

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060374.D
 Acq On : 6 Mar 2020 12:49
 Operator : JC/MD
 Sample : VN0306WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 07 00:54:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	120470	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	7.56	113	86622	59.60	ug/l	0.00
Spiked Amount			Recovery	=	119.20%	
50) Toluene-d8	10.08	98	344845	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.40	95	129397	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	28923	16.638	ug/l	99
3) Chloromethane	2.04	50	50652	16.736	ug/l	99
4) Vinyl Chloride	2.16	62	41802	16.105	ug/l	98
5) Bromomethane	2.54	94	17616	15.188	ug/l	98
6) Chloroethane	2.68	64	23344	16.600	ug/l	96
7) Trichlorofluoromethane	3.00	101	56707	17.100	ug/l	99
8) Diethyl Ether	3.38	74	22992	18.363	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33544	17.873	ug/l	99
10) Methyl Iodide	3.93	142	30650	17.894	ug/l	100
11) Tert butyl alcohol	4.73	59	34767	96.253	ug/l	100
12) 1,1-Dichloroethene	3.71	96	32369	17.721	ug/l	99
13) Acrolein	3.57	56	30564	90.702	ug/l	99
14) Allyl chloride	4.29	41	56381	16.788	ug/l	93
15) Acrylonitrile	4.94	53	91452	96.056	ug/l	99
16) Acetone	3.78	43	75309	95.868	ug/l	99
17) Carbon Disulfide	4.03	76	81668	16.422	ug/l	100
18) Methyl Acetate	4.28	43	48773	18.605	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	127695	19.309	ug/l	98
20) Methylene Chloride	4.52	84	38665	17.922	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	35981	18.114	ug/l	98
22) Diisopropyl ether	5.91	45	133940	19.689	ug/l	99
23) Vinyl Acetate	5.86	43	526687	97.430	ug/l	99
24) 1,1-Dichloroethane	5.81	63	72513	18.830	ug/l	99
25) 2-Butanone	6.80	43	123519	97.347	ug/l	100
26) 2,2-Dichloropropane	6.79	77	65591	18.709	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	44172	17.658	ug/l	99
28) Bromochloromethane	7.17	49	29036	18.365	ug/l	97
29) Tetrahydrofuran	7.18	42	84386	95.640	ug/l	98
30) Chloroform	7.35	83	73384	19.143	ug/l	97
31) Cyclohexane	7.63	56	63295	18.414	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	63037	18.559	ug/l	100
36) 1,1-Dichloropropene	7.77	75	52621	17.633	ug/l	99
37) Ethyl Acetate	6.90	43	54203	19.182	ug/l	100
38) Carbon Tetrachloride	7.75	117	51433	17.702	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	58183	16.536	ug/l	96
40) Benzene	8.02	78	159009	18.307	ug/l	99
41) Methacrylonitrile	7.18	41	78345	60.048	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	59605	19.017	ug/l	99
43) Isopropyl Acetate	8.14	43	95315	19.268	ug/l	98
44) Trichloroethene	8.82	130	43522	17.991	ug/l	99
45) 1,2-Dichloropropane	9.10	63	44387	19.546	ug/l	98
46) Dibromomethane	9.19	93	27232	18.481	ug/l	99
47) Bromodichloromethane	9.39	83	57985	19.348	ug/l	99
48) Methyl methacrylate	9.18	41	41434	18.368	ug/l	98
49) 1,4-Dioxane	9.18	88	12059	380.136	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	271172	96.683	ug/l	100
52) Toluene	10.14	92	97441	17.859	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	67894	18.489	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	72016	18.926	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	41341	18.842	ug/l	99
56) Ethyl methacrylate	10.42	69	58843	18.667	ug/l	98
57) 1,3-Dichloropropane	10.70	76	69521	19.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	162130	98.343	ug/l	99
59) 2-Hexanone	10.74	43	193458	93.943	ug/l	100
60) Dibromochloromethane	10.89	129	42714	19.143	ug/l	100
61) 1,2-Dibromoethane	10.99	107	40387	18.882	ug/l	98
64) Tetrachloroethene	10.62	164	45596	19.169	ug/l	100
65) Chlorobenzene	11.43	112	105730	18.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40607	18.822	ug/l	99
67) Ethyl Benzene	11.50	91	192069	18.076	ug/l	100
68) m/p-Xylenes	11.62	106	142806	35.622	ug/l	99
69) o-Xylene	11.94	106	68898	18.023	ug/l	100
70) Styrene	11.96	104	111146	17.684	ug/l	99
71) Bromoform	12.12	173	29437	18.933	ug/l #	99
73) Isopropylbenzene	12.25	105	185407	18.434	ug/l	100
74) N-amyl acetate	12.06	43	81636	18.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	53166	19.446	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	74309	24.958	ug/l #	100
77) Bromobenzene	12.52	156	45508	18.458	ug/l	98
78) n-propylbenzene	12.59	91	213953	18.147	ug/l	100
79) 2-Chlorotoluene	12.67	91	127221	18.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	156157	18.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20837	19.319	ug/l #	85
82) 4-Chlorotoluene	12.77	91	133320	18.259	ug/l	98
83) tert-Butylbenzene	12.99	119	131896	17.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	155762	18.223	ug/l	100
85) sec-Butylbenzene	13.17	105	172670	17.587	ug/l	99
86) p-Isopropyltoluene	13.28	119	155630	17.126	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	80282	18.832	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	81461	19.125	ug/l	99
89) n-Butylbenzene	13.61	91	140631	16.858	ug/l	100
90) Hexachloroethane	13.87	117	21413	16.279	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	78427	18.154	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11607	18.747	ug/l	93

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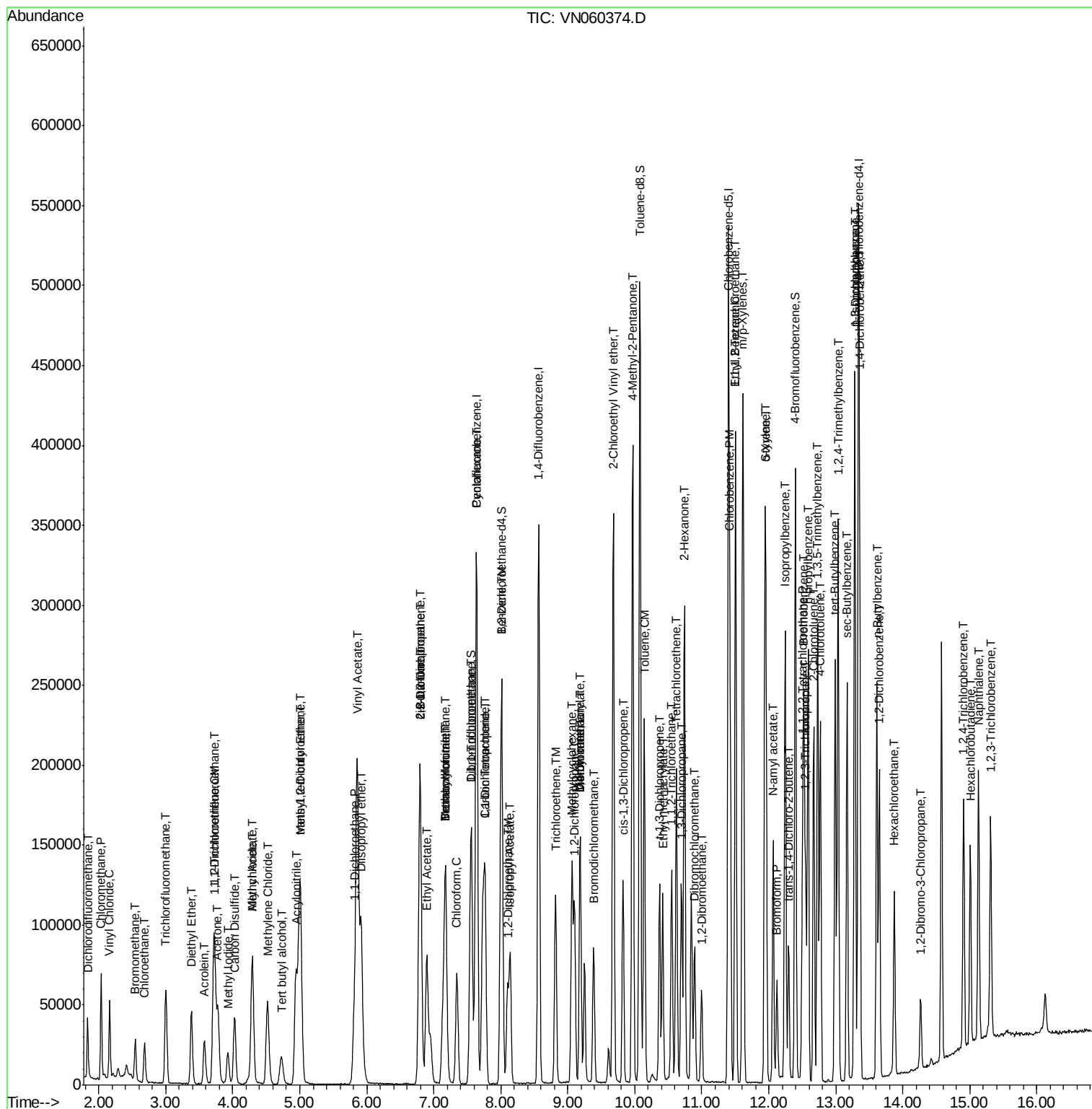
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50257	18.364	ug/l	98
94) Hexachlorobutadiene	15.01	225	23580	18.324	ug/l	99
95) Naphthalene	15.13	128	142377	17.432	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47576	18.287	ug/l	99

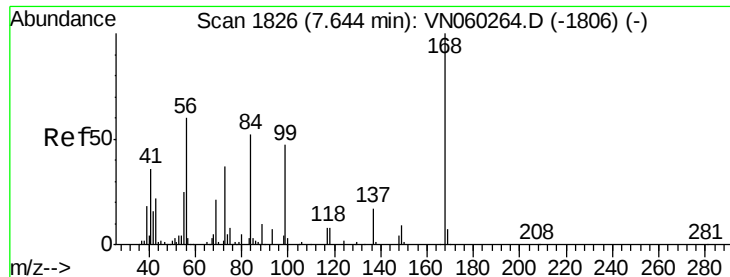
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

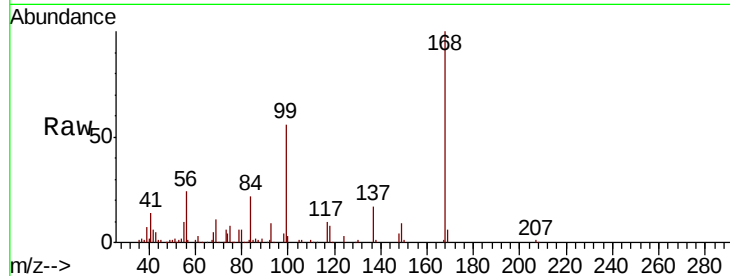
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 189598

Ion Ratio Lower Upper

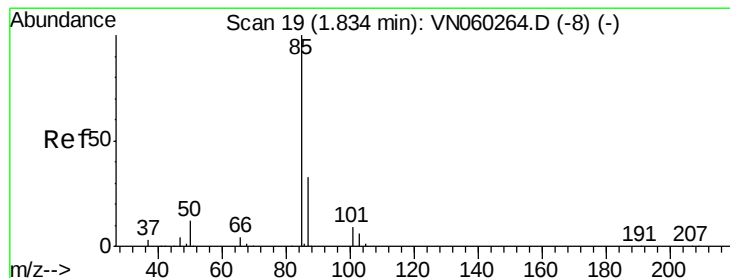
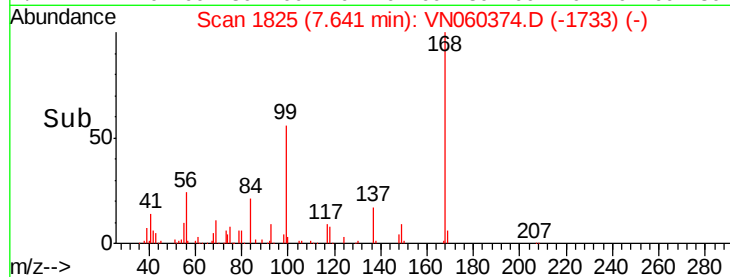
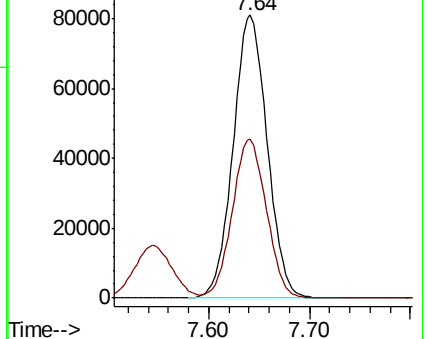
168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.638 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060374.D

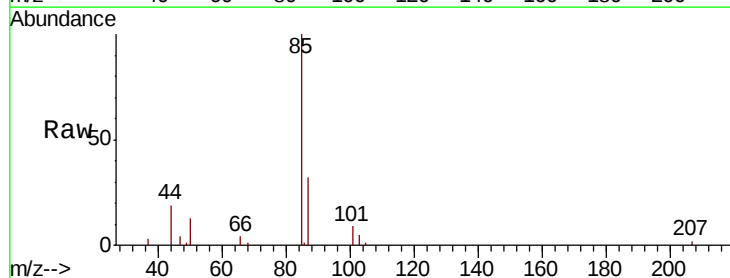
Acq: 6 Mar 2020 12:49

Tgt Ion: 85 Resp: 28923

Ion Ratio Lower Upper

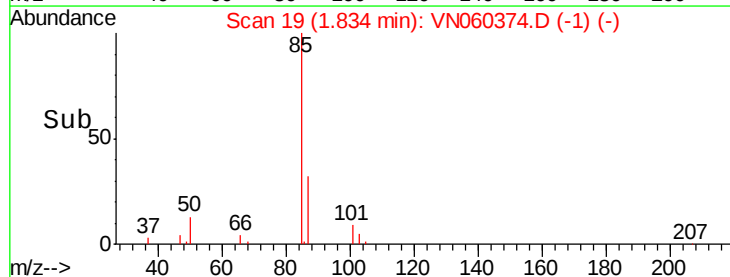
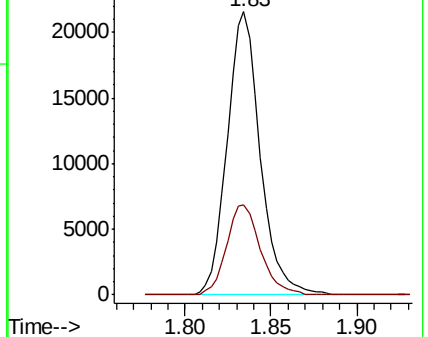
85 100

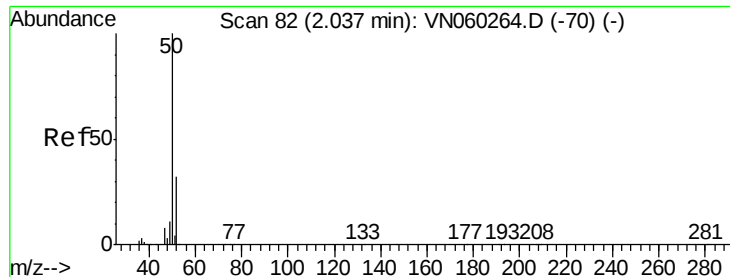
87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

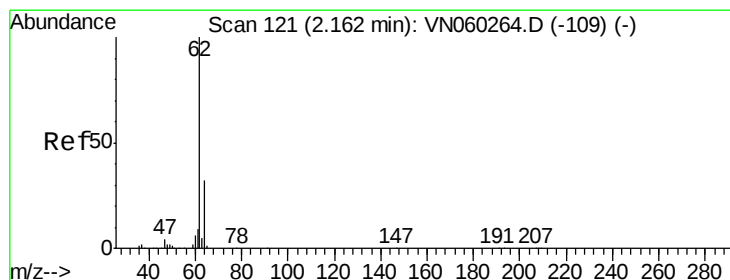
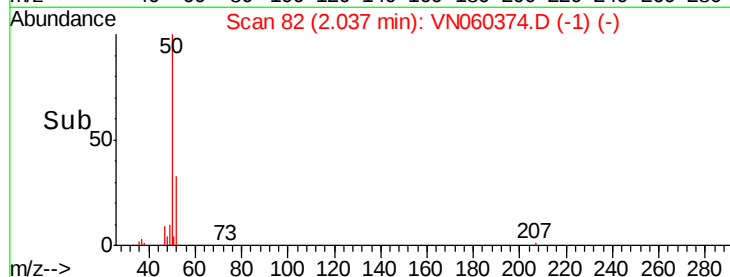
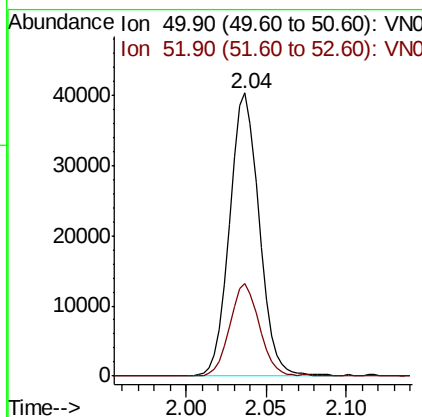
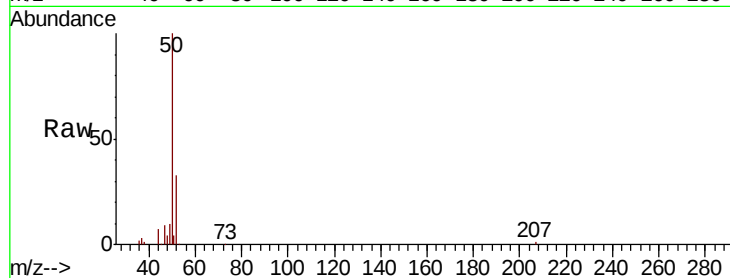




#3
Chloromethane
Concen: 16.736 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

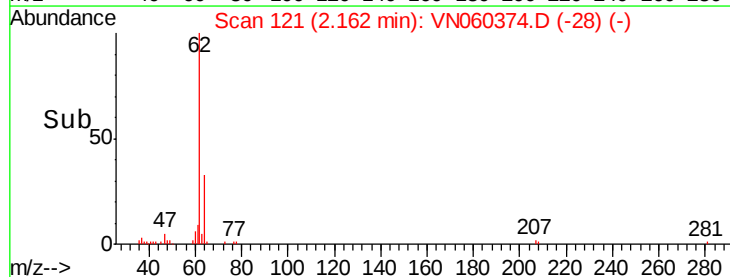
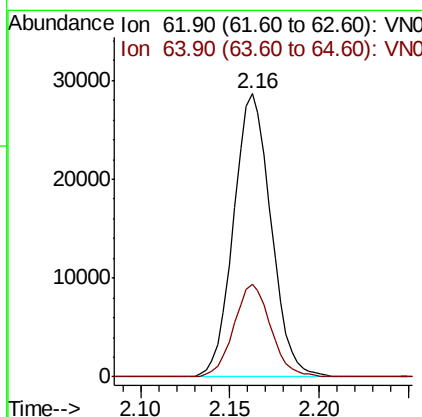
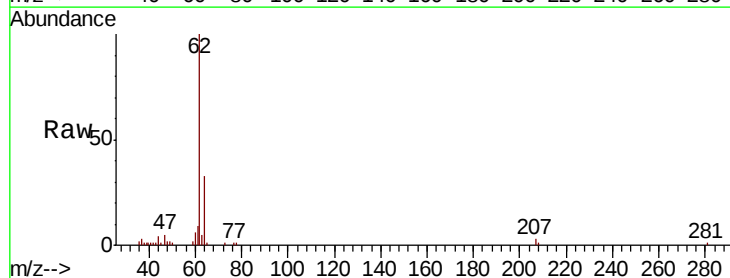
Instrument :
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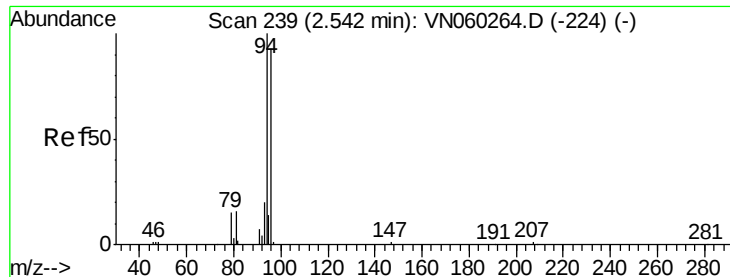
Tot Ion: 50 Resp: 50652
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 16.105 ug/l
RT: 2.16 min Scan# 121
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 62 Resp: 41802
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3





#5

Bromomethane

Concen: 15.188 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

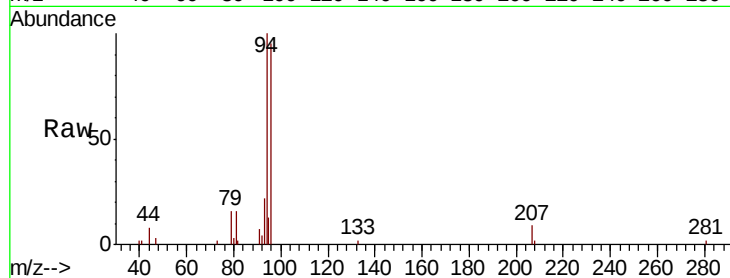
ClientSampled :

Tot Ion: 94 Resp: 17616

Ion Ratio Lower Upper

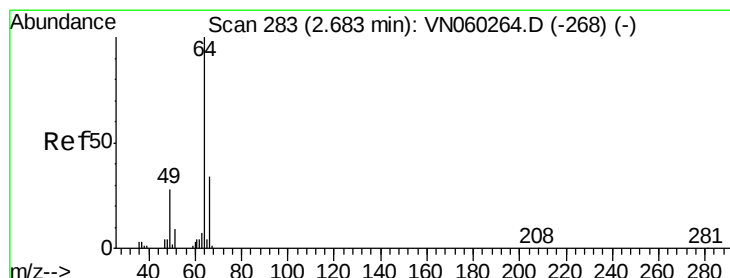
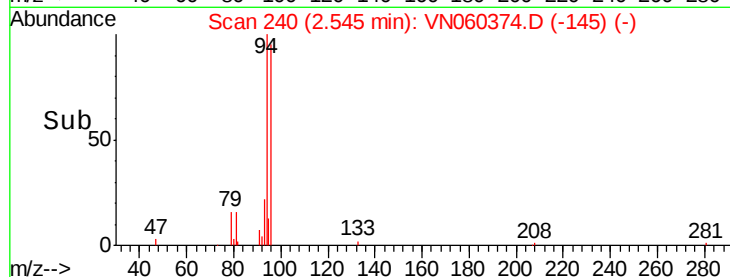
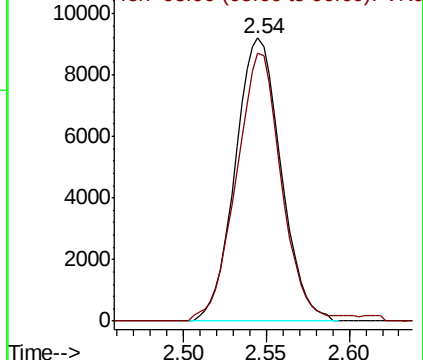
94 100

96 94.9 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.600 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060374.D

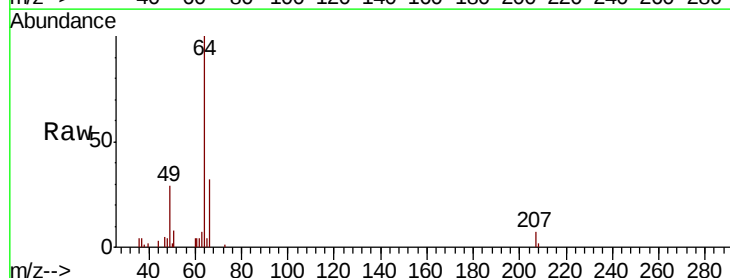
Acq: 6 Mar 2020 12:49

Tgt Ion: 64 Resp: 23344

Ion Ratio Lower Upper

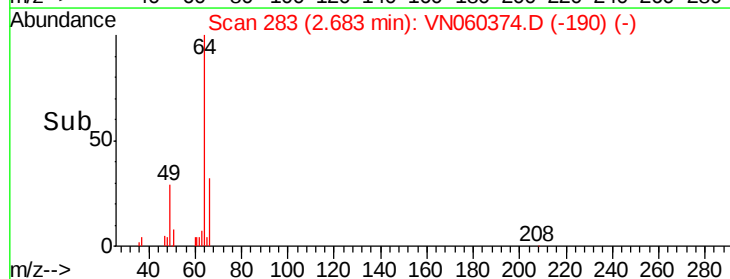
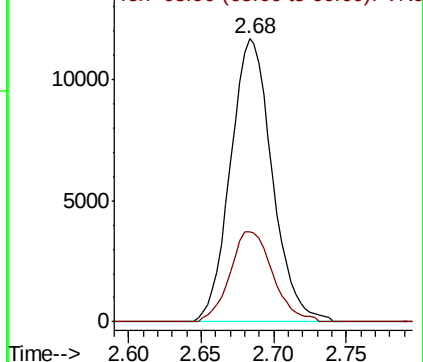
64 100

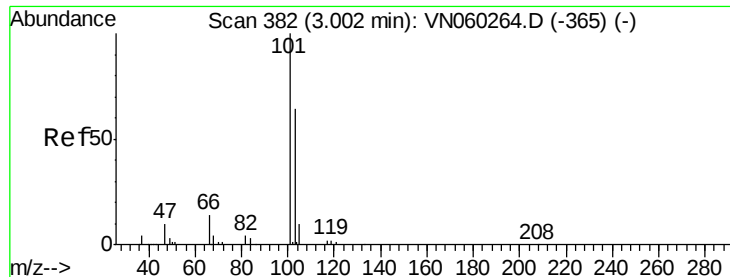
66 32.0 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



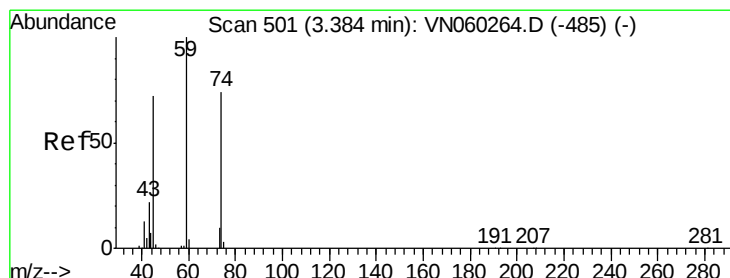
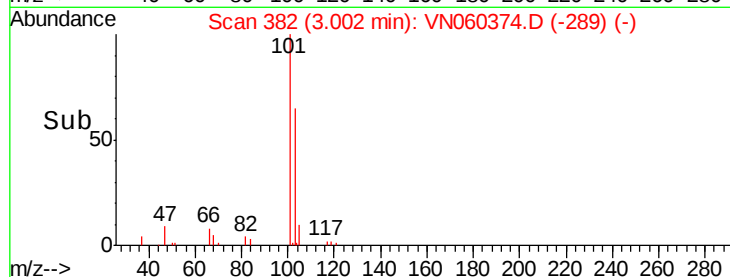
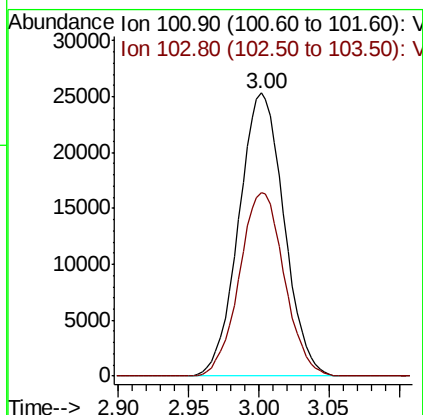
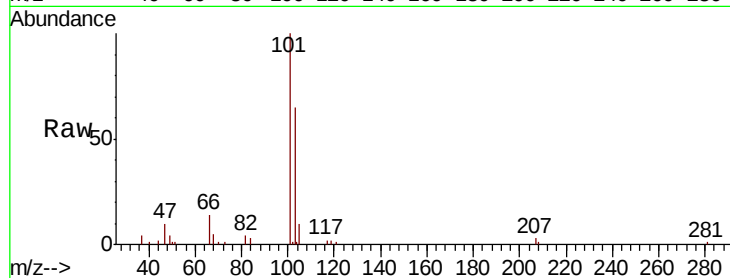


#7

Trichlorofluoromethane
 Concen: 17.100 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Instrument :
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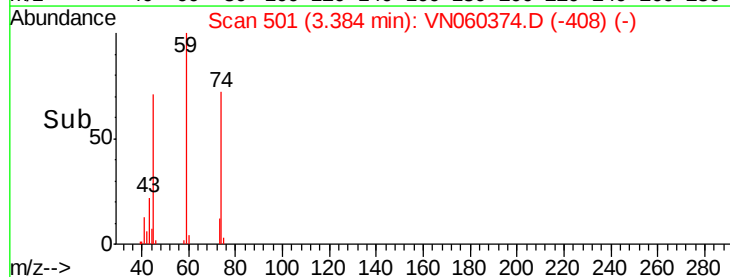
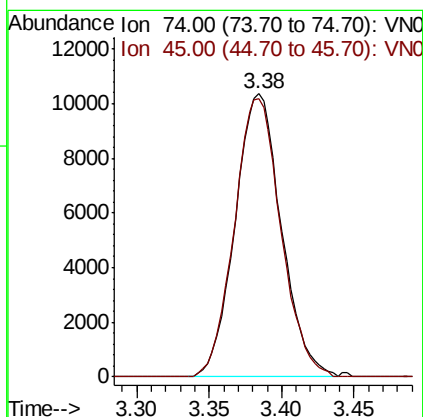
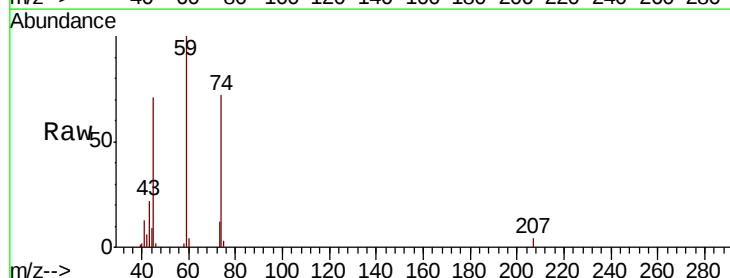
Tot Ion:101 Resp: 56707
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.3 76.9

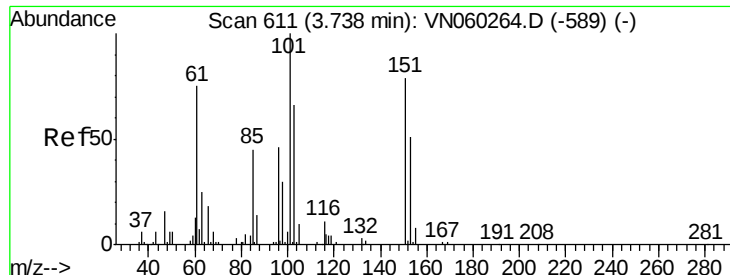


#8

Diethyl Ether
 Concen: 18.363 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 74 Resp: 22992
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.873 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

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ClientSampleId :

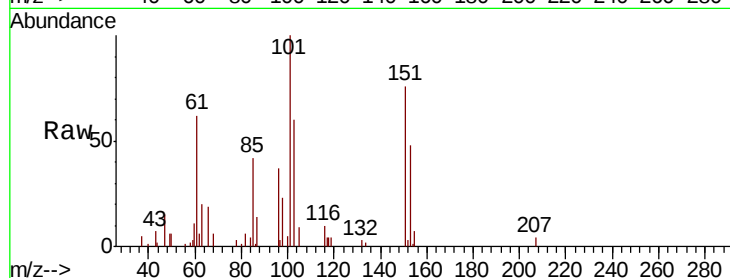
Tot Ion:101 Resp: 33544

Ion Ratio Lower Upper

101 100

85 45.1 35.4 53.2

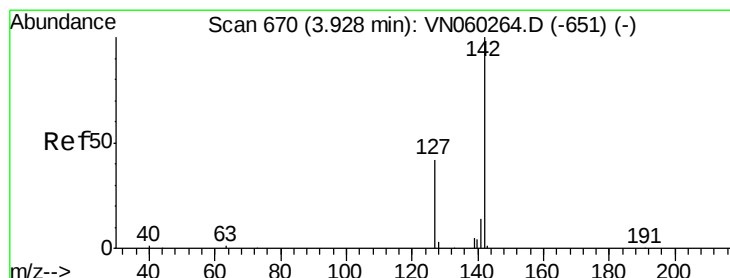
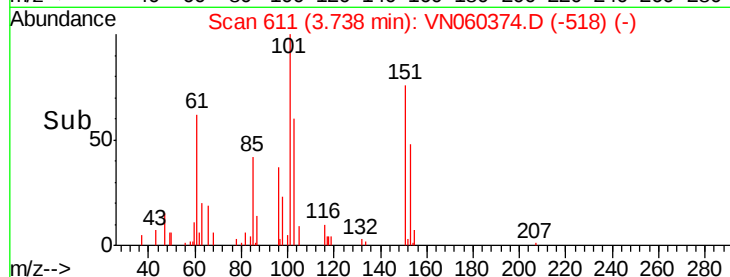
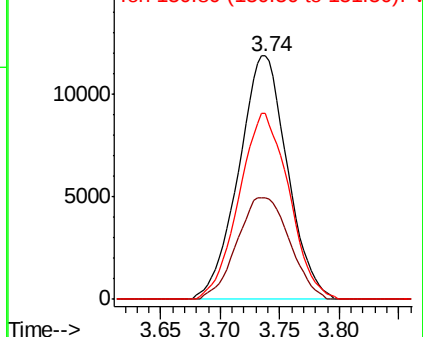
151 78.4 62.0 93.0



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: 17.894 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

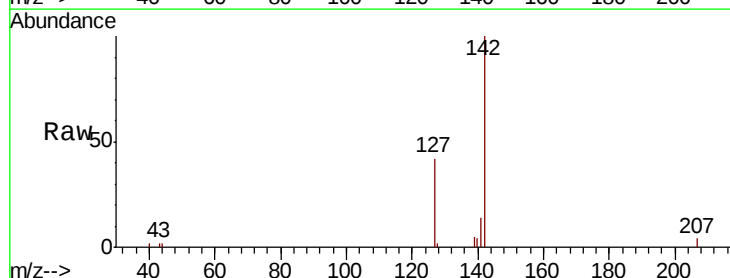
Tgt Ion:142 Resp: 30650

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

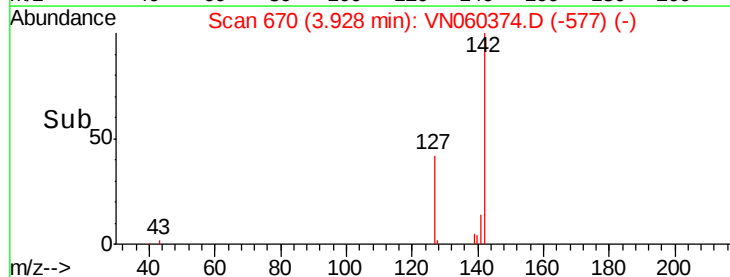
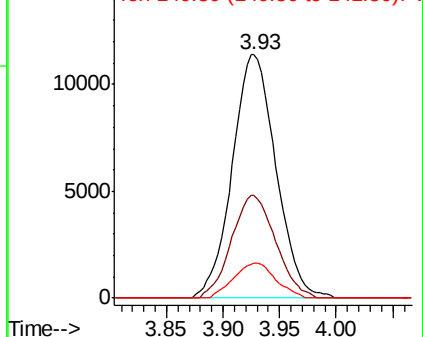
141 13.9 11.1 16.7

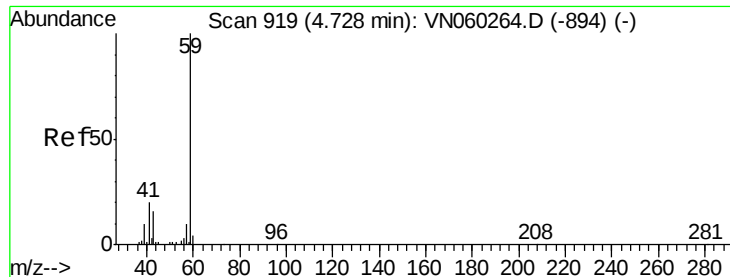


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

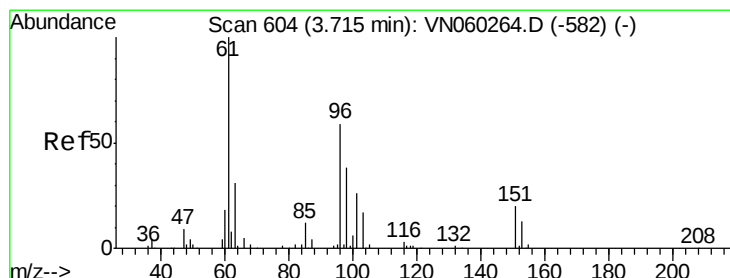
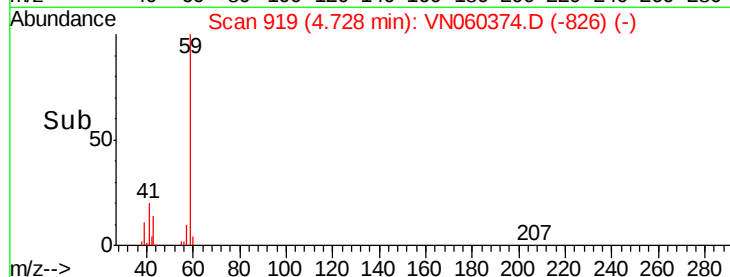
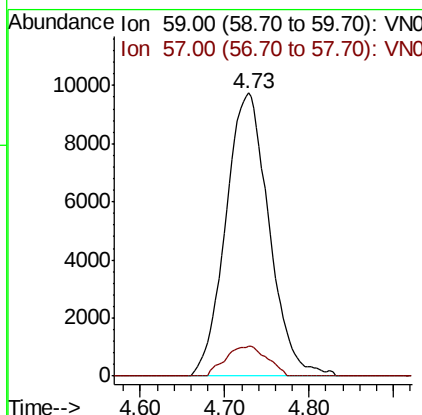
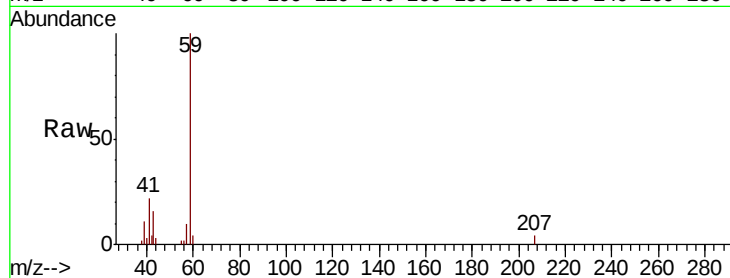




#11
Tert butyl alcohol
Concen: 96.253 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

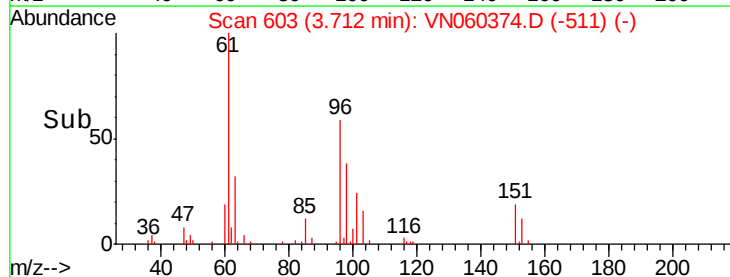
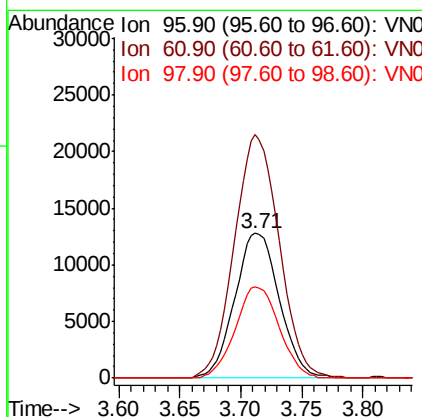
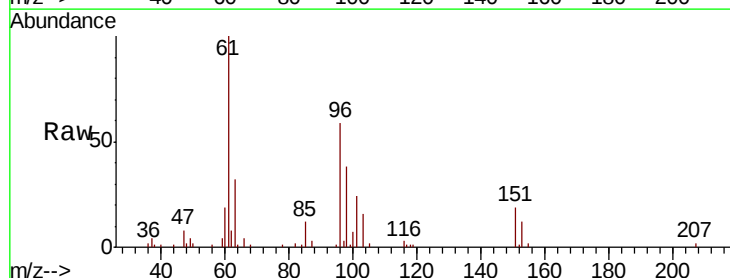
Instrument :
MSVOA_N
ClientSampled :

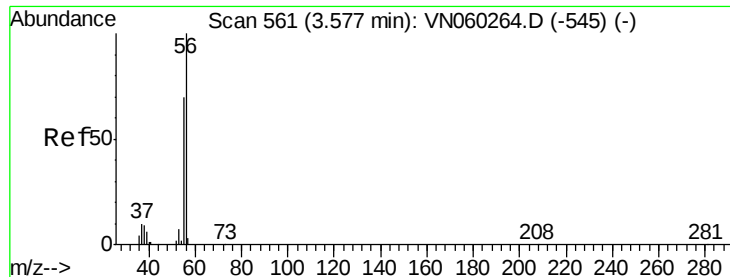
Tot Ion: 59 Resp: 34767
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.721 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 96 Resp: 32369
Ion Ratio Lower Upper
96 100
61 168.3 135.4 203.0
98 63.3 51.6 77.4





#13

Acrolein

Concen: 90.702 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

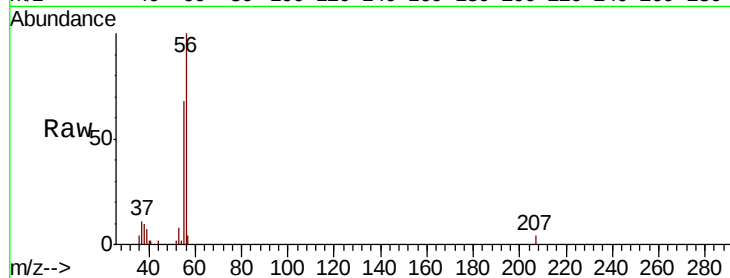
ClientSampled :

Tot Ion: 56 Resp: 30564

Ion Ratio Lower Upper

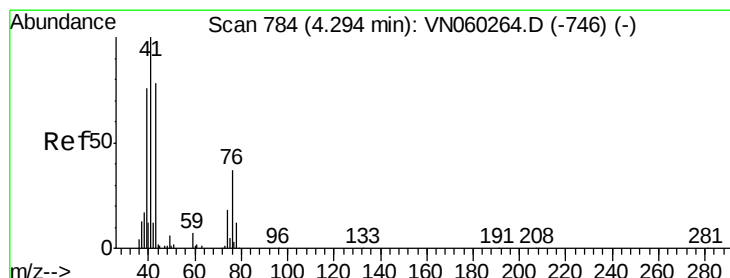
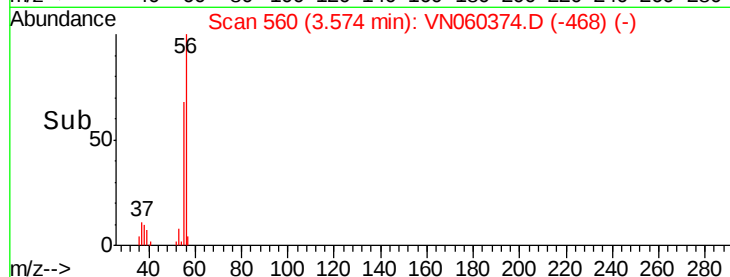
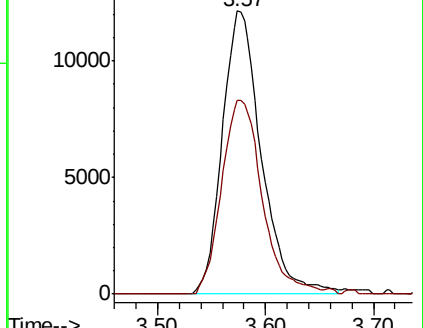
56 100

55 71.0 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN060374.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060374.D (-545) (-)



#14

Allyl chloride

Concen: 16.788 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

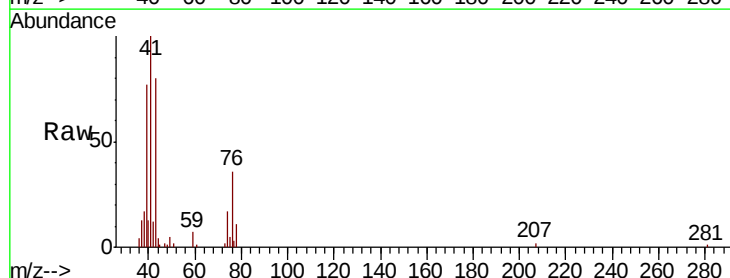
Tgt Ion: 41 Resp: 56381

Ion Ratio Lower Upper

41 100

39 77.1 55.4 83.2

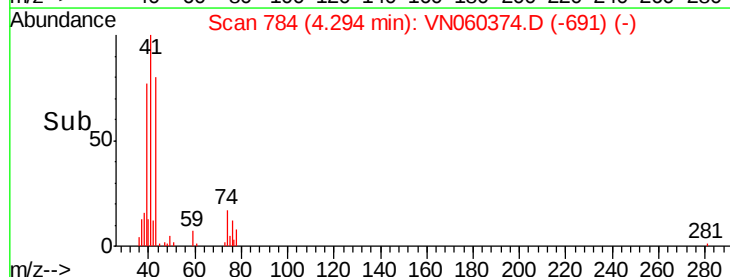
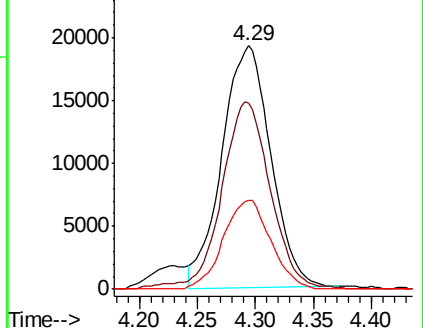
76 35.5 27.0 40.6

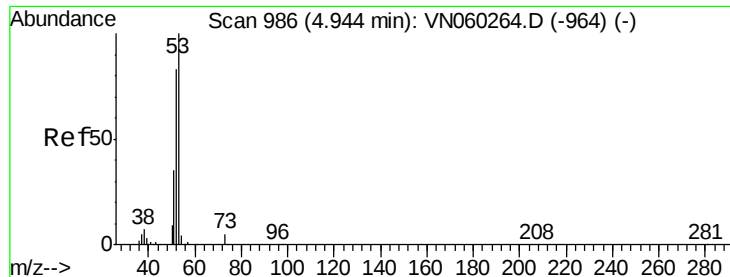


Abundance Ion 41.00 (40.70 to 41.70): VN060374.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN060374.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN060374.D (-746) (-)





#15

Acrylonitrile

Concen: 96.056 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

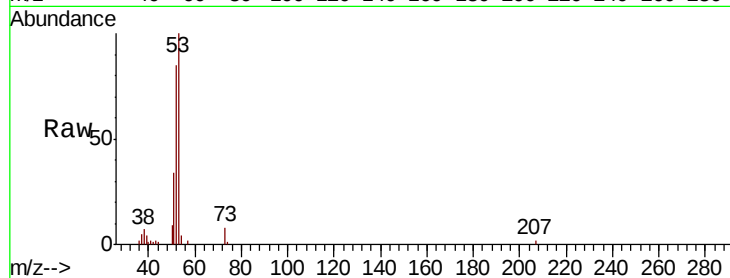
Tot Ion: 53 Resp: 91452

Ion Ratio Lower Upper

53 100

52 84.4 66.8 100.2

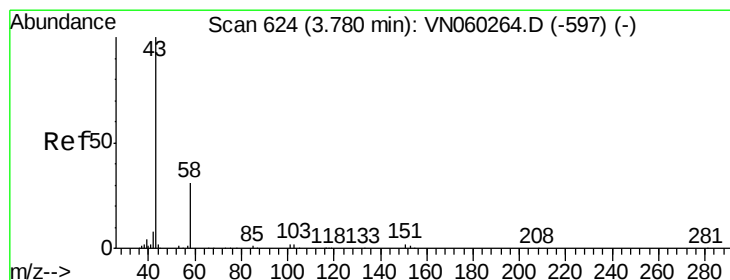
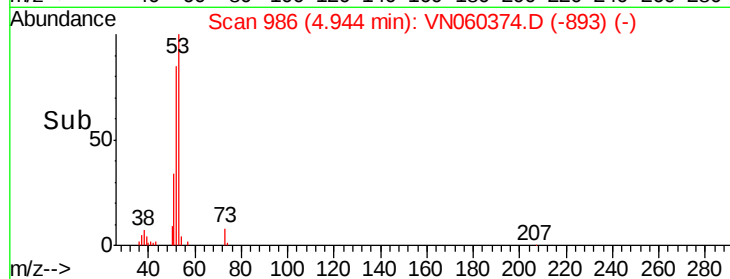
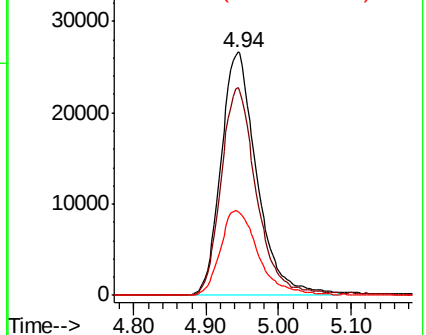
51 36.8 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060374.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060374.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060374.D (-964) (-)



#16

Acetone

Concen: 95.868 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060374.D

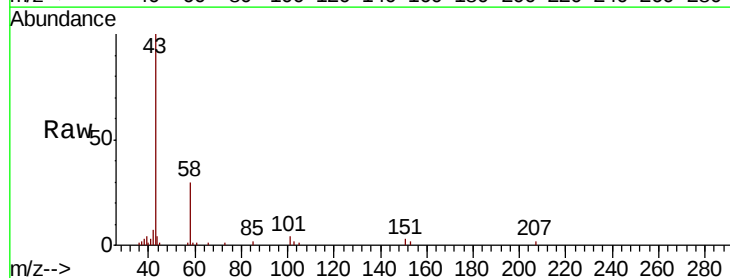
Acq: 6 Mar 2020 12:49

Tgt Ion: 43 Resp: 75309

Ion Ratio Lower Upper

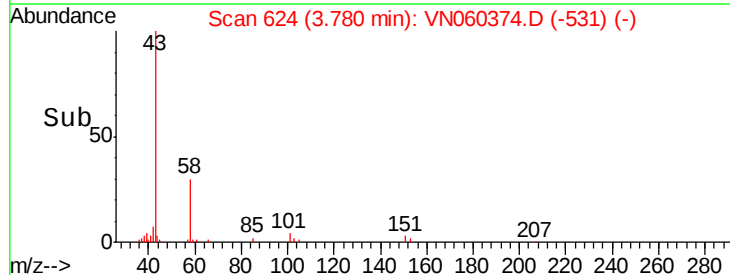
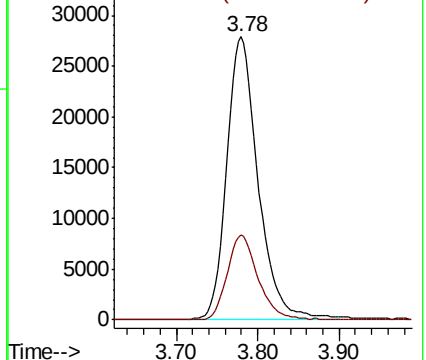
43 100

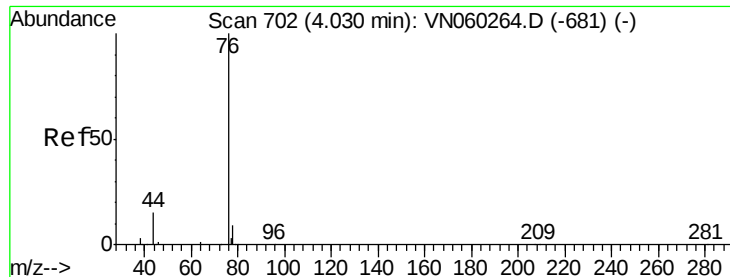
58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060374.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060374.D (-531) (-)

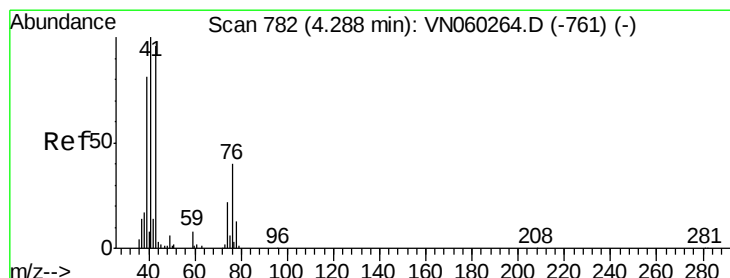
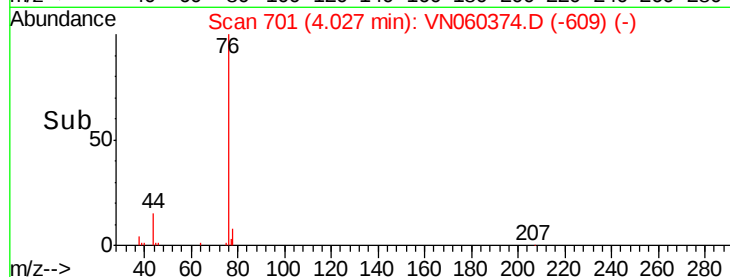
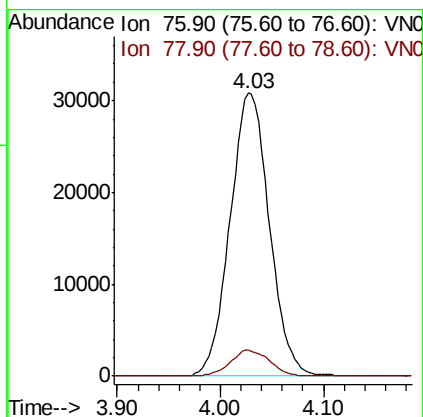
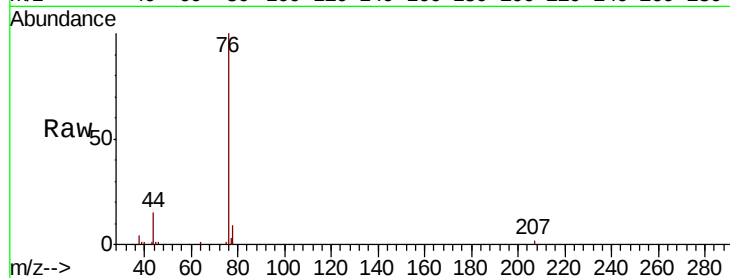




#17
Carbon Disulfide
Concen: 16.422 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

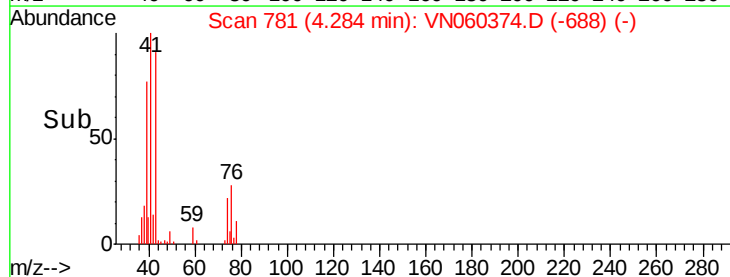
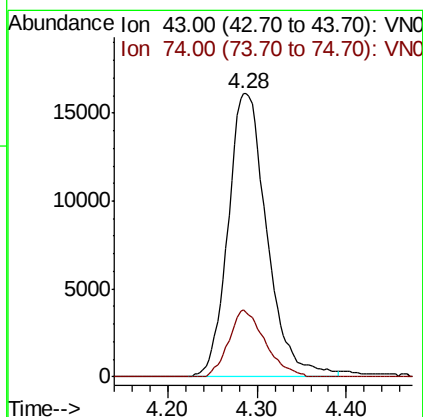
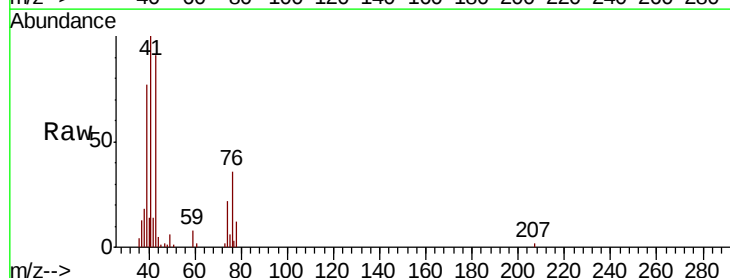
Instrument :
MSVOA_N
ClientSampleId :

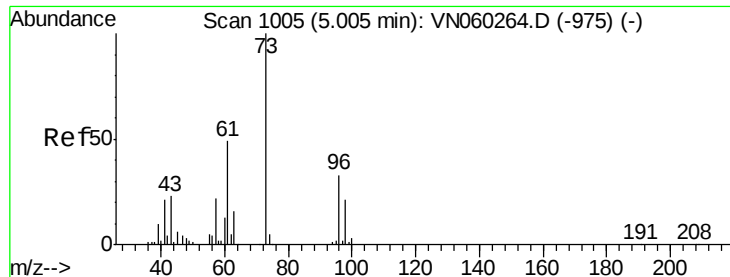
Tot Ion: 76 Resp: 81668
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.605 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 43 Resp: 48773
Ion Ratio Lower Upper
43 100
74 22.1 18.8 28.2

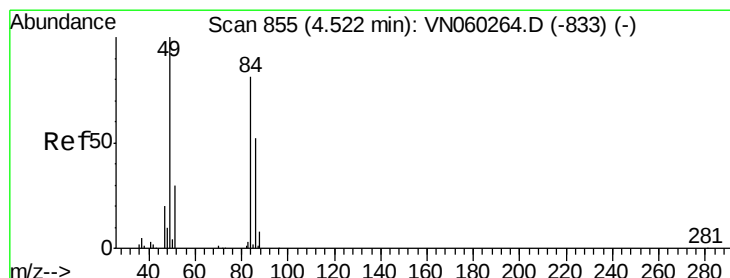
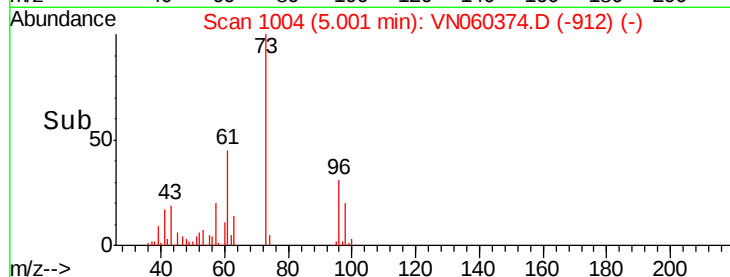
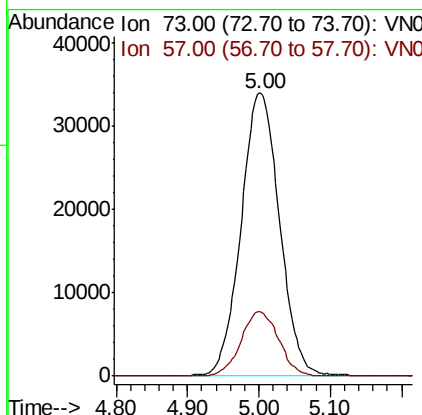
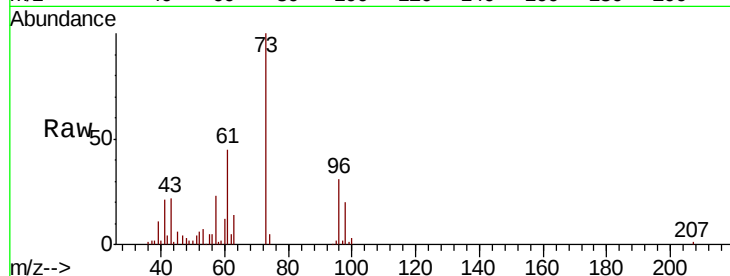




#19
Methyl tert-butyl Ether
Concen: 19.309 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

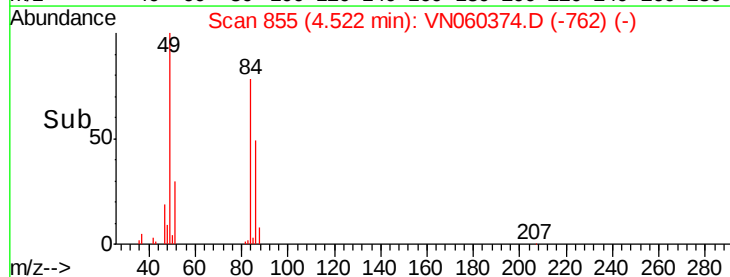
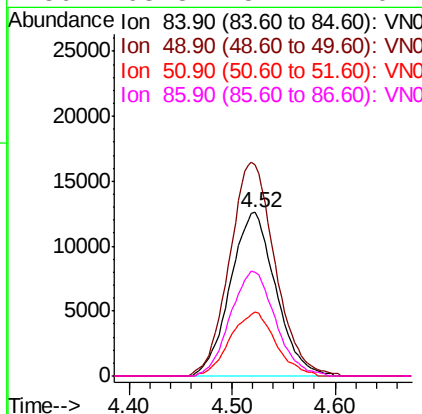
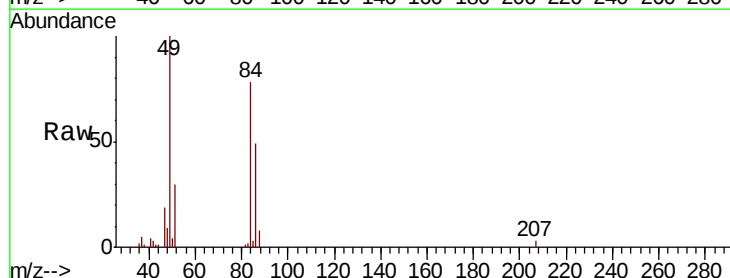
Instrument :
MSVOA_N
ClientSampled :

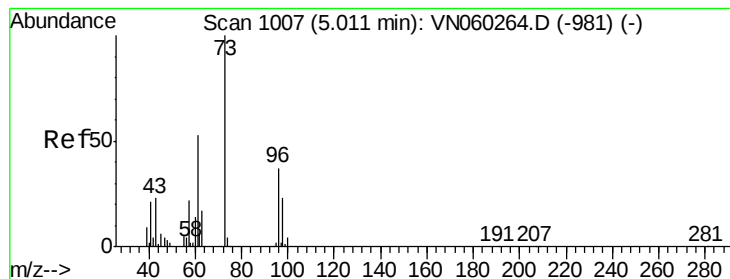
Tot Ion: 73 Resp: 127695
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 17.922 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 84 Resp: 38665
Ion Ratio Lower Upper
84 100
49 128.9 99.3 148.9
51 39.2 30.1 45.1
86 63.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.114 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

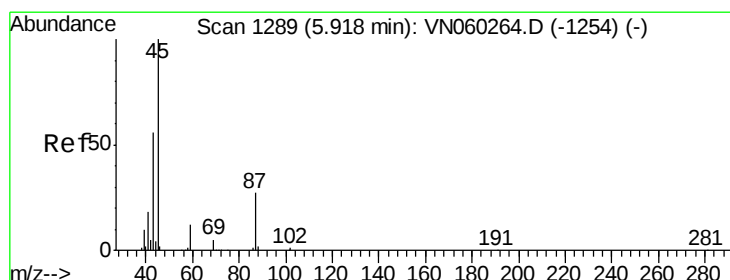
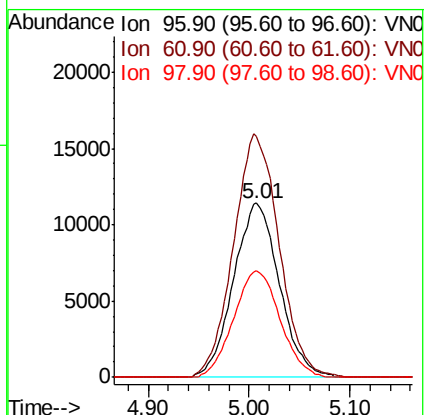
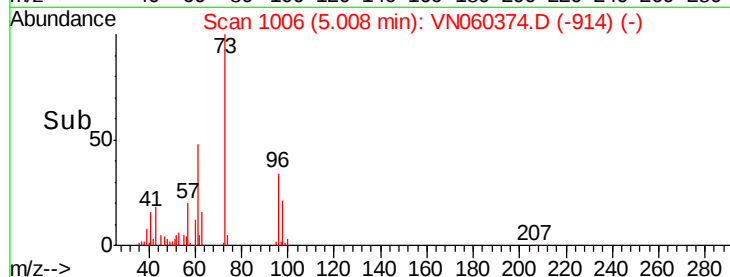
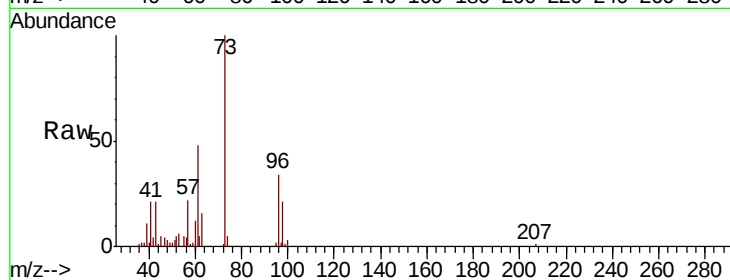
Tot Ion: 96 Resp: 35981

Ion Ratio Lower Upper

96 100

61 138.8 113.8 170.8

98 61.0 48.8 73.2



#22

Diisopropyl ether

Concen: 19.689 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Tgt Ion: 45 Resp: 133940

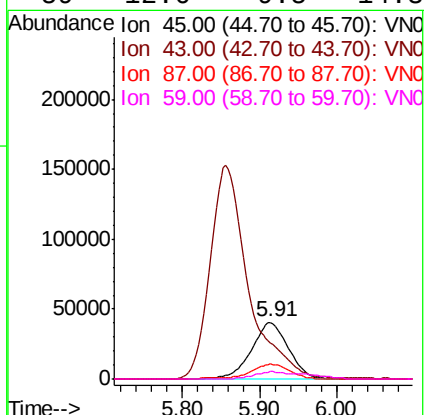
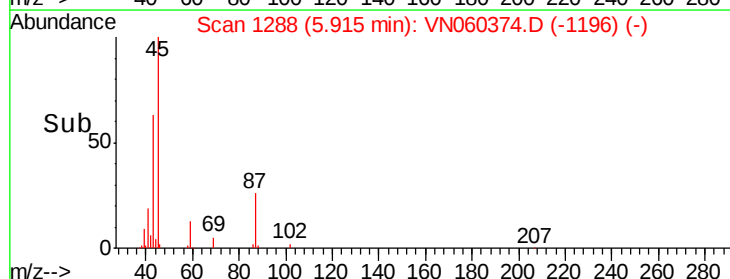
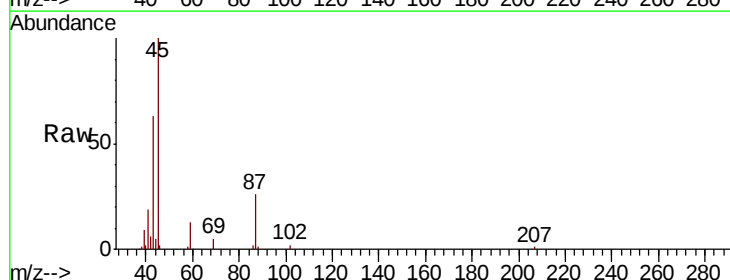
Ion Ratio Lower Upper

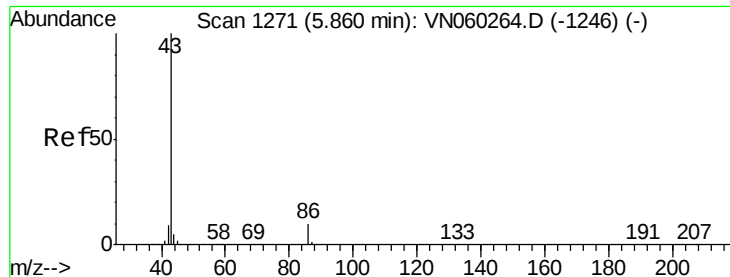
45 100

43 61.1 48.6 72.8

87 26.2 22.2 33.2

59 12.6 9.5 14.3





#23

Vinyl Acetate

Concen: 97.430 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

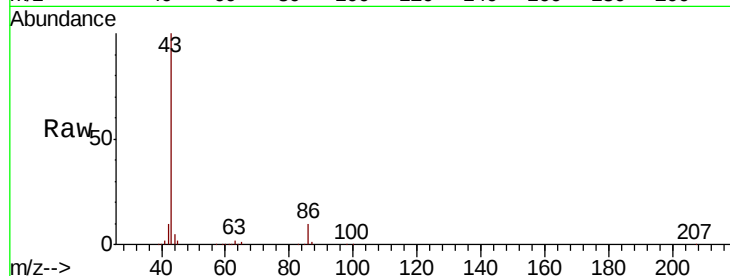
ClientSampled :

Tot Ion: 43 Resp: 526687

Ion Ratio Lower Upper

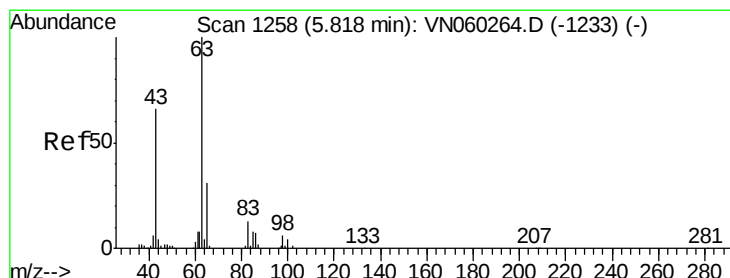
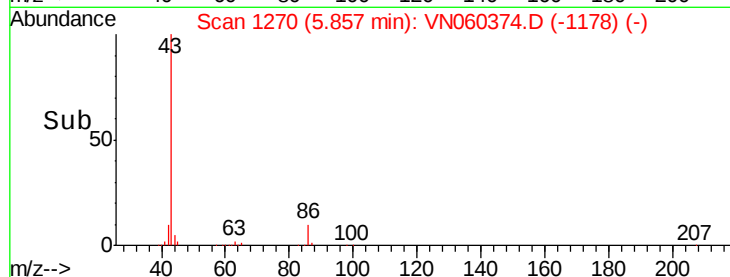
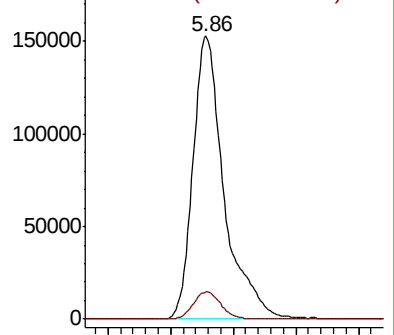
43 100

86 9.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.830 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

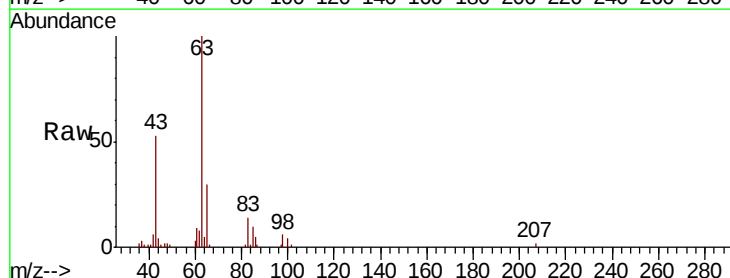
Tgt Ion: 63 Resp: 72513

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

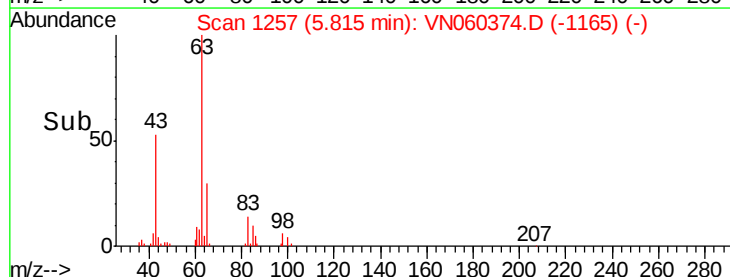
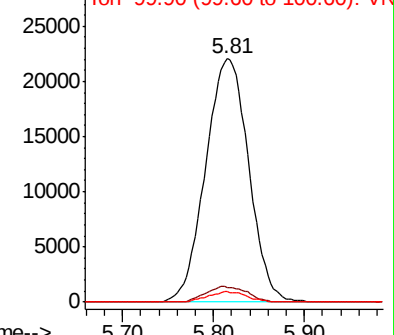
100 4.2 2.0 6.0

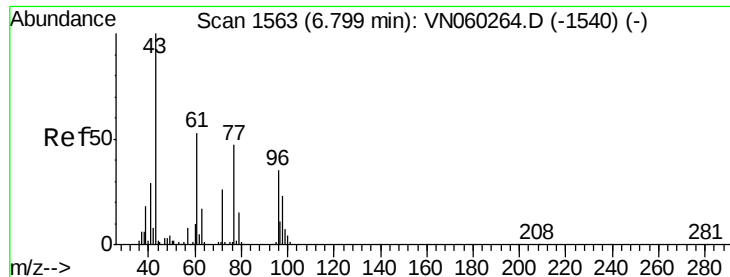


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 97.347 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

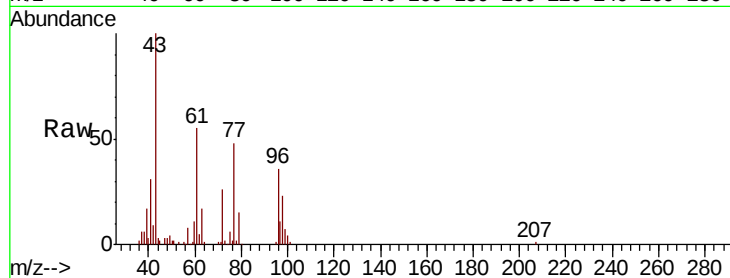
ClientSampled :

Tot Ion: 43 Resp: 123519

Ion Ratio Lower Upper

43 100

72 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN060374.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN060374.D (-1540) (-)

6.80

40000

30000

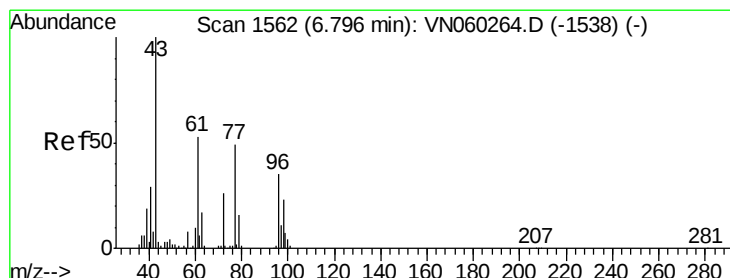
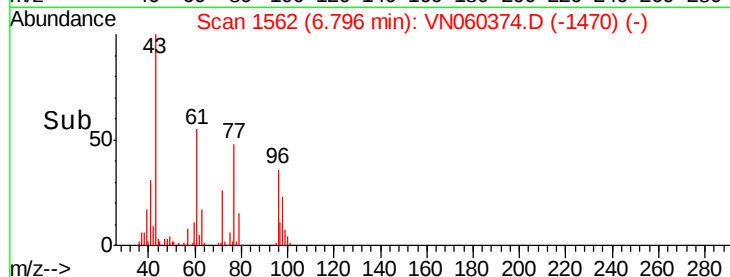
20000

10000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 18.709 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060374.D

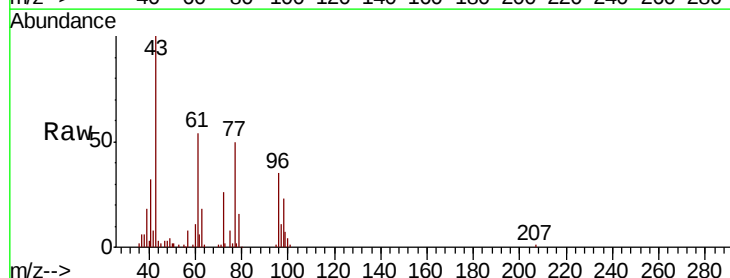
Acq: 6 Mar 2020 12:49

Tgt Ion: 77 Resp: 65591

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN060374.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN060374.D (-1469) (-)

6.79

20000

15000

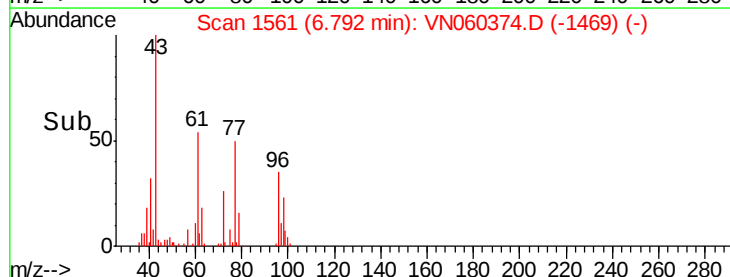
10000

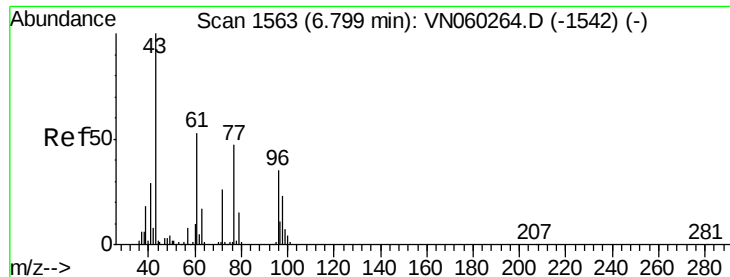
5000

0

6.70 6.80 6.90

Time-->

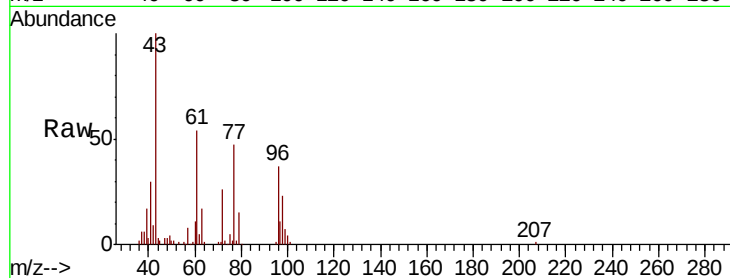




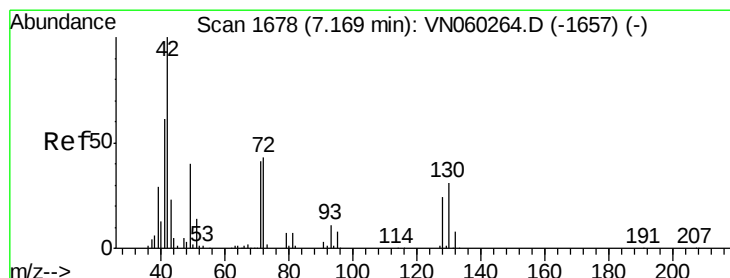
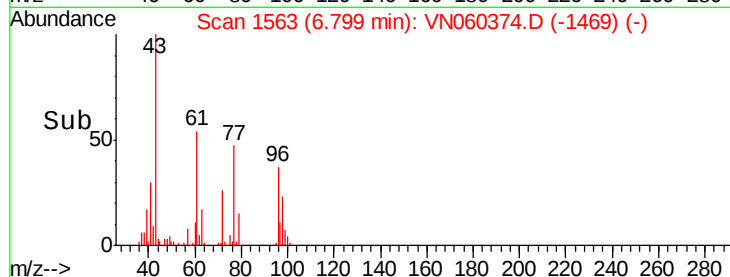
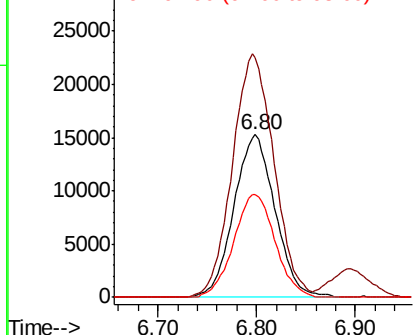
#27
 cis-1,2-Dichloroethene
 Concen: 17.658 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 44172
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 300.8
 98 63.4 0.0 128.2

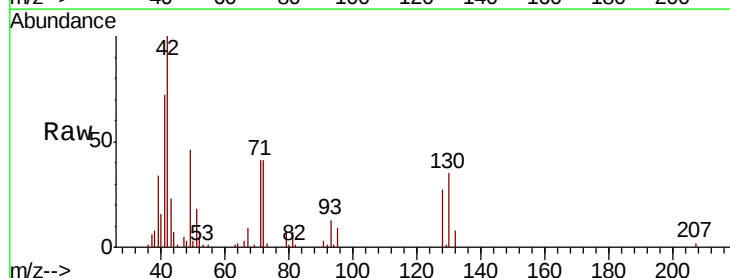


Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

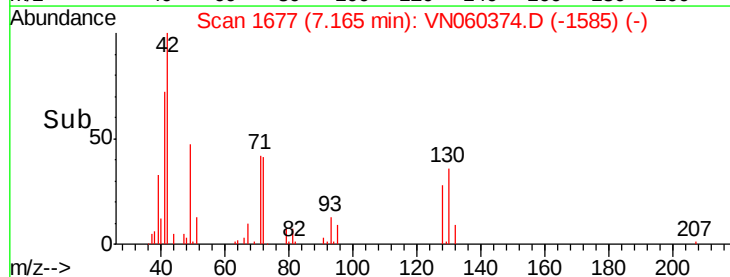
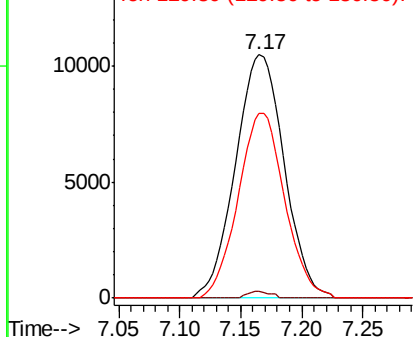


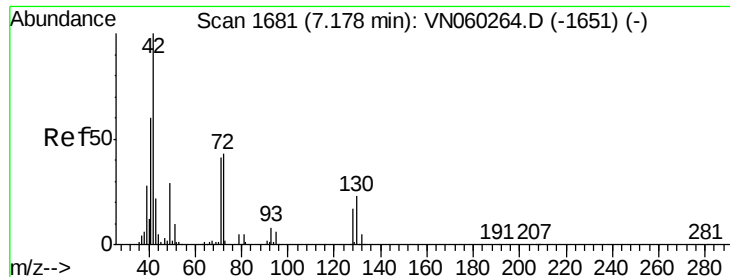
#28
 Bromochloromethane
 Concen: 18.365 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 49 Resp: 29036
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 72.5 59.8 89.8



Abundance Ion 48.90 (48.60 to 49.60): VNO
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

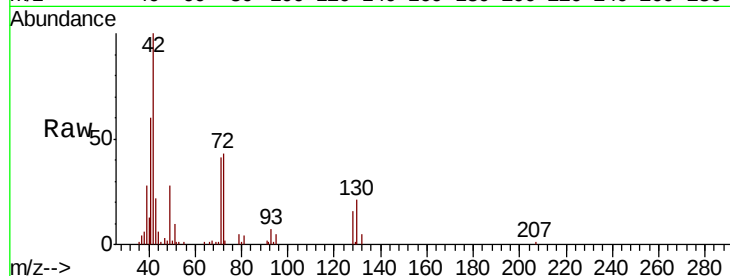




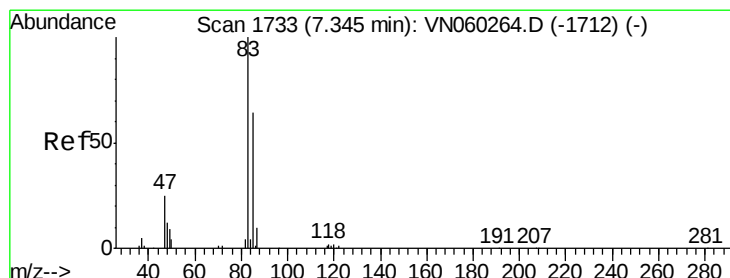
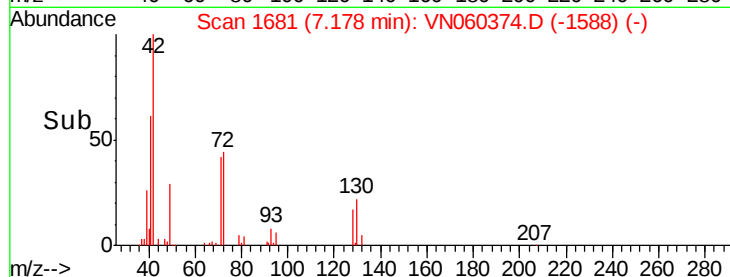
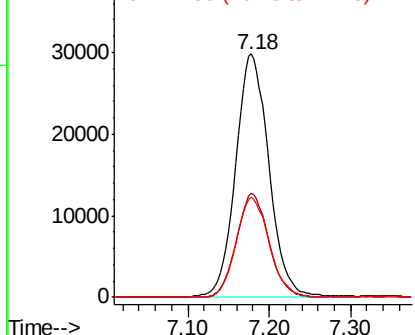
#29
Tetrahydrofuran
Concen: 95.640 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.6	52.0
71	40.6	32.9	49.3

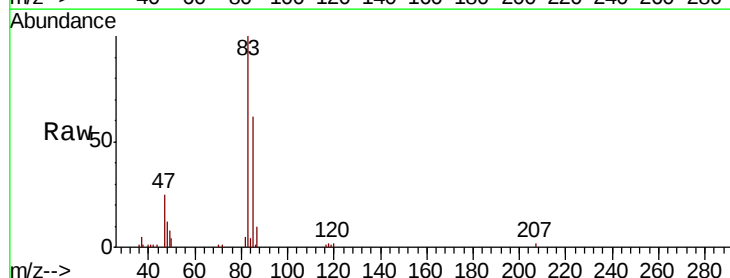


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

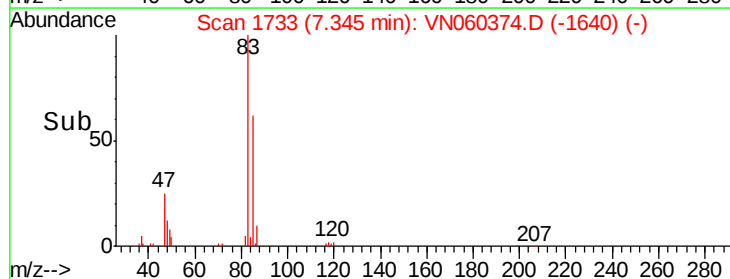
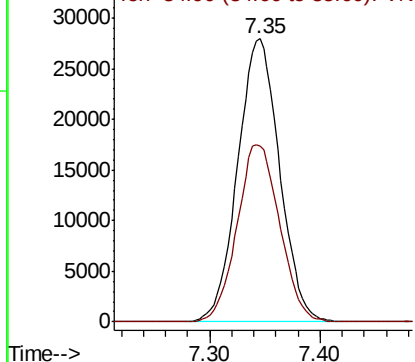


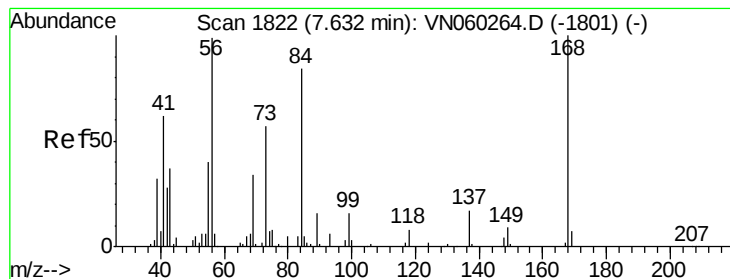
#30
Chloroform
Concen: 19.143 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2



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





#31

Cyclohexane

Concen: 18.414 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :
MSVOA_N
ClientSampled :

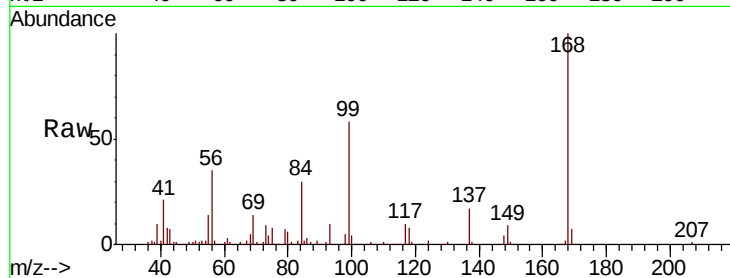
Tot Ion: 56 Resp: 63295

Ion Ratio Lower Upper

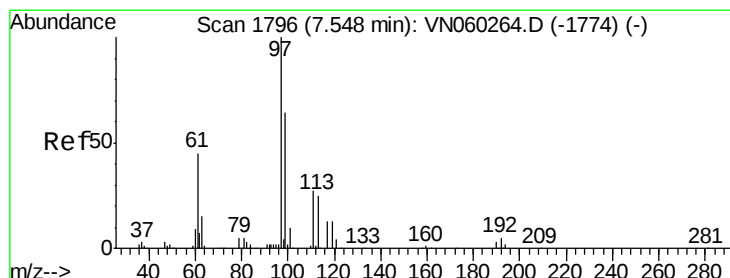
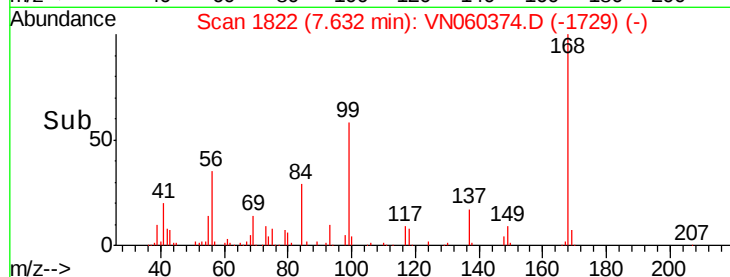
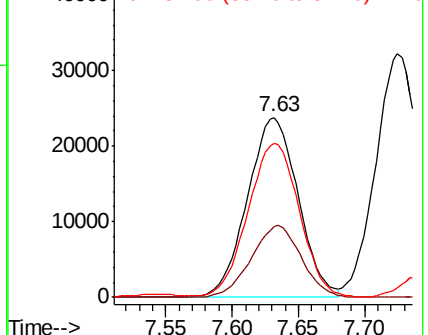
56 100

69 39.5 27.2 40.8

84 84.8 66.7 100.1



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



#32

1,1,1-Trichloroethane

Concen: 18.559 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

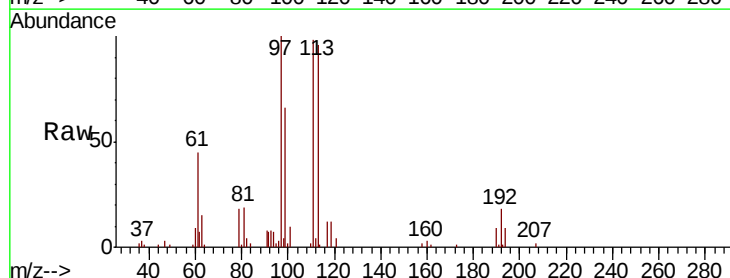
Tgt Ion: 97 Resp: 63037

Ion Ratio Lower Upper

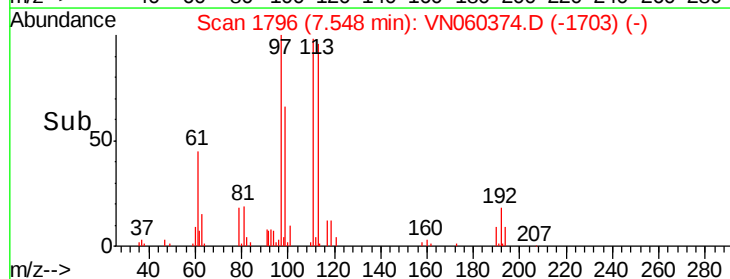
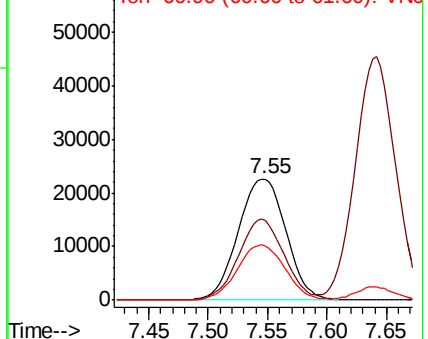
97 100

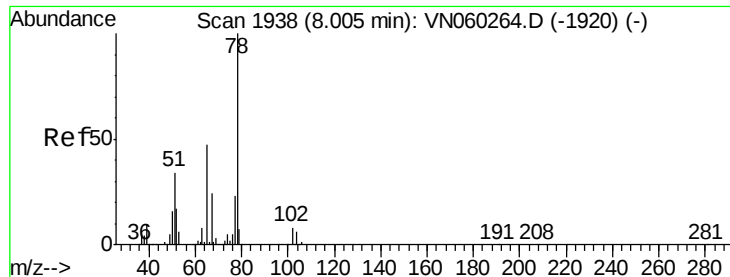
99 63.8 51.4 77.0

61 45.5 36.6 55.0



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

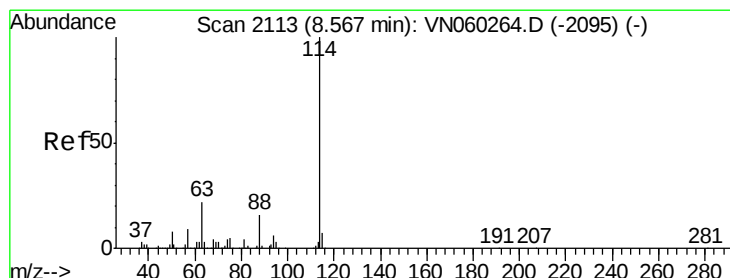
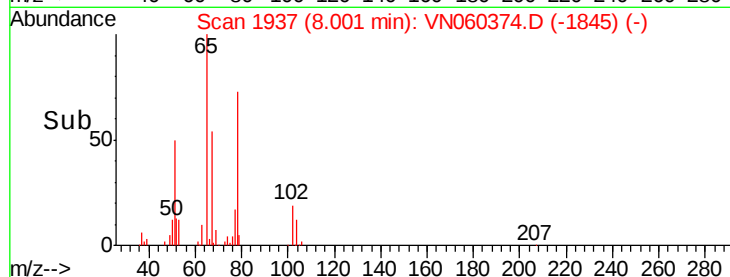
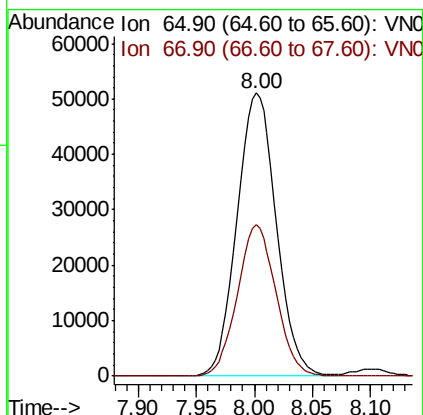
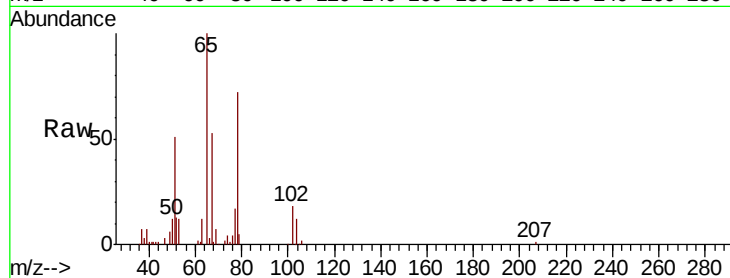




#33
 1,2-Dichloroethane-d4
 Concen: 49.524 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

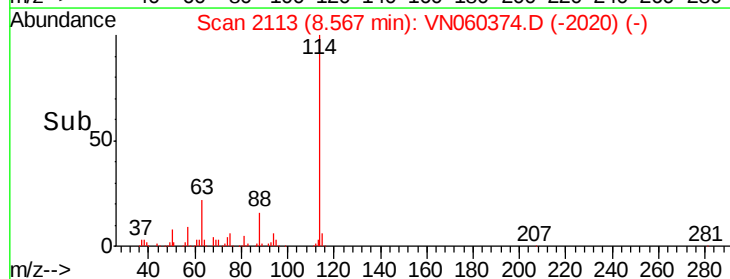
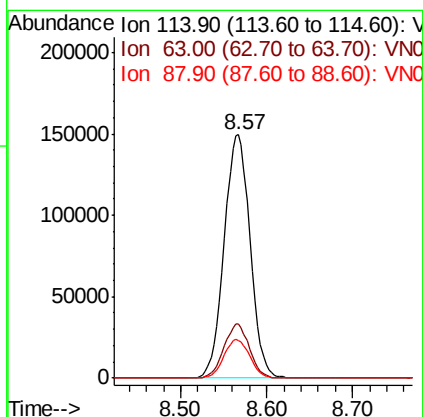
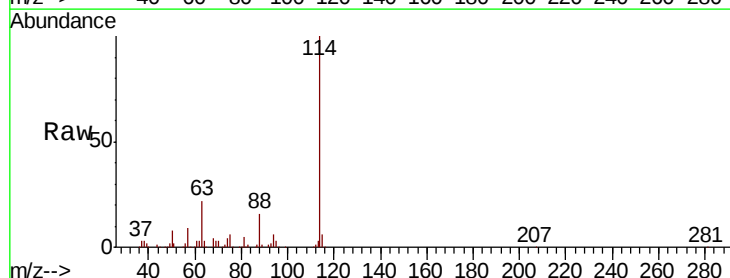
Instrument :
 MSVOA_N
 ClientSampleId :

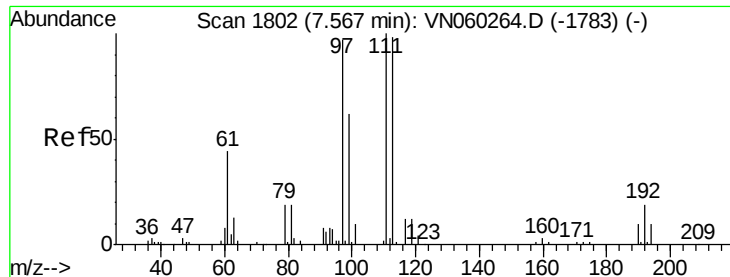
Tot Ion: 65 Resp: 120470
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 114 Resp: 313122
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 15.6 0.0 31.6

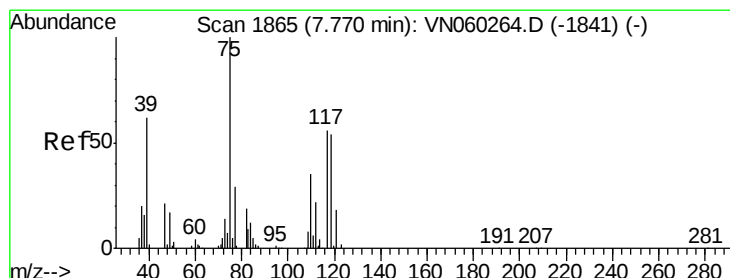
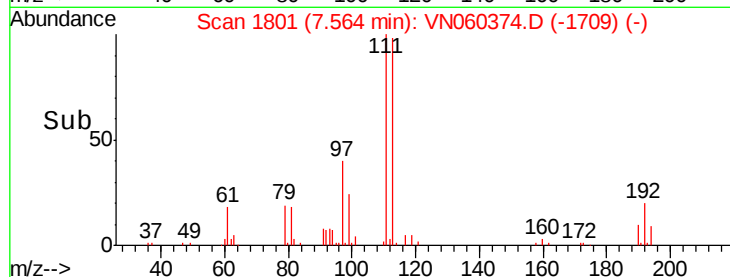
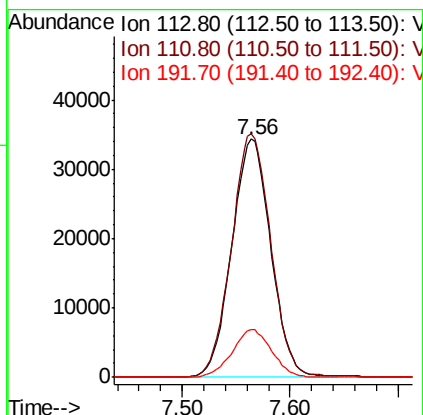
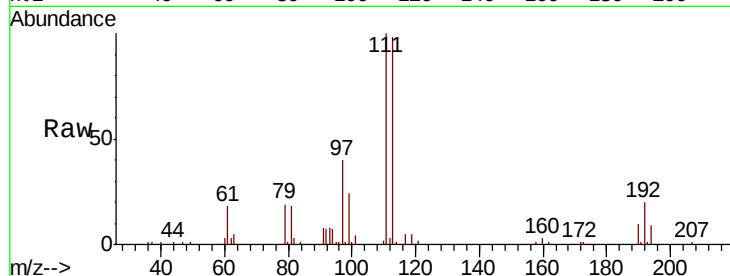




#35
 Dibromofluoromethane
 Concen: 59.599 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

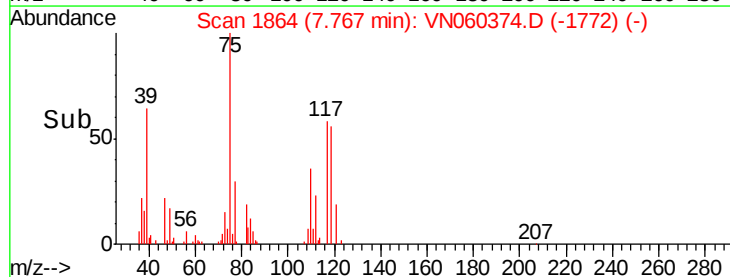
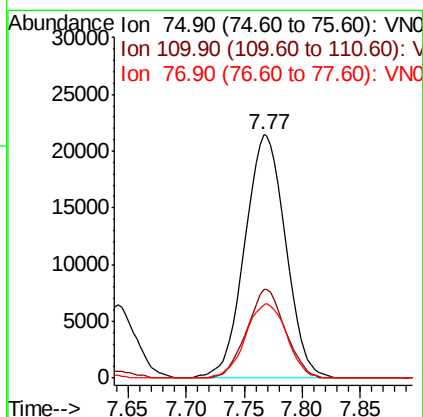
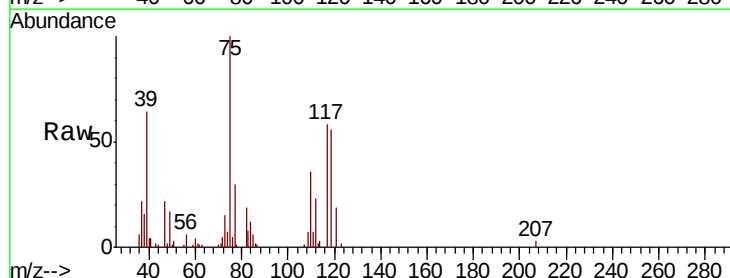
Instrument :
 MSVOA_N
 ClientSampled :

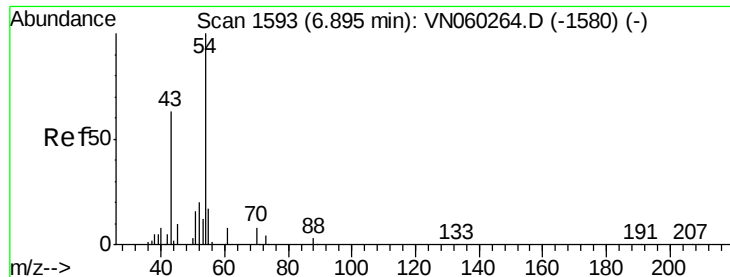
Tot Ion:113 Resp: 86622
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.633 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 75 Resp: 52621
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.3 52.0
 77 30.7 24.2 36.2

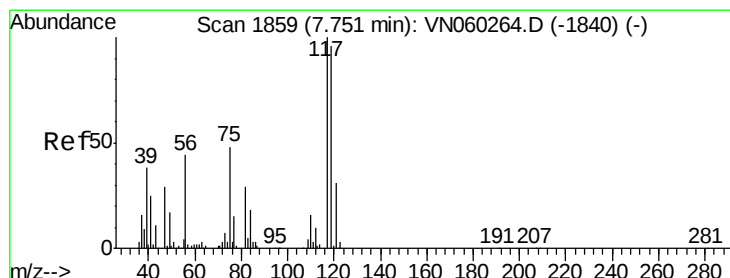
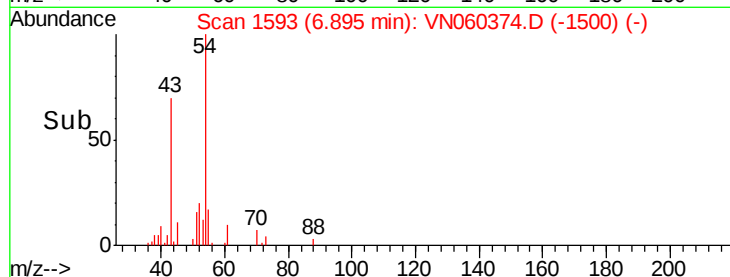
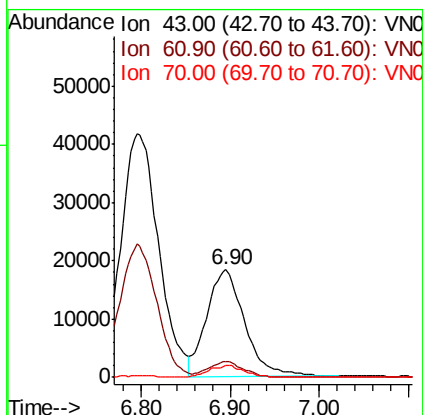
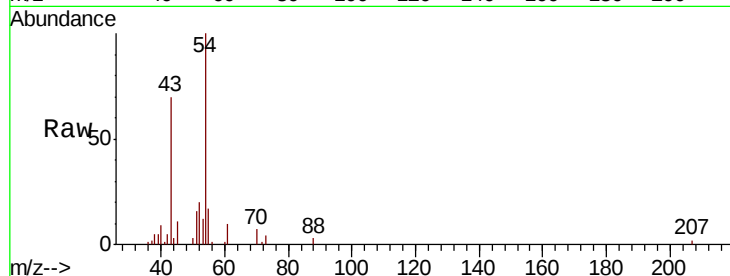




#37
Ethyl Acetate
Concen: 19.182 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

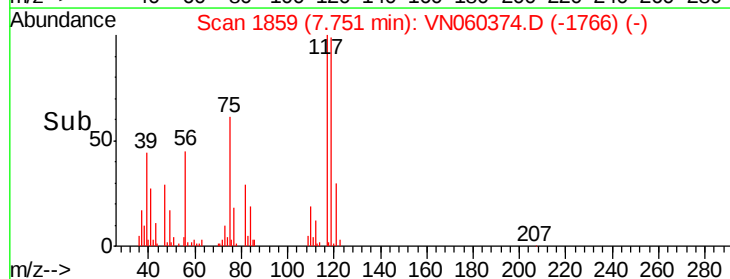
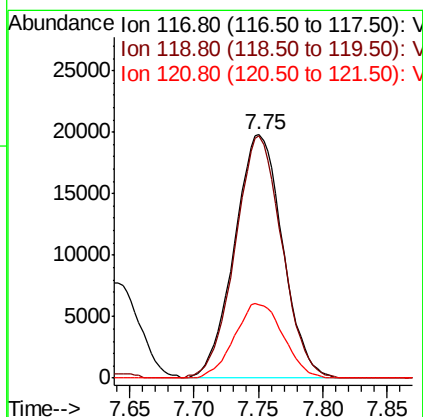
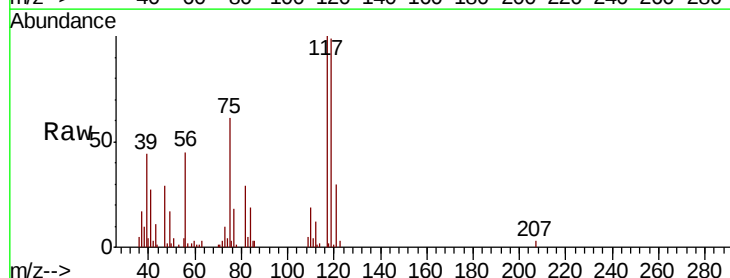
Instrument :
MSVOA_N
ClientSampled :

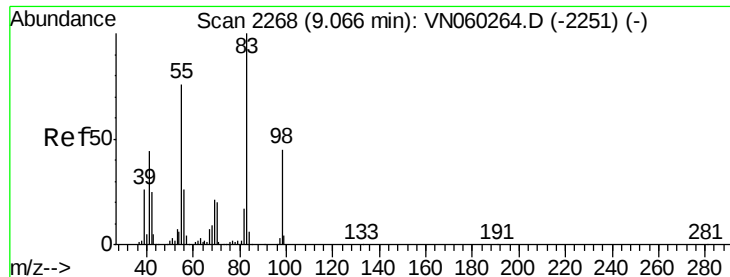
Tot Ion: 43 Resp: 54203
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.702 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 117 Resp: 51433
Ion Ratio Lower Upper
117 100
119 99.5 76.7 115.1
121 30.3 24.5 36.7

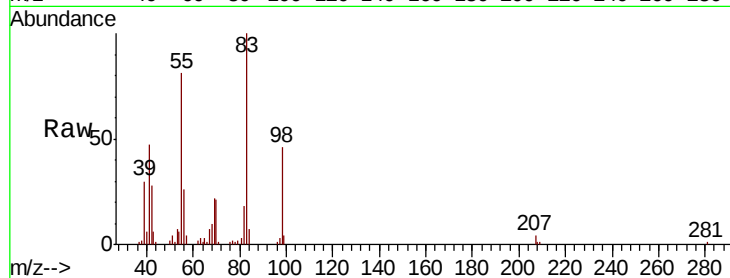




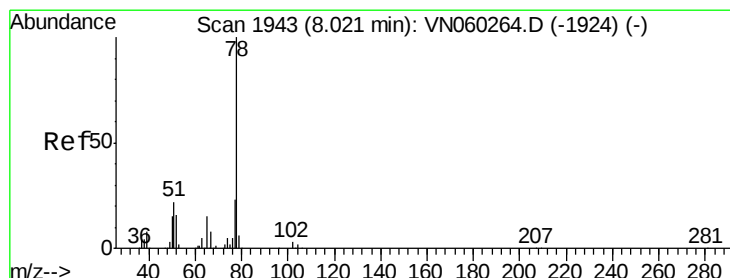
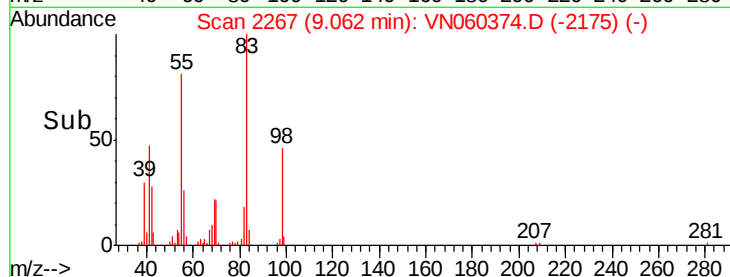
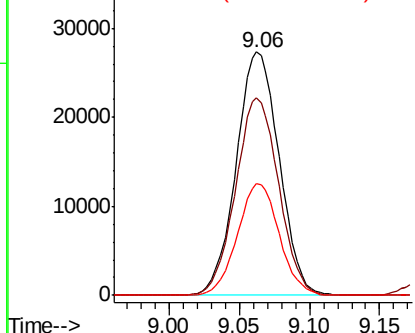
#39
Methvlcvclohexane
Concen: 16.536 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 58183
Ion Ratio Lower Upper
83 100
55 81.1 61.0 91.4
98 45.8 36.1 54.1

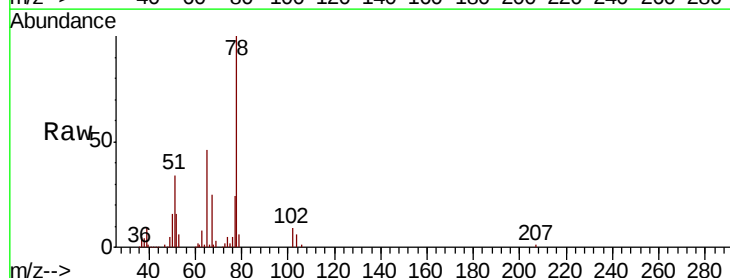


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

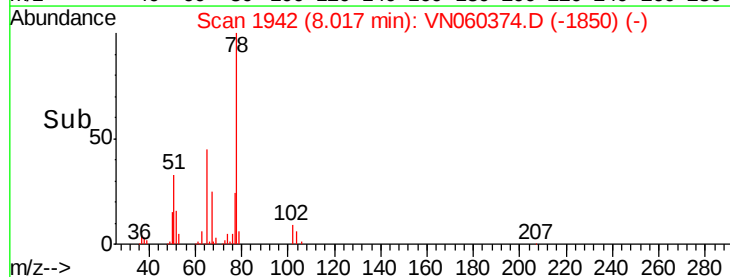
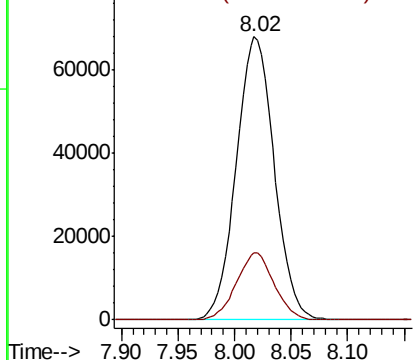


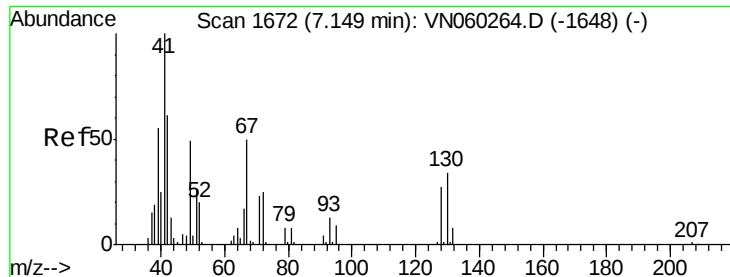
#40
Benzene
Concen: 18.307 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 78 Resp: 159009
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



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

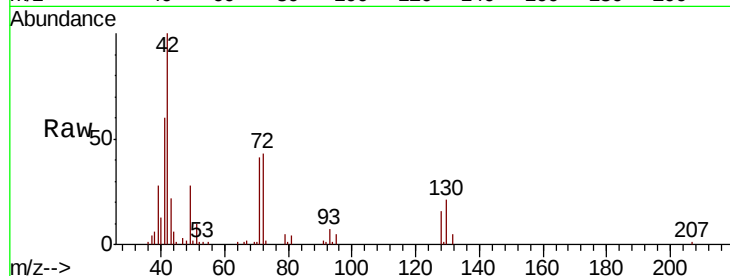




#41
Methacrylonitrile
Concen: 60.048 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	78345
Ion	Ratio	Lower	Upper
41	100		
39	50.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



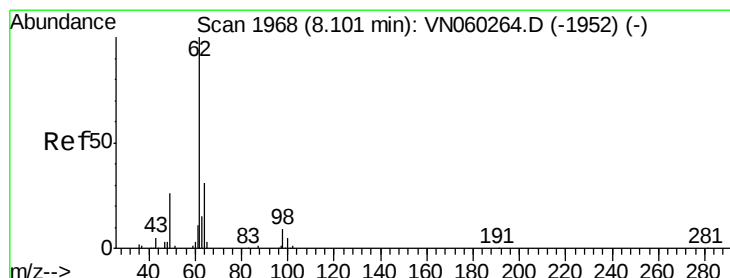
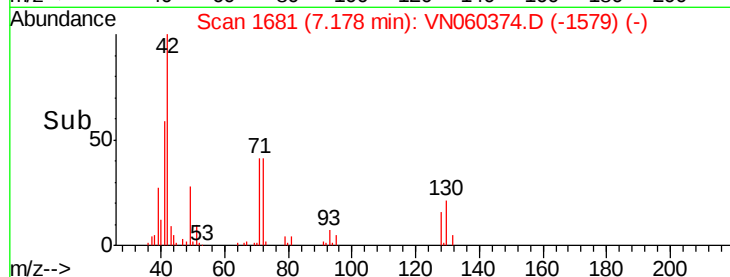
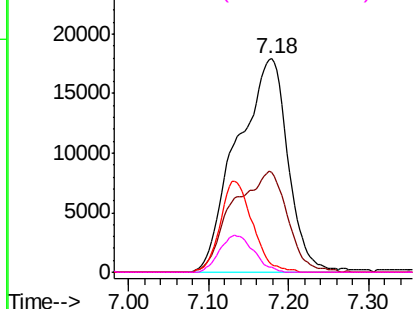
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

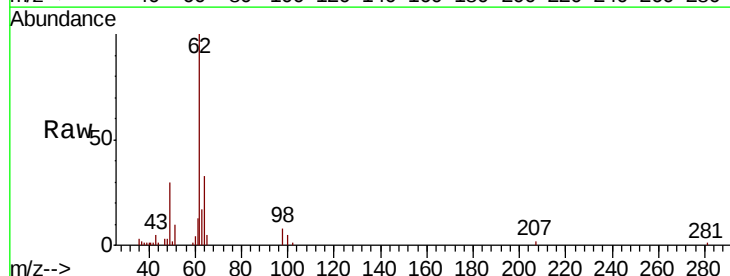
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 19.017 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

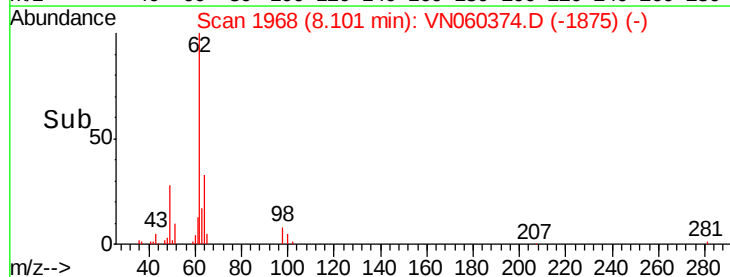
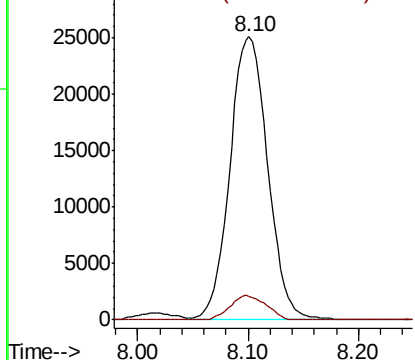
Tgt Ion:	62	Resp:	59605
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0

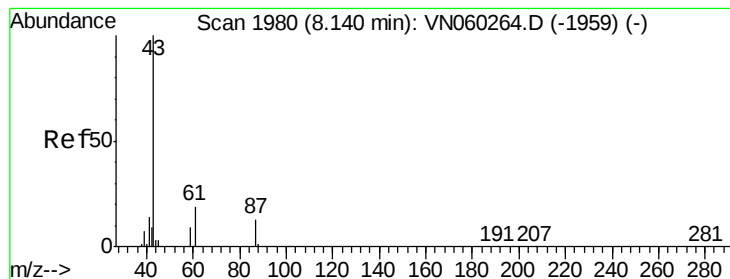


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



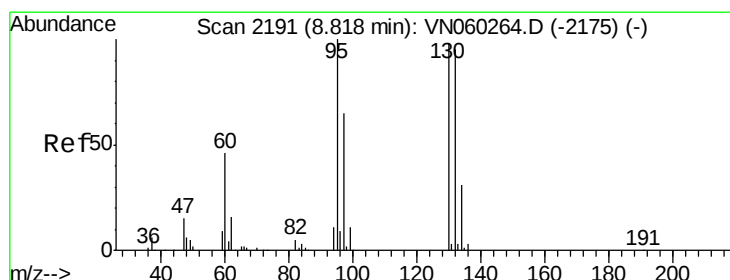
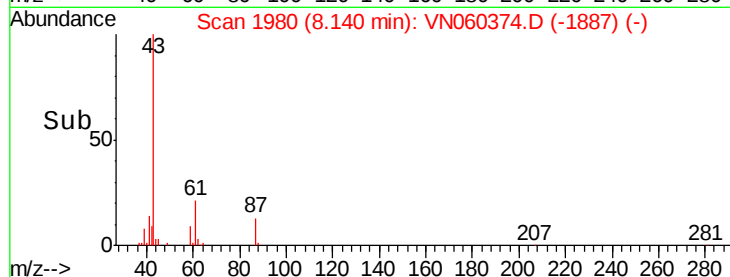
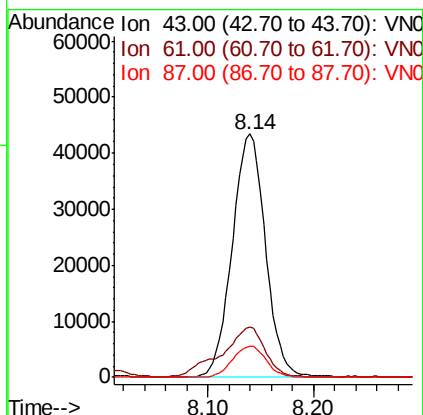
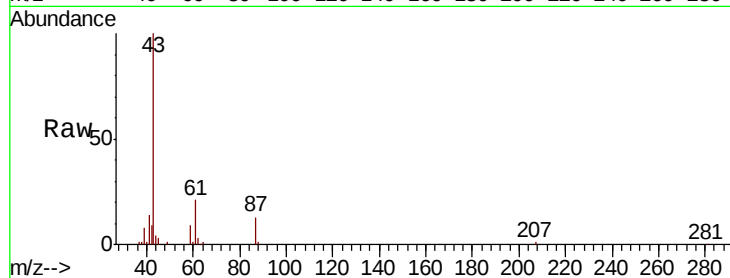


#43

Isopropyl Acetate
 Concen: 19.268 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Instrument :
 MSVOA_N
 ClientSampled :

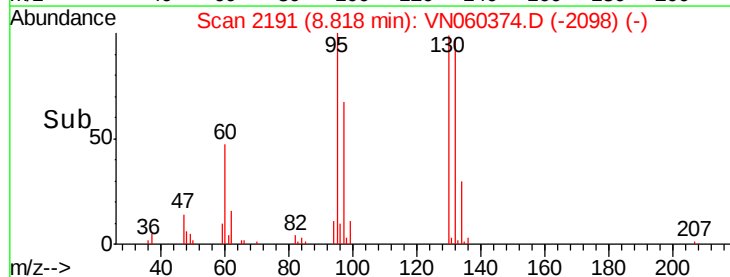
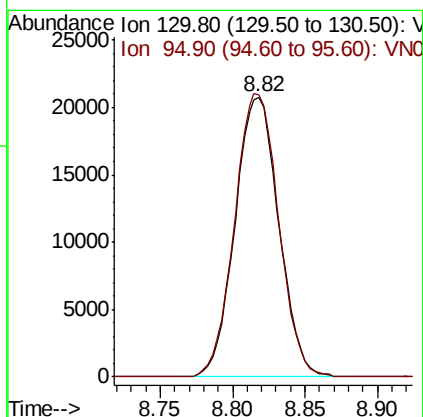
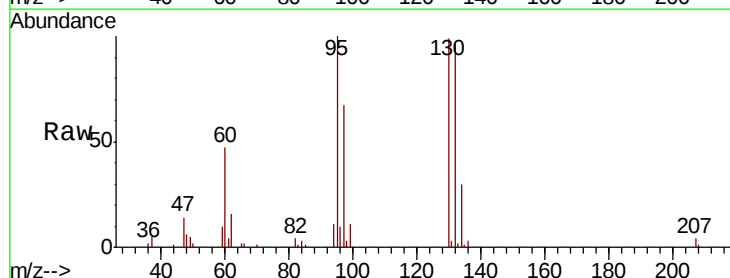
Tot Ion	43	Resp	95315
Ion Ratio	Lower	Upper	
43	100		
61	27.1	20.9	31.3
87	12.8	10.6	16.0

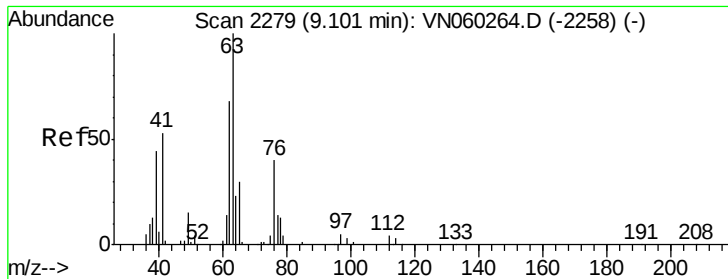


#44

Trichloroethene
 Concen: 17.991 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion	130	Resp	43522
Ion Ratio	Lower	Upper	
130	100		
95	100.8	0.0	203.4

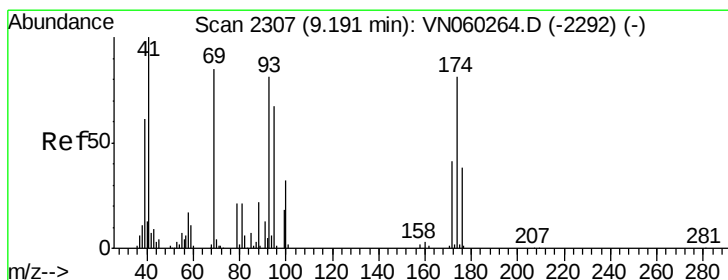
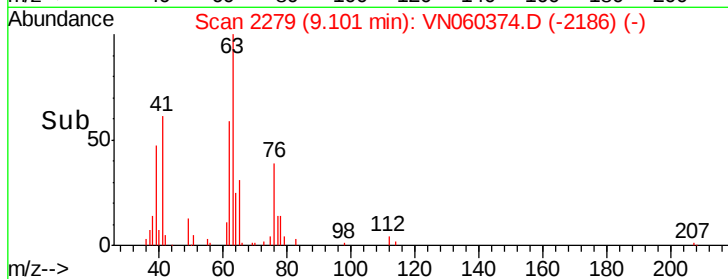
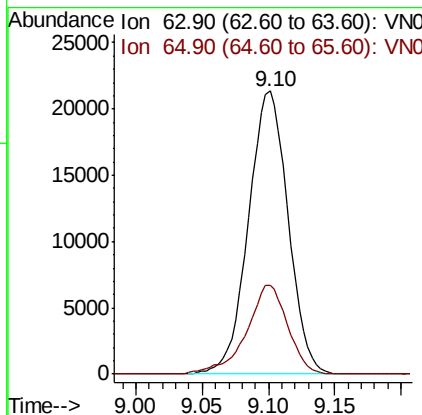
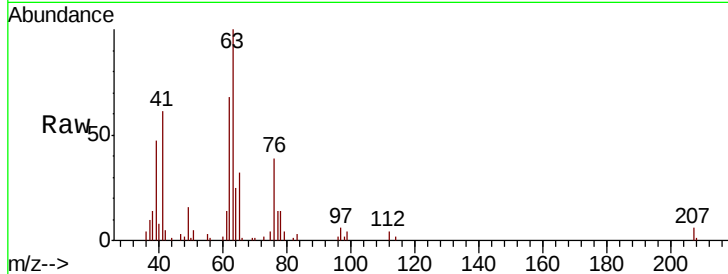




#45
 1,2-Dichloropropane
 Concen: 19.546 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

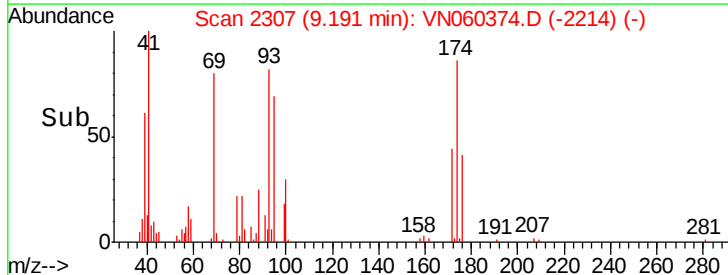
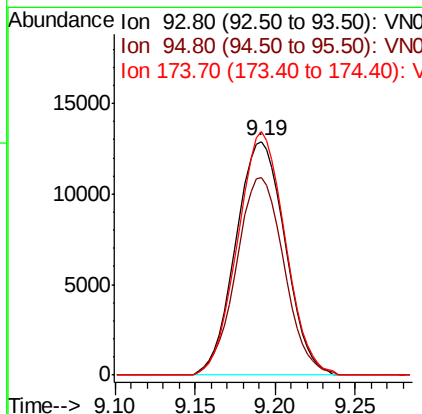
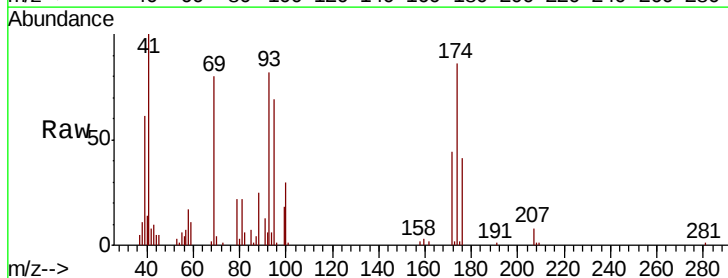
Instrument :
 MSVOA_N
 ClientSampled :

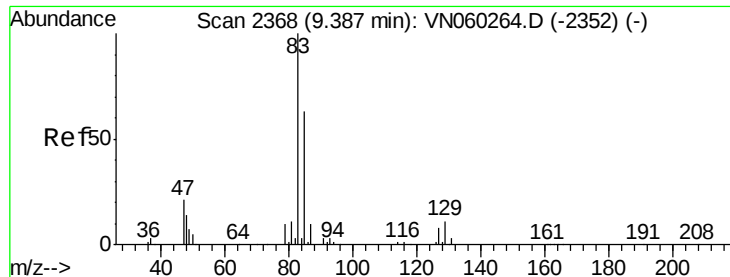
Tot Ion: 63 Resp: 44387
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 18.481 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 93 Resp: 27232
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.9 98.9
 174 100.6 79.6 119.4





#47

Bromodichloromethane

Concen: 19.348 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

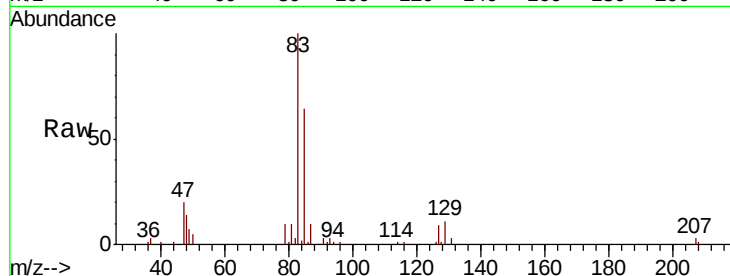
Tot Ion: 83 Resp: 57985

Ion Ratio Lower Upper

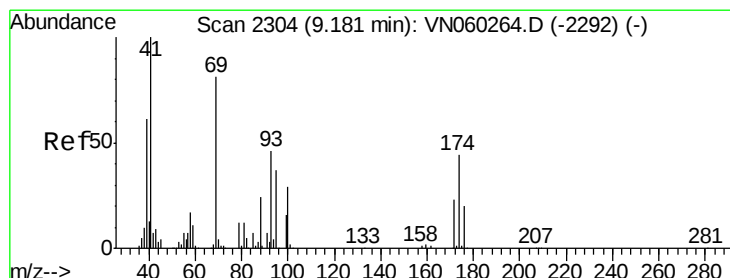
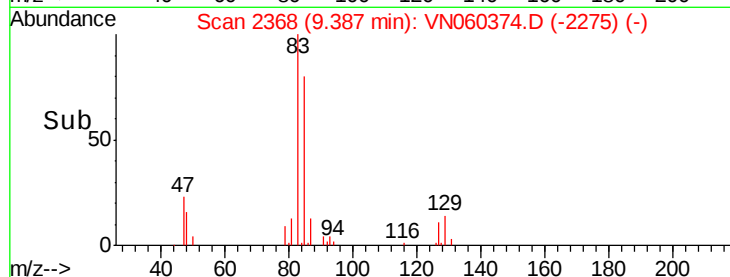
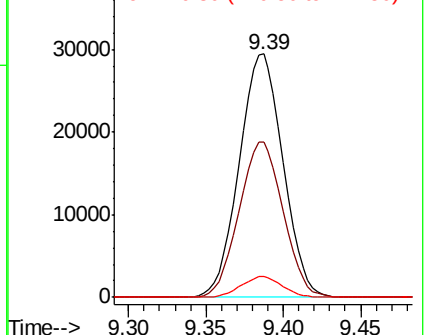
83 100

85 64.0 50.7 76.1

127 8.7 6.8 10.2



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



#48

Methyl methacrylate

Concen: 18.368 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

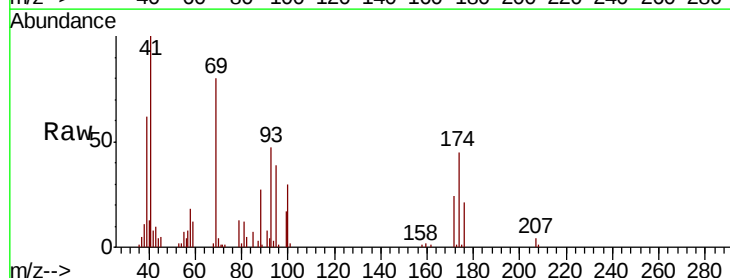
Tgt Ion: 41 Resp: 41434

Ion Ratio Lower Upper

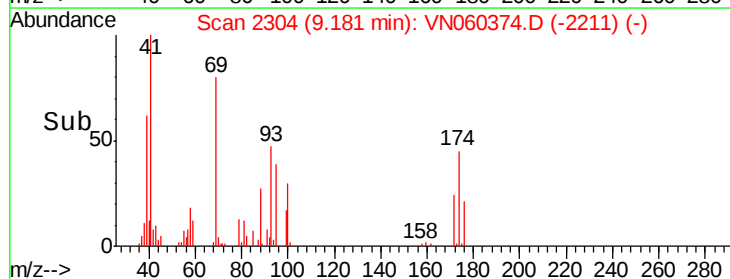
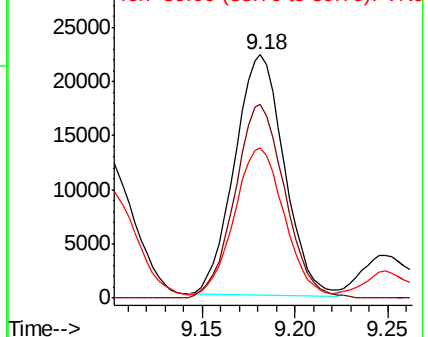
41 100

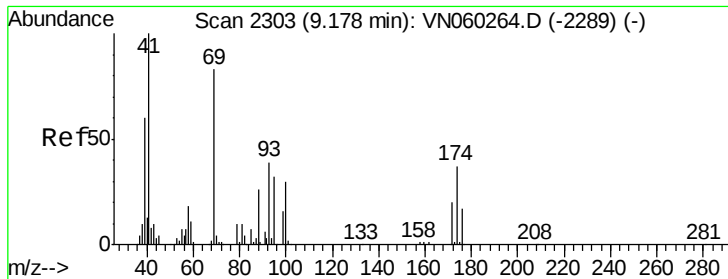
69 81.0 66.7 100.1

39 63.7 50.1 75.1



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

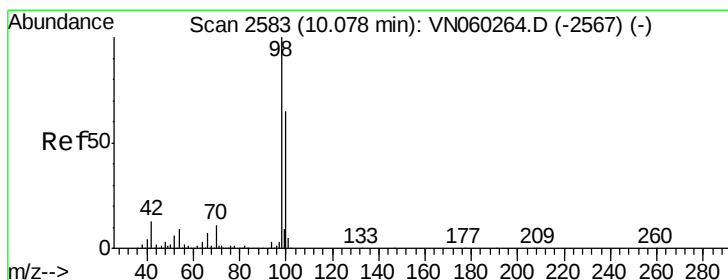
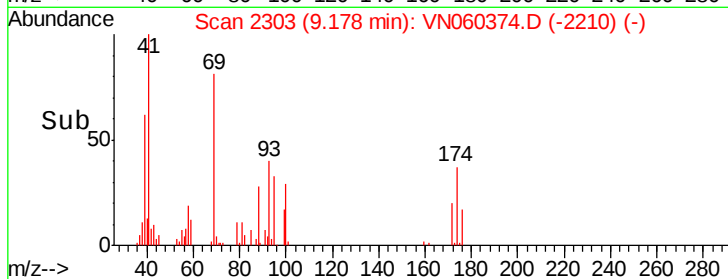
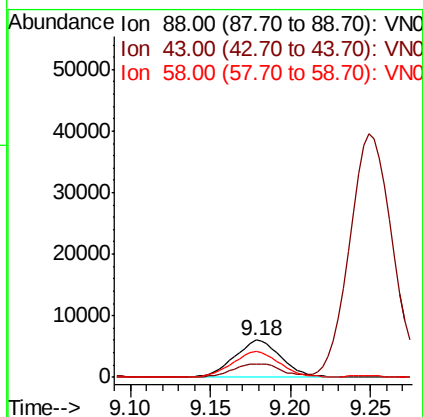
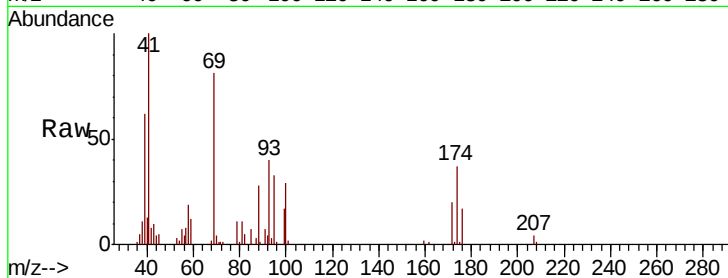




#49
 1,4-Dioxane
 Concen: 380.136 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

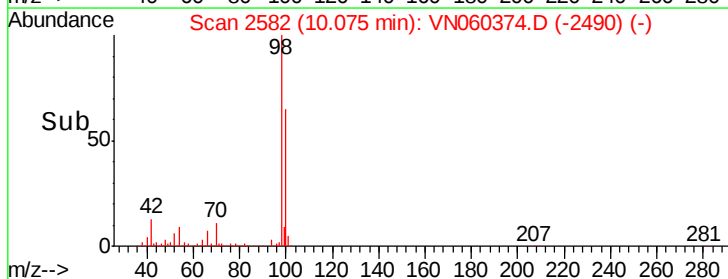
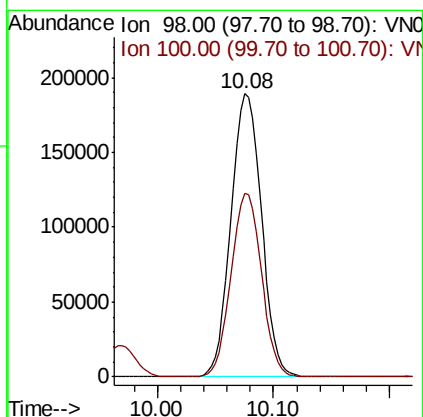
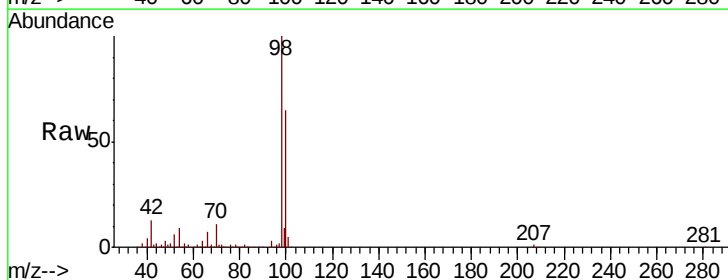
Instrument :
 MSVOA_N
 ClientSampled :

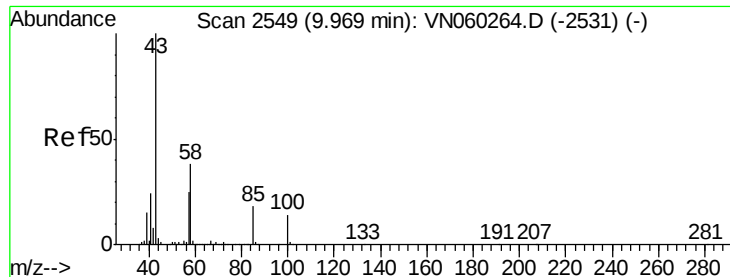
Tot Ion: 88 Resp: 12059
 Ion Ratio Lower Upper
 88 100
 43 38.0 30.4 45.6
 58 69.4 57.0 85.6



#50
 Toluene-d8
 Concen: 46.880 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 98 Resp: 344845
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.2 78.2

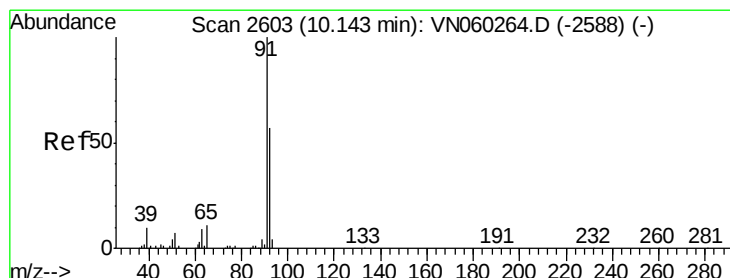
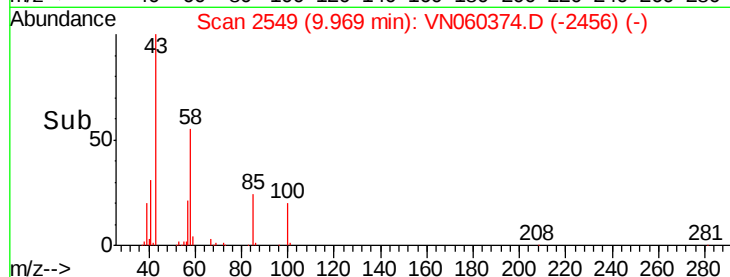
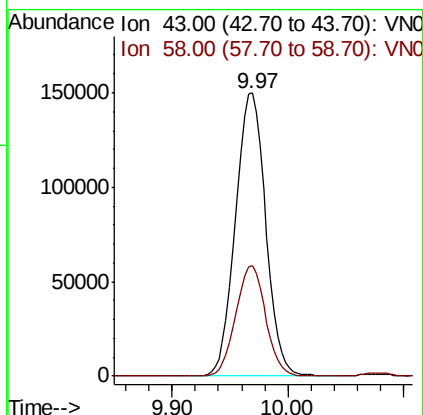
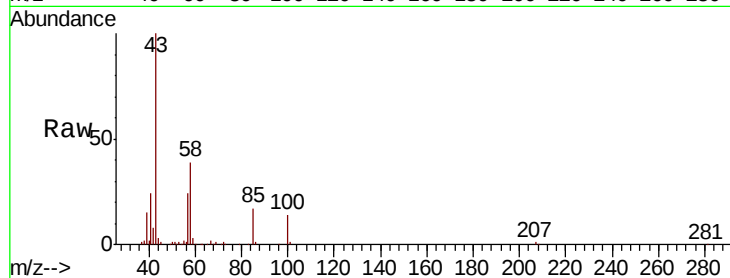




#51
4-Methyl-2-Pentanone
Concen: 96.683 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

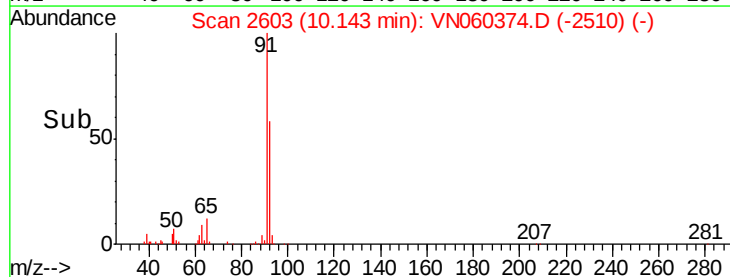
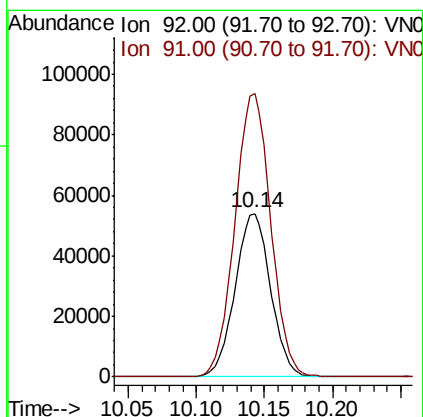
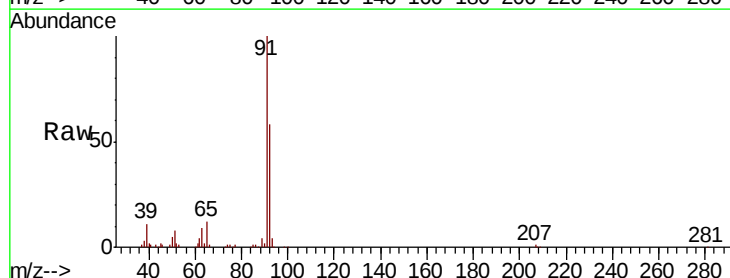
Instrument :
MSVOA_N
ClientSampled :

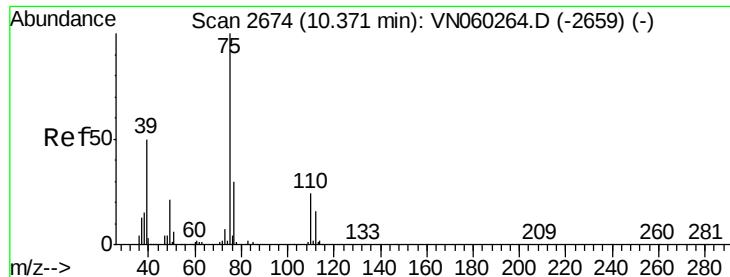
Tot Ion: 43 Resp: 271172
Ion Ratio Lower Upper
43 100
58 38.5 30.9 46.3



#52
Toluene
Concen: 17.859 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 92 Resp: 97441
Ion Ratio Lower Upper
92 100
91 175.2 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 18.489 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

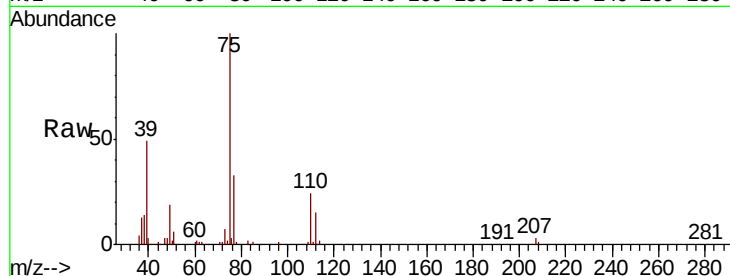
ClientSampleId :

Tot Ion: 75 Resp: 67894

Ion Ratio Lower Upper

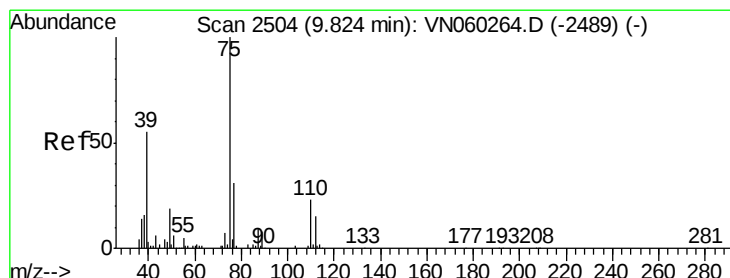
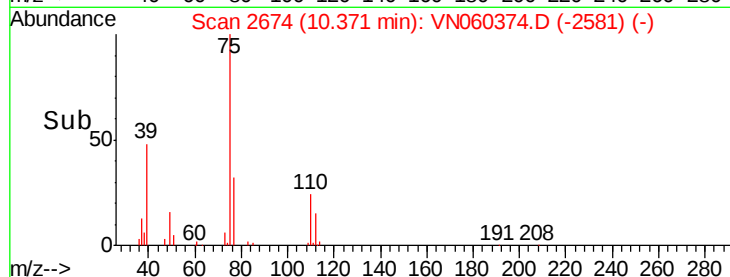
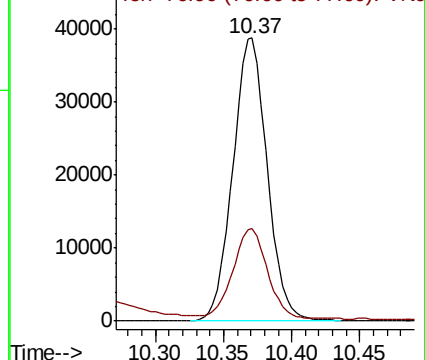
75 100

77 31.6 24.8 37.2



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: 18.926 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

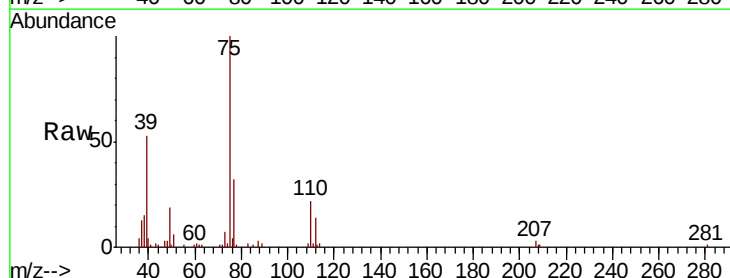
Tgt Ion: 75 Resp: 72016

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

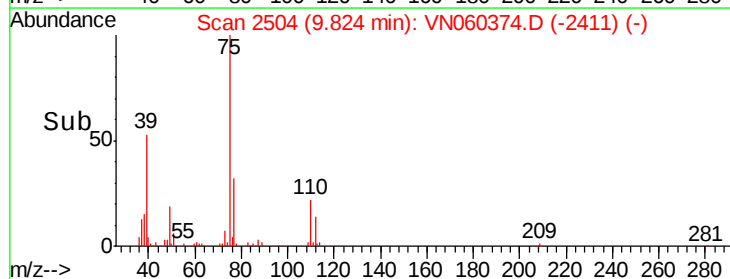
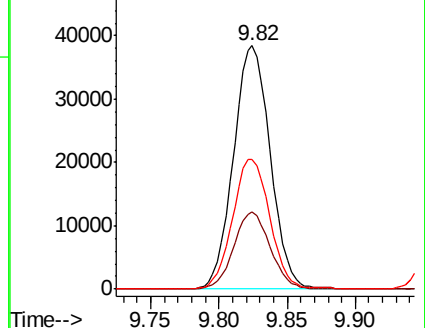
39 53.3 43.8 65.8

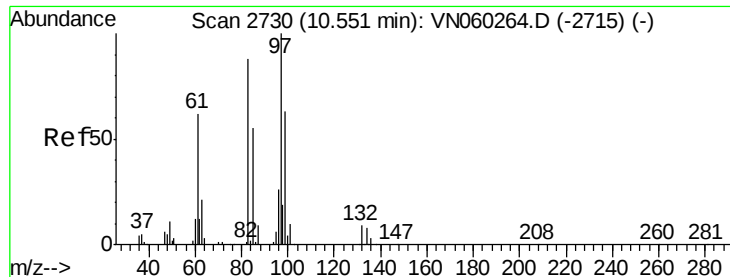


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

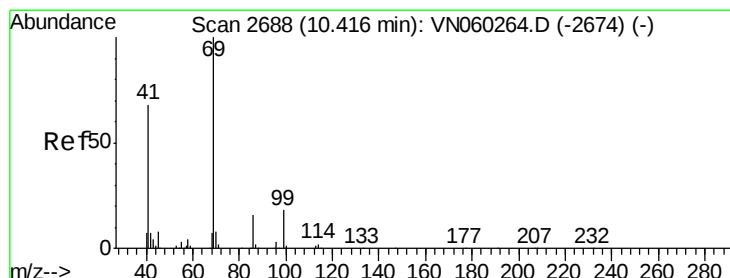
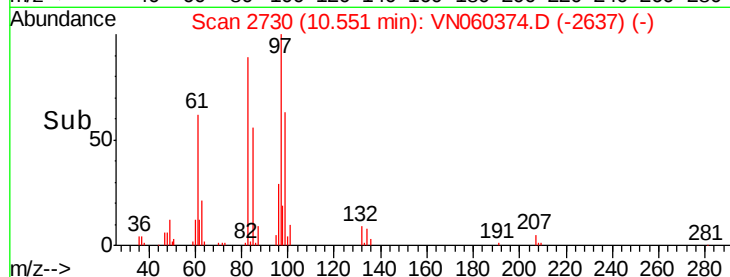
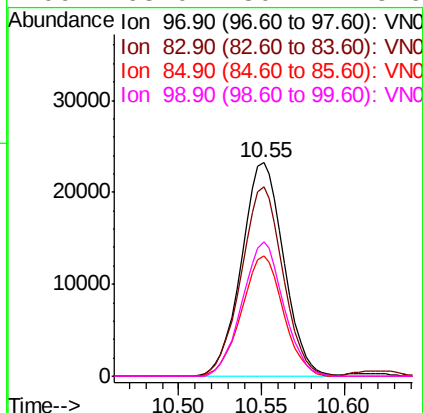
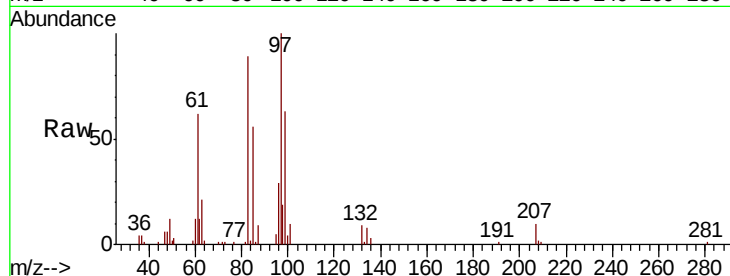




#55
 1,1,2-Trichloroethane
 Concen: 18.842 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

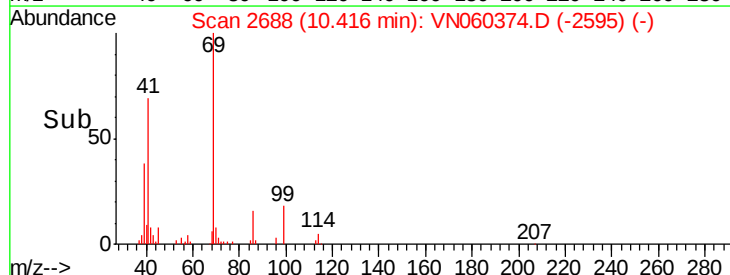
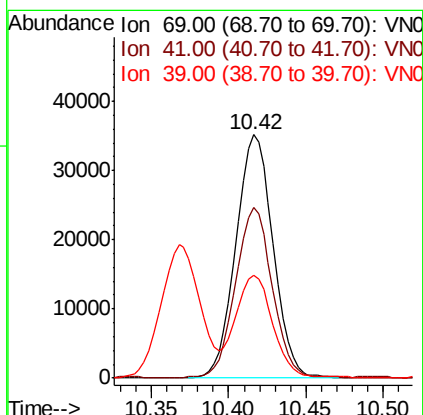
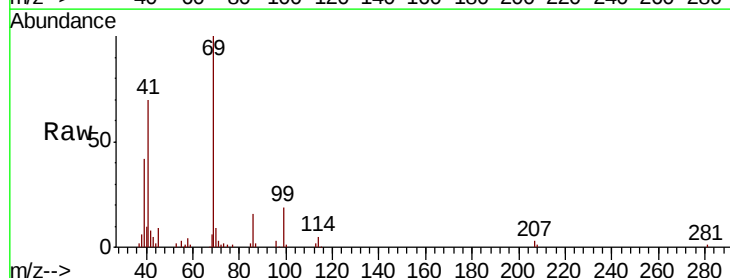
Instrument :
 MSVOA_N
 ClientSampleId :

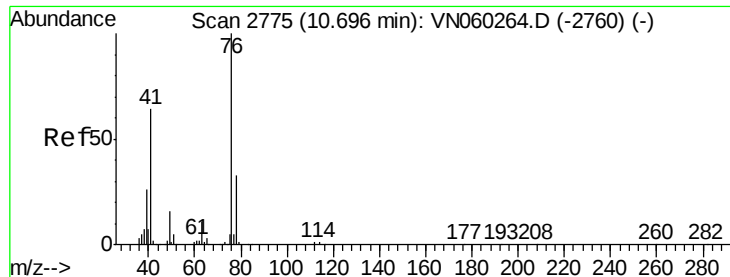
Tot Ion:	97	Resp:	41341
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.0	105.0
85	56.5	44.0	66.0
99	63.0	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 18.667 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion:	69	Resp:	58843
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.1	81.1
39	41.8	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.429 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

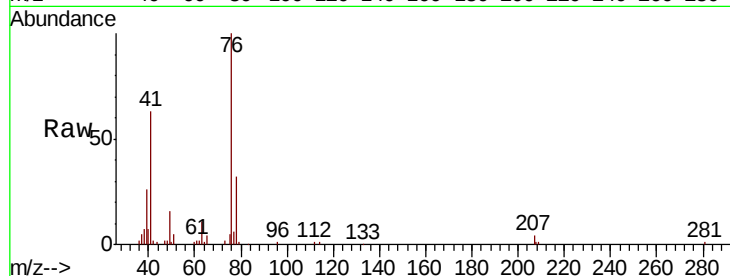
ClientSampled :

Tot Ion: 76 Resp: 69521

Ion Ratio Lower Upper

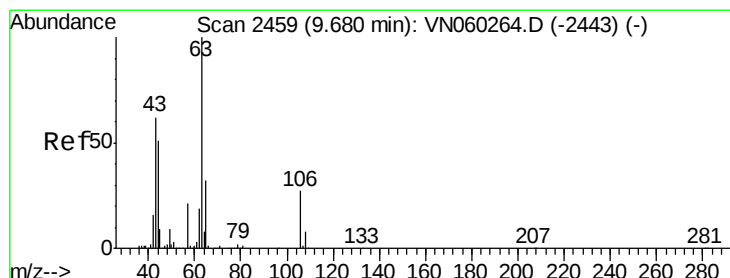
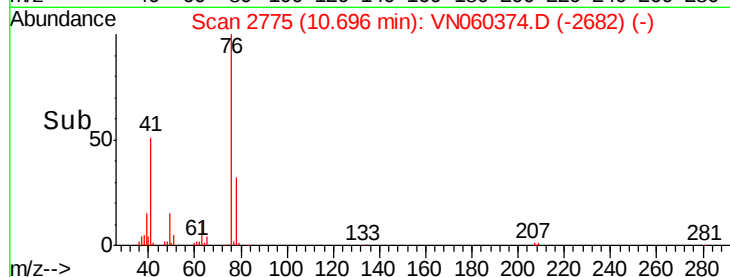
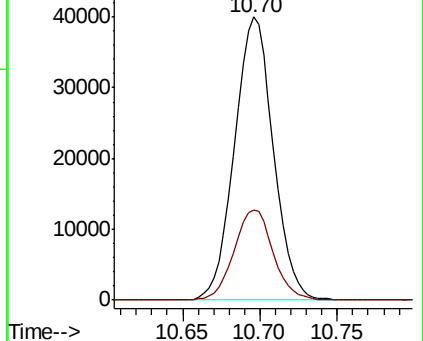
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060374.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060374.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 98.343 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060374.D

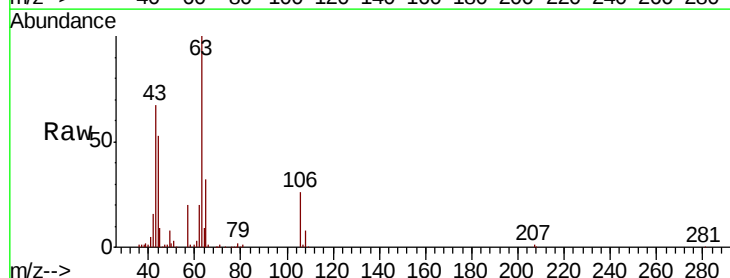
Acq: 6 Mar 2020 12:49

Tgt Ion: 63 Resp: 162130

Ion Ratio Lower Upper

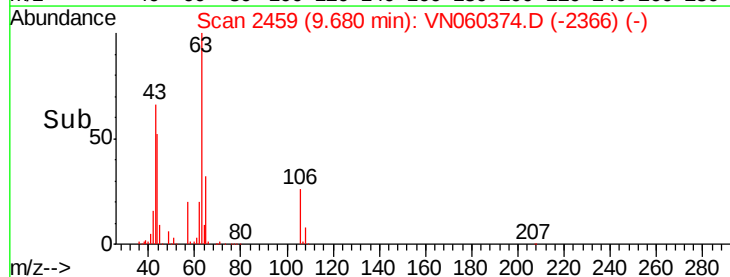
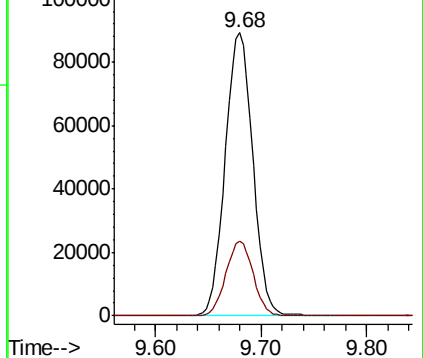
63 100

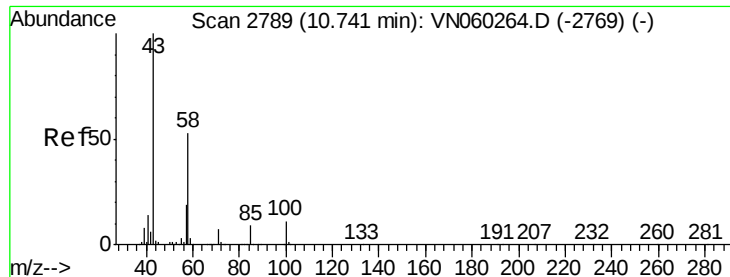
106 26.0 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060374.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060374.D (-2366) (-)

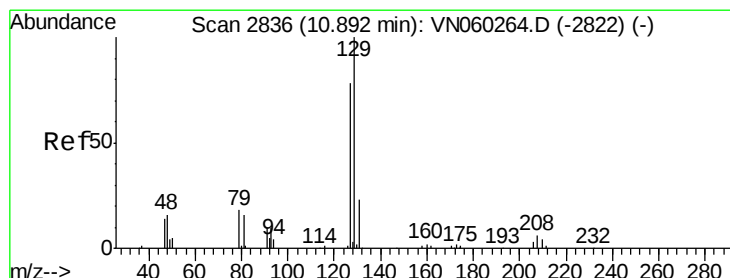
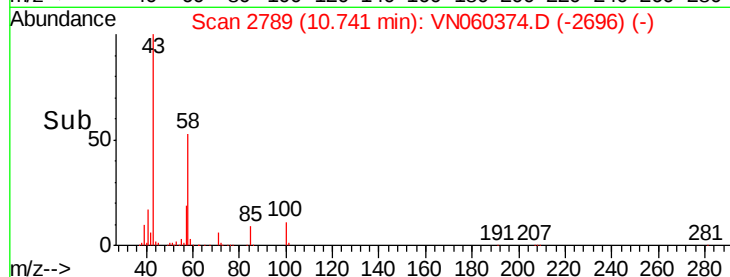
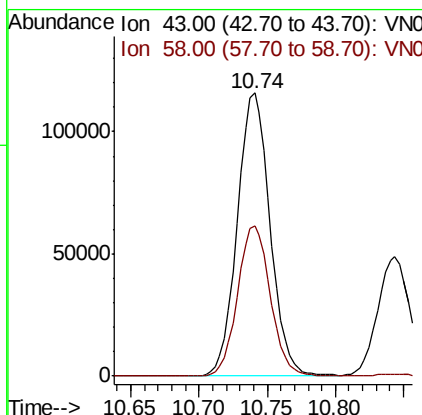
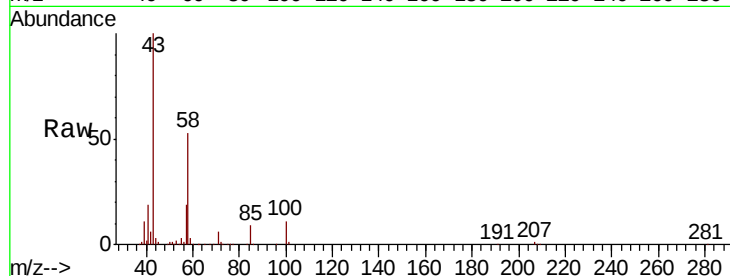




#59
2-Hexanone
Concen: 93.943 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

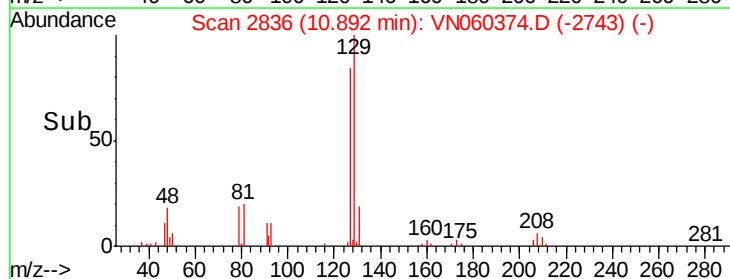
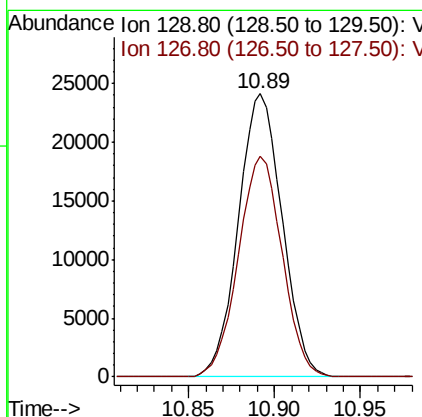
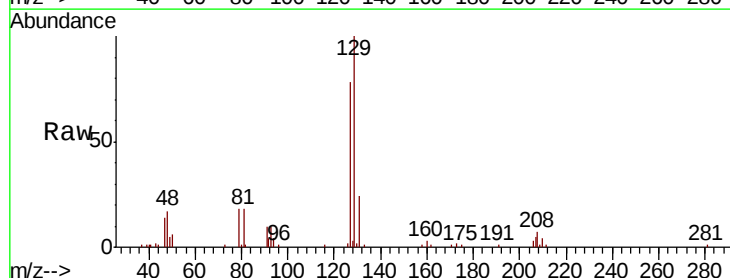
Instrument :
MSVOA_N
ClientSampleId :

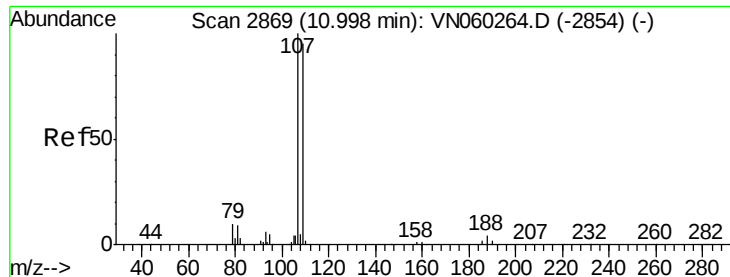
Tot Ion: 43 Resp: 193458
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 19.143 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion: 129 Resp: 42714
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

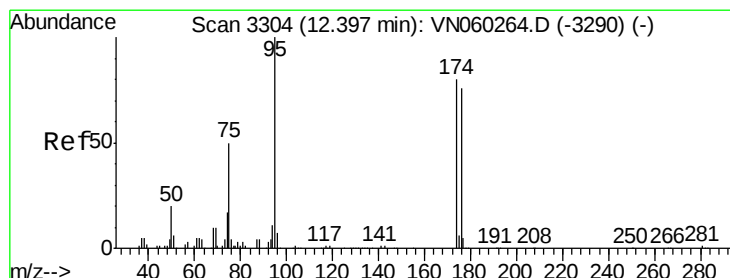
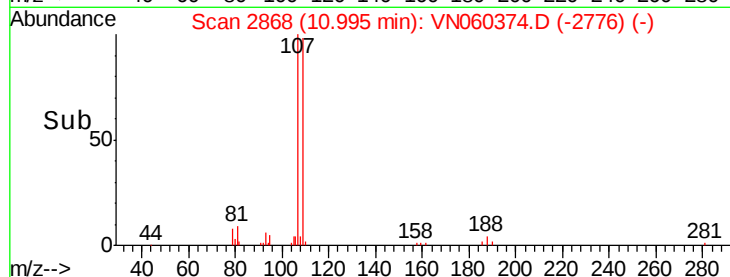
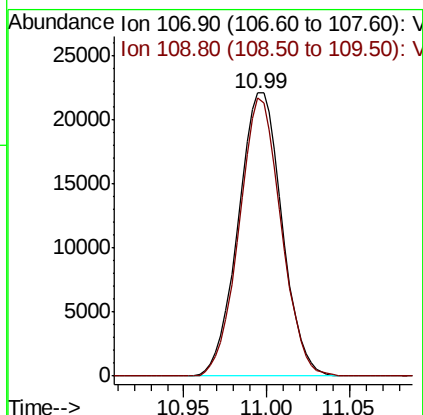
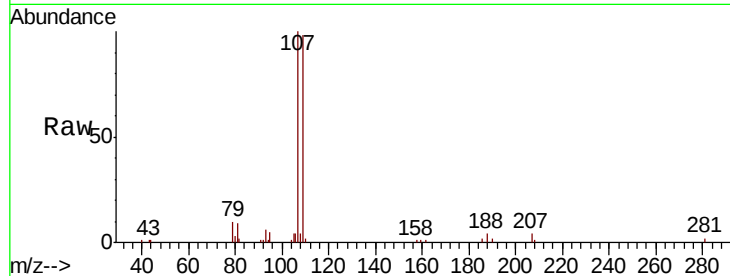




#61
 1,2-Dibromoethane
 Concen: 18.882 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

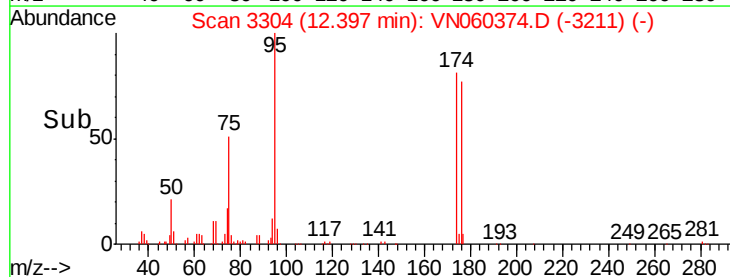
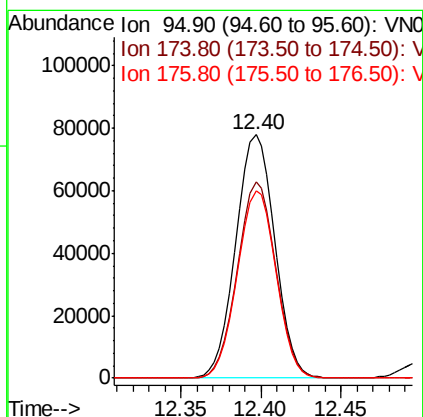
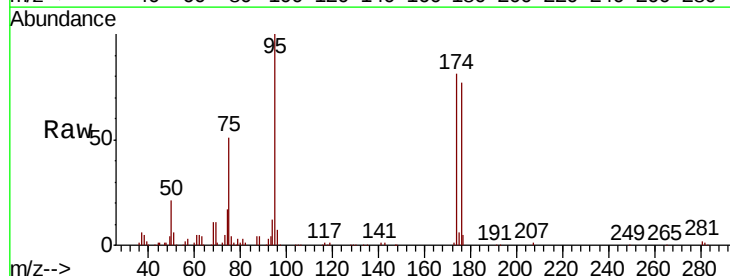
Instrument :
 MSVOA_N
 ClientSampleId :

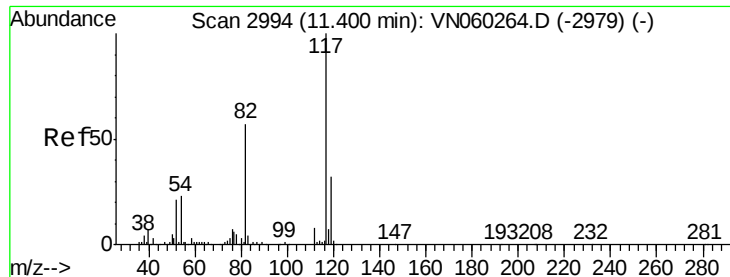
Tot Ion:107 Resp: 40387
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 46.405 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion: 95 Resp: 129397
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 159.2
 176 76.4 0.0 153.8

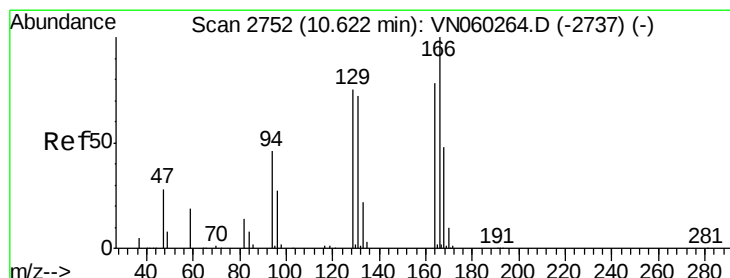
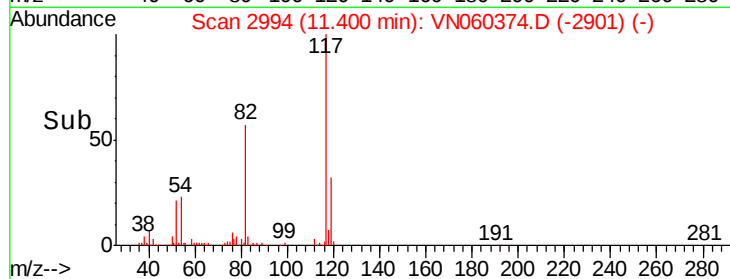
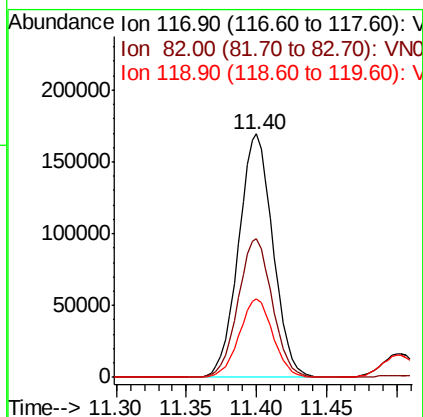
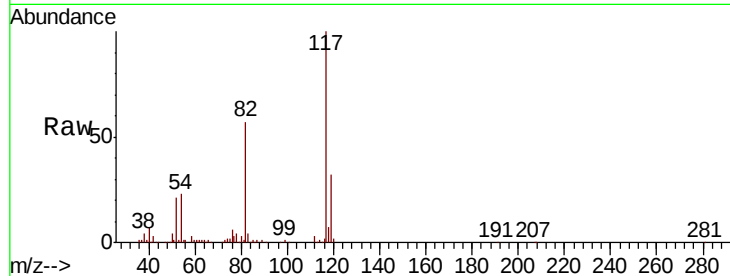




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

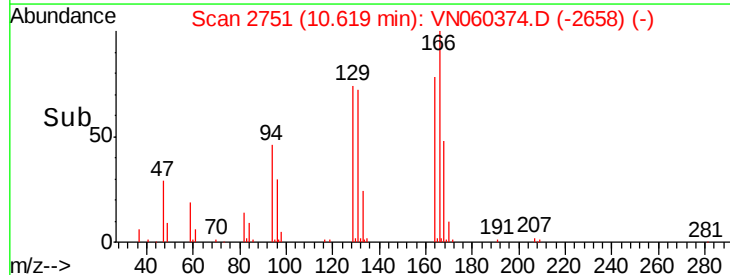
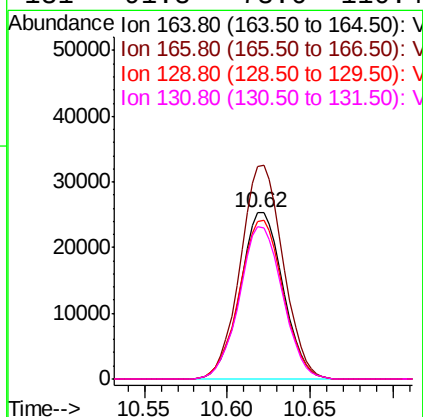
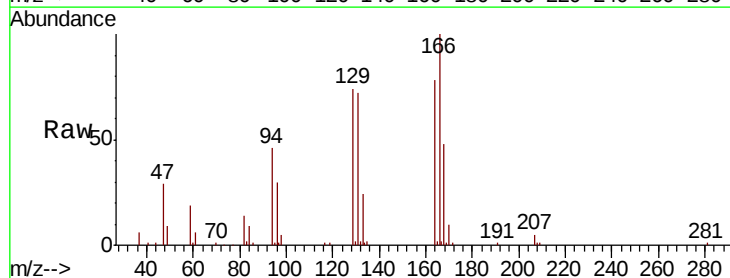
Instrument :
MSVOA_N
ClientSampled :

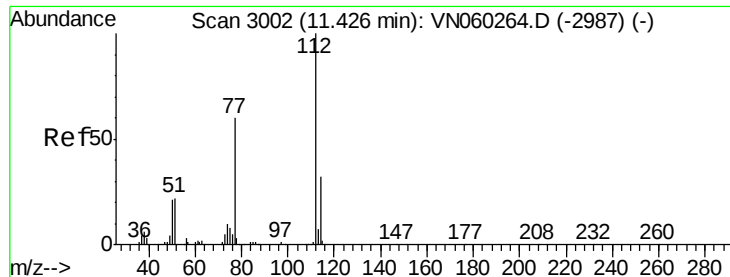
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.6
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 19.169 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.0	153.0
129	94.9	76.4	114.6
131	91.8	73.6	110.4





#65

Chlorobenzene

Concen: 18.121 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

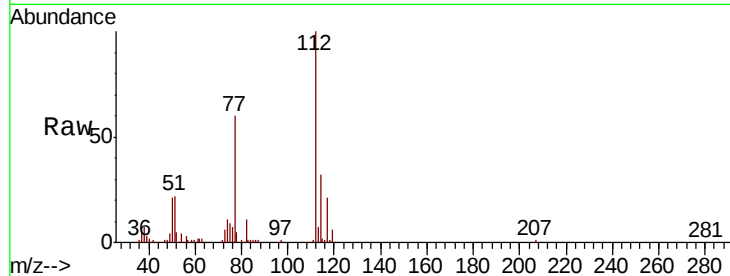
ClientSampleId :

Tot Ion:112 Resp: 105730

Ion Ratio Lower Upper

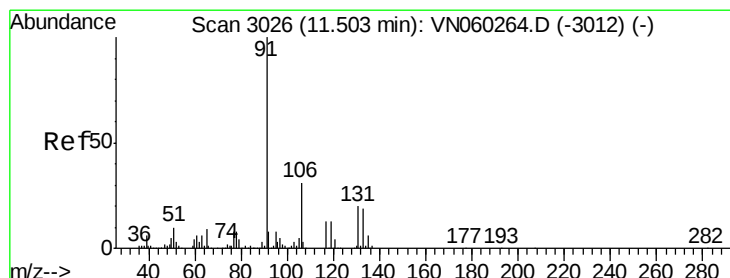
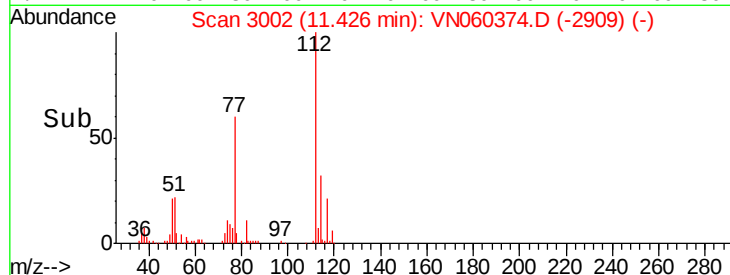
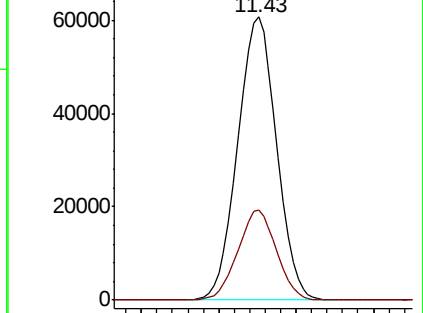
112 100

114 31.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.822 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

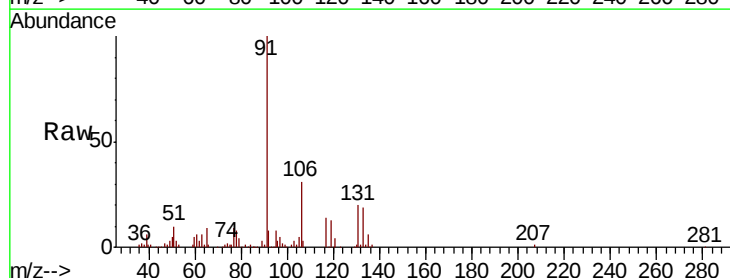
Tgt Ion:131 Resp: 40607

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

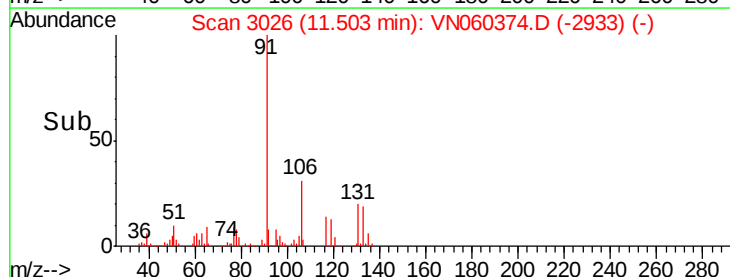
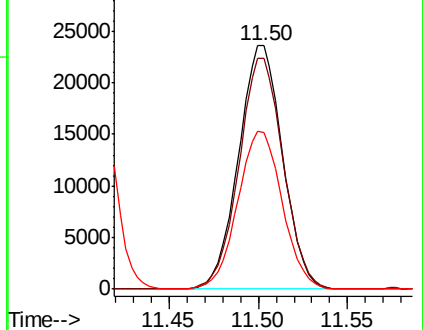
119 65.3 33.2 99.6

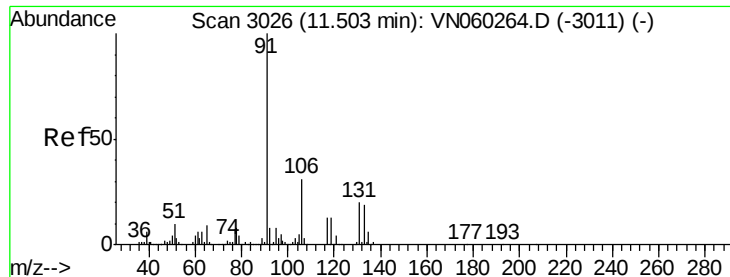


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.076 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

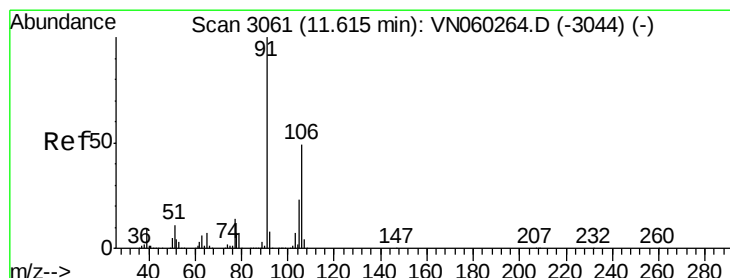
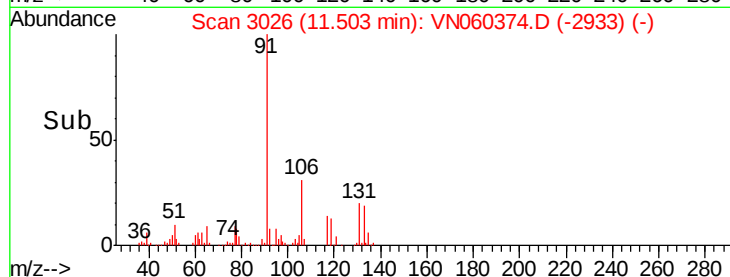
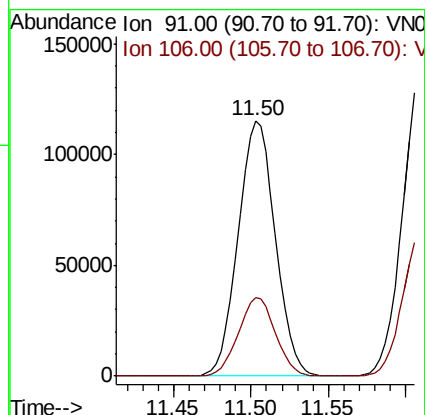
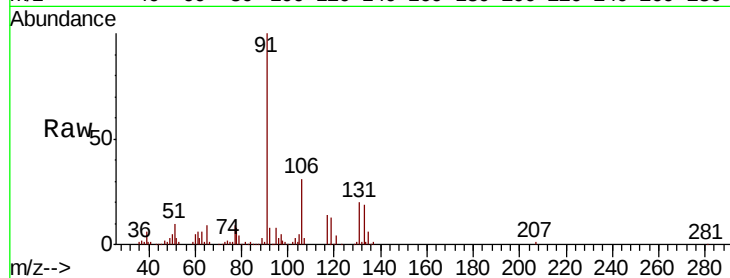
ClientSampled :

Tot Ion: 91 Resp: 192069

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 35.622 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060374.D

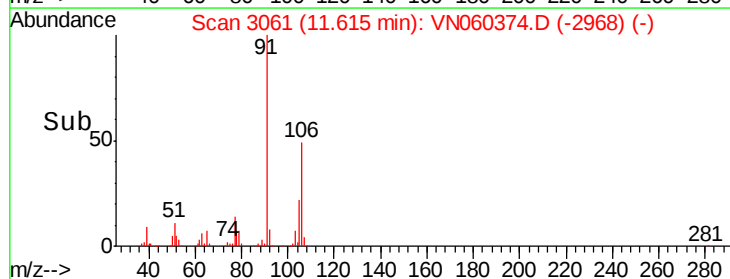
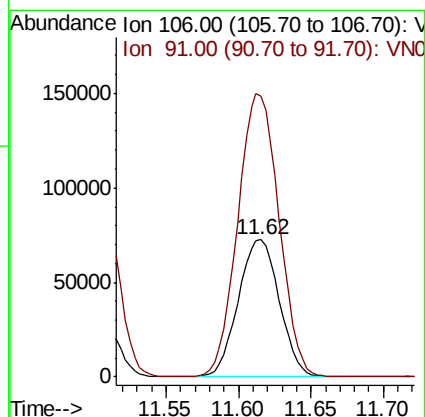
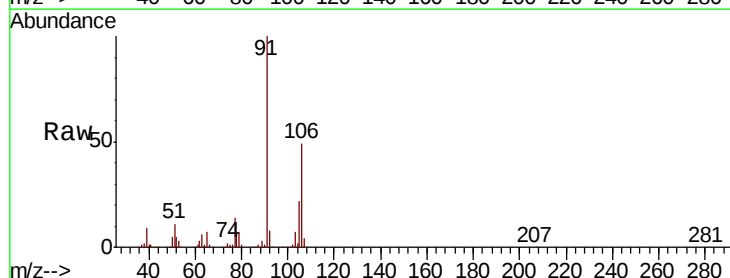
Acq: 6 Mar 2020 12:49

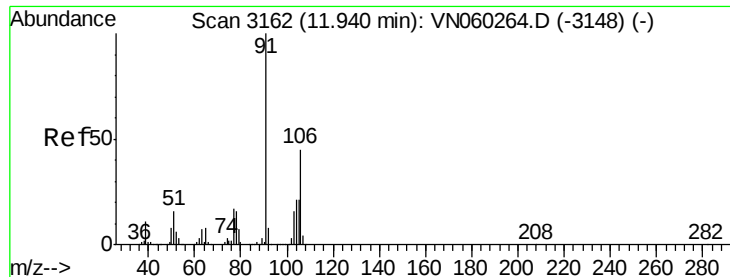
Tgt Ion: 106 Resp: 142806

Ion Ratio Lower Upper

106 100

91 207.4 164.5 246.7

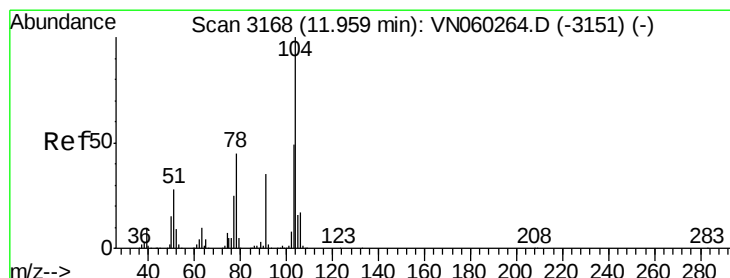
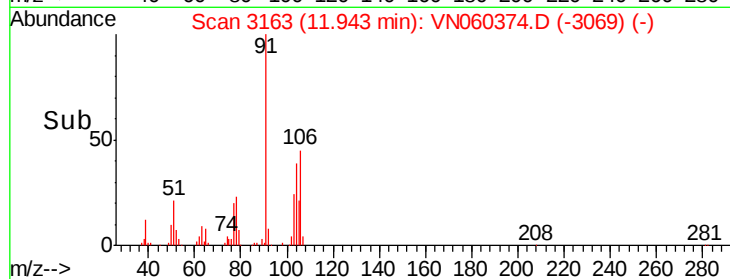
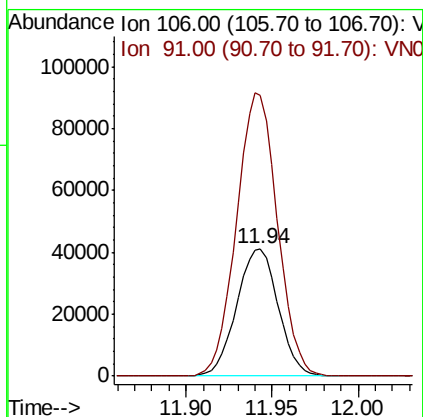
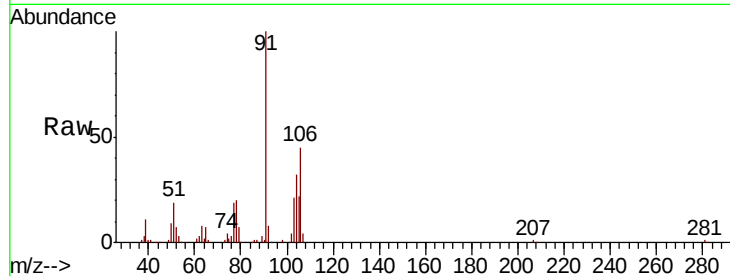




#69
o-Xylene
Concen: 18.023 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

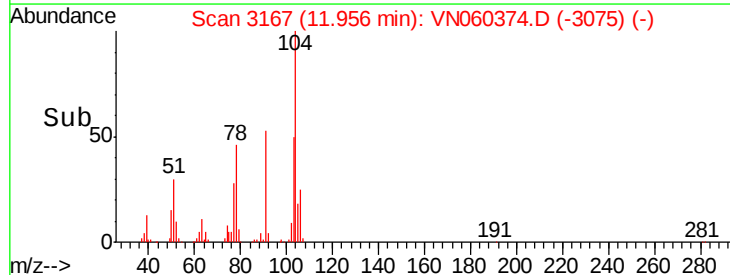
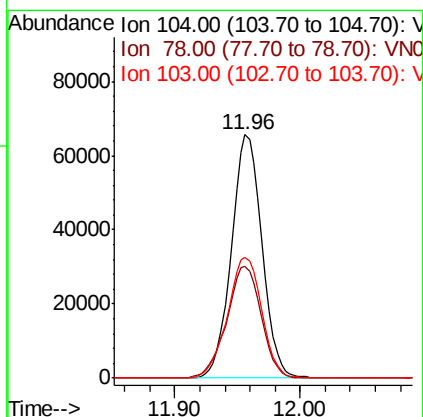
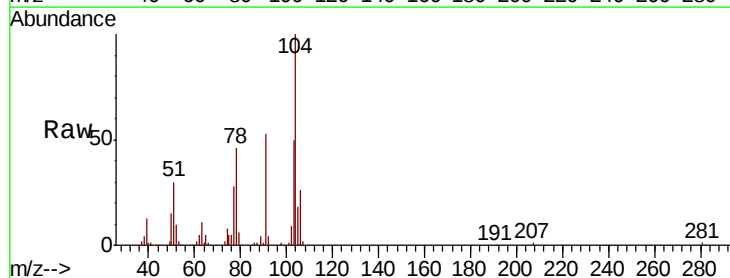
Instrument :
MSVOA_N
ClientSampled :

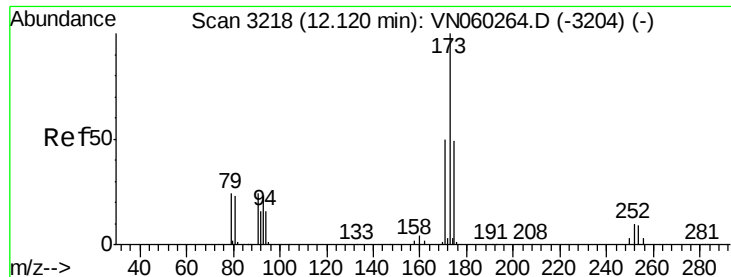
Tot Ion:106 Resp: 68898
Ion Ratio Lower Upper
106 100
91 218.6 109.5 328.4



#70
Styrene
Concen: 17.684 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion:104 Resp: 111146
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 55.5 43.9 65.9

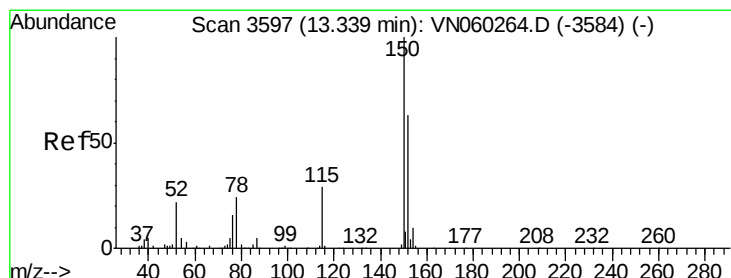
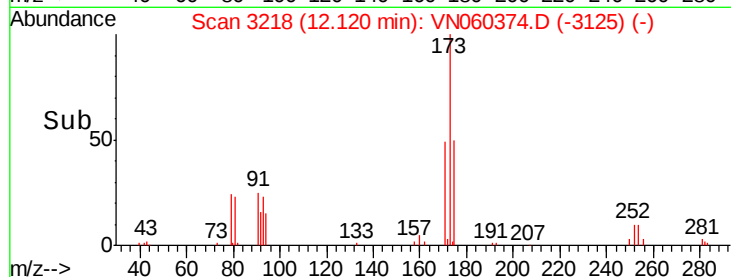
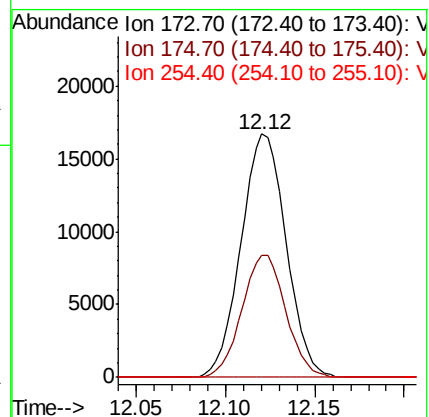
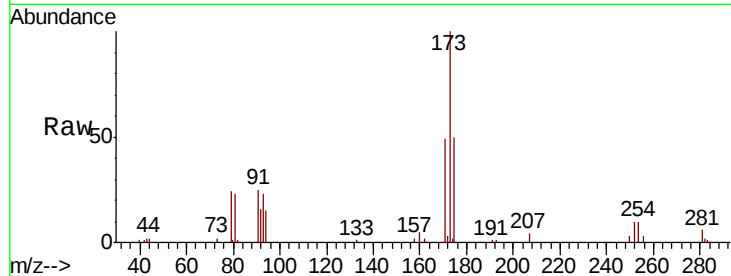




#71
Bromoform
Concen: 18.933 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

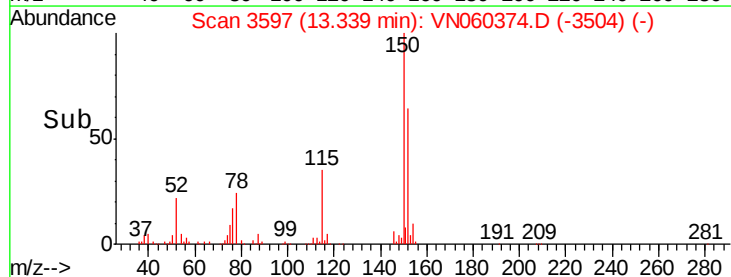
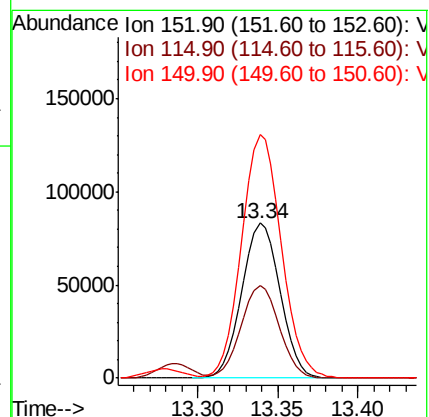
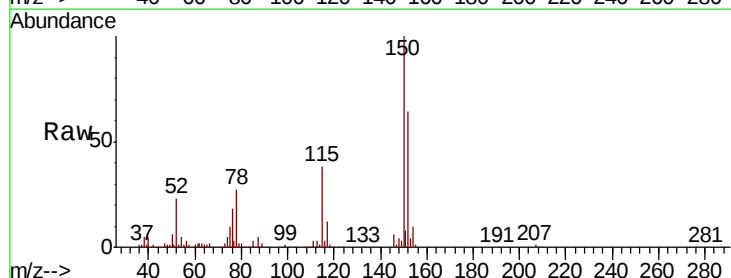
Instrument :
MSVOA_N
ClientSampled :

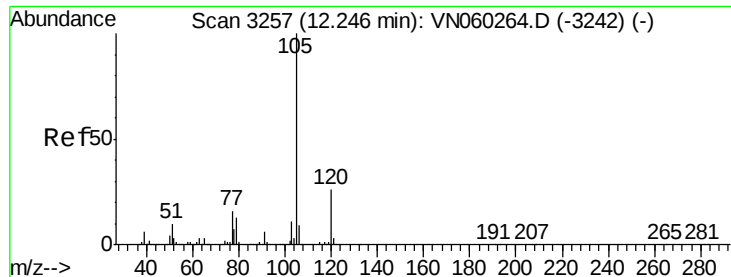
Tot Ion:173 Resp: 29437
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion:152 Resp: 135702
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 163.2 0.0 349.6





#73

Isopropylbenzene

Concen: 18.434 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

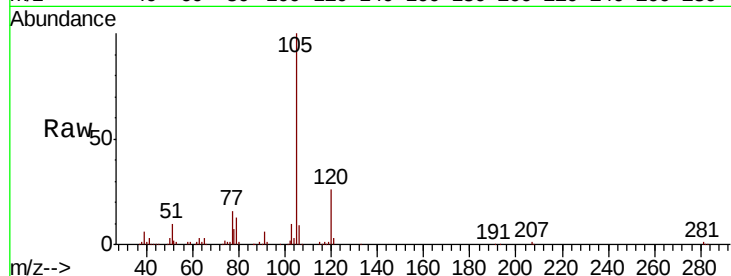
ClientSampleId :

Tot Ion:105 Resp: 185407

Ion Ratio Lower Upper

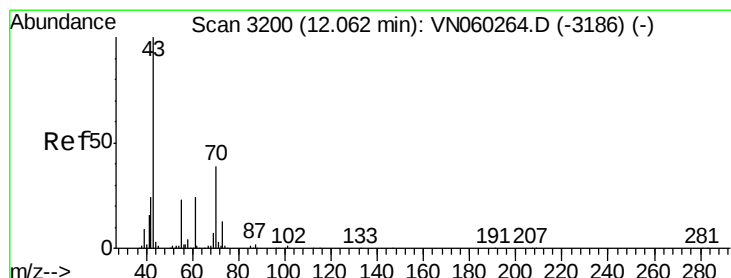
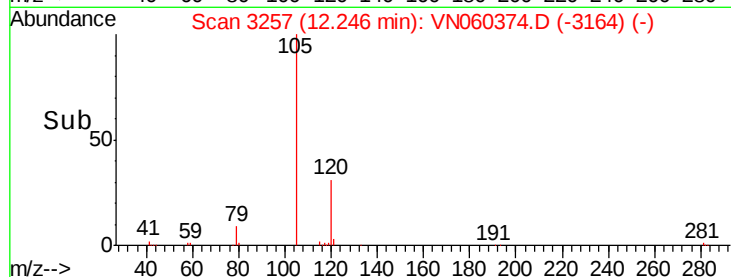
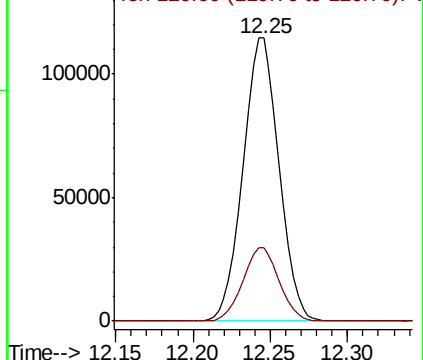
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.574 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Tgt Ion: 43 Resp: 81636

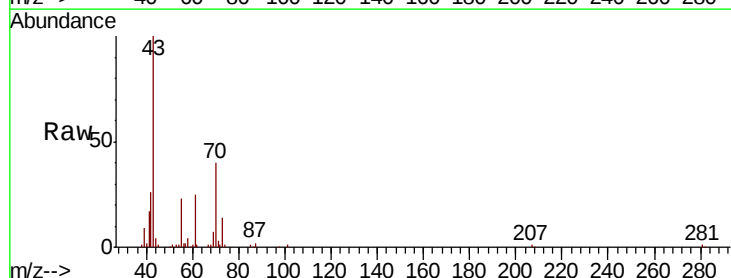
Ion Ratio Lower Upper

43 100

70 40.1 32.2 48.2

55 23.3 18.2 27.4

61 23.5 19.2 28.8

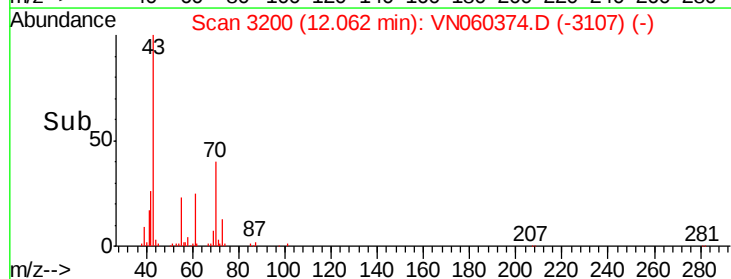
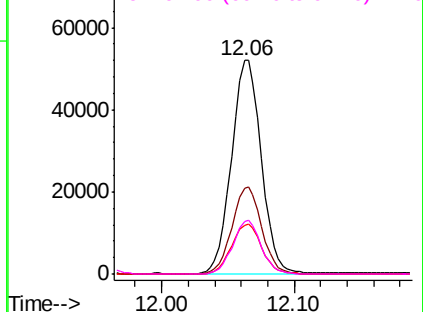


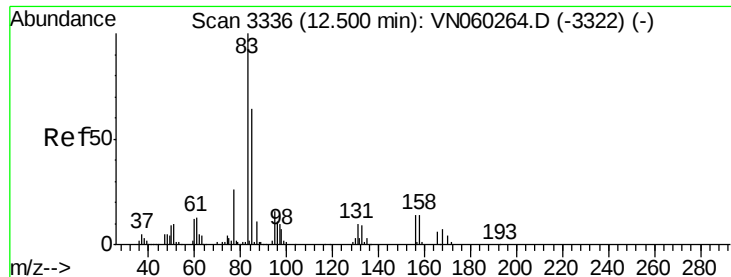
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

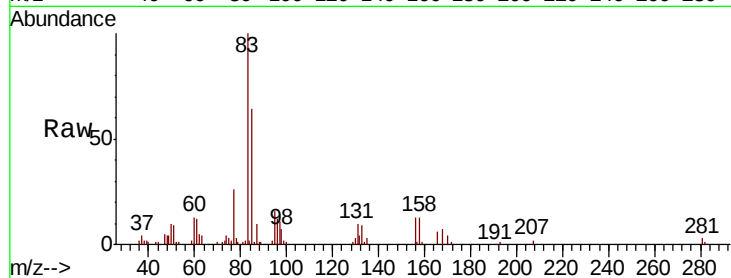
Tot Ion: 83 Resp: 53166

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

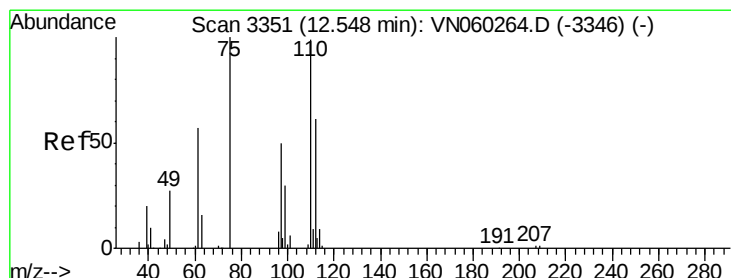
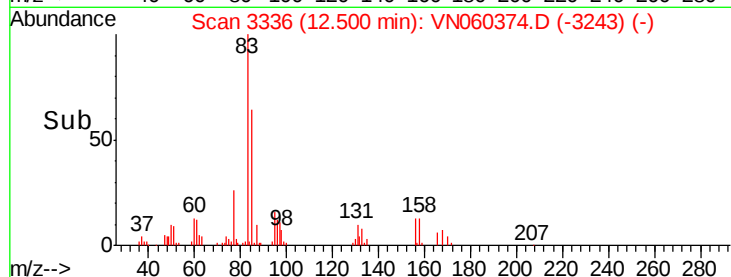
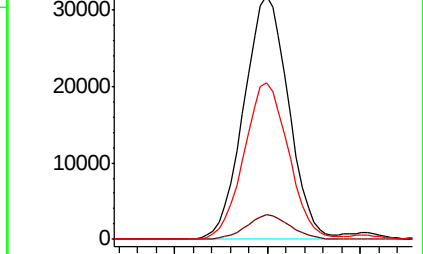
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060374.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060374.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060374.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 24.958 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060374.D

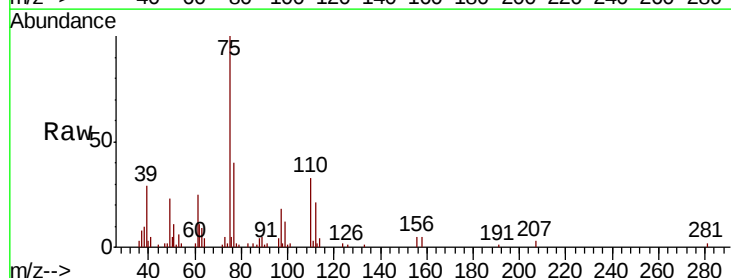
Acq: 6 Mar 2020 12:49

Tgt Ion: 75 Resp: 74309

Ion Ratio Lower Upper

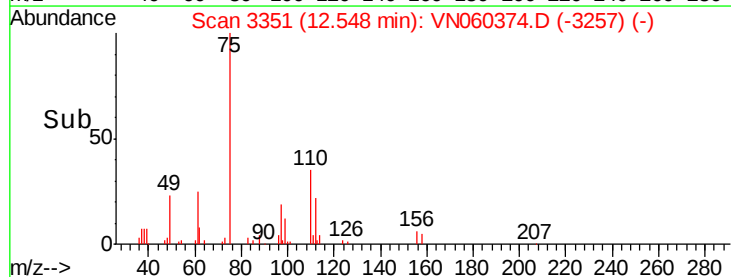
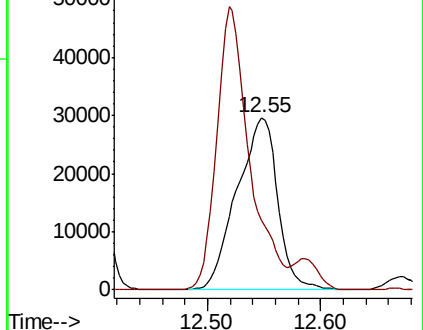
75 100

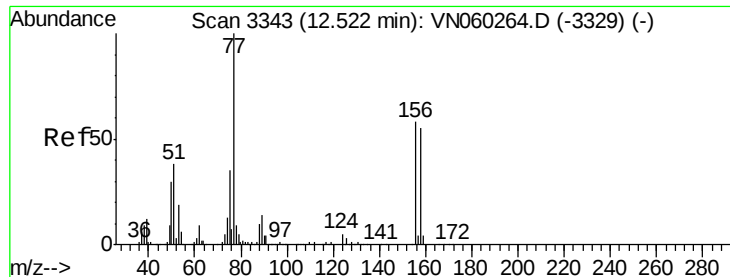
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060374.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060374.D (-3257) (-)





#77

Bromobenzene

Concen: 18.458 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

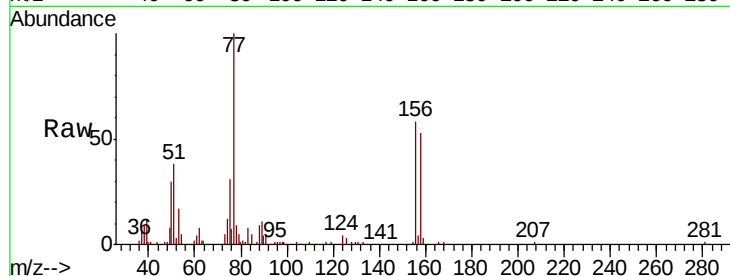
Tot Ion:156 Resp: 45508

Ion Ratio Lower Upper

156 100

77 215.8 106.1 318.3

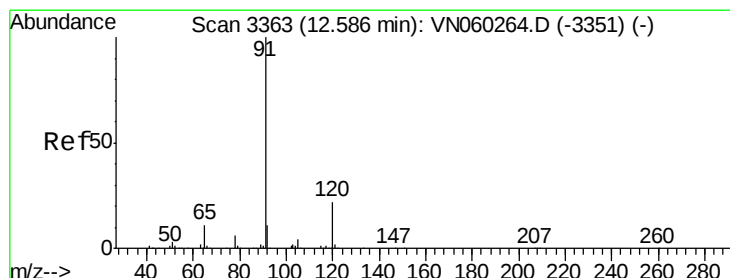
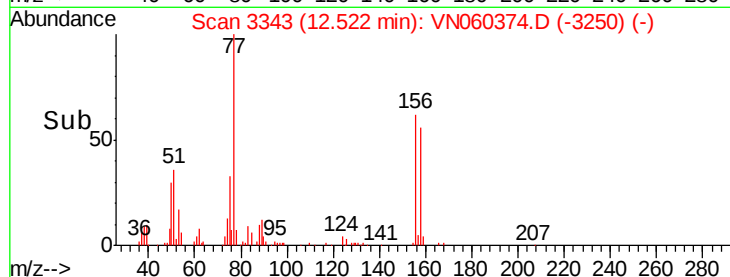
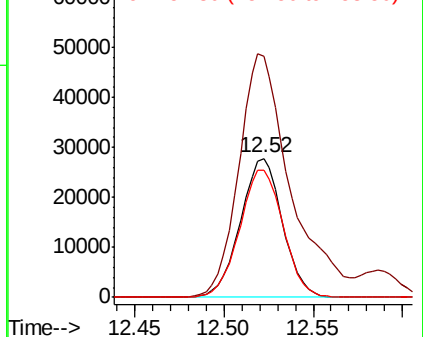
158 94.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.147 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060374.D

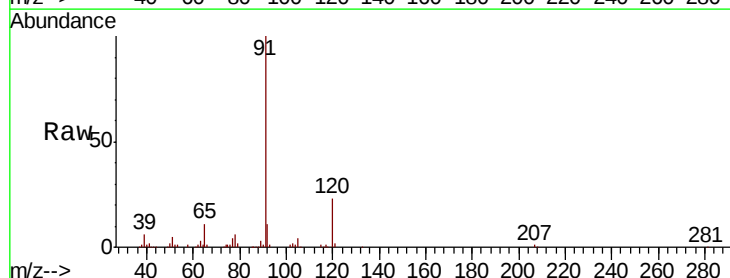
Acq: 6 Mar 2020 12:49

Tgt Ion: 91 Resp: 213953

Ion Ratio Lower Upper

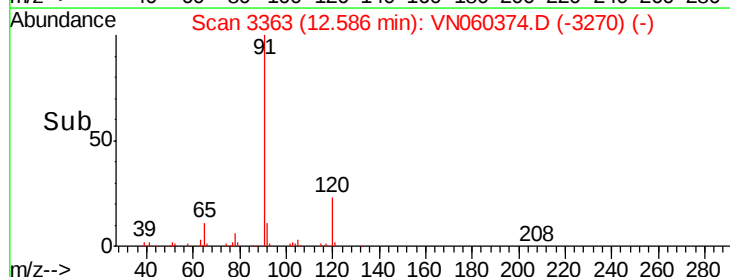
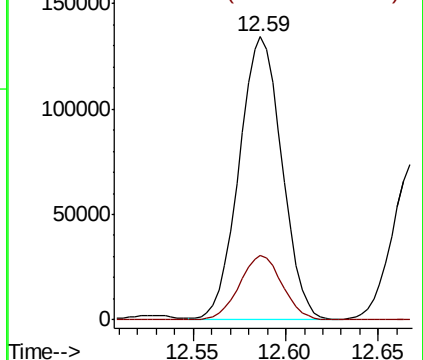
91 100

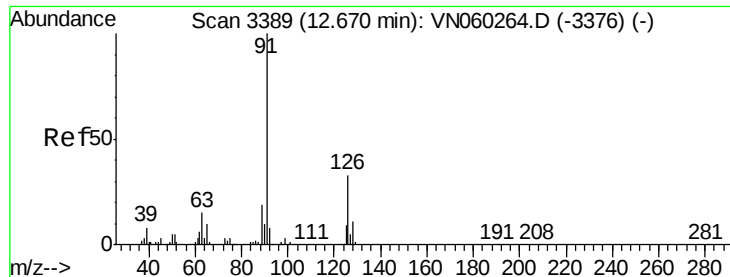
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.357 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

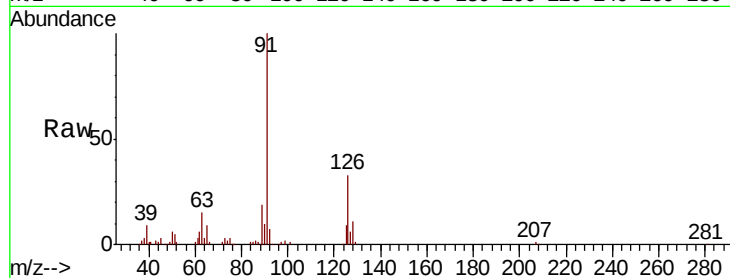
ClientSampled :

Tot Ion: 91 Resp: 127221

Ion Ratio Lower Upper

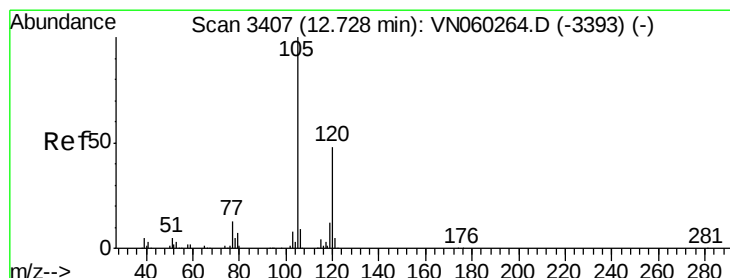
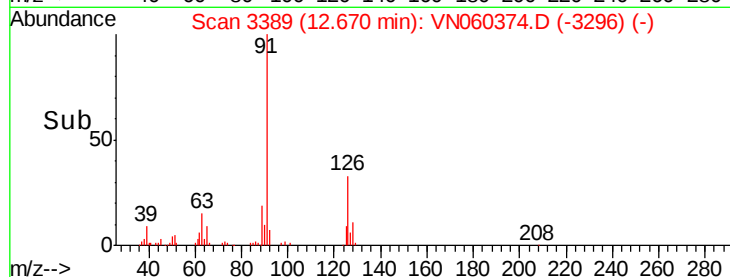
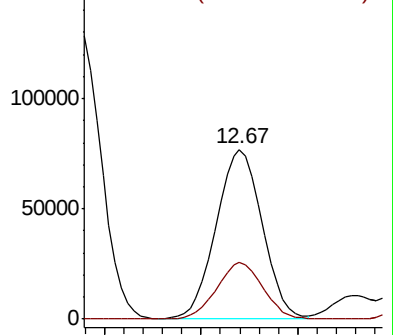
91 100

126 33.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060374.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060374.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.440 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060374.D

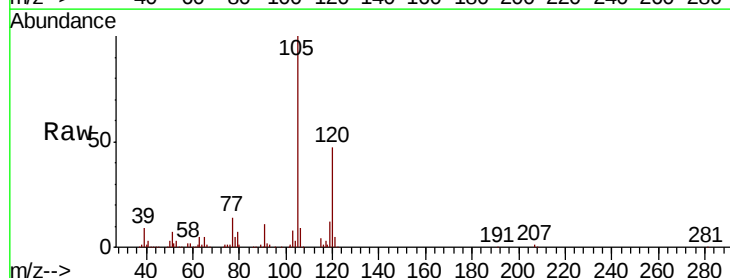
Acq: 6 Mar 2020 12:49

Tgt Ion:105 Resp: 156157

Ion Ratio Lower Upper

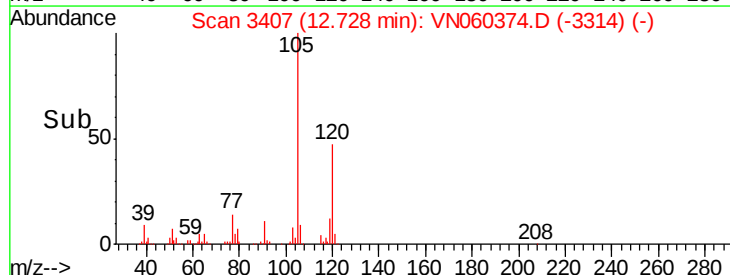
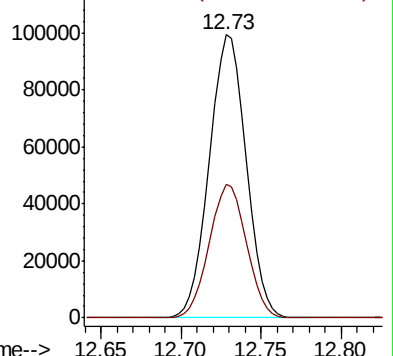
105 100

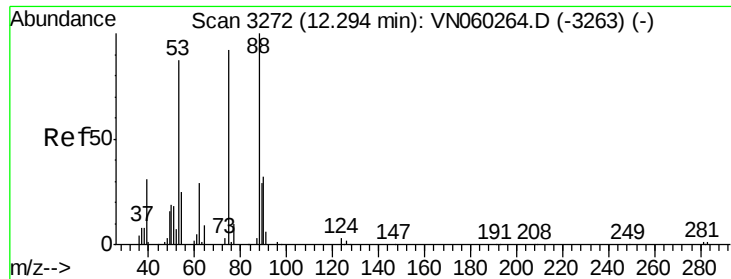
120 47.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060374.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060374.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.319 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

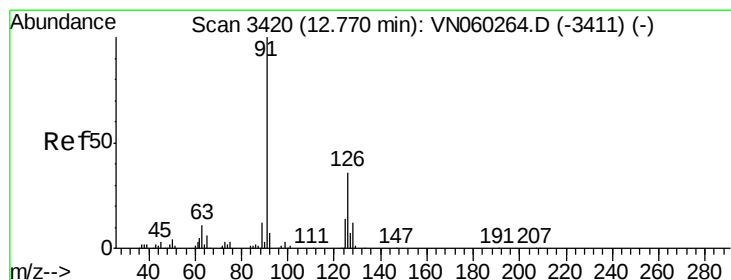
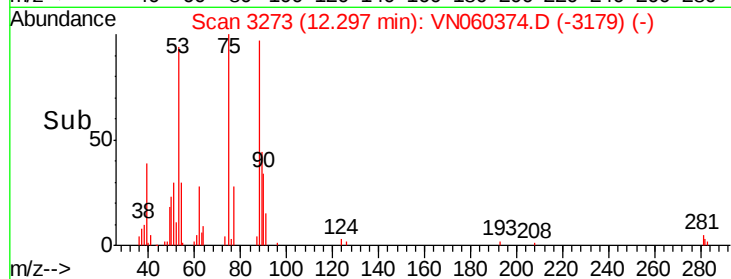
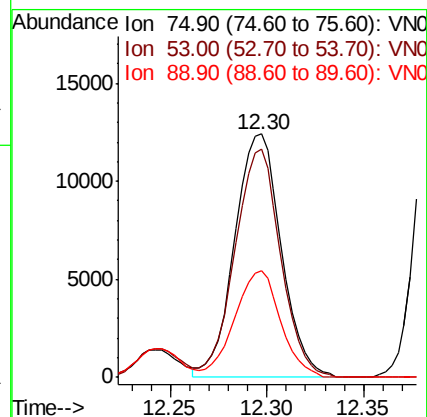
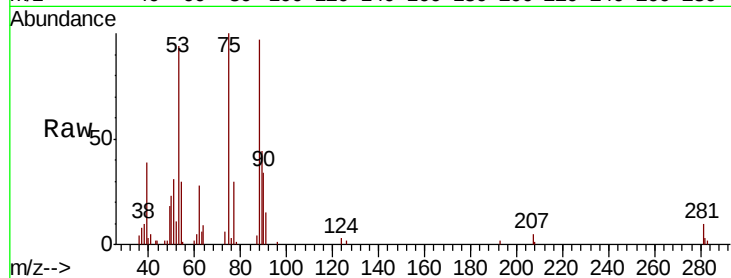
Tot Ion: 75 Resp: 20837

Ion Ratio Lower Upper

75 100

53 91.3 73.8 110.6

89 43.2 57.1 85.7#



#82

4-Chlorotoluene

Concen: 18.259 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060374.D

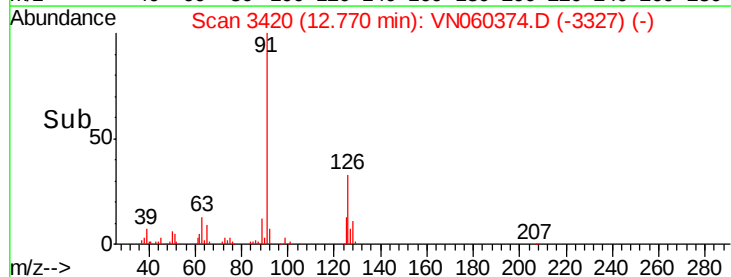
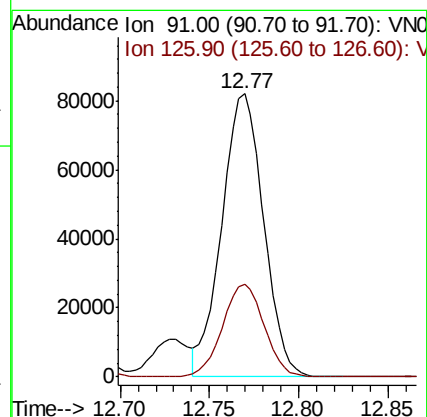
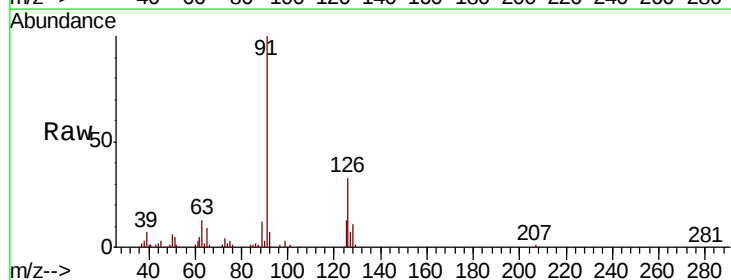
Acq: 6 Mar 2020 12:49

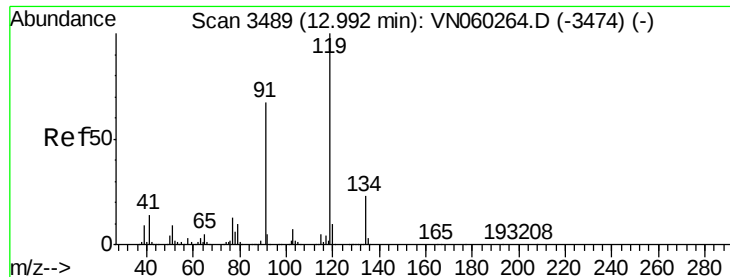
Tgt Ion: 91 Resp: 133320

Ion Ratio Lower Upper

91 100

126 32.5 16.7 50.1

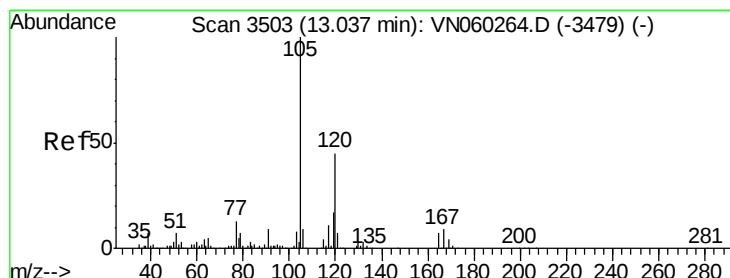
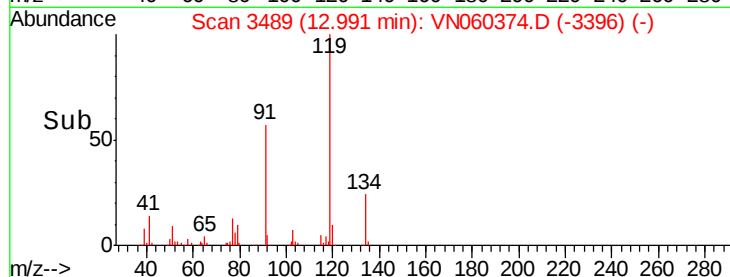
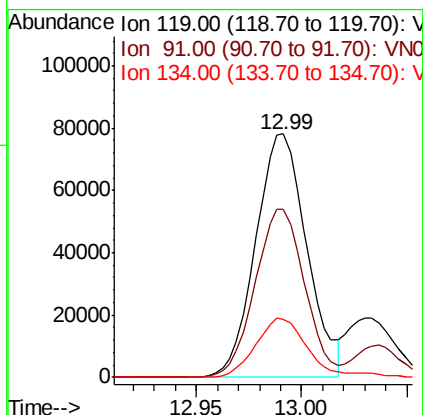
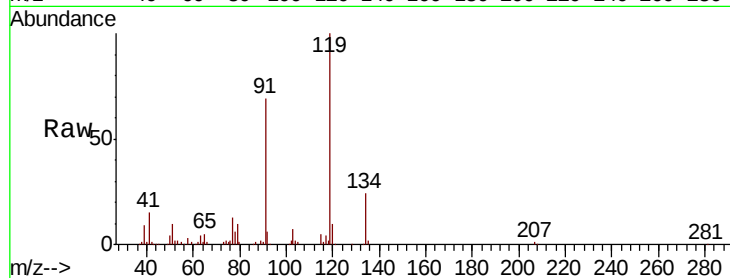




#83
 tert-Butylbenzene
 Concen: 17.989 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

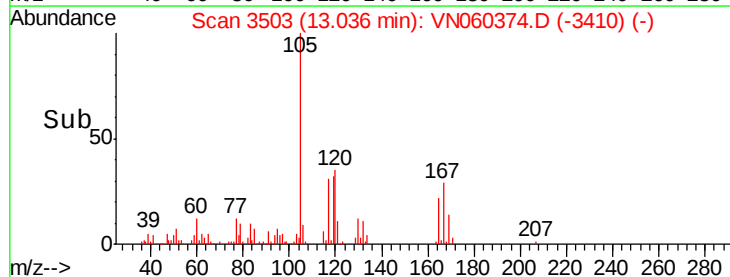
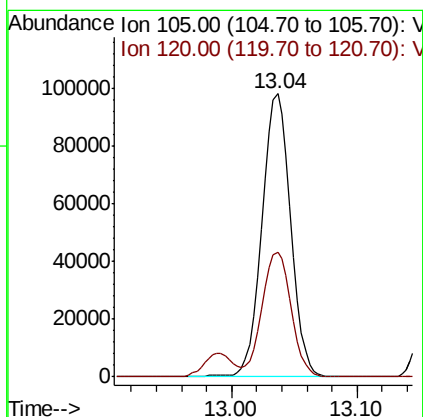
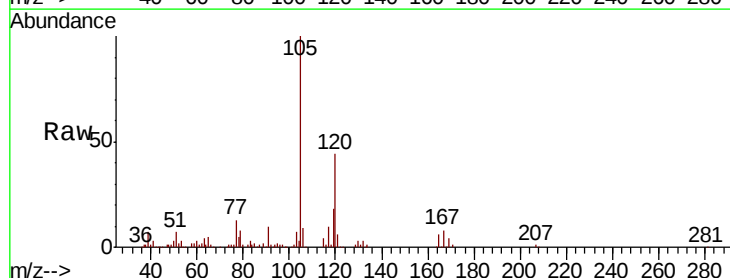
Instrument :
 MSVOA_N
 ClientSampleId :

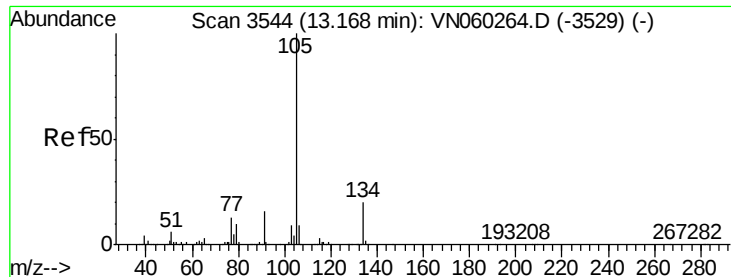
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.1	99.2
134	25.0	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.223 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 17.587 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

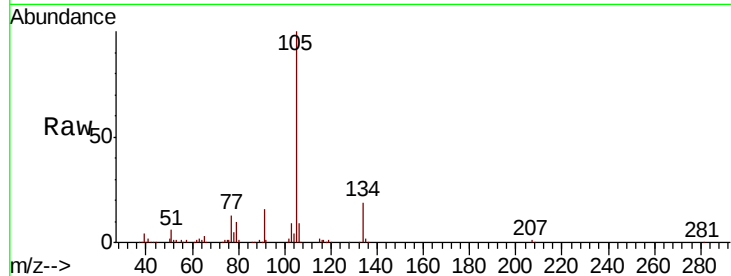
ClientSampled :

Tot Ion:105 Resp: 172670

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

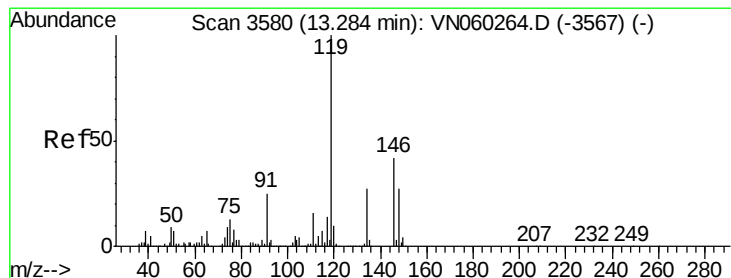
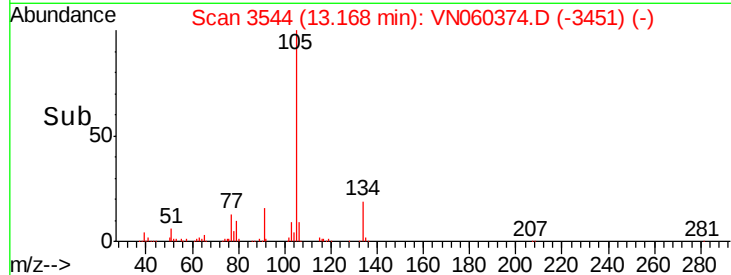
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 17.126 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

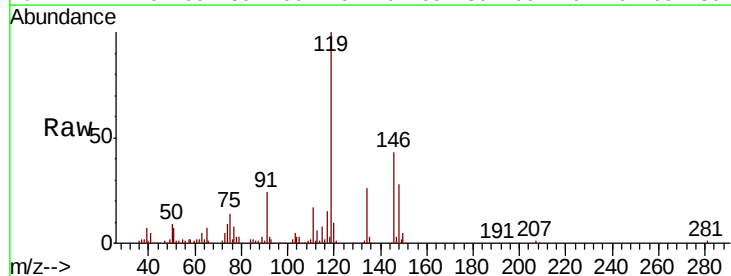
Tgt Ion:119 Resp: 155630

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 24.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

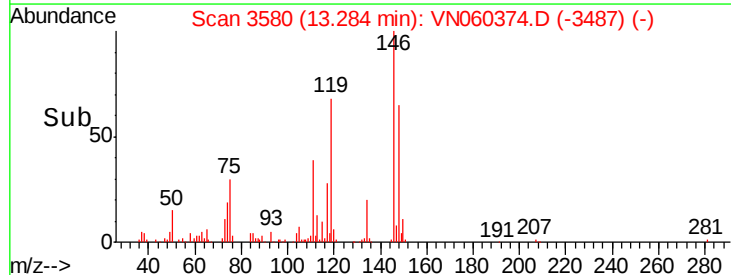
100000

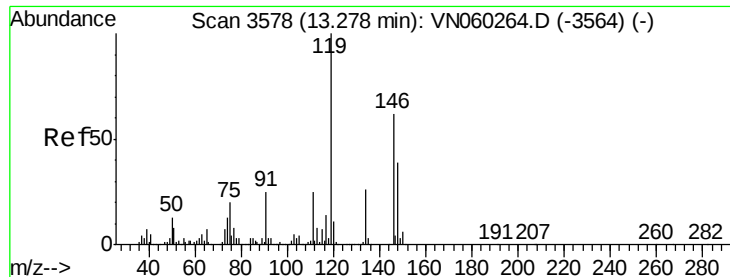
50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.832 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampled :

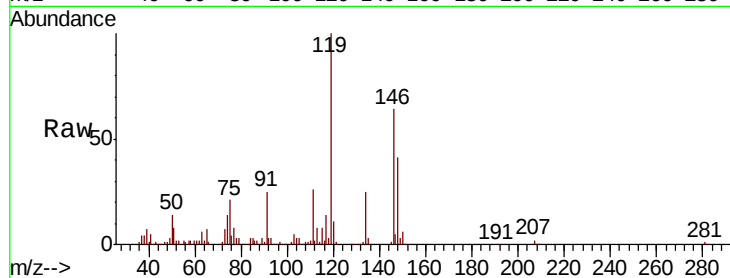
Tot Ion:146 Resp: 80282

Ion Ratio Lower Upper

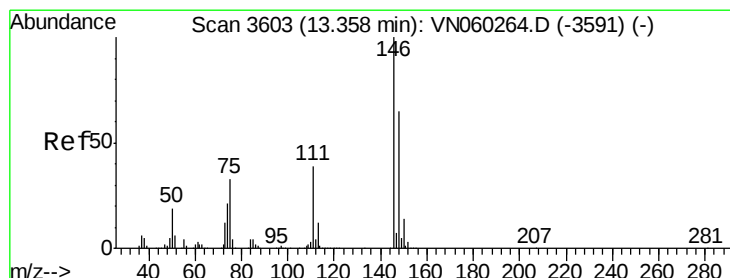
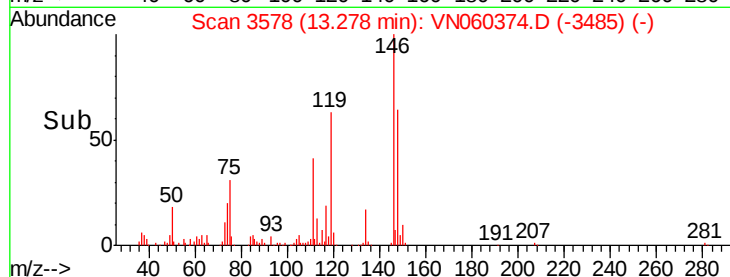
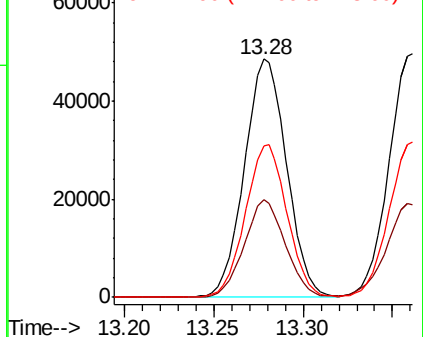
146 100

111 39.9 20.0 59.9

148 63.3 32.1 96.3



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: 19.125 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

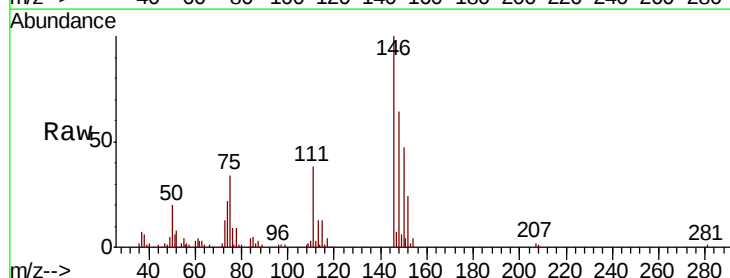
Tgt Ion:146 Resp: 81461

Ion Ratio Lower Upper

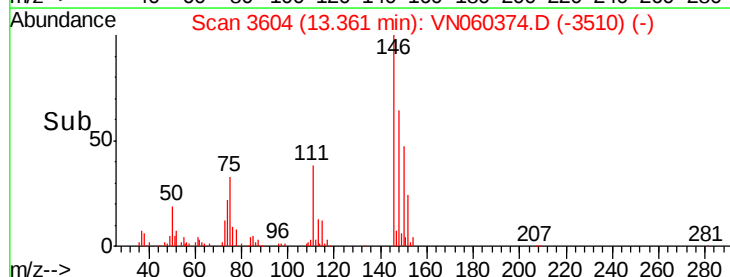
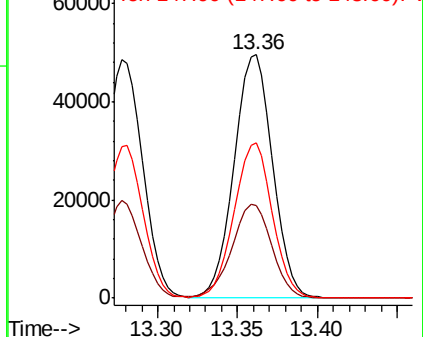
146 100

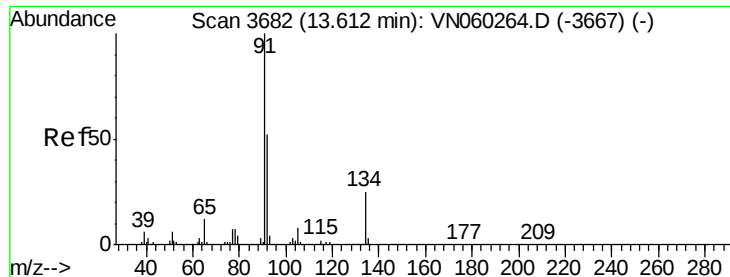
111 40.0 19.8 59.4

148 63.3 32.3 96.9



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: 16.858 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN060374.D

Acq: 6 Mar 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

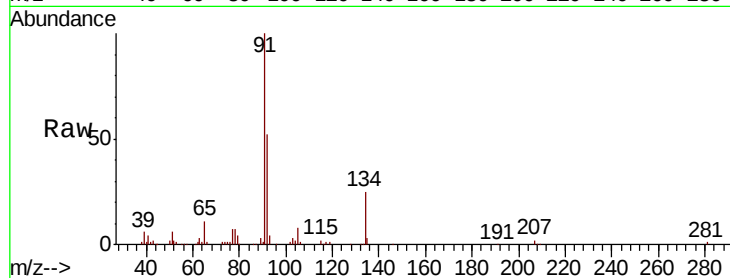
Tot Ion: 91 Resp: 140631

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

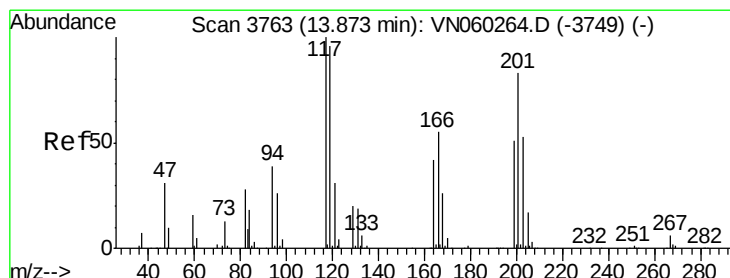
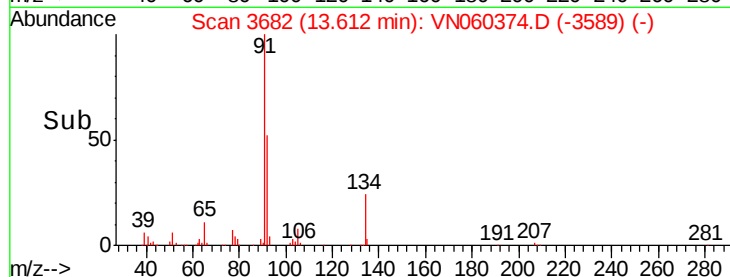
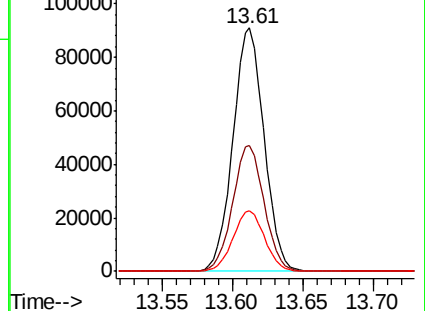
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN060374.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060374.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060374.D (-3667) (-)



#90

Hexachloroethane

Concen: 16.279 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN060374.D

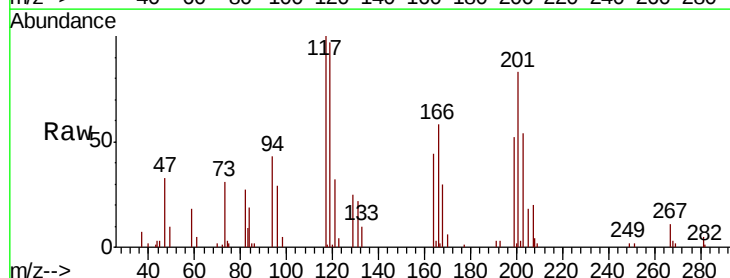
Acq: 6 Mar 2020 12:49

Tgt Ion: 117 Resp: 21413

Ion Ratio Lower Upper

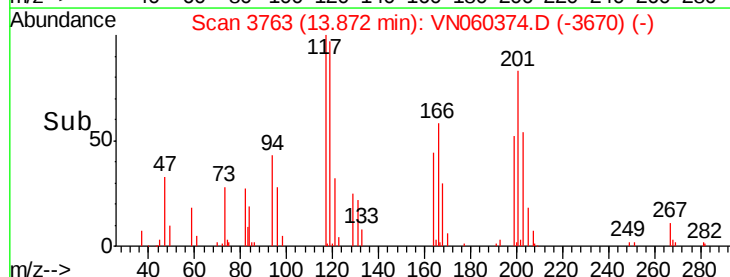
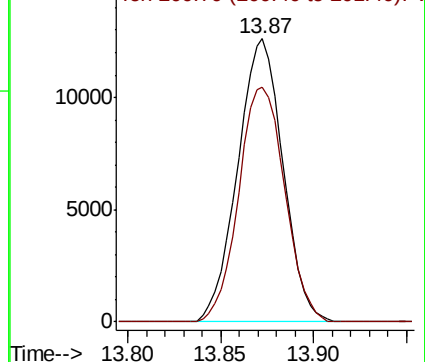
117 100

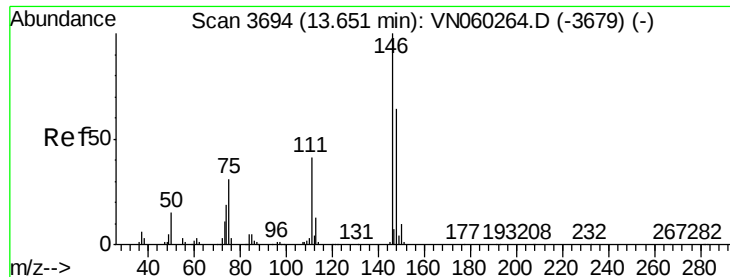
201 84.2 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060374.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060374.D (-3749) (-)

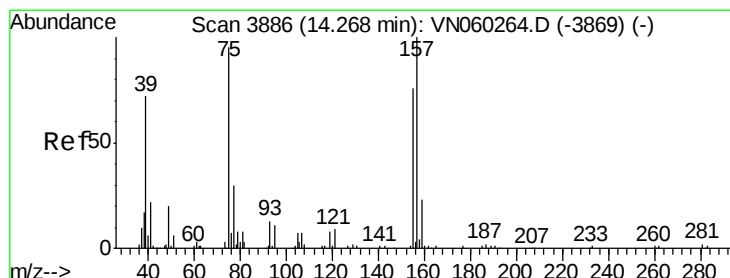
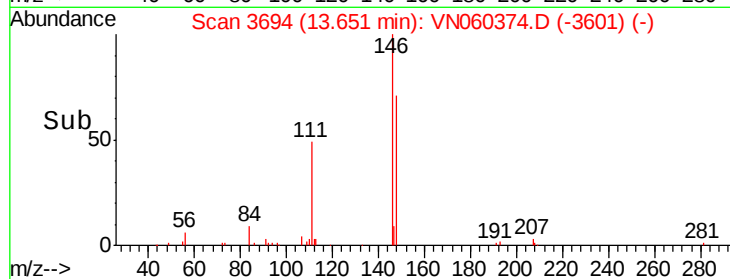
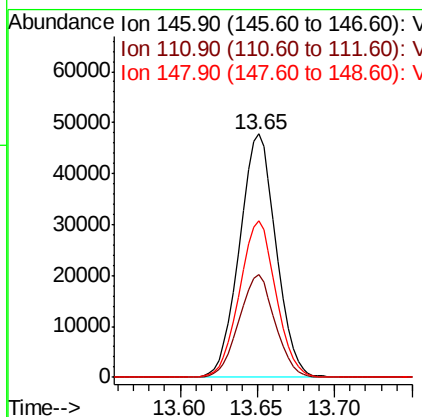
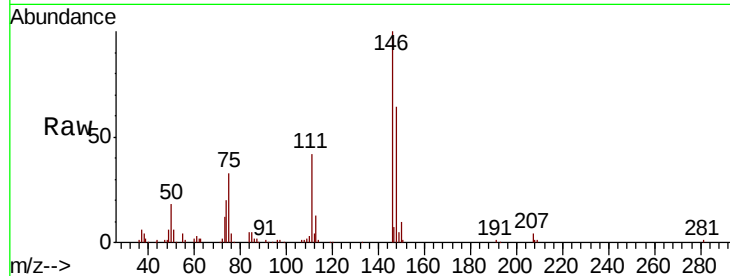




#91
 1,2-Dichlorobenzene
 Concen: 18.154 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

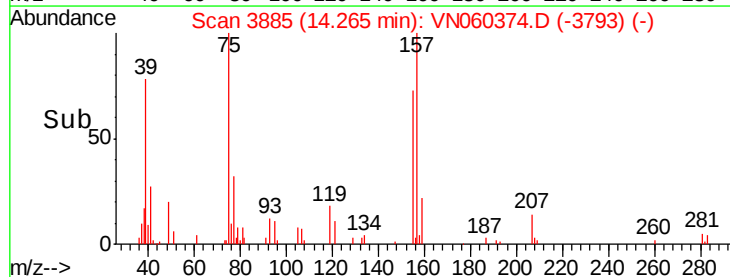
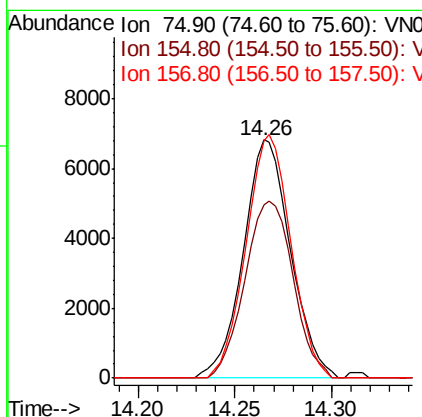
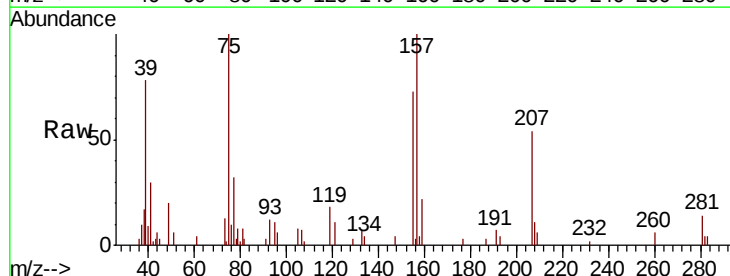
Instrument :
 MSVOA_N
 ClientSampleId :

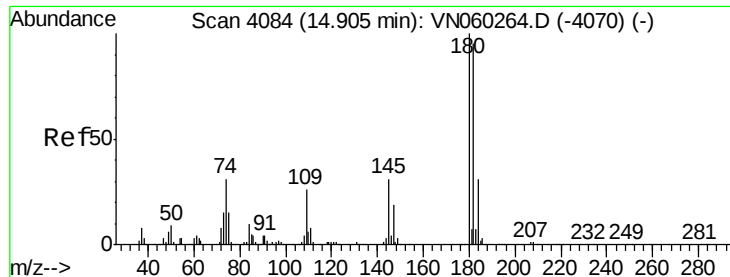
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.747 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	40.4	121.2
157	97.0	52.5	157.5

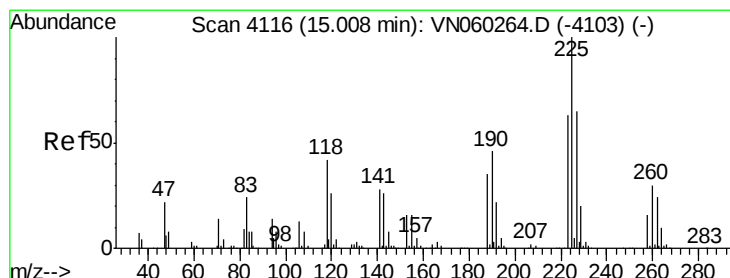
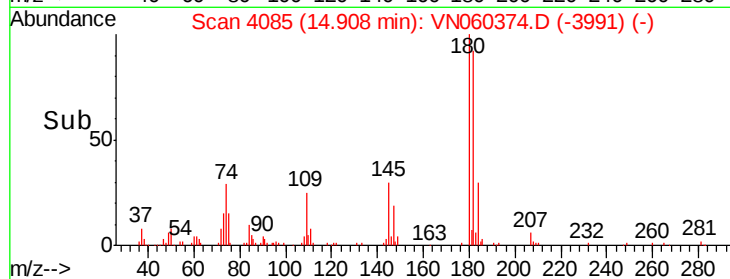
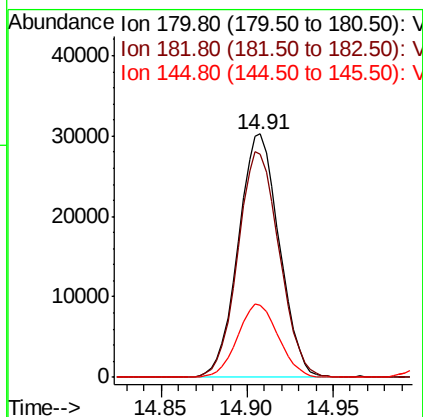
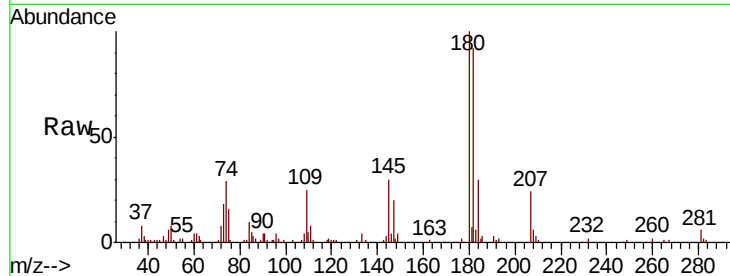




#93
 1,2,4-Trichlorobenzene
 Concen: 18.364 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

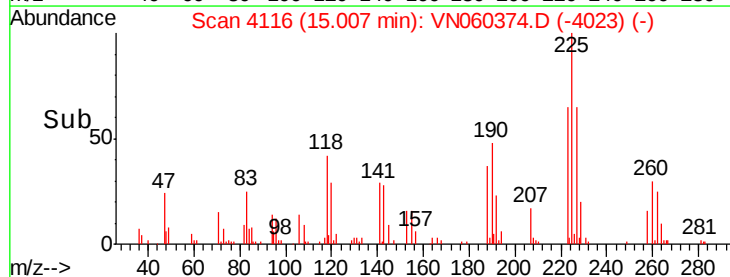
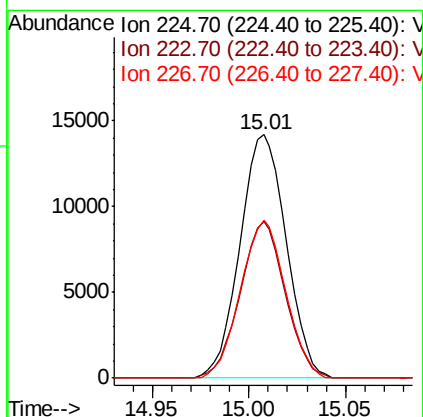
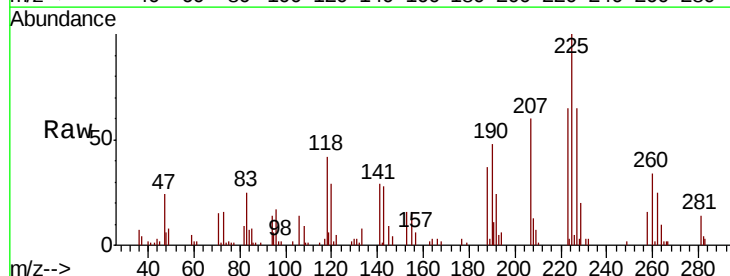
Instrument :
 MSVOA_N
 ClientSampleId :

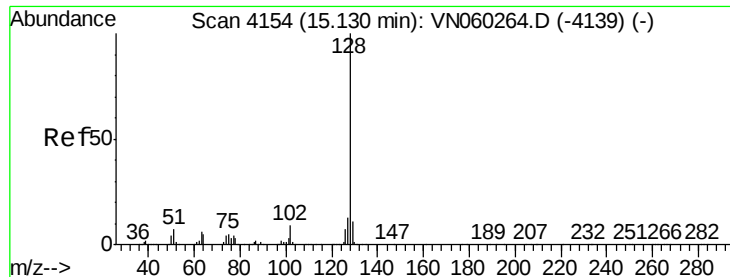
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.3
145	29.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 18.324 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060374.D
 Acq: 6 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.9
227	63.1	32.3	96.9

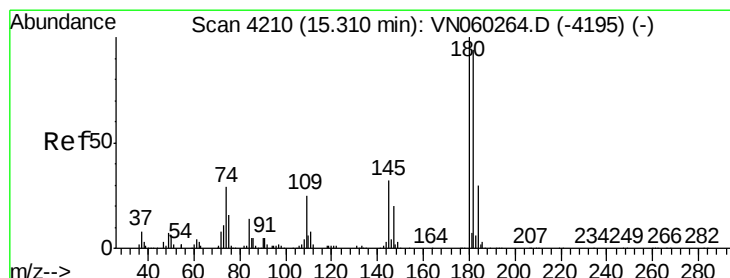
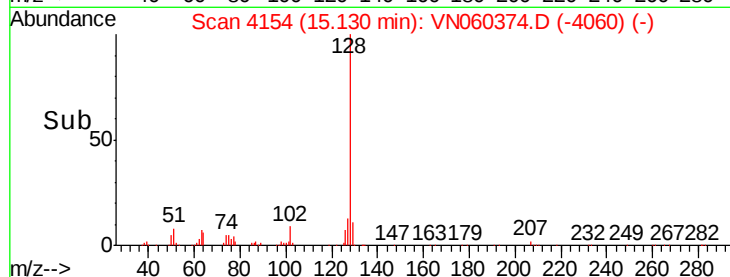
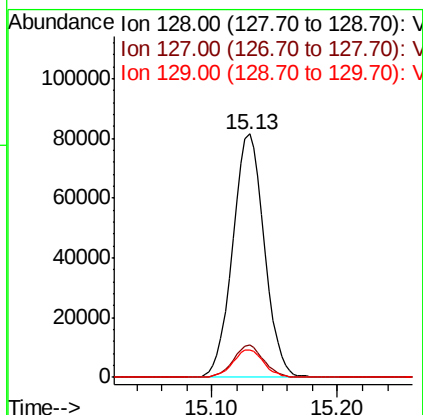
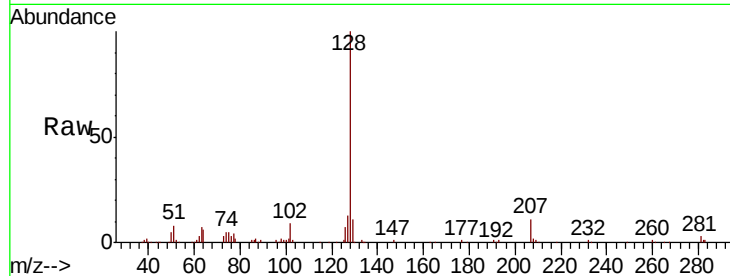




#95
Naphthalene
Concen: 17.432 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 142377
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.287 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060374.D
Acq: 6 Mar 2020 12:49

Tgt Ion:180 Resp: 47576
Ion Ratio Lower Upper
180 100
182 93.3 47.3 142.0
145 32.5 16.2 48.5

