

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052486.D
 Acq On : 27 Nov 2018 18:33
 Operator : MD\SY
 Sample : VN1127WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Quant Time: Nov 28 06:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1051935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1654872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1439878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	626282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	587064	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	526569	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.09	98	2015093	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	662899	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	190109	19.301	ug/l	97
3) Chloromethane	2.06	50	253820	19.522	ug/l	99
4) Vinyl Chloride	2.19	62	264411	19.797	ug/l	100
5) Bromomethane	2.58	94	156005	18.721	ug/l	99
6) Chloroethane	2.71	64	158663	19.612	ug/l	100
7) Trichlorofluoromethane	3.03	101	330897	20.170	ug/l	100
8) Diethyl Ether	3.41	74	124670	20.578	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204134	19.941	ug/l	99
10) Methyl Iodide	3.96	142	274631	20.142	ug/l	99
11) Tert butyl alcohol	4.79	59	50956	88.866	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	199600	20.256	ug/l	97
13) Acrolein	3.61	56	86845	108.258	ug/l	98
14) Allyl chloride	4.33	41	343127	20.204	ug/l	99
15) Acrylonitrile	4.99	53	349384	96.257	ug/l	99
16) Acetone	3.82	43	252086	83.444	ug/l	99
17) Carbon Disulfide	4.06	76	588189	18.968	ug/l	100
18) Methyl Acetate	4.33	43	167951	19.381	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	530444	20.232	ug/l	100
20) Methylene Chloride	4.55	84	227452	19.240	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	212146	20.158	ug/l	93
22) Diisopropyl ether	5.95	45	726897	20.376	ug/l	99
23) Vinyl Acetate	5.90	43	2205822	99.274	ug/l	100
24) 1,1-Dichloroethane	5.85	63	414541	20.352	ug/l	100
25) 2-Butanone	6.83	43	384167	89.717	ug/l	98
26) 2,2-Dichloropropane	6.83	77	268140	19.019	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	245287	20.008	ug/l	99
28) Bromochloromethane	7.19	49	180937	19.449	ug/l	97
29) Tetrahydrofuran	7.21	42	260667	94.381	ug/l	99
30) Chloroform	7.37	83	402207	19.792	ug/l	98
31) Cyclohexane	7.66	56	399844	20.063	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	324562	20.158	ug/l	99
36) 1,1-Dichloropropene	7.79	75	308785	19.759	ug/l	99
37) Ethyl Acetate	6.93	43	176628	18.520	ug/l	99
38) Carbon Tetrachloride	7.77	117	277178	19.593	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	369628	19.460	ug/l	99
40) Benzene	8.04	78	939496	20.173	ug/l	100
41) Methacrylonitrile	7.17	41	93432	17.919	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	280780	19.911	ug/l	99
43) Isopropyl Acetate	8.16	43	312293	19.349	ug/l #	88
44) Trichloroethene	8.84	130	238892	20.025	ug/l	97
45) 1,2-Dichloropropane	9.12	63	246184	19.883	ug/l	100
46) Dibromomethane	9.21	93	138032	20.138	ug/l	99
47) Bromodichloromethane	9.40	83	293101	19.668	ug/l	98
48) Methyl methacrylate	9.20	41	159692	18.975	ug/l	100
49) 1,4-Dioxane	9.20	88	33117	379.164	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	870821	96.163	ug/l	99
52) Toluene	10.16	92	565745	20.446	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	278488	19.425	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	342155	19.915	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	194076	19.939	ug/l	99
56) Ethyl methacrylate	10.43	69	238147	19.364	ug/l	100
57) 1,3-Dichloropropane	10.71	76	340987	19.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	672782	95.258	ug/l	100
59) 2-Hexanone	10.75	43	558246	91.851	ug/l	99
60) Dibromochloromethane	10.90	129	207021	19.583	ug/l	100
61) 1,2-Dibromoethane	11.01	107	189680	19.621	ug/l	100
64) Tetrachloroethene	10.63	164	225142	20.167	ug/l	99
65) Chlorobenzene	11.43	112	601314	20.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	206295	19.983	ug/l	99
67) Ethyl Benzene	11.51	91	1060364	20.394	ug/l	99
68) m/p-Xylenes	11.62	106	789844	40.807	ug/l	99
69) o-Xylene	11.95	106	386483	20.562	ug/l	99
70) Styrene	11.96	104	617092	20.613	ug/l	99
71) Bromoform	12.13	173	131217	19.197	ug/l #	100
73) Isopropylbenzene	12.25	105	1032214	21.007	ug/l	100
74) N-amyl acetate	12.07	43	239973	19.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	225859	20.207	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	269526	27.908	ug/l #	100
77) Bromobenzene	12.53	156	250856	20.655	ug/l	98
78) n-propylbenzene	12.59	91	1155108	20.693	ug/l	99
79) 2-Chlorotoluene	12.68	91	692379	20.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	827893	21.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52895	18.291	ug/l	95
82) 4-Chlorotoluene	12.77	91	680770	20.320	ug/l	99
83) tert-Butylbenzene	12.99	119	733900	21.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	824926	21.005	ug/l	99
85) sec-Butylbenzene	13.17	105	983366	20.666	ug/l	99
86) p-Isopropyltoluene	13.29	119	833067	20.555	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	428784	20.184	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	415977	19.879	ug/l	98
89) n-Butylbenzene	13.62	91	676094	20.059	ug/l	99
90) Hexachloroethane	13.88	117	135021	19.676	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	412084	20.303	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29848	18.671	ug/l	97

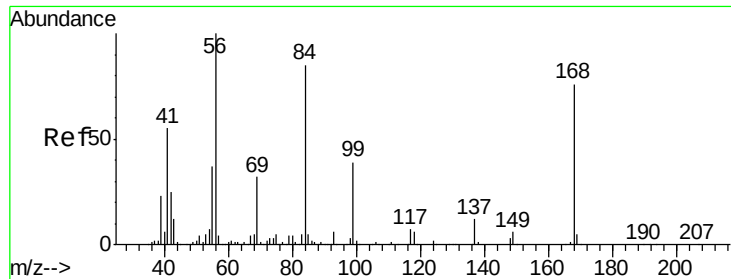
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
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Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	181316	18.214	ug/l	99
94) Hexachlorobutadiene	15.01	225	131623	20.158	ug/l	99
95) Naphthalene	15.14	128	359848	17.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	170605	18.505	ug/l	100

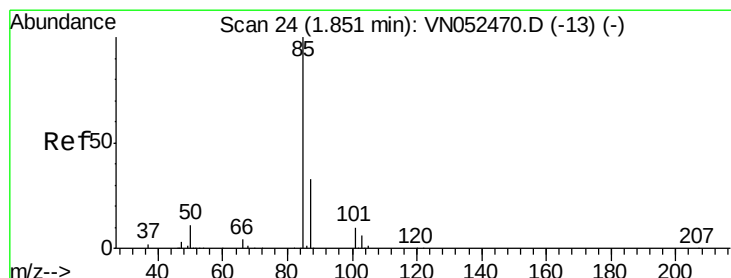
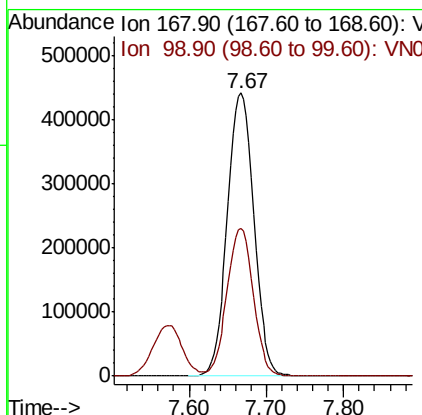
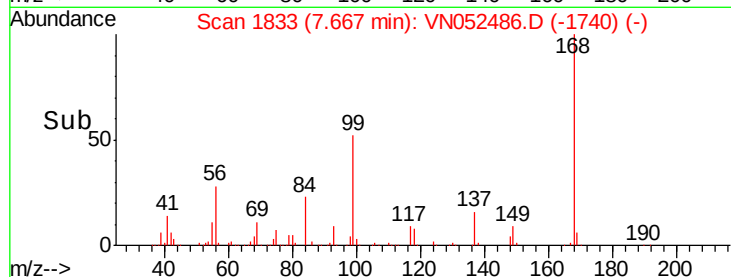
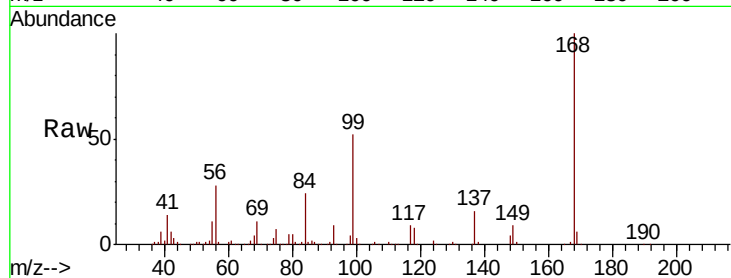
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

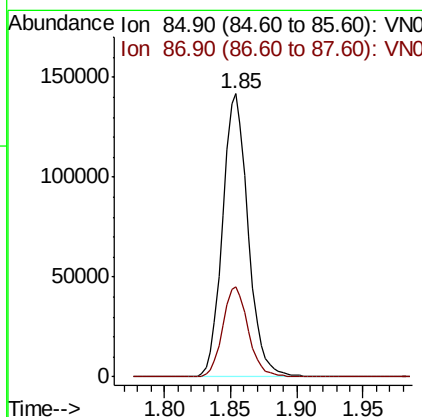
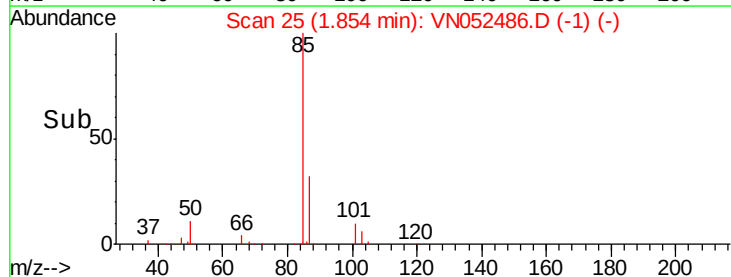
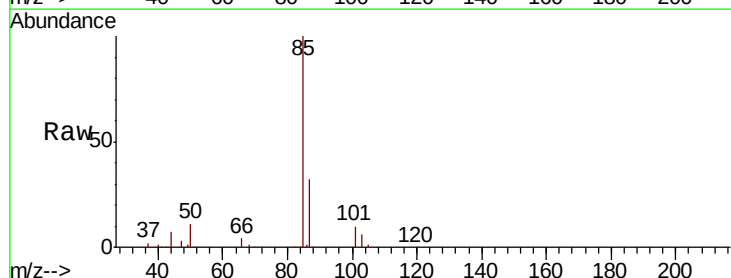
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1127WBSD01

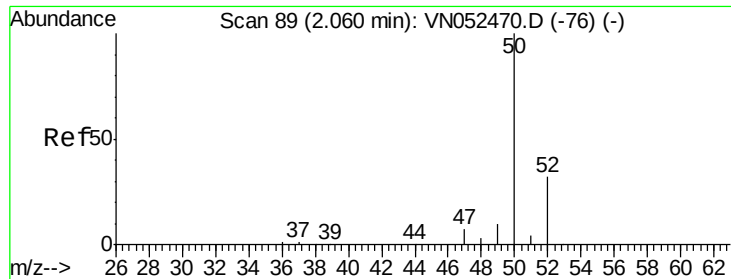
Tot Ion:168 Resp: 1051935
 Ion Ratio Lower Upper
 168 100
 99 52.2 41.7 62.5



#2
 Dichlorodifluoromethane
 Concen: 19.301 ug/l
 RT: 1.85 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 85 Resp: 190109
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.7 50.1

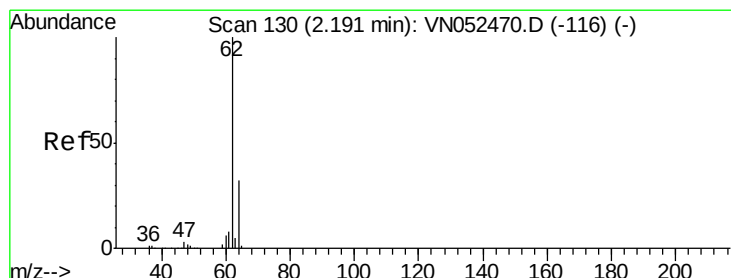
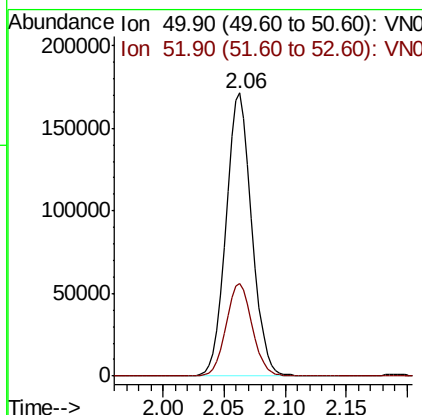
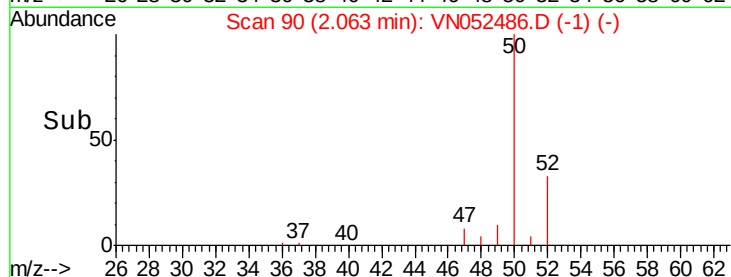
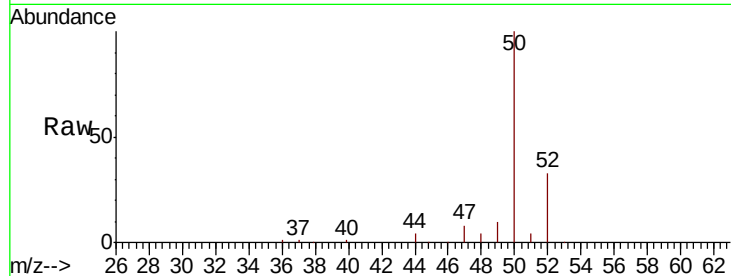




#3
 Chloromethane
 Concen: 19.522 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

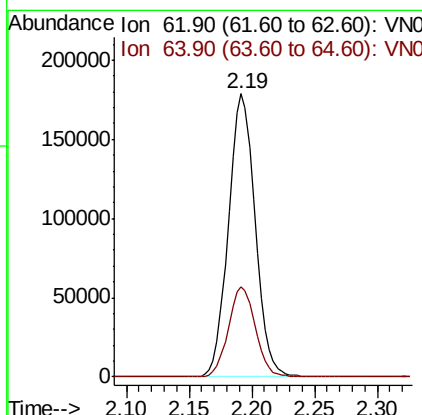
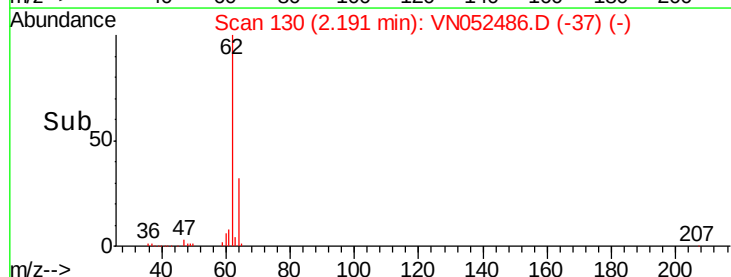
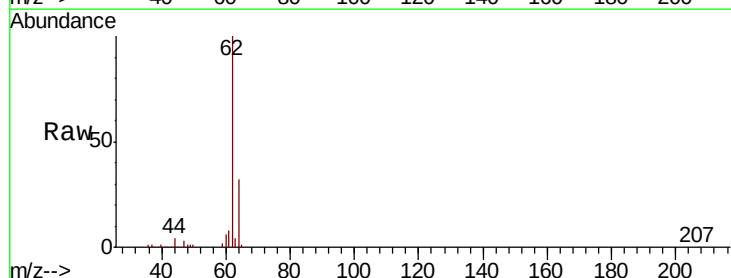
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

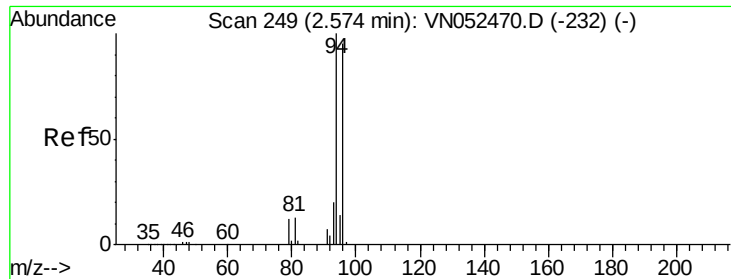
Tot Ion: 50 Resp: 253820
 Ion Ratio Lower Upper
 50 100
 52 32.8 25.9 38.9



#4
 Vinyl Chloride
 Concen: 19.797 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 62 Resp: 264411
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.2





#5

Bromomethane

Concen: 18.721 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

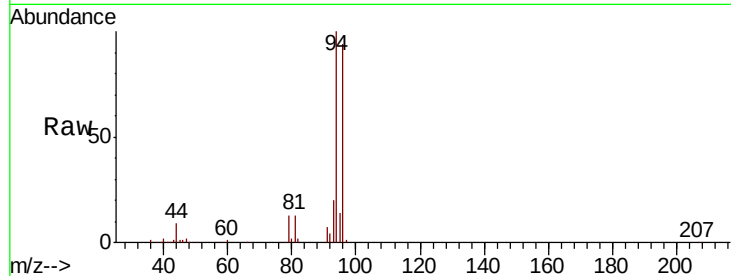
VN1127WBSD01

Tot Ion: 94 Resp: 156005

Ion Ratio Lower Upper

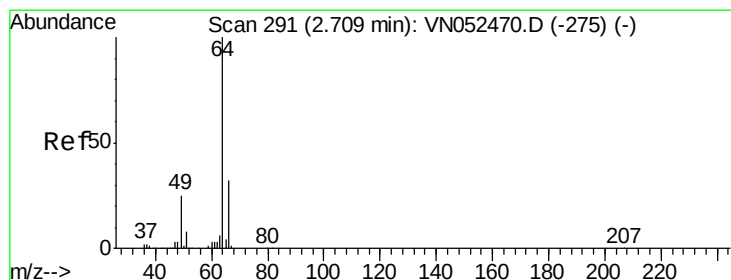
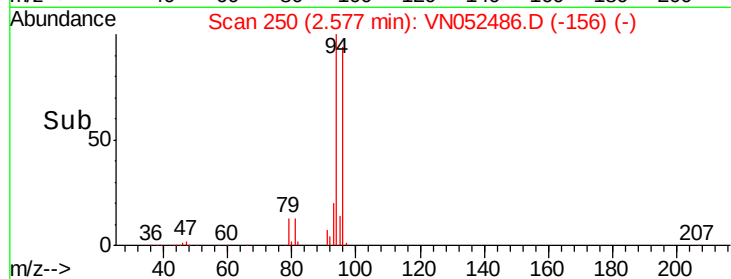
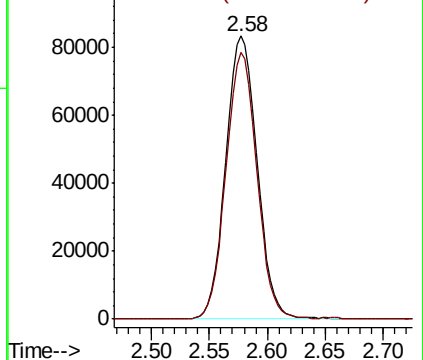
94 100

96 94.3 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.612 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052486.D

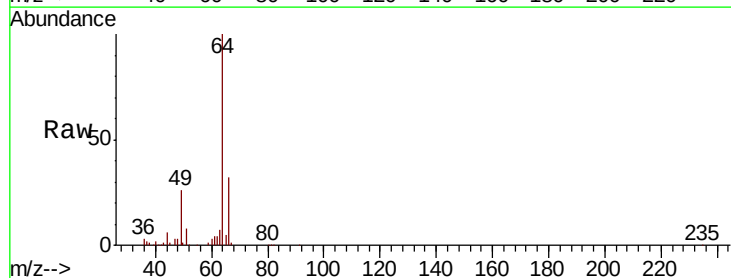
Acq: 27 Nov 2018 18:33

Tgt Ion: 64 Resp: 158663

Ion Ratio Lower Upper

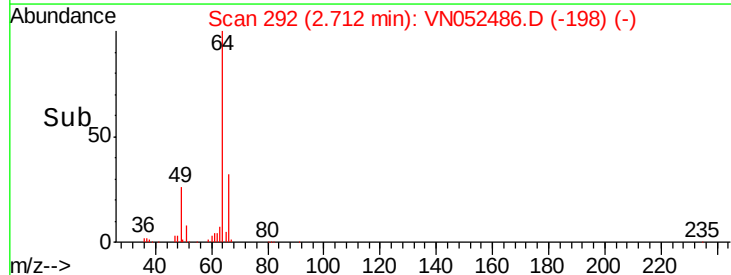
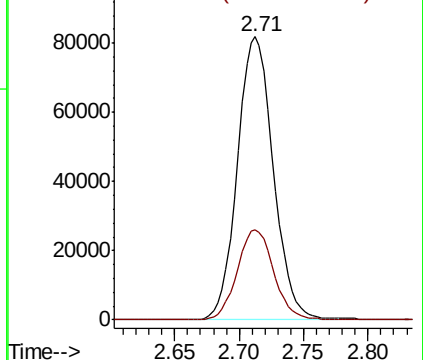
64 100

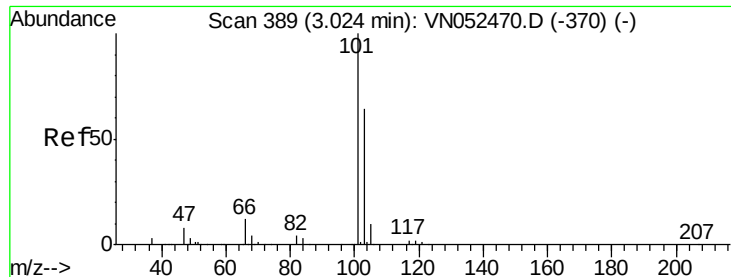
66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



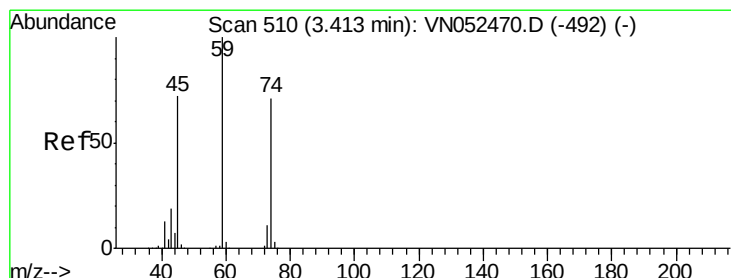
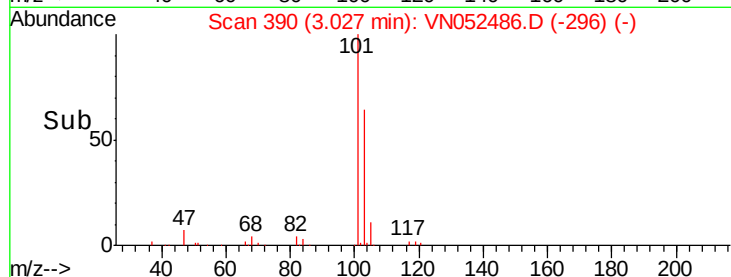
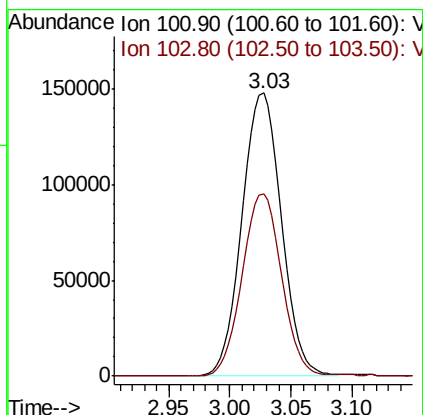
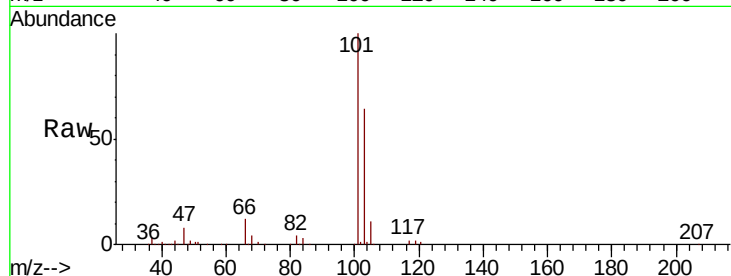


#7

Trichlorofluoromethane
 Concen: 20.170 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Instrument :
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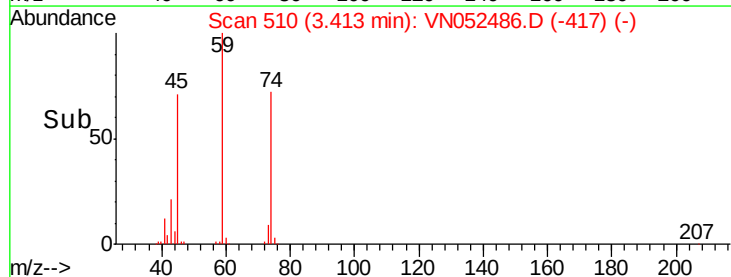
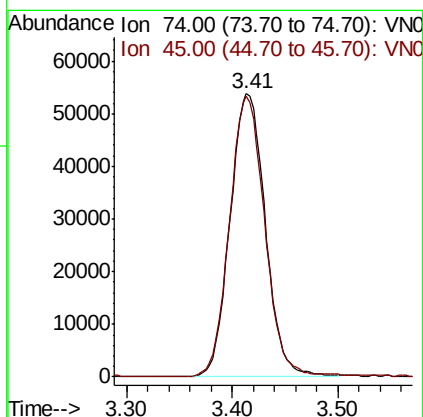
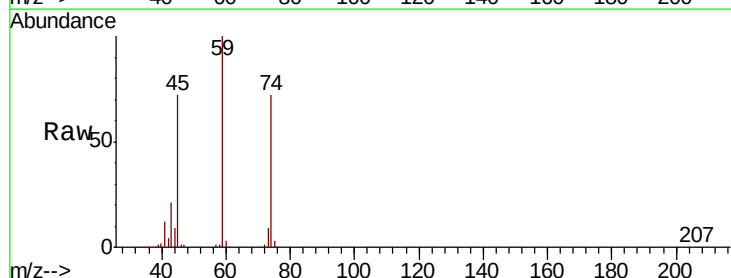
Tot Ion:101 Resp: 330897
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2

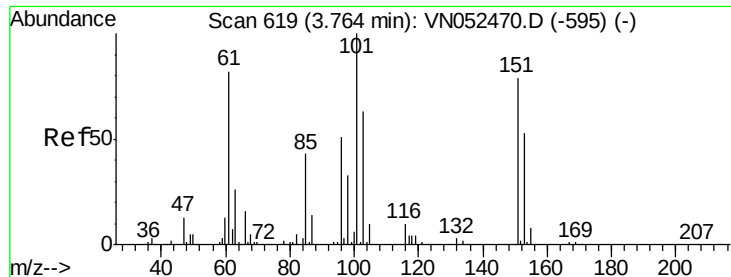


#8

Diethyl Ether
 Concen: 20.578 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 74 Resp: 124670
 Ion Ratio Lower Upper
 74 100
 45 98.8 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.941 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

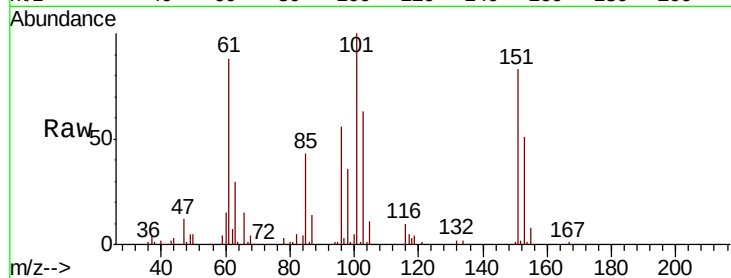
Tot Ion:101 Resp: 204134

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

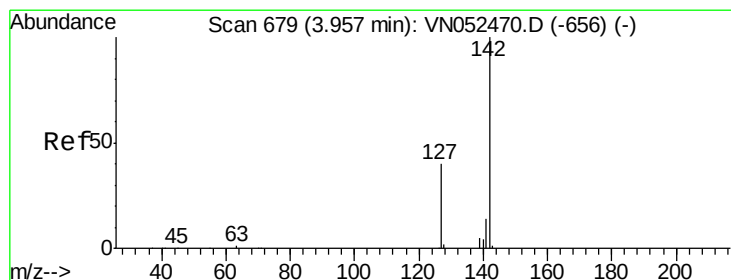
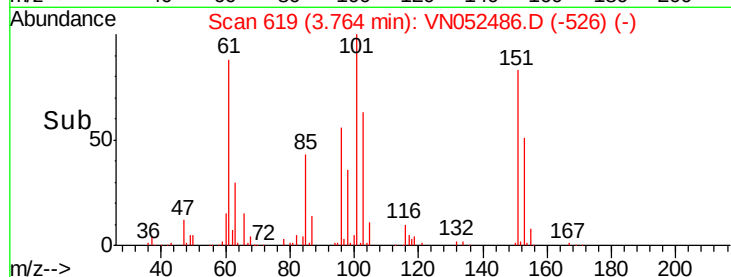
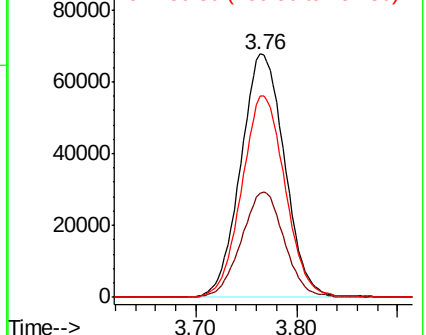
151 82.0 64.6 96.8



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: 20.142 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

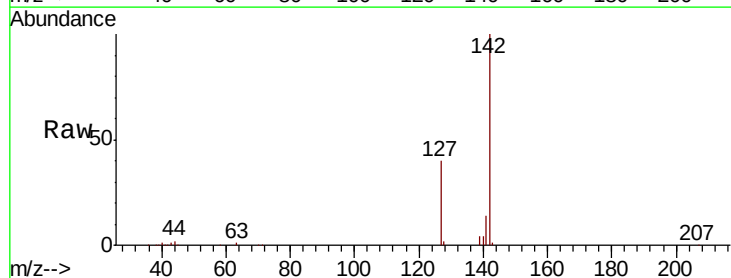
Tgt Ion:142 Resp: 274631

Ion Ratio Lower Upper

142 100

127 39.3 31.8 47.6

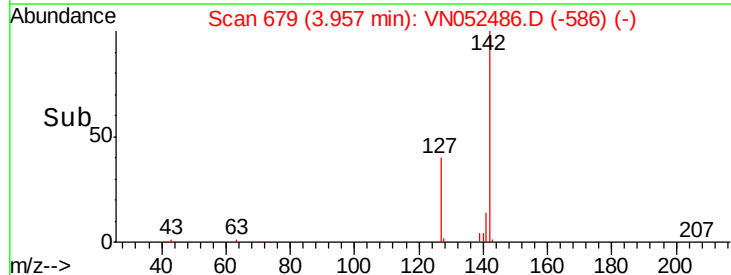
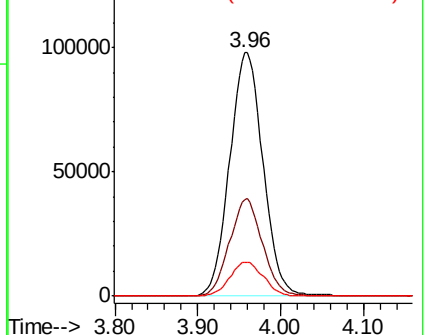
141 14.0 11.4 17.0

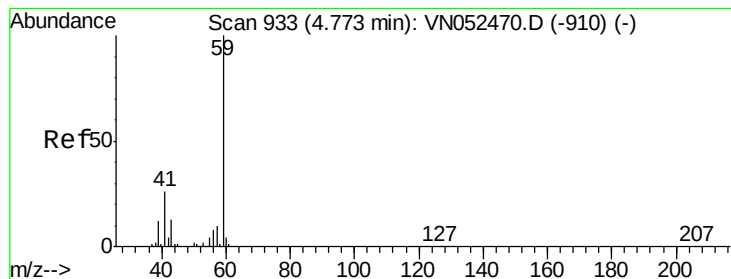


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.866 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

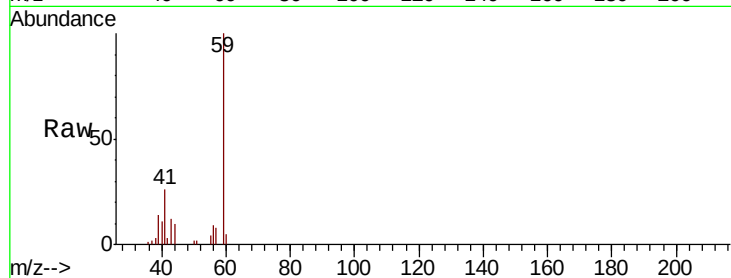
VN1127WBSD01

Tot Ion: 59 Resp: 50956

Ion Ratio Lower Upper

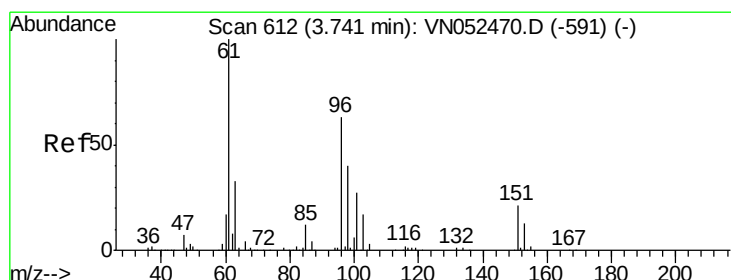
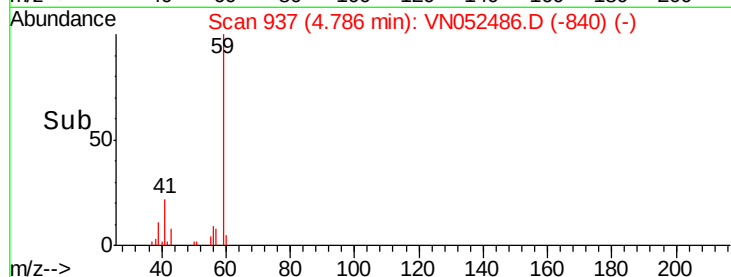
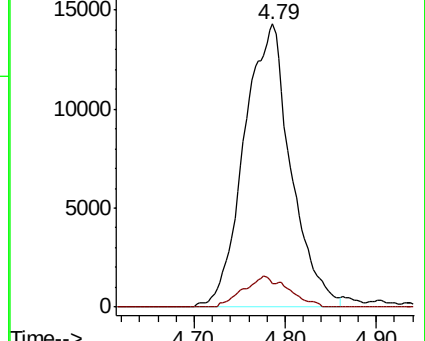
59 100

57 7.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 20.256 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

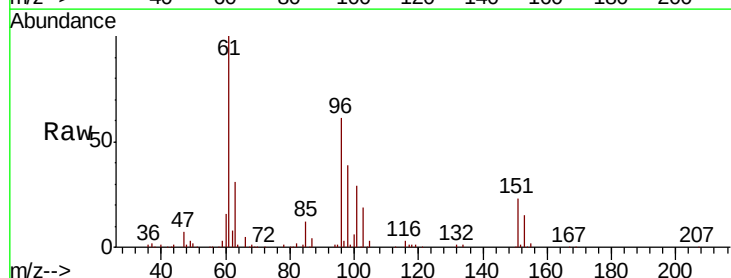
Tgt Ion: 96 Resp: 199600

Ion Ratio Lower Upper

96 100

61 163.5 127.0 190.6

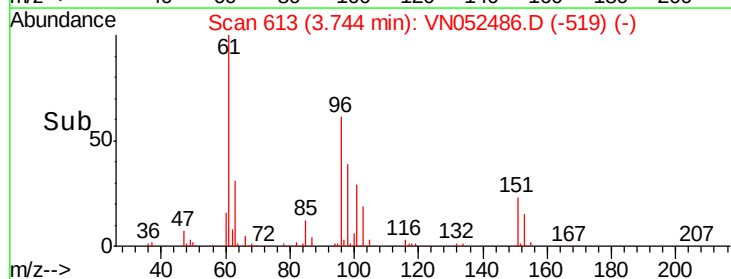
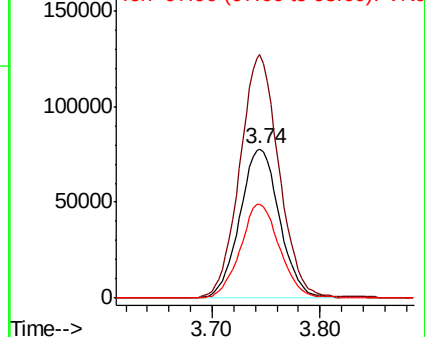
98 63.3 50.3 75.5

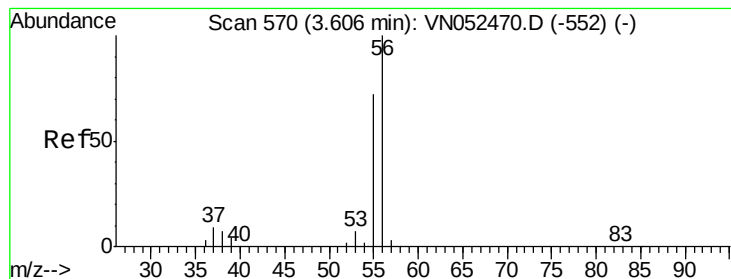


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 108.258 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

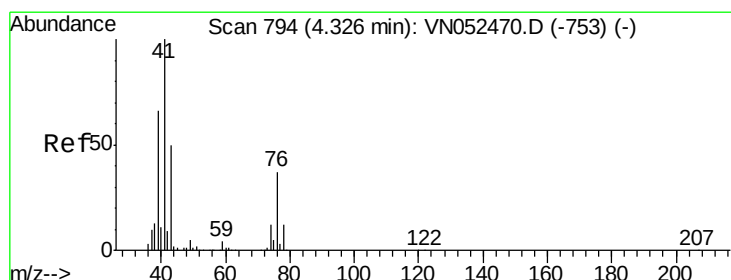
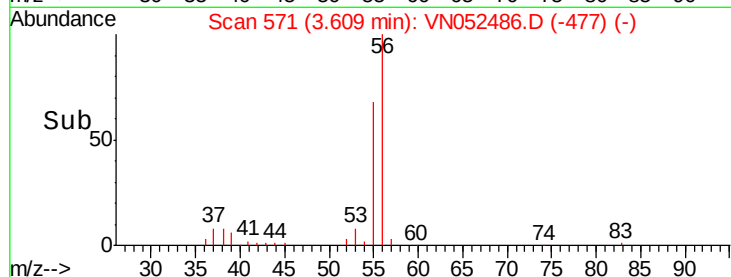
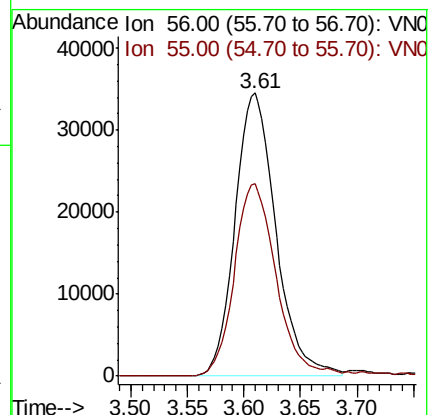
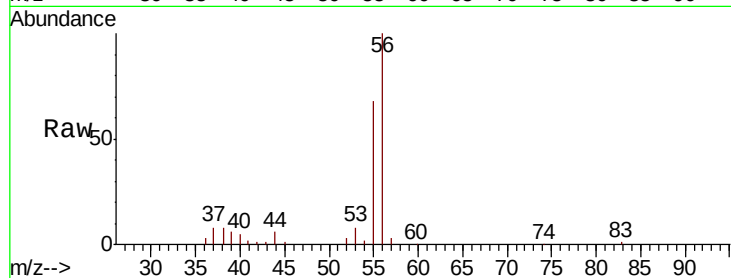
VN1127WBSD01

Tot Ion: 56 Resp: 86845

Ion Ratio Lower Upper

56 100

55 69.7 56.8 85.2



#14

Allyl chloride

Concen: 20.204 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

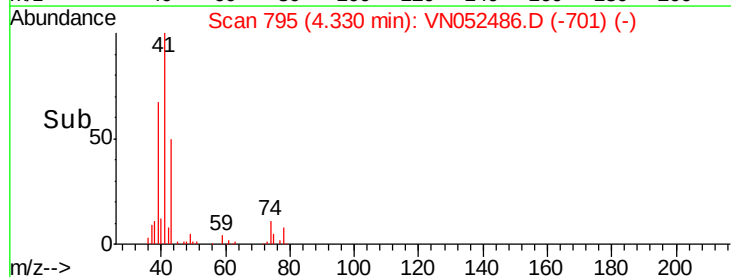
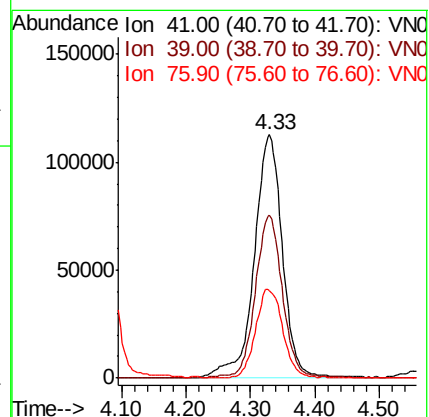
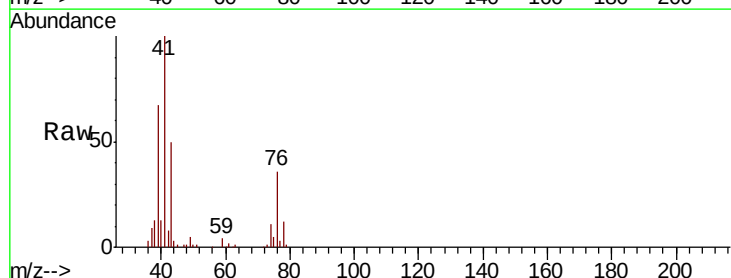
Tgt Ion: 41 Resp: 343127

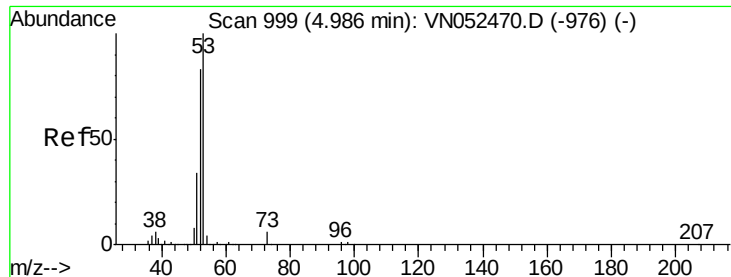
Ion Ratio Lower Upper

41 100

39 64.4 50.6 76.0

76 34.8 27.4 41.2





#15

Acrylonitrile

Concen: 96.257 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

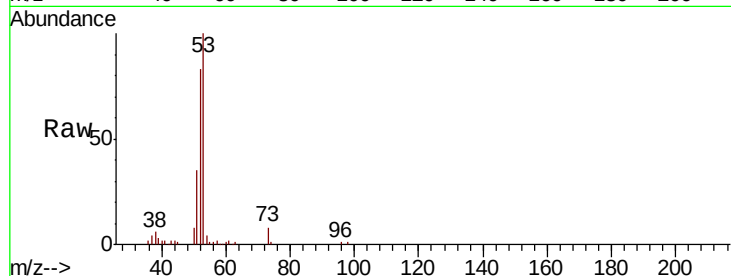
Tot Ion: 53 Resp: 349384

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

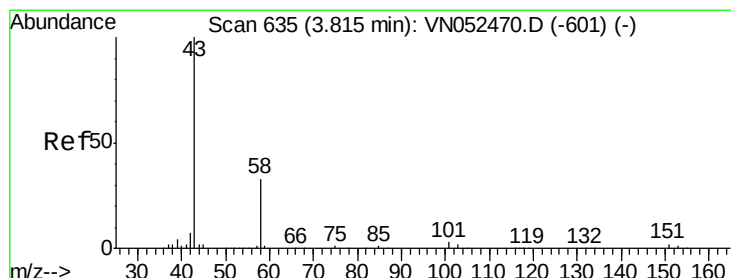
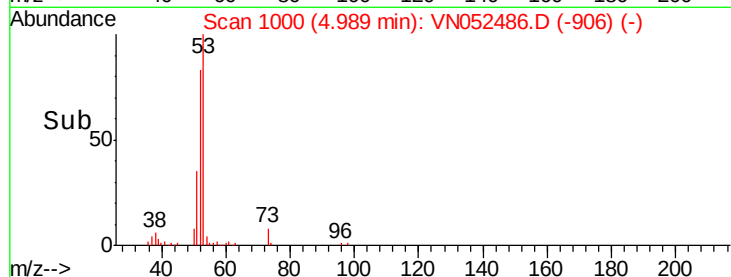
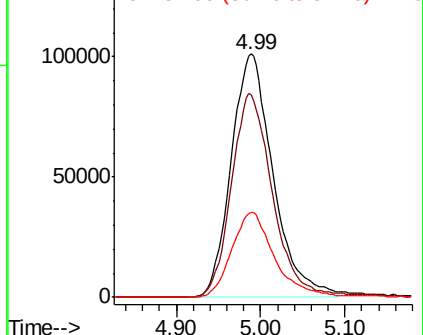
51 35.7 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 83.444 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052486.D

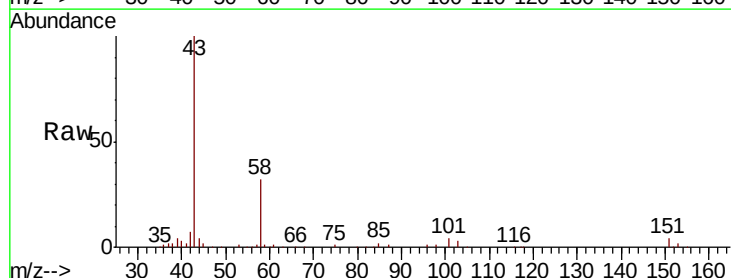
Acq: 27 Nov 2018 18:33

Tgt Ion: 43 Resp: 252086

Ion Ratio Lower Upper

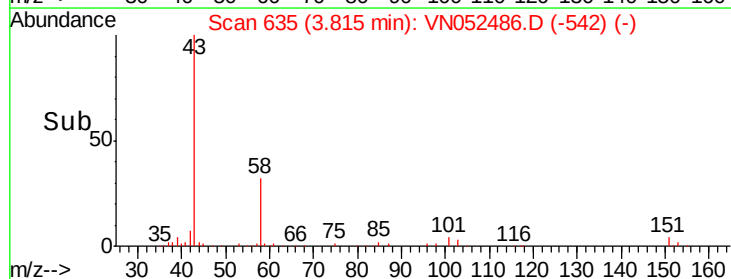
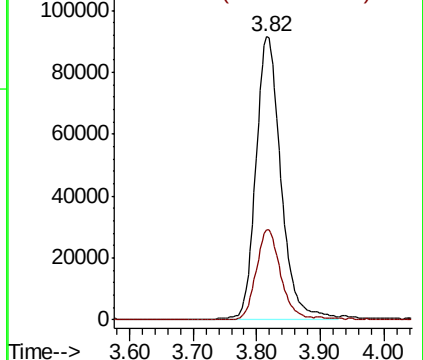
43 100

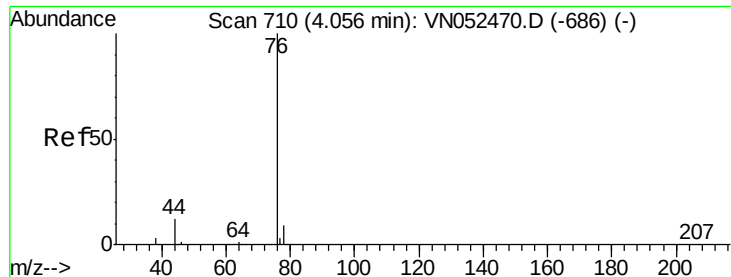
58 31.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.968 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

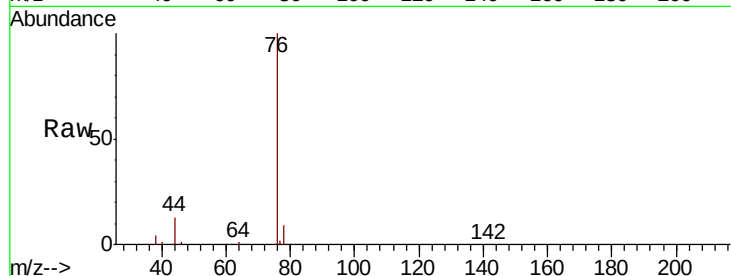
VN1127WBSD01

Tot Ion: 76 Resp: 588189

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN052470.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN052470.D (-686) (-)

4.06

250000

200000

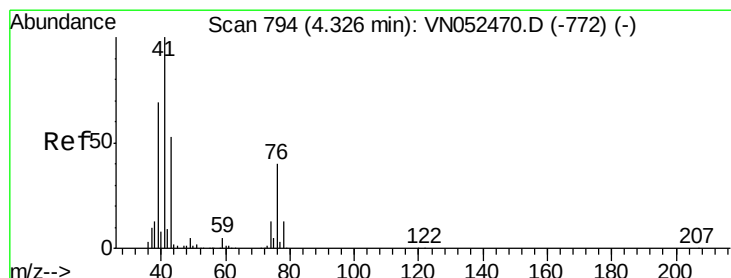
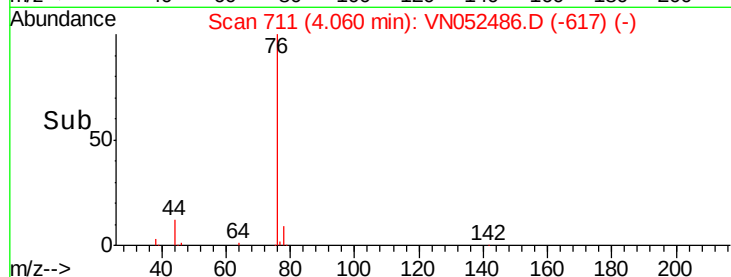
150000

100000

50000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 19.381 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052486.D

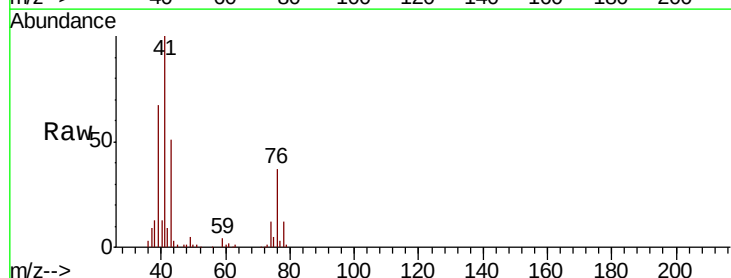
Acq: 27 Nov 2018 18:33

Tgt Ion: 43 Resp: 167951

Ion Ratio Lower Upper

43 100

74 22.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN052470.D (-772) (-)

4.33

60000

50000

40000

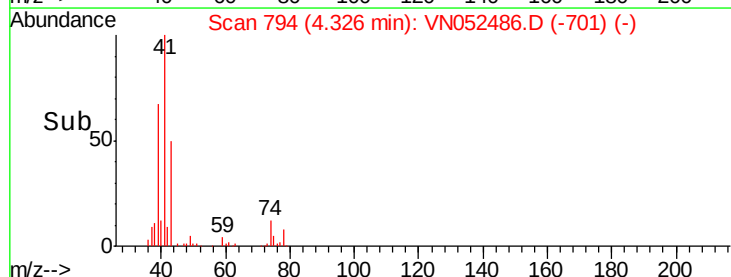
30000

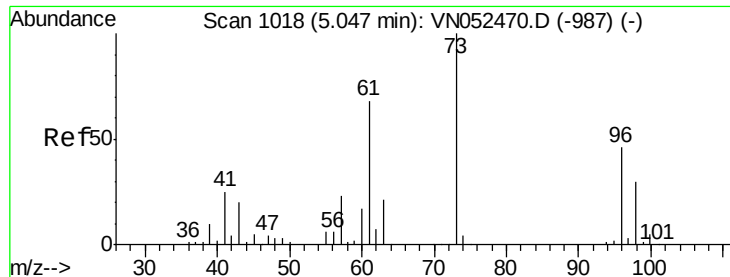
20000

10000

0

Time--> 4.20 4.30 4.40

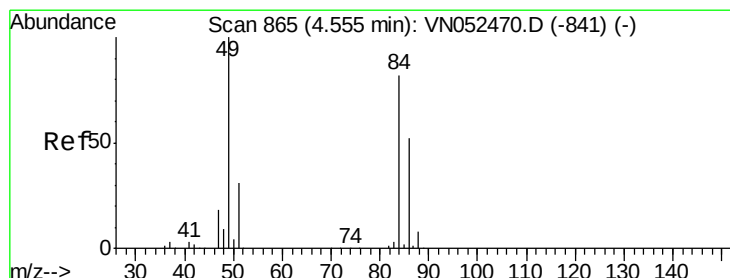
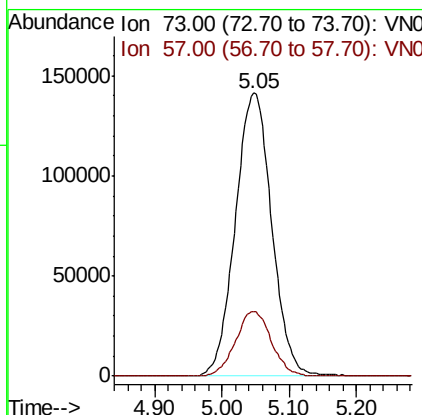
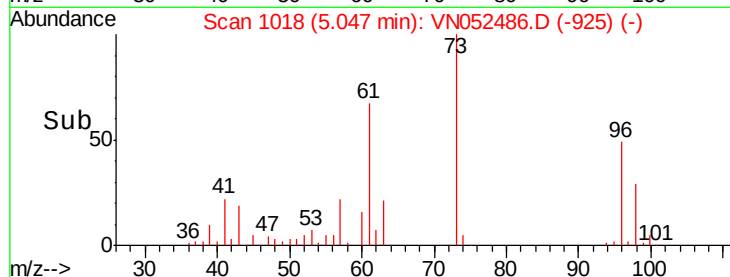
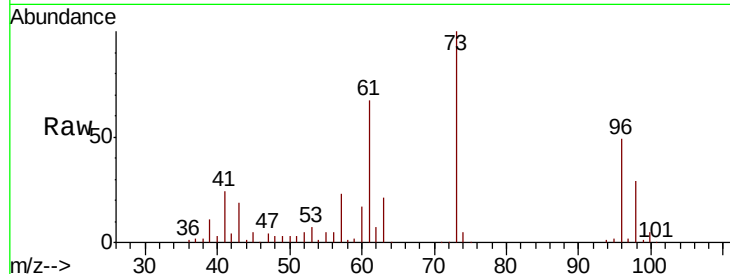




#19
Methvl tert-butyl Ether
Concen: 20.232 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

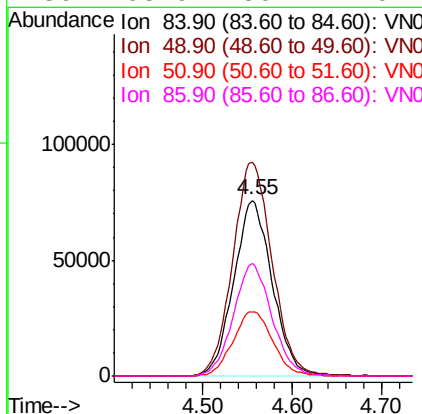
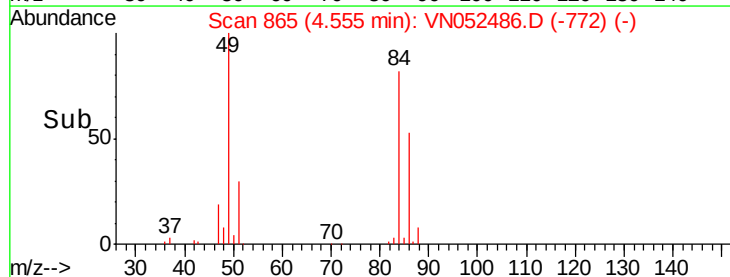
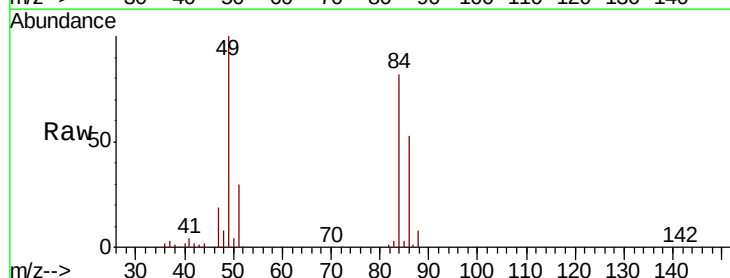
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

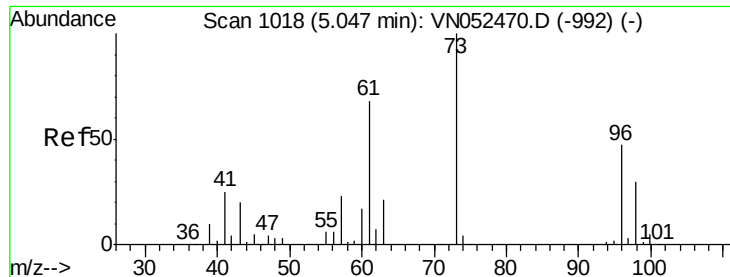
Tot Ion: 73 Resp: 530444
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 19.240 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 84 Resp: 227452
Ion Ratio Lower Upper
84 100
49 121.5 98.0 147.0
51 36.5 30.1 45.1
86 63.9 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.158 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

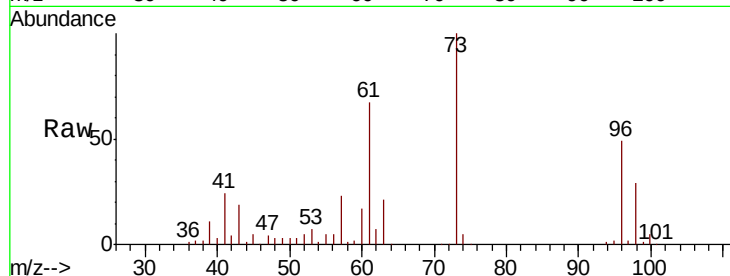
Tot Ion: 96 Resp: 212146

Ion Ratio Lower Upper

96 100

61 137.8 117.0 175.4

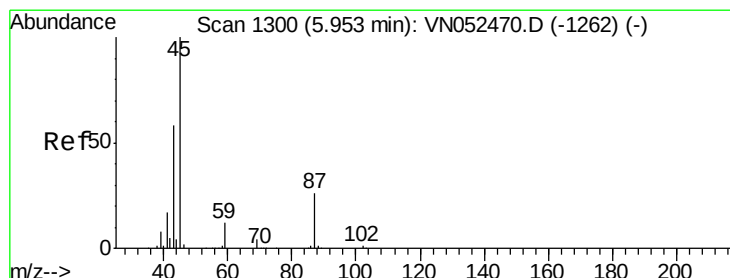
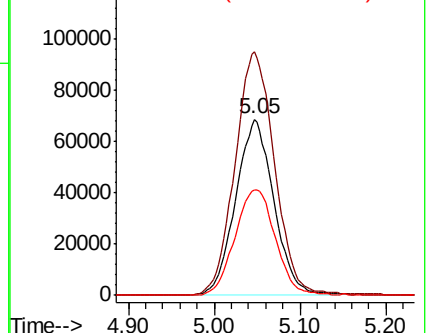
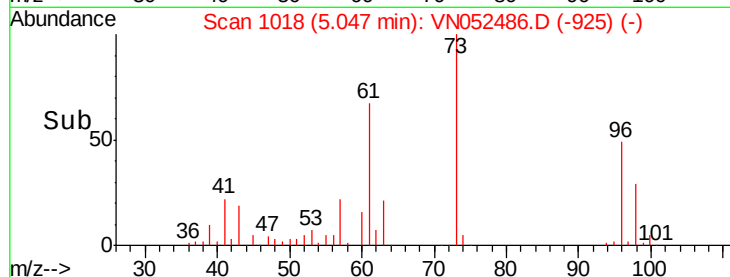
98 59.9 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VN052486.D (-925) (-)

Ion 60.90 (60.60 to 61.60): VN052486.D (-925) (-)

Ion 97.90 (97.60 to 98.60): VN052486.D (-925) (-)



#22

Diisopropyl ether

Concen: 20.376 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Tgt Ion: 45 Resp: 726897

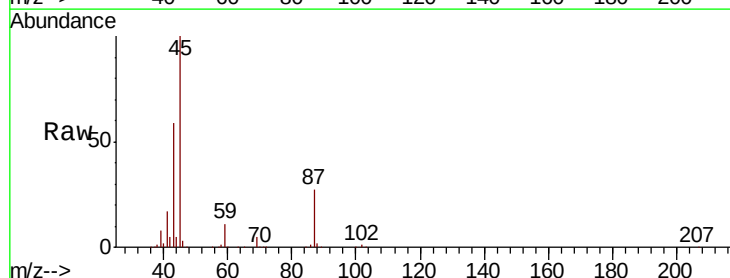
Ion Ratio Lower Upper

45 100

43 58.1 46.1 69.1

87 27.2 21.3 31.9

59 11.4 9.5 14.3

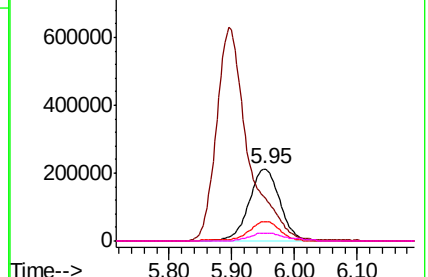
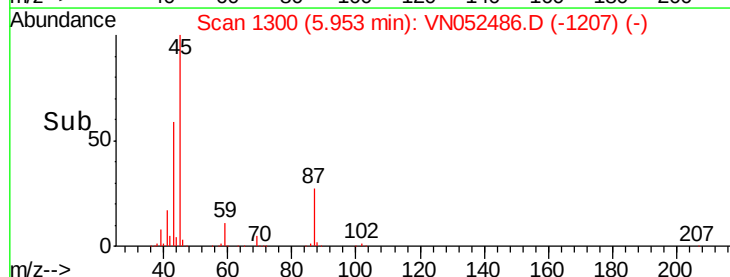


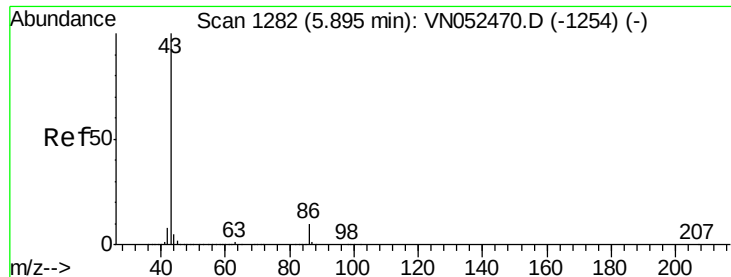
Abundance Ion 45.00 (44.70 to 45.70): VN052486.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN052486.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN052486.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN052486.D (-1207) (-)





#23

Vinyl Acetate

Concen: 99.274 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

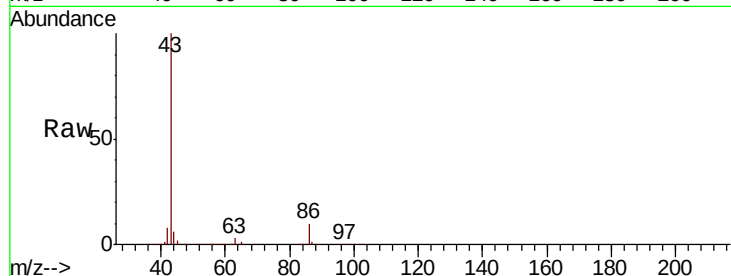
VN1127WBSD01

Tot Ion: 43 Resp: 2205822

Ion Ratio Lower Upper

43 100

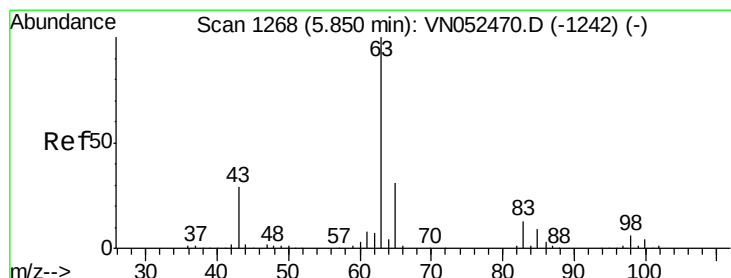
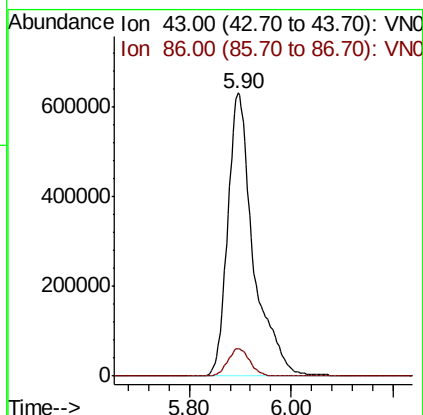
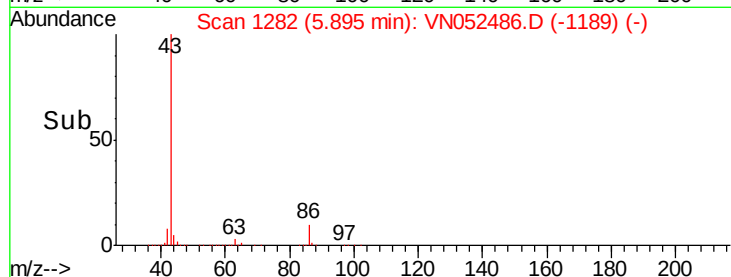
86 9.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN052470.D (-1254) (-)

Time-->



#24

1,1-Dichloroethane

Concen: 20.352 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

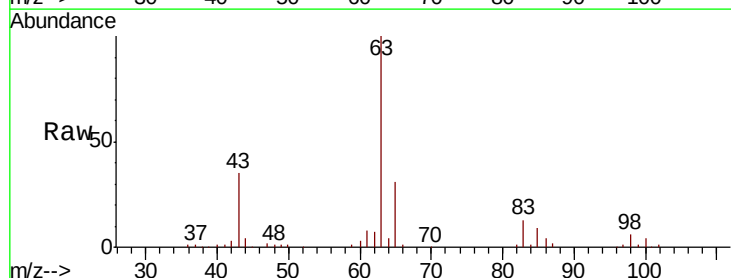
Tgt Ion: 63 Resp: 414541

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.1 2.0 5.8

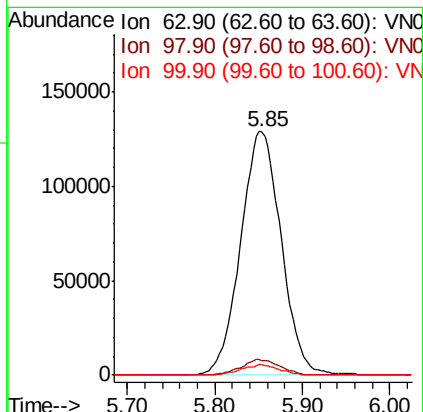
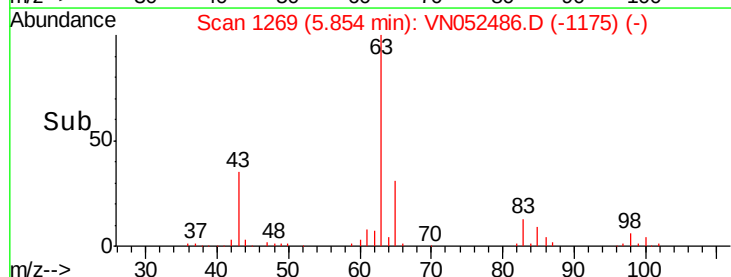


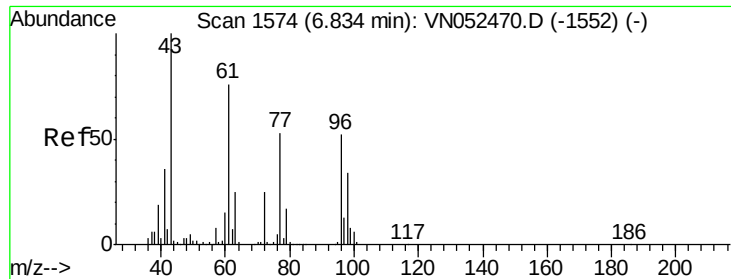
Abundance Ion 62.90 (62.60 to 63.60): VN052486.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN052486.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN052486.D (-1175) (-)

Time-->

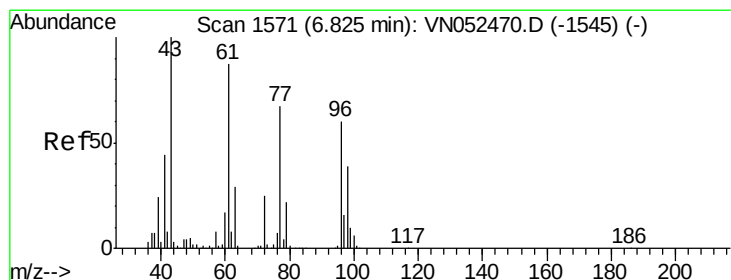
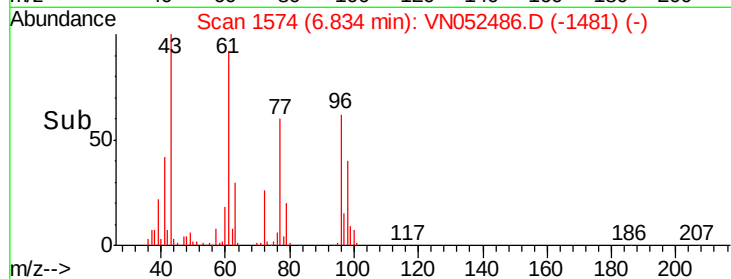
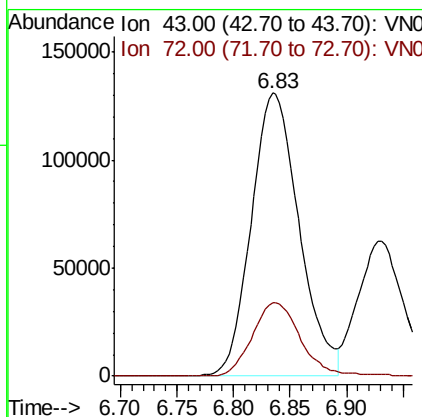
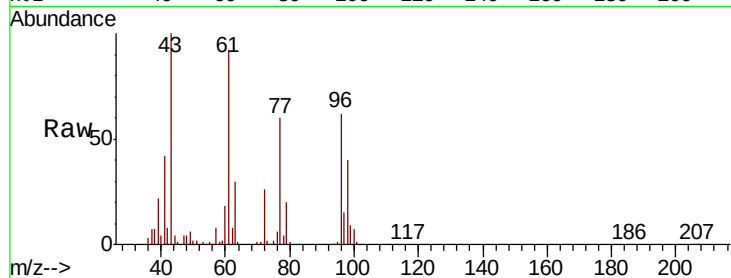




#25
 2-Butanone
 Concen: 89.717 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

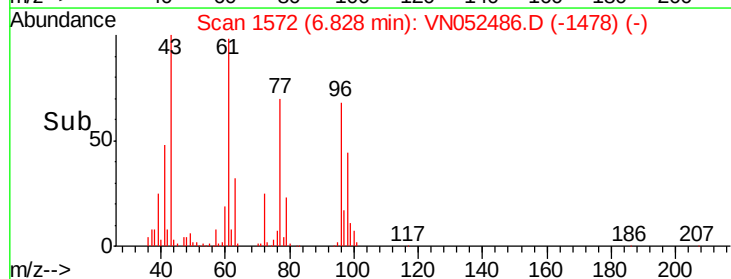
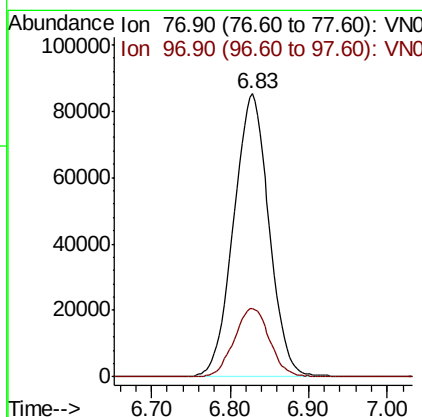
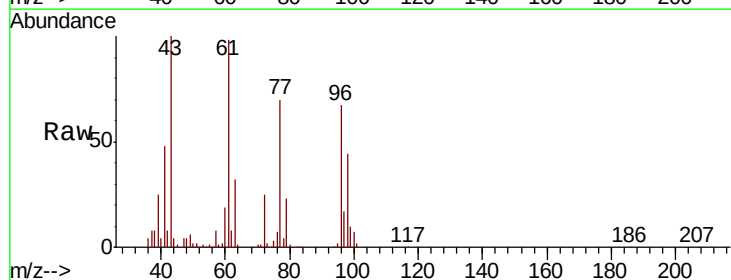
Instrument :
 MSVOA_N
 ClientSampled :
 VN1127WBSD01

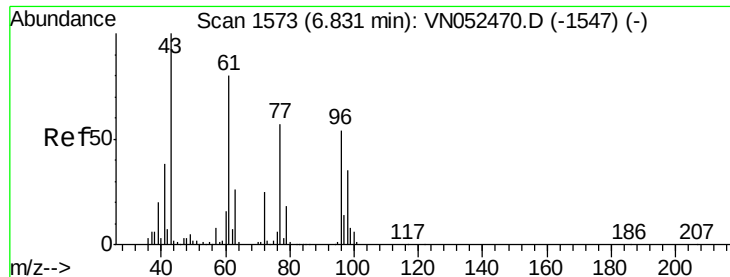
Tot Ion: 43 Resp: 384167
 Ion Ratio Lower Upper
 43 100
 72 26.1 20.1 30.1



#26
 2,2-Dichloropropane
 Concen: 19.019 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 77 Resp: 268140
 Ion Ratio Lower Upper
 77 100
 97 24.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.008 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

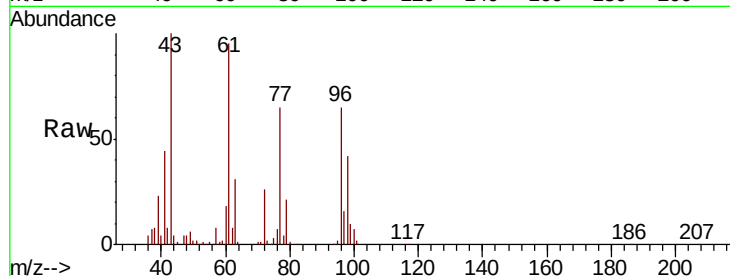
Tot Ion: 96 Resp: 245287

Ion Ratio Lower Upper

96 100

61 144.3 0.0 291.0

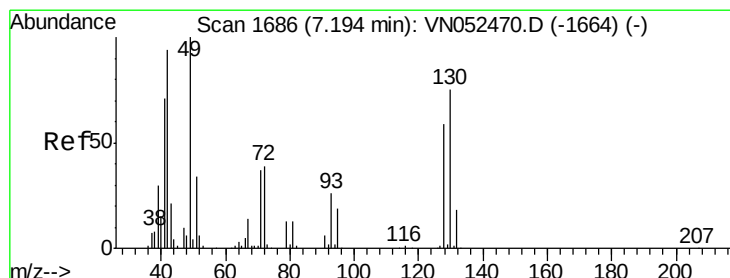
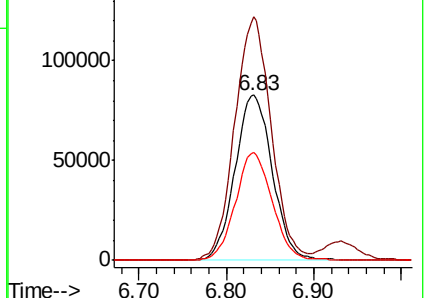
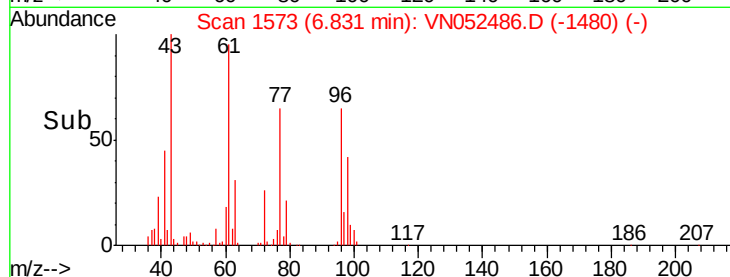
98 64.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.449 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

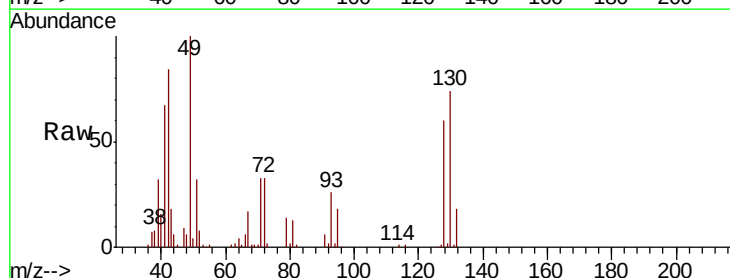
Tgt Ion: 49 Resp: 180937

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

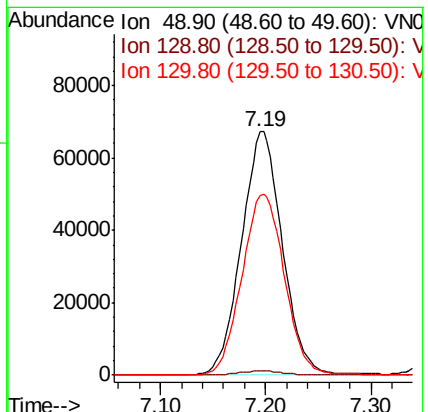
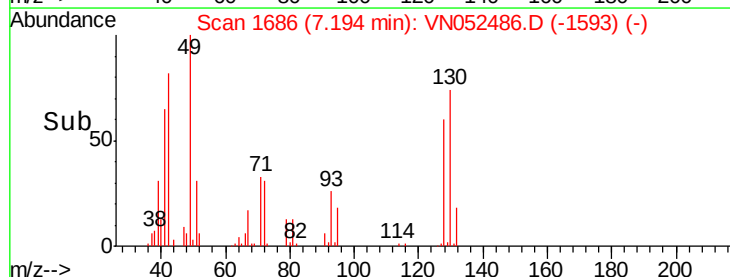
130 77.5 60.2 90.2

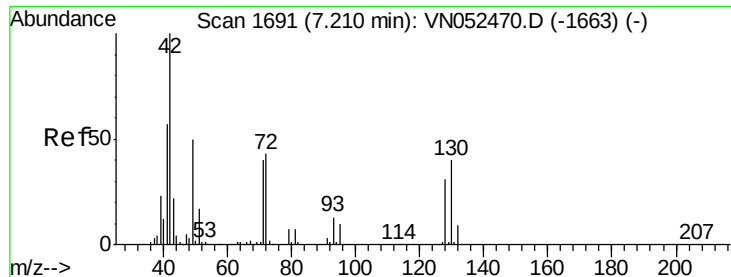


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

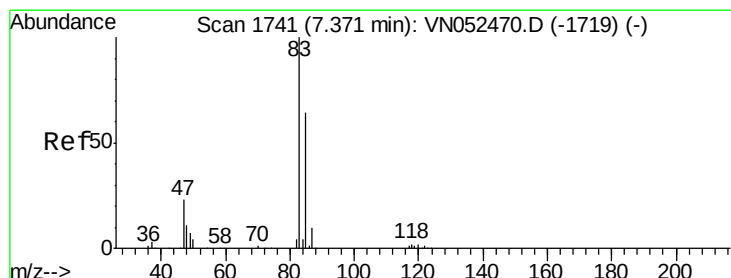
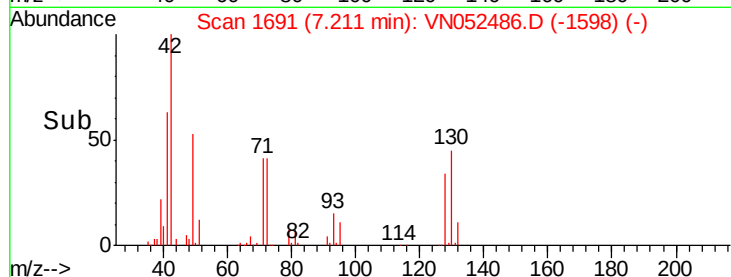
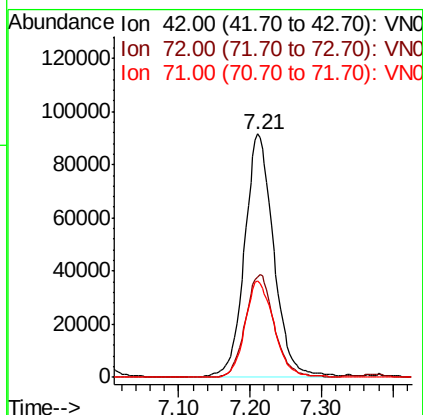
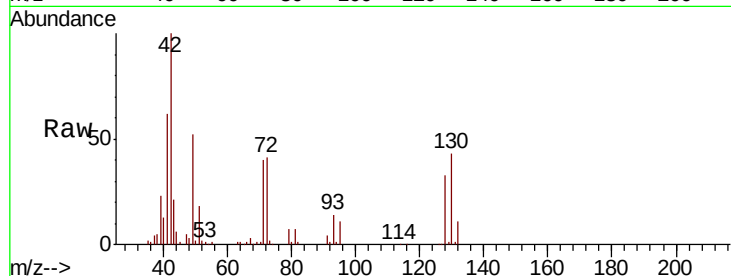




#29
Tetrahydrofuran
Concen: 94.381 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

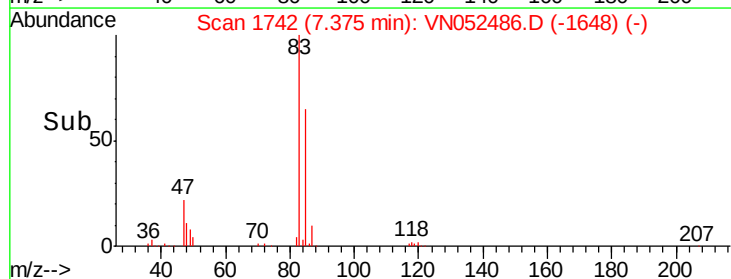
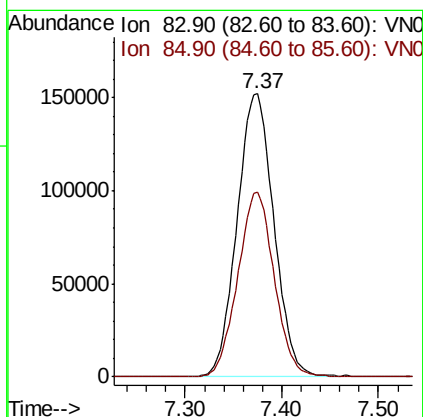
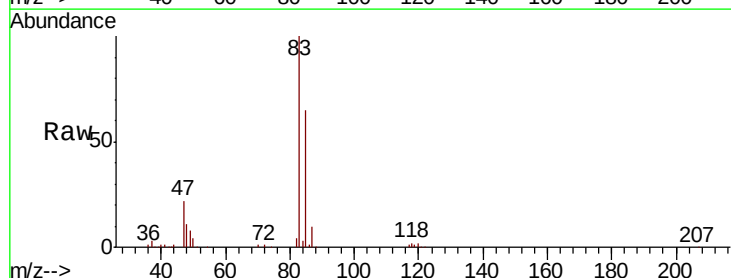
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

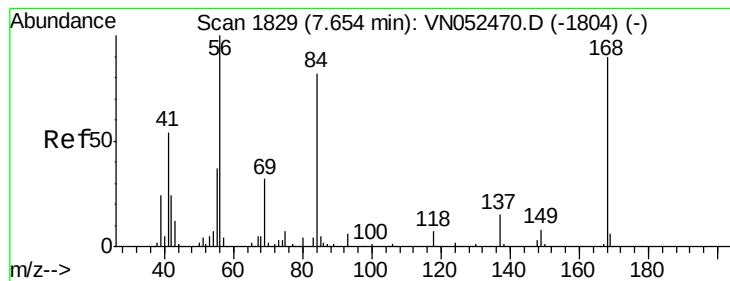
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.3	49.9
71	39.0	32.0	48.0



#30
Chloroform
Concen: 19.792 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.4





#31

Cyclohexane

Concen: 20.063 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

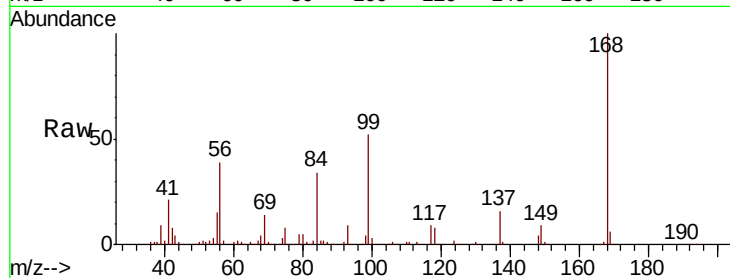
Tot Ion: 56 Resp: 399844

Ion Ratio Lower Upper

56 100

69 35.7 25.8 38.6

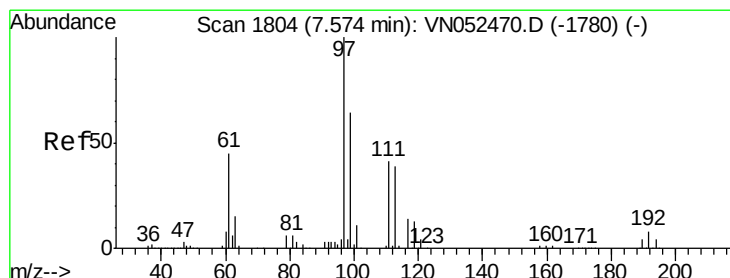
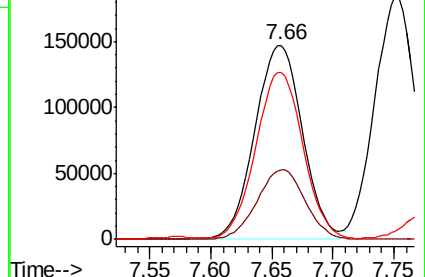
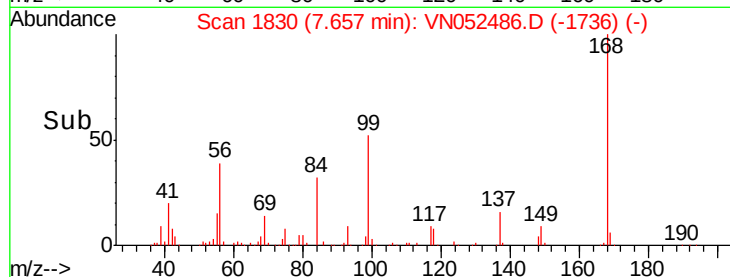
84 85.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN052486.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052486.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052486.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 20.158 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

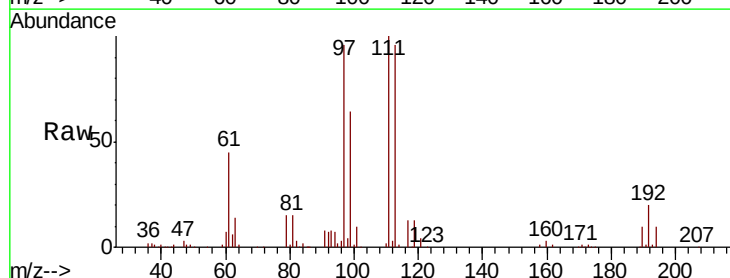
Tgt Ion: 97 Resp: 324562

Ion Ratio Lower Upper

97 100

99 65.8 51.7 77.5

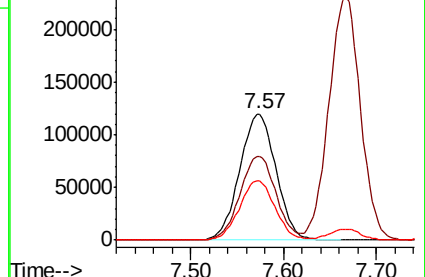
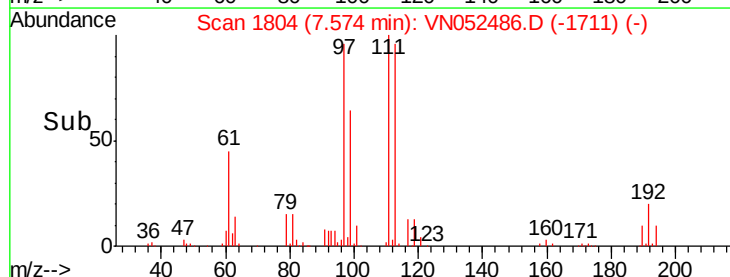
61 46.2 36.8 55.2

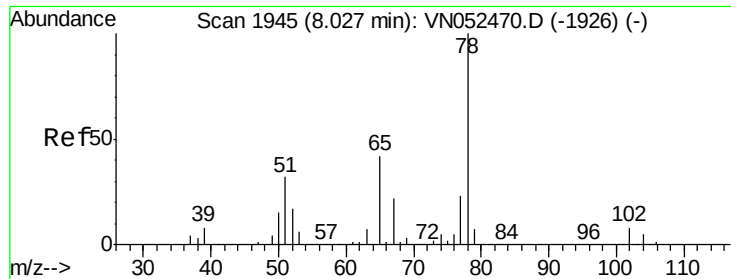


Abundance Ion 96.90 (96.60 to 97.60): VN052486.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN052486.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN052486.D (-1711) (-)

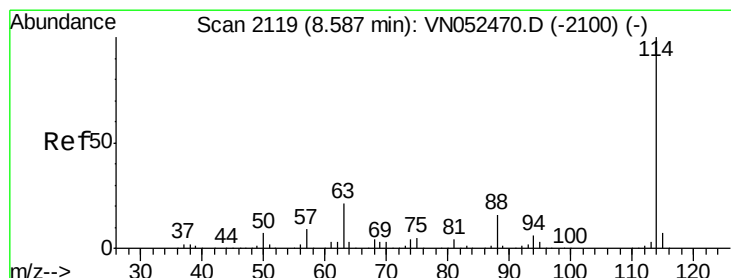
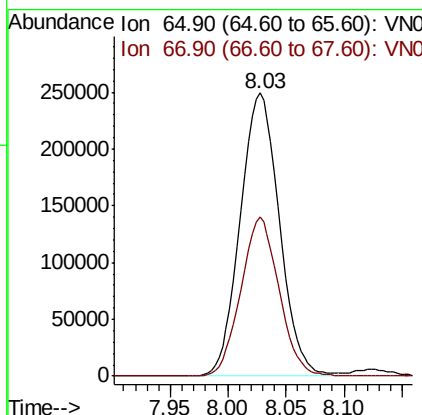
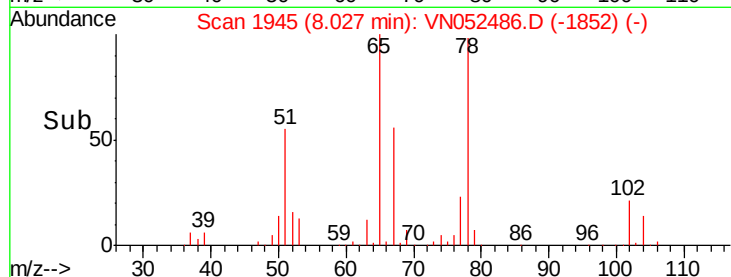
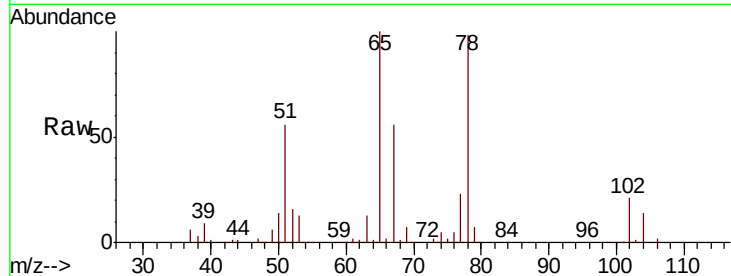




#33
 1,2-Dichloroethane-d4
 Concen: 20.158 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

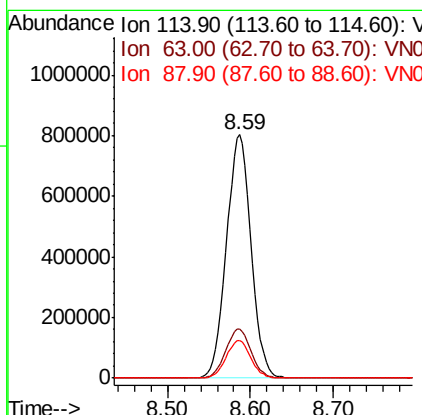
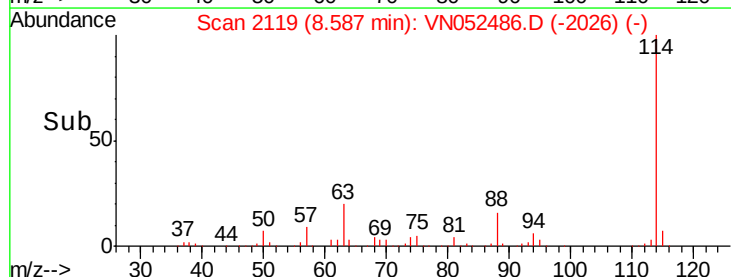
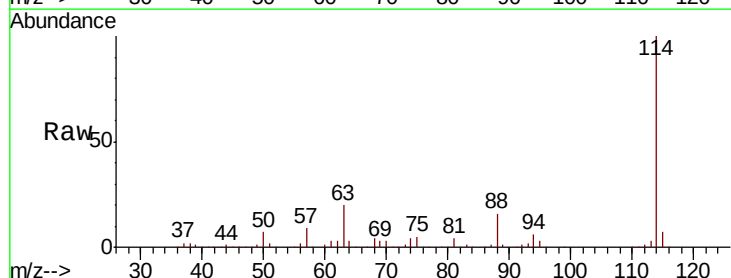
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

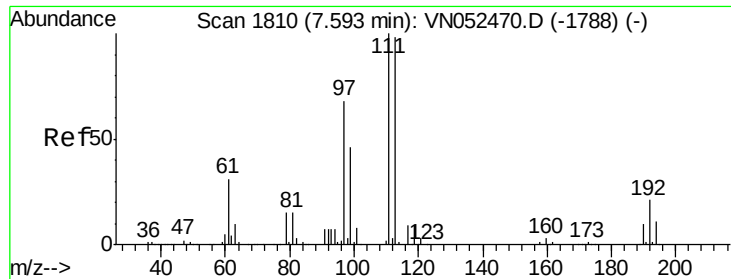
Tot Ion: 65 Resp: 587064
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 114 Resp: 1654872
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.5 0.0 31.6

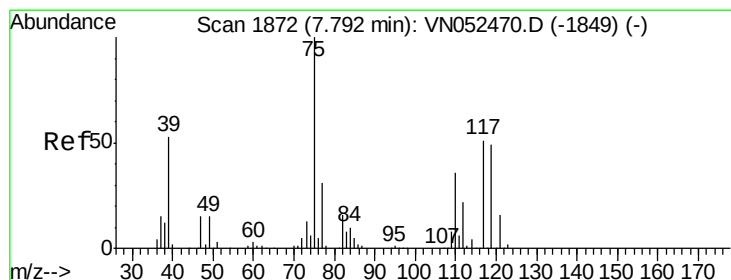
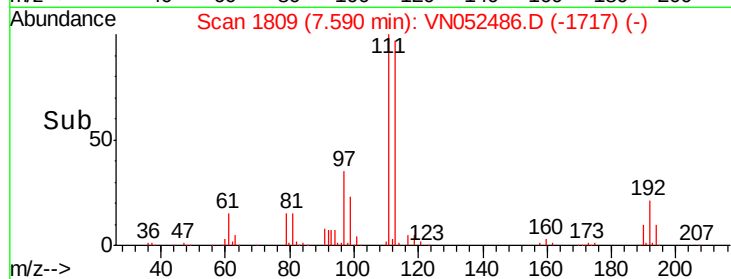
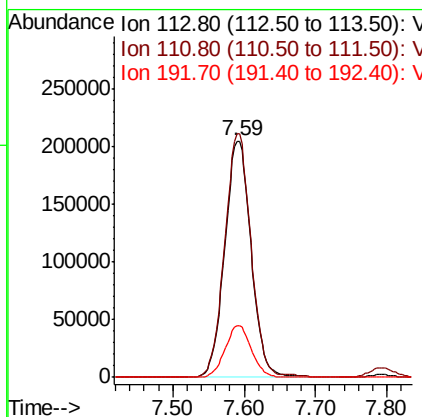
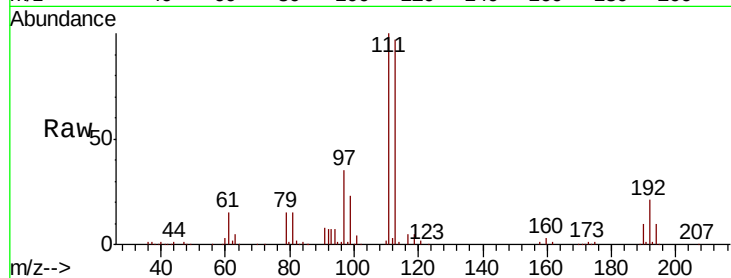




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

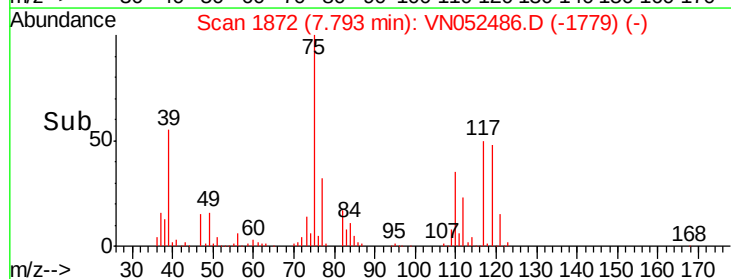
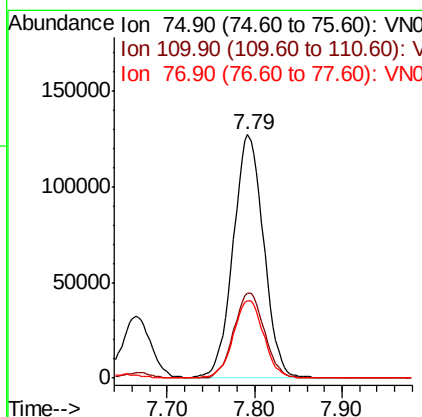
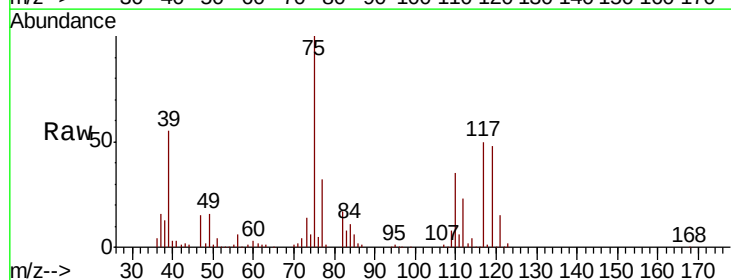
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

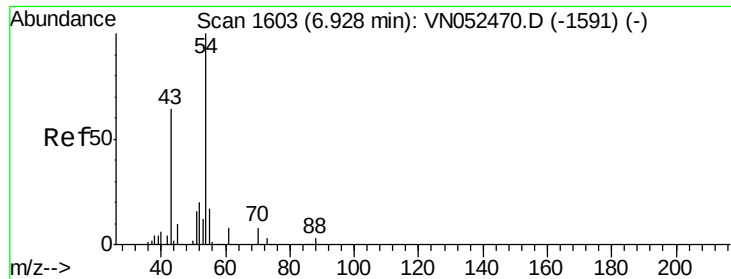
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	21.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 19.759 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.6
77	31.9	24.5	36.7

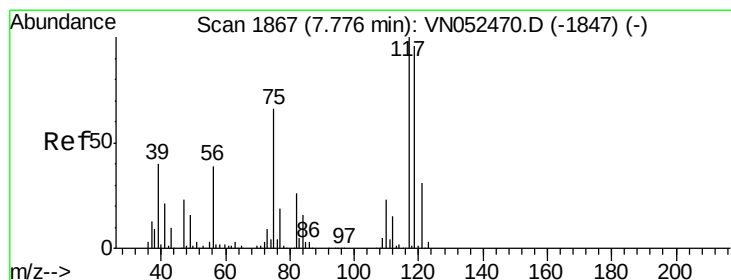
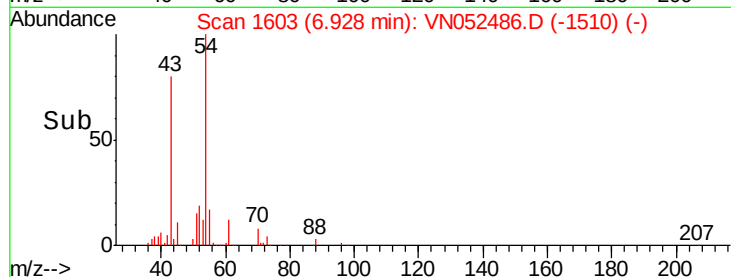
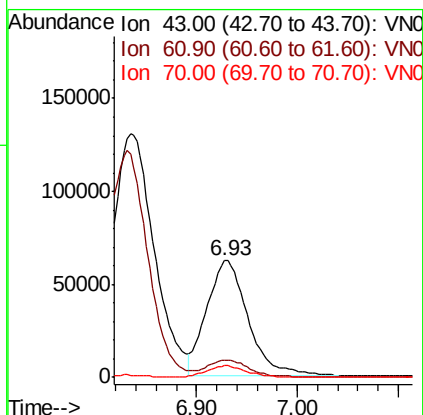
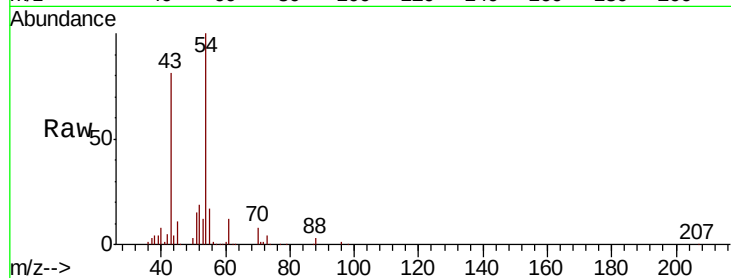




#37
Ethyl Acetate
Concen: 18.520 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

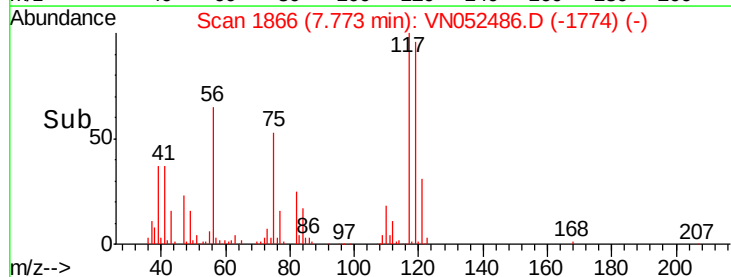
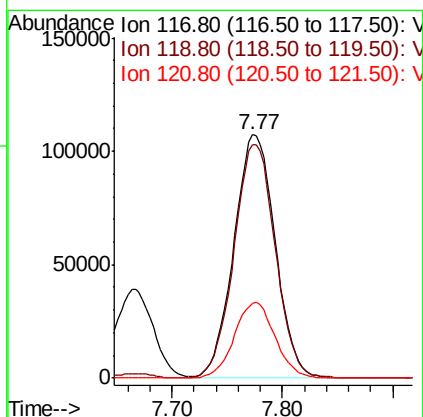
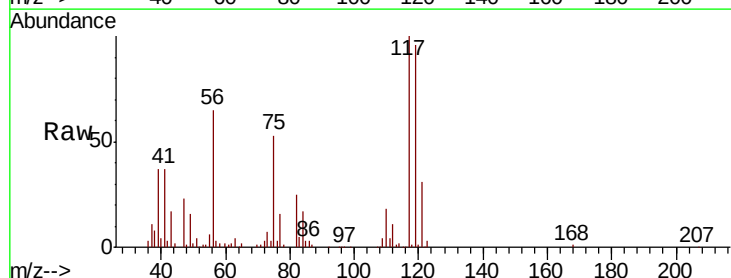
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

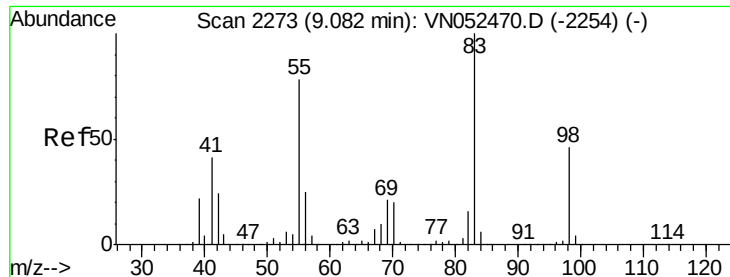
Tot Ion: 43 Resp: 176628
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.593 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 117 Resp: 277178
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.7 24.9 37.3

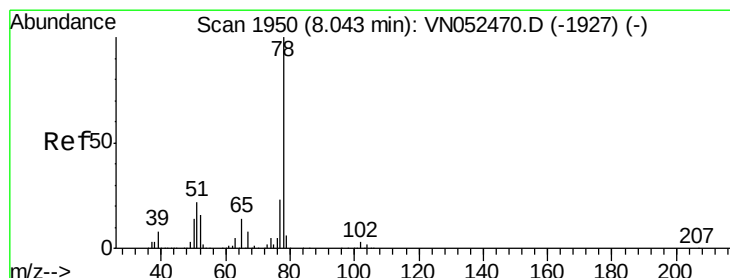
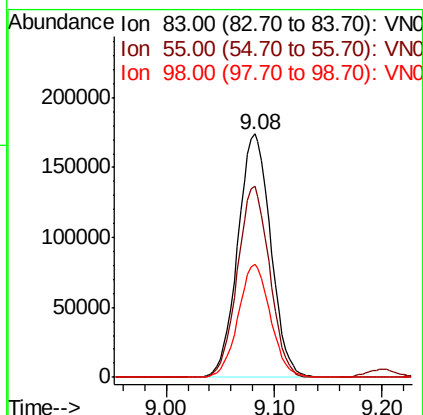
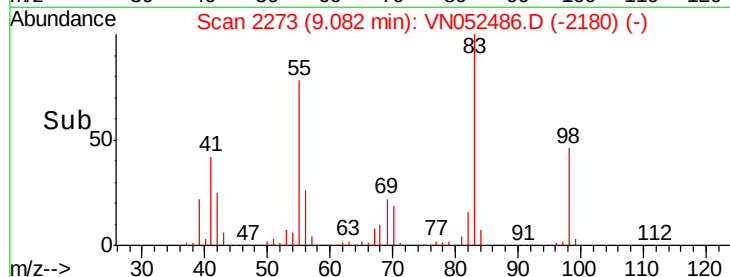
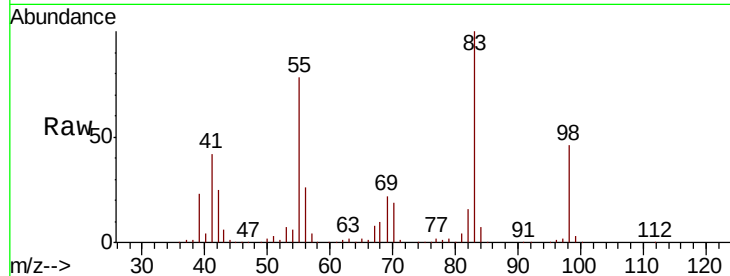




#39
Methylvlcyclohexane
Concen: 19.460 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

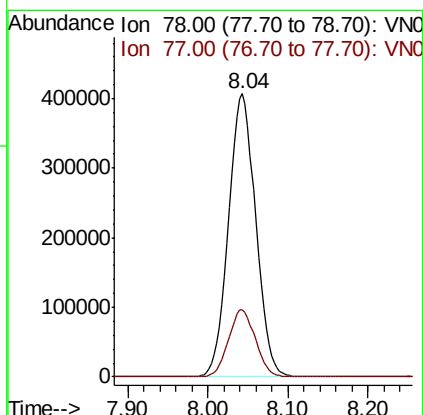
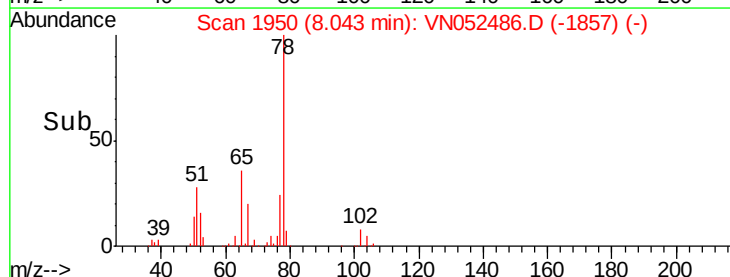
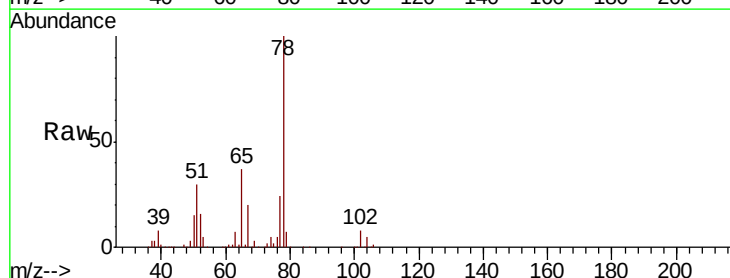
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

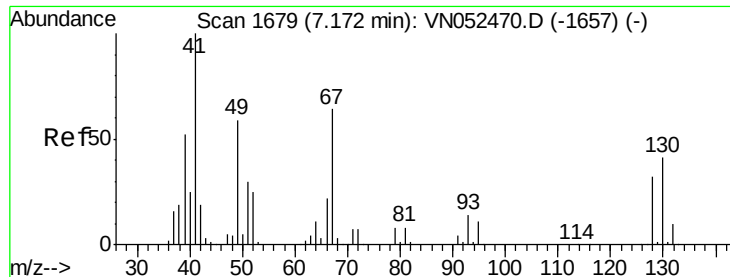
Tot Ion: 83 Resp: 369628
Ion Ratio Lower Upper
83 100
55 78.2 62.2 93.2
98 46.4 36.4 54.6



#40
Benzene
Concen: 20.173 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 78 Resp: 939496
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 17.919 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 41 Resp: 93432

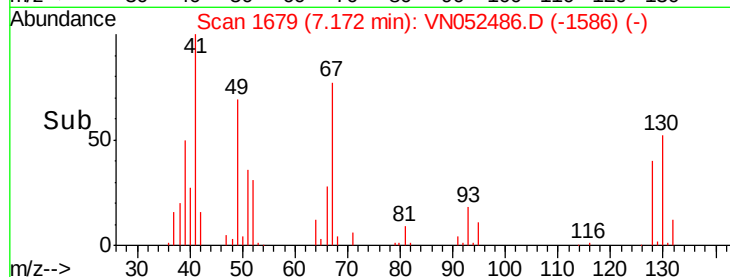
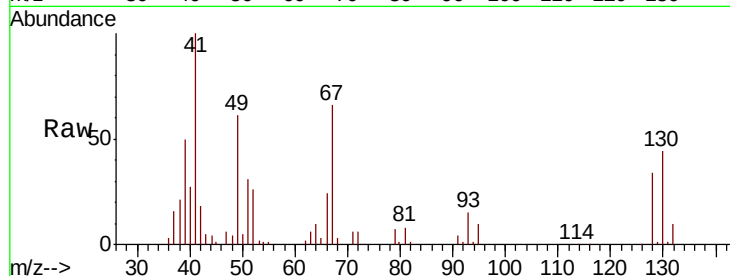
Ion Ratio Lower Upper

41 100

39 79.8 50.9 76.3#

67 89.2 63.6 95.4

52 36.4 24.4 36.6

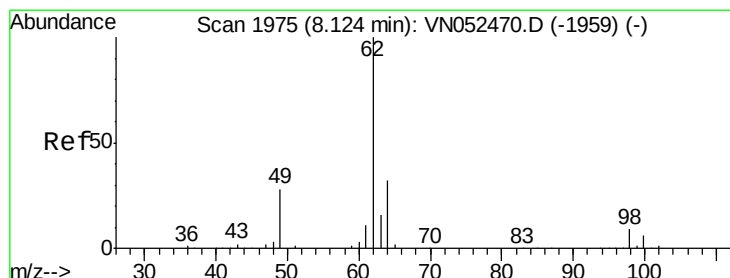
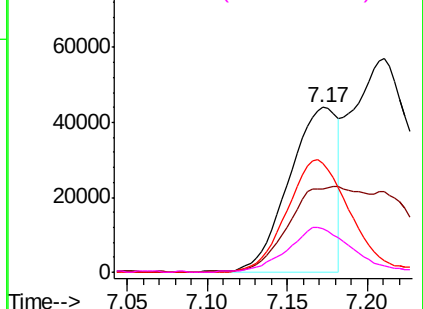


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.911 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN052486.D

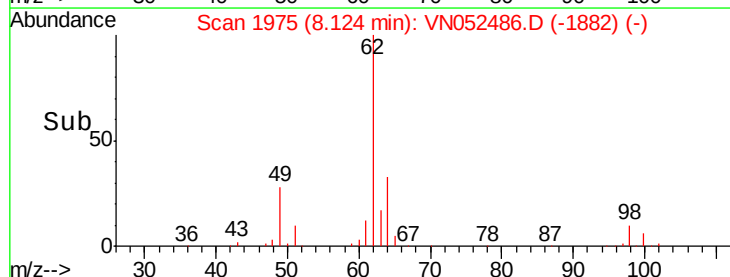
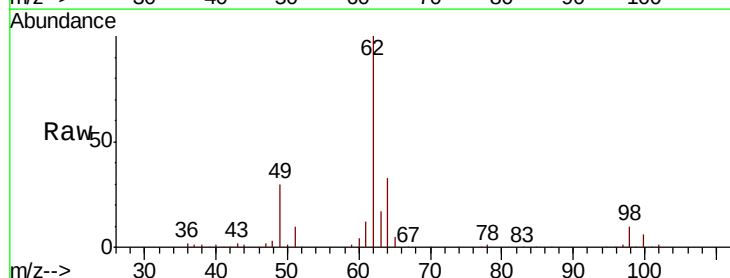
Acq: 27 Nov 2018 18:33

Tgt Ion: 62 Resp: 280780

Ion Ratio Lower Upper

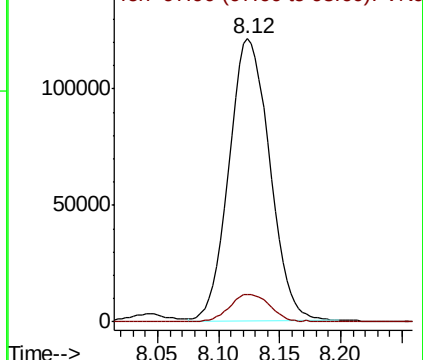
62 100

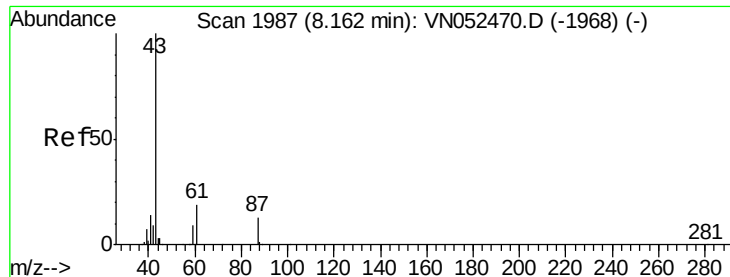
98 9.8 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.349 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

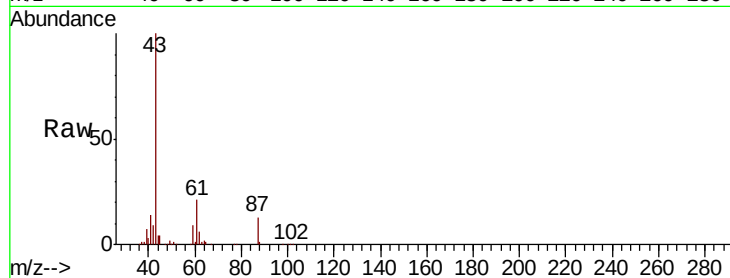
MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 43 Resp: 312293

Ion	Ratio	Lower	Upper
43	100		
61	20.6	24.1	36.1#
87	13.4	10.6	15.8

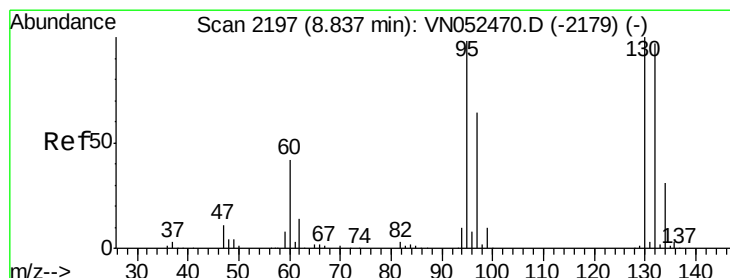
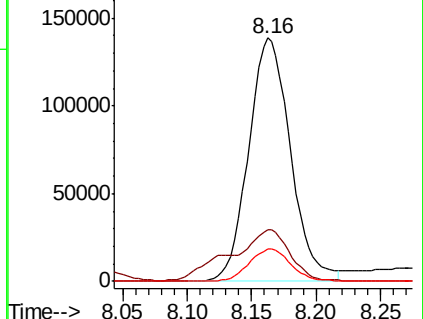
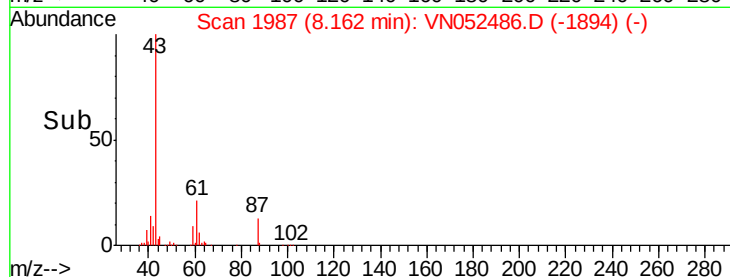


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 20.025 ug/l

RT: 8.84 min Scan# 2197

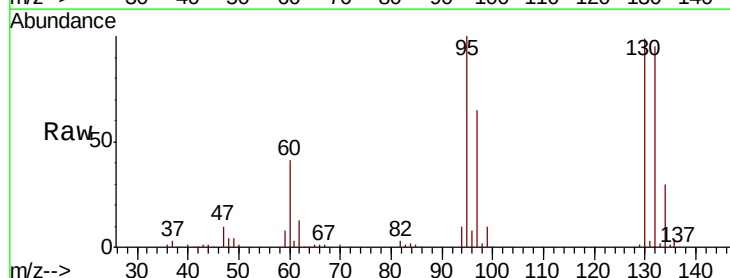
Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Tgt Ion: 130 Resp: 238892

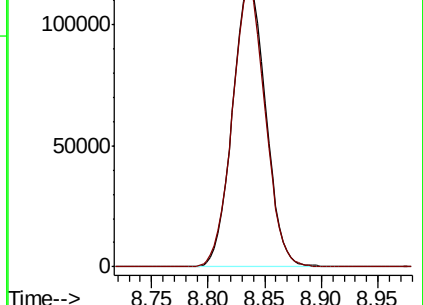
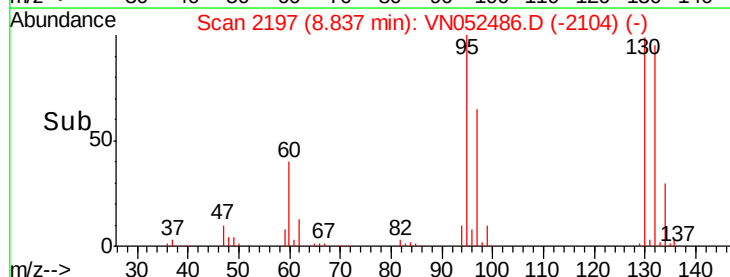
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	195.6

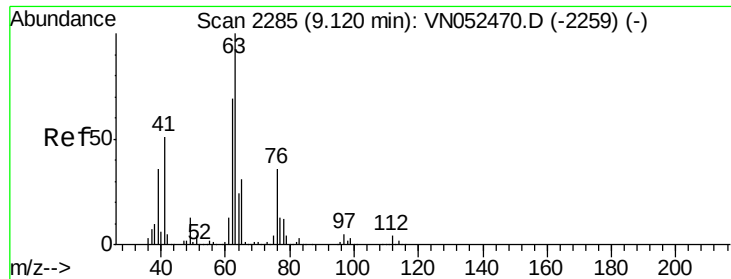


Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052470.D (-2179) (-)

Time-->

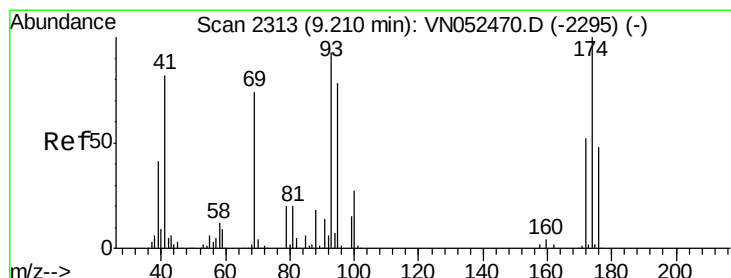
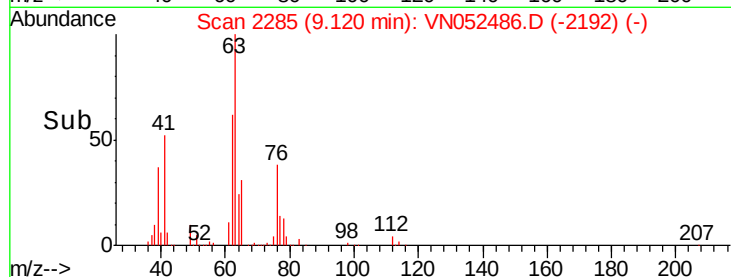
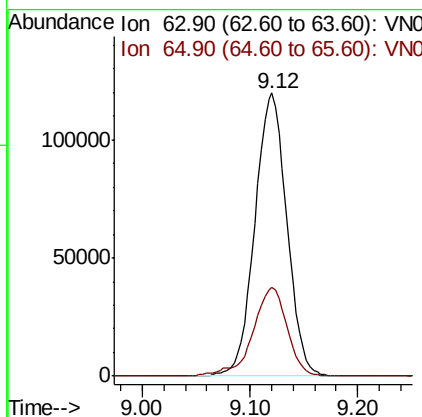
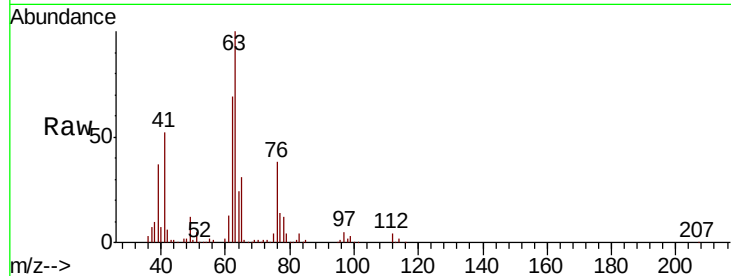




#45
 1,2-Dichloropropane
 Concen: 19.883 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

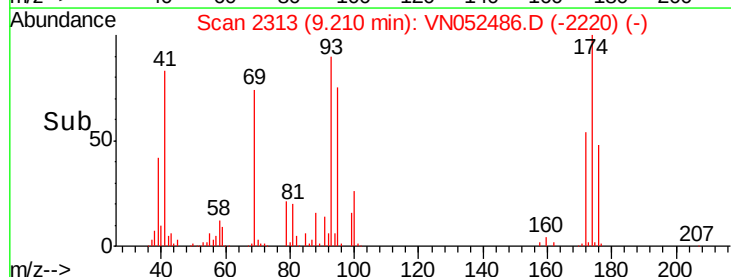
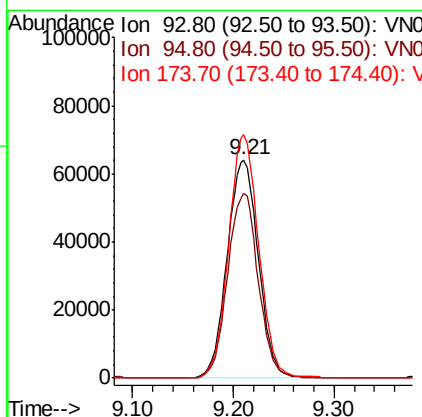
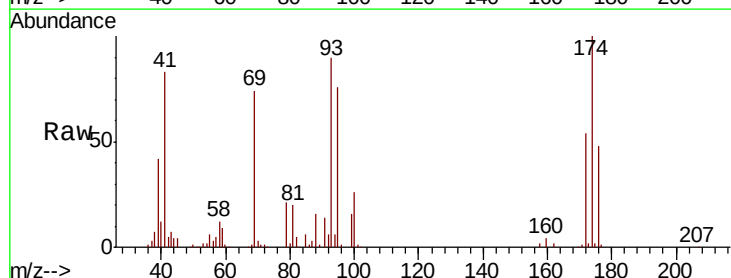
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

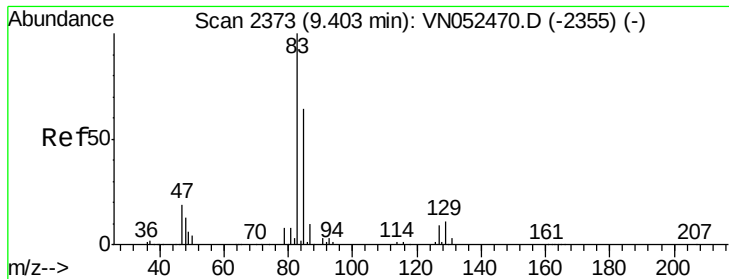
Tot Ion: 63 Resp: 246184
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 20.138 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 93 Resp: 138032
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.1 100.7
 174 107.7 85.8 128.8

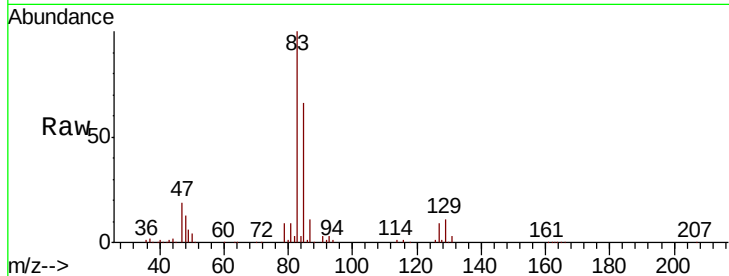




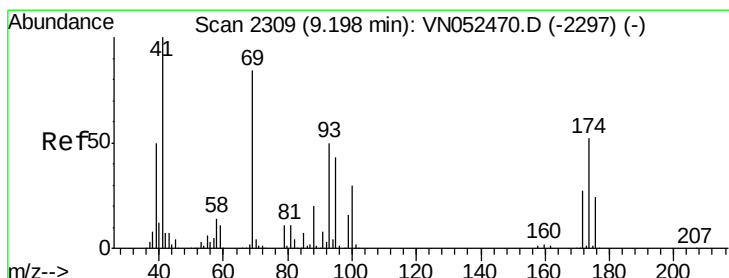
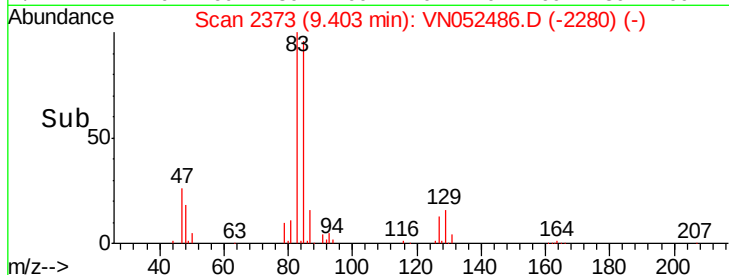
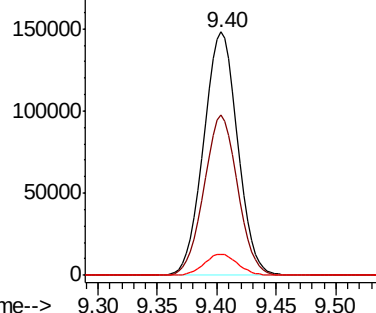
#47
Bromodichloromethane
Concen: 19.668 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion: 83 Resp: 293101
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9
127 8.8 6.9 10.3

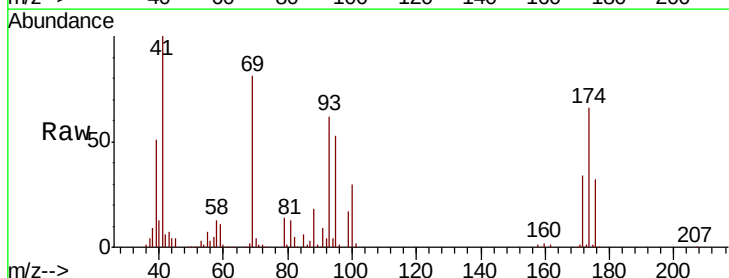


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

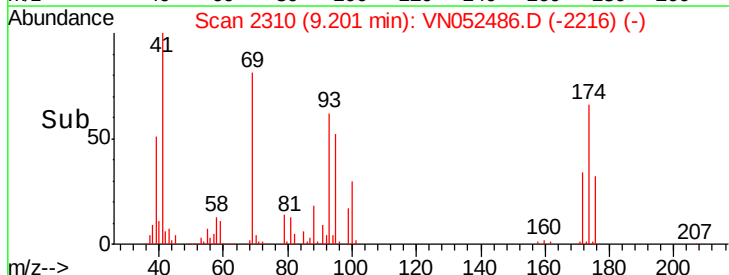
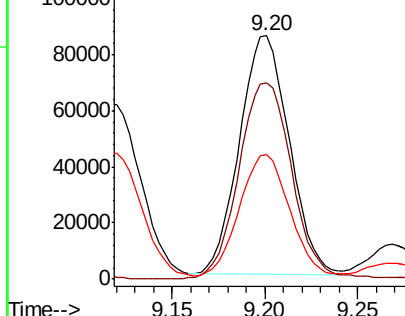


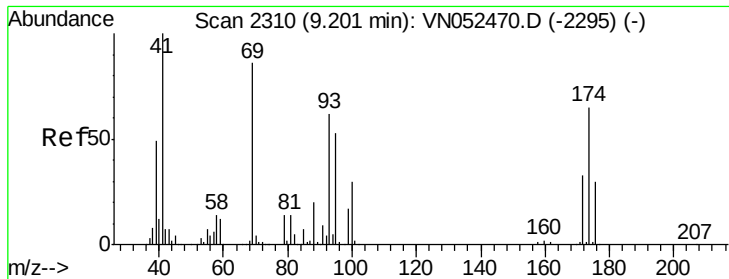
#48
Methyl methacrylate
Concen: 18.975 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 41 Resp: 159692
Ion Ratio Lower Upper
41 100
69 87.5 70.0 105.0
39 53.4 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

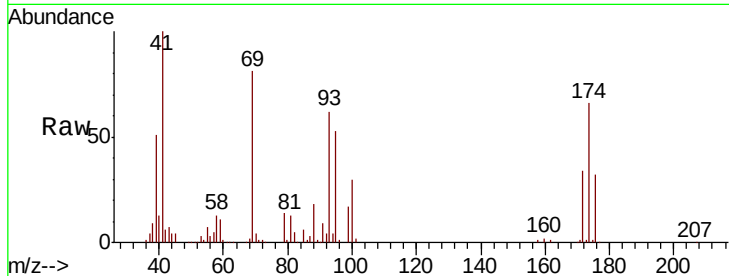




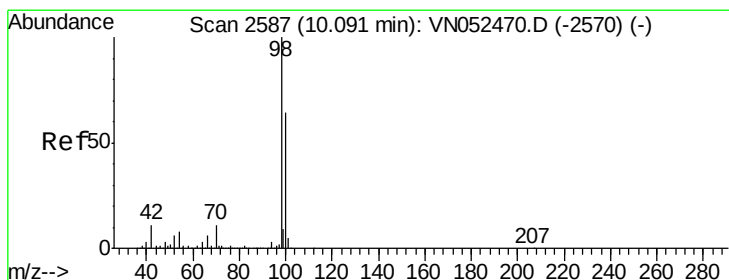
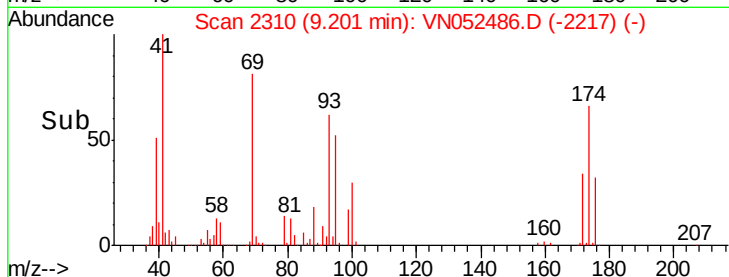
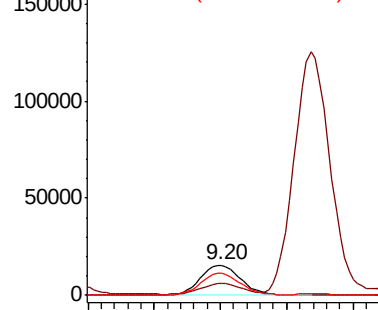
#49
1,4-Dioxane
Concen: 379.164 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion: 88 Resp: 33117
Ion Ratio Lower Upper
88 100
43 36.5 26.4 39.6
58 72.9 55.4 83.0

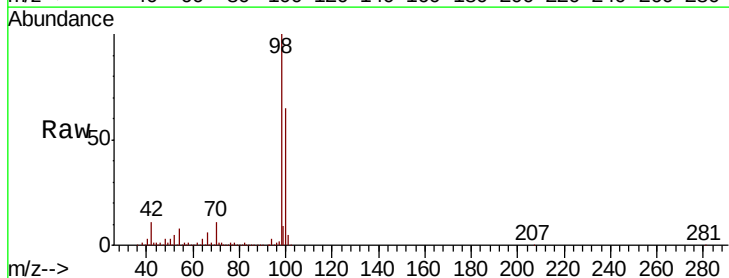


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

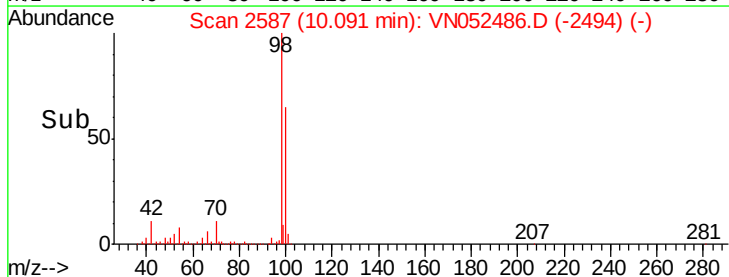
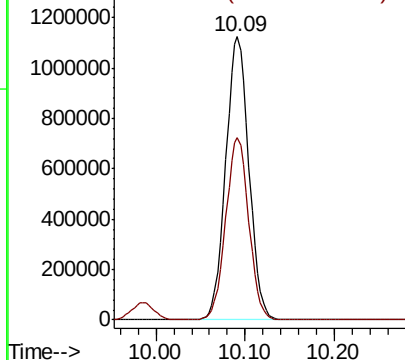


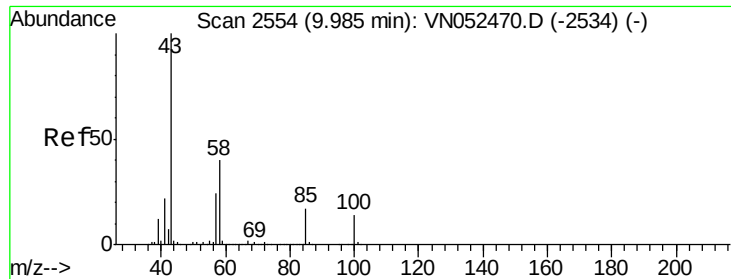
#50
Toluene-d8
Concen: 379.164 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 98 Resp: 2015093
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 96.163 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

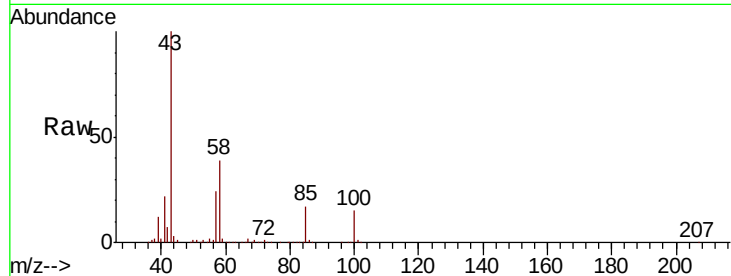
VN1127WBSD01

Tot Ion: 43 Resp: 870821

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2534) (-)

9.99

500000

400000

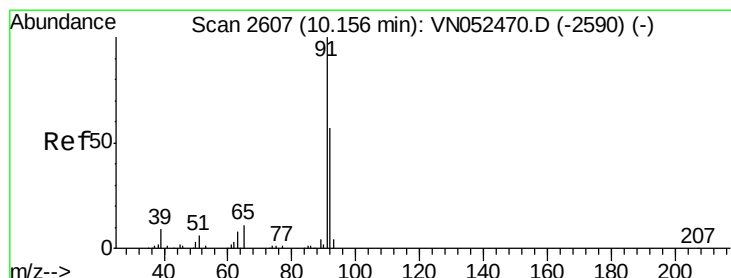
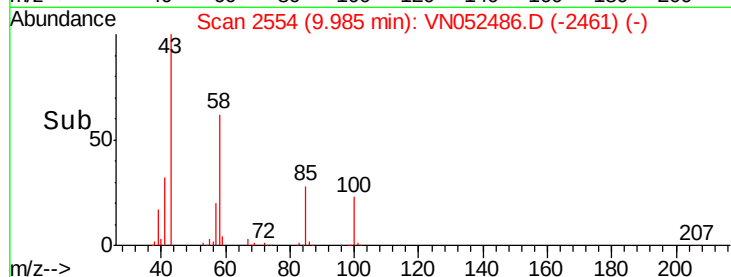
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.446 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052486.D

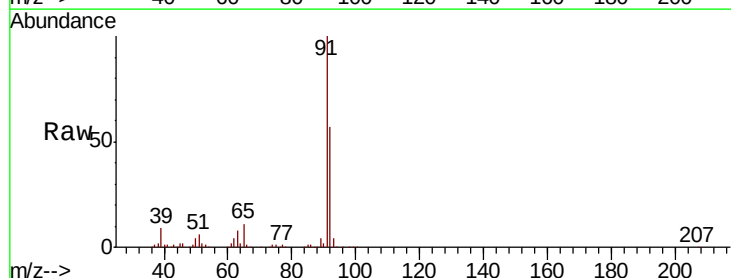
Acq: 27 Nov 2018 18:33

Tgt Ion: 92 Resp: 565745

Ion Ratio Lower Upper

92 100

91 173.8 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)

10.16

600000

500000

400000

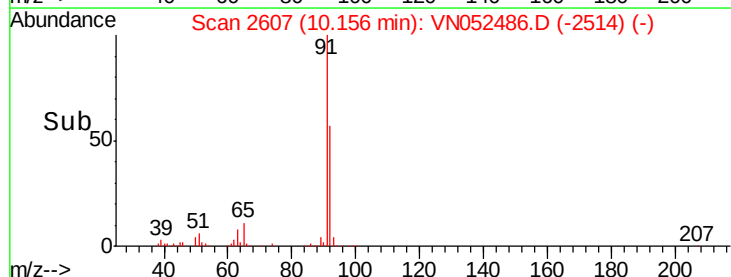
300000

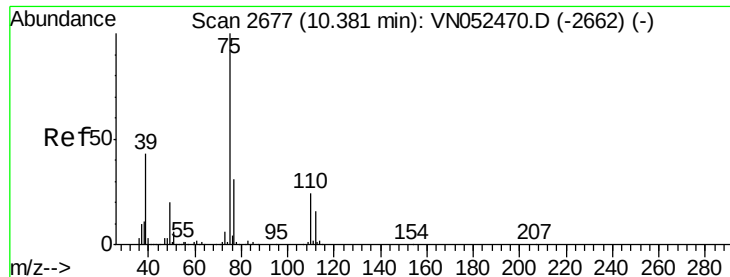
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.425 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampled :

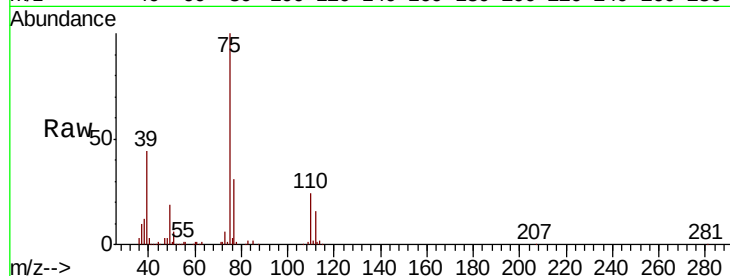
VN1127WBSD01

Tot Ion: 75 Resp: 278488

Ion Ratio Lower Upper

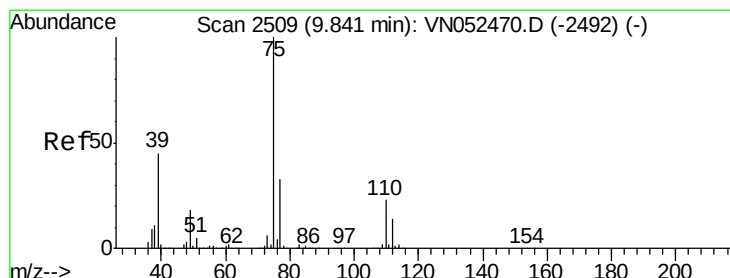
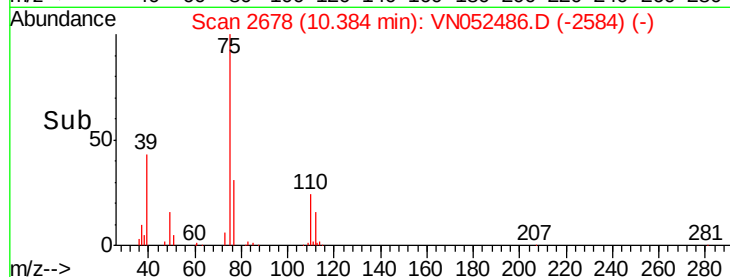
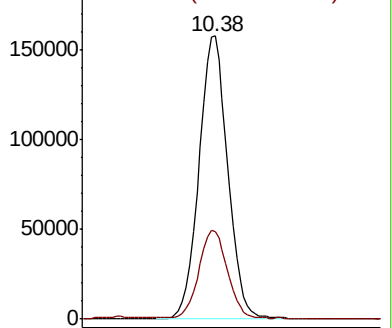
75 100

77 30.8 25.0 37.4



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: 19.915 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

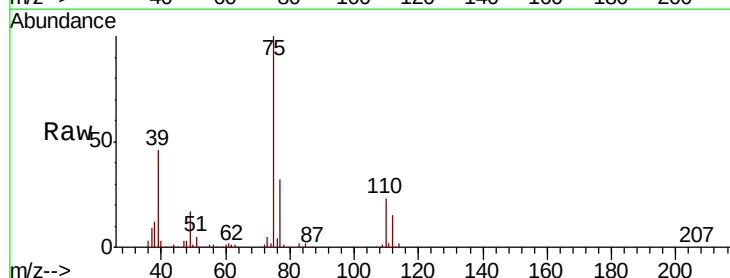
Tgt Ion: 75 Resp: 342155

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

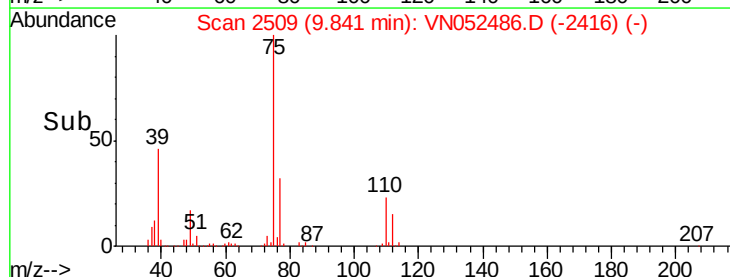
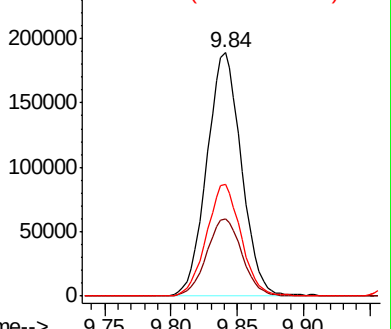
39 45.6 36.0 54.0

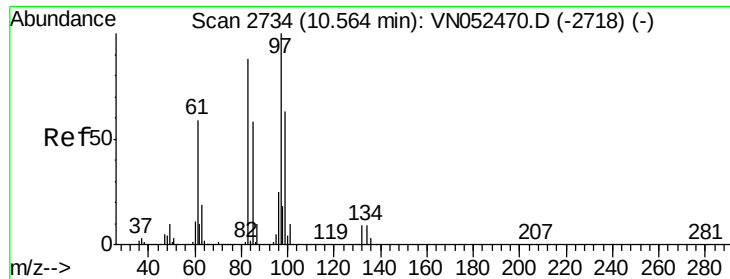


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.939 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 97 Resp: 194076

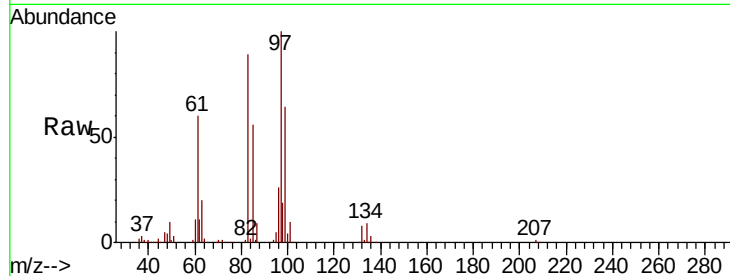
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.7	106.1
85	56.5	46.1	69.1
99	63.7	50.8	76.2

97 100

83 89.3 70.7 106.1

85 56.5 46.1 69.1

99 63.7 50.8 76.2

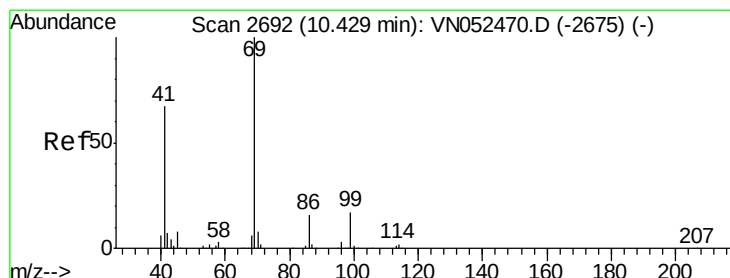
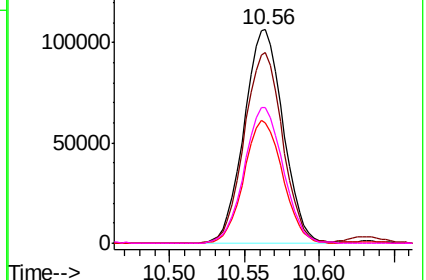
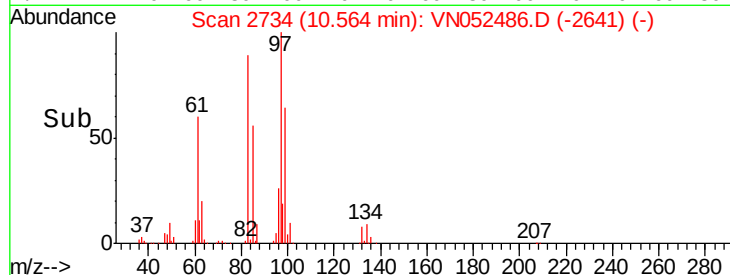


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.364 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

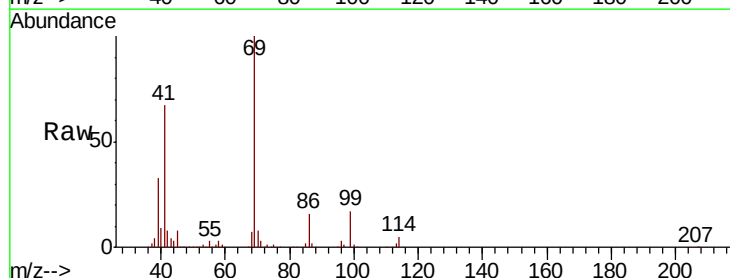
Tgt Ion: 69 Resp: 238147

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.6	79.0
39	32.6	25.9	38.9

69 100

41 65.8 52.6 79.0

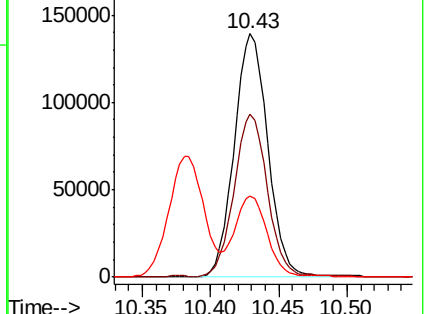
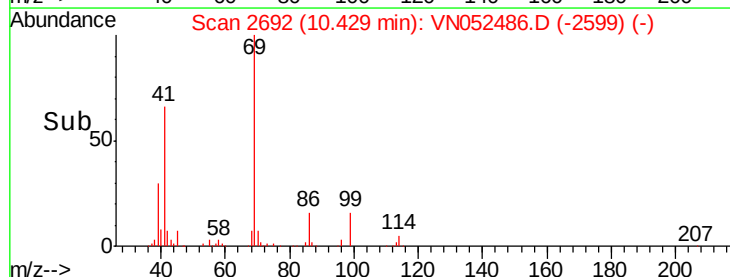
39 32.6 25.9 38.9

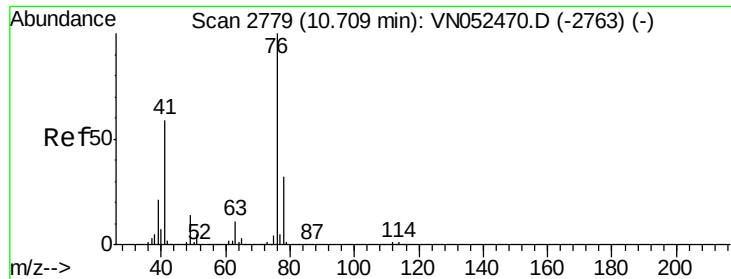


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.841 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

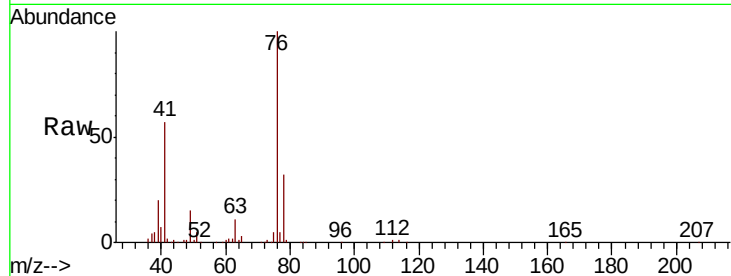
VN1127WBSD01

Tot Ion: 76 Resp: 340987

Ion Ratio Lower Upper

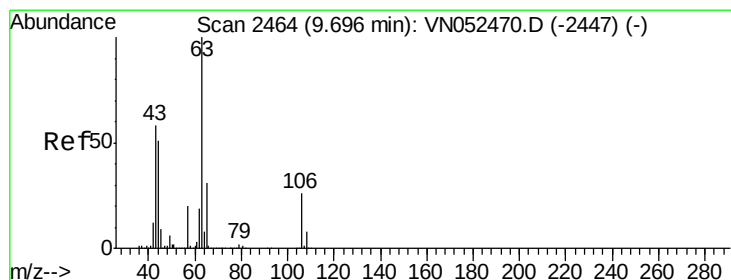
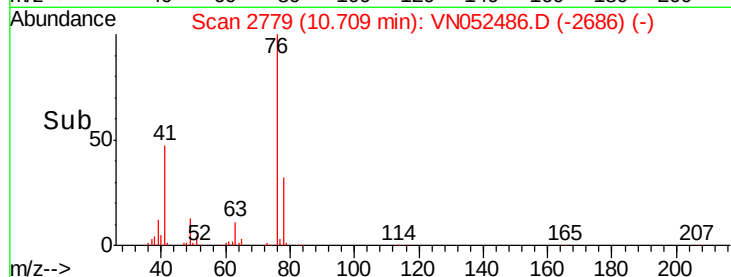
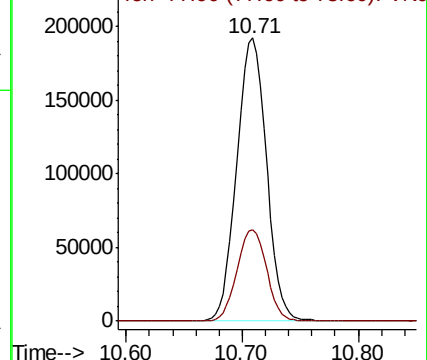
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 95.258 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052486.D

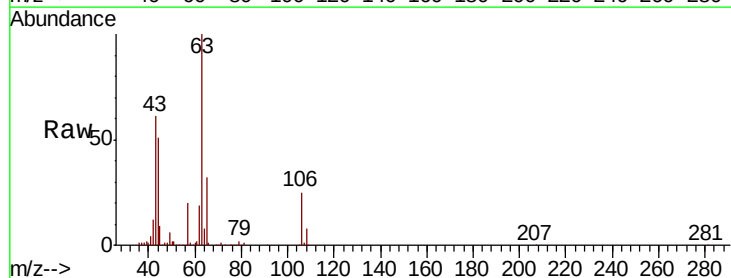
Acq: 27 Nov 2018 18:33

Tgt Ion: 63 Resp: 672782

Ion Ratio Lower Upper

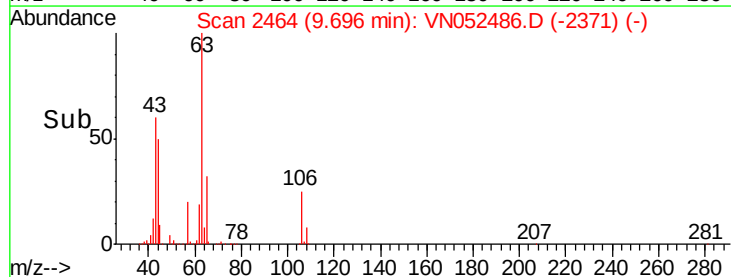
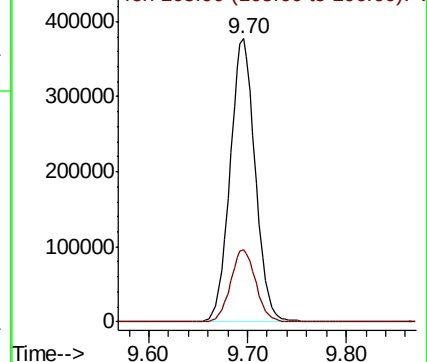
63 100

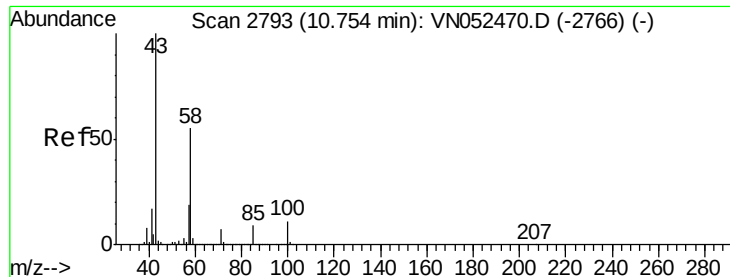
106 25.6 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

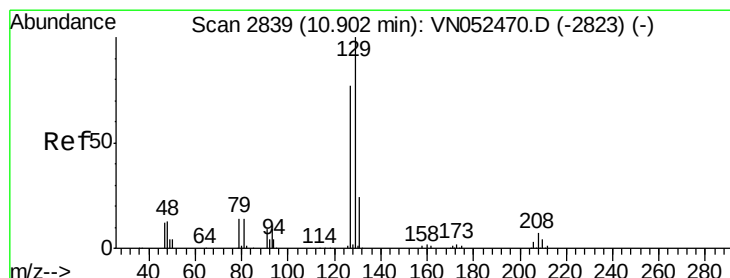
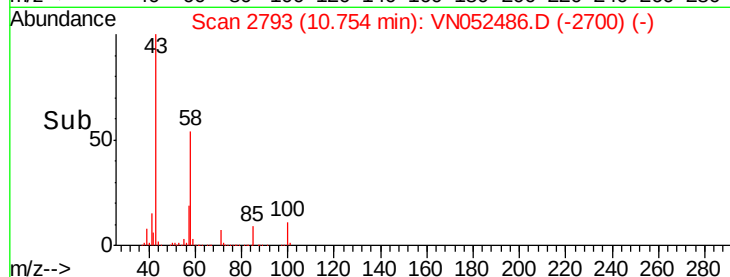
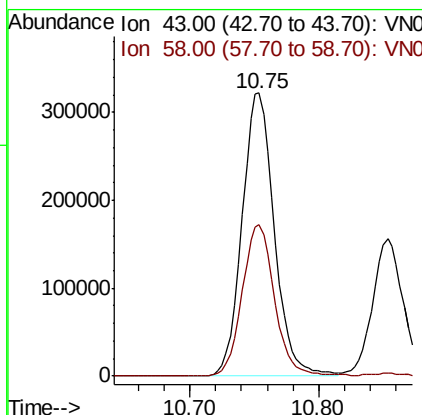
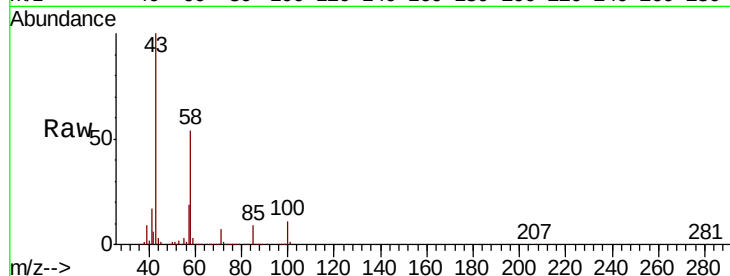




#59
2-Hexanone
Concen: 91.851 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

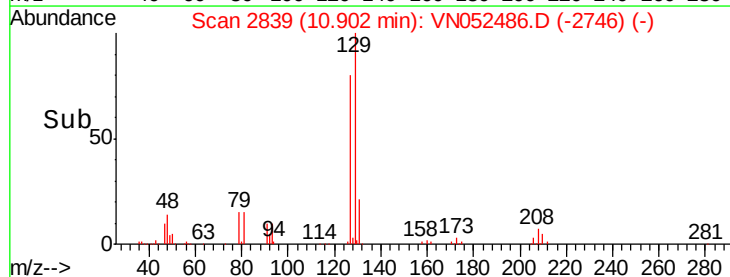
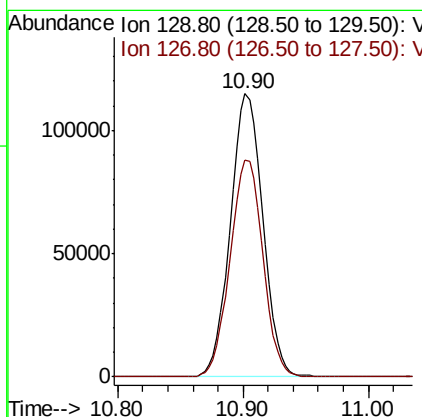
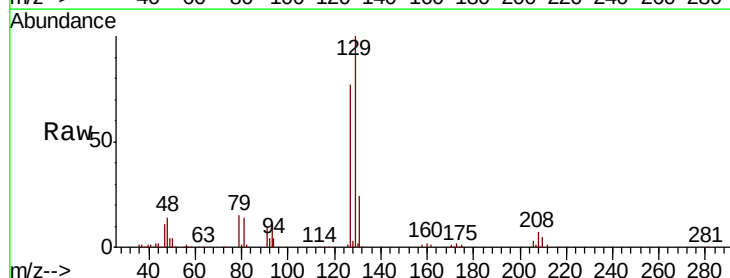
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

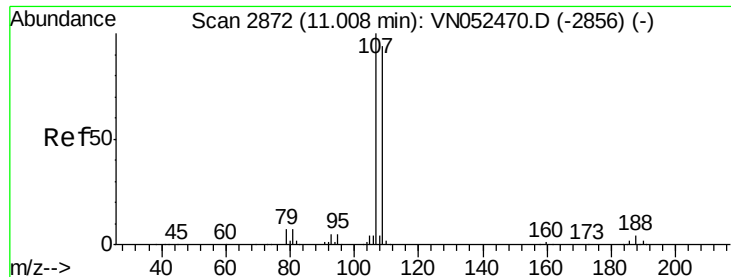
Tot Ion: 43 Resp: 558246
Ion Ratio Lower Upper
43 100
58 54.0 27.4 82.0



#60
Dibromochloromethane
Concen: 19.583 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 129 Resp: 207021
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

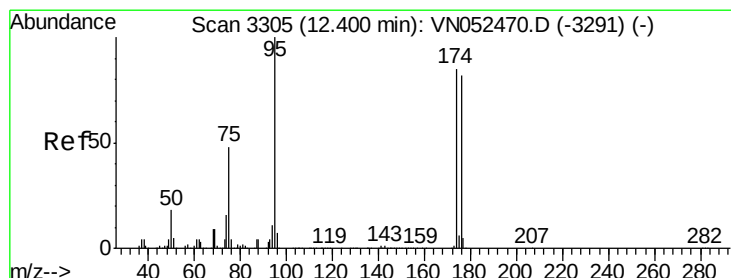
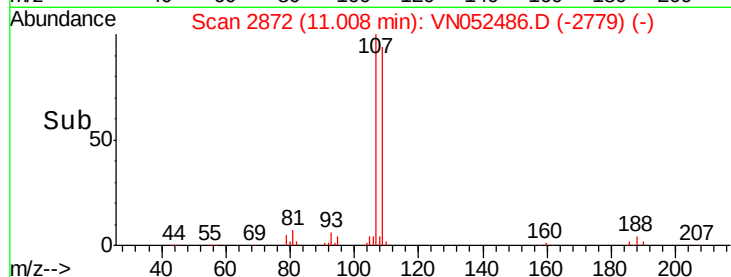
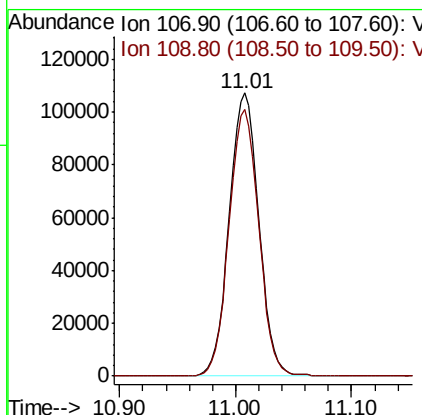
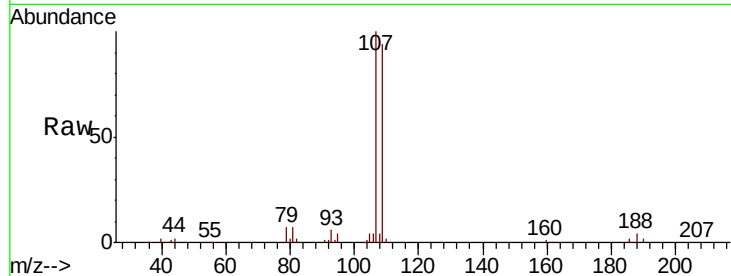




#61
 1,2-Dibromoethane
 Concen: 19.621 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

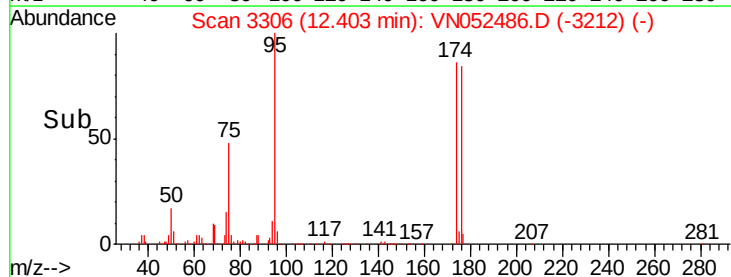
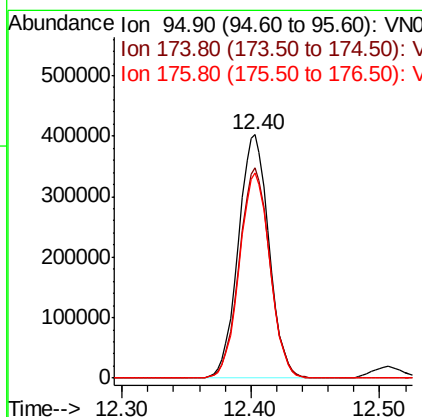
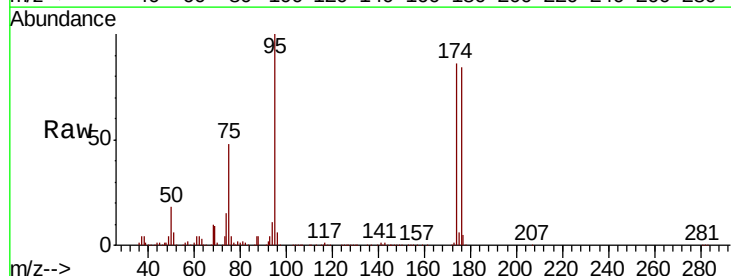
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

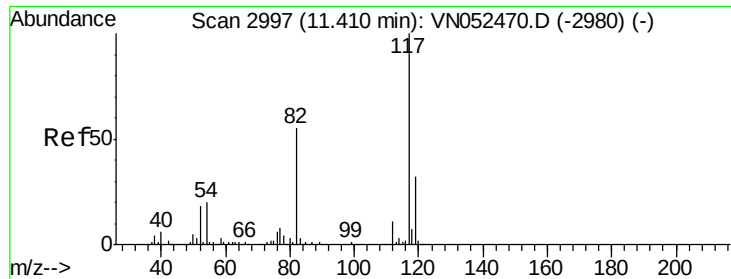
Tot Ion: 107 Resp: 189680
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 19.621 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 95 Resp: 662899
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 173.0
 176 84.1 0.0 166.2

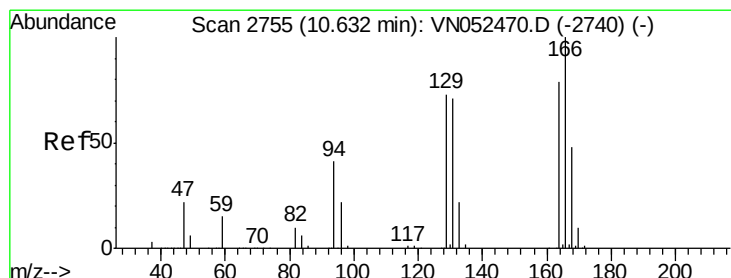
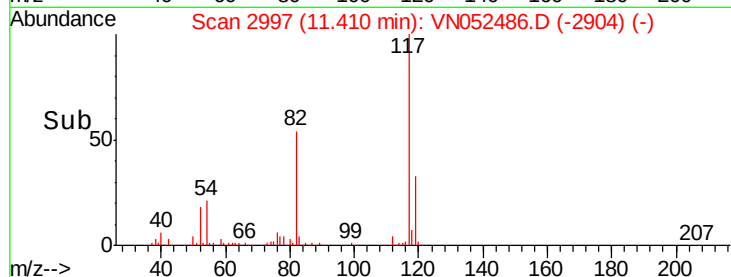
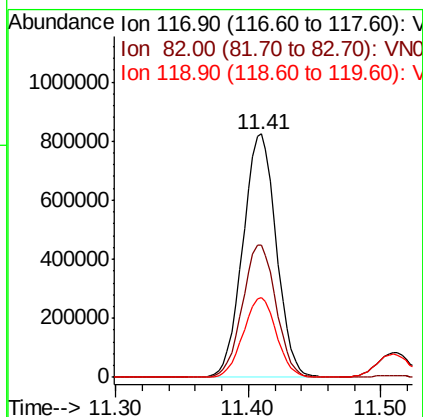
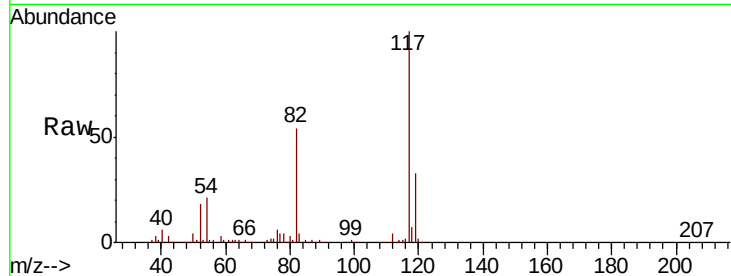




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

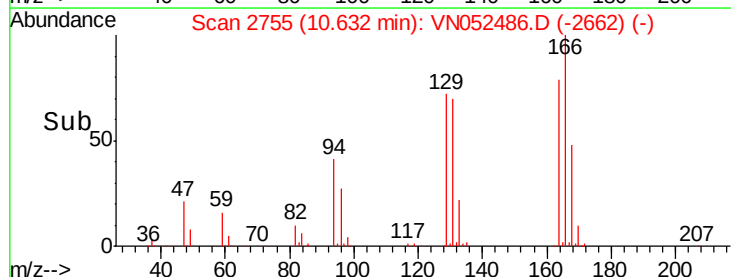
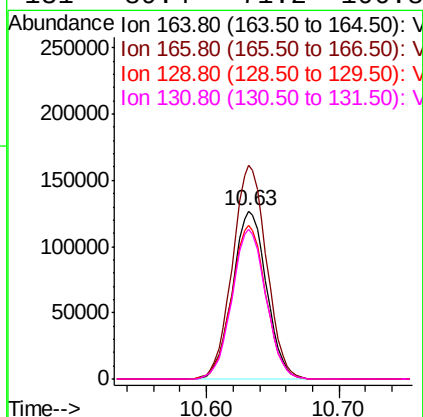
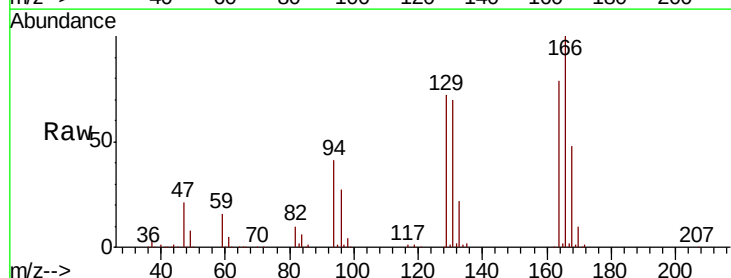
Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

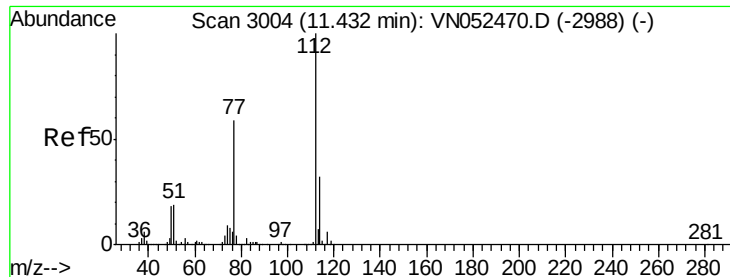
Tot Ion:117 Resp: 1439878
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 20.167 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion:164 Resp: 225142
Ion Ratio Lower Upper
164 100
166 126.9 101.0 151.4
129 91.4 73.8 110.6
131 89.4 71.2 106.8





#65

Chlorobenzene

Concen: 20.253 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

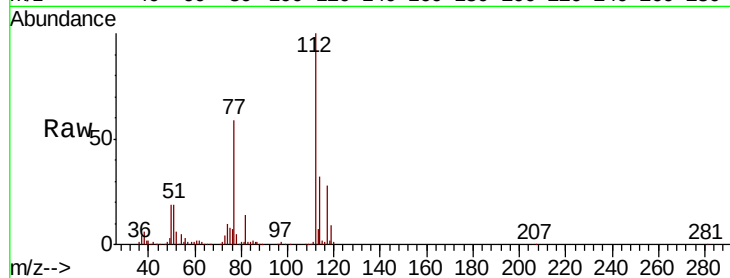
VN1127WBSD01

Tot Ion:112 Resp: 601314

Ion Ratio Lower Upper

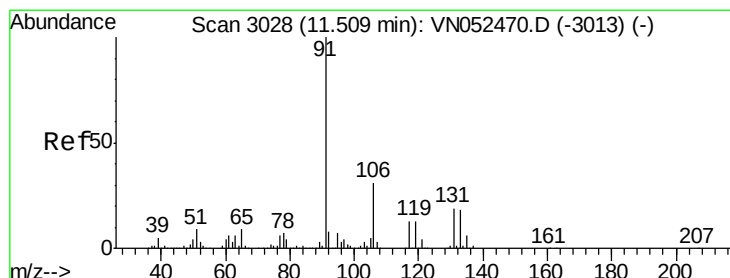
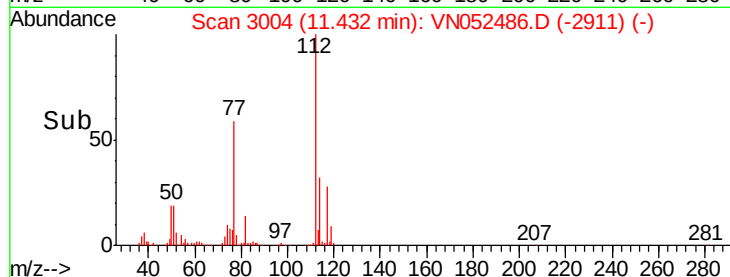
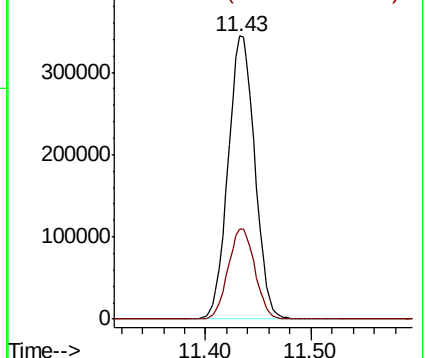
112 100

114 31.8 25.8 38.6



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: 19.983 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

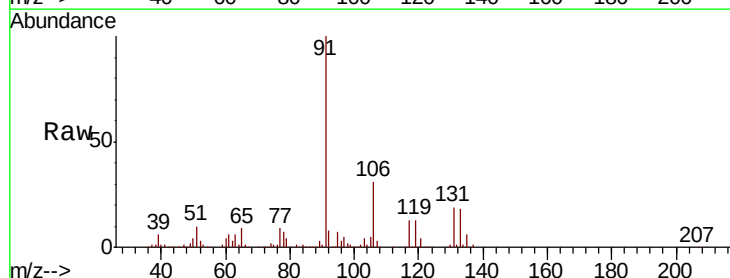
Tgt Ion:131 Resp: 206295

Ion Ratio Lower Upper

131 100

133 95.7 47.6 142.8

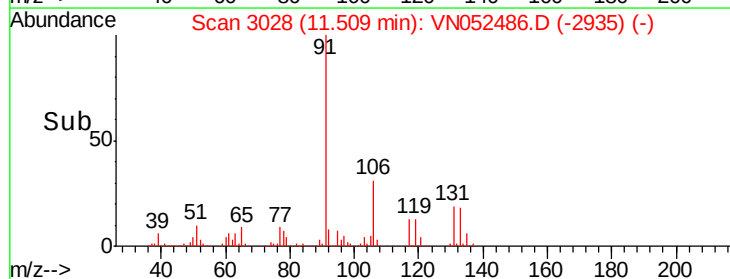
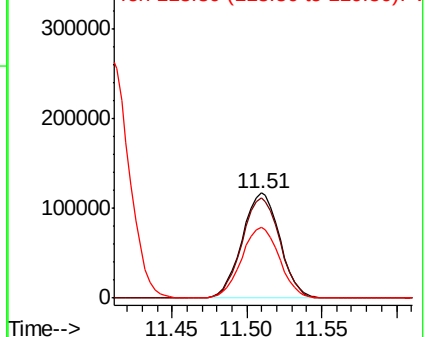
119 67.5 33.2 99.6

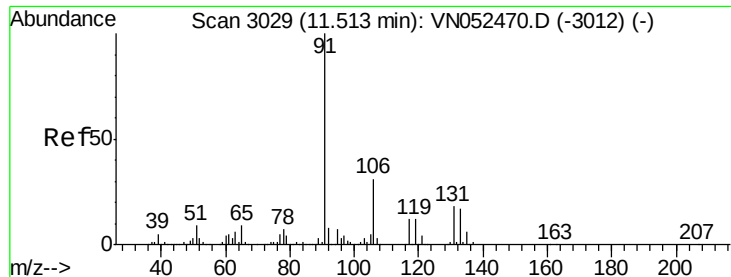


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

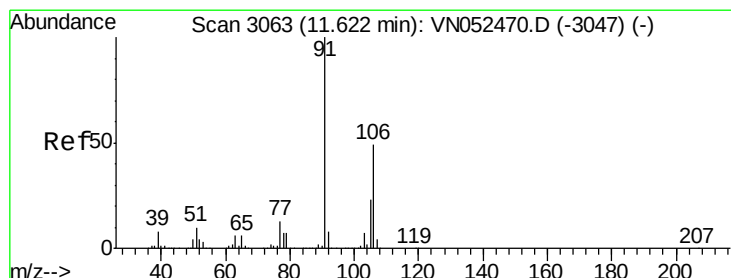
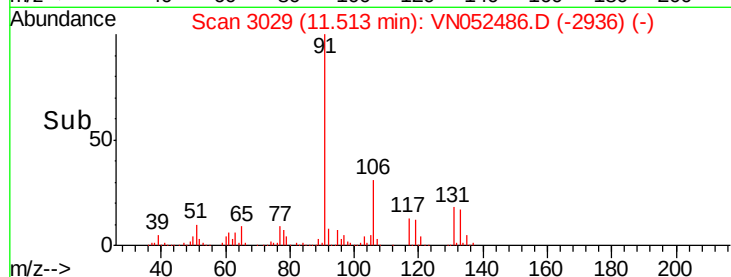
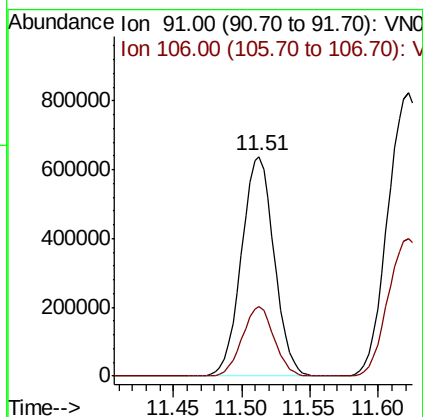
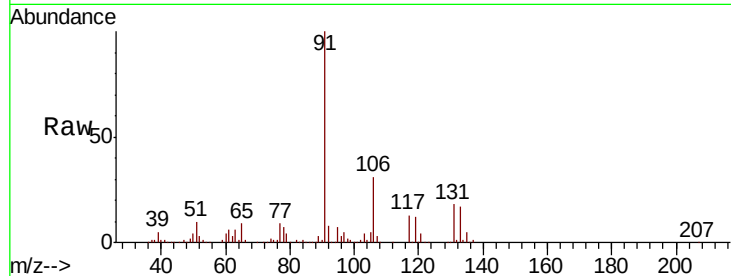




#67
Ethyl Benzene
Concen: 20.394 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

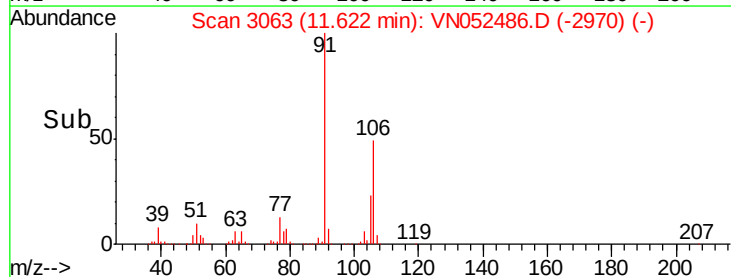
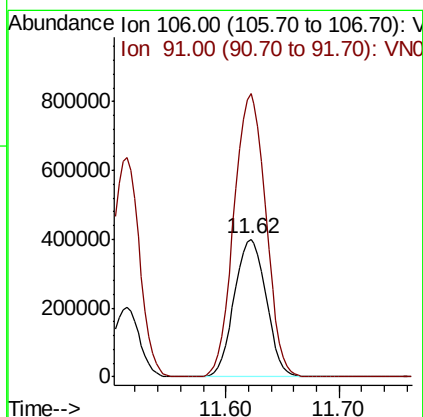
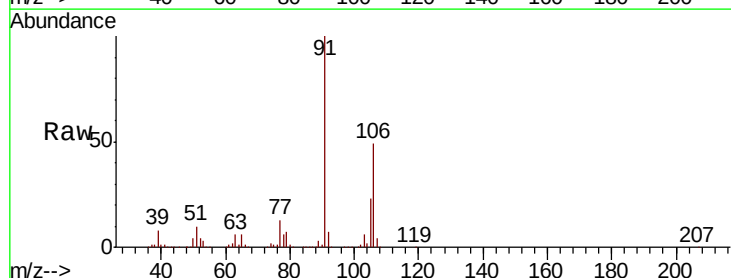
Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

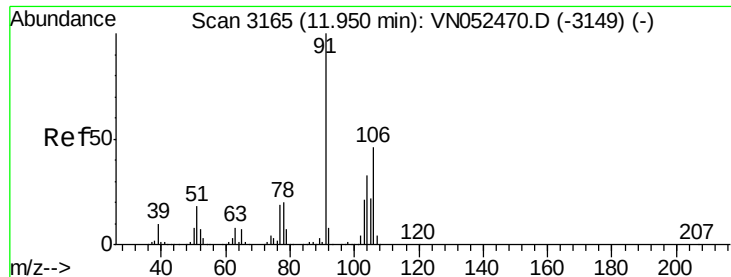
Tot Ion: 91 Resp: 1060364
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 40.807 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 106 Resp: 789844
Ion Ratio Lower Upper
106 100
91 205.2 163.2 244.8

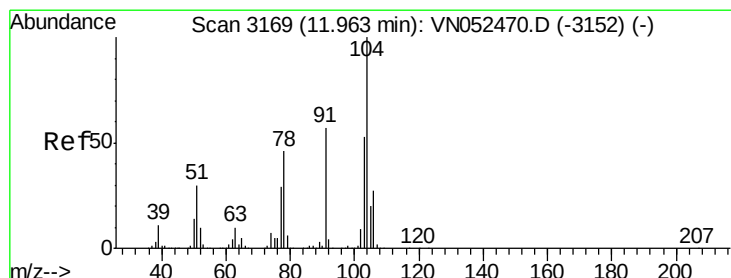
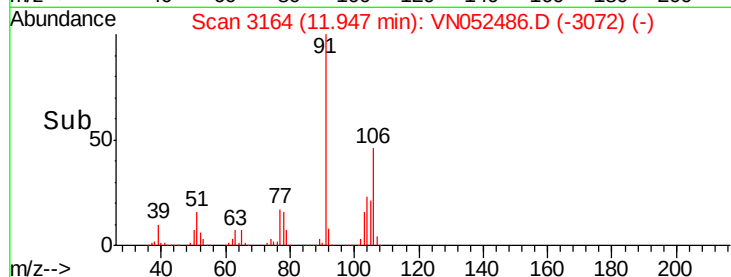
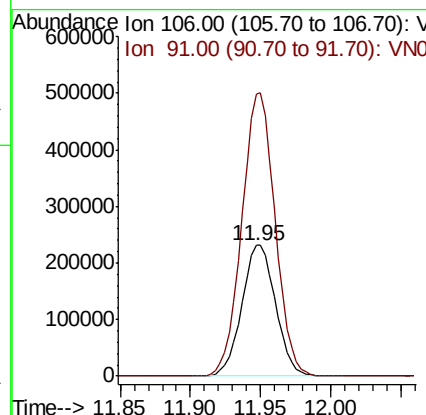
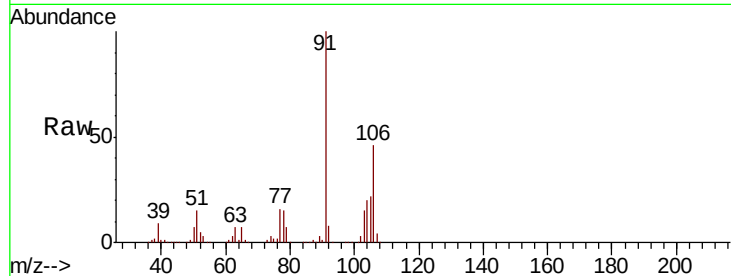




#69
o-Xylene
Concen: 20.562 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

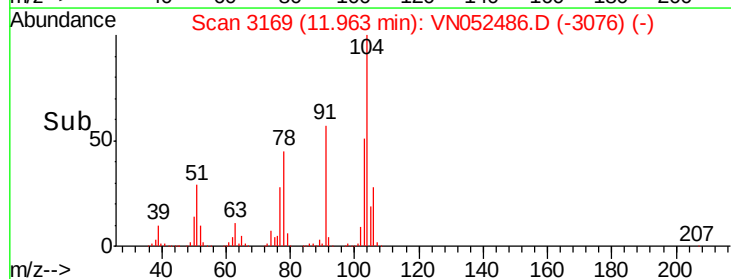
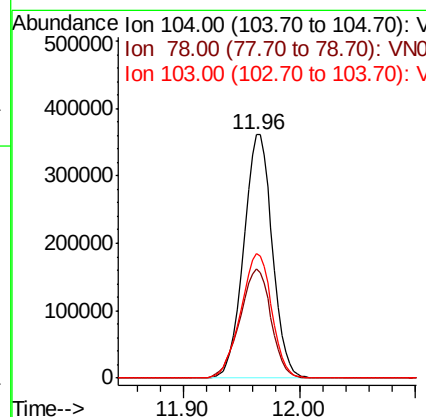
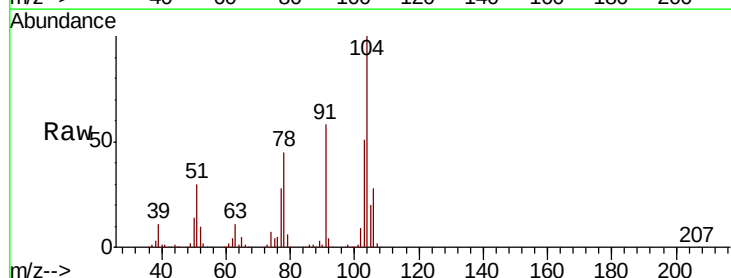
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

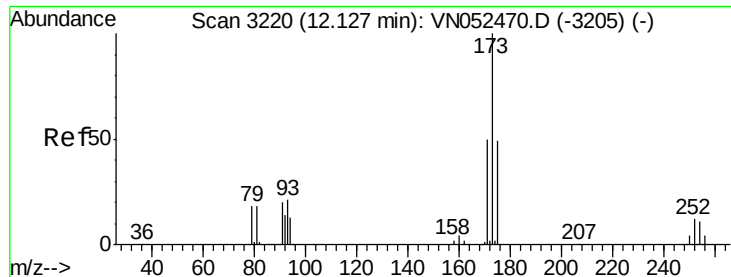
Tot Ion:106 Resp: 386483
Ion Ratio Lower Upper
106 100
91 214.2 107.7 323.1



#70
Styrene
Concen: 20.613 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion:104 Resp: 617092
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 55.4 44.9 67.3

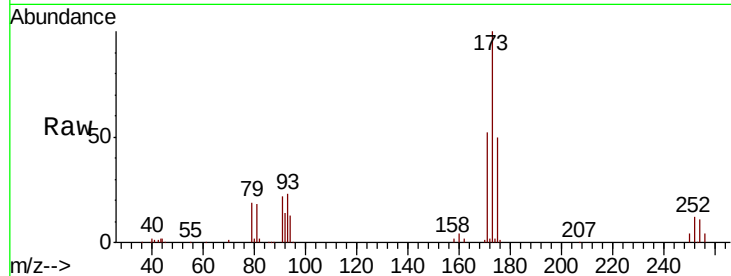




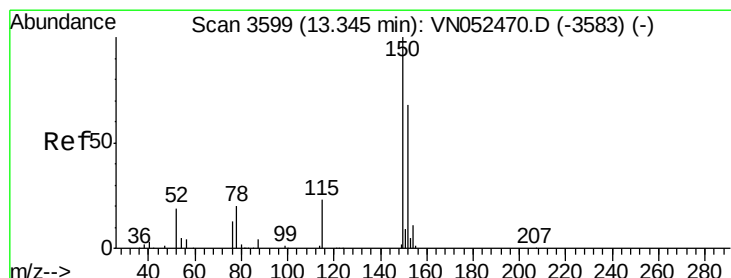
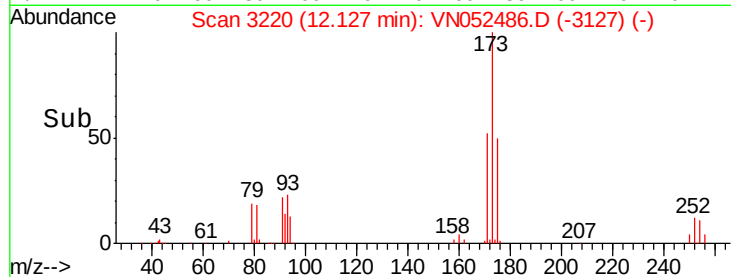
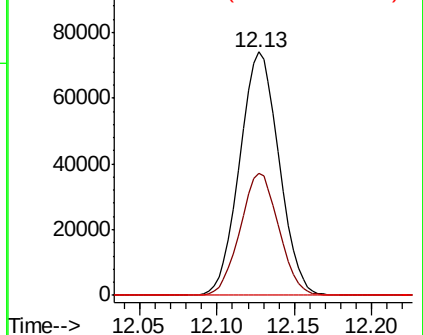
#71
Bromoform
Concen: 19.197 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.2
254	0.0	0.1	0.1#

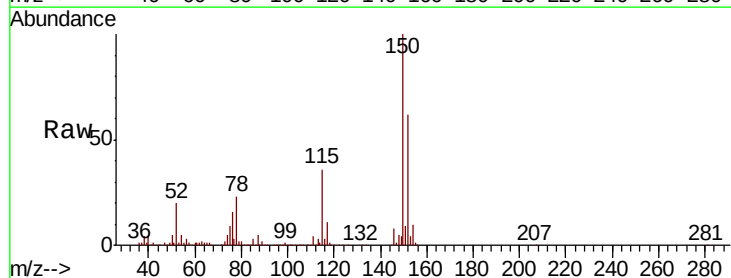


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

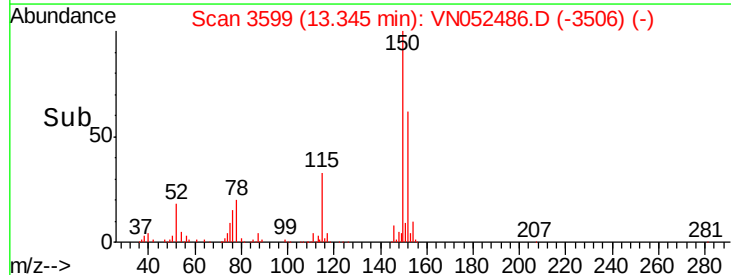
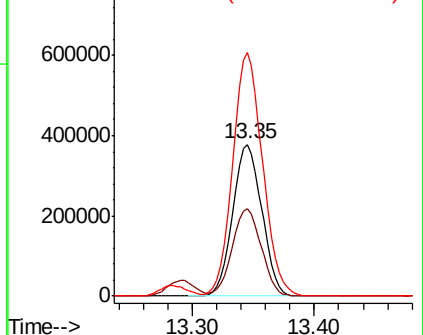


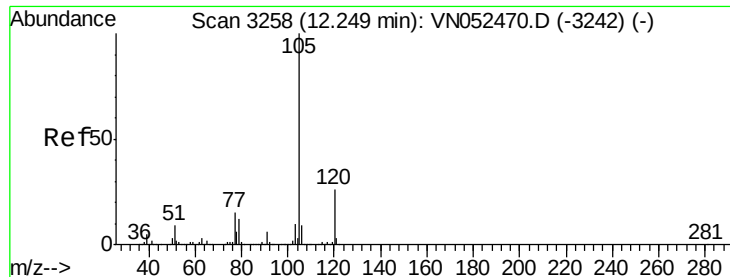
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.4	85.2
150	164.6	0.0	346.0



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





#73

Isopropylbenzene

Concen: 21.007 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

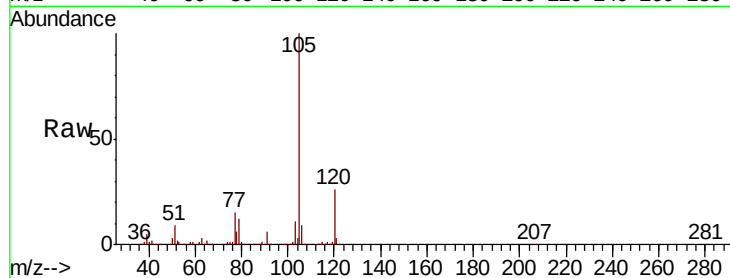
VN1127WBSD01

Tot Ion:105 Resp: 1032214

Ion Ratio Lower Upper

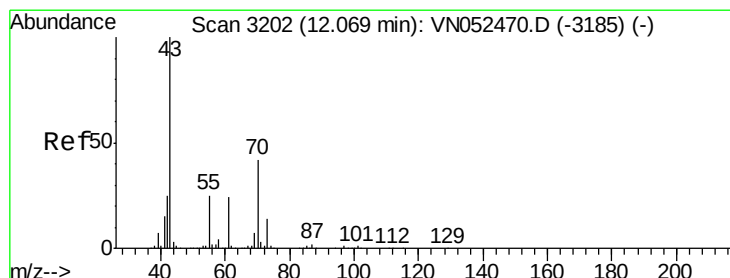
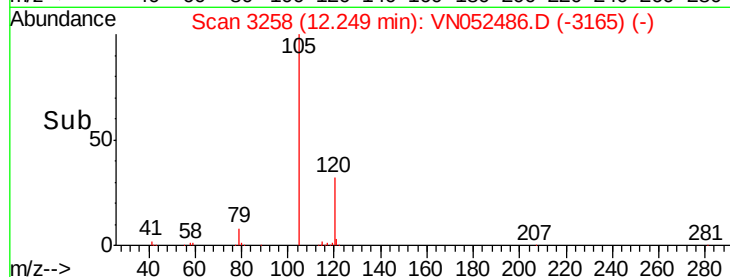
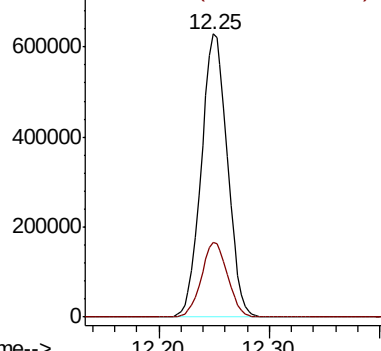
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.331 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Tgt Ion: 43 Resp: 239973

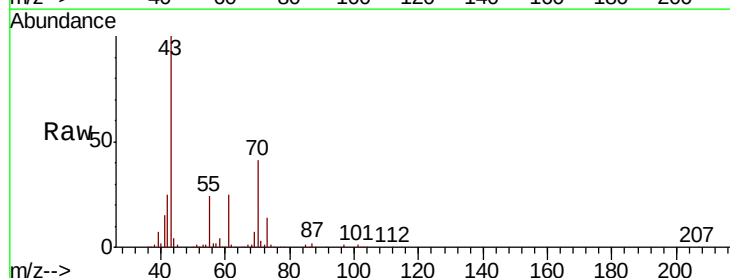
Ion Ratio Lower Upper

43 100

70 41.4 33.8 50.8

55 24.6 20.0 30.0

61 24.4 19.7 29.5

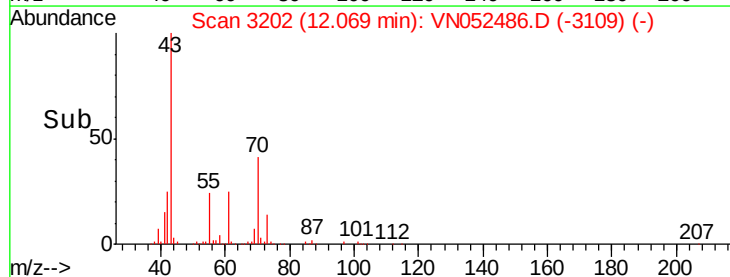
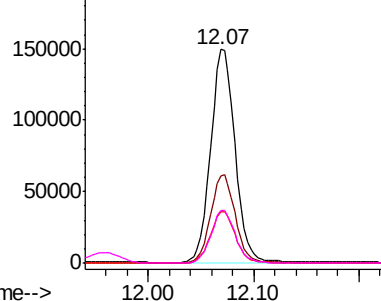


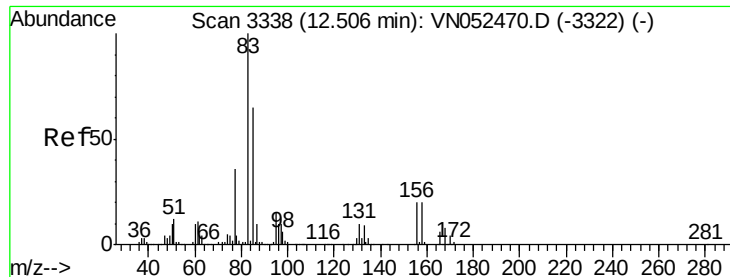
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.207 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampled :

VN1127WBSD01

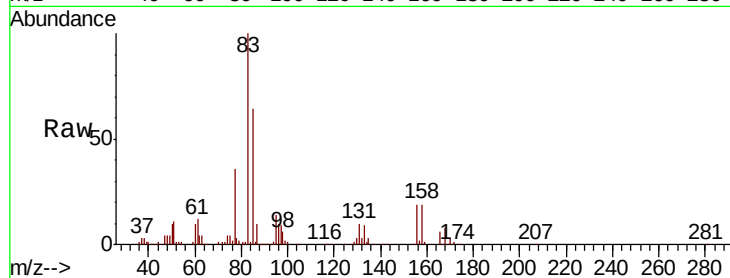
Tot Ion: 83 Resp: 225859

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

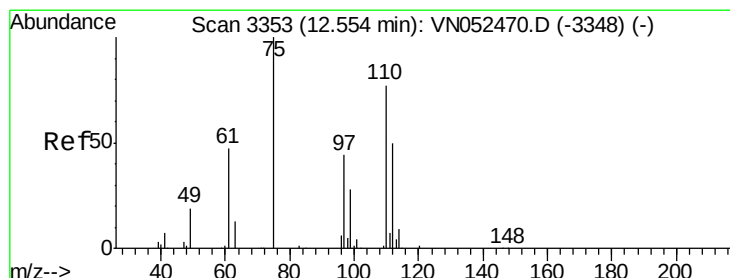
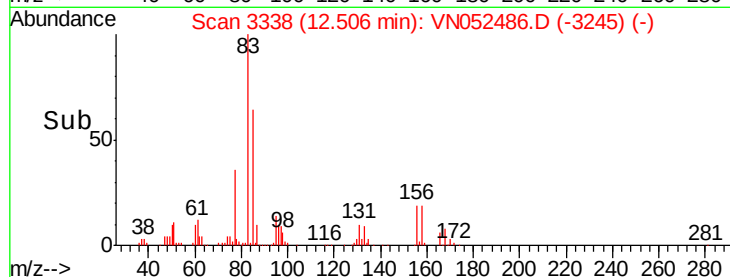
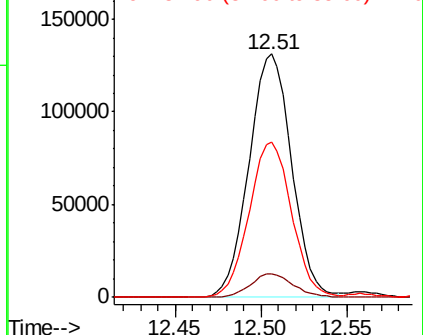
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.908 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052486.D

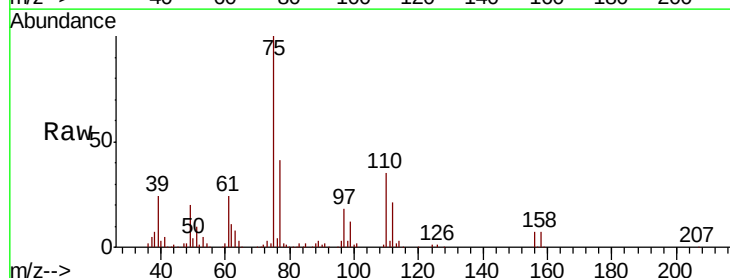
Acq: 27 Nov 2018 18:33

Tgt Ion: 75 Resp: 269526

Ion Ratio Lower Upper

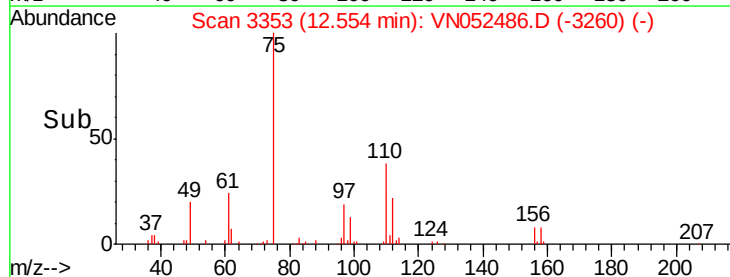
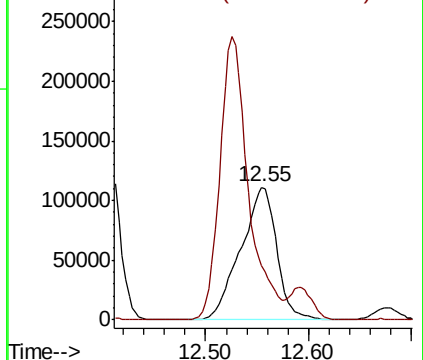
75 100

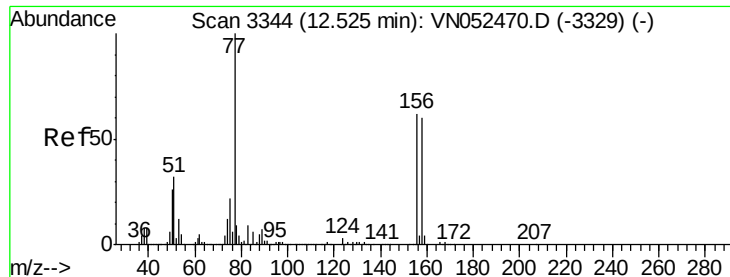
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.655 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

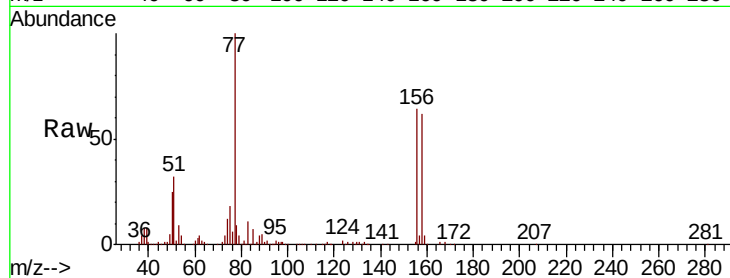
Tot Ion:156 Resp: 250856

Ion Ratio Lower Upper

156 100

77 183.1 93.5 280.4

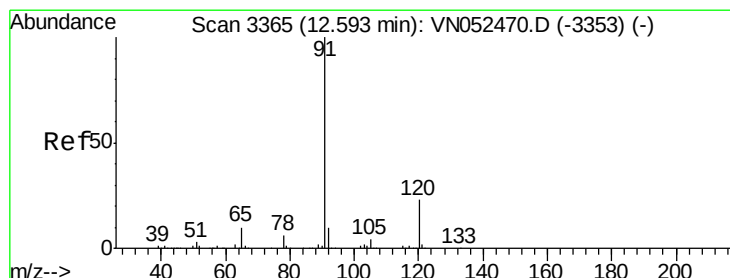
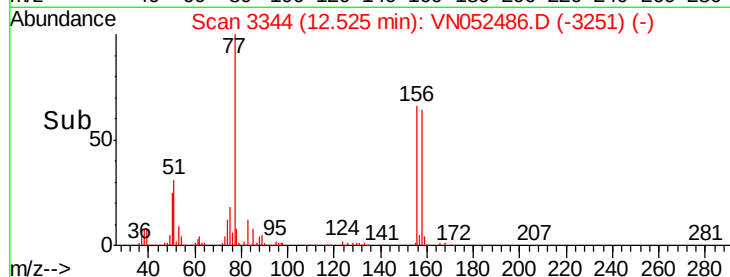
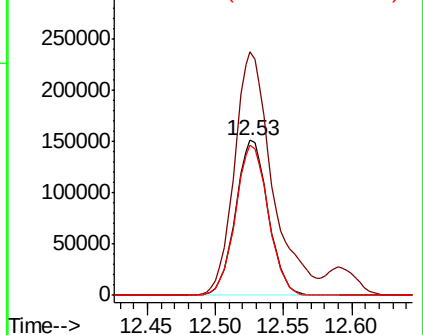
158 97.0 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.693 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052486.D

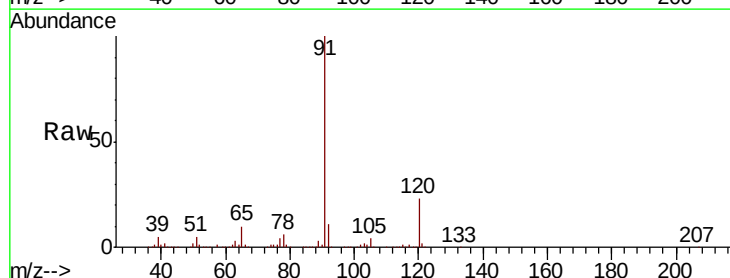
Acq: 27 Nov 2018 18:33

Tgt Ion: 91 Resp: 1155108

Ion Ratio Lower Upper

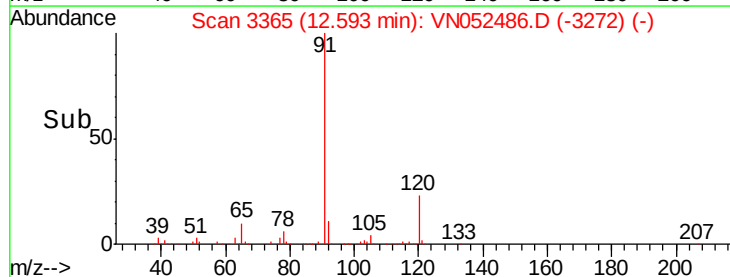
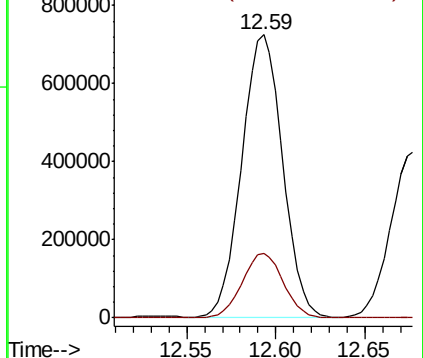
91 100

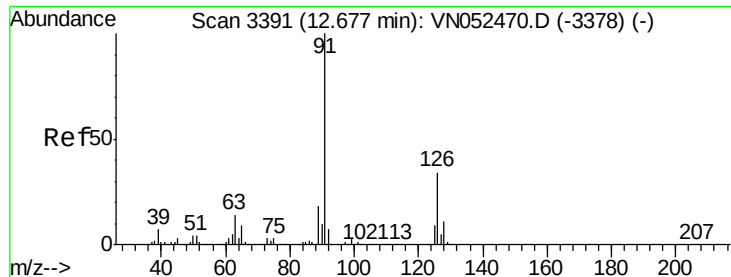
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.829 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

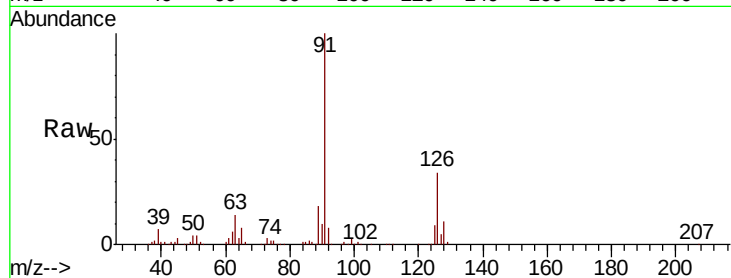
VN1127WBSD01

Tot Ion: 91 Resp: 692379

Ion Ratio Lower Upper

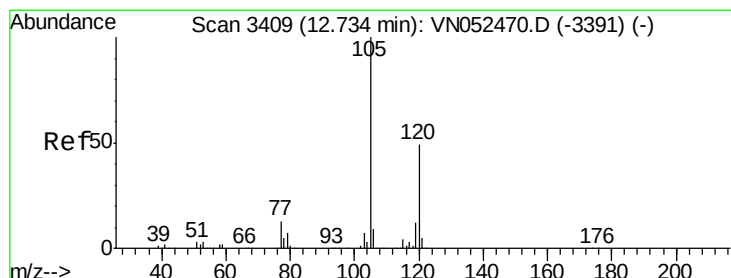
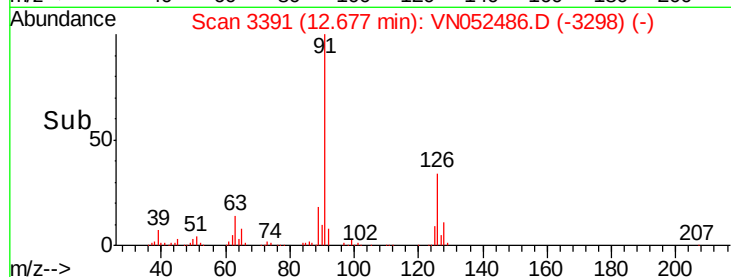
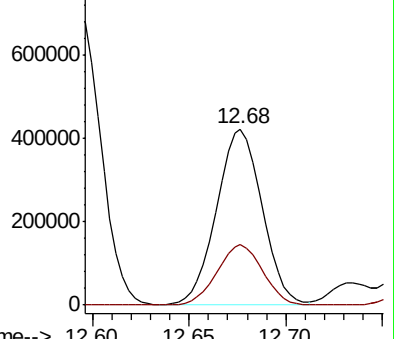
91 100

126 34.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052470.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.126 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052486.D

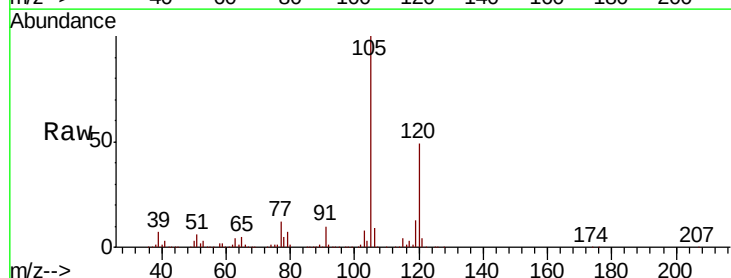
Acq: 27 Nov 2018 18:33

Tgt Ion: 105 Resp: 827893

Ion Ratio Lower Upper

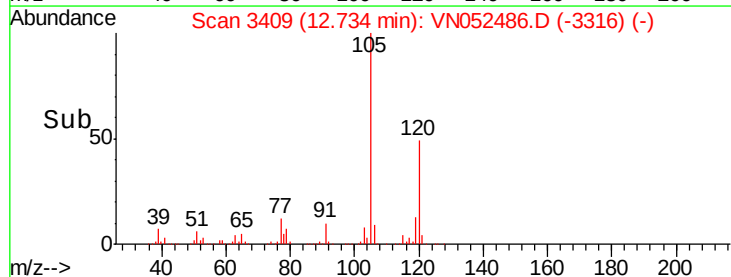
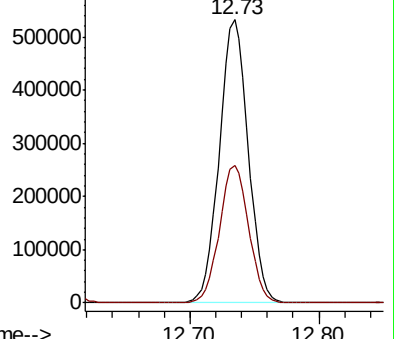
105 100

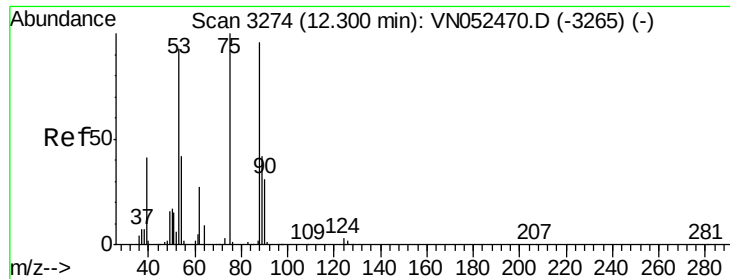
120 49.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)

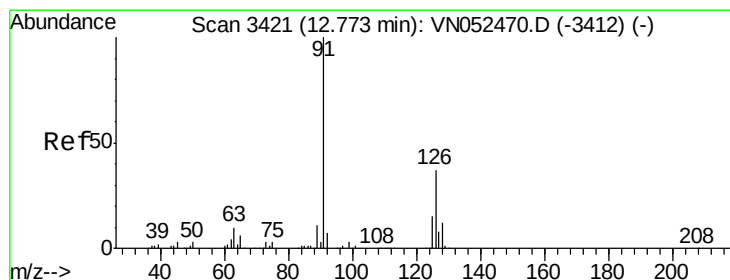
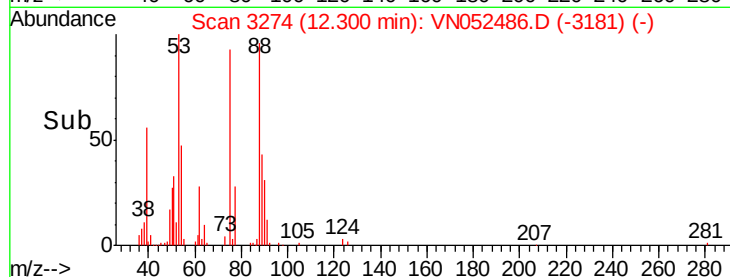
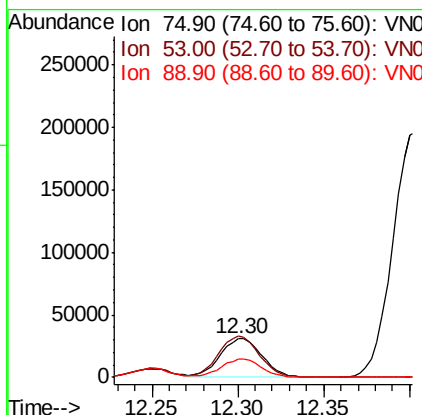
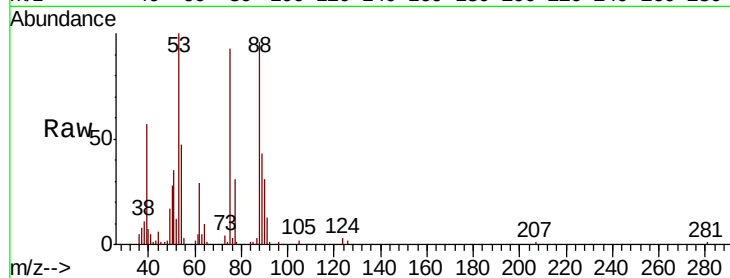




#81
trans-1,4-Dichloro-2-butene
Concen: 18.291 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

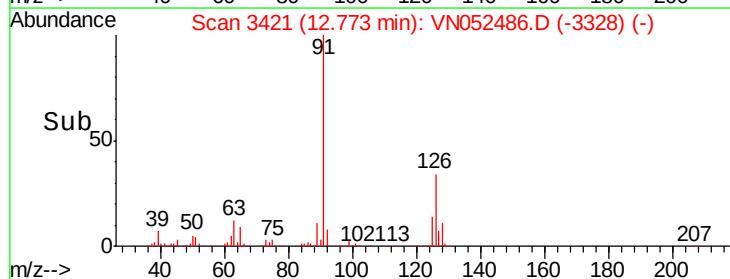
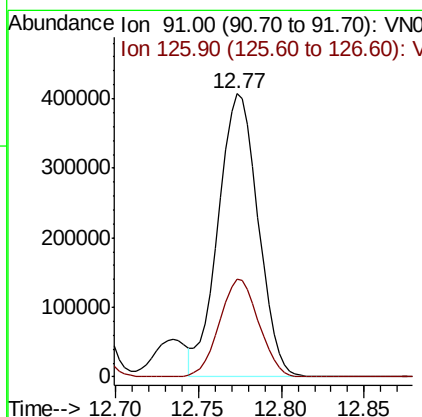
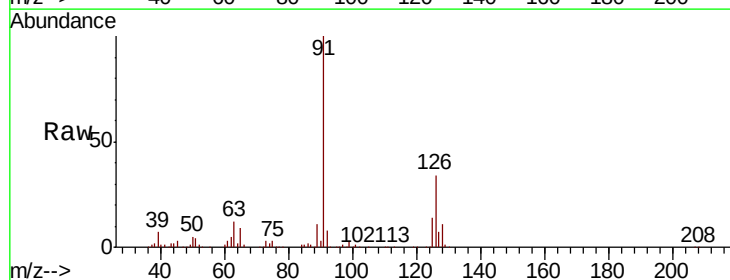
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

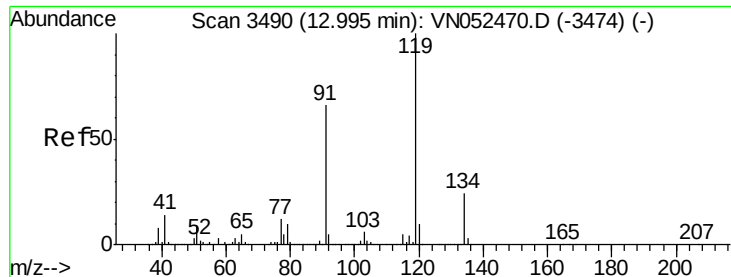
Tot Ion: 75 Resp: 52895
Ion Ratio Lower Upper
75 100
53 103.9 77.4 116.0
89 44.8 35.4 53.2



#82
4-Chlorotoluene
Concen: 20.320 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 91 Resp: 680770
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6

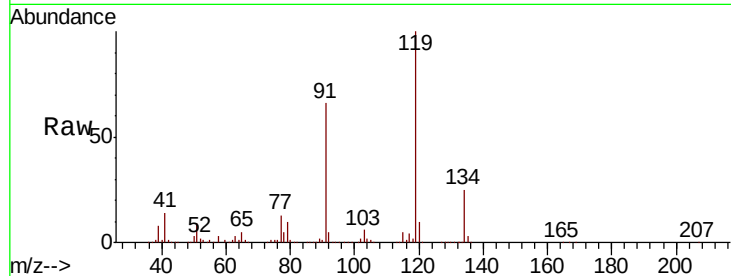




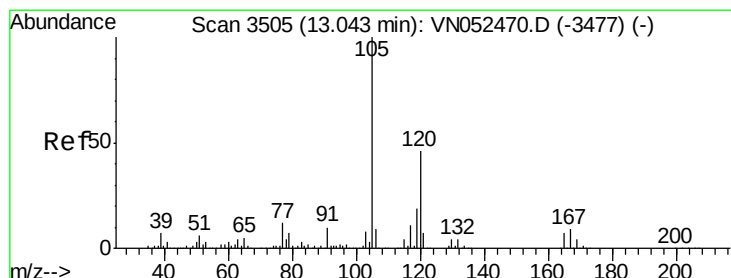
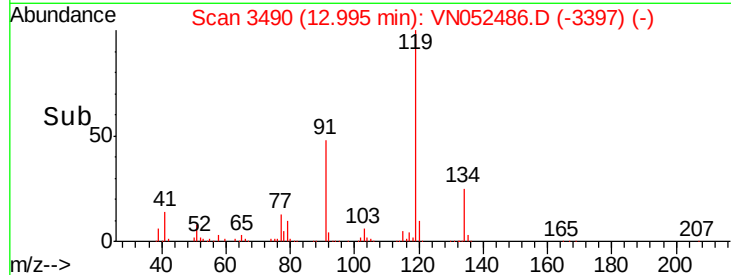
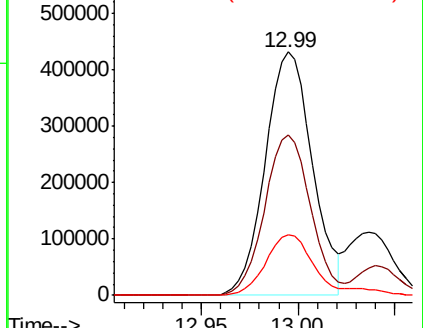
#83
 tert-Butylbenzene
 Concen: 21.007 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion:119 Resp: 733900
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.3 96.9
 134 26.6 13.0 38.9

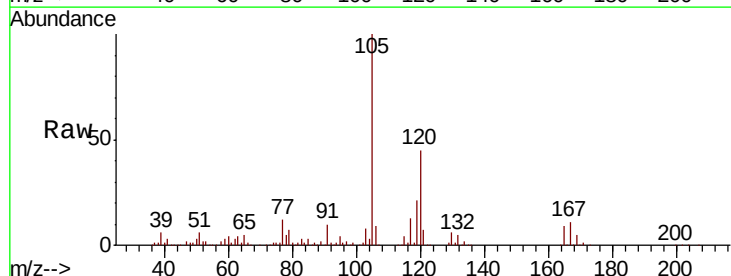


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

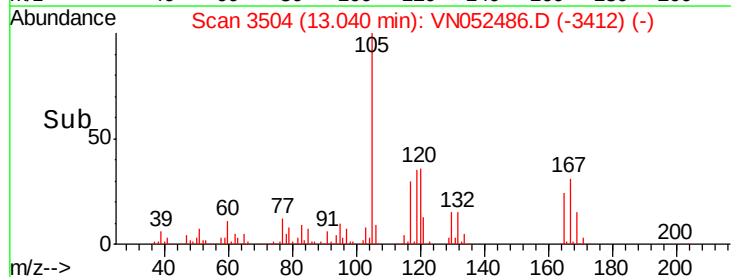
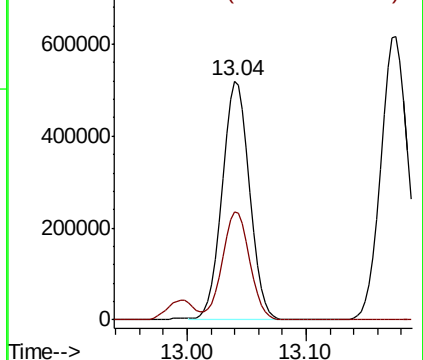


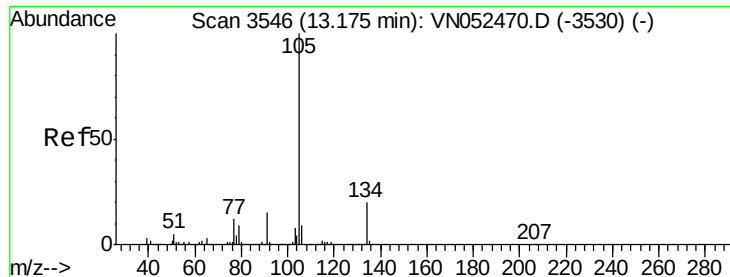
#84
 1,2,4-Trimethylbenzene
 Concen: 21.005 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion:105 Resp: 824926
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.4



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





#85

sec-Butylbenzene

Concen: 20.666 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

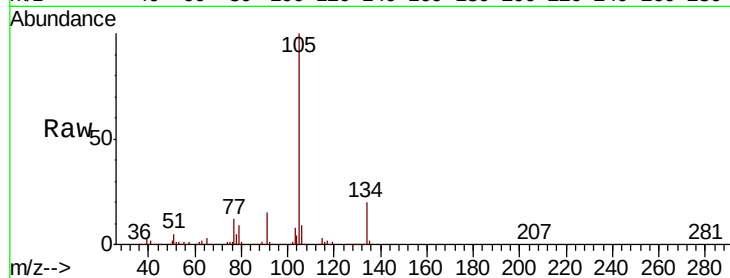
VN1127WBSD01

Tot Ion:105 Resp: 983366

Ion Ratio Lower Upper

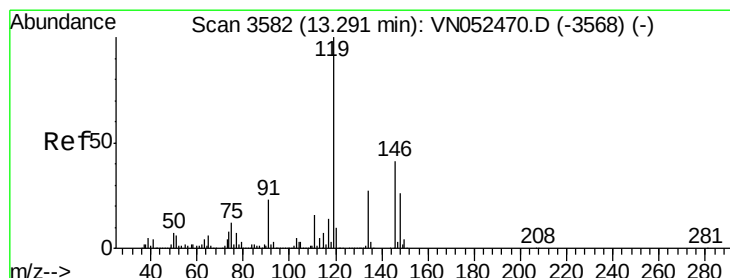
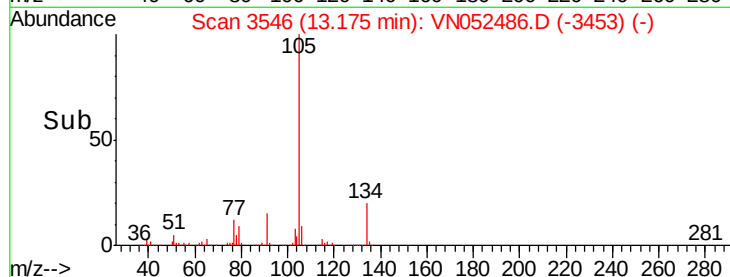
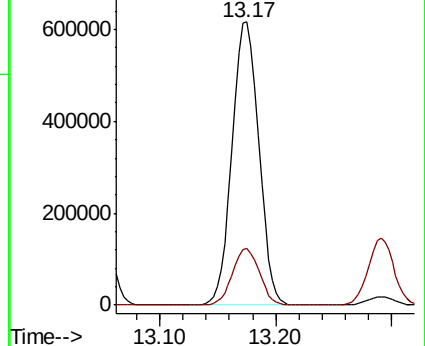
105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.555 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

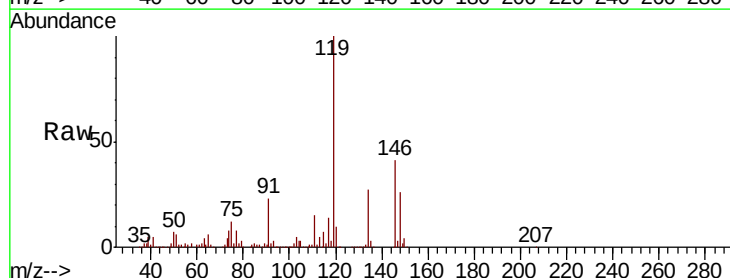
Tgt Ion:119 Resp: 833067

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

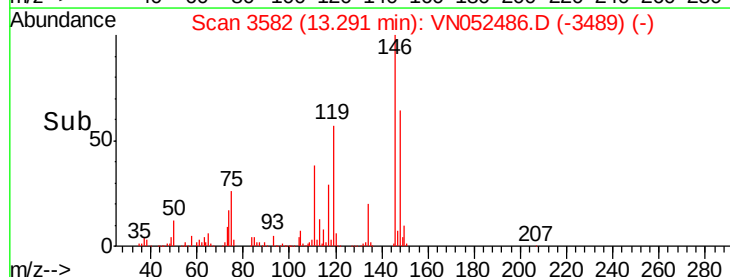
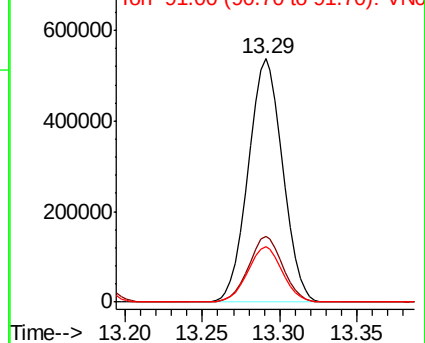
91 22.8 11.4 34.2

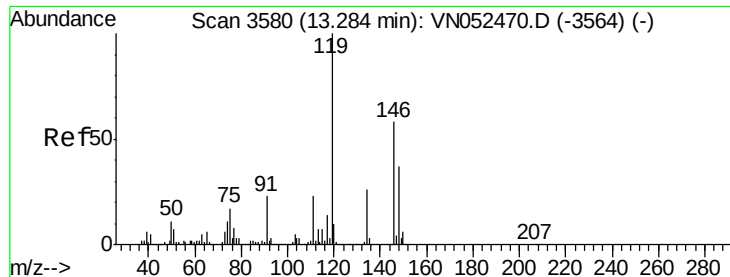


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

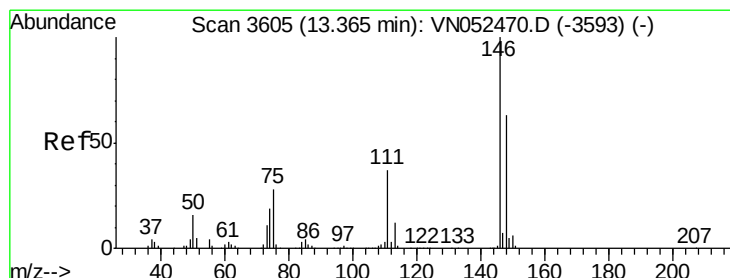
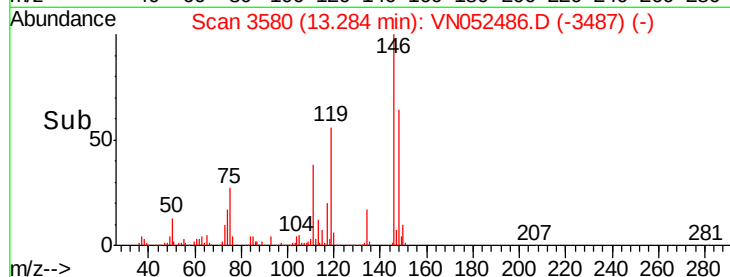
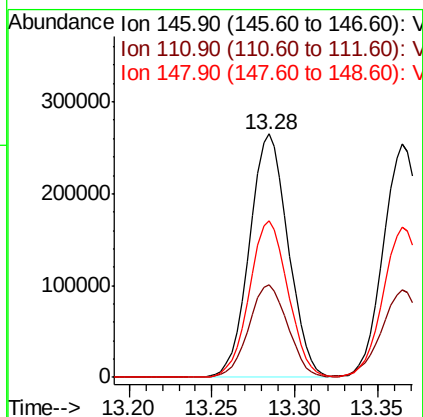
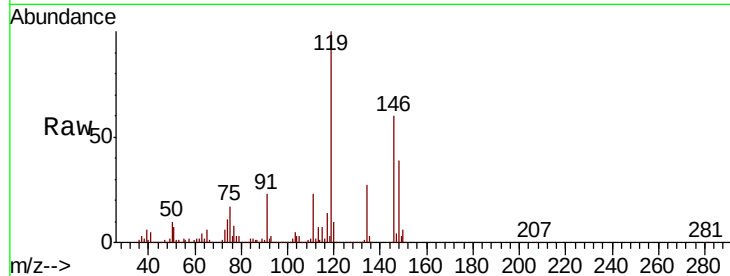




#87
 1,3-Dichlorobenzene
 Concen: 20.184 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

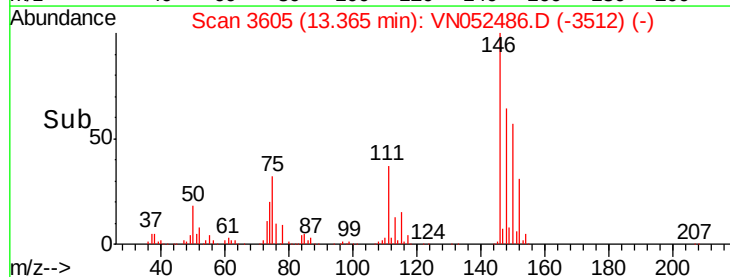
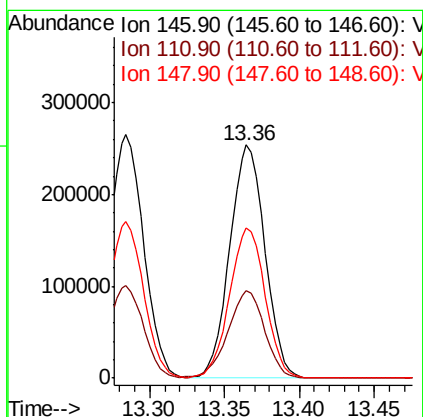
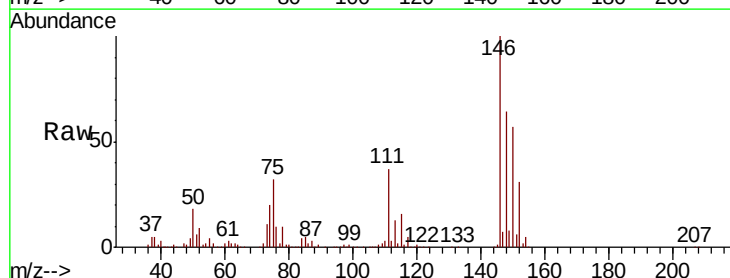
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

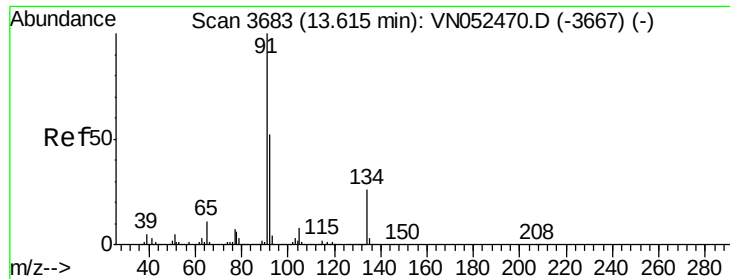
Tot Ion:146 Resp: 428784
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.4
 148 64.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.879 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion:146 Resp: 415977
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.6 56.0
 148 65.1 31.9 95.9

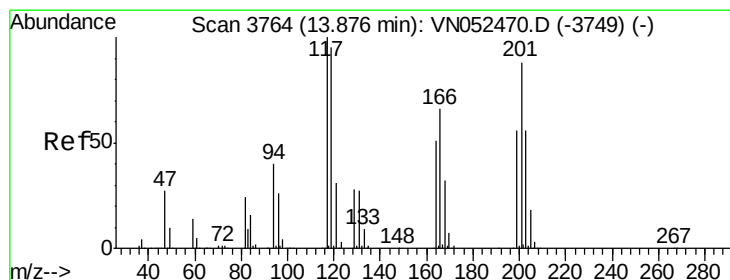
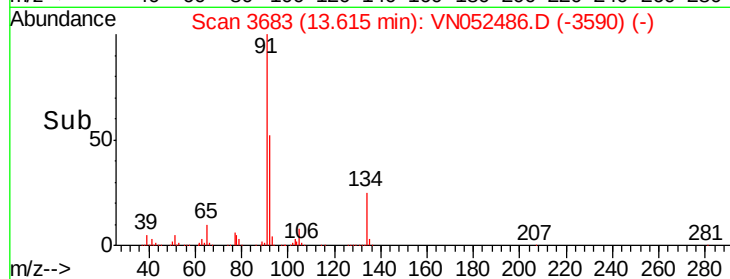
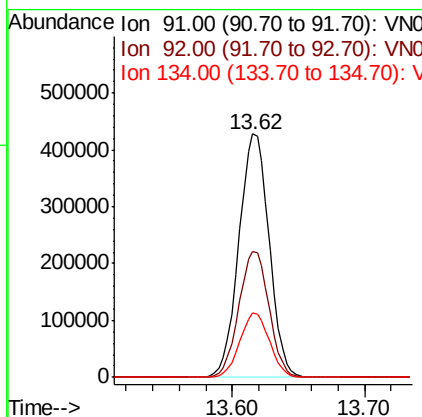
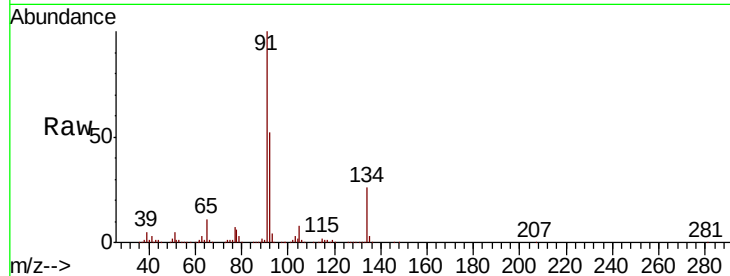




#89
n-Butylbenzene
Concen: 20.059 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

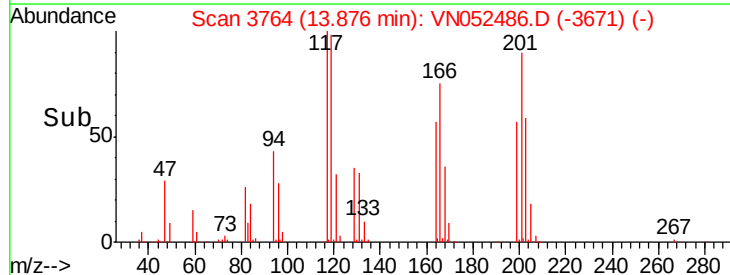
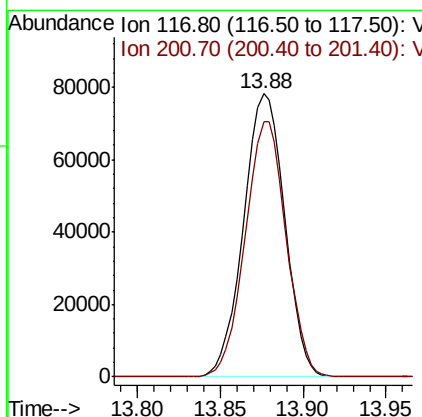
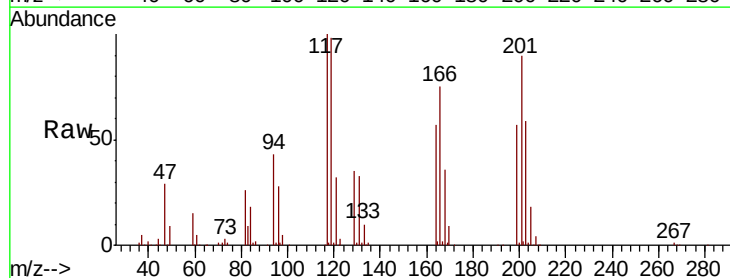
Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

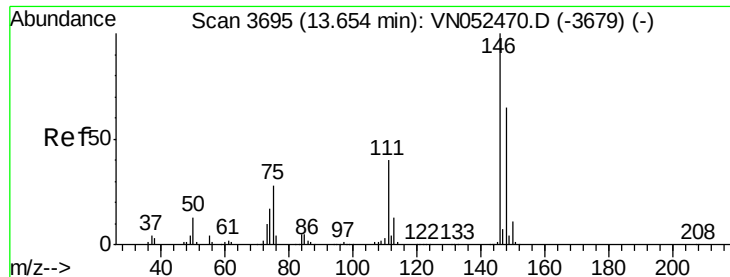
Tot Ion: 91 Resp: 676094
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.3
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 19.676 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052486.D
Acq: 27 Nov 2018 18:33

Tgt Ion: 117 Resp: 135021
Ion Ratio Lower Upper
117 100
201 89.5 43.6 130.9

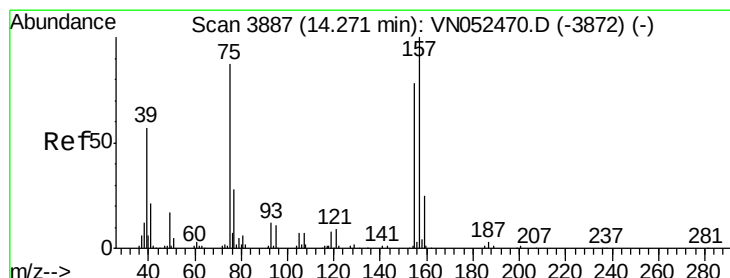
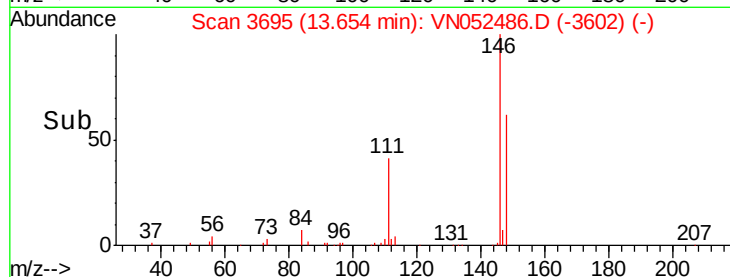
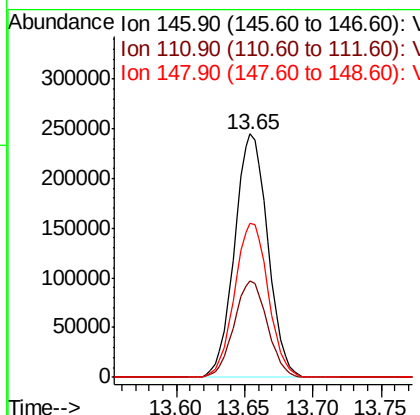
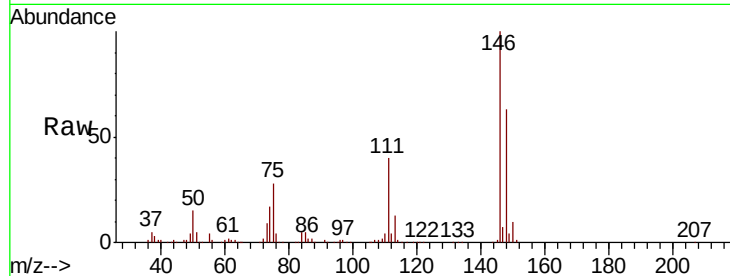




#91
 1,2-Dichlorobenzene
 Concen: 20.303 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

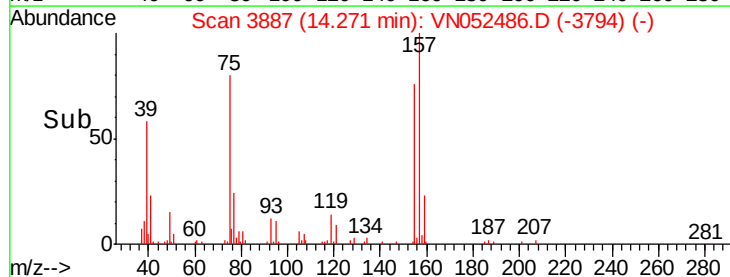
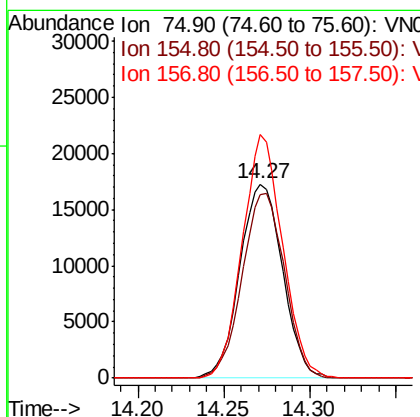
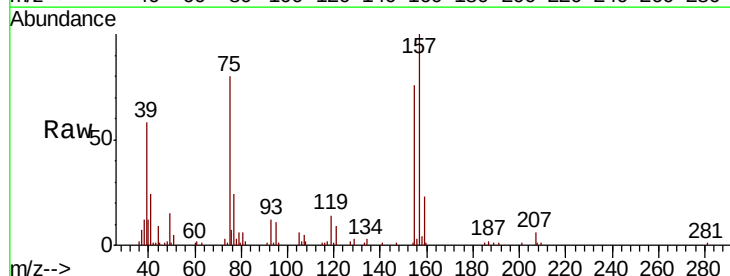
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

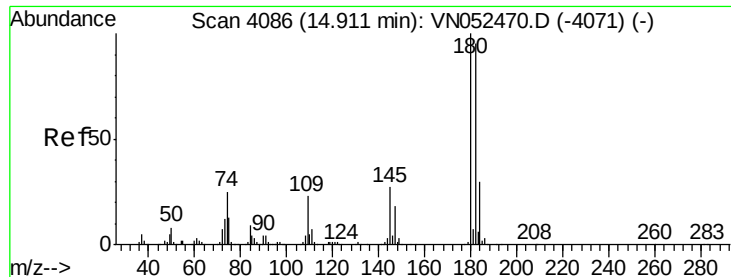
Tot Ion:146 Resp: 412084
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.671 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion: 75 Resp: 29848
 Ion Ratio Lower Upper
 75 100
 155 94.3 45.3 135.9
 157 117.9 58.1 174.2

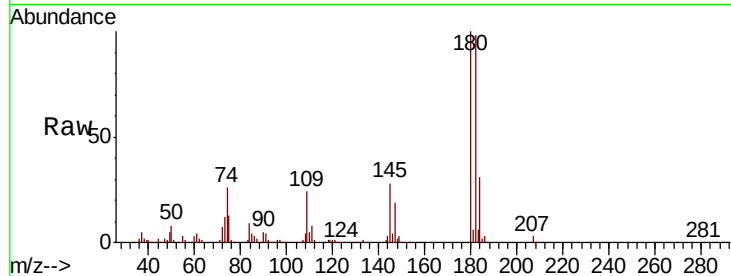




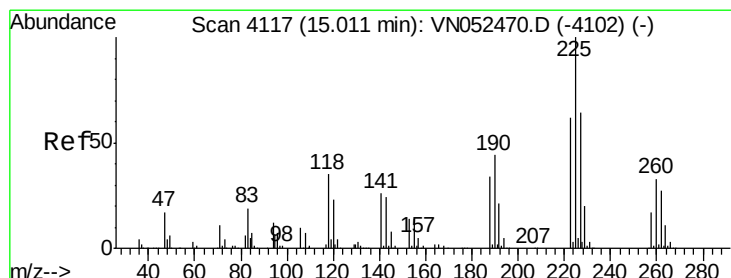
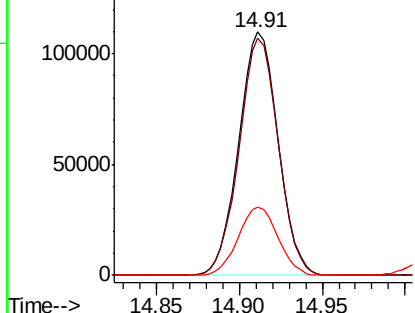
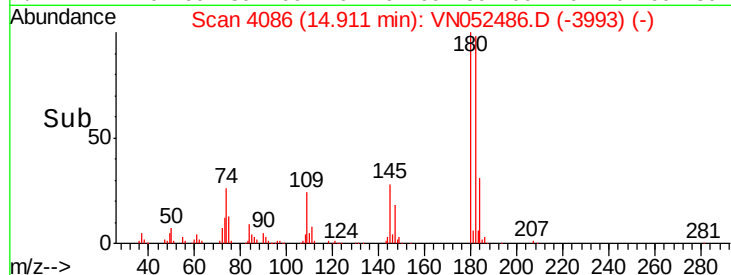
#93
 1,2,4-Trichlorobenzene
 Concen: 18.214 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.4
145	28.4	14.1	42.3

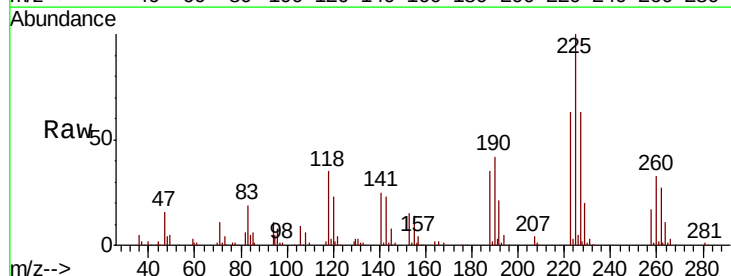


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

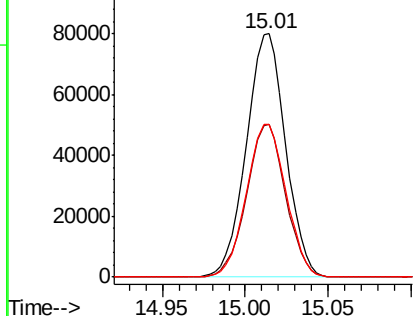
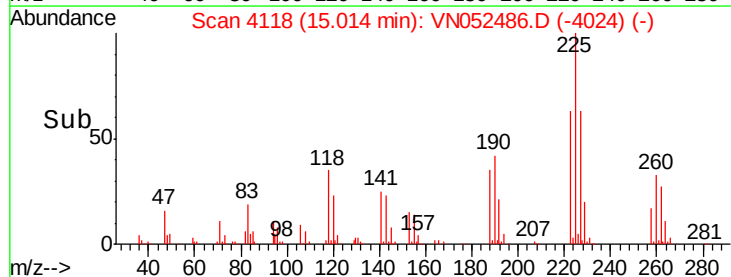


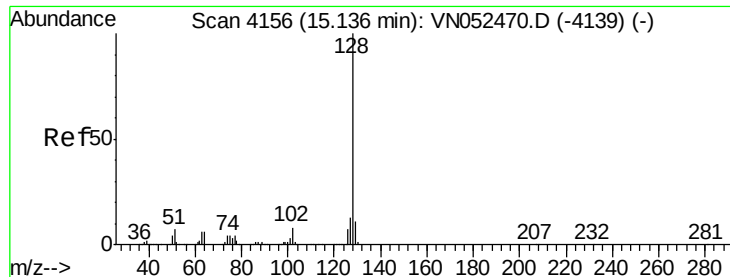
#94
 Hexachlorobutadiene
 Concen: 20.158 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN052486.D
 Acq: 27 Nov 2018 18:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.2
227	63.3	32.5	97.4



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





#95

Naphthalene

Concen: 17.643 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

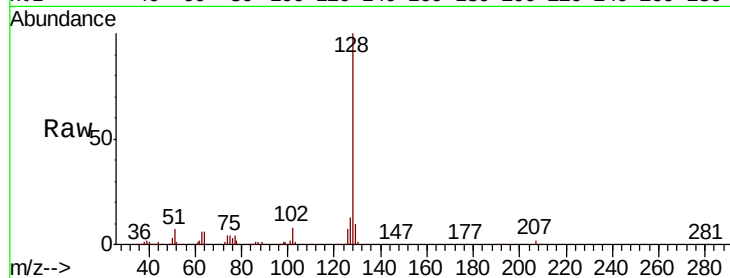
Tot Ion:128 Resp: 359848

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

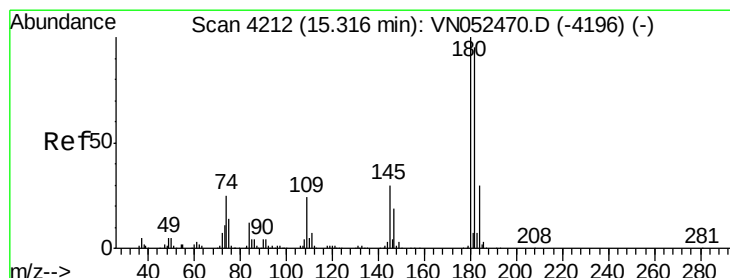
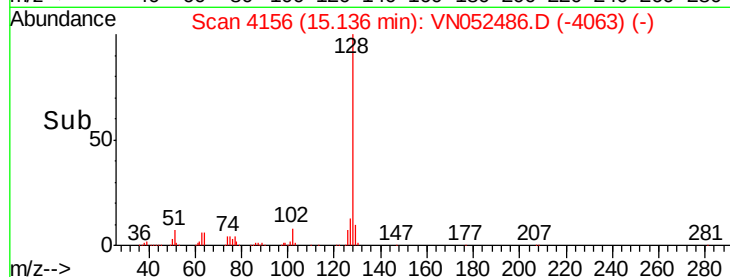
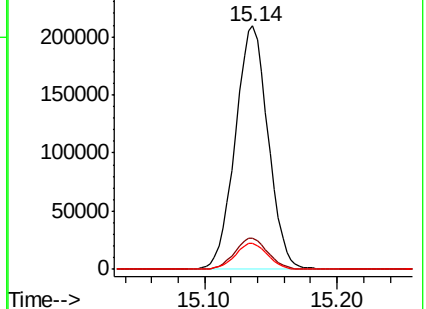
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.505 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052486.D

Acq: 27 Nov 2018 18:33

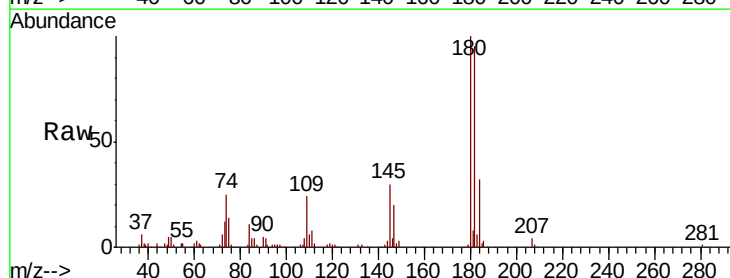
Tgt Ion:180 Resp: 170605

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 30.4 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

