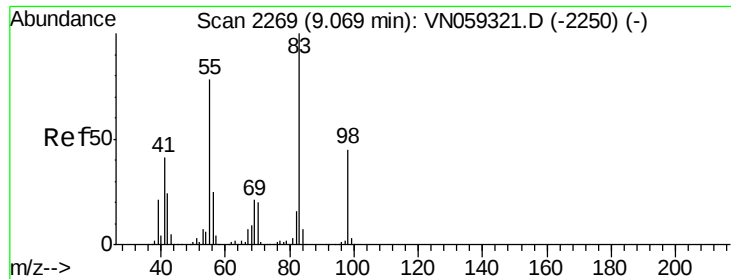
Tot Ion: 43 Resp: 308447
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 44.282 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 117 Resp: 284086
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.4
121 30.6 24.4 36.6

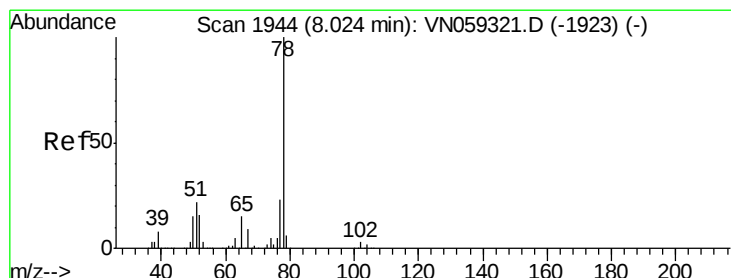
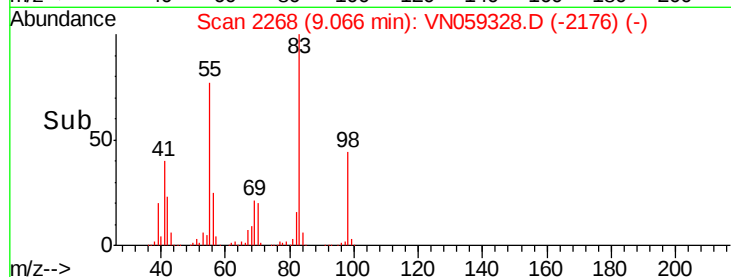
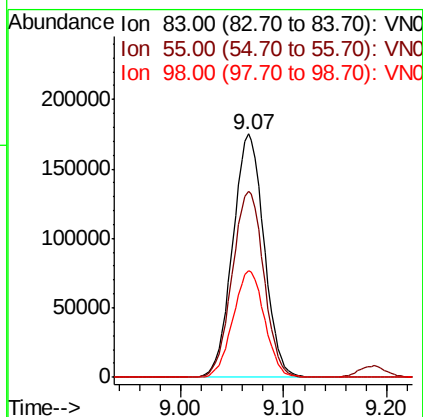
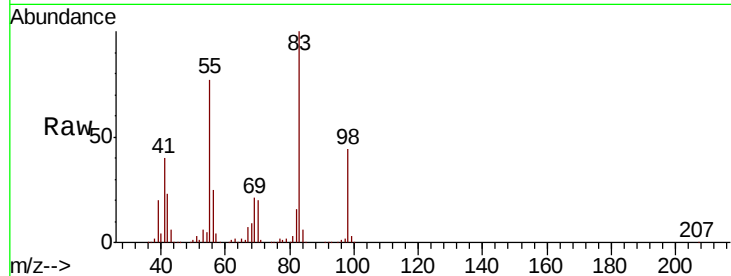




#39
Methvlcvclohexane
Concen: 45.720 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

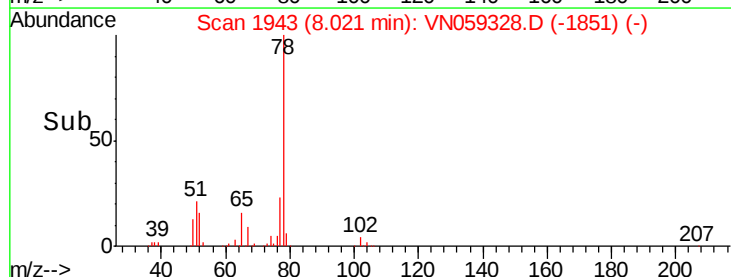
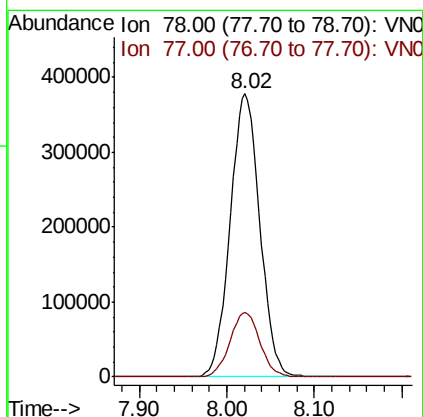
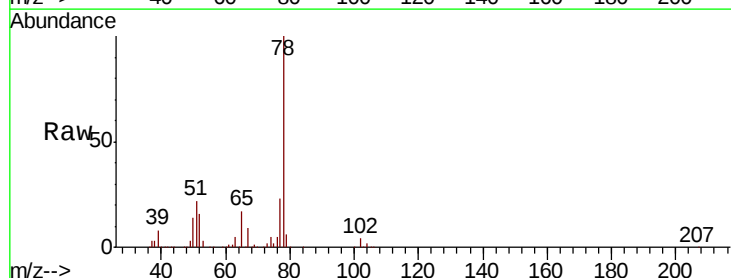
Instrument :
MSVOA_N
ClientSampled :

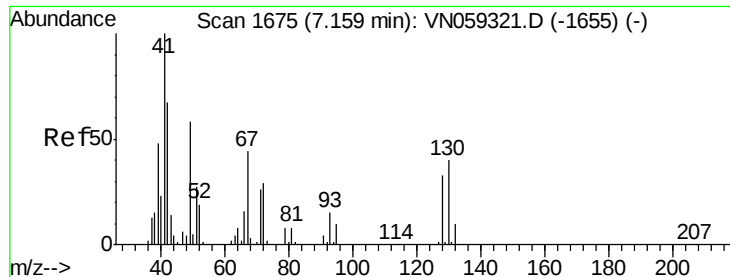
Tot Ion: 83 Resp: 369461
Ion Ratio Lower Upper
83 100
55 76.5 62.3 93.5
98 43.7 36.0 54.0



#40
Benzene
Concen: 45.137 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 78 Resp: 887777
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6

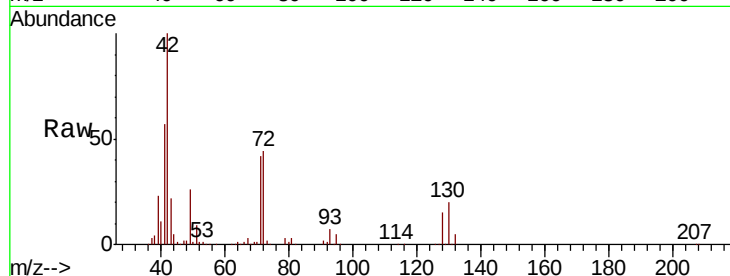




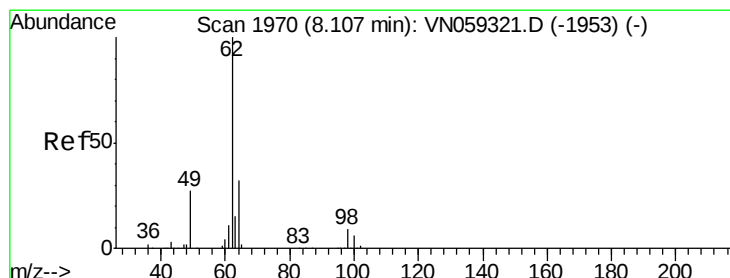
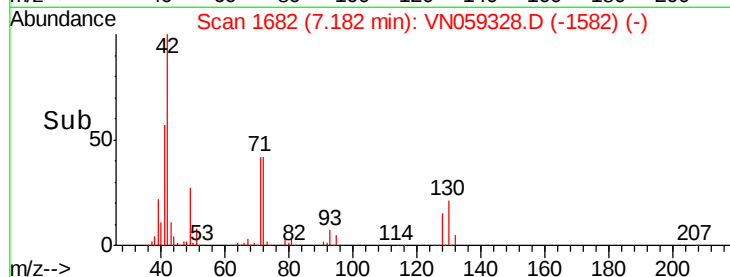
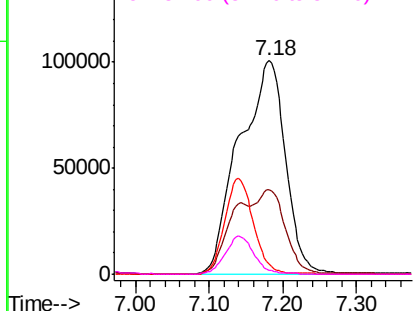
#41
Methacrylonitrile
Concen: 136.566 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	436632
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

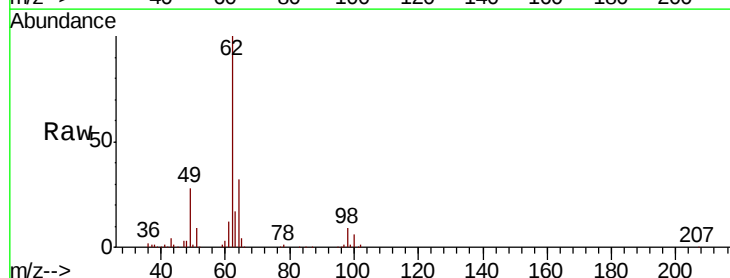


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

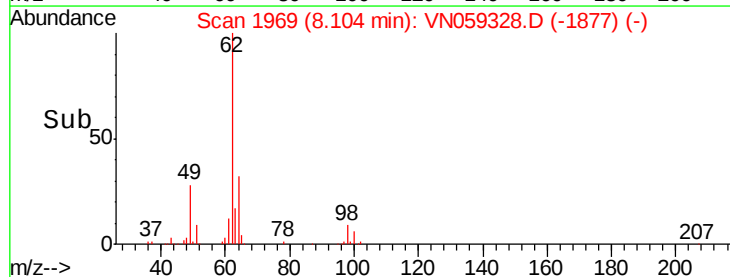
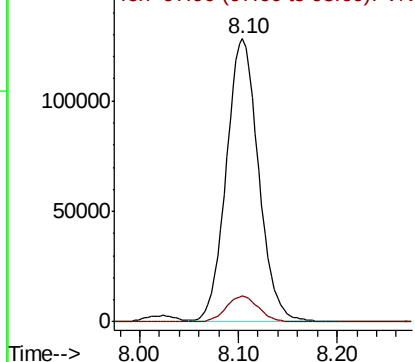


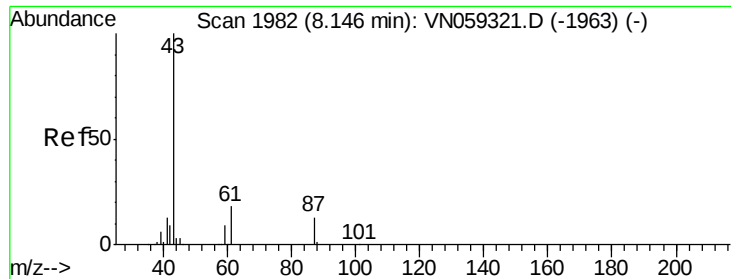
#42
1,2-Dichloroethane
Concen: 44.923 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion:	62	Resp:	292218
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6



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

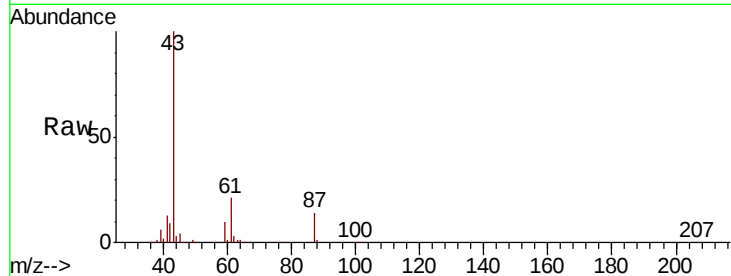




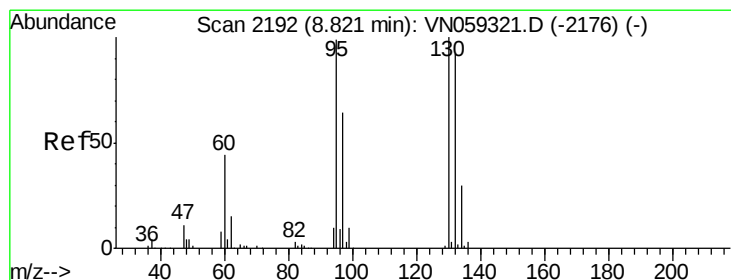
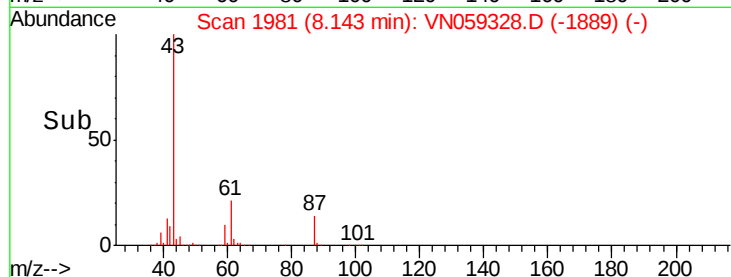
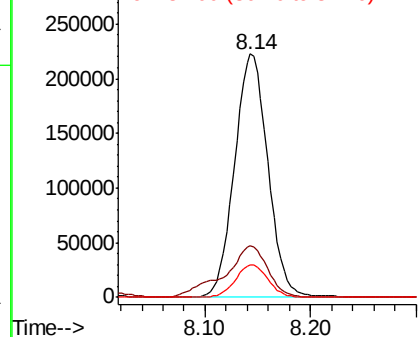
#43
Isopropyl Acetate
Concen: 44.128 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 485715
Ion Ratio Lower Upper
43 100
61 27.4 21.7 32.5
87 13.2 10.2 15.4

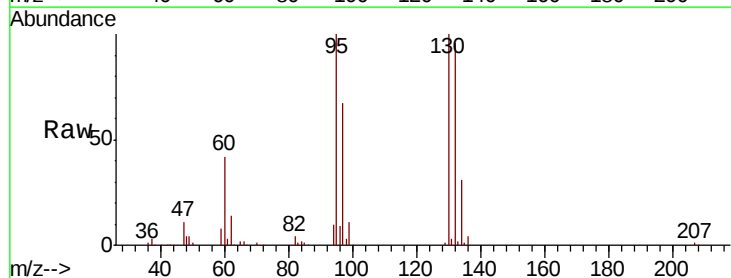


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

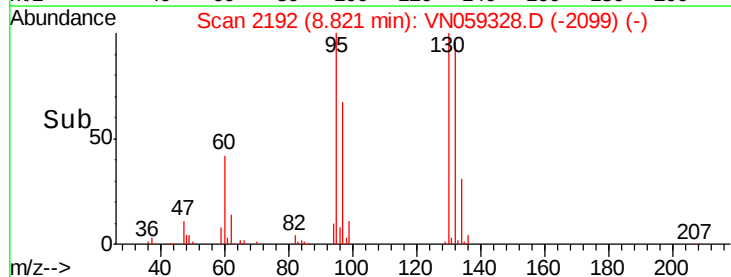
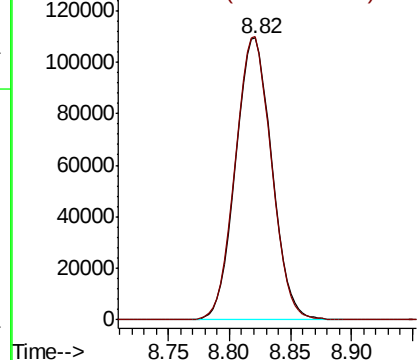


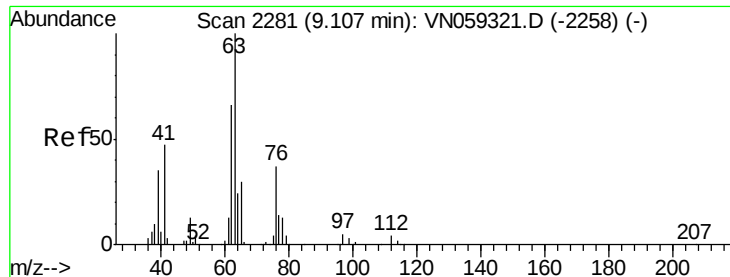
#44
Trichloroethene
Concen: 45.198 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion:130 Resp: 225302
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 45.284 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

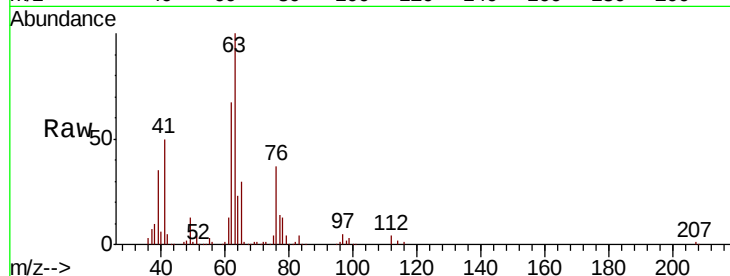
ClientSampled :

Tot Ion: 63 Resp: 237503

Ion Ratio Lower Upper

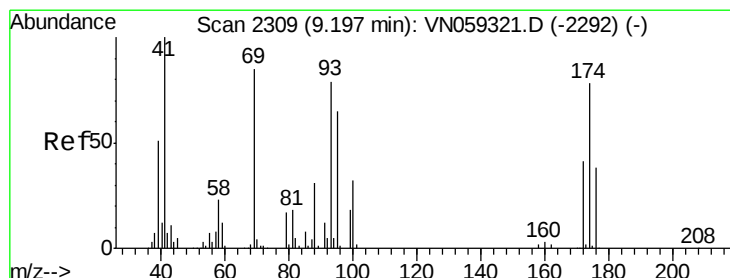
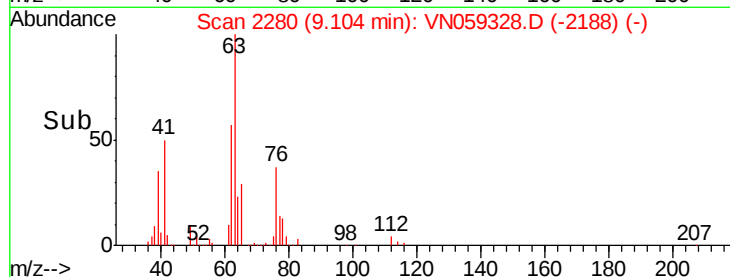
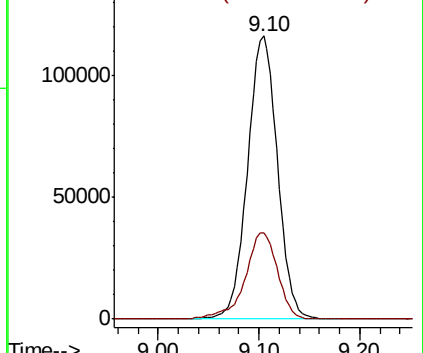
63 100

65 30.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 45.285 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

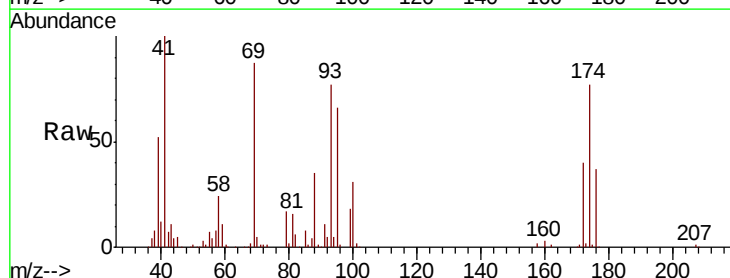
Tgt Ion: 93 Resp: 145682

Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

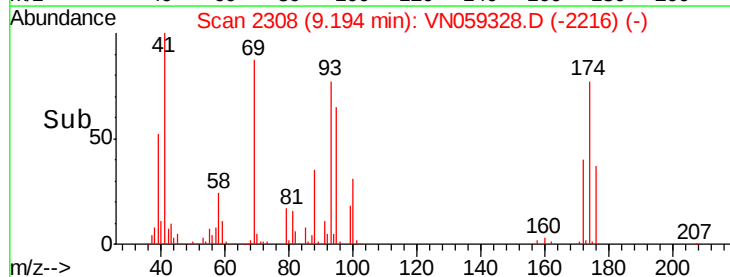
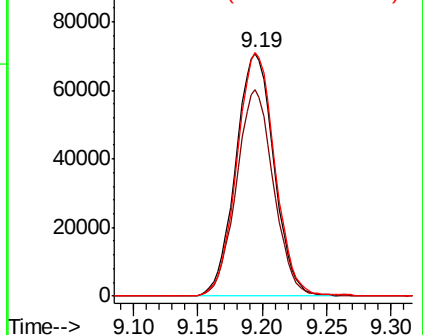
174 100.1 80.6 120.8

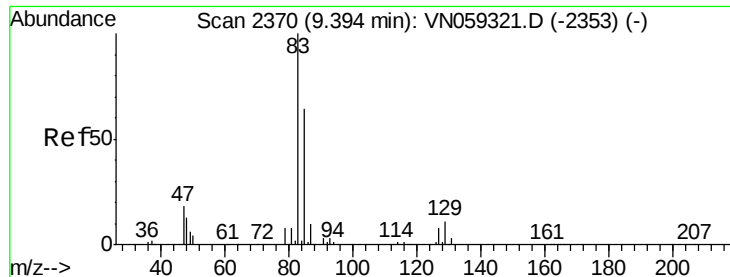


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

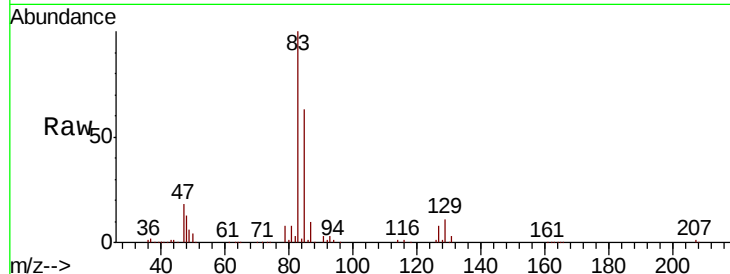




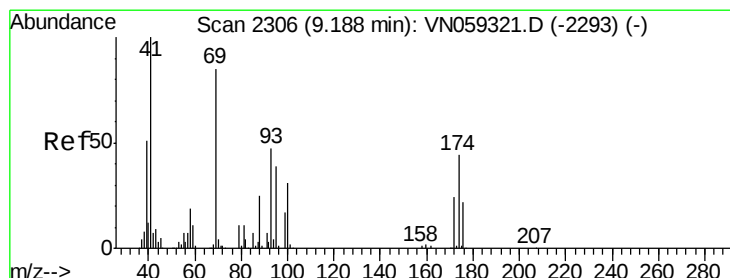
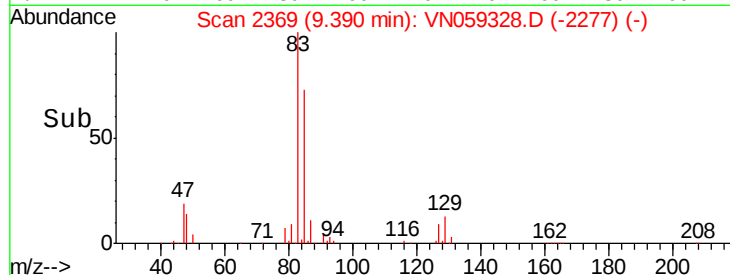
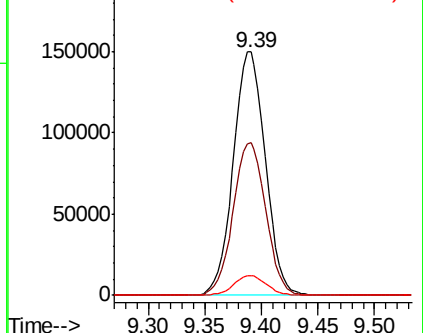
#47
Bromodichloromethane
Concen: 45.967 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	83	Resp	296157
Ion Ratio	100		
Lower	51.5		
Upper	77.3		
85	62.9		
127	8.1		
	6.6		
	10.0		

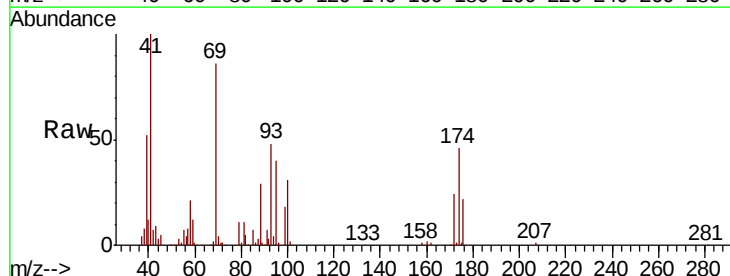


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

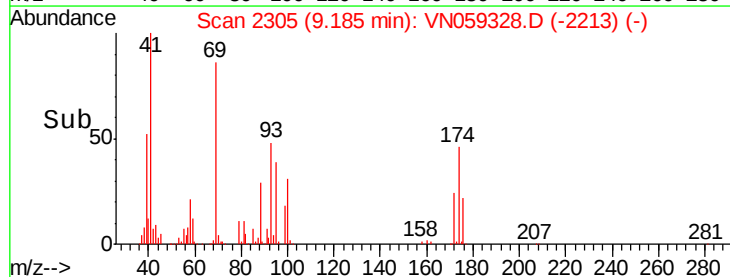
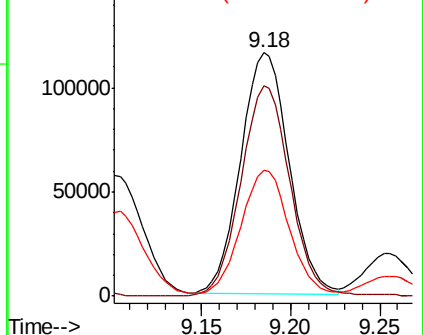


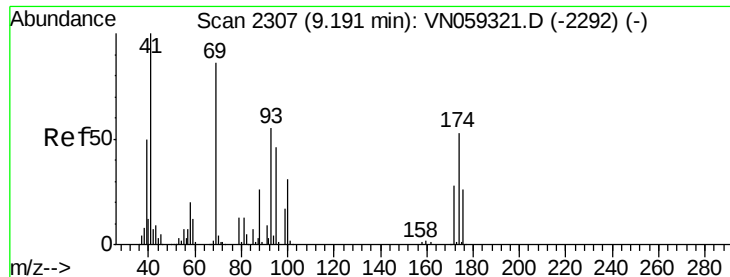
#48
Methyl methacrylate
Concen: 43.902 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion	41	Resp	219743
Ion Ratio	100		
Lower	68.8		
Upper	103.2		
69	88.3		
39	52.4		
	42.1		
	63.1		



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

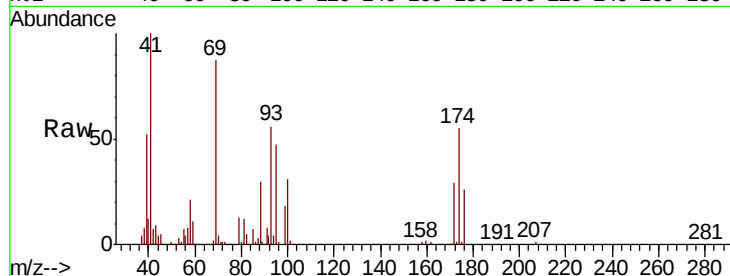




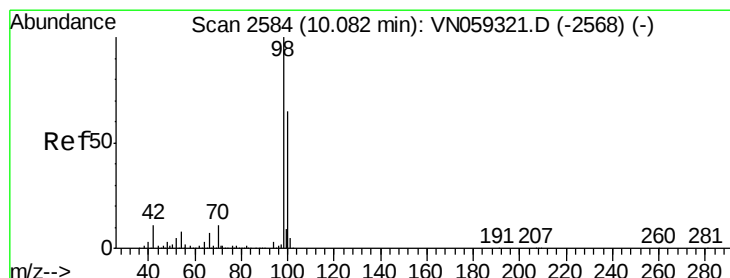
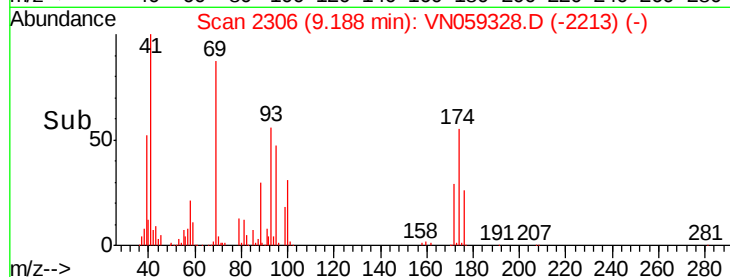
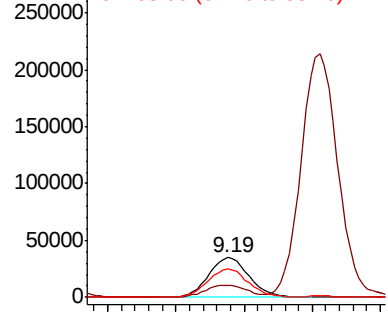
#49
1,4-Dioxane
Concen: 966.425 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 72701
Ion Ratio Lower Upper
88 100
43 31.2 26.9 40.3
58 71.2 59.2 88.8

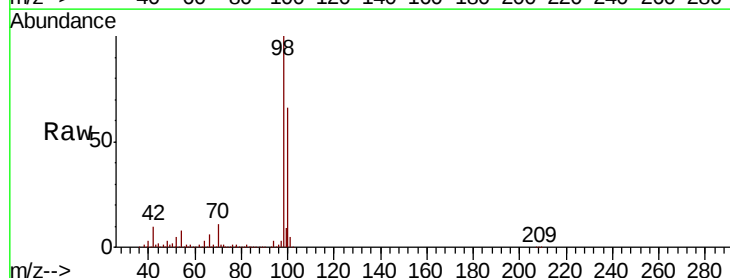


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

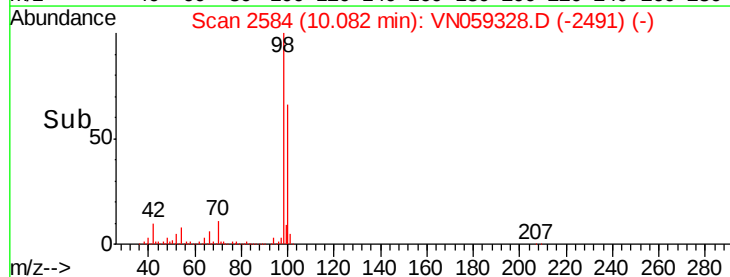
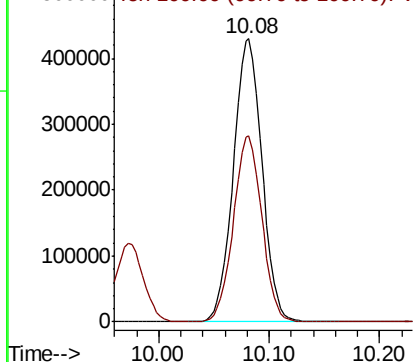


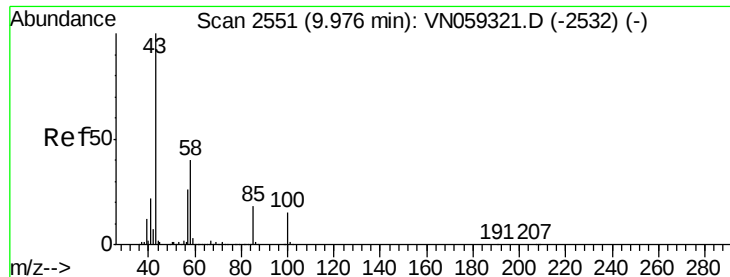
#50
Toluene-d8
Concen: 49.947 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 98 Resp: 773292
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 227.717 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

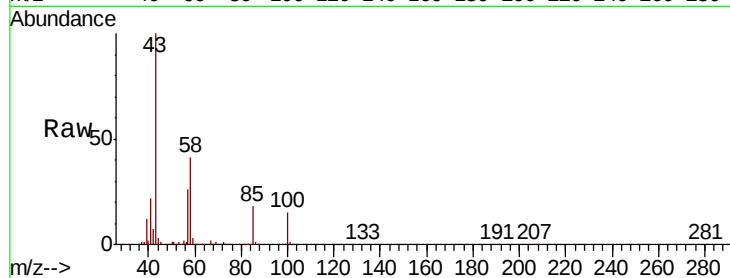
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1467093

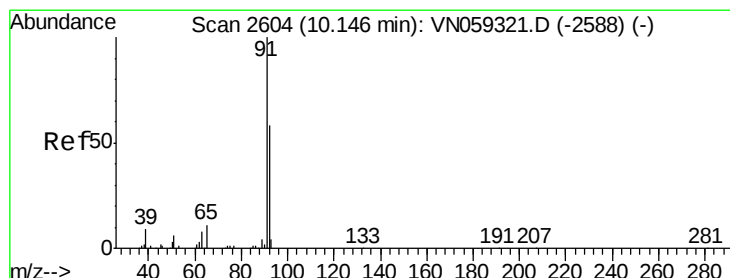
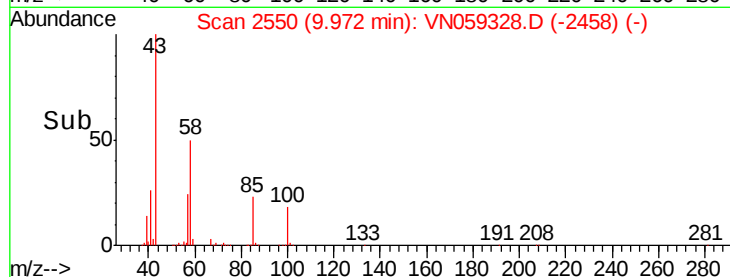
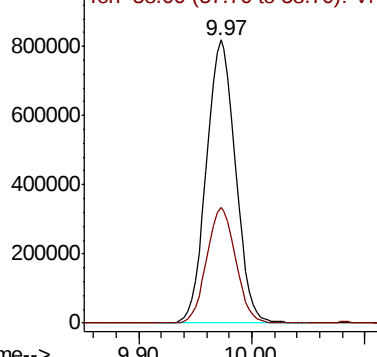
Ion Ratio Lower Upper

43 100

58 40.6 31.8 47.8



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



#52

Toluene

Concen: 45.426 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059328.D

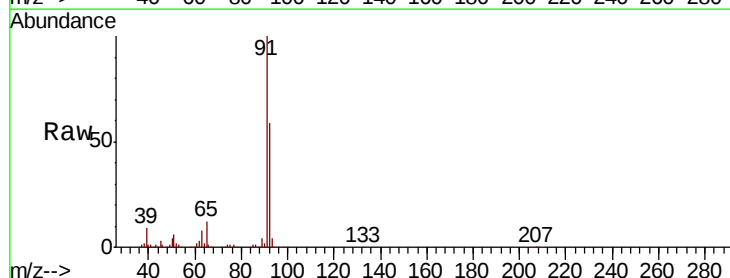
Acq: 21 Nov 2019 12:03

Tgt Ion: 92 Resp: 537232

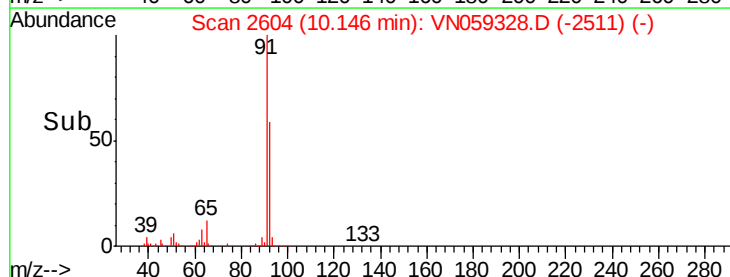
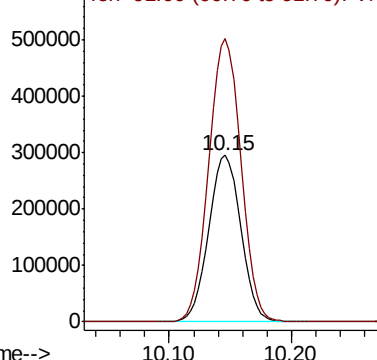
Ion Ratio Lower Upper

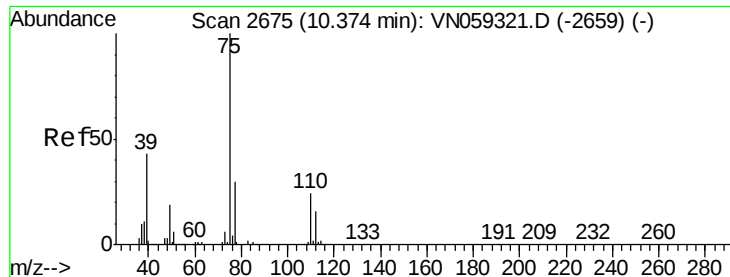
92 100

91 170.9 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 45.449 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

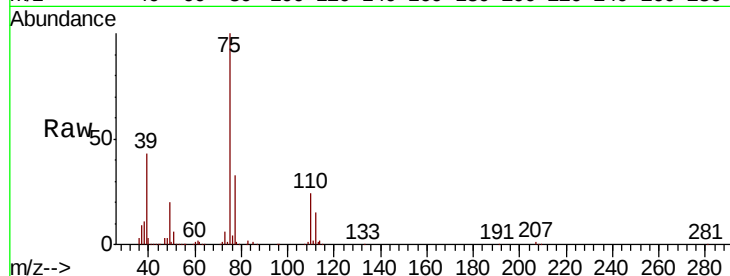
ClientSampleId :

Tot Ion: 75 Resp: 340393

Ion Ratio Lower Upper

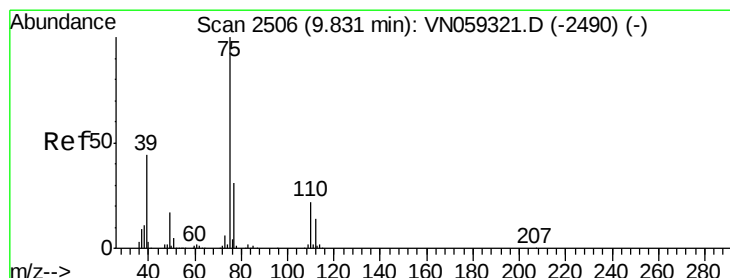
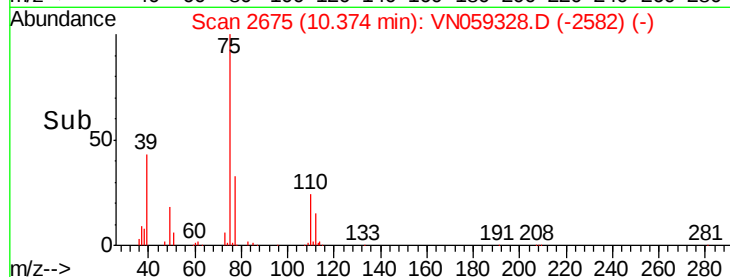
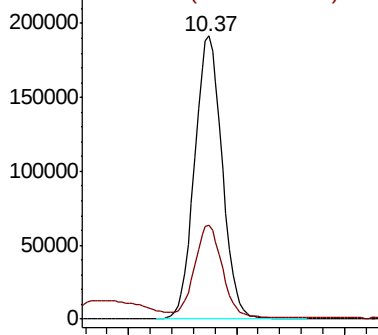
75 100

77 32.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 46.398 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

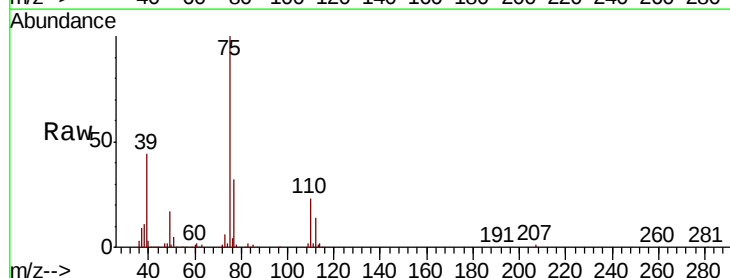
Tgt Ion: 75 Resp: 377080

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

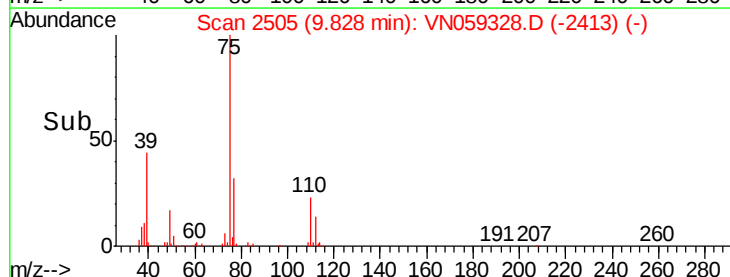
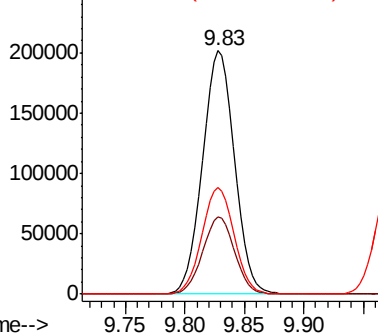
39 43.7 35.5 53.3

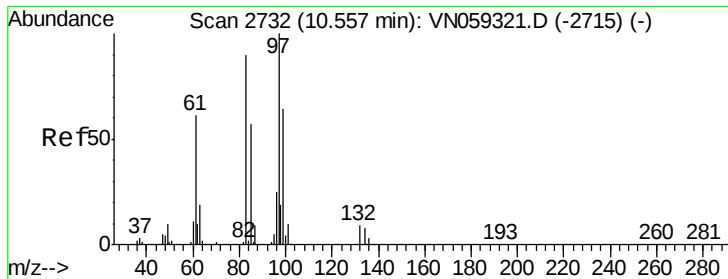


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

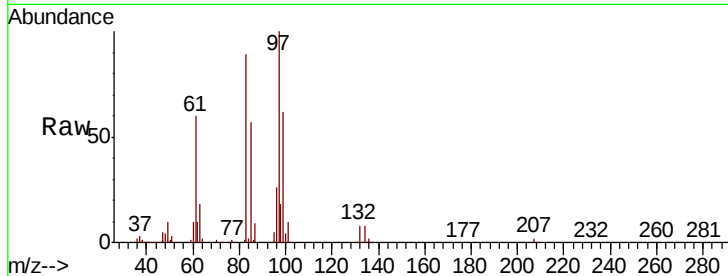




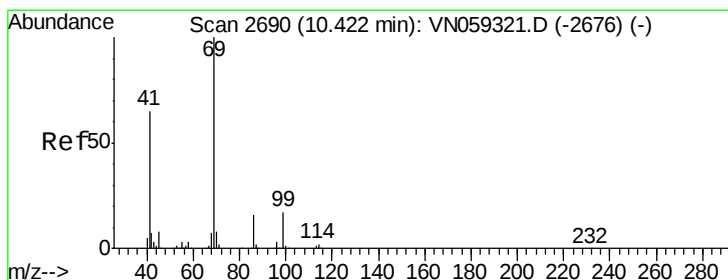
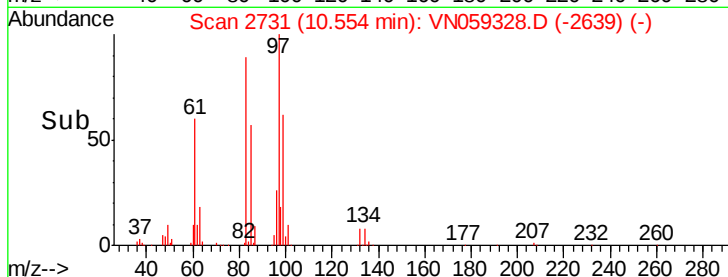
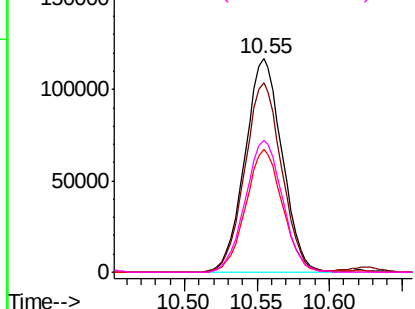
#55
 1,1,2-Trichloroethane
 Concen: 45.341 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	208490
Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.0	108.0
85	57.3	45.8	68.6
99	61.9	51.0	76.4

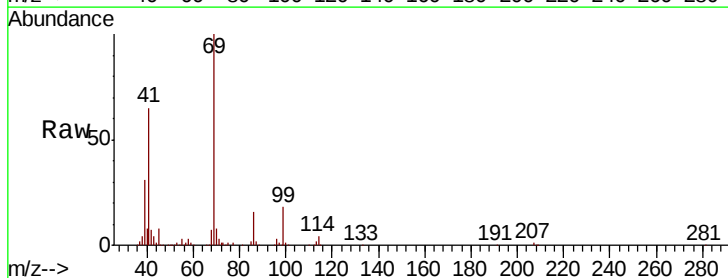


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

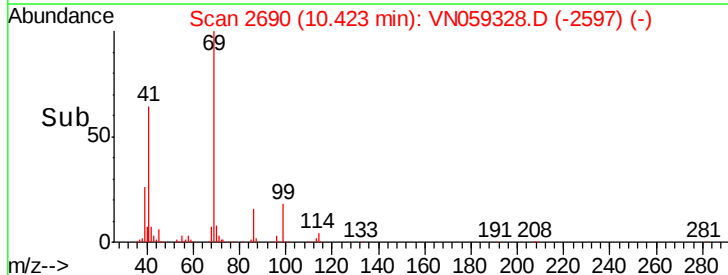
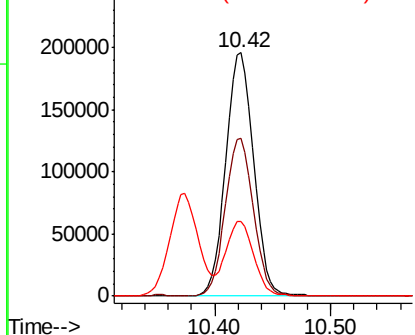


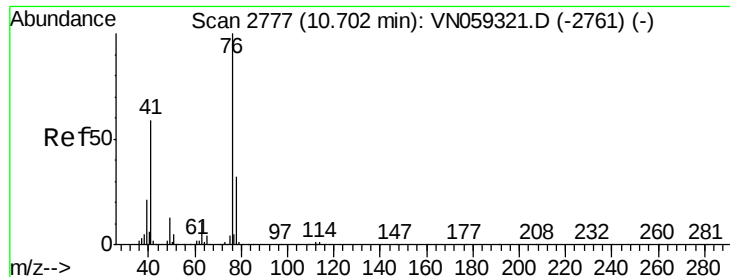
#56
 Ethyl methacrylate
 Concen: 42.343 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion:	69	Resp:	326108
Ion	Ratio	Lower	Upper
69	100		
41	64.7	51.7	77.5
39	30.1	25.2	37.8



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





#57

1,3-Dichloropropane

Concen: 45.140 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

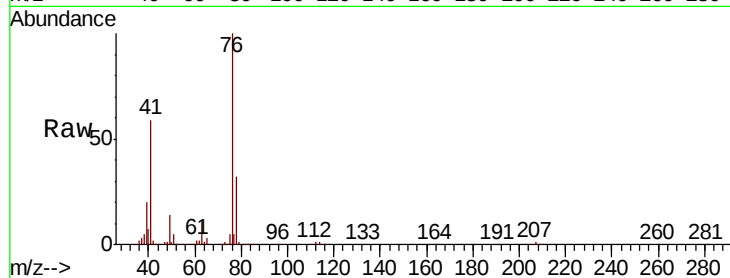
ClientSampleId :

Tot Ion: 76 Resp: 361770

Ion Ratio Lower Upper

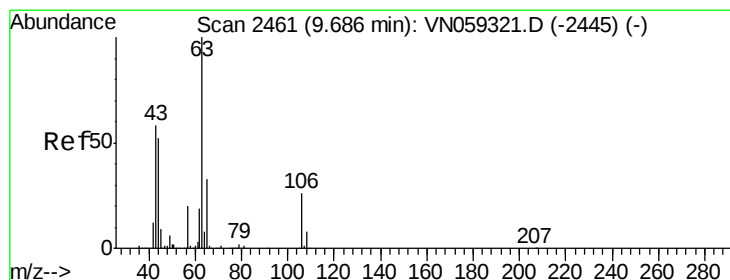
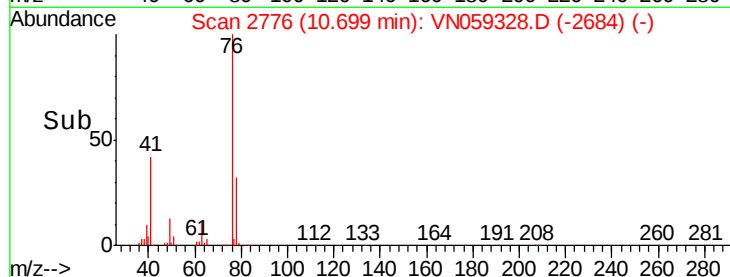
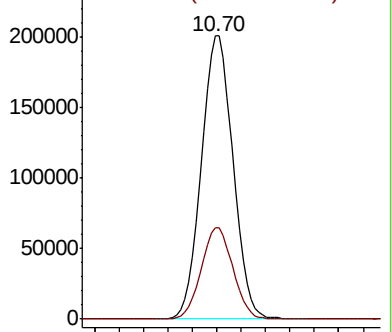
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 191.959 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059328.D

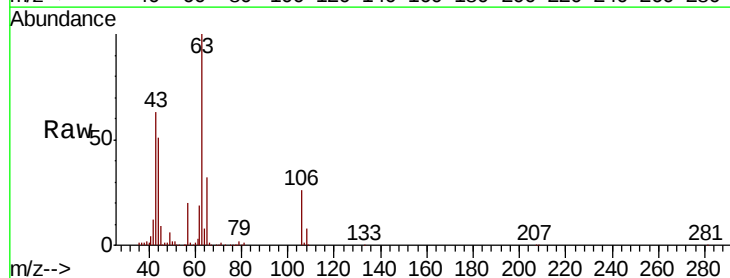
Acq: 21 Nov 2019 12:03

Tgt Ion: 63 Resp: 530592

Ion Ratio Lower Upper

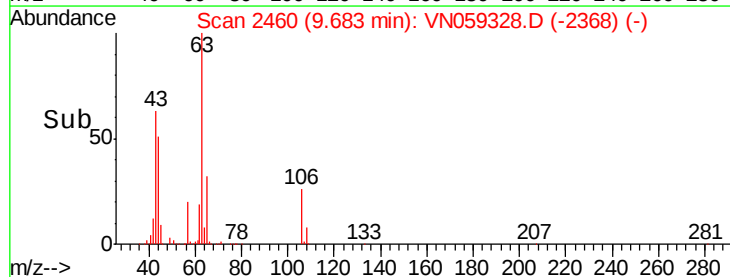
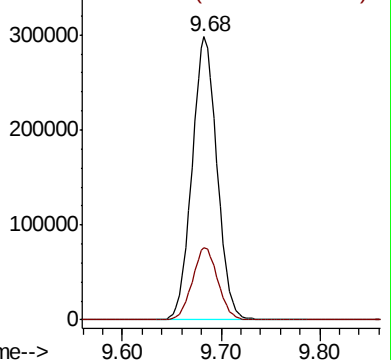
63 100

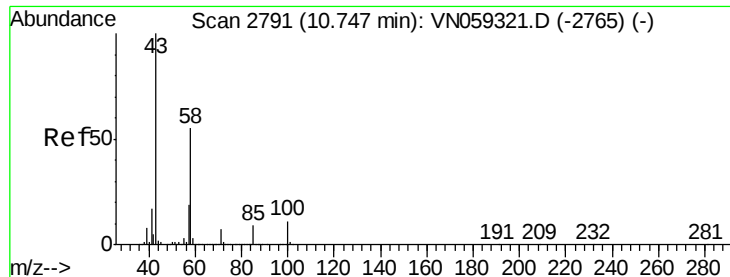
106 25.9 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

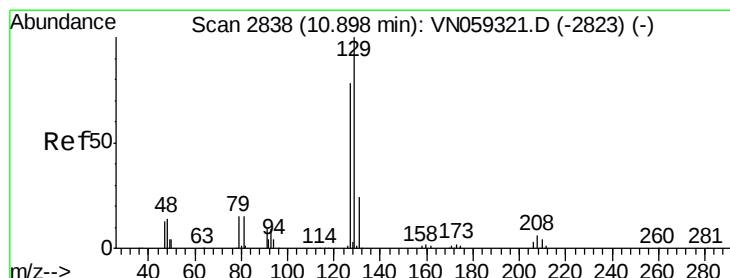
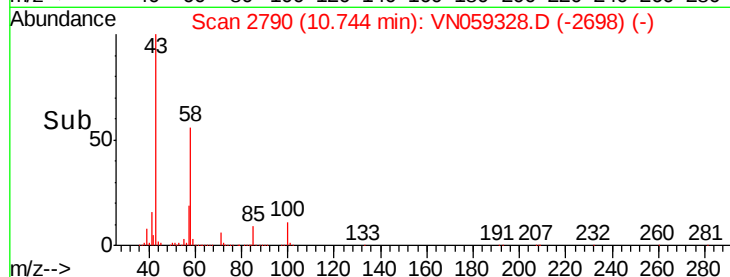
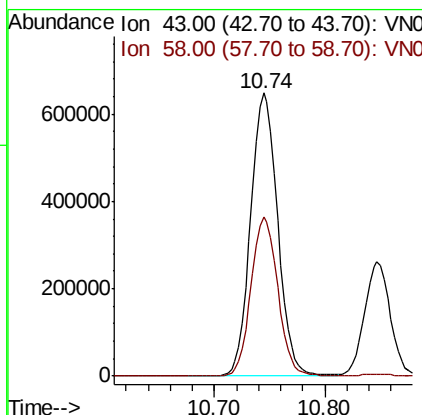
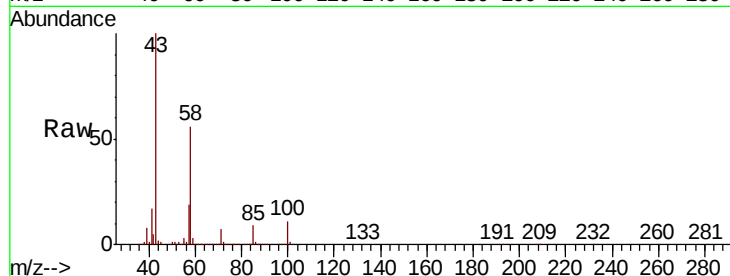




#59
2-Hexanone
Concen: 234.119 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

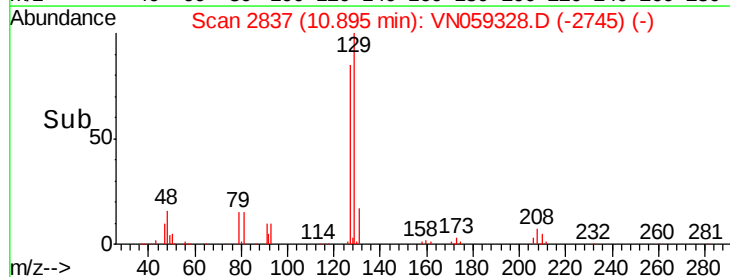
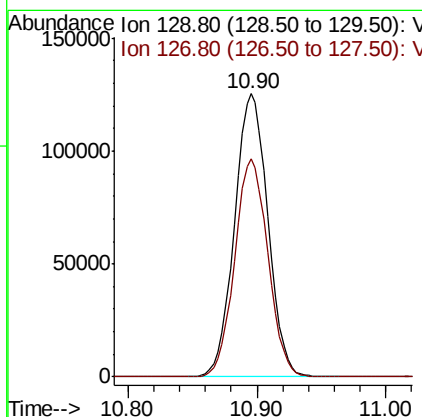
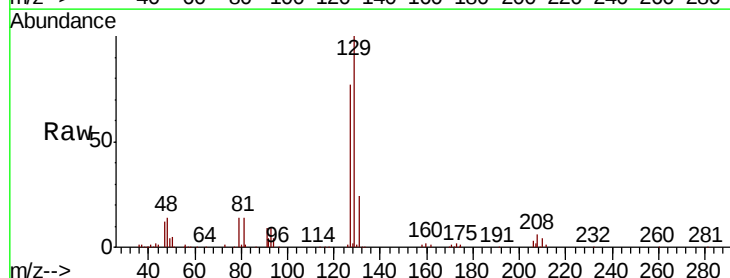
Instrument :
MSVOA_N
ClientSampleId :

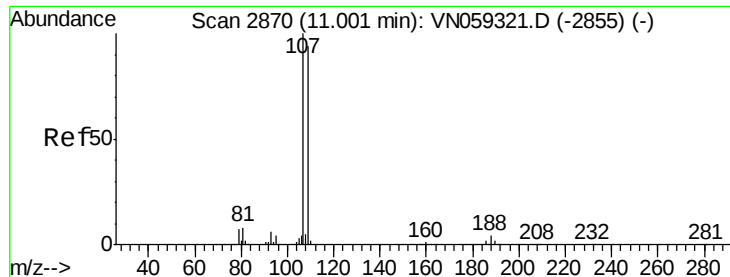
Tot Ion: 43 Resp: 1104471
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0



#60
Dibromochloromethane
Concen: 46.405 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 129 Resp: 224855
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 44.852 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

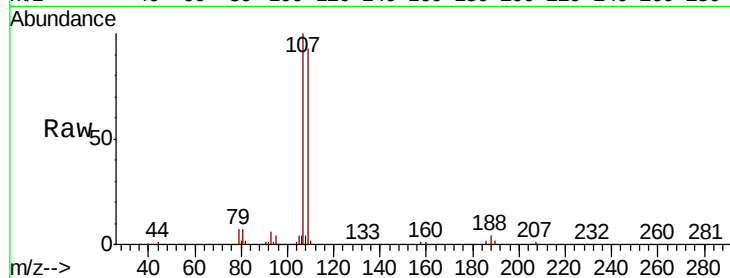
ClientSampleId :

Tot Ion: 107 Resp: 214595

Ion Ratio Lower Upper

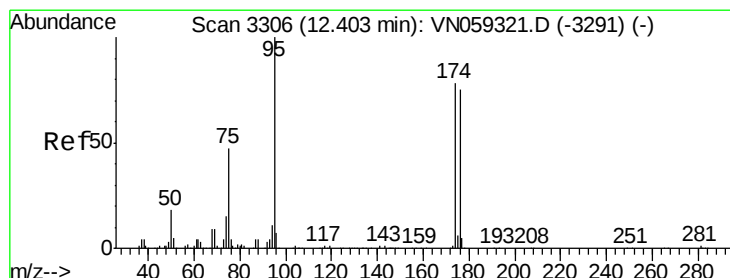
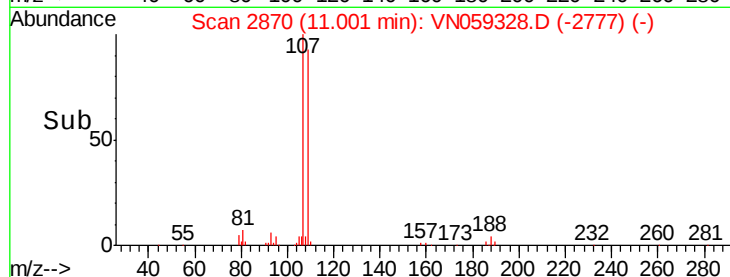
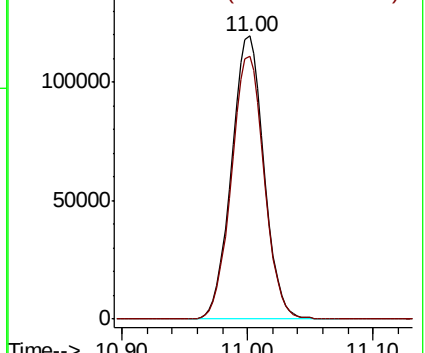
107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

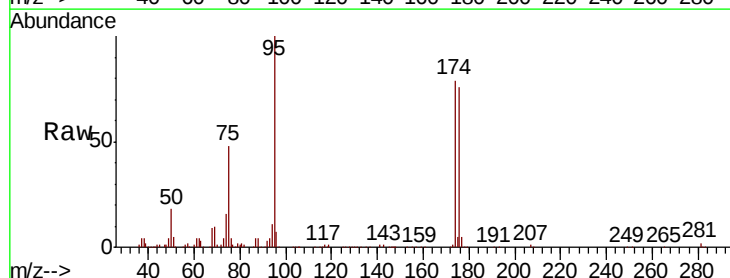
Tgt Ion: 95 Resp: 275256

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.4

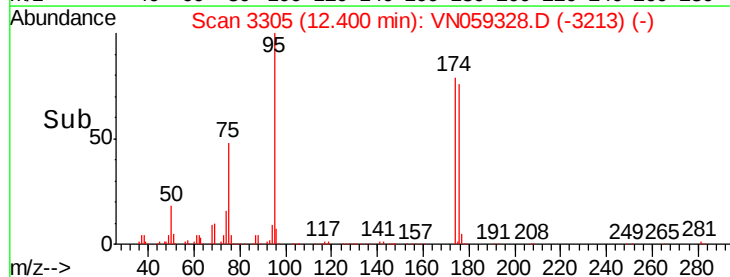
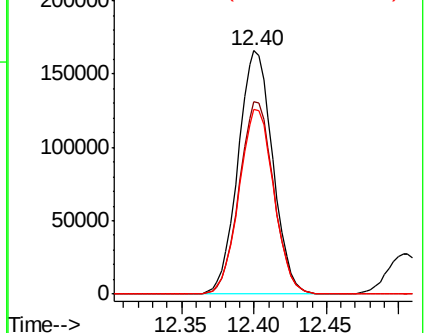
176 76.3 0.0 151.2

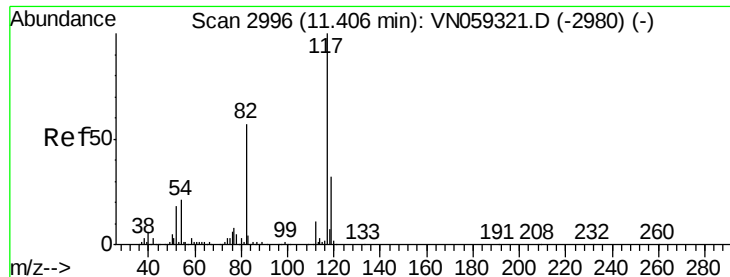


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

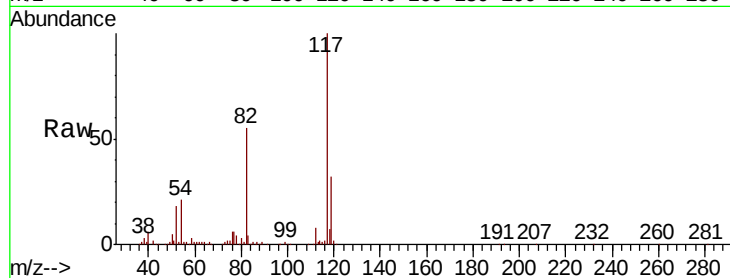
Tot Ion:117 Resp: 578372

Ion Ratio Lower Upper

117 100

82 55.5 45.7 68.5

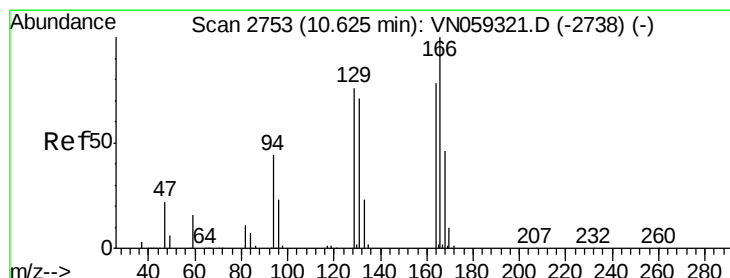
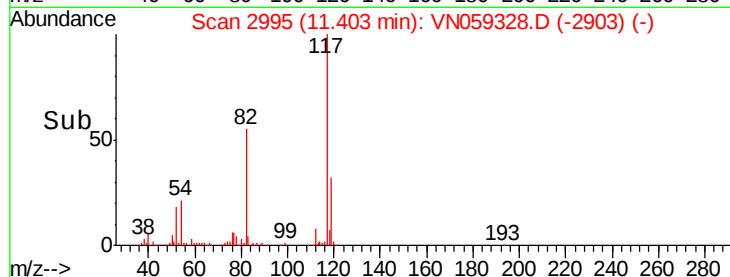
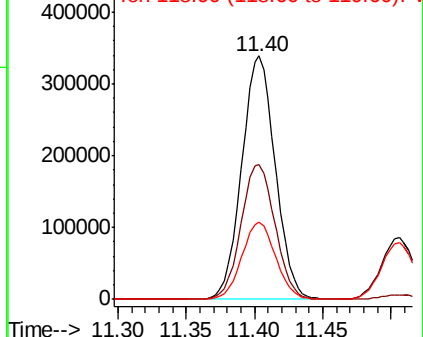
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 43.676 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Tgt Ion:164 Resp: 195371

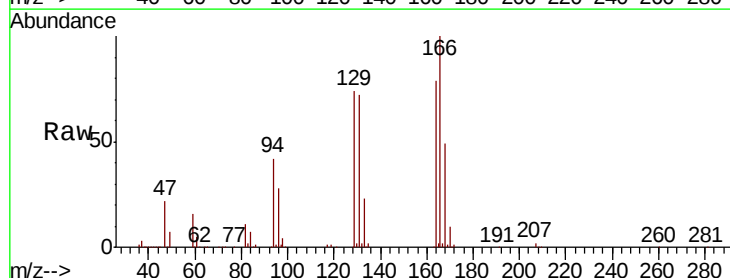
Ion Ratio Lower Upper

164 100

166 126.5 102.9 154.3

129 93.4 78.2 117.2

131 90.9 72.6 109.0

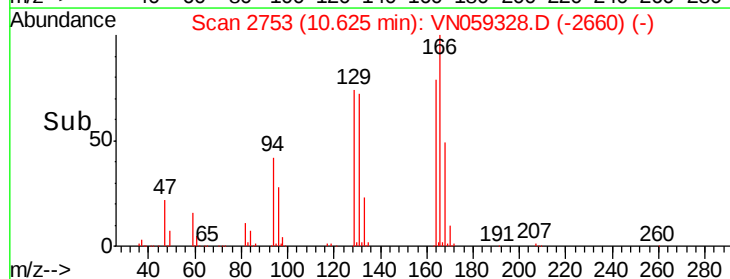
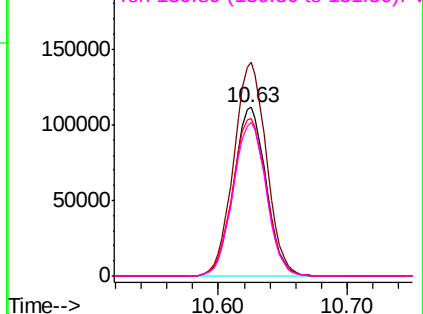


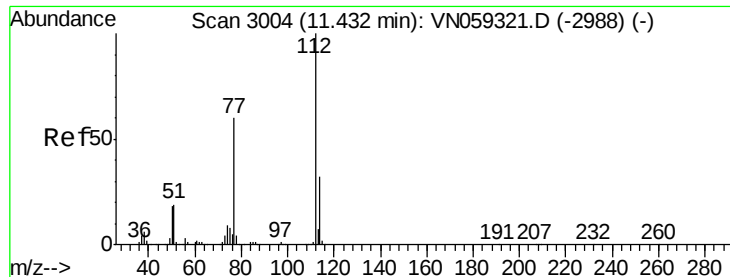
Abundance Ion 163.80 (163.50 to 164.50): V

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

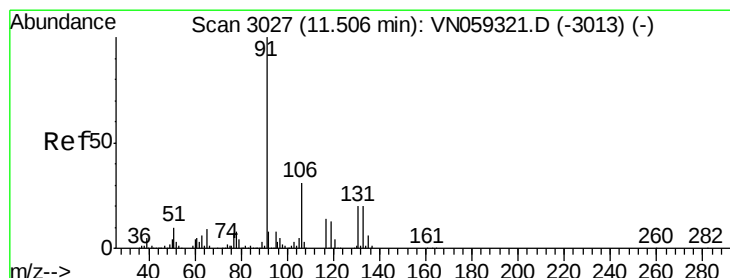
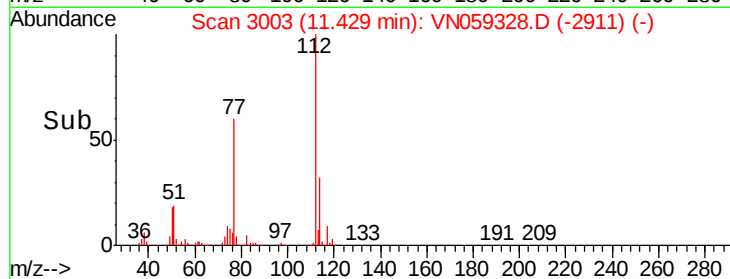
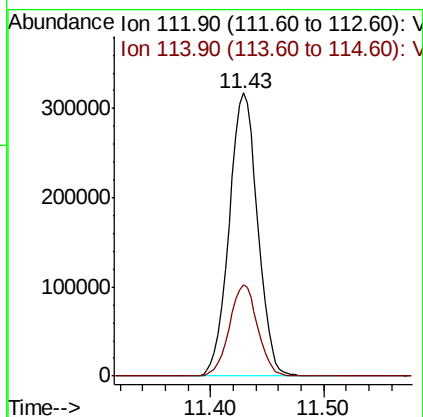
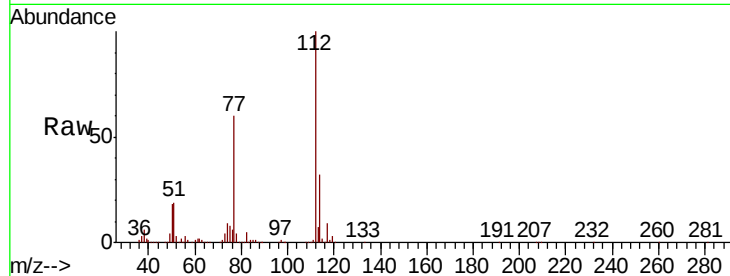




#65
Chlorobenzene
Concen: 44.751 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

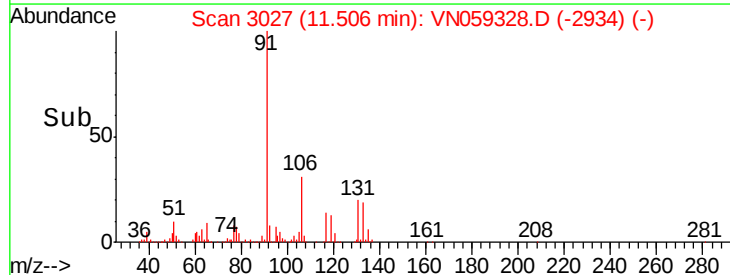
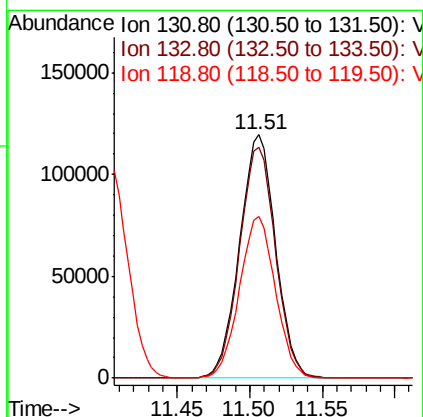
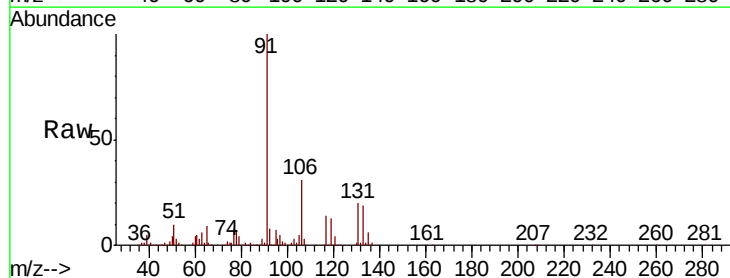
Instrument :
MSVOA_N
ClientSampleId :

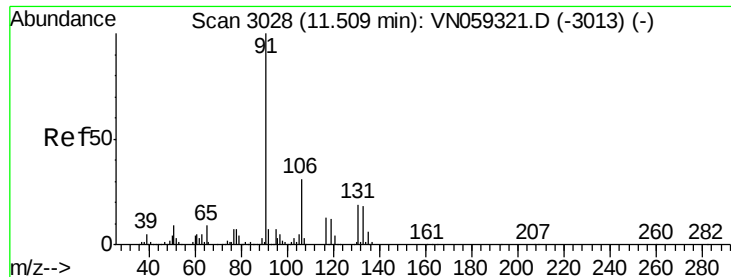
Tot Ion:112 Resp: 556530
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.635 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion:131 Resp: 206176
Ion Ratio Lower Upper
131 100
133 95.0 48.2 144.6
119 66.5 33.6 100.6





#67

Ethyl Benzene

Concen: 45.877 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

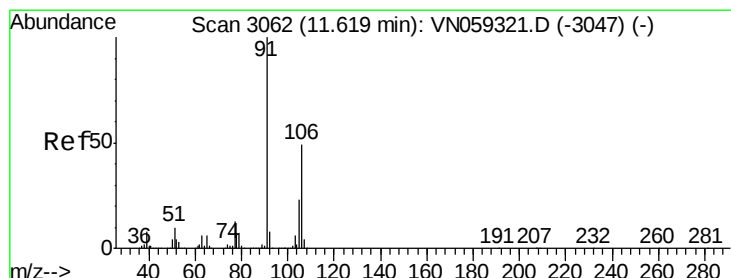
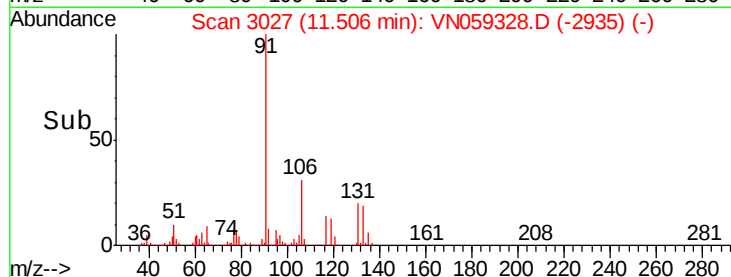
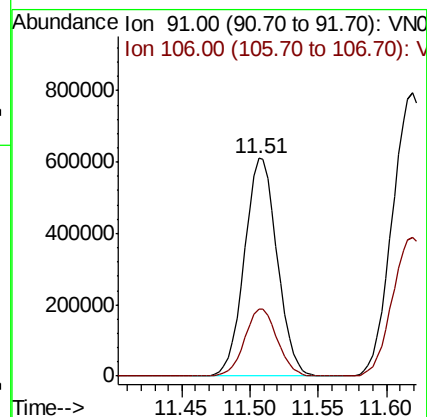
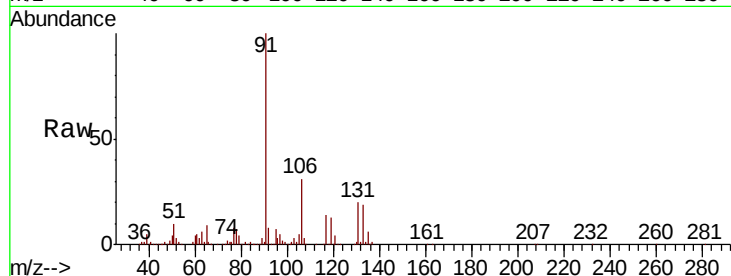
ClientSampled :

Tot Ion: 91 Resp: 1018697

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 92.001 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059328.D

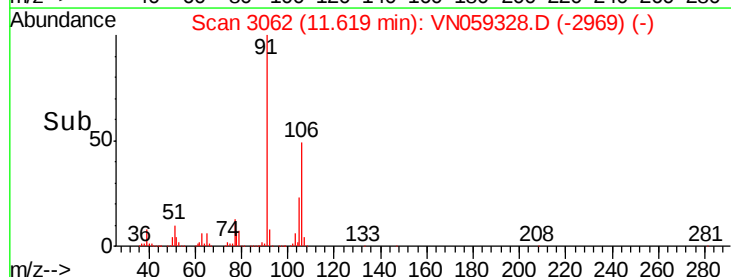
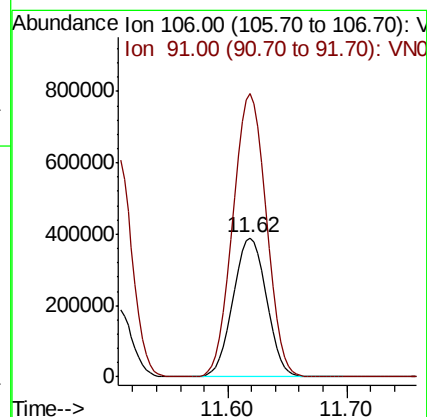
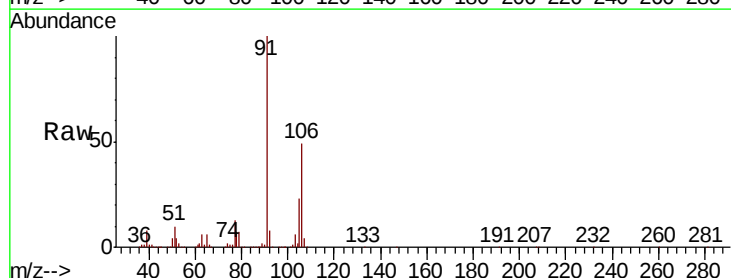
Acq: 21 Nov 2019 12:03

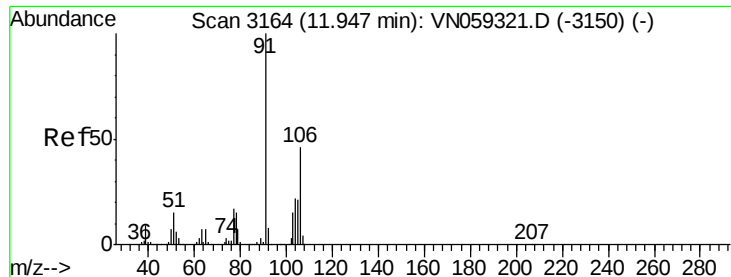
Tgt Ion: 106 Resp: 759092

Ion Ratio Lower Upper

106 100

91 203.7 163.2 244.8

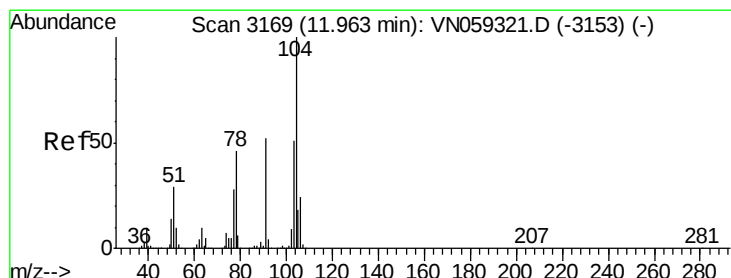
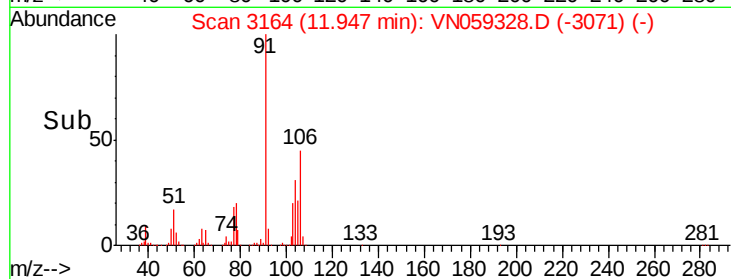
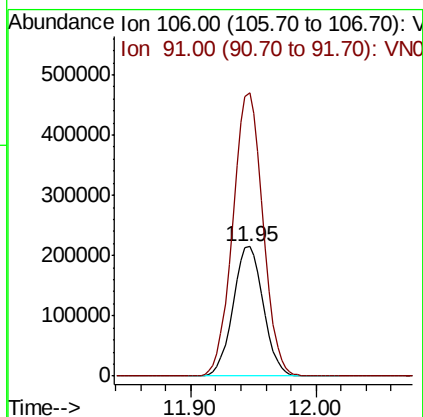
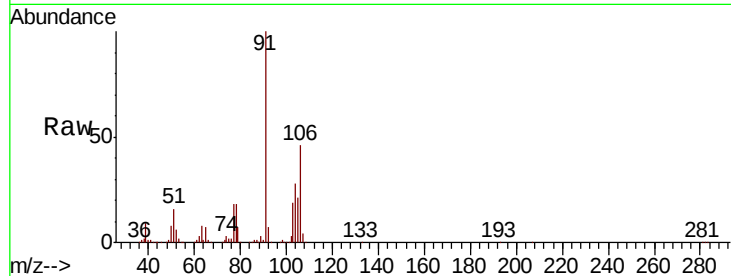




#69
o-Xylene
Concen: 45.607 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

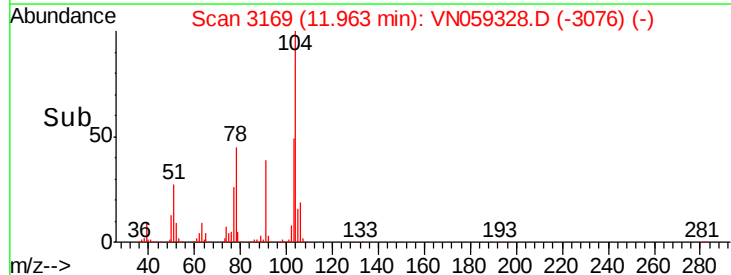
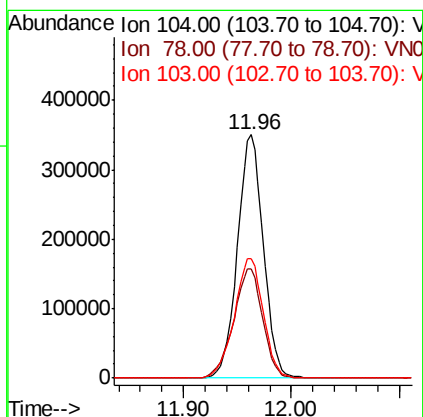
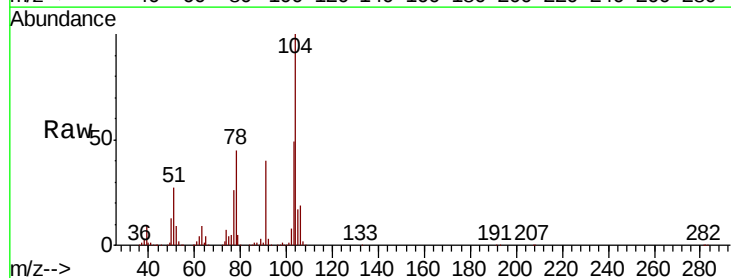
Instrument :
MSVOA_N
ClientSampled :

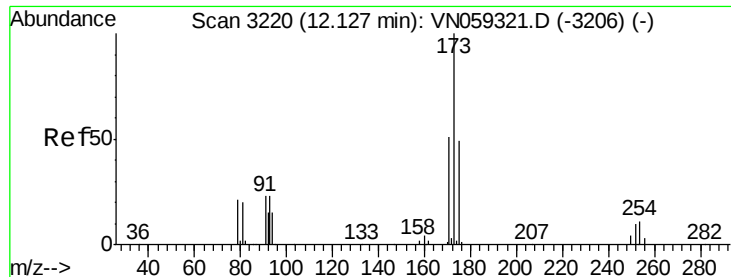
Tot Ion:106 Resp: 360251
Ion Ratio Lower Upper
106 100
91 217.4 109.3 327.9



#70
Styrene
Concen: 47.131 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion:104 Resp: 587437
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 54.8 43.6 65.4





#71

Bromoform

Concen: 46.789 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

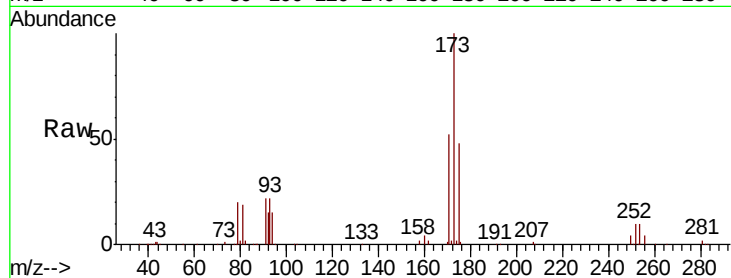
Tot Ion:173 Resp: 160092

Ion Ratio Lower Upper

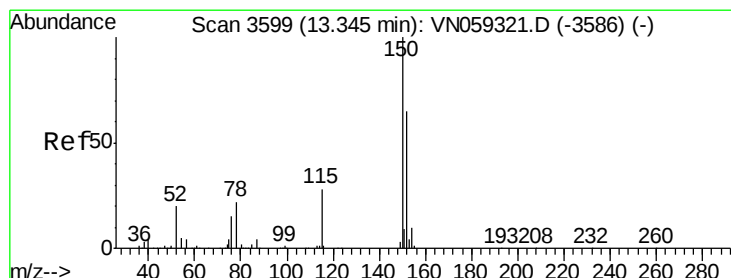
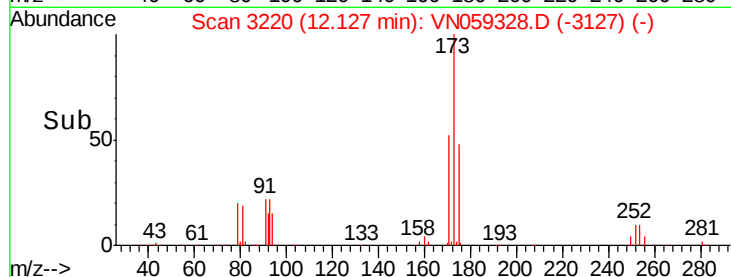
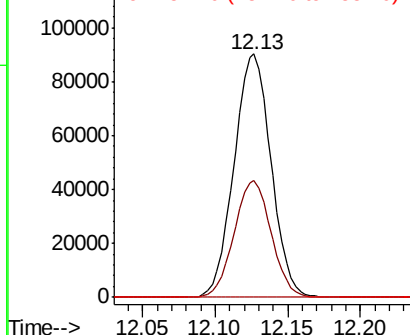
173 100

175 47.9 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

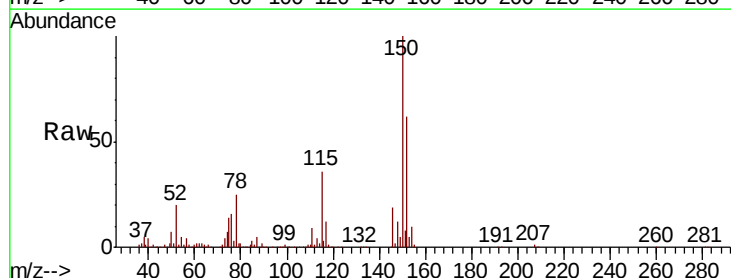
Tgt Ion:152 Resp: 269558

Ion Ratio Lower Upper

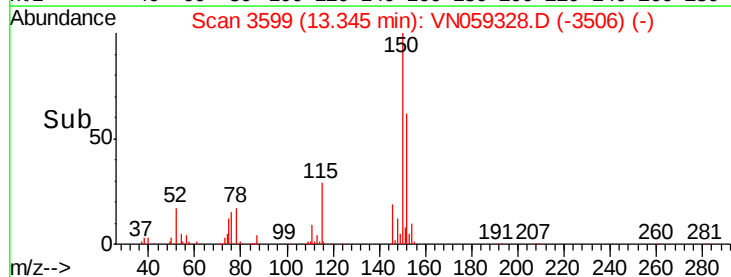
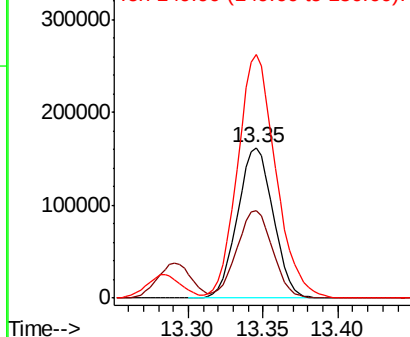
152 100

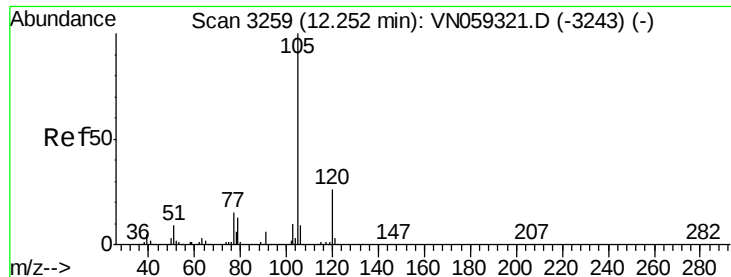
115 58.3 29.3 88.0

150 173.2 0.0 346.0



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





#73

Isopropylbenzene

Concen: 44.200 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

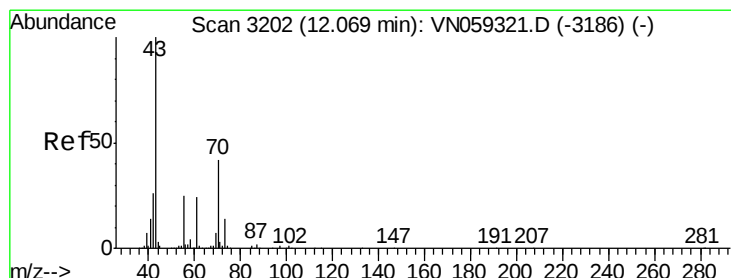
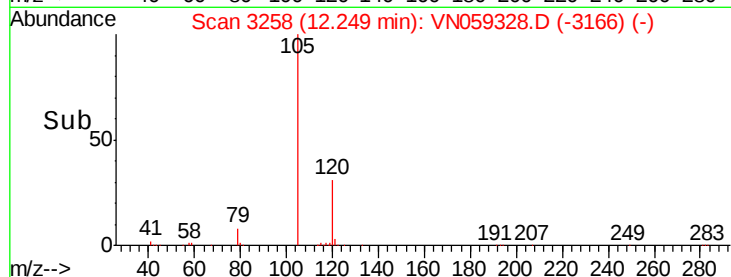
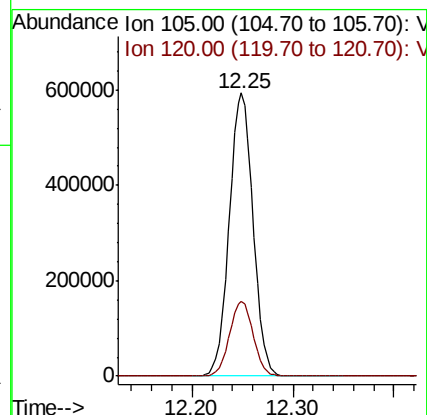
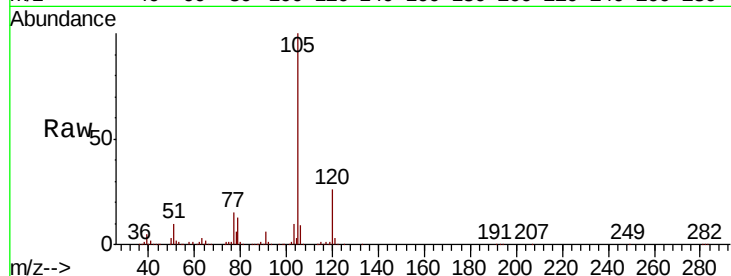
ClientSampleId :

Tot Ion:105 Resp: 976012

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 43.457 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Tgt Ion: 43 Resp: 385653

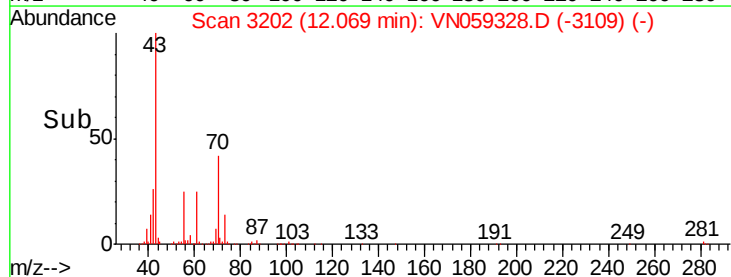
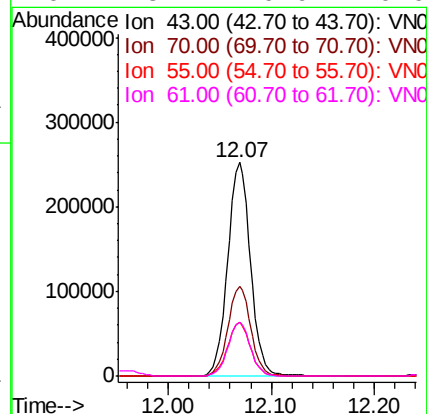
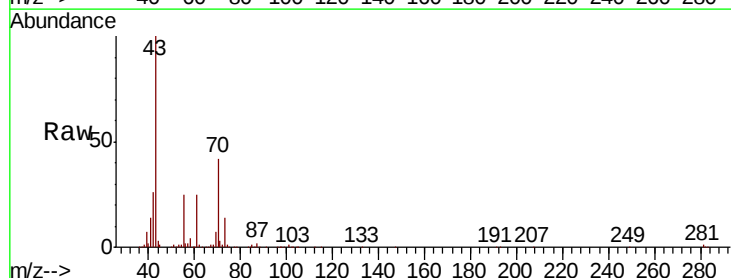
Ion Ratio Lower Upper

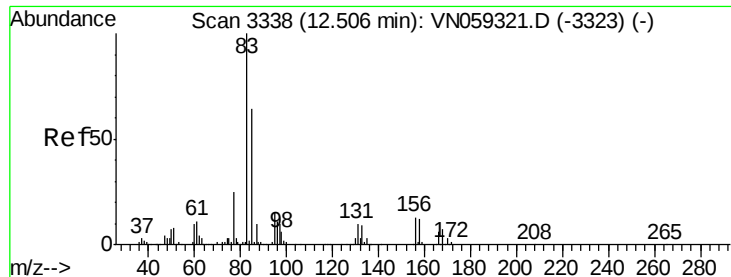
43 100

70 42.2 33.8 50.6

55 25.3 20.3 30.5

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 41.743 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

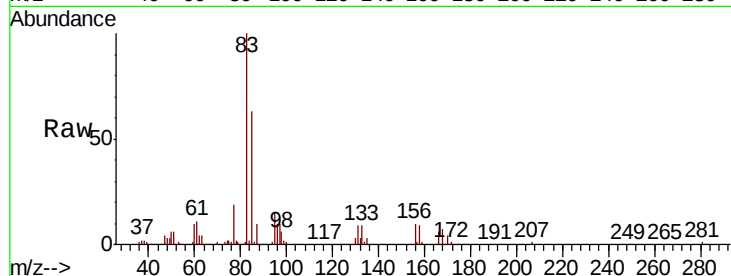
Tot Ion: 83 Resp: 304914

Ion Ratio Lower Upper

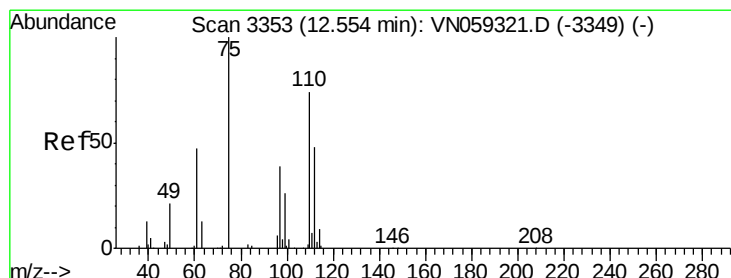
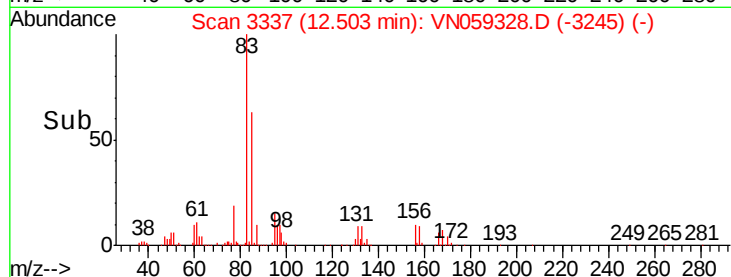
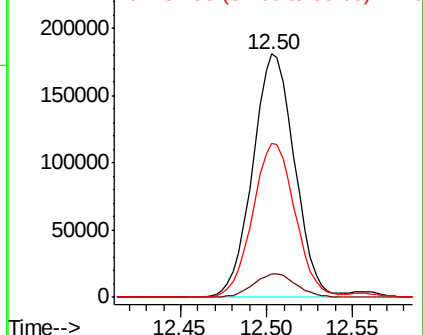
83 100

131 9.9 5.0 14.9

85 64.0 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 65.740 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059328.D

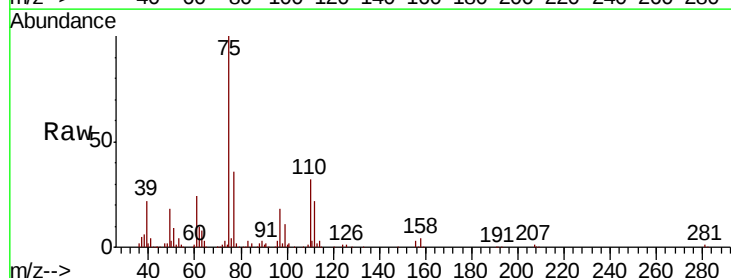
Acq: 21 Nov 2019 12:03

Tgt Ion: 75 Resp: 409393

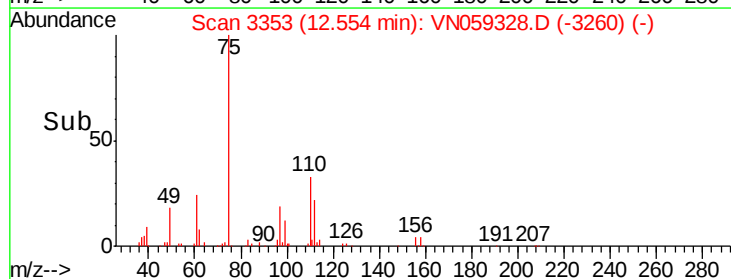
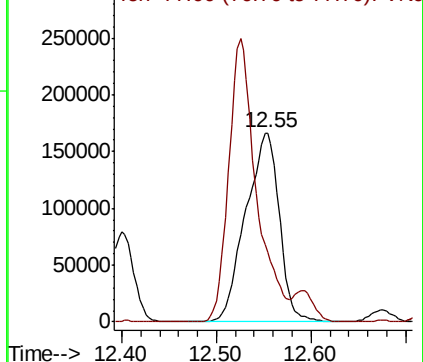
Ion Ratio Lower Upper

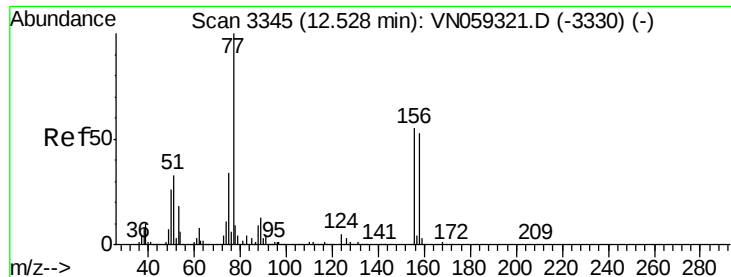
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 43.174 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

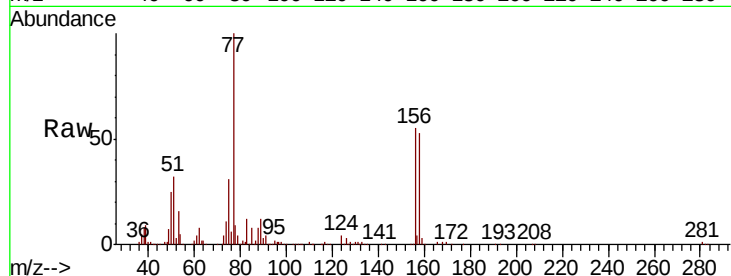
Tot Ion:156 Resp: 231238

Ion Ratio Lower Upper

156 100

77 220.2 111.1 333.4

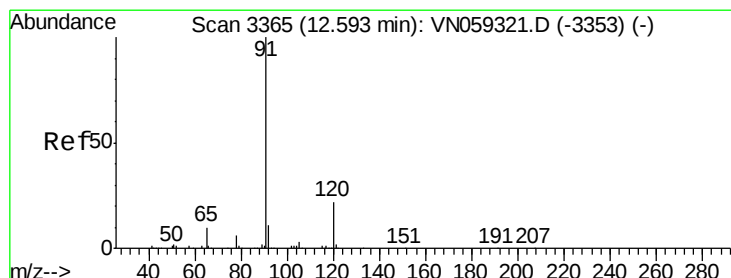
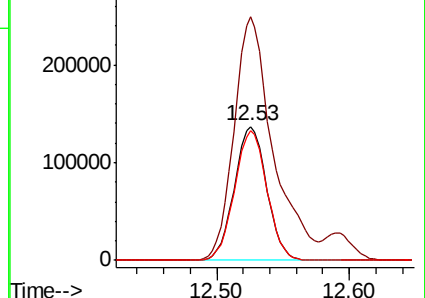
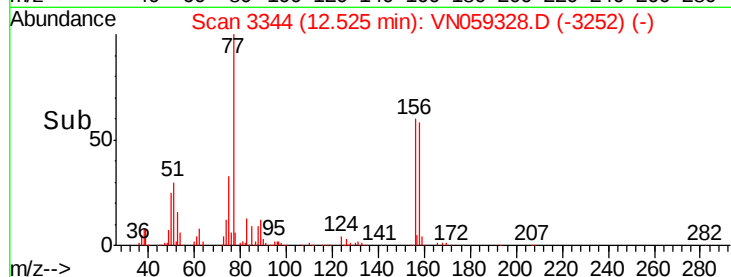
158 97.5 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.056 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059328.D

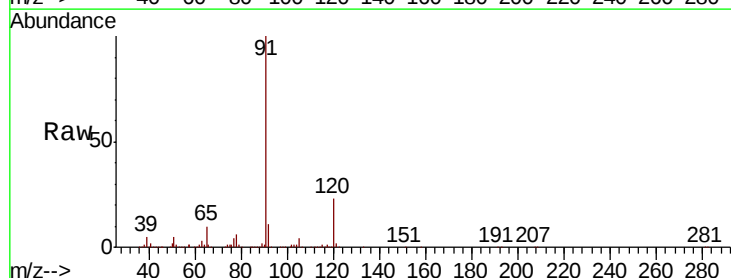
Acq: 21 Nov 2019 12:03

Tgt Ion: 91 Resp: 1126998

Ion Ratio Lower Upper

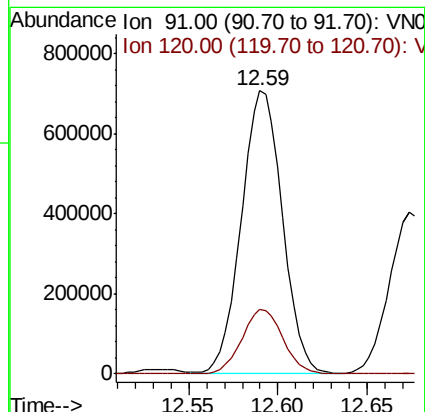
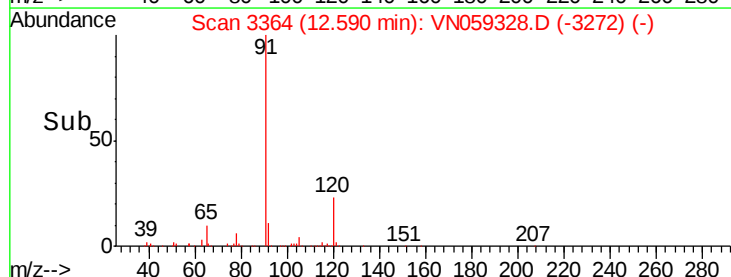
91 100

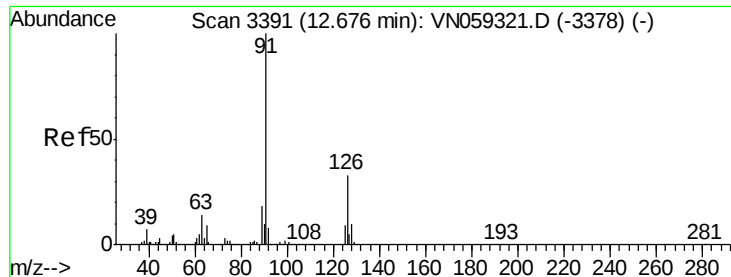
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.360 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

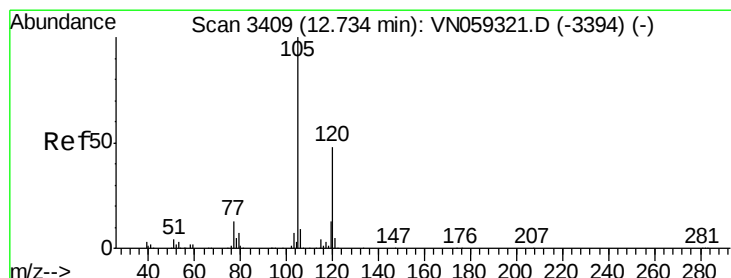
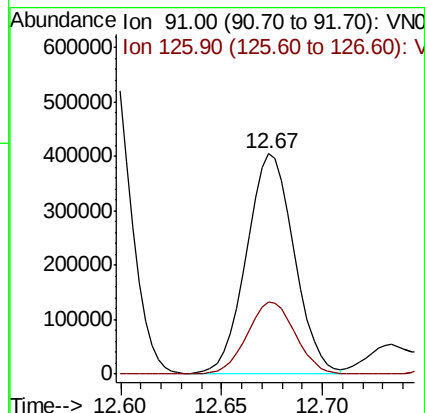
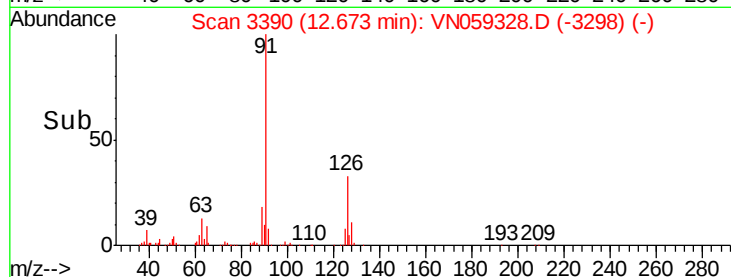
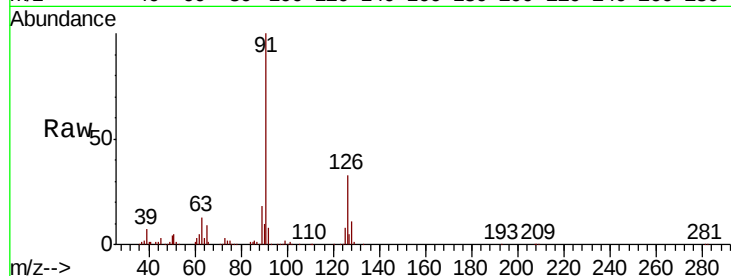
ClientSampleId :

Tot Ion: 91 Resp: 665704

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 44.368 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059328.D

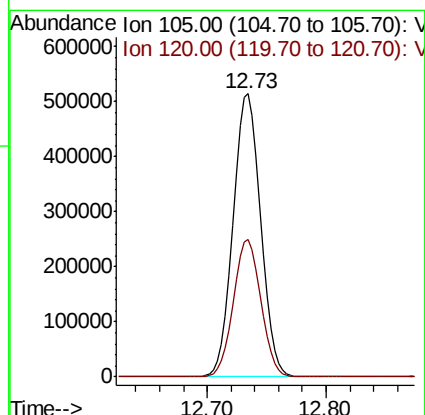
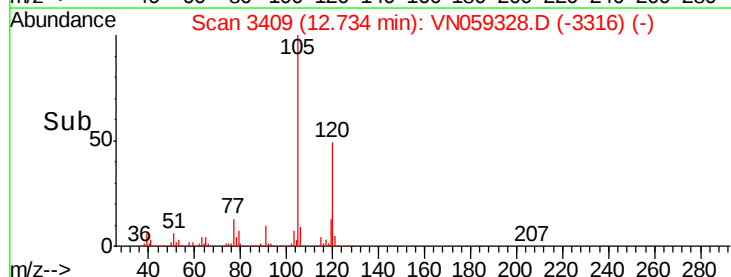
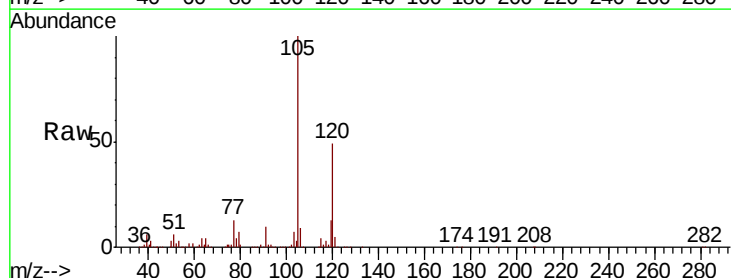
Acq: 21 Nov 2019 12:03

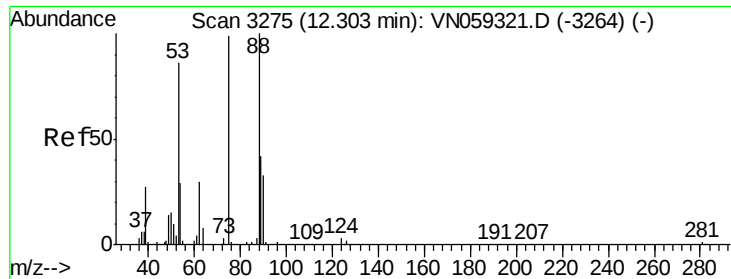
Tgt Ion: 105 Resp: 823587

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.716 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

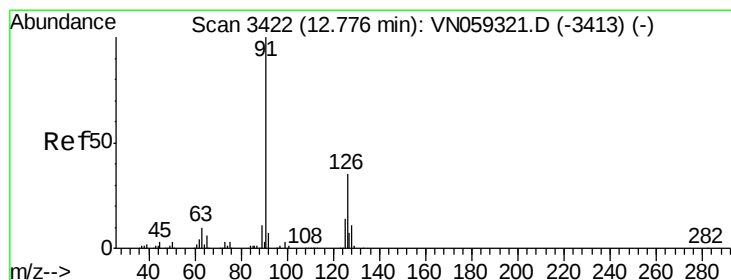
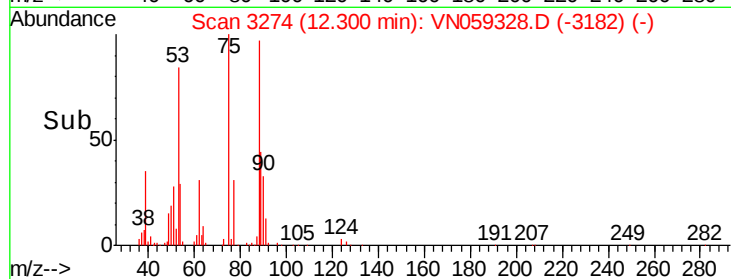
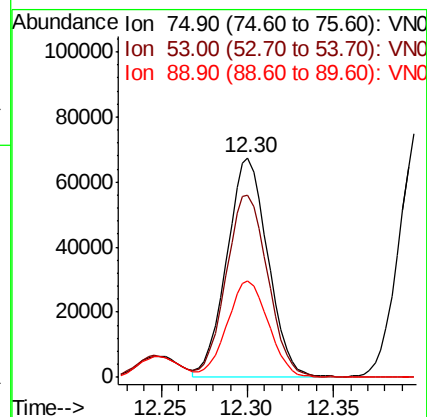
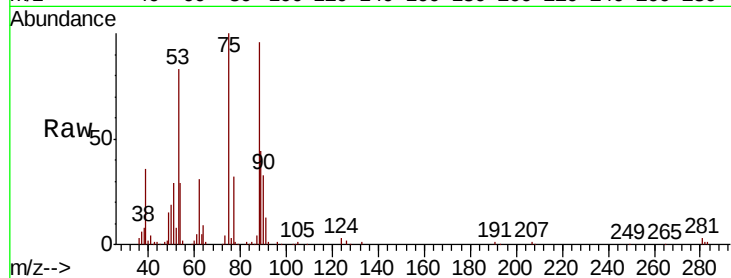
Tot Ion: 75 Resp: 111334

Ion Ratio Lower Upper

75 100

53 84.6 70.7 106.1

89 44.6 35.4 53.0



#82

4-Chlorotoluene

Concen: 43.206 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059328.D

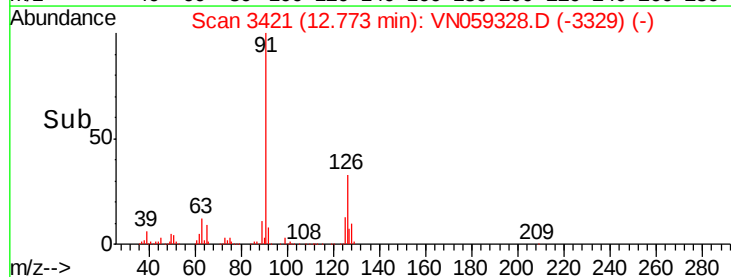
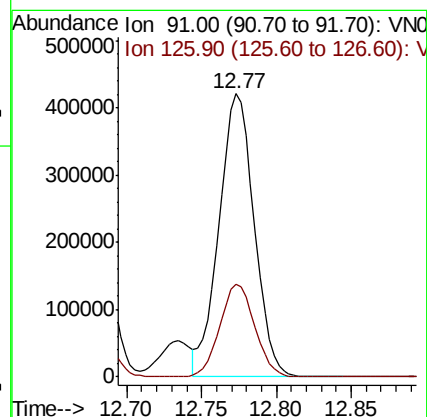
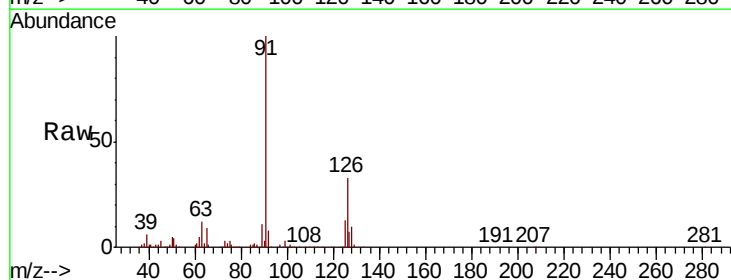
Acq: 21 Nov 2019 12:03

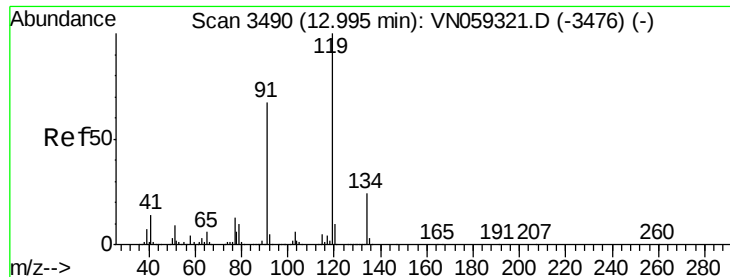
Tgt Ion: 91 Resp: 686449

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.6

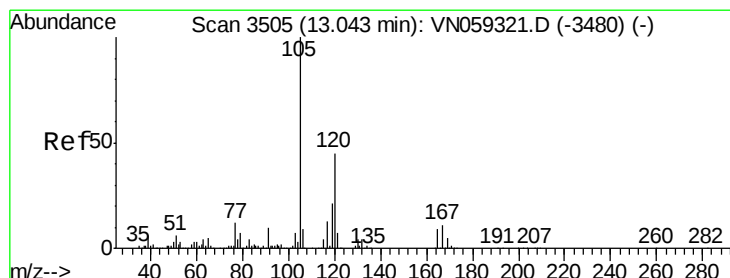
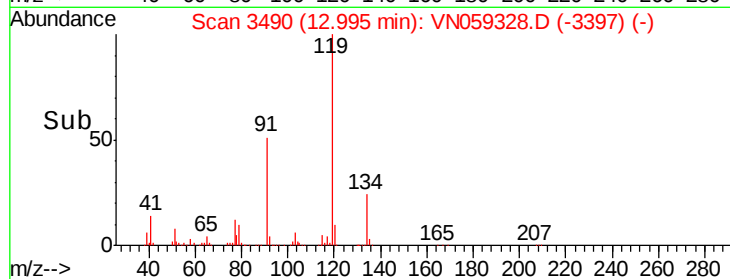
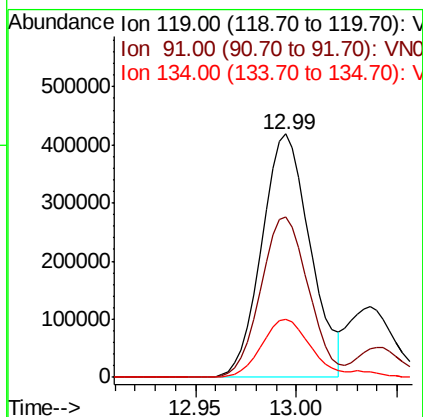
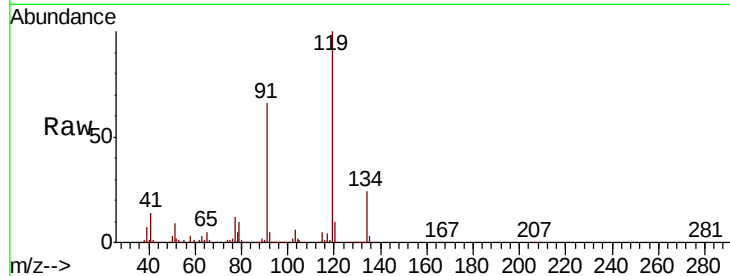




#83
tert-Butylbenzene
Concen: 44.699 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

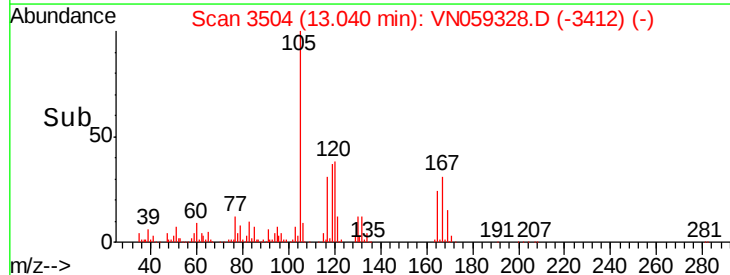
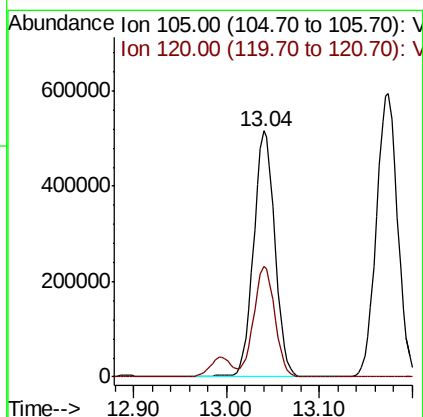
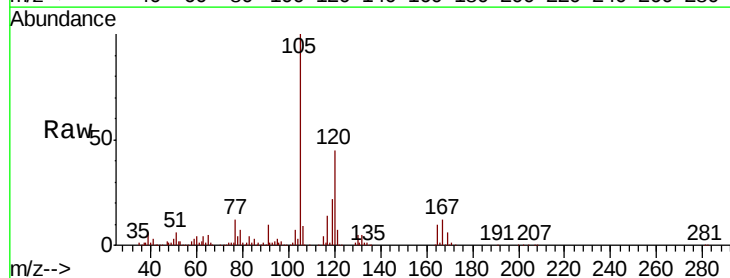
Instrument :
MSVOA_N
ClientSampleId :

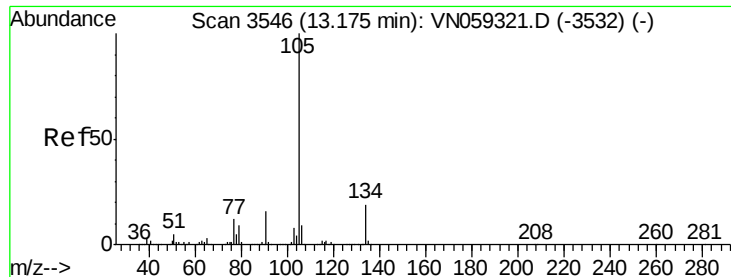
Tot Ion:119 Resp: 700763
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.4
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 45.009 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion:105 Resp: 818431
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 44.732 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

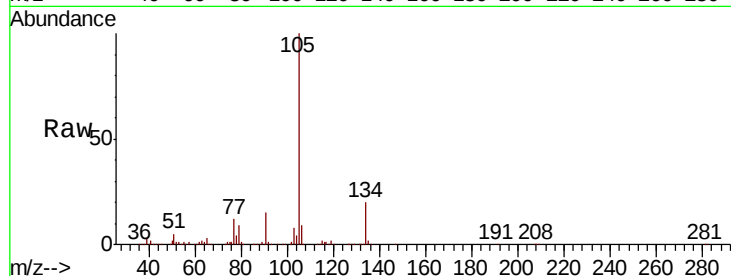
ClientSampled :

Tot Ion:105 Resp: 942572

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

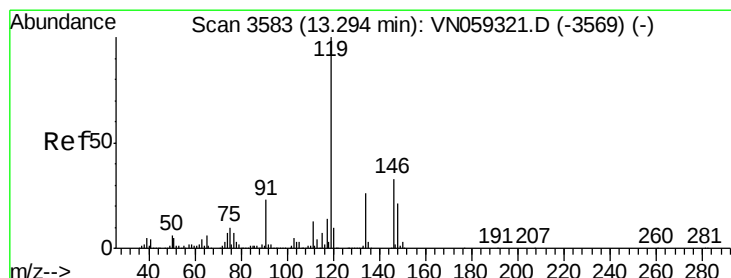
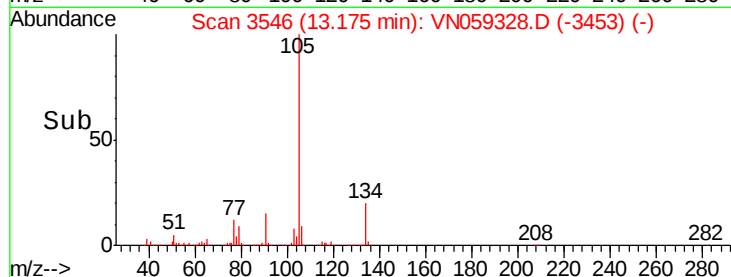
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.634 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

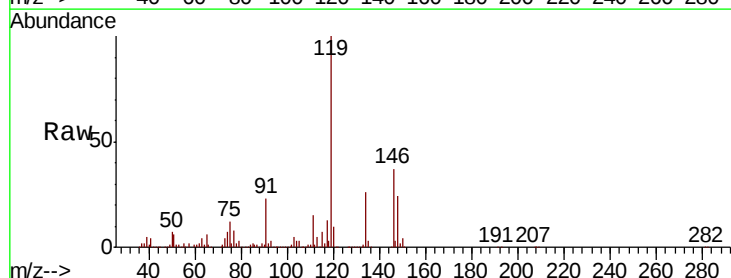
Tgt Ion:119 Resp: 855660

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.1 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

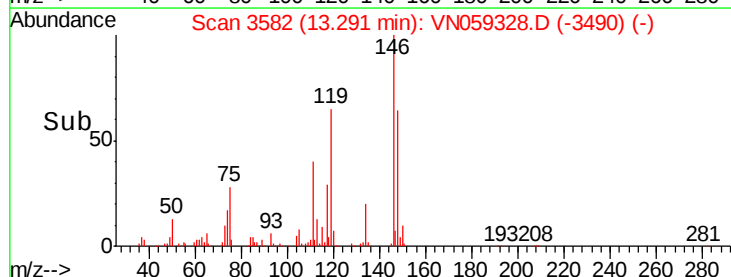
600000

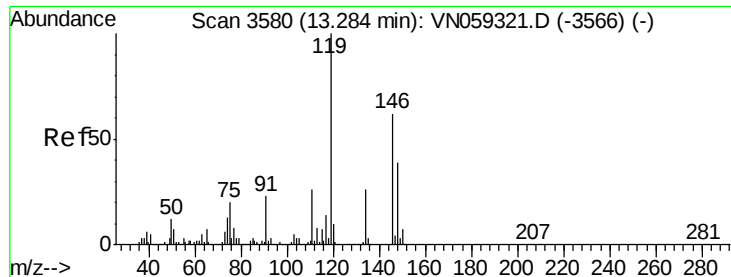
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 43.381 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

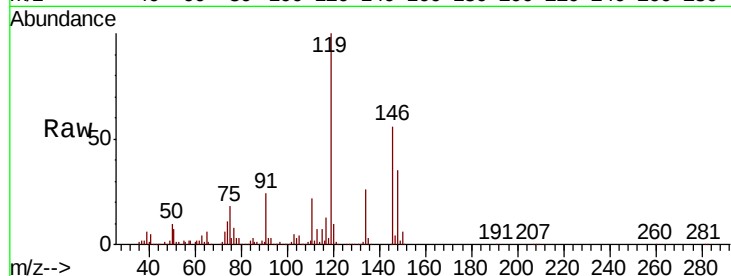
Tot Ion:146 Resp: 413775

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

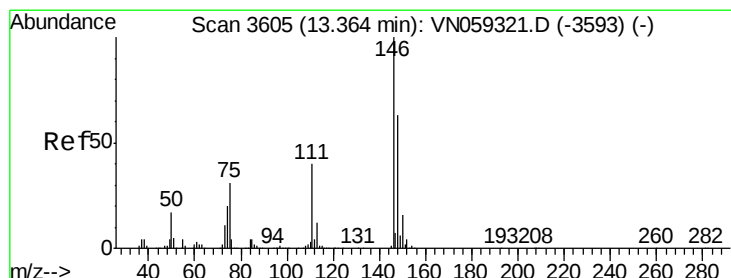
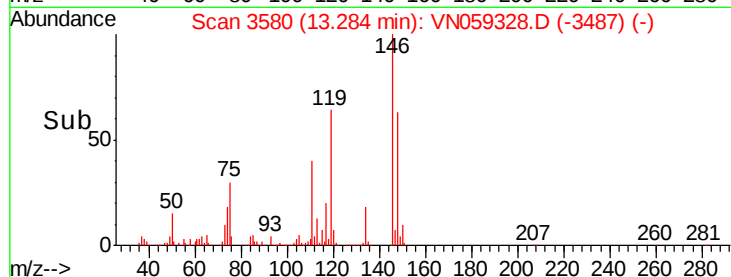
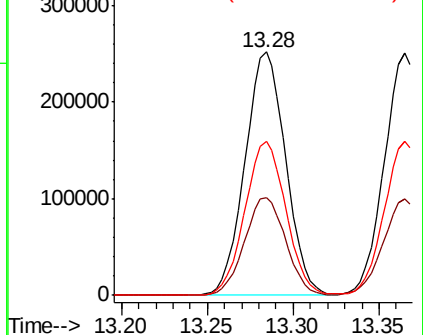
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 43.231 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

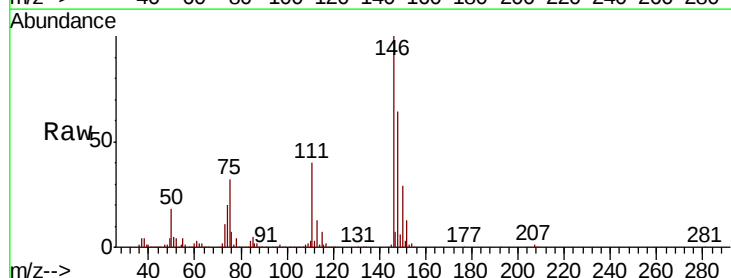
Tgt Ion:146 Resp: 407975

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.3

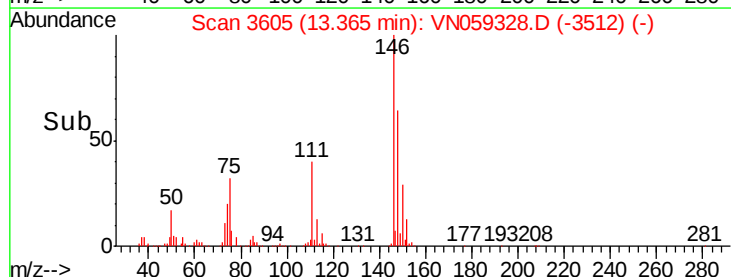
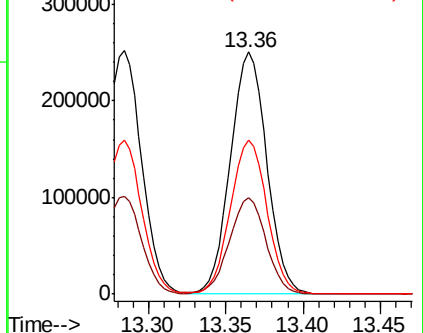
148 64.1 31.7 95.1

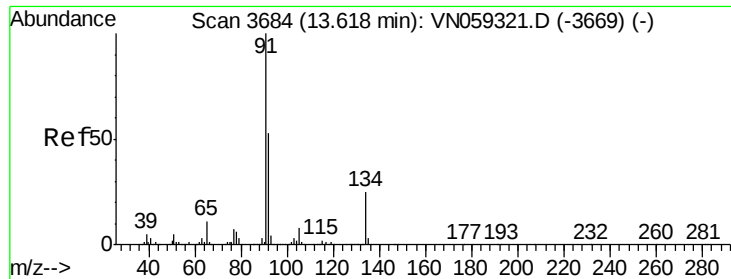


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

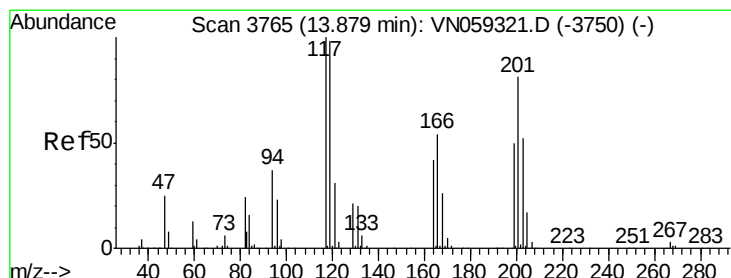
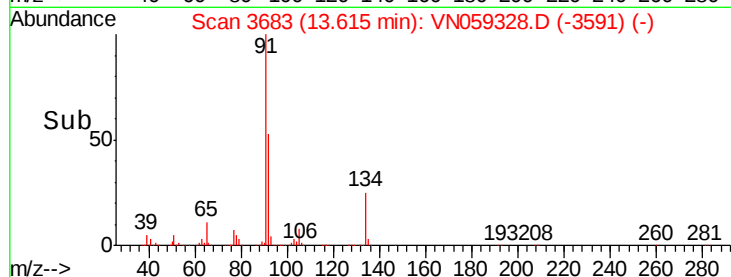
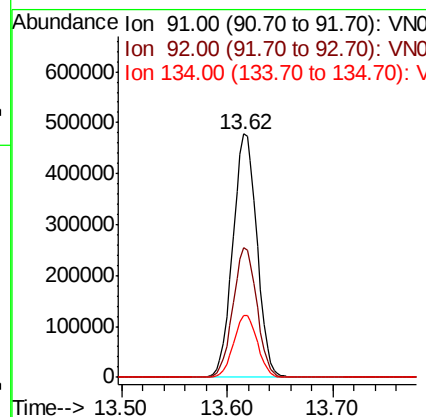
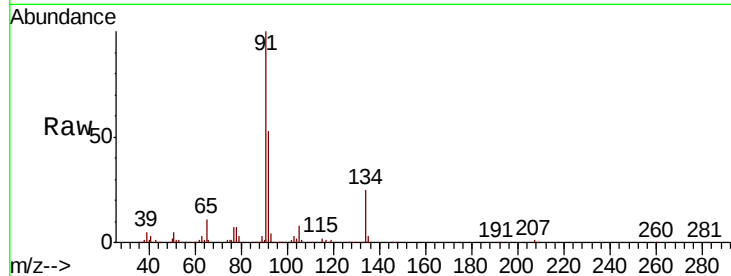




#89
n-Butylbenzene
Concen: 45.804 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

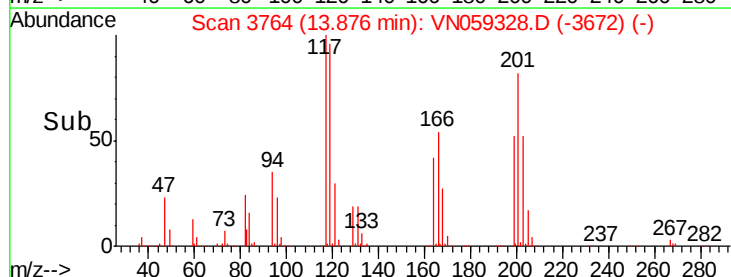
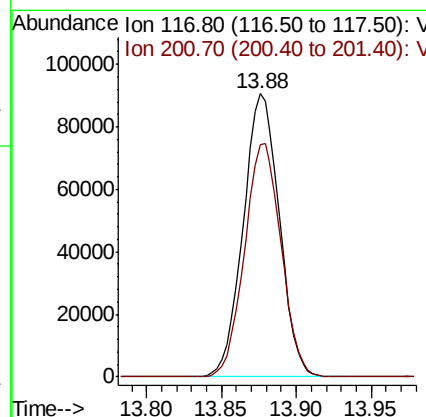
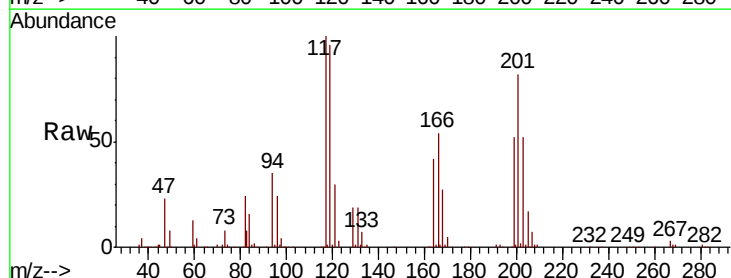
Instrument :
MSVOA_N
ClientSampled :

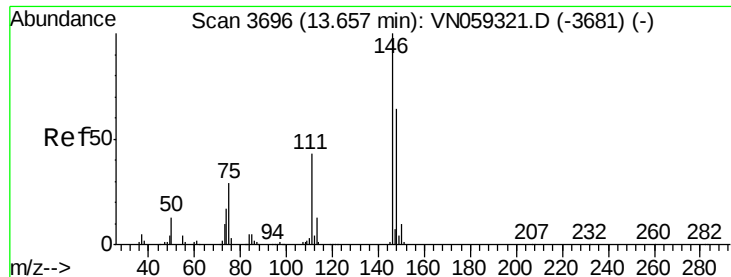
Tot Ion: 91 Resp: 753405
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 25.5 12.7 38.1



#90
Hexachloroethane
Concen: 42.804 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059328.D
Acq: 21 Nov 2019 12:03

Tgt Ion: 117 Resp: 152000
Ion Ratio Lower Upper
117 100
201 83.4 40.4 121.2

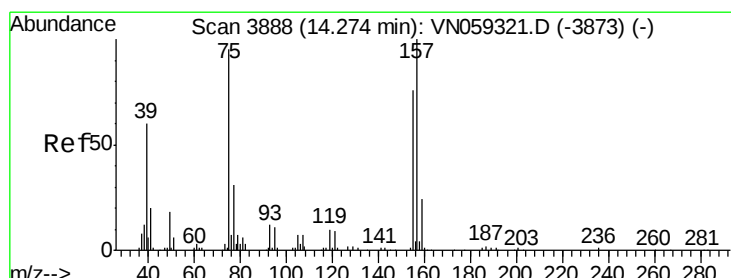
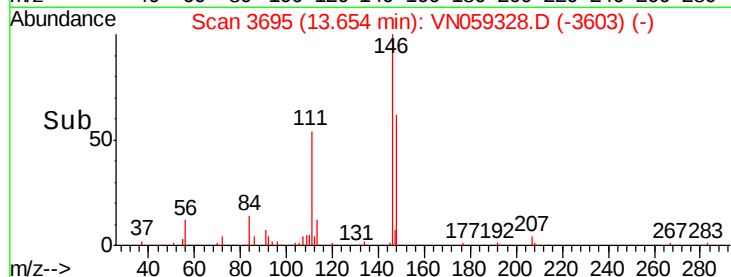
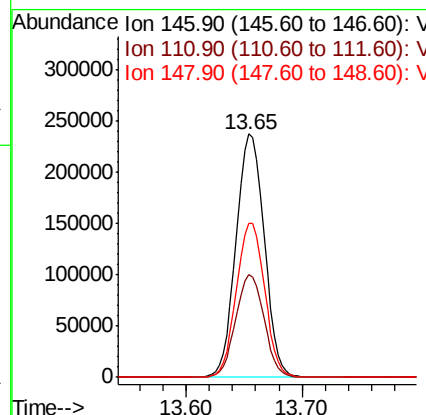
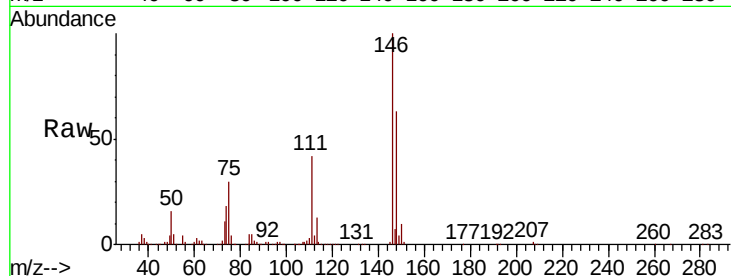




#91
 1,2-Dichlorobenzene
 Concen: 43.354 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

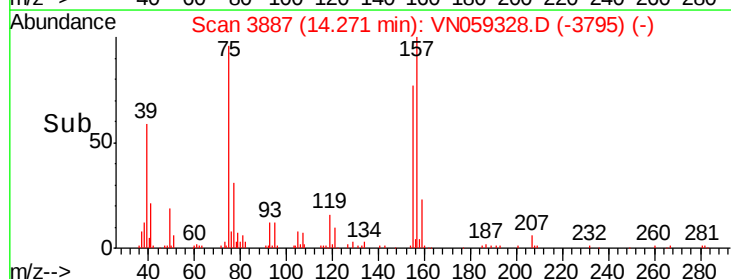
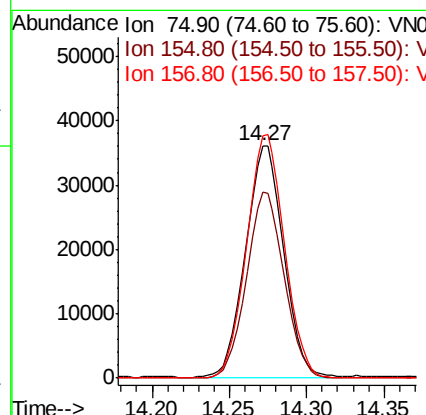
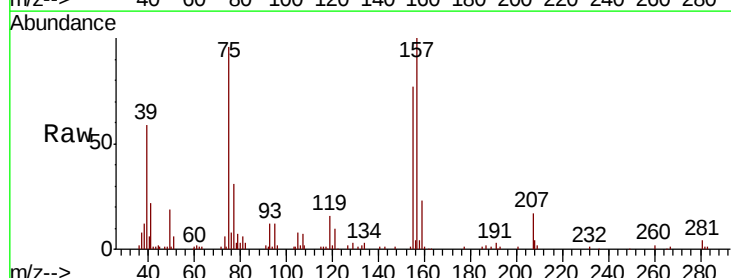
Instrument :
 MSVOA_N
 ClientSampleId :

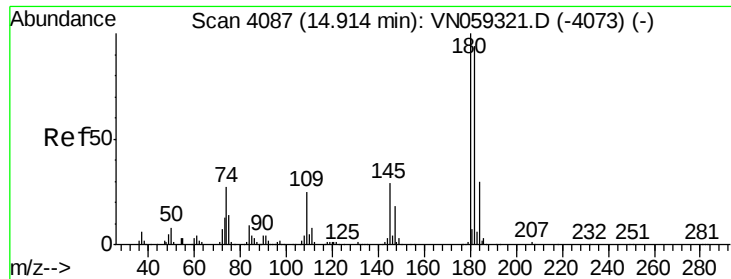
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	64.0
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.106 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	40.5	121.5
157	103.2	52.7	158.1

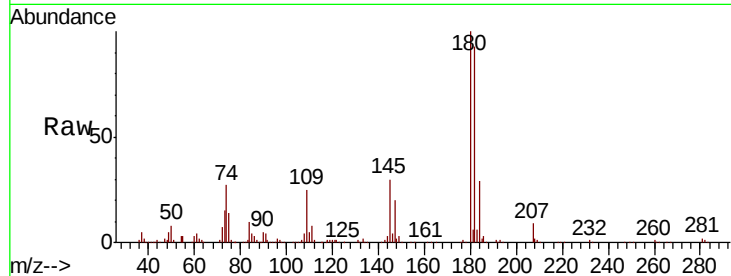




#93
 1,2,4-Trichlorobenzene
 Concen: 43.182 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.2	141.6
145	30.5	14.9	44.5

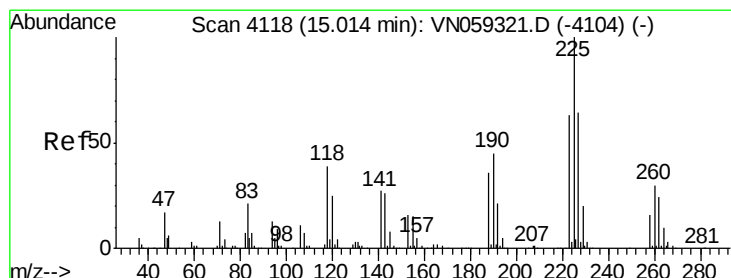
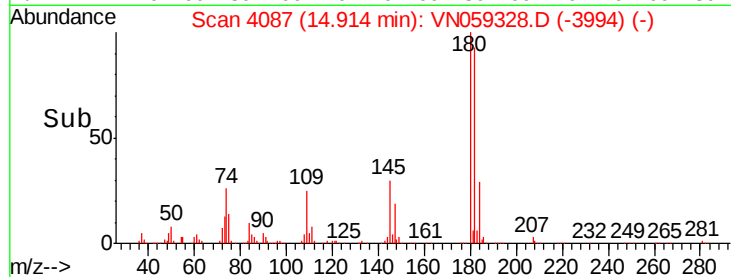
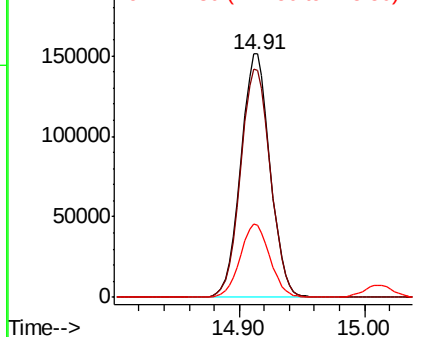


Abundance

Ion 179.80 (179.50 to 180.50): V

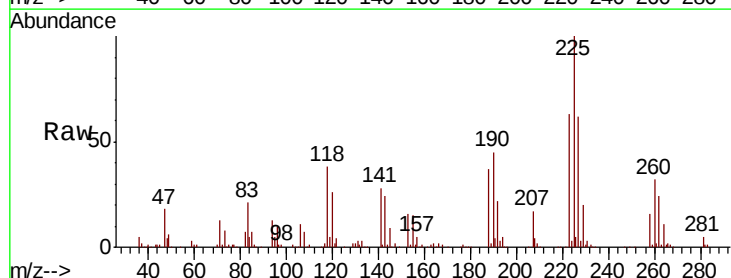
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 41.940 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059328.D
 Acq: 21 Nov 2019 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	63.1	32.6	97.7

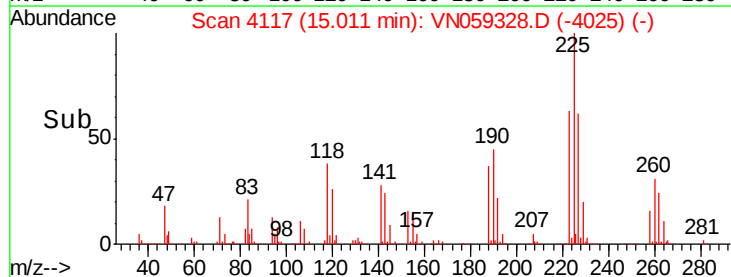
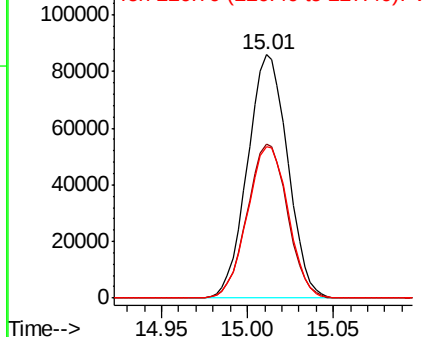


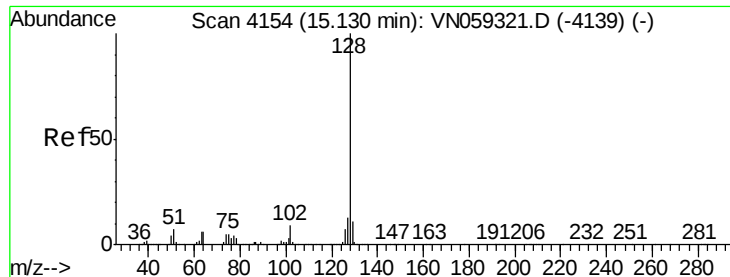
Abundance

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: 42.190 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

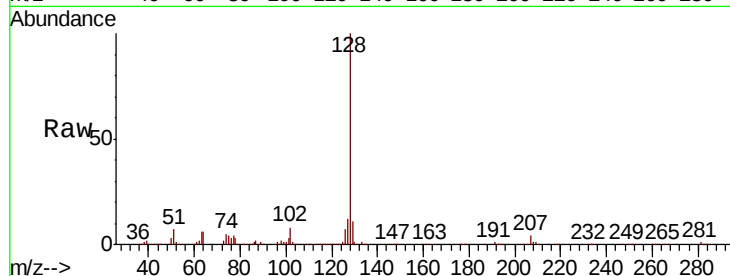
Tot Ion:128 Resp: 662116

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

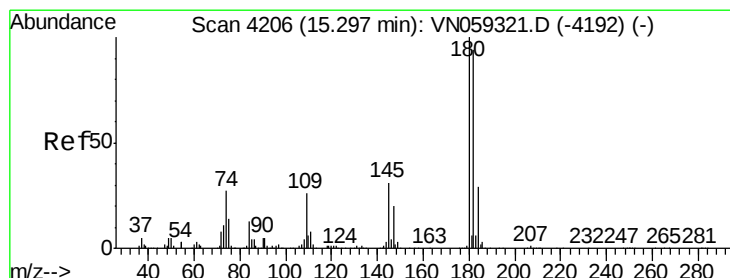
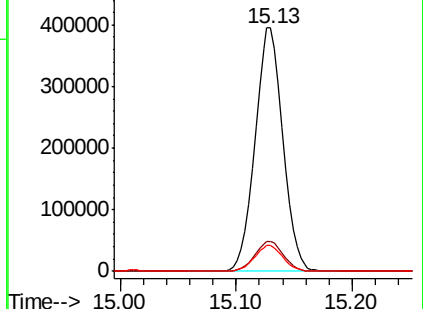
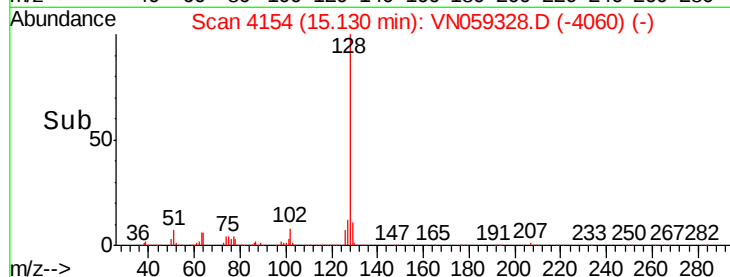
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.137 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059328.D

Acq: 21 Nov 2019 12:03

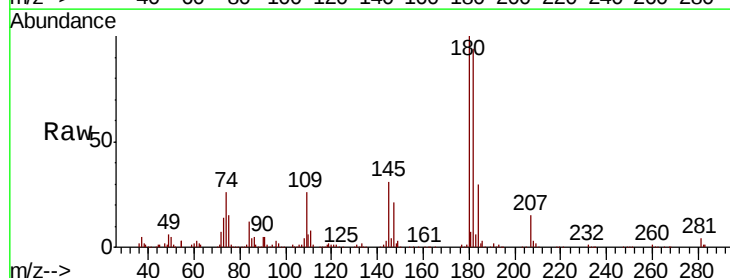
Tgt Ion:180 Resp: 247340

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.4

145 31.3 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

