

Data File : VN052471.D
Acq On : 27 Nov 2018 10:58
Operator : MD\SY
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Nov 28 00:45:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 00:40:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1049697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1630902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1475774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	706207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1161418	101.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.24%	
35) Dibromofluoromethane	7.59	113	1028761	102.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.64%	
50) Toluene-d8	10.09	98	4060383	103.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.50%	
62) 4-Bromofluorobenzene	12.40	95	1412094	107.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	958424	97.513	ug/l	99
3) Chloromethane	2.06	50	1291275	99.529	ug/l	100
4) Vinyl Chloride	2.19	62	1321717	99.173	ug/l	100
5) Bromomethane	2.56	94	786329	94.561	ug/l	99
6) Chloroethane	2.71	64	783492	97.053	ug/l	99
7) Trichlorofluoromethane	3.02	101	1616761	98.759	ug/l	100
8) Diethyl Ether	3.41	74	625500	103.465	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1011680	99.037	ug/l	99
10) Methyl Iodide	3.96	142	1483677	109.050	ug/l	100
11) Tert butyl alcohol	4.78	59	279715	488.857	ug/l	99
12) 1,1-Dichloroethene	3.74	96	976121	99.271	ug/l	98
13) Acrolein	3.61	56	511356	568.095	ug/l	98
14) Allyl chloride	4.33	41	1682323	99.269	ug/l	95
15) Acrylonitrile	4.99	53	1896965	523.736	ug/l	99
16) Acetone	3.82	43	1425415	472.839	ug/l	100
17) Carbon Disulfide	4.06	76	3086282	99.738	ug/l	100
18) Methyl Acetate	4.32	43	888973	102.804	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2711598	103.647	ug/l	99
20) Methylene Chloride	4.55	84	1120500	94.984	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	1057680	100.715	ug/l	98
22) Diisopropyl ether	5.95	45	3636264	102.149	ug/l	99
23) Vinyl Acetate	5.90	43	11962172	539.512	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2049696	100.845	ug/l	100
25) 2-Butanone	6.83	43	2186383	511.690	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1451213	103.155	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1221262	99.832	ug/l	99
28) Bromochloromethane	7.19	49	953059	102.662	ug/l	100
29) Tetrahydrofuran	7.21	42	1418818	514.815	ug/l	99
30) Chloroform	7.37	83	1961974	96.752	ug/l	98
31) Cyclohexane	7.65	56	1939566	85.295	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1635637	101.804	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1570382	101.966	ug/l	99
37) Ethyl Acetate	6.93	43	962402	102.393	ug/l	99
38) Carbon Tetrachloride	7.78	117	1433661	102.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1931839	103.200	ug/l	99
40) Benzene	8.04	78	4671181	101.773	ug/l	100
41) Methacrylonitrile	7.17	41	562409	109.448	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1408987	101.385	ug/l	99
43) Isopropyl Acetate	8.16	43	1713393	107.719	ug/l	99
44) Trichloroethene	8.84	130	1194472	101.599	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1249330	102.383	ug/l	100
46) Dibromomethane	9.21	93	700673	103.724	ug/l	99
47) Bromodichloromethane	9.40	83	1518196	103.371	ug/l	100
48) Methyl methacrylate	9.20	41	882335	106.383	ug/l	100
49) 1,4-Dioxane	9.20	88	160827	1868.409	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	4756719	532.996	ug/l	100
52) Toluene	10.16	92	2853209	104.628	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1583266	112.056	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1842438	108.814	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	992924	103.512	ug/l	100
56) Ethyl methacrylate	10.43	69	1341113	113.603	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1741518	102.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3831801	550.510	ug/l	100
59) 2-Hexanone	10.75	43	3247029	542.102	ug/l	100
60) Dibromochloromethane	10.90	129	1111068	106.646	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1002519	105.227	ug/l	100
64) Tetrachloroethene	10.63	164	1110399	97.045	ug/l	99
65) Chlorobenzene	11.44	112	3098753	101.831	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1084874	102.533	ug/l	100
67) Ethyl Benzene	11.51	91	5534954	103.867	ug/l	100
68) m/p-Xylenes	11.62	106	4171769	210.290	ug/l	100
69) o-Xylene	11.95	106	2019067	104.807	ug/l	100
70) Styrene	11.97	104	3330212	108.533	ug/l	100
71) Bromoform	12.13	173	759321	108.385	ug/l #	100
73) Isopropylbenzene	12.25	105	5372746	96.970	ug/l	100
74) N-amyl acetate	12.07	43	1517331	108.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1215442	96.435	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1559042	148.834	ug/l #	100
77) Bromobenzene	12.53	156	1325476	96.786	ug/l	99
78) n-propylbenzene	12.59	91	6303518	100.145	ug/l	100
79) 2-Chlorotoluene	12.68	91	3624913	96.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4380555	99.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	360179	110.451	ug/l	97
82) 4-Chlorotoluene	12.78	91	3704861	98.071	ug/l	99
83) tert-Butylbenzene	12.99	119	3810146	96.718	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4472156	100.987	ug/l	100
85) sec-Butylbenzene	13.17	105	5312770	99.015	ug/l	100
86) p-Isopropyltoluene	13.29	119	4623783	101.175	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2400188	100.194	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2355741	99.834	ug/l	100
89) n-Butylbenzene	13.62	91	4081419	107.386	ug/l	100
90) Hexachloroethane	13.88	117	778513	100.607	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	2274014	99.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	188797	104.735	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Quantitation Report (Not Reviewed)

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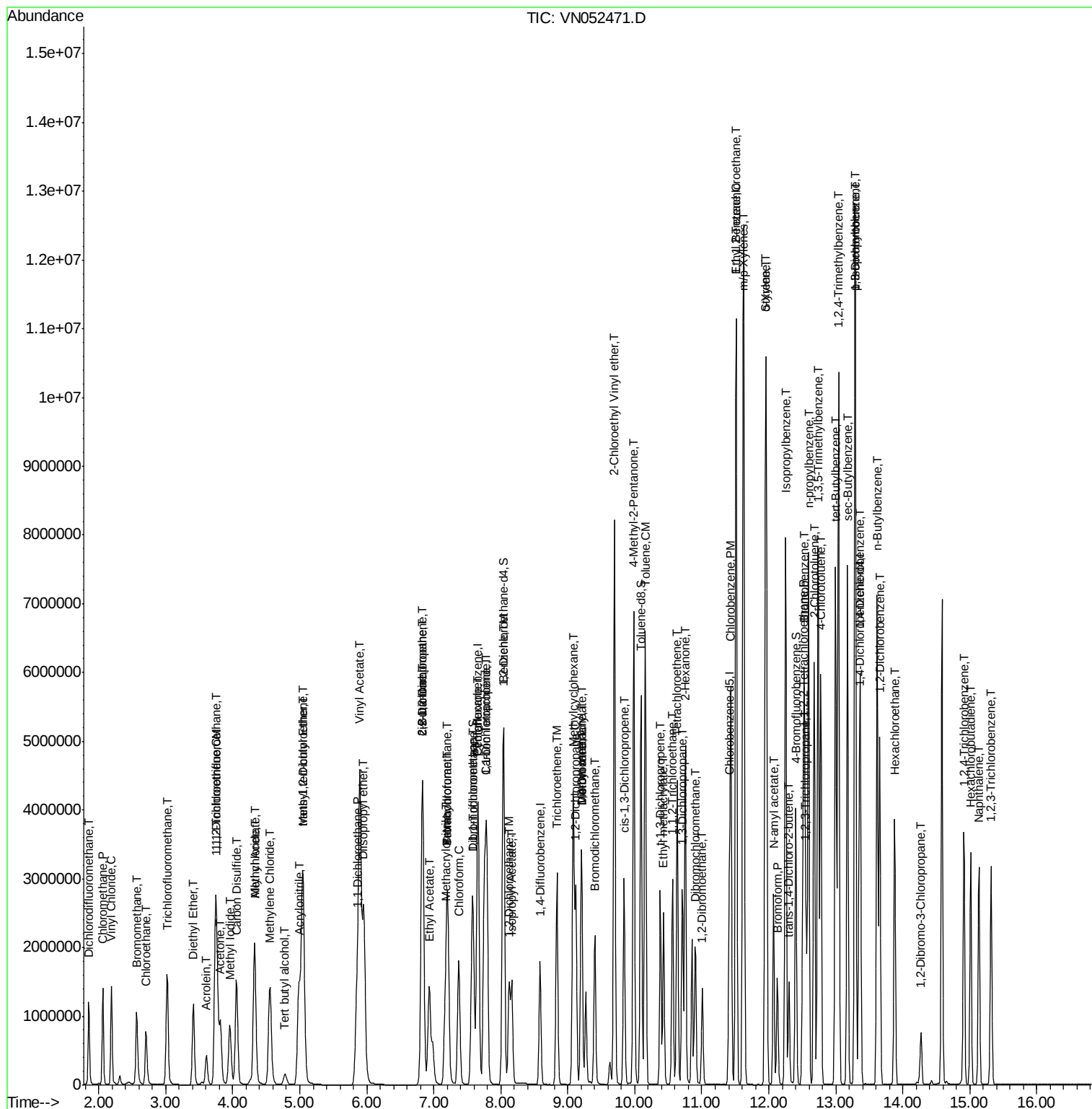
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1274113	117.731	ug/l	99
94) Hexachlorobutadiene	15.01	225	710476	96.495	ug/l	99
95) Naphthalene	15.14	128	2686027	120.226	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1162659	115.030	ug/l	99

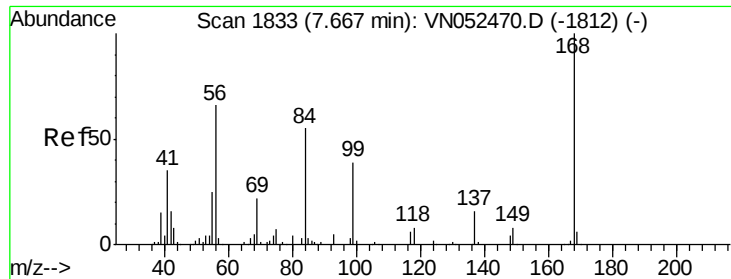
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

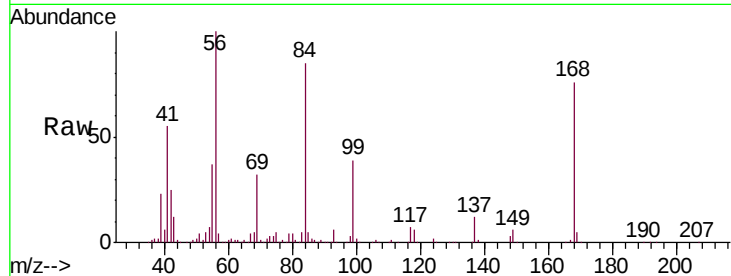
VSTDIC100

Tgt Ion:168 Resp: 1049697

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

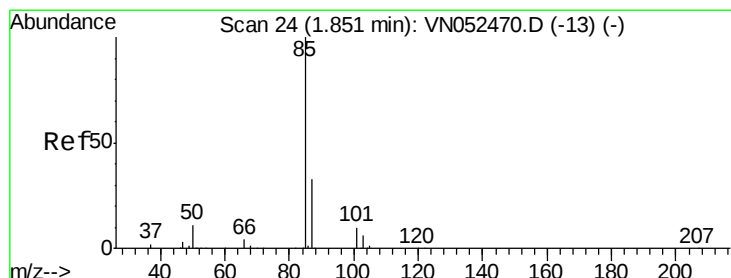
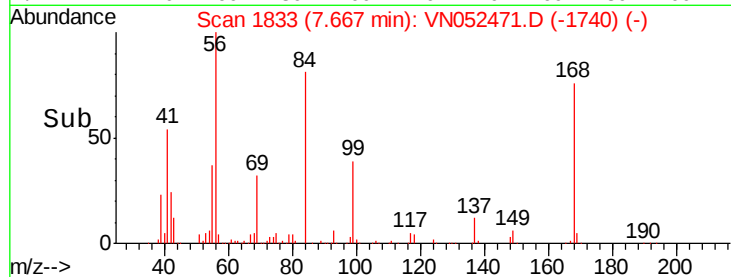
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 97.513 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052471.D

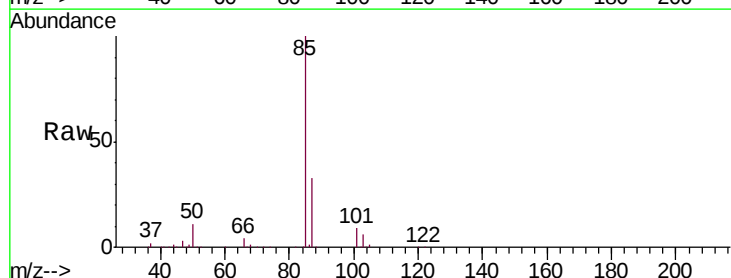
Acq: 27 Nov 2018 10:58

Tgt Ion: 85 Resp: 958424

Ion Ratio Lower Upper

85 100

87 32.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

800000

600000

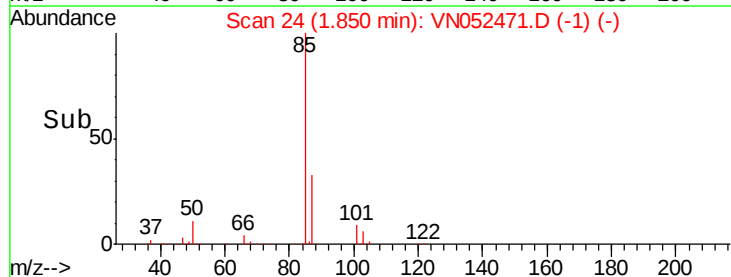
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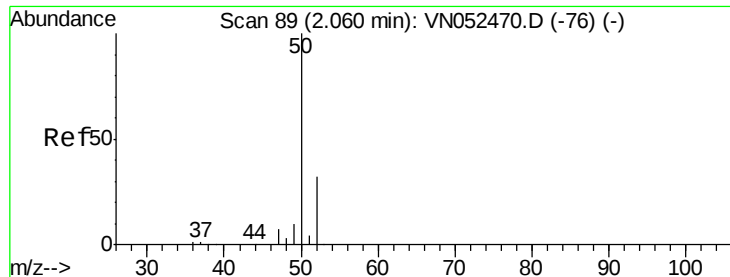
200000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 99.529 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

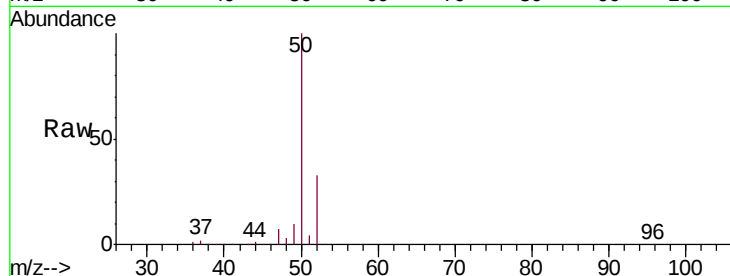
VSTDIC100

Tgt Ion: 50 Resp: 1291275

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN052471.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN052471.D (-1) (-)

2.06

800000

600000

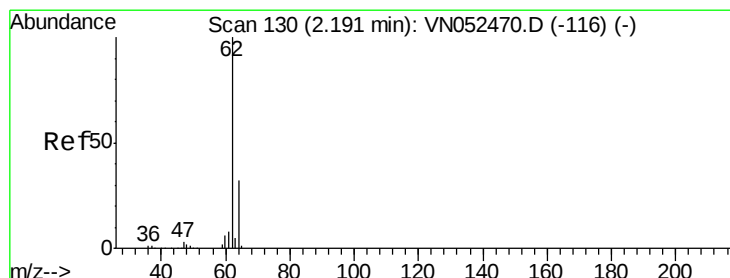
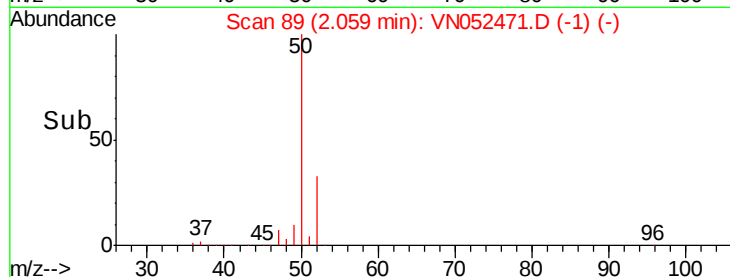
400000

200000

0

Time-->

2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 99.173 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052471.D

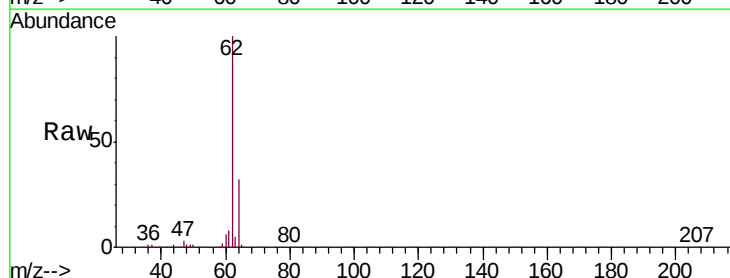
Acq: 27 Nov 2018 10:58

Tgt Ion: 62 Resp: 1321717

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN052471.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VN052471.D (-37) (-)

2.19

800000

600000

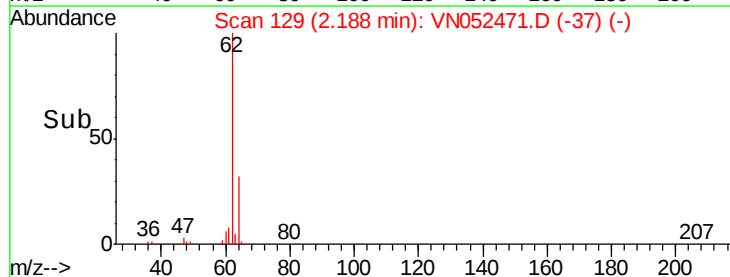
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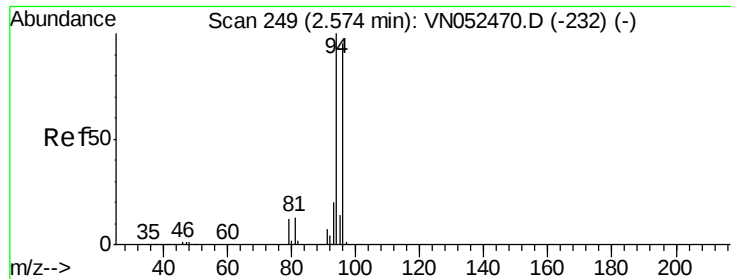
200000

0

Time-->

2.10 2.20 2.30





#5

Bromomethane

Concen: 94.561 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

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ClientSampleId :

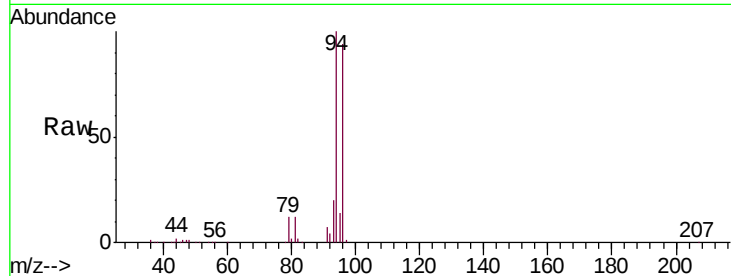
VSTDIC100

Tgt Ion: 94 Resp: 786329

Ion Ratio Lower Upper

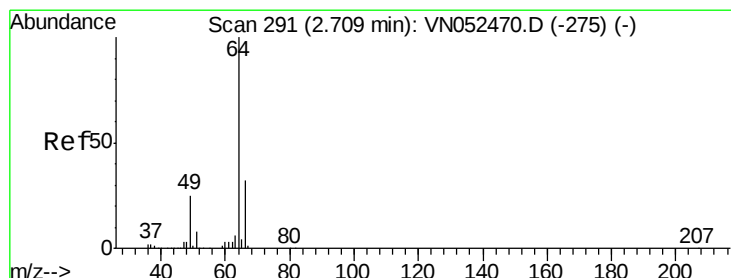
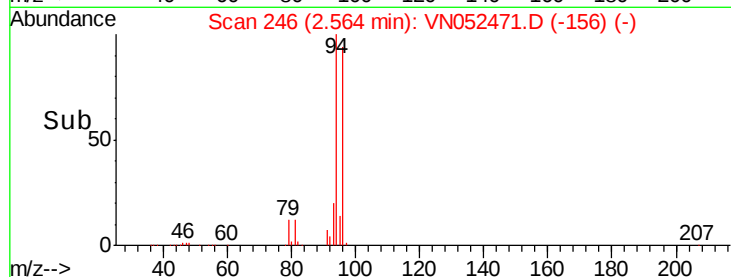
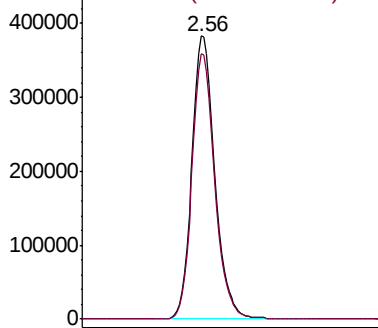
94 100

96 93.6 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: 97.053 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052471.D

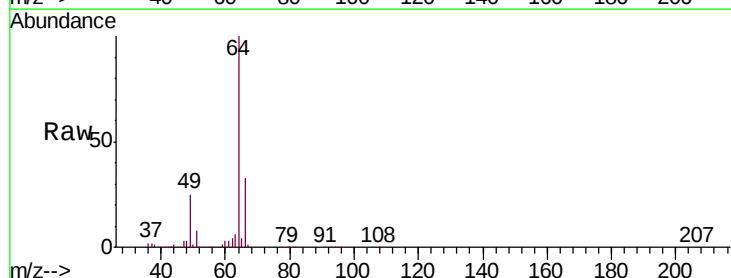
Acq: 27 Nov 2018 10:58

Tgt Ion: 64 Resp: 783492

Ion Ratio Lower Upper

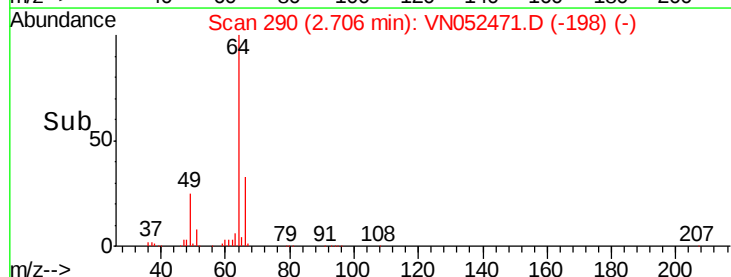
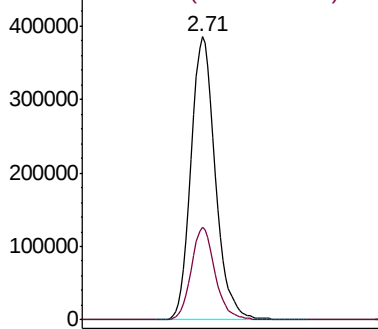
64 100

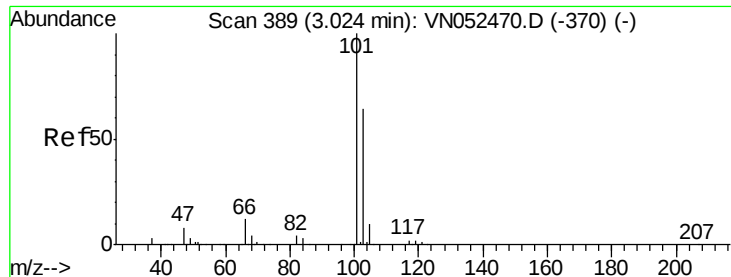
66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



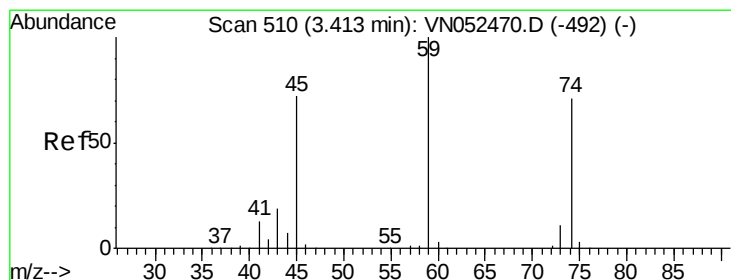
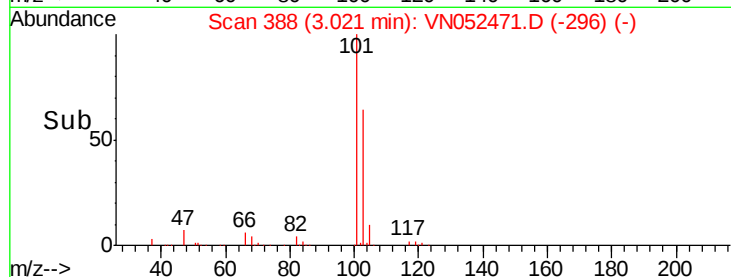
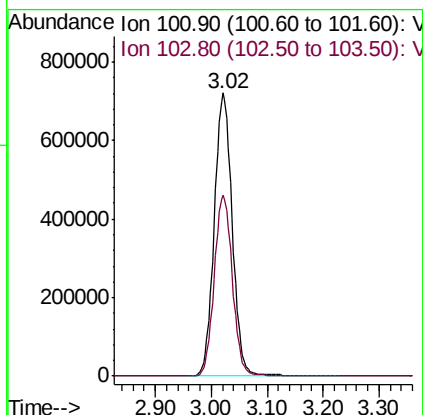
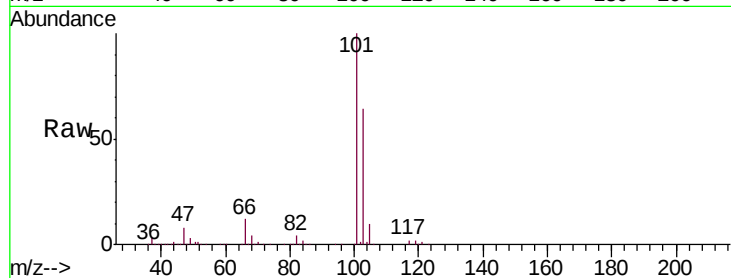


#7

Trichlorofluoromethane
Concen: 98.759 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

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VSTDIC100

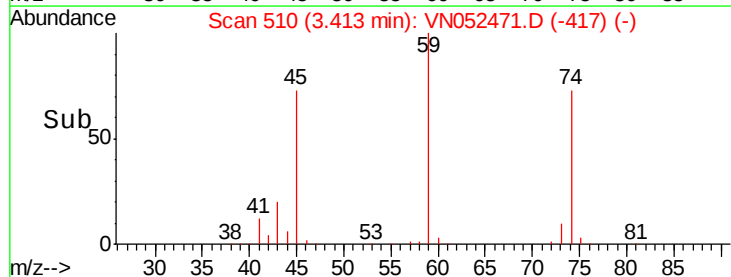
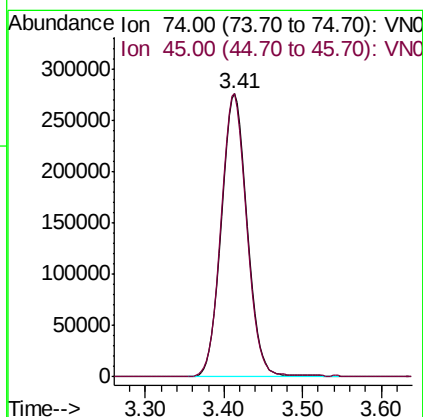
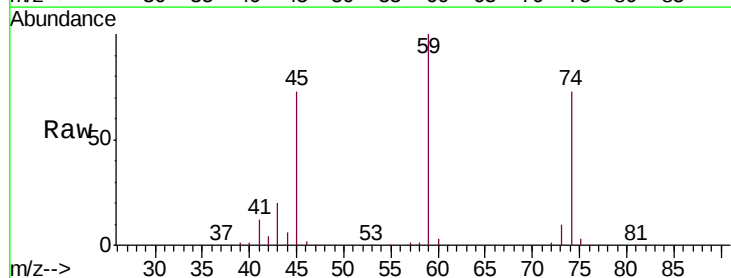
Tgt Ion:101 Resp: 1616761
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8

Diethyl Ether
Concen: 103.465 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 74 Resp: 625500
Ion Ratio Lower Upper
74 100
45 98.5 50.4 151.3

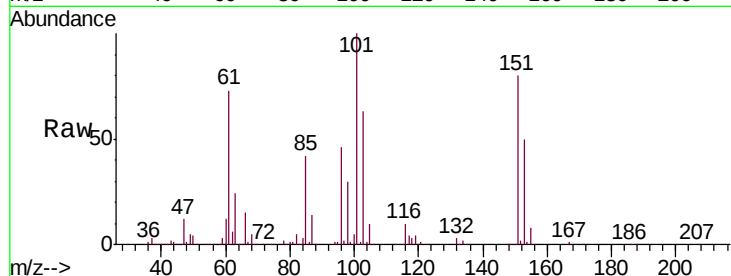




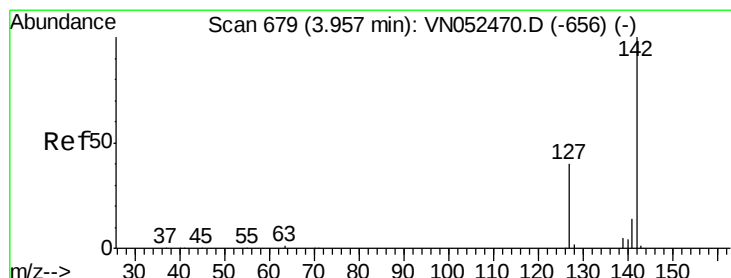
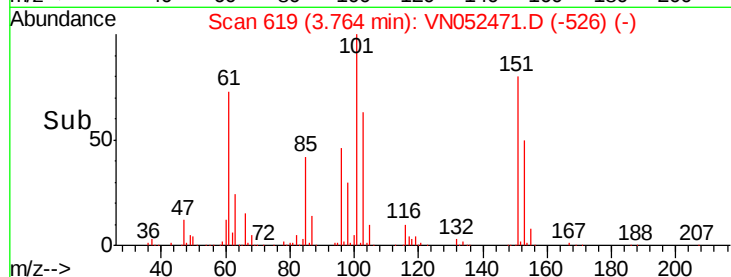
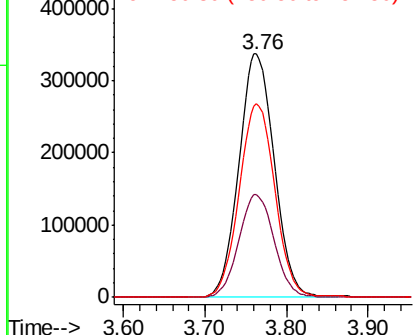
#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.037 ug/l
RT: 3.76 min Scan# 619
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 1011680
Ion Ratio Lower Upper
101 100
85 42.0 34.2 51.4
151 79.9 64.6 96.8

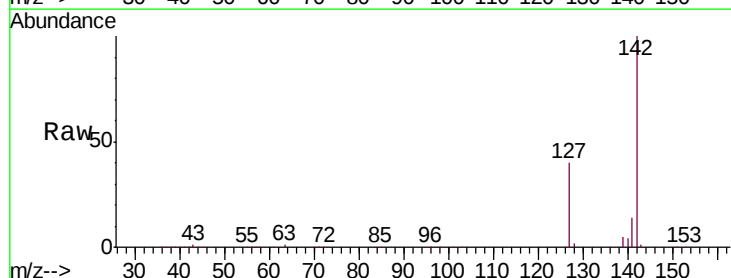


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

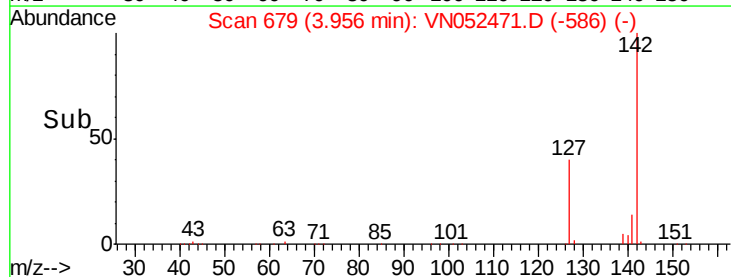
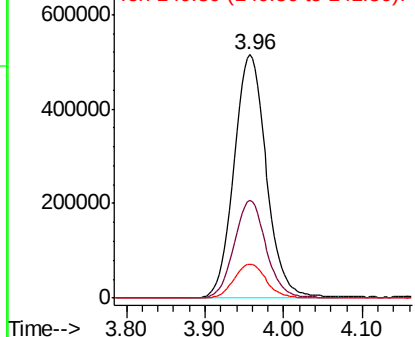


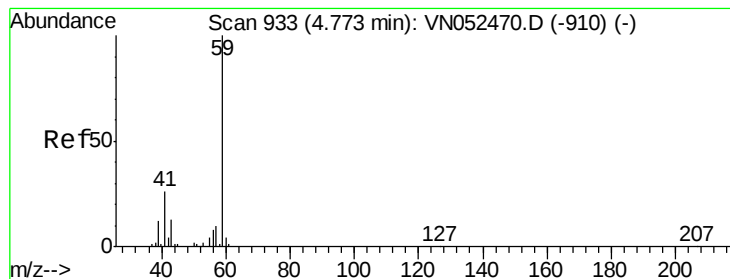
#10
Methyl Iodide
Concen: 109.050 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion:142 Resp: 1483677
Ion Ratio Lower Upper
142 100
127 39.9 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



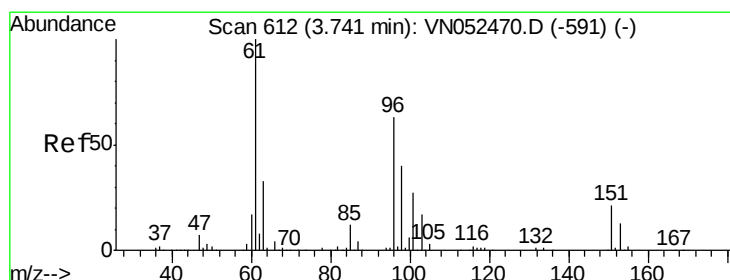
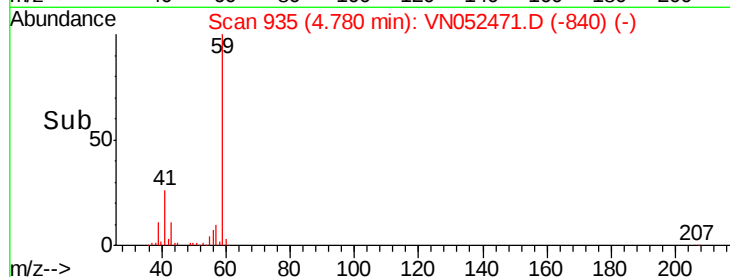
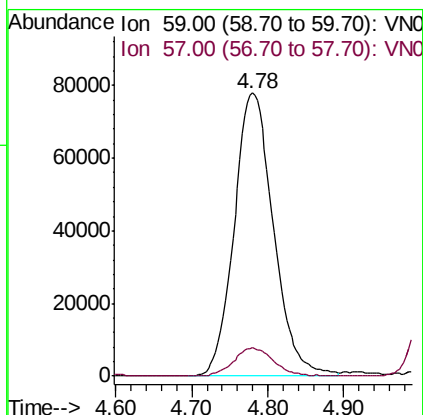
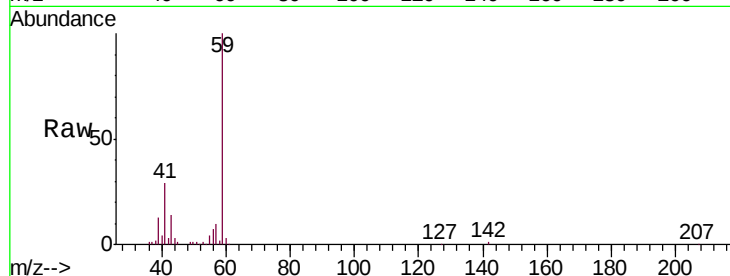


#11

Tert butyl alcohol
Concen: 488.857 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

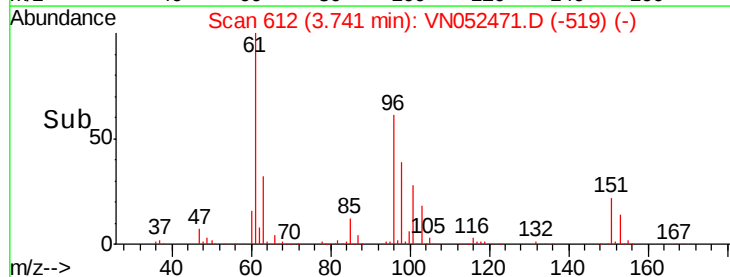
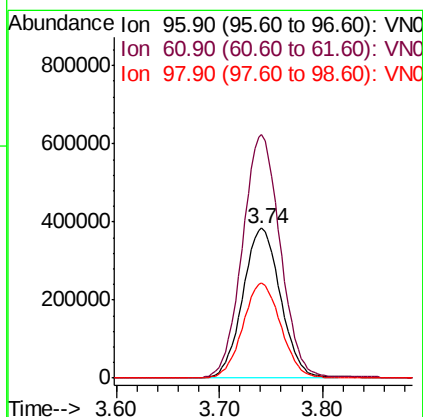
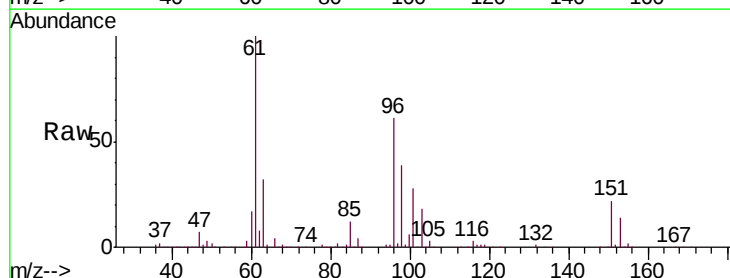
Tgt Ion: 59 Resp: 279715
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

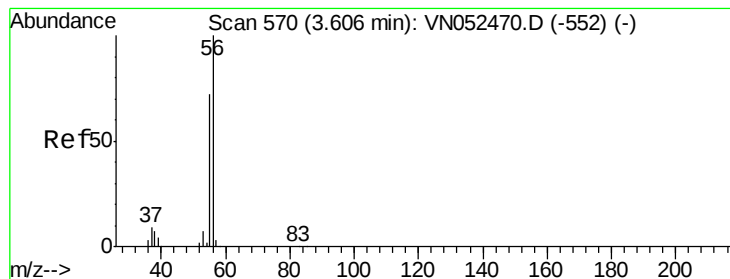


#12

1,1-Dichloroethene
Concen: 99.271 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 96 Resp: 976121
Ion Ratio Lower Upper
96 100
61 162.7 127.0 190.6
98 63.8 50.3 75.5





#13

Acrolein

Concen: 568.095 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

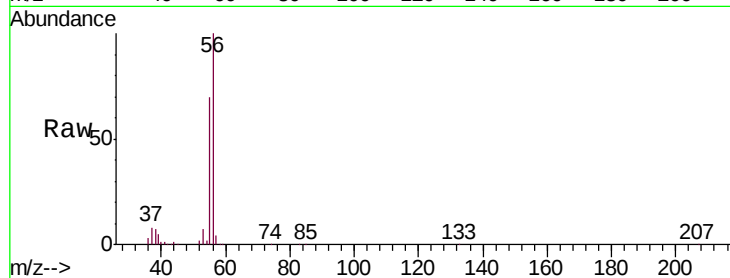
VSTDIC100

Tgt Ion: 56 Resp: 511356

Ion Ratio Lower Upper

56 100

55 69.5 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN052471.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052471.D (-552) (-)

3.61

200000

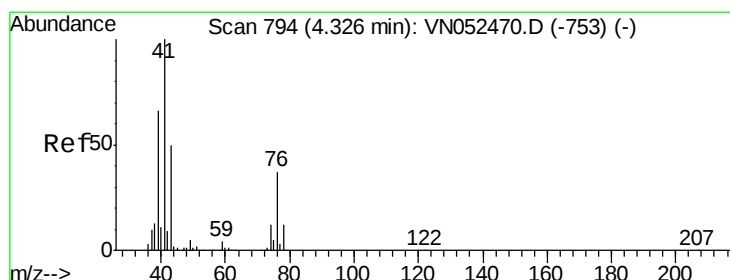
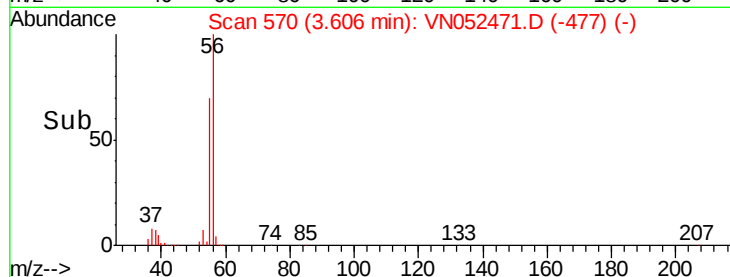
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 99.269 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

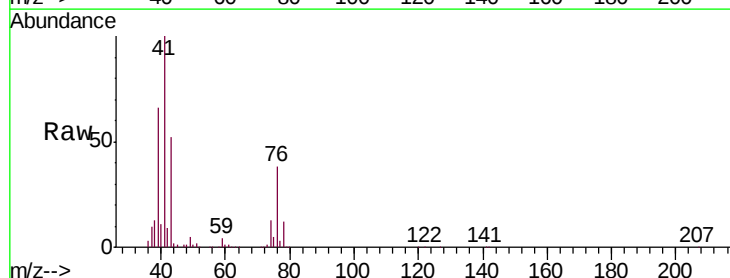
Tgt Ion: 41 Resp: 1682323

Ion Ratio Lower Upper

41 100

39 66.9 50.6 76.0

76 37.5 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VN052471.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN052471.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN052471.D (-753) (-)

4.33

800000

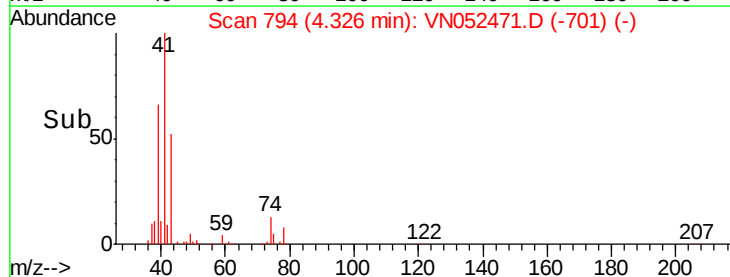
600000

400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 523.736 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

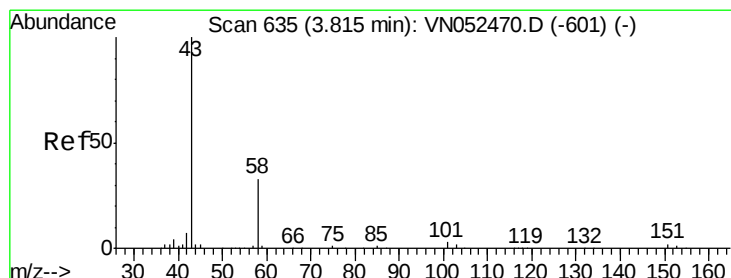
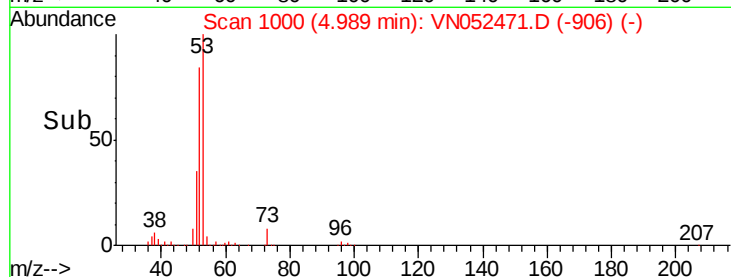
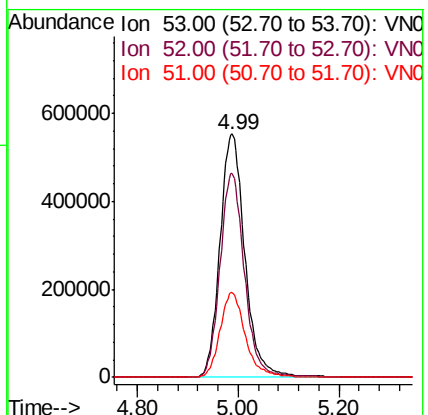
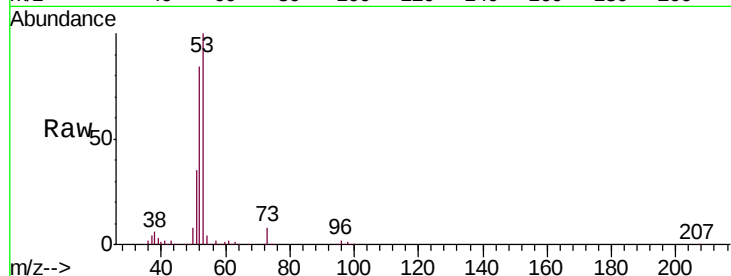
Tgt Ion: 53 Resp: 1896965

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

51 35.6 28.1 42.1



#16

Acetone

Concen: 472.839 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052471.D

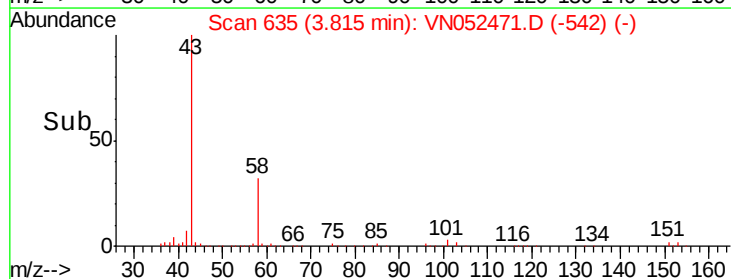
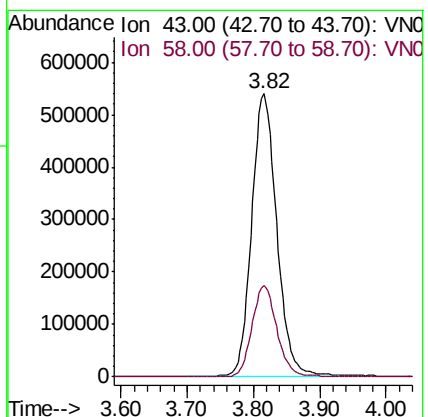
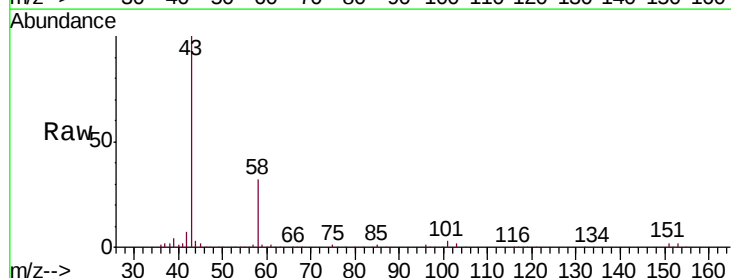
Acq: 27 Nov 2018 10:58

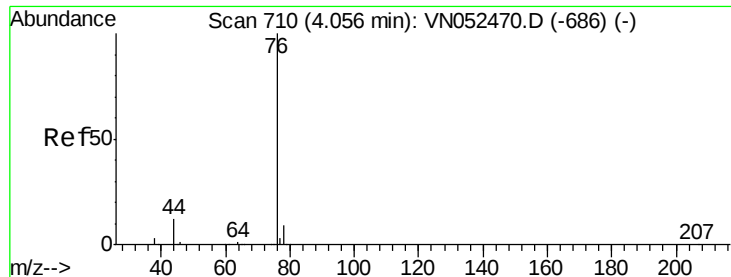
Tgt Ion: 43 Resp: 1425415

Ion Ratio Lower Upper

43 100

58 32.3 26.0 39.0

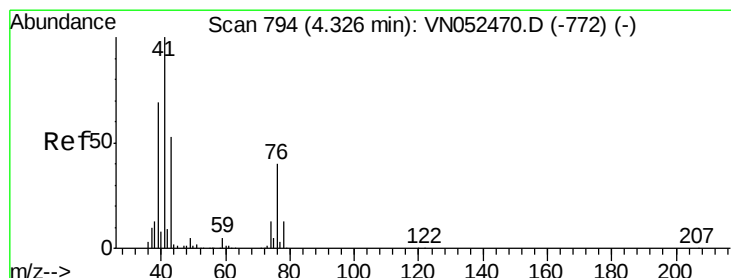
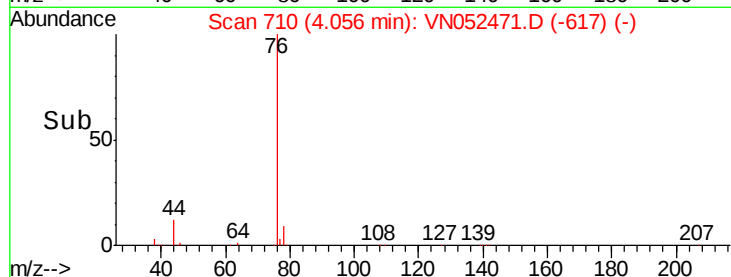
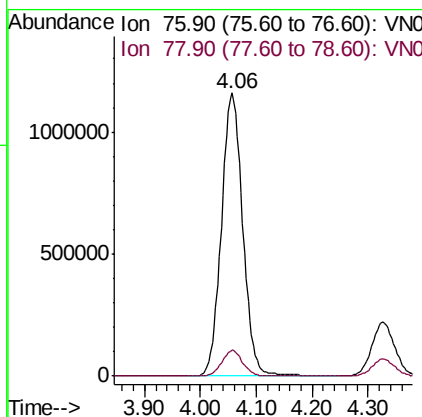
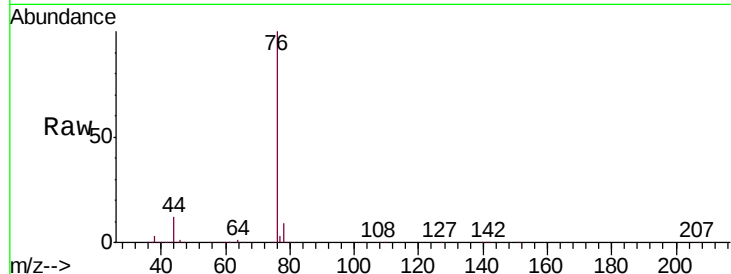




#17
Carbon Disulfide
Concen: 99.738 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

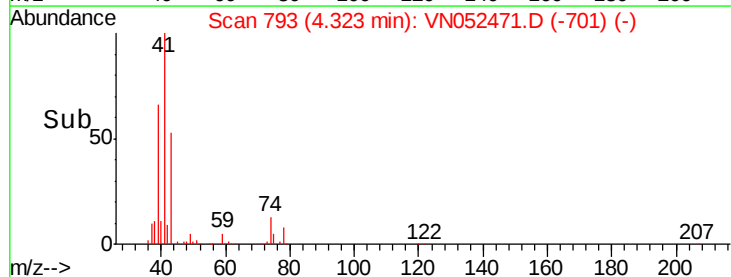
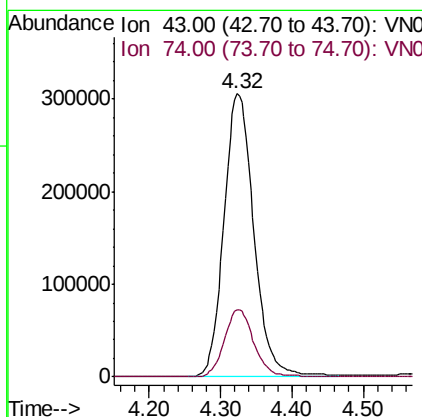
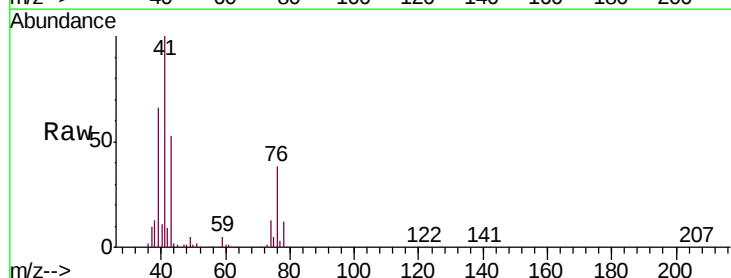
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

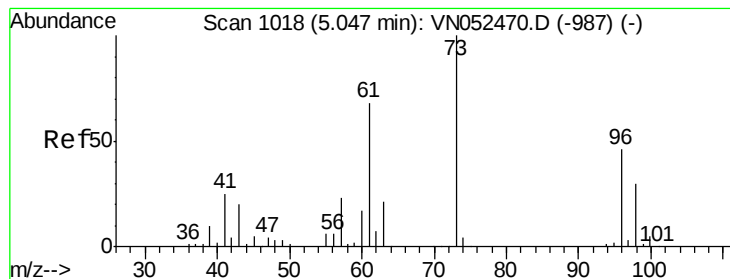
Tgt Ion: 76 Resp: 3086282
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 102.804 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 43 Resp: 888973
Ion Ratio Lower Upper
43 100
74 23.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 103.647 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

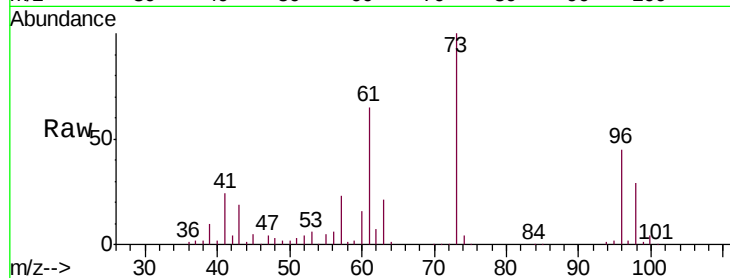
VSTDIC100

Tgt Ion: 73 Resp: 2711598

Ion Ratio Lower Upper

73 100

57 23.2 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN052470.D (-987) (-)

Ion 57.00 (56.70 to 57.70): VN052470.D (-987) (-)

5.05

800000

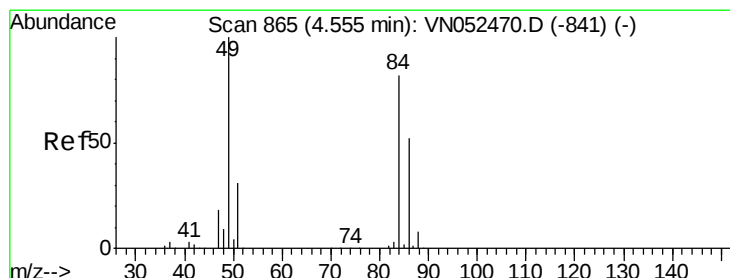
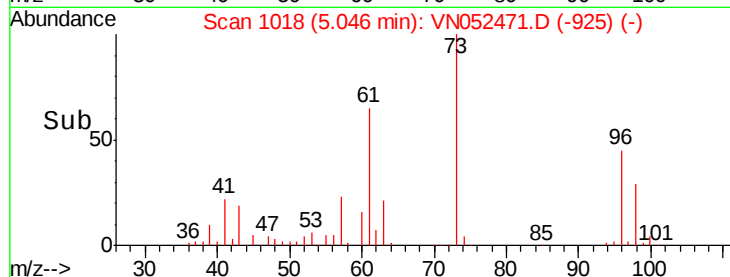
600000

400000

200000

0

Time--> 4.80 5.00 5.20



#20

Methylene Chloride

Concen: 94.984 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Tgt Ion: 84 Resp: 1120500

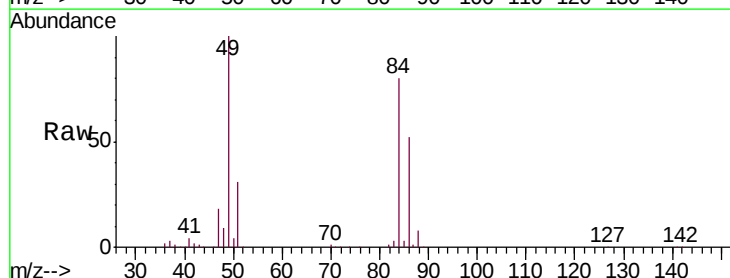
Ion Ratio Lower Upper

84 100

49 125.1 98.0 147.0

51 38.2 30.1 45.1

86 64.6 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN052470.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN052470.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN052470.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN052470.D (-841) (-)

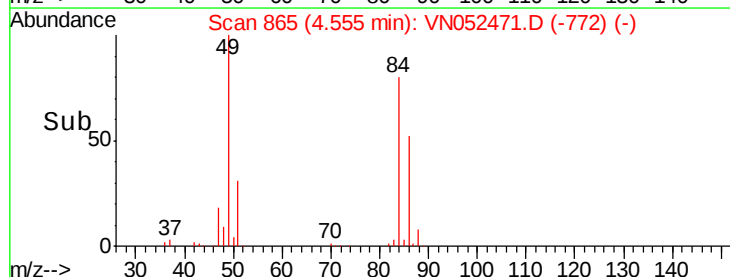
600000

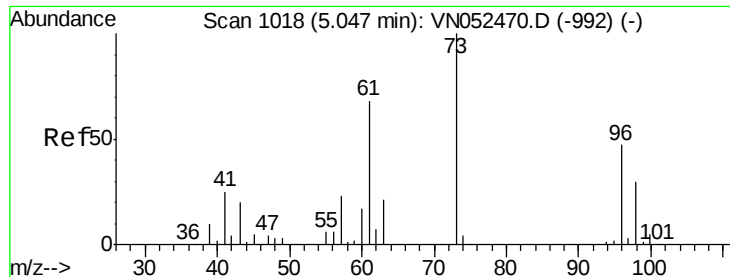
400000

200000

0

Time--> 4.40 4.50 4.60 4.70

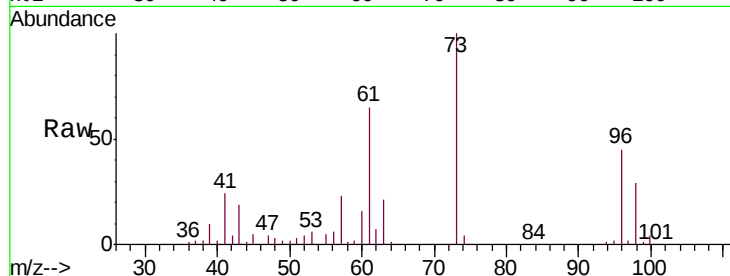




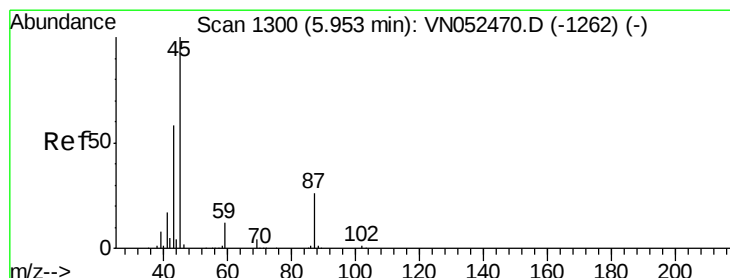
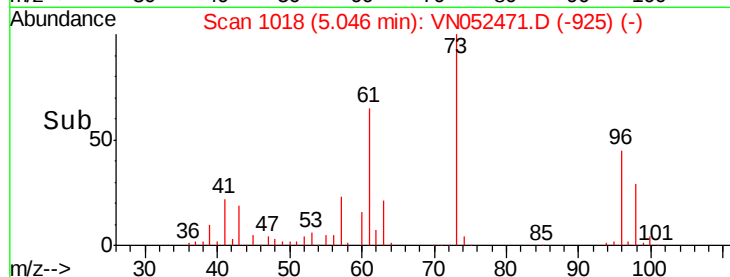
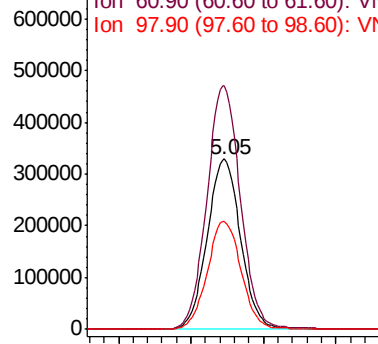
#21
trans-1,2-Dichloroethene
Concen: 100.715 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 1057680
Ion Ratio Lower Upper
96 100
61 142.8 117.0 175.4
98 63.2 51.8 77.6

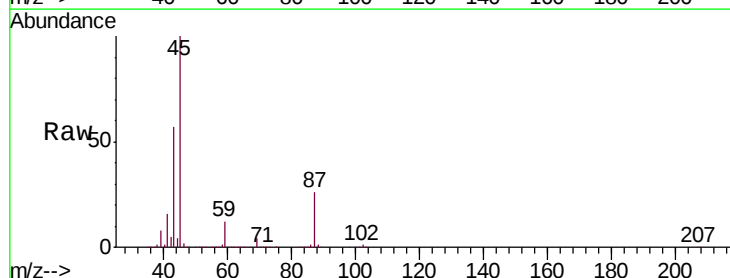


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

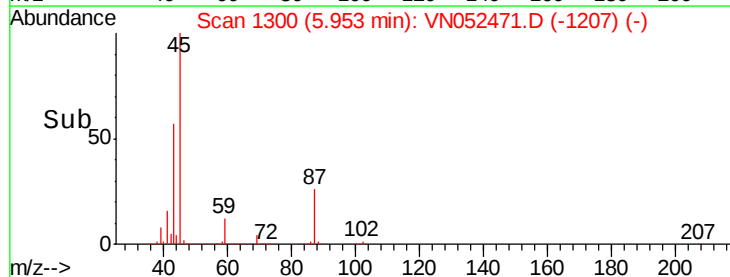
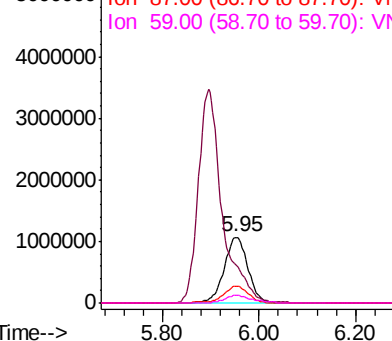


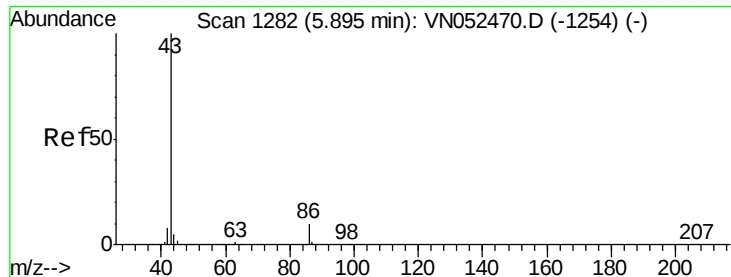
#22
Diisopropyl ether
Concen: 102.149 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 45 Resp: 3636264
Ion Ratio Lower Upper
45 100
43 56.7 46.1 69.1
87 26.2 21.3 31.9
59 11.7 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 539.512 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

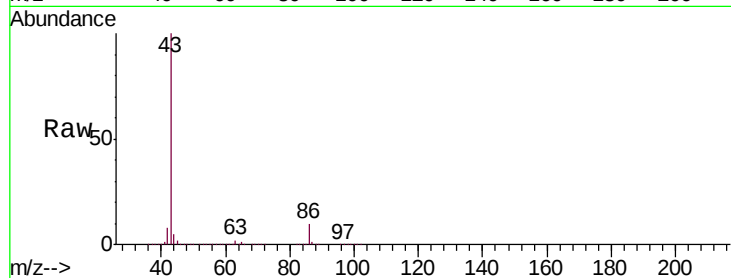
VSTDIC100

Tgt Ion: 43 Resp:11962172

Ion Ratio Lower Upper

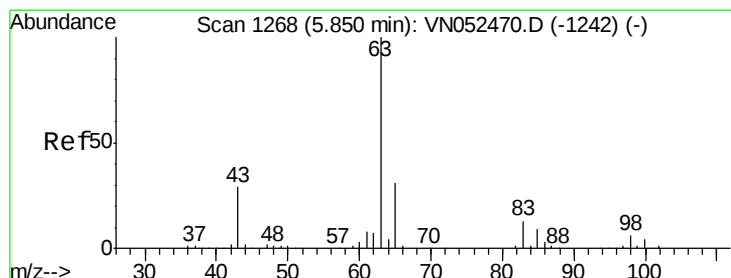
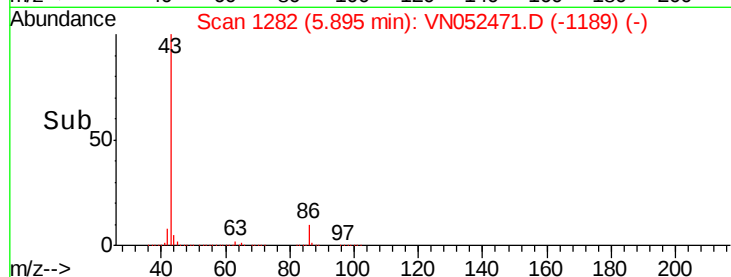
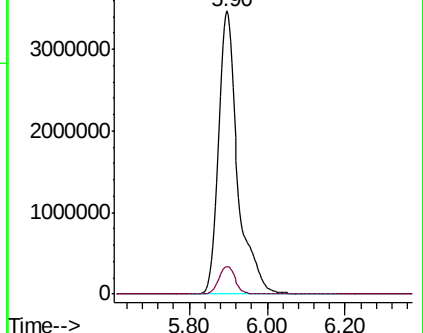
43 100

86 9.9 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) (-)



#24

1,1-Dichloroethane

Concen: 100.845 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

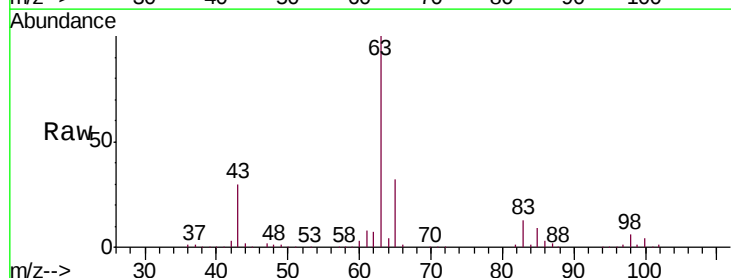
Tgt Ion: 63 Resp: 2049696

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

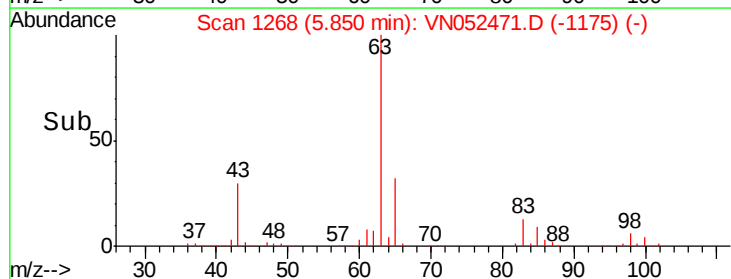
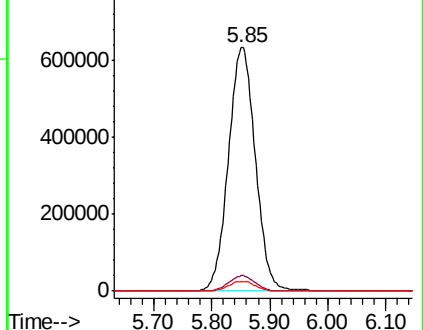
100 4.0 2.0 5.8

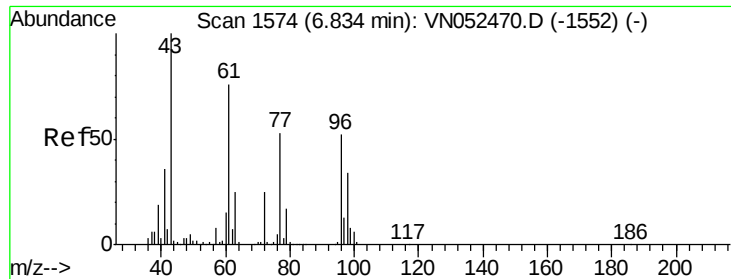


Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052470.D (-1242) (-)





#25

2-Butanone

Concen: 511.690 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

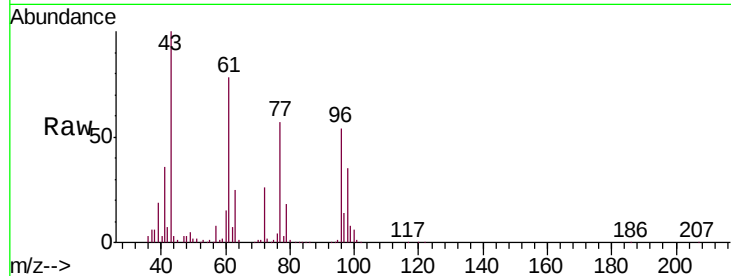
VSTDIC100

Tgt Ion: 43 Resp: 2186383

Ion Ratio Lower Upper

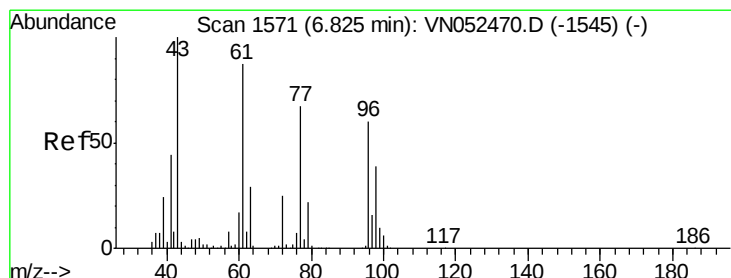
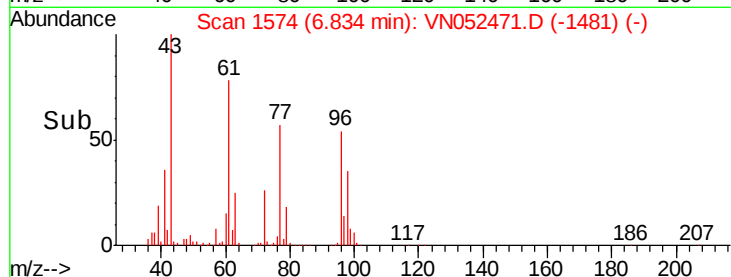
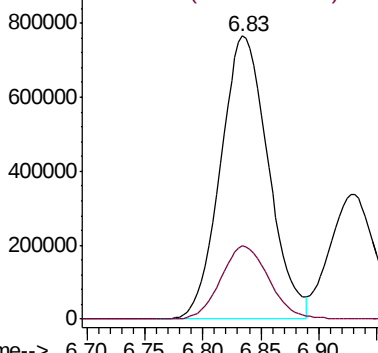
43 100

72 25.8 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 103.155 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052471.D

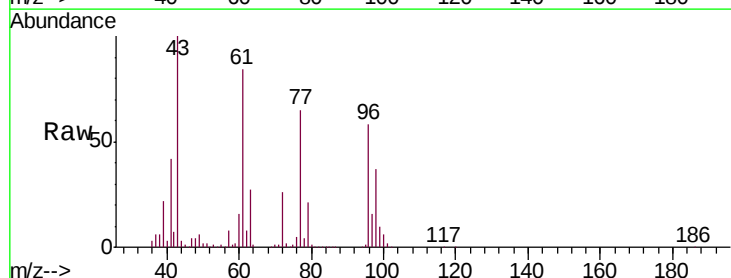
Acq: 27 Nov 2018 10:58

Tgt Ion: 77 Resp: 1451213

Ion Ratio Lower Upper

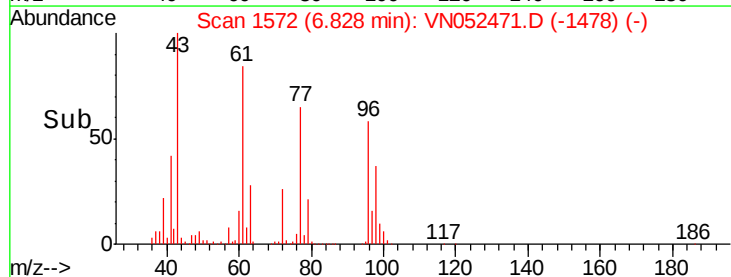
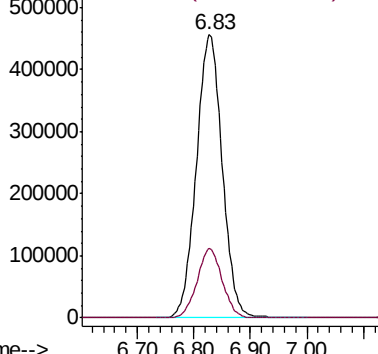
77 100

97 23.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 99.832 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

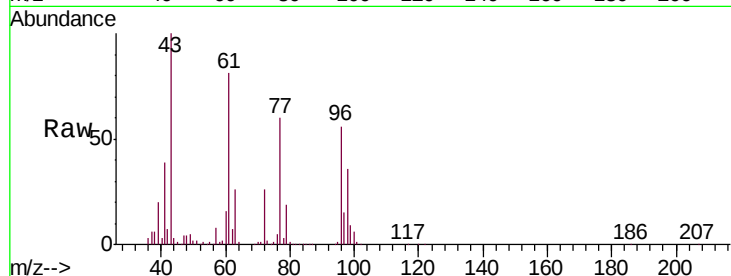
Tgt Ion: 96 Resp: 1221262

Ion Ratio Lower Upper

96 100

61 146.1 0.0 291.0

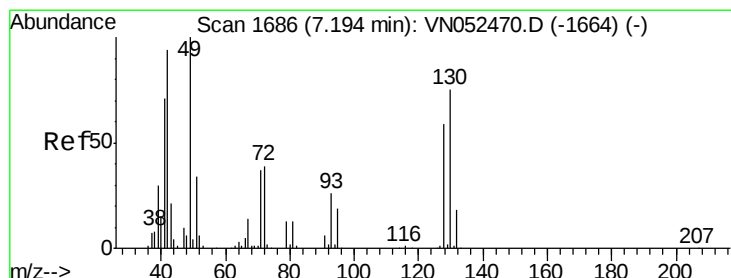
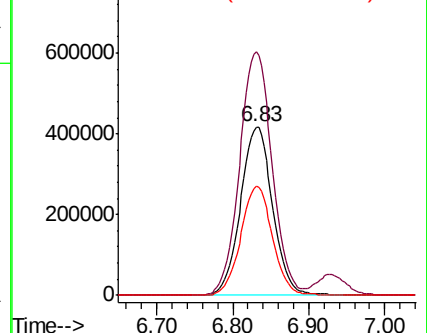
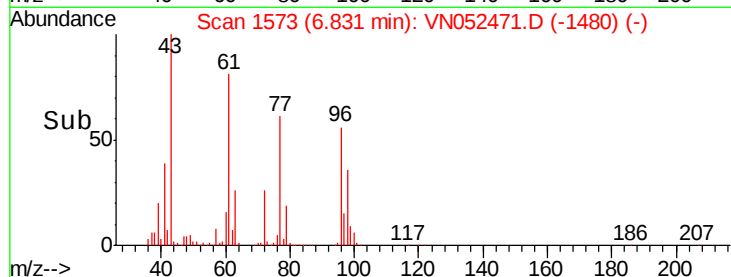
98 64.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN052471.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052471.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052471.D (-1480) (-)



#28

Bromochloromethane

Concen: 102.662 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

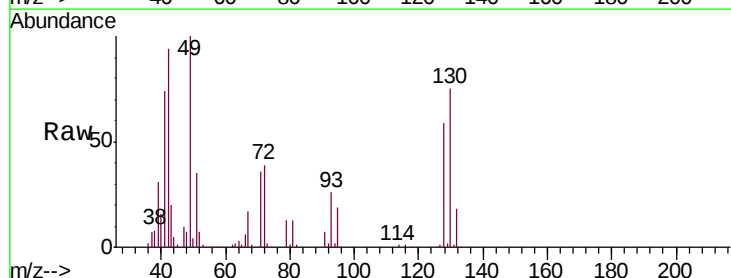
Tgt Ion: 49 Resp: 953059

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

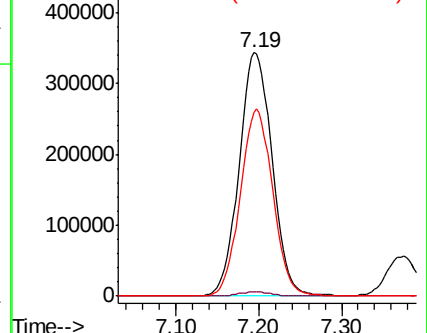
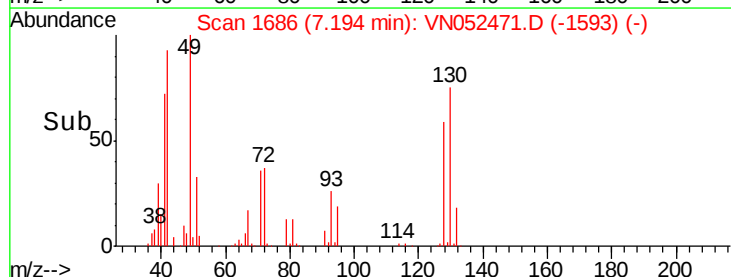
130 75.6 60.2 90.2



Abundance Ion 48.90 (48.60 to 49.60): VN052471.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052471.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052471.D (-1593) (-)

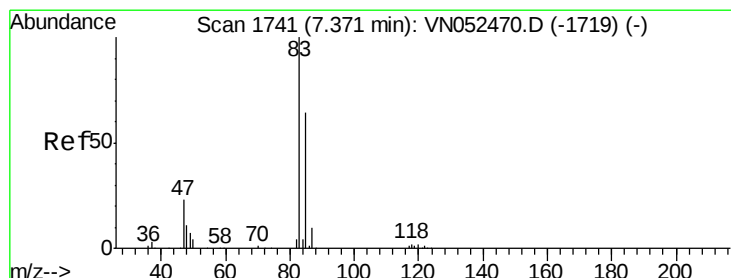
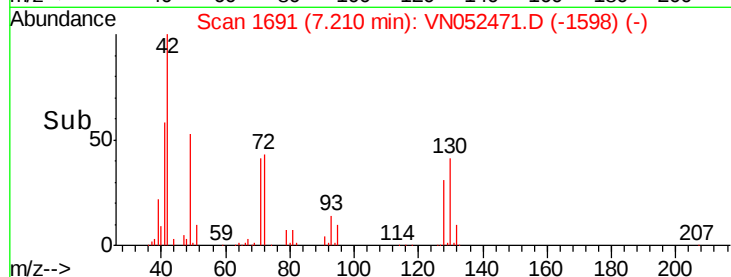
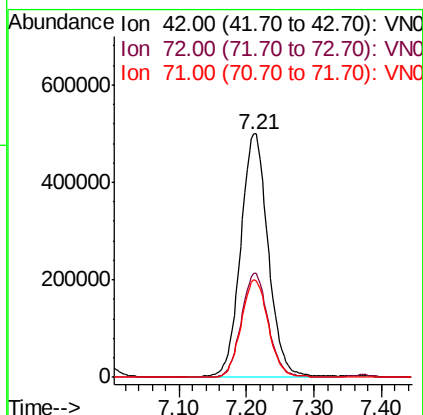
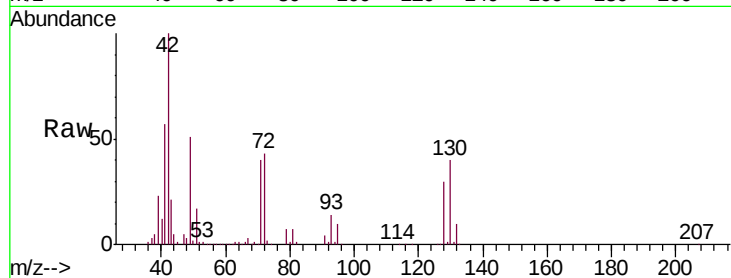




#29
Tetrahydrofuran
Concen: 514.815 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

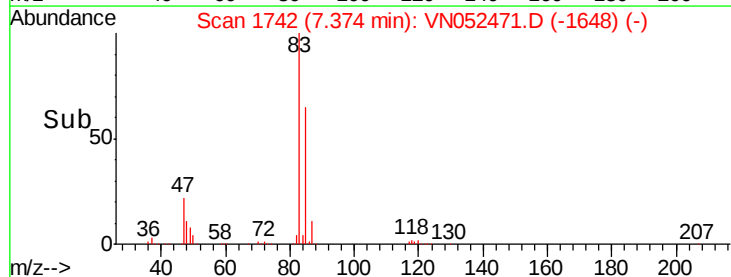
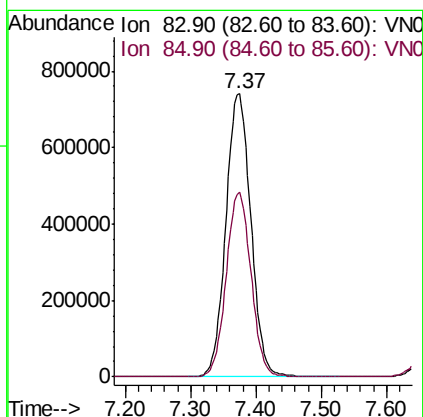
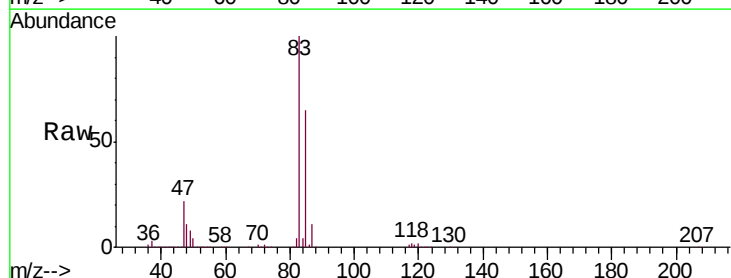
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

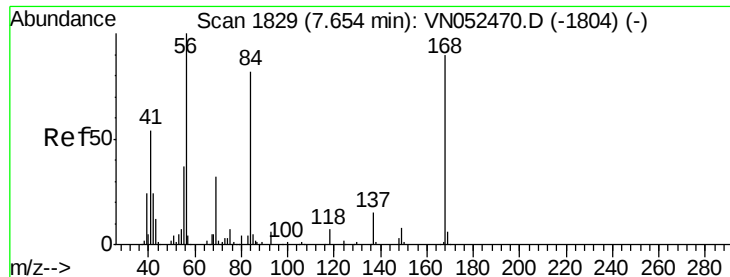
Tgt Ion: 42 Resp: 1418818
Ion Ratio Lower Upper
42 100
72 42.1 33.3 49.9
71 39.7 32.0 48.0



#30
Chloroform
Concen: 96.752 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 83 Resp: 1961974
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4

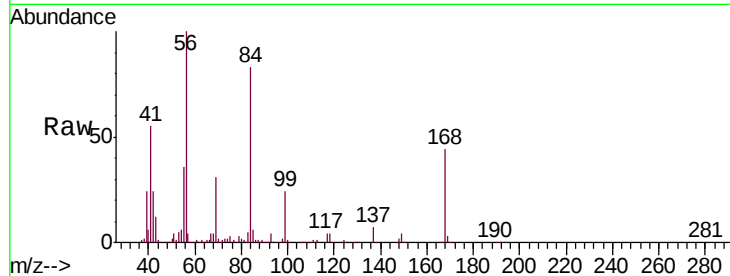




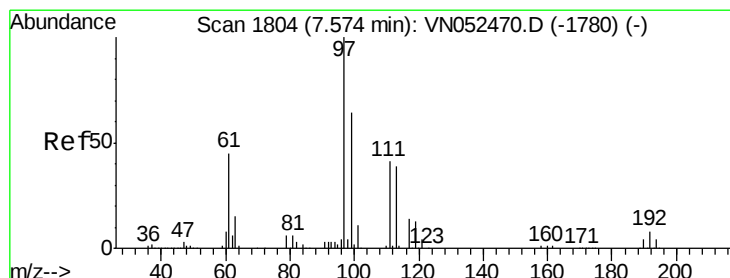
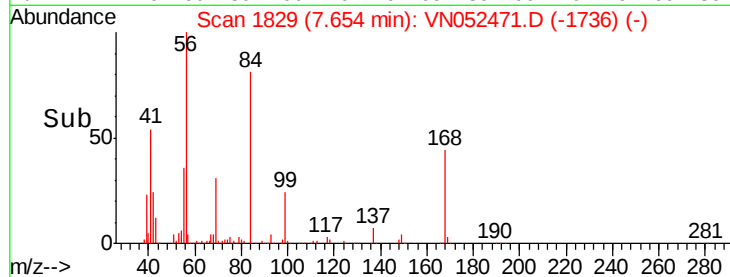
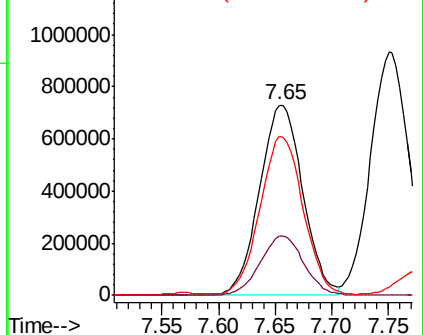
#31
Cyclohexane
Concen: 85.295 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 1939566
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.6
84 82.0 65.3 97.9

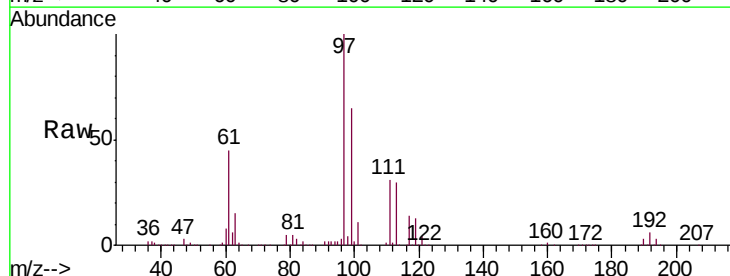


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

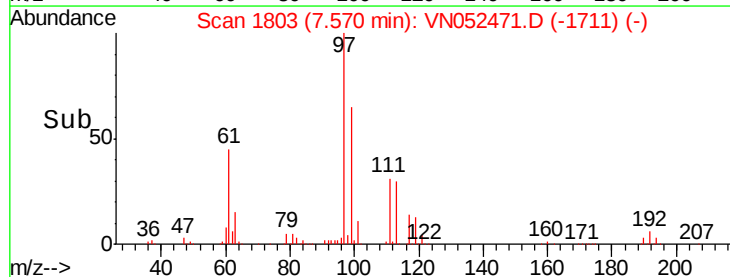
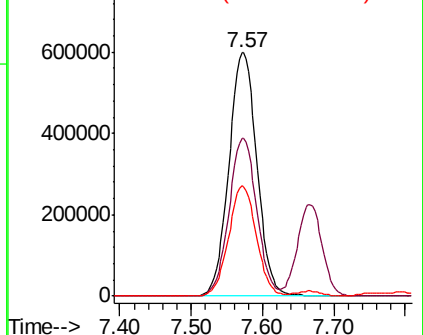


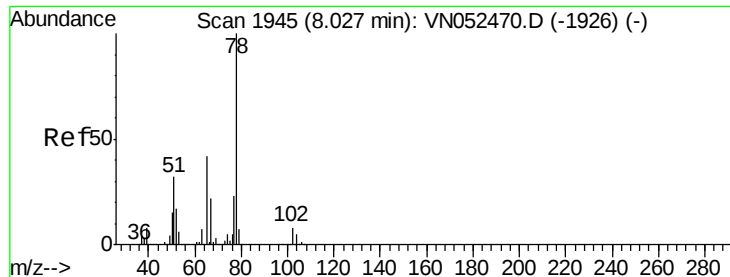
#32
1,1,1-Trichloroethane
Concen: 101.804 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 97 Resp: 1635637
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 45.0 36.8 55.2



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

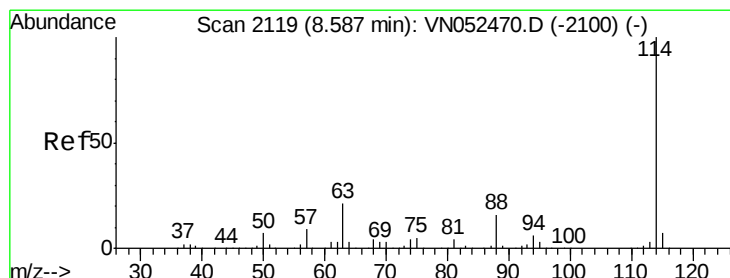
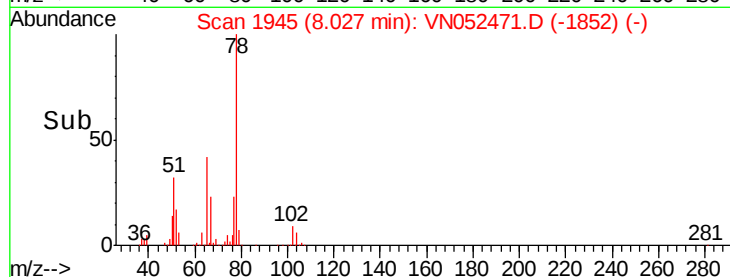
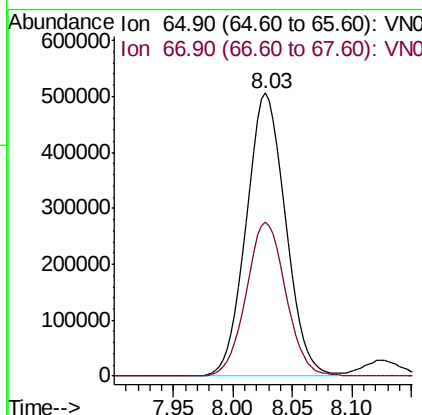
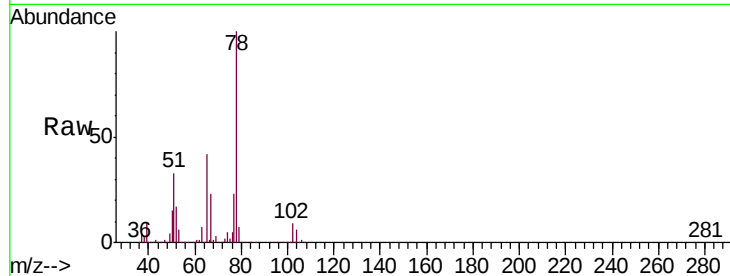




#33
 1,2-Dichloroethane-d4
 Concen: 101.804 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

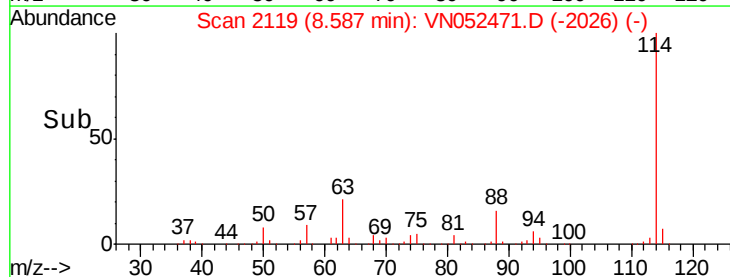
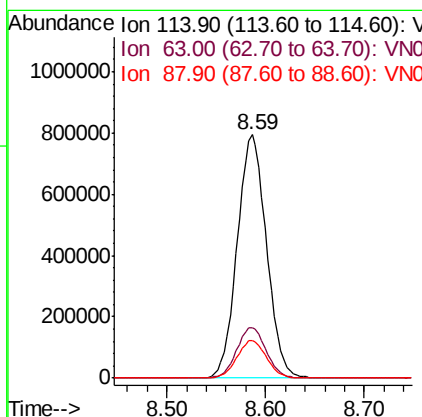
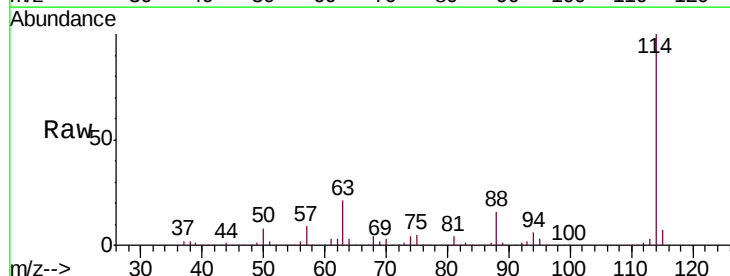
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

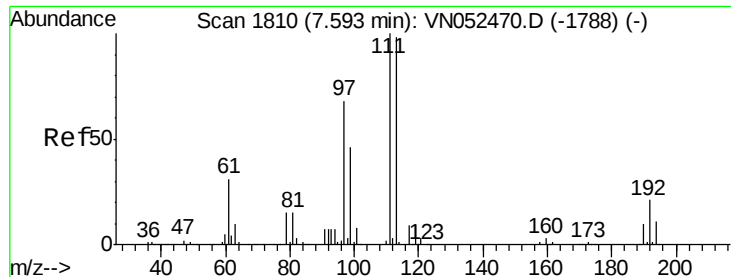
Tgt Ion: 65 Resp: 1161418
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

Tgt Ion: 114 Resp: 1630902
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.8
 88 15.6 0.0 31.6

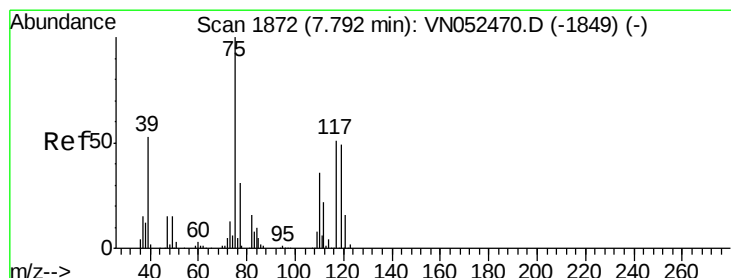
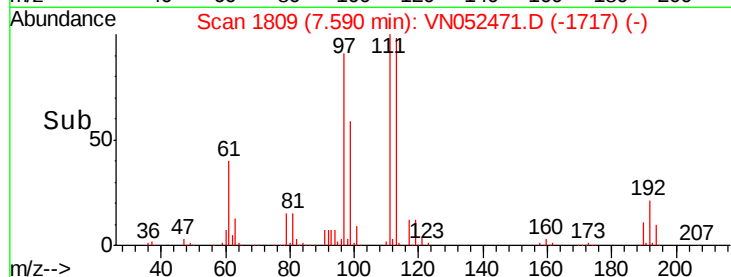
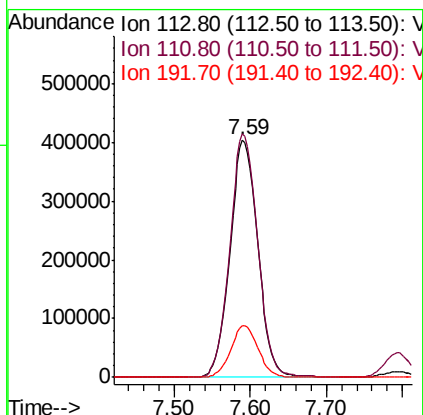
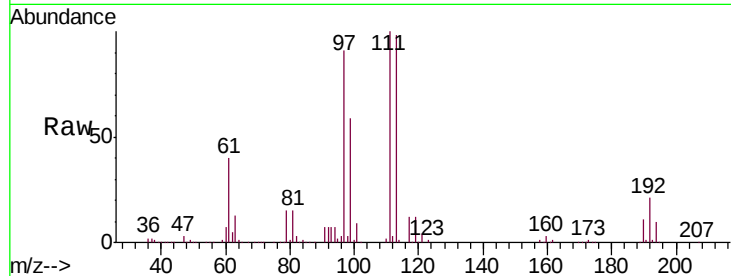




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

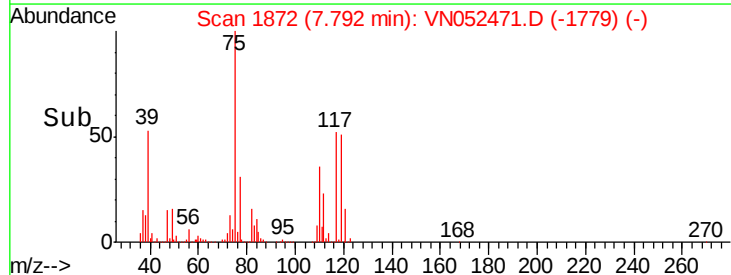
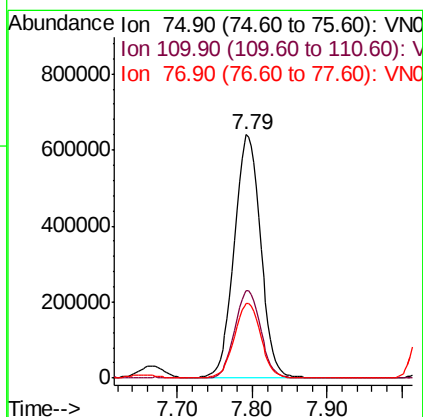
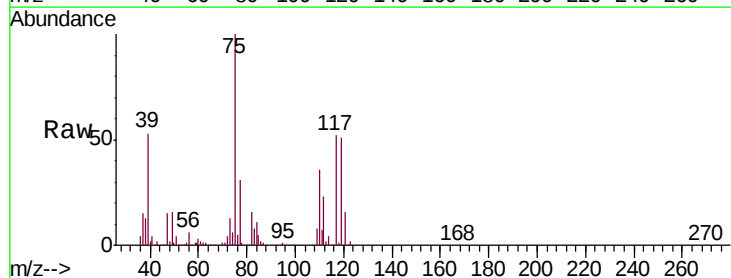
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

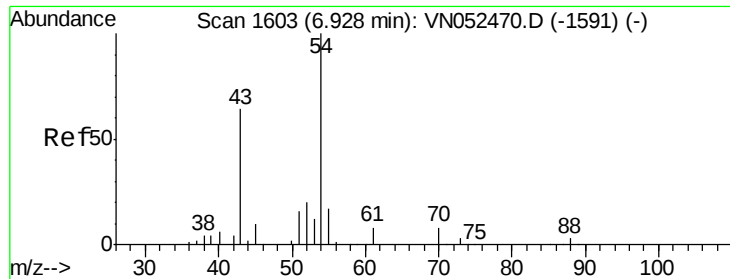
Tgt Ion:113 Resp: 1028761
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 101.966 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 75 Resp: 1570382
Ion Ratio Lower Upper
75 100
110 35.5 17.5 52.6
77 30.8 24.5 36.7

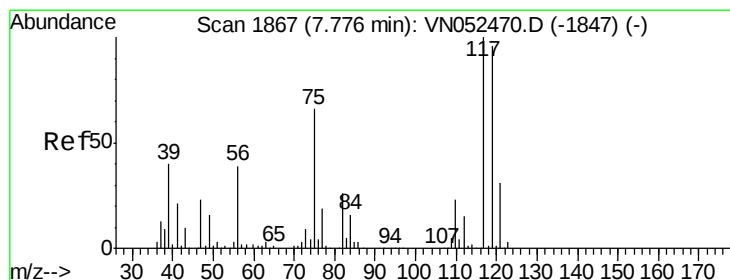
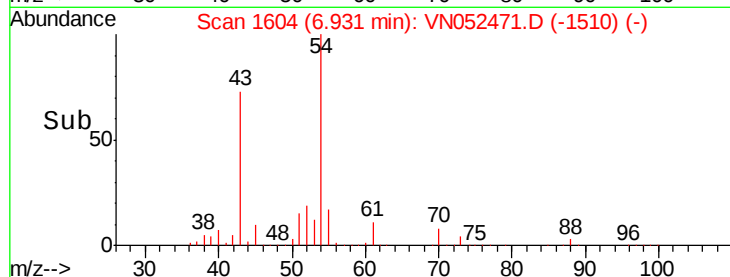
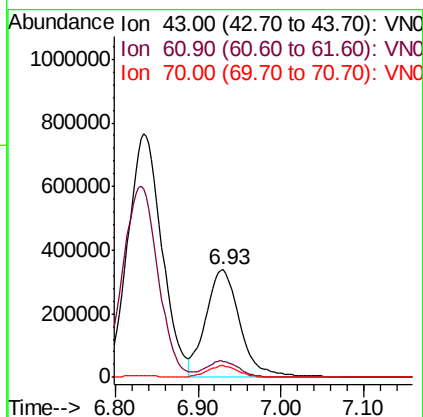
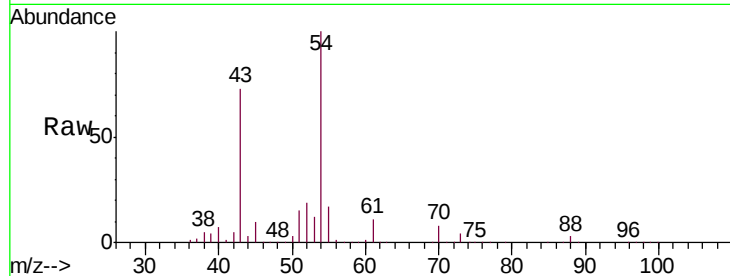




#37
Ethyl Acetate
Concen: 102.393 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

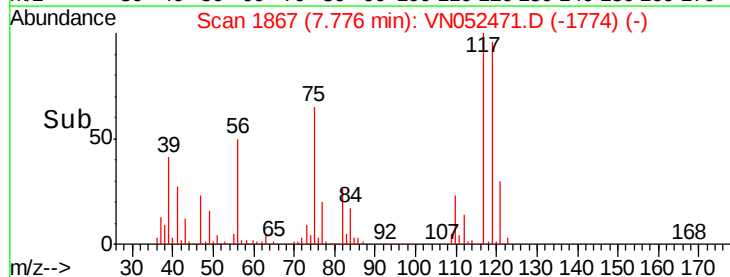
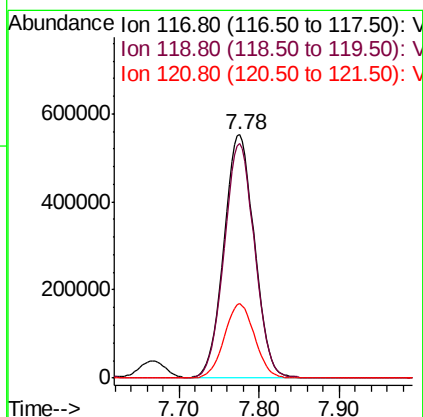
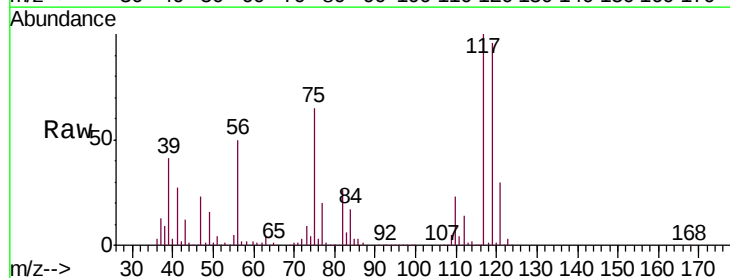
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

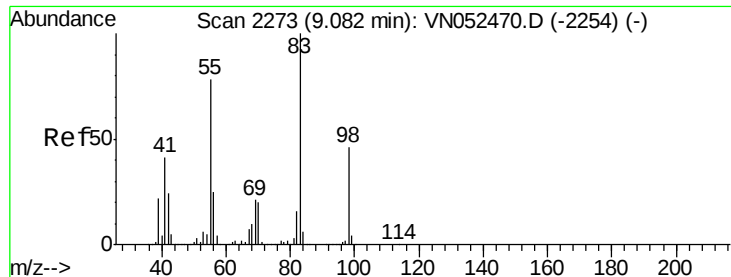
Tgt Ion: 43 Resp: 962402
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 102.830 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 117 Resp: 1433661
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2
121 30.4 24.9 37.3

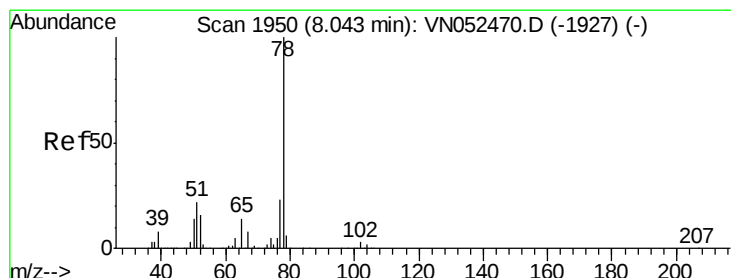
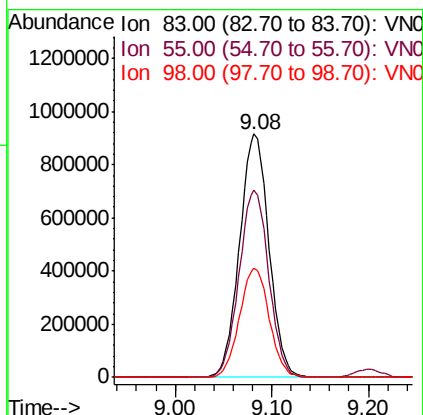
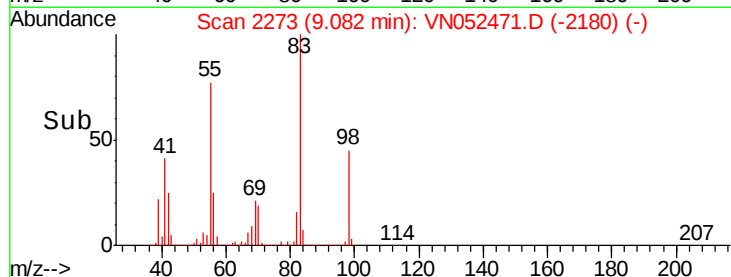
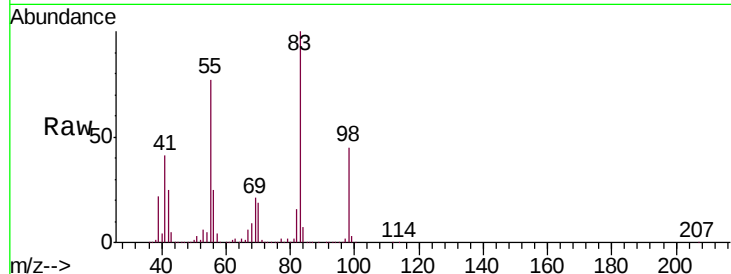




#39
Methylcyclohexane
Concen: 103.200 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

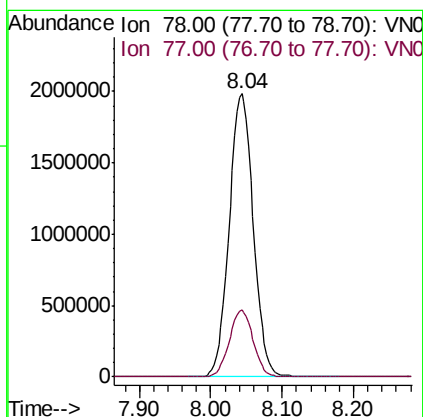
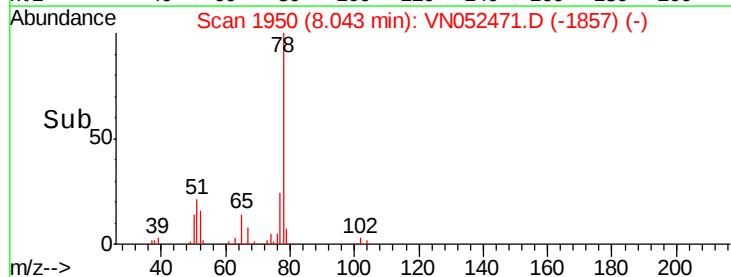
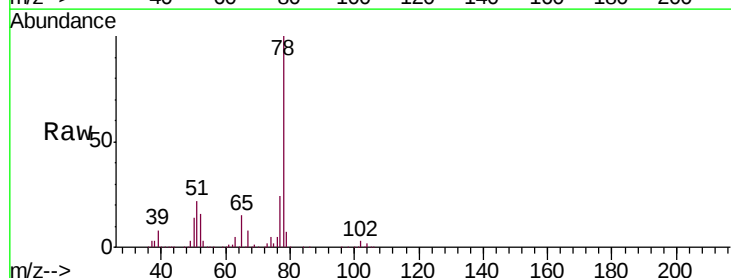
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

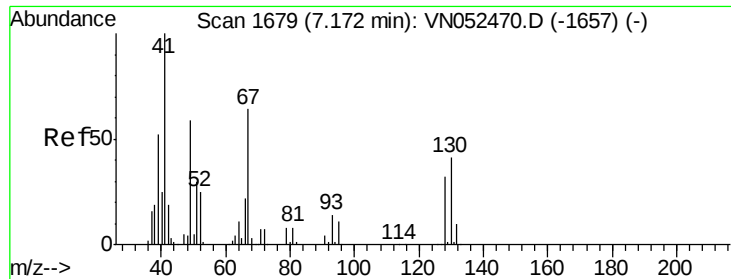
Tgt Ion: 83 Resp: 1931839
Ion Ratio Lower Upper
83 100
55 77.0 62.2 93.2
98 44.8 36.4 54.6



#40
Benzene
Concen: 101.773 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 78 Resp: 4671181
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

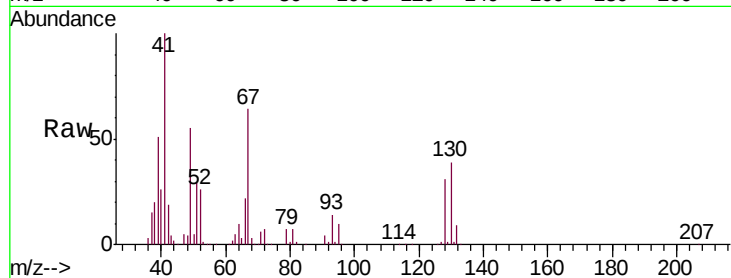




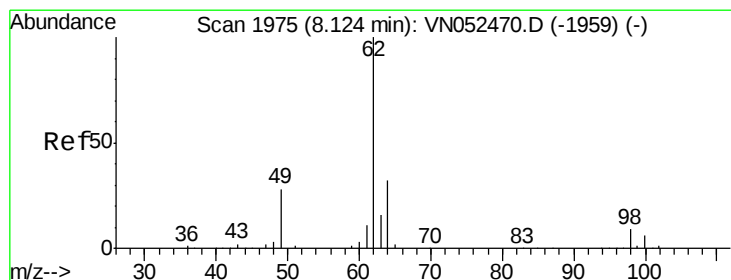
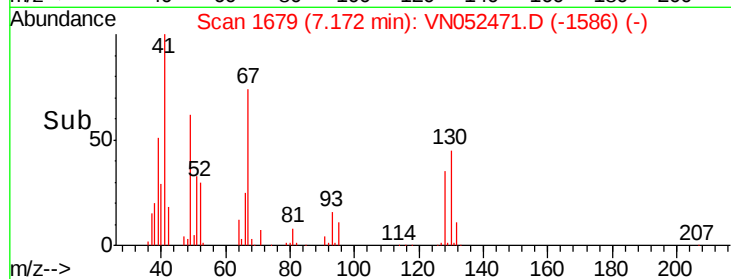
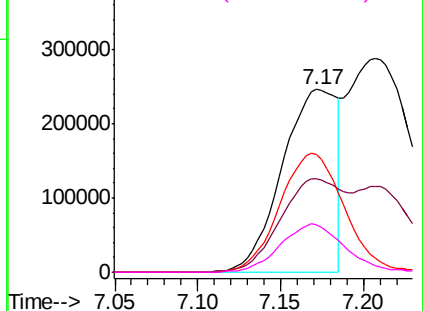
#41
Methacrylonitrile
Concen: 109.448 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 562409
Ion Ratio Lower Upper
41 100
39 59.1 50.9 76.3
67 78.2 63.6 95.4
52 30.9 24.4 36.6

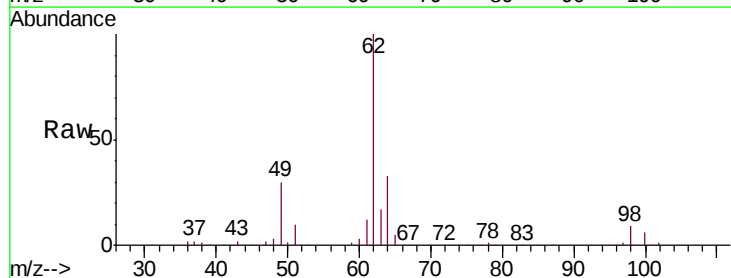


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

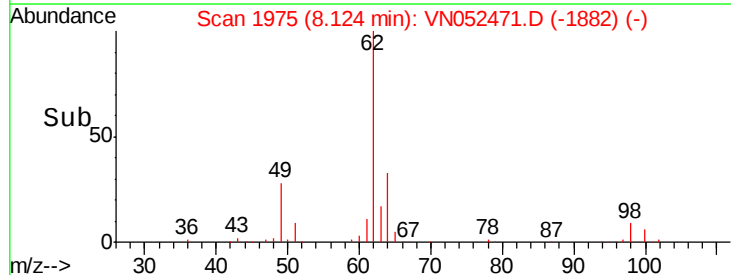
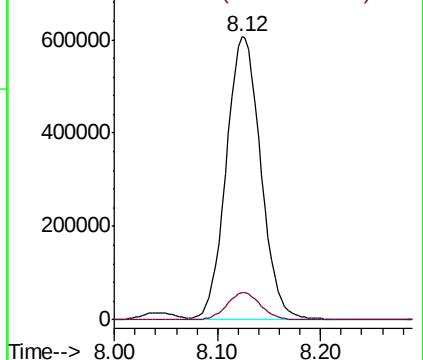


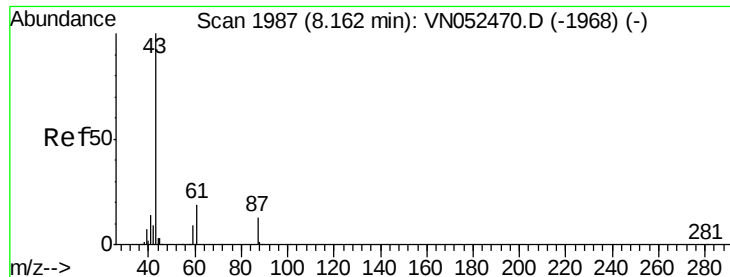
#42
1,2-Dichloroethane
Concen: 101.385 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 62 Resp: 1408987
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 107.719 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

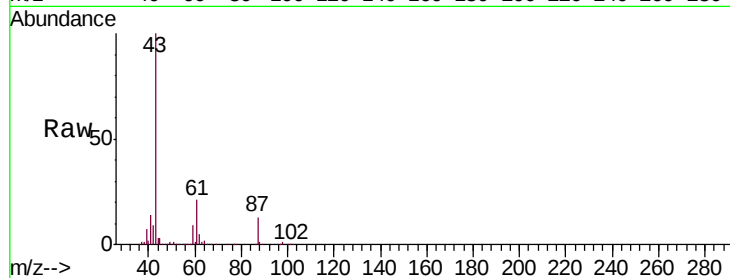
Tgt Ion: 43 Resp: 1713393

Ion Ratio Lower Upper

43 100

61 29.3 24.1 36.1

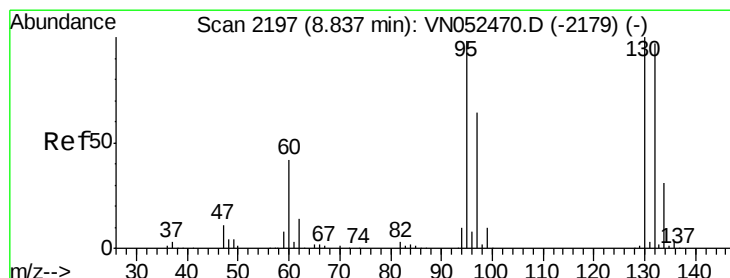
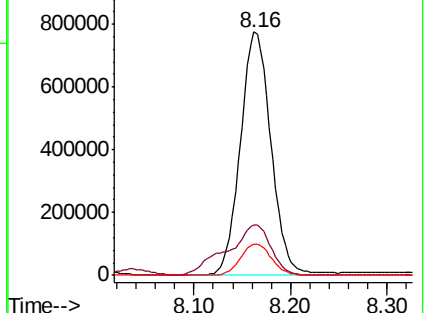
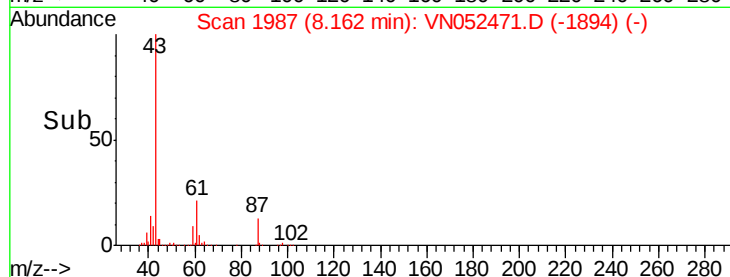
87 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052471.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052471.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052471.D (-1894) (-)



#44

Trichloroethene

Concen: 101.599 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052471.D

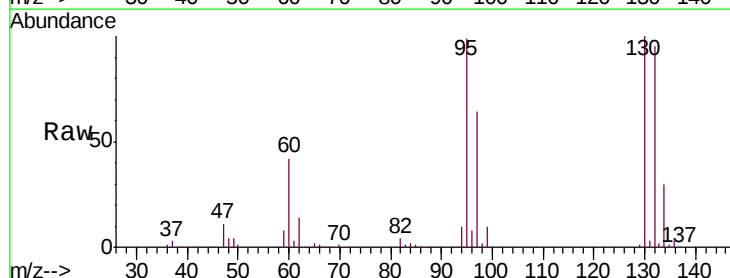
Acq: 27 Nov 2018 10:58

Tgt Ion: 130 Resp: 1194472

Ion Ratio Lower Upper

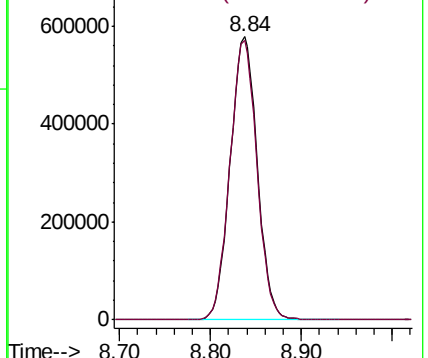
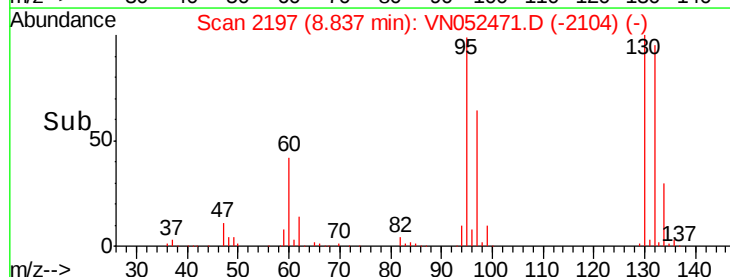
130 100

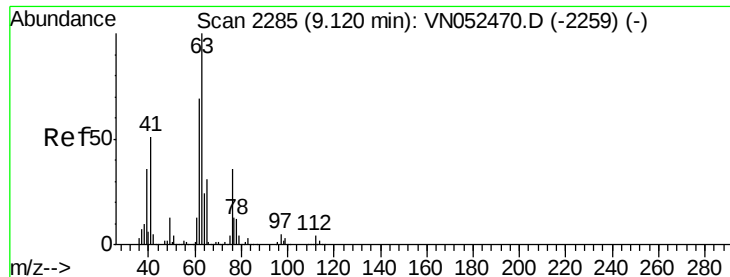
95 98.7 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN052471.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN052471.D (-2104) (-)

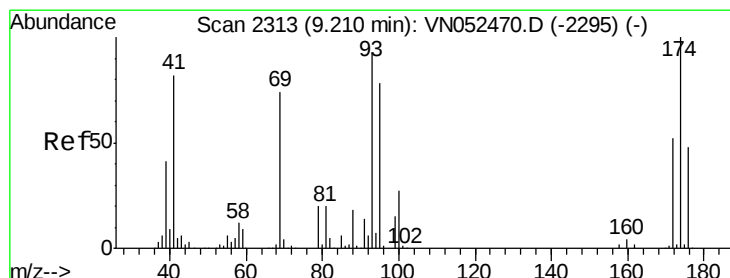
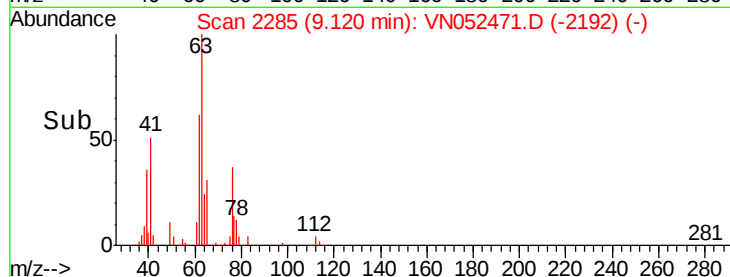
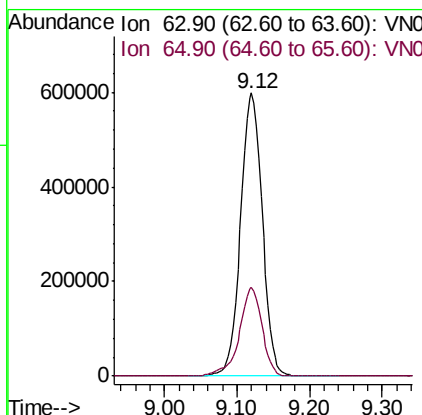
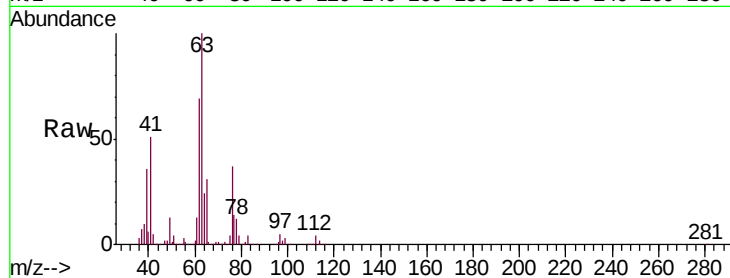




#45
 1,2-Dichloropropane
 Concen: 102.383 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

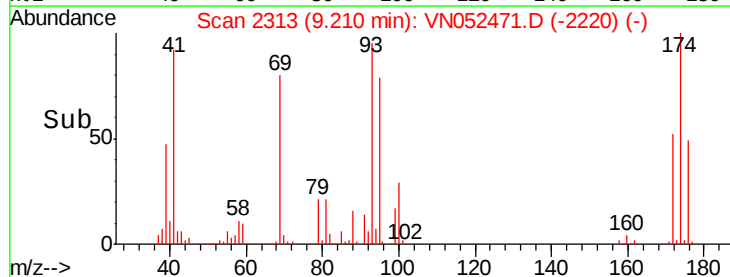
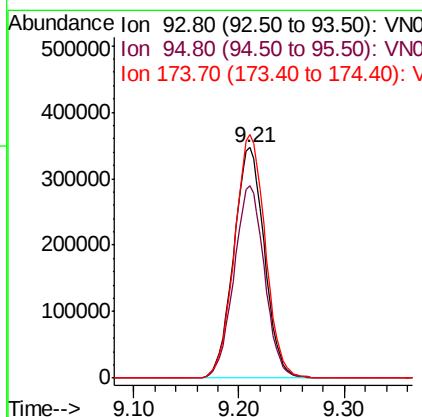
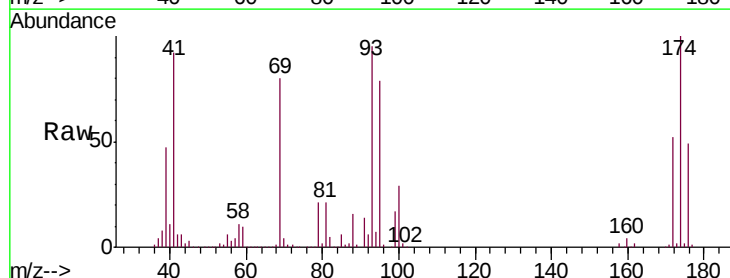
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

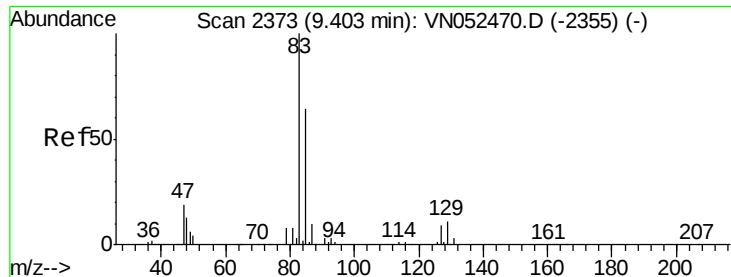
Tgt Ion: 63 Resp: 1249330
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 103.724 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

Tgt Ion: 93 Resp: 700673
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.1 100.7
 174 105.9 85.8 128.8





#47

Bromodichloromethane

Concen: 103.371 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

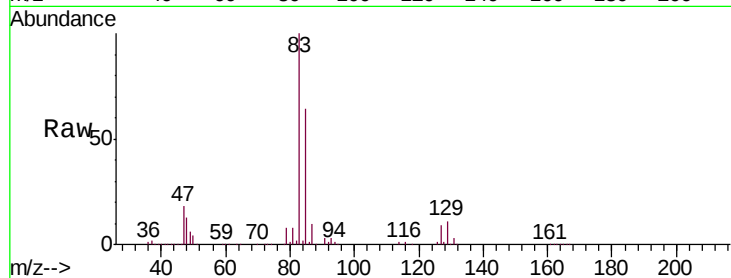
Tgt Ion: 83 Resp: 1518196

Ion Ratio Lower Upper

83 100

85 64.1 51.3 76.9

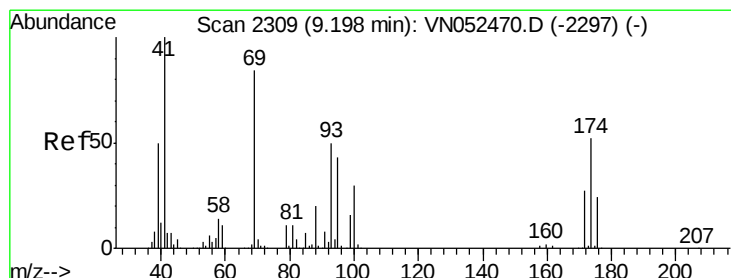
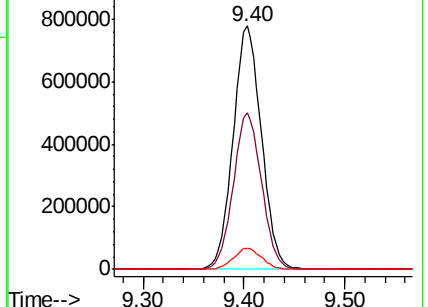
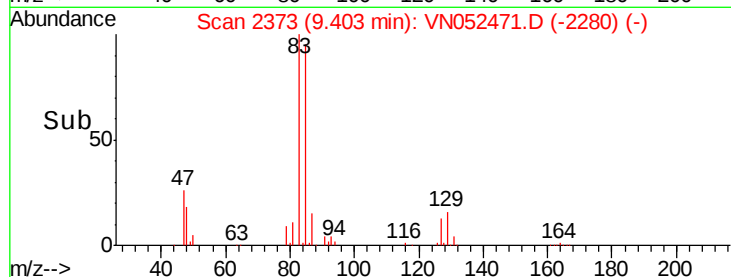
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN052471.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052471.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052471.D (-2280) (-)



#48

Methyl methacrylate

Concen: 106.383 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

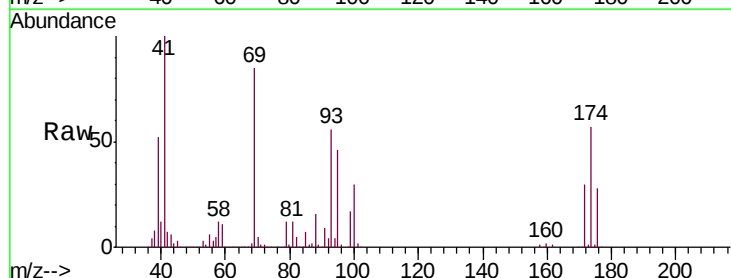
Tgt Ion: 41 Resp: 882335

Ion Ratio Lower Upper

41 100

69 87.9 70.0 105.0

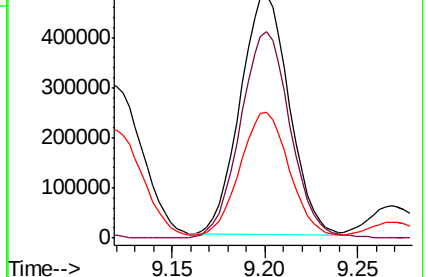
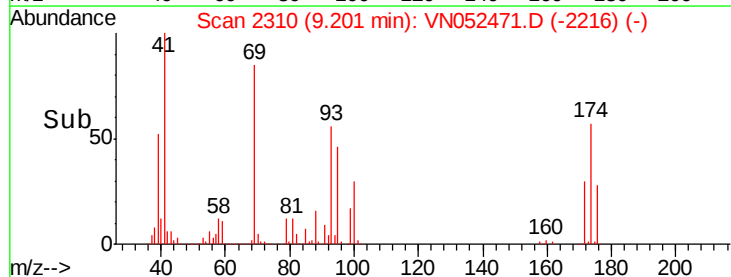
39 53.6 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VN052471.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052471.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052471.D (-2216) (-)

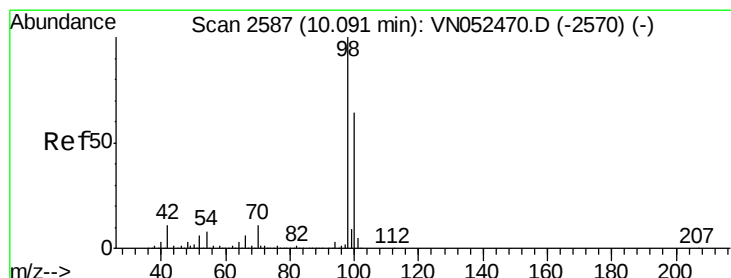
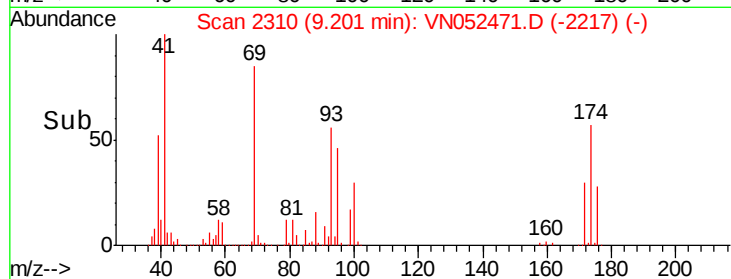
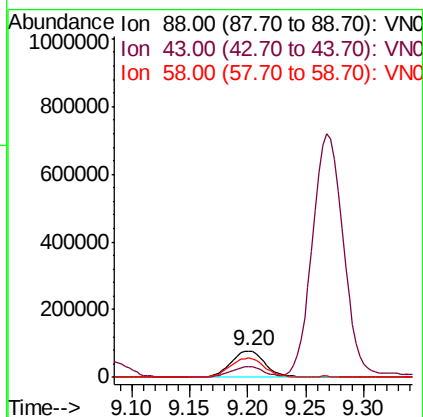
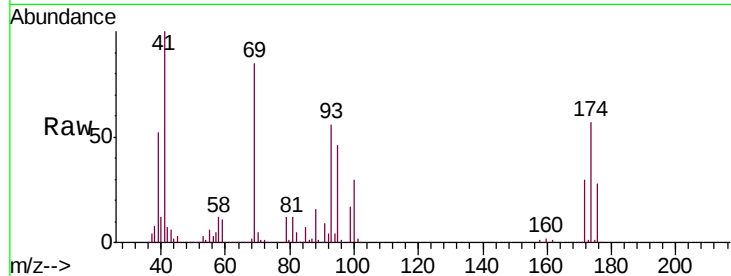




#49
1,4-Dioxane
Concen: 1868.409 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

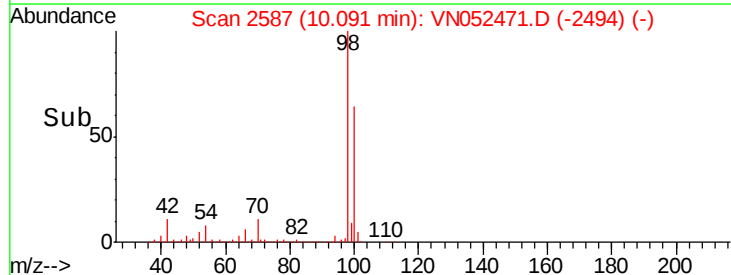
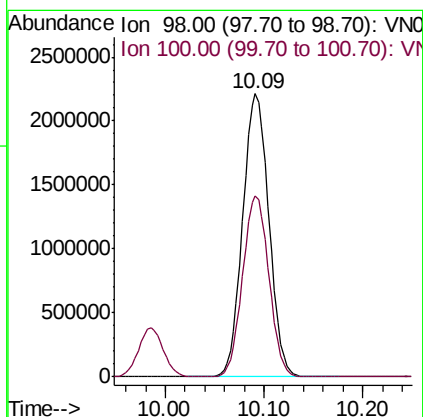
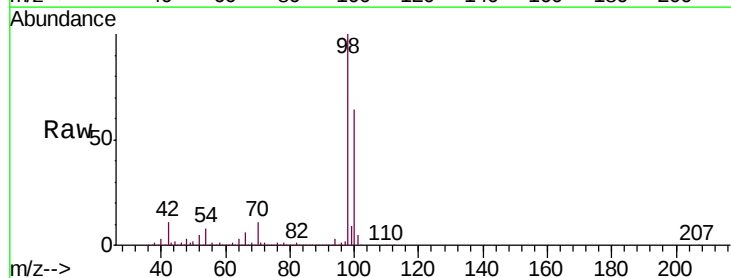
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

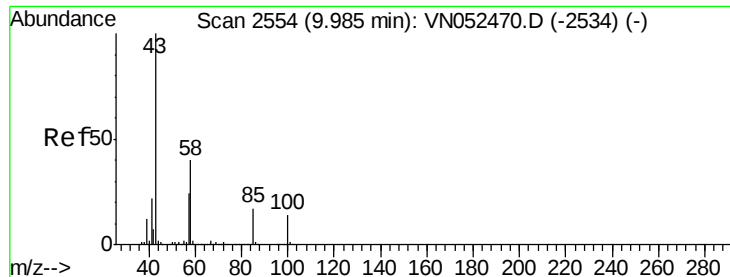
Tgt Ion: 88 Resp: 160827
Ion Ratio Lower Upper
88 100
43 36.6 26.4 39.6
58 72.9 55.4 83.0



#50
Toluene-d8
Concen: 1868.409 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052471.D
Acq: 27 Nov 2018 10:58

Tgt Ion: 98 Resp: 4060383
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 532.996 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampleId :

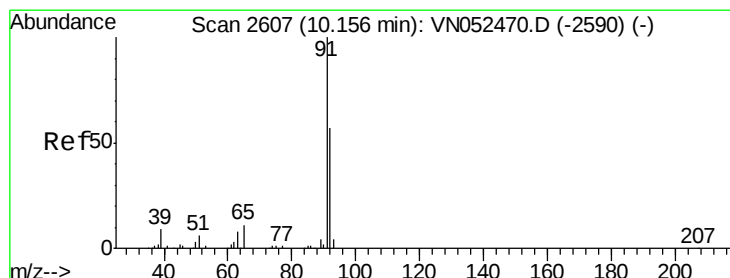
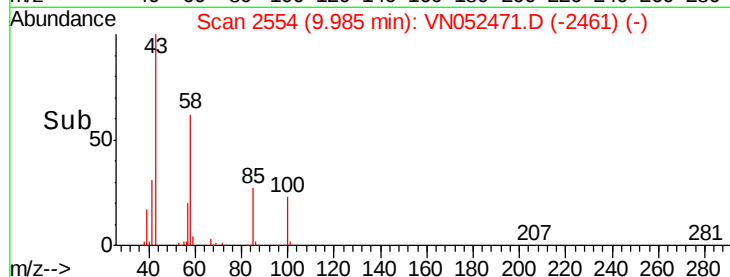
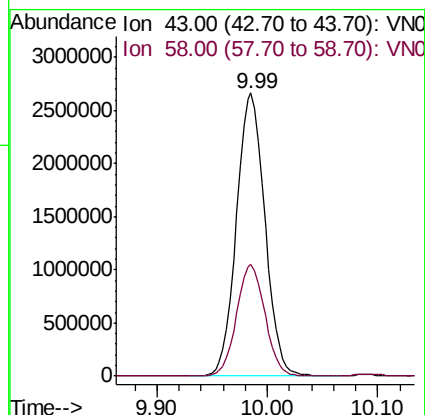
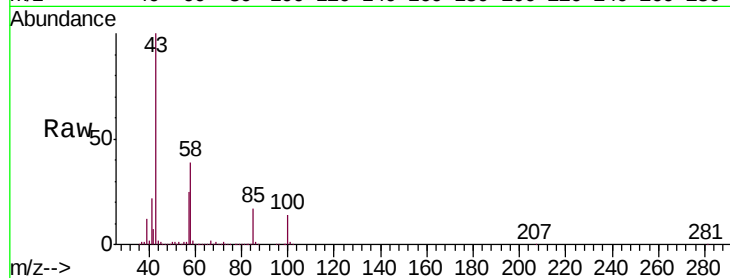
VSTDIC100

Tgt Ion: 43 Resp: 4756719

Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3



#52

Toluene

Concen: 104.628 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052471.D

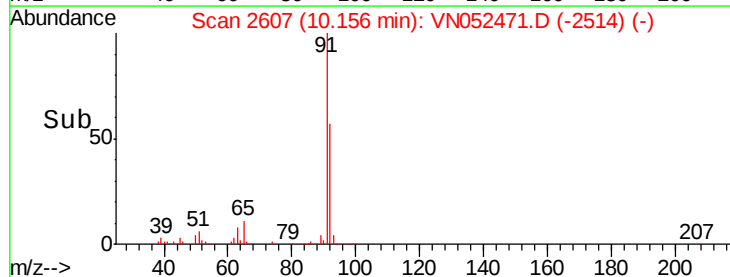
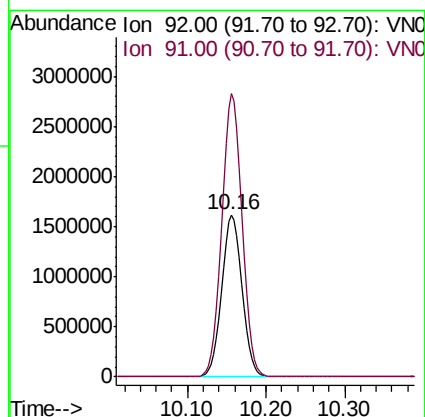
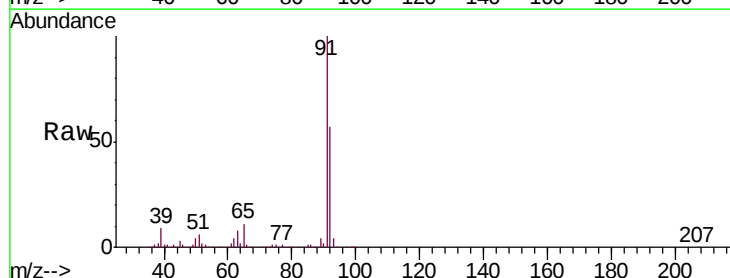
Acq: 27 Nov 2018 10:58

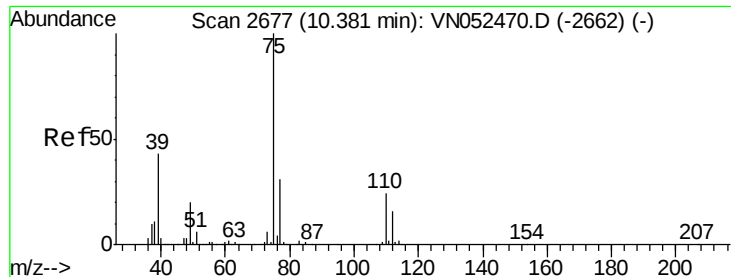
Tgt Ion: 92 Resp: 2853209

Ion Ratio Lower Upper

92 100

91 175.2 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 112.056 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

Instrument :

MSVOA_N

ClientSampled :

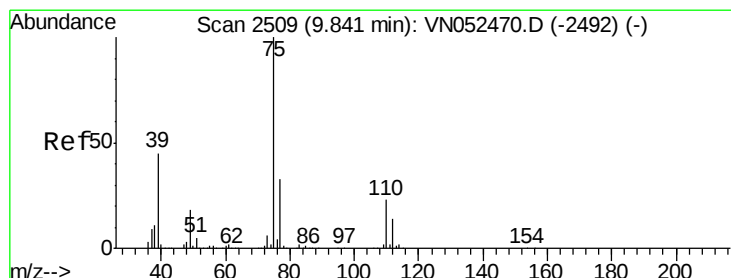
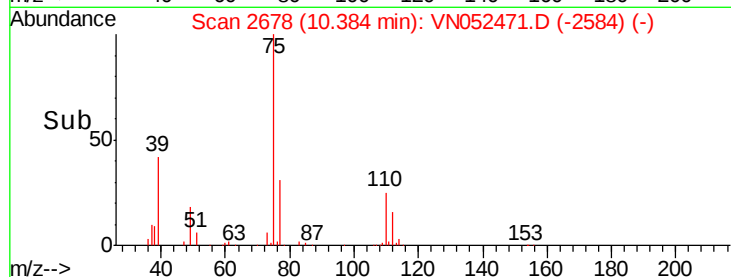
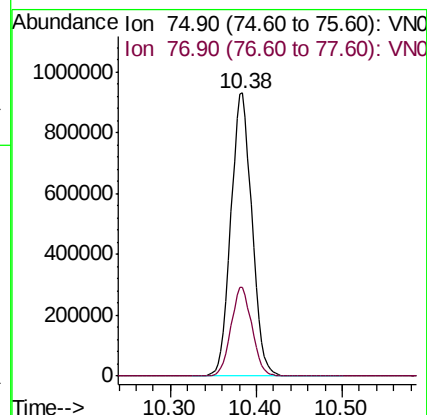
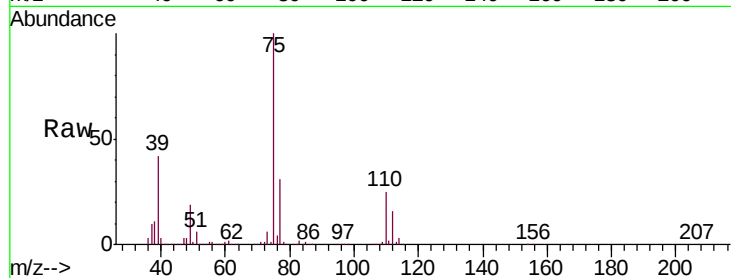
VSTDIC100

Tgt Ion: 75 Resp: 1583266

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 108.814 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052471.D

Acq: 27 Nov 2018 10:58

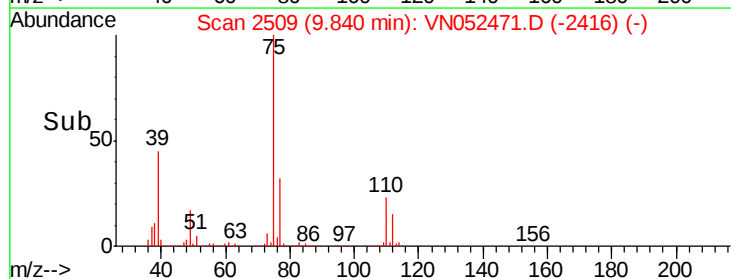
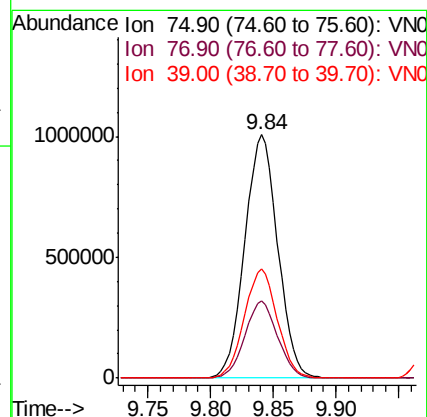
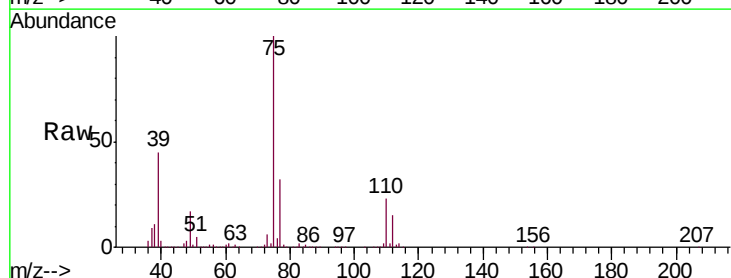
Tgt Ion: 75 Resp: 1842438

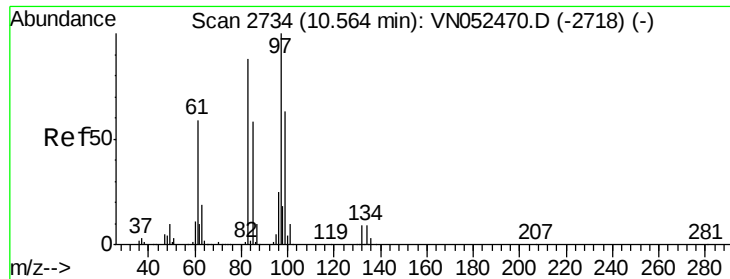
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

39 44.8 36.0 54.0

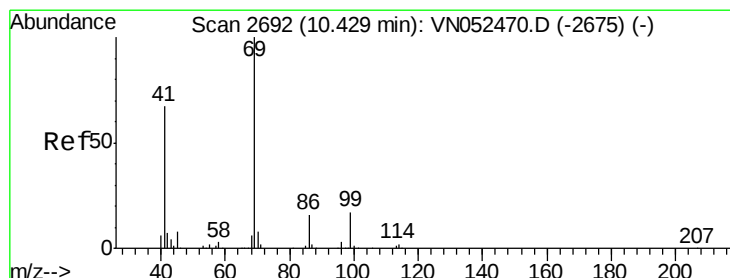
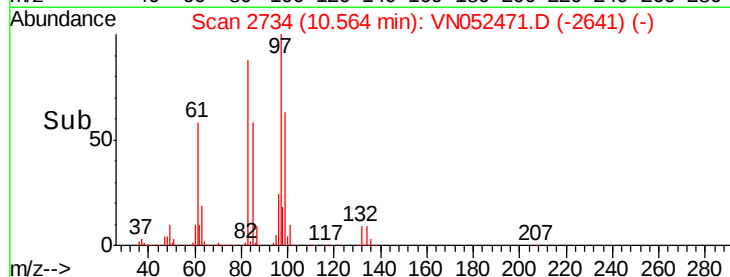
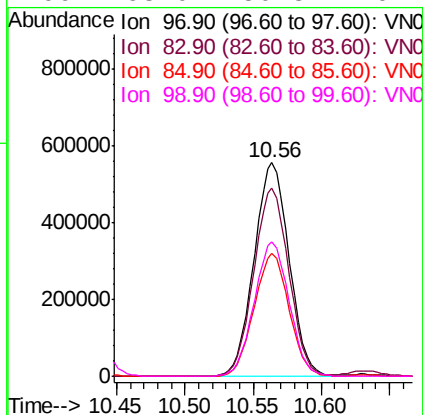
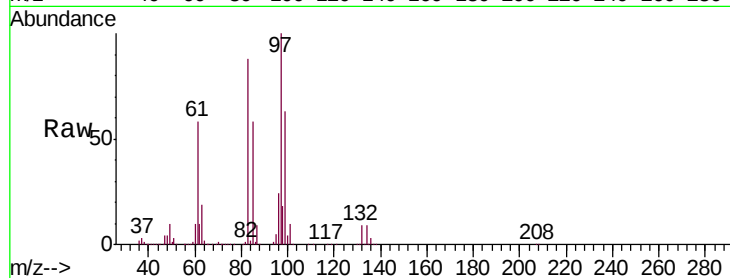




#55
 1,1,2-Trichloroethane
 Concen: 103.512 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 992924
 Ion Ratio Lower Upper
 97 100
 83 88.2 70.7 106.1
 85 57.5 46.1 69.1
 99 63.0 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 113.603 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052471.D
 Acq: 27 Nov 2018 10:58

Tgt Ion: 69 Resp: 1341113
 Ion Ratio Lower Upper
 69 100
 41 65.6 52.6 79.0
 39 31.5 25.9 38.9

