

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064701.D
 Acq On : 18 Nov 2020 12:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 18 13:47:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	283454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198237	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	28063	5.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.36%	
35) Dibromofluoromethane	7.54	113	16294	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
50) Toluene-d8	10.06	98	66503	5.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.06%	
62) 4-Bromofluorobenzene	12.37	95	23026	4.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	17574	4.870	ug/l 96
3) Chloromethane	2.04	50	18218	4.198	ug/l 94
4) Vinyl Chloride	2.17	62	20025	4.481	ug/l 99
5) Bromomethane	2.54	94	15192	5.229	ug/l 92
6) Chloroethane	2.68	64	14123	4.871	ug/l 90
7) Trichlorofluoromethane	2.99	101	37210	5.479	ug/l 99
8) Diethyl Ether	3.37	74	11212	4.735	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	16299	5.114	ug/l # 75
10) Methyl Iodide	3.91	142	15760	4.250	ug/l # 97
11) Tert butyl alcohol	4.73	59	5674	10.838	ug/l # 87
12) 1,1-Dichloroethene	3.70	96	14471	4.826	ug/l 87
13) Acrolein	3.57	56	2592	8.774	ug/l 87
14) Allyl chloride	4.27	41	26505	4.601	ug/l 95
15) Acrylonitrile	4.92	53	31676	21.511	ug/l # 78
16) Acetone	3.77	43	26582	15.278	ug/l 98
17) Carbon Disulfide	4.01	76	45408	5.093	ug/l 98
18) Methyl Acetate	4.28	43	16654	4.559	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	43575	4.059	ug/l 99
20) Methylene Chloride	4.51	84	18174	4.918	ug/l 90
21) trans-1,2-Dichloroethene	4.99	96	15189	4.475	ug/l 95
22) Diisopropyl ether	5.90	45	48253	3.951	ug/l # 92
23) Vinyl Acetate	5.84	43	190640	19.273	ug/l 99
24) 1,1-Dichloroethane	5.79	63	32143	4.744	ug/l 97
25) 2-Butanone	6.78	43	41528	18.226	ug/l 97
26) 2,2-Dichloropropane	6.77	77	28692	4.629	ug/l 98
27) cis-1,2-Dichloroethene	6.77	96	17550	4.481	ug/l 90
28) Bromochloromethane	7.15	49	16409	4.792	ug/l 99
29) Tetrahydrofuran	7.17	42	25253	17.674	ug/l # 82
30) Chloroform	7.32	83	32360	4.520	ug/l 97
31) Cyclohexane	7.61	56	29537	5.097	ug/l # 80
32) 1,1,1-Trichloroethane	7.52	97	30061	4.713	ug/l 98
36) 1,1-Dichloropropene	7.75	75	23938	4.579	ug/l 99
37) Ethyl Acetate	6.88	43	19488	4.238	ug/l # 88
38) Carbon Tetrachloride	7.73	117	25682	4.563	ug/l 95

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 Data File : VN064701.D
 Acq On : 18 Nov 2020 12:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 18 13:47:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	20091	4.307	ug/l	96
40) Benzene	8.00	78	68798	4.486	ug/l	97
41) Methacrylonitrile	7.12	41	8707	3.744	ug/l	92
42) 1,2-Dichloroethane	8.08	62	29093	4.669	ug/l	99
43) Isopropyl Acetate	8.12	43	38844	4.600	ug/l	95
44) Trichloroethene	8.80	130	20030	5.118	ug/l	99
45) 1,2-Dichloropropane	9.08	63	17263	4.230	ug/l	95
46) Dibromomethane	9.17	93	13254	4.856	ug/l	95
47) Bromodichloromethane	9.37	83	26429	4.528	ug/l	97
48) Methyl methacrylate	9.16	41	16650	3.917	ug/l	97
49) 1,4-Dioxane	9.16	88	3917	70.965	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	94241	19.245	ug/l	98
52) Toluene	10.12	92	37785	4.034	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	27297	4.433	ug/l	92
54) cis-1,3-Dichloropropene	9.81	75	28213	4.307	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	16356	4.455	ug/l	98
56) Ethyl methacrylate	10.40	69	19151	3.618	ug/l	93
57) 1,3-Dichloropropane	10.68	76	28049	4.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	49421	18.525	ug/l	97
59) 2-Hexanone	10.72	43	65297	18.452	ug/l	99
60) Dibromochloromethane	10.87	129	18624	4.533	ug/l	96
61) 1,2-Dibromoethane	10.97	107	17211	4.615	ug/l	97
64) Tetrachloroethene	10.60	164	20780	5.794	ug/l	92
65) Chlorobenzene	11.40	112	44720	4.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	17716	4.803	ug/l	91
67) Ethyl Benzene	11.48	91	74683	4.261	ug/l	97
68) m/p-Xylenes	11.59	106	51386	8.059	ug/l	98
69) o-Xylene	11.92	106	25095	4.078	ug/l	98
70) Styrene	11.93	104	40069	3.863	ug/l	98
71) Bromoform	12.10	173	10410	4.190	ug/l #	99
73) Isopropylbenzene	12.22	105	63008	4.106	ug/l	97
74) N-amyl acetate	12.04	43	28757	4.292	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.47	83	18059	3.865	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	29217	6.239	ug/l #	100
77) Bromobenzene	12.50	156	16409	4.349	ug/l	97
78) n-propylbenzene	12.56	91	75112	4.285	ug/l	94
79) 2-Chlorotoluene	12.65	91	47401	4.245	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	51041	4.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	5728	3.435	ug/l #	80
82) 4-Chlorotoluene	12.74	91	50125	4.290	ug/l	96
83) tert-Butylbenzene	12.96	119	39359	3.957	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	49781	3.903	ug/l	100
85) sec-Butylbenzene	13.14	105	53698	4.260	ug/l	100
86) p-Isopropyltoluene	13.26	119	47525	4.179	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	28721	4.390	ug/l	92
88) 1,4-Dichlorobenzene	13.33	146	30643	4.530	ug/l	93
89) n-Butylbenzene	13.59	91	44434	4.515	ug/l	99
90) Hexachloroethane	13.85	117	8508	3.964	ug/l	92
91) 1,2-Dichlorobenzene	13.62	146	29275	4.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	4491	4.709	ug/l	97

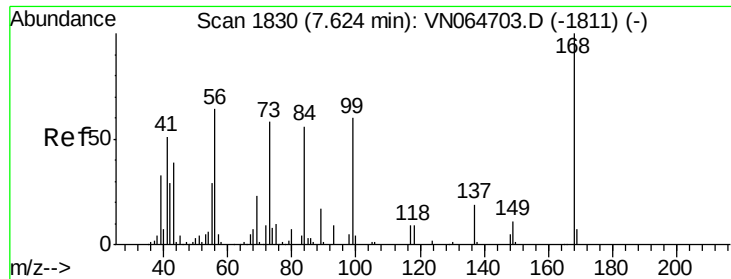
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064701.D
Acq On : 18 Nov 2020 12:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Nov 18 13:47:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 13:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	14497	5.513	ug/l	98
94) Hexachlorobutadiene	14.98	225	7869	6.063	ug/l	98
95) Naphthalene	15.10	128	42411	4.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	13826	5.268	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

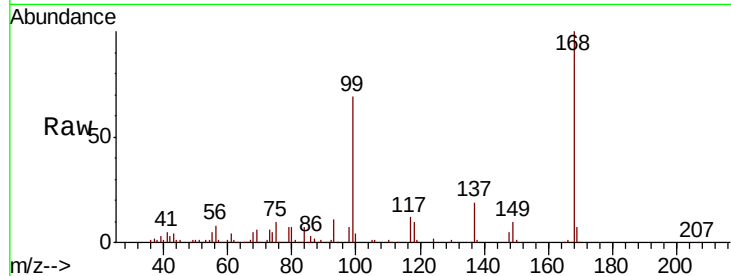
VSTDIC005

Tot Ion:168 Resp: 283454

Ion Ratio Lower Upper

168 100

99 68.5 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

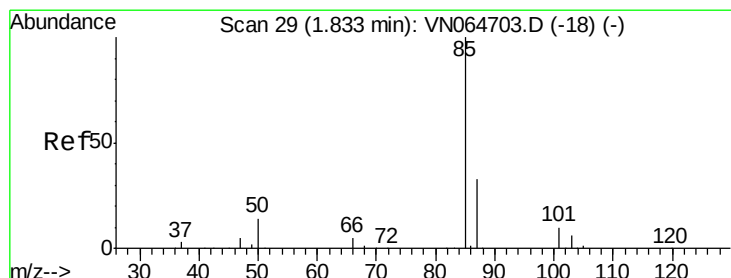
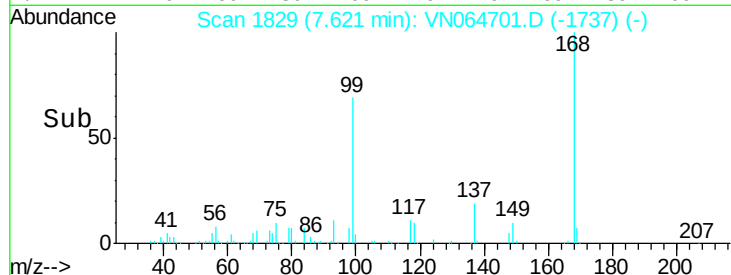
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.870 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064701.D

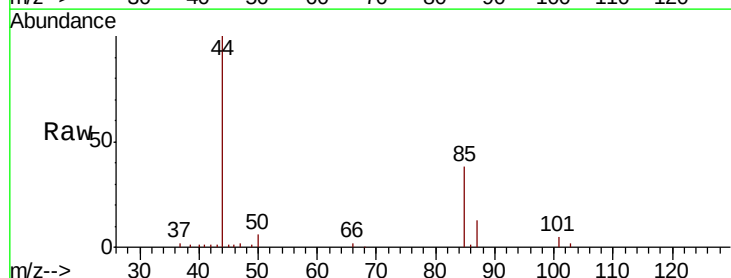
Acq: 18 Nov 2020 12:13

Tgt Ion: 85 Resp: 17574

Ion Ratio Lower Upper

85 100

87 35.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

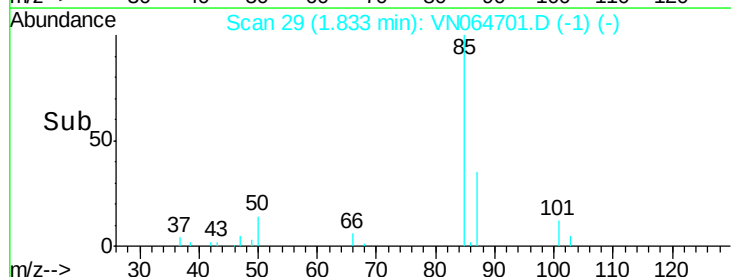
15000

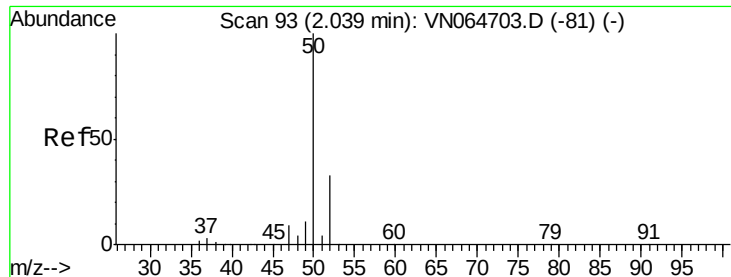
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.198 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

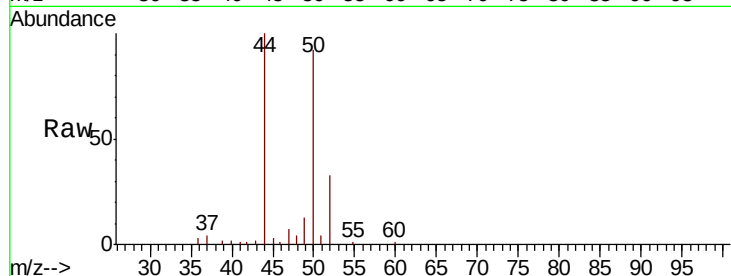
VSTDIC005

Tot Ion: 50 Resp: 18218

Ion Ratio Lower Upper

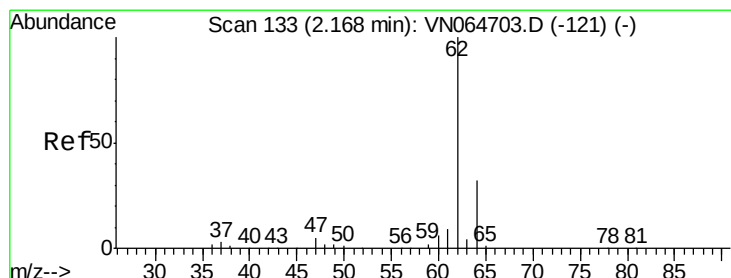
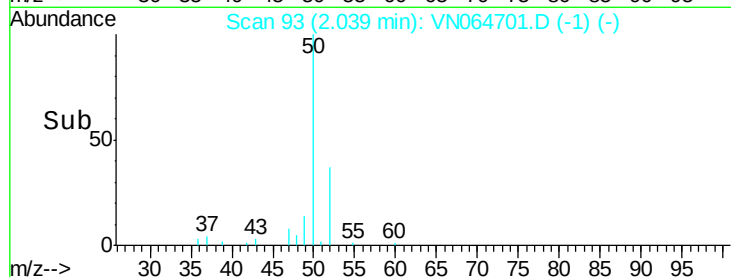
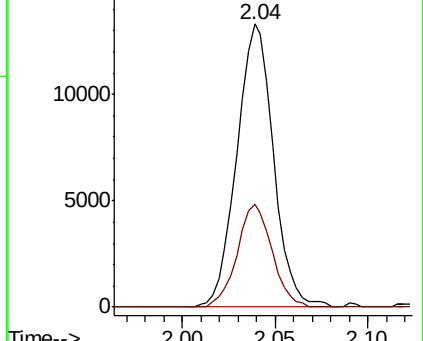
50 100

52 36.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN064701.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN064701.D (-1) (-)



#4

Vinyl Chloride

Concen: 4.481 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064701.D

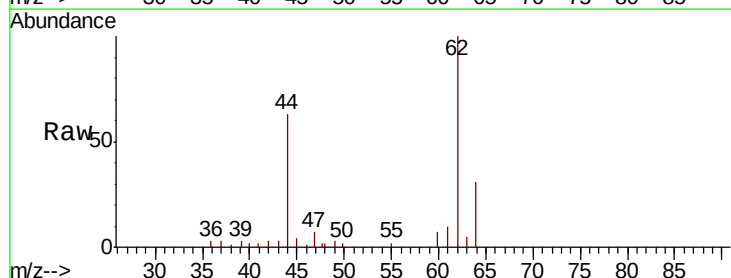
Acq: 18 Nov 2020 12:13

Tgt Ion: 62 Resp: 20025

Ion Ratio Lower Upper

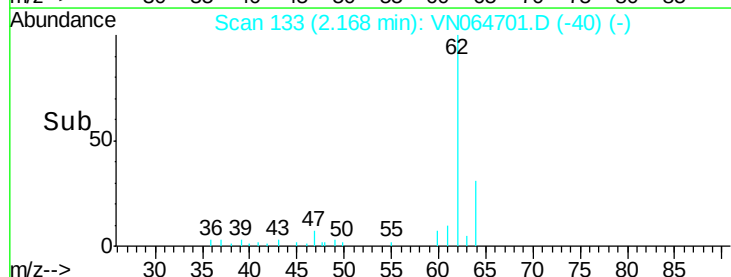
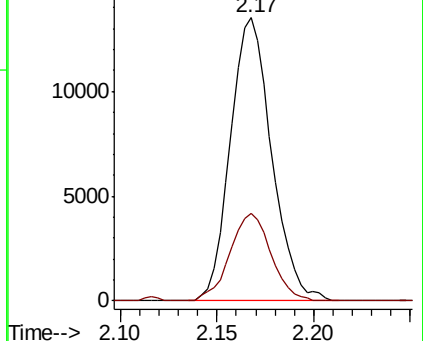
62 100

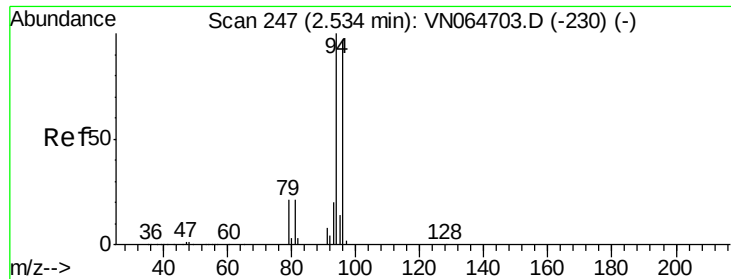
64 30.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN064701.D (-40) (-)

Ion 63.90 (63.60 to 64.60): VN064701.D (-40) (-)





#5

Bromomethane

Concen: 5.229 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

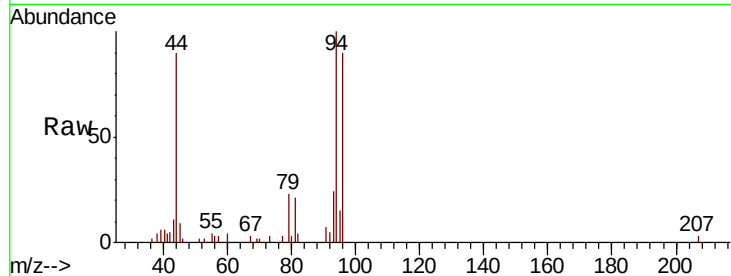
VSTDIC005

Tot Ion: 94 Resp: 15192

Ion Ratio Lower Upper

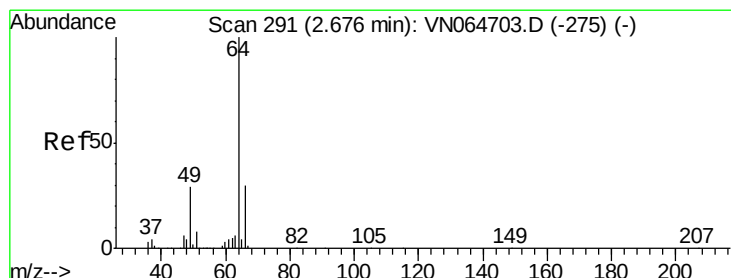
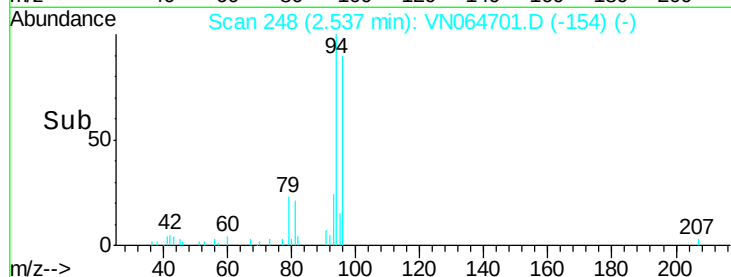
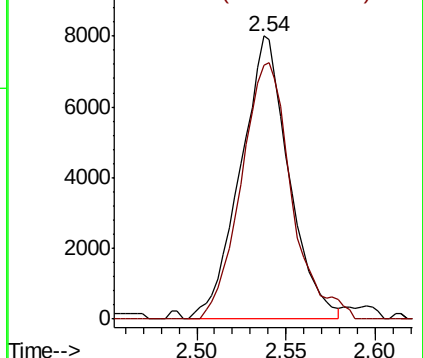
94 100

96 89.8 77.8 116.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.871 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064701.D

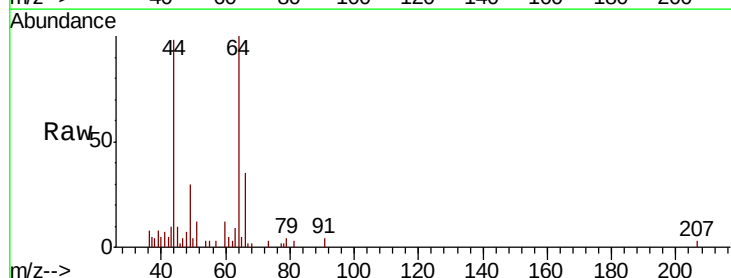
Acq: 18 Nov 2020 12:13

Tgt Ion: 64 Resp: 14123

Ion Ratio Lower Upper

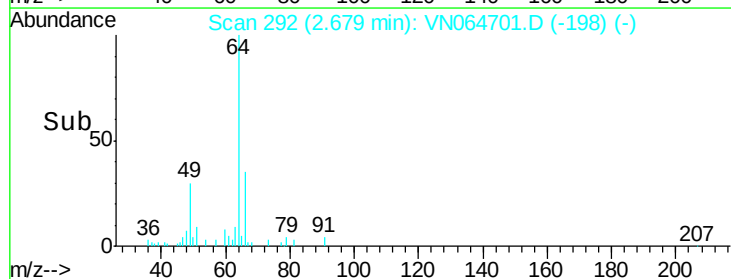
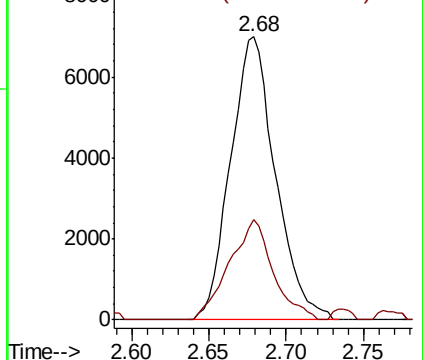
64 100

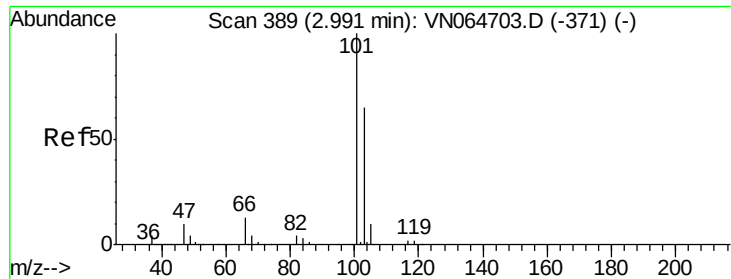
66 35.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 5.479 ug/l

RT: 2.99 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

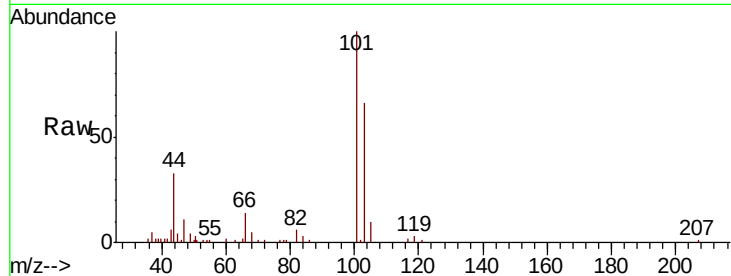
VSTDIC005

Tot Ion:101 Resp: 37210

Ion Ratio Lower Upper

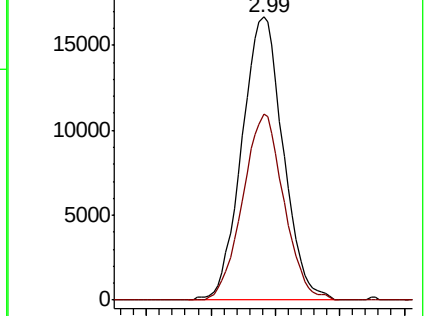
101 100

103 65.6 51.8 77.6

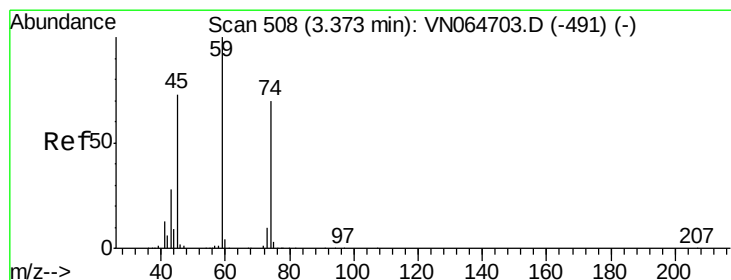
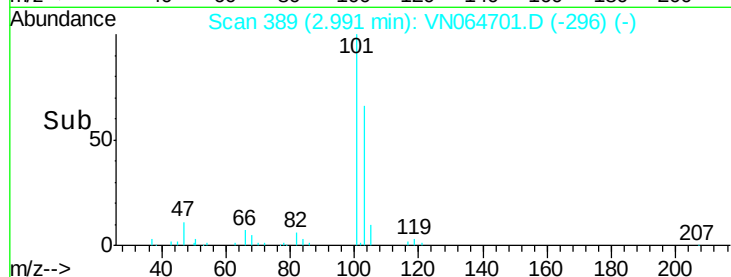


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 4.735 ug/l

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: VN064701.D

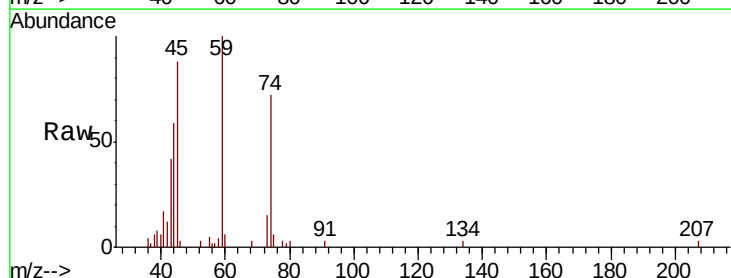
Acq: 18 Nov 2020 12:13

Tgt Ion: 74 Resp: 11212

Ion Ratio Lower Upper

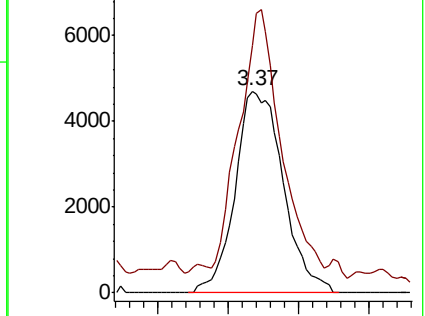
74 100

45 108.1 52.8 158.5

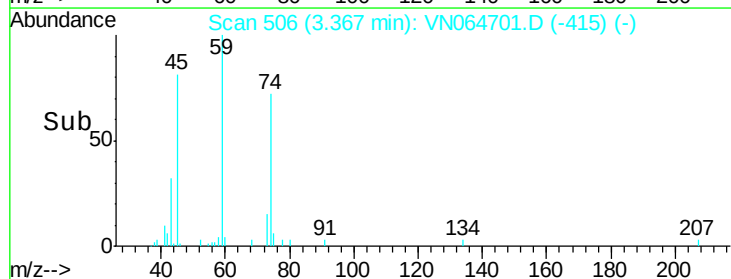


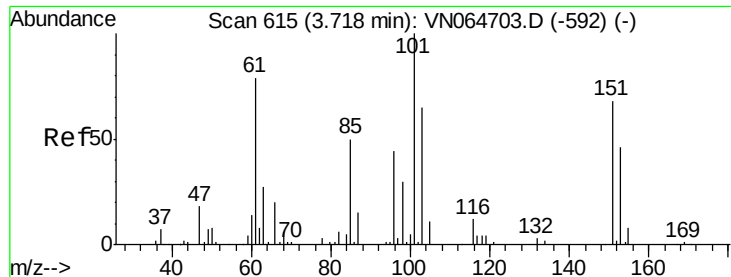
Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.114 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

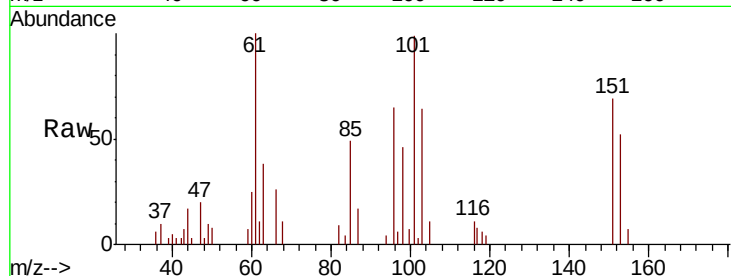
Tot Ion:101 Resp: 16299

Ion Ratio Lower Upper

101 100

85 48.5 39.0 58.4

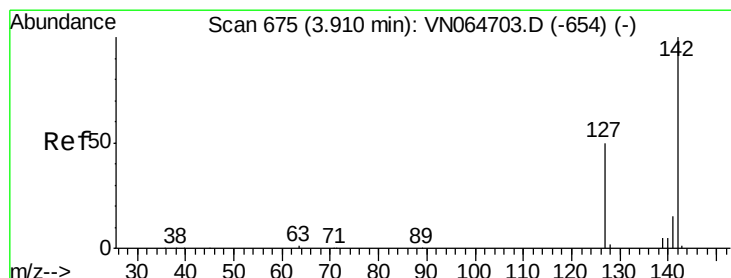
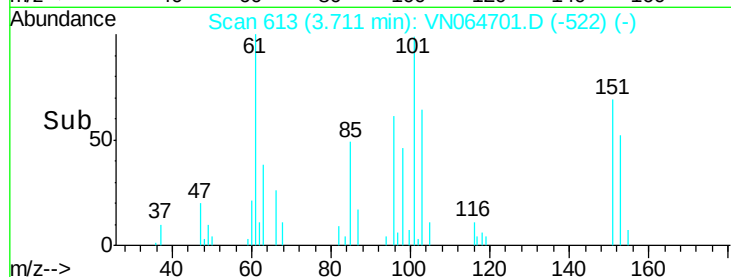
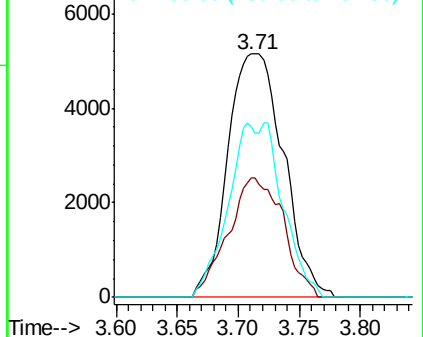
151 36.6 57.2 85.8#



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: 4.250 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

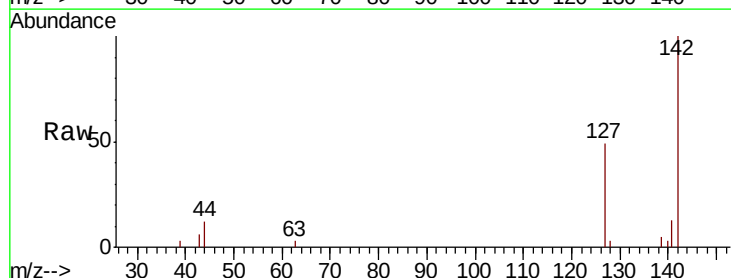
Tgt Ion:142 Resp: 15760

Ion Ratio Lower Upper

142 100

127 52.2 42.0 63.0

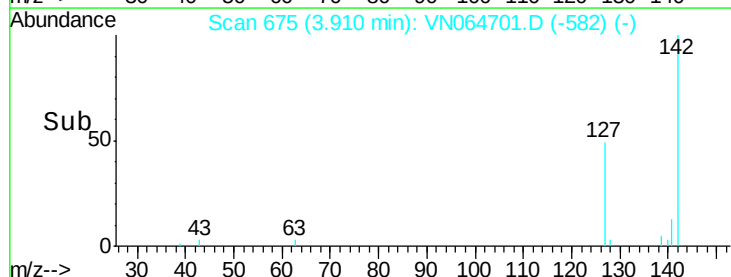
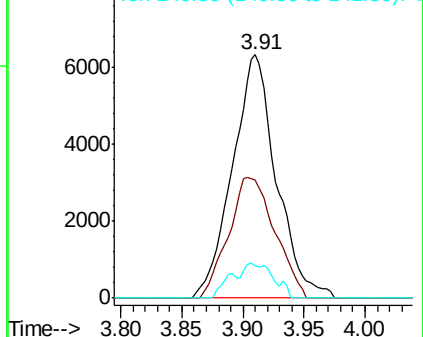
141 9.6 12.1 18.1#

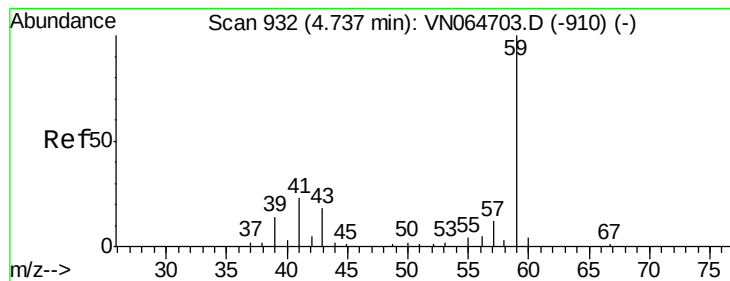


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 10.838 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

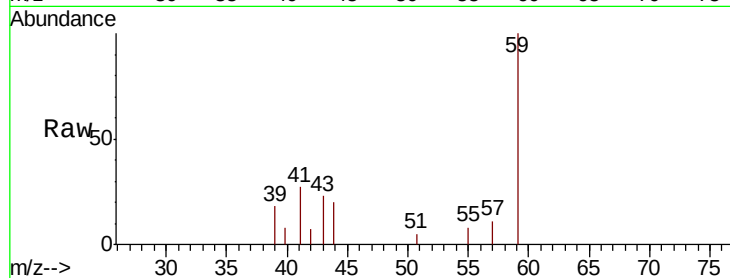
VSTDIC005

Tot Ion: 59 Resp: 5674

Ion Ratio Lower Upper

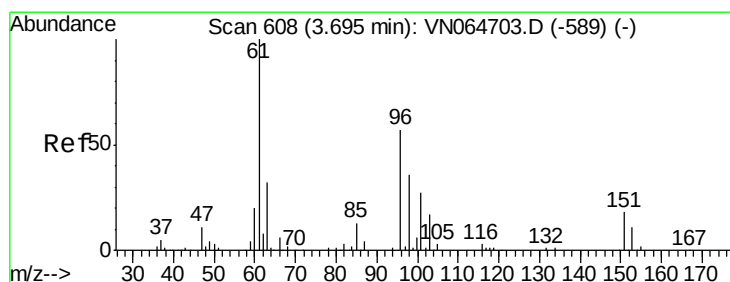
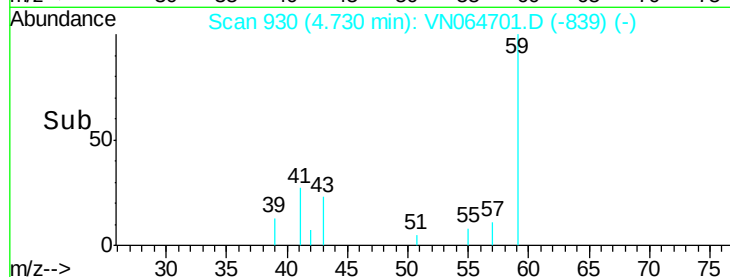
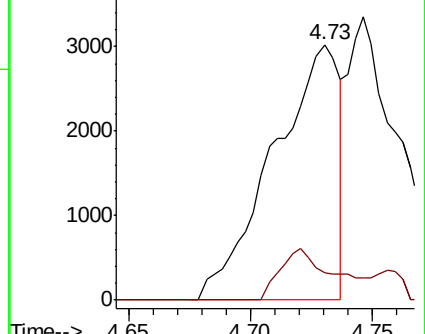
59 100

57 16.3 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN064701.D (-839) (-)

Ion 57.00 (56.70 to 57.70): VN064701.D (-839) (-)



#12

1,1-Dichloroethene

Concen: 4.826 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

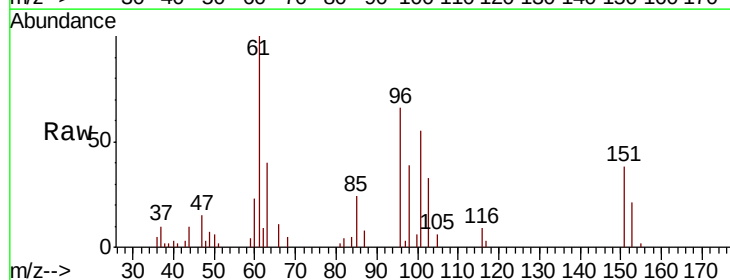
Tgt Ion: 96 Resp: 14471

Ion Ratio Lower Upper

96 100

61 151.4 139.1 208.7

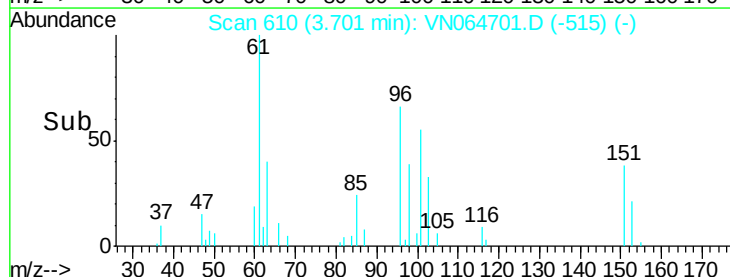
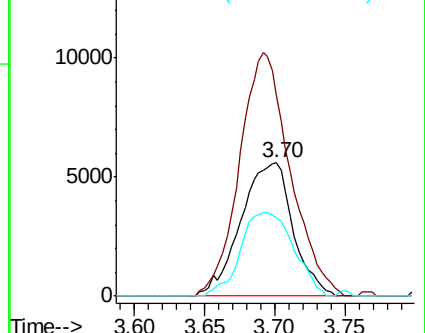
98 58.9 50.2 75.2

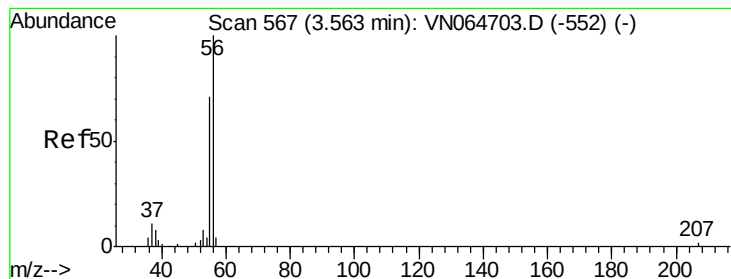


Abundance Ion 95.90 (95.60 to 96.60): VN064701.D (-515) (-)

Ion 60.90 (60.60 to 61.60): VN064701.D (-515) (-)

Ion 97.90 (97.60 to 98.60): VN064701.D (-515) (-)





#13

Acrolein

Concen: 8.774 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

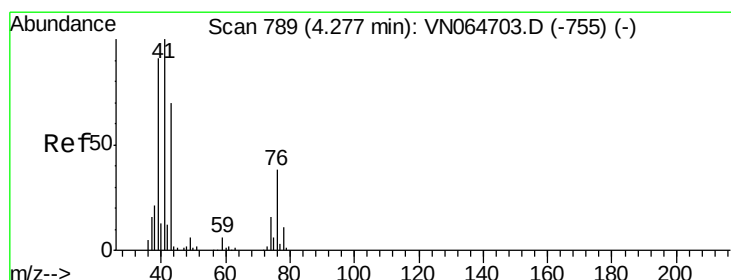
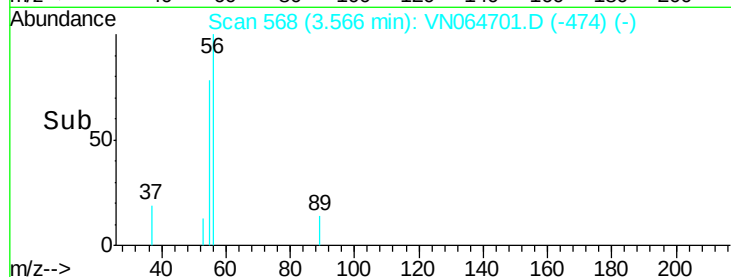
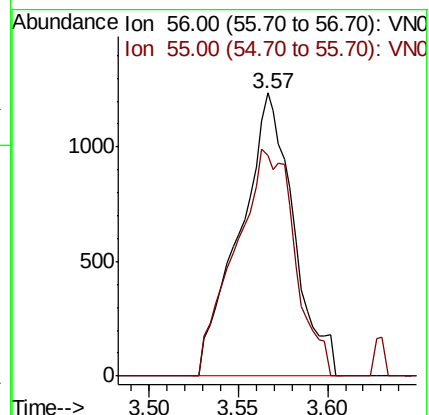
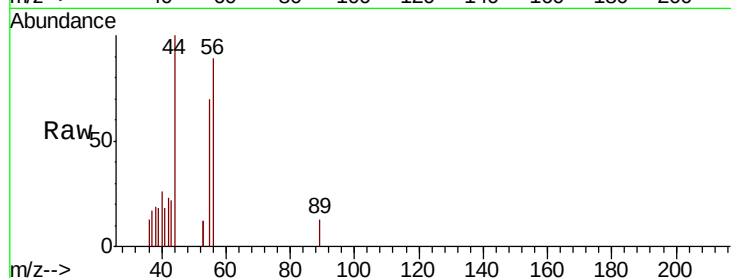
VSTDIC005

Tot Ion: 56 Resp: 2592

Ion Ratio Lower Upper

56 100

55 88.7 61.8 92.6



#14

Allyl chloride

Concen: 4.601 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

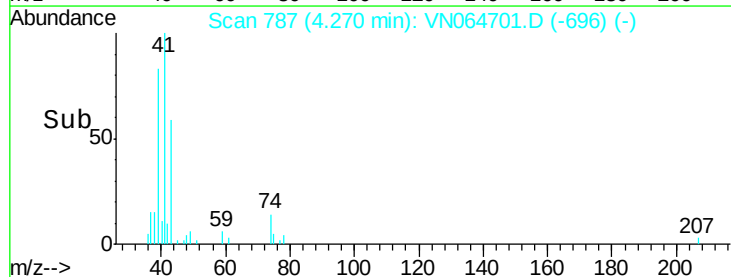
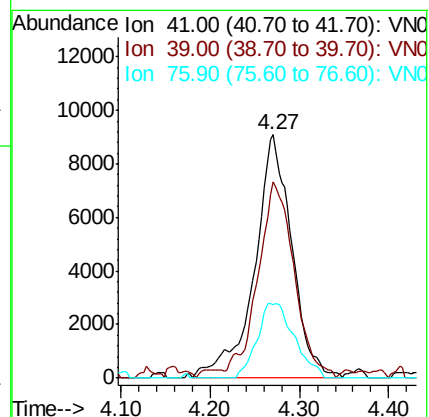
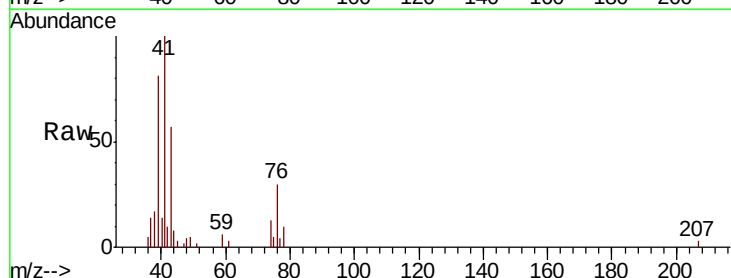
Tgt Ion: 41 Resp: 26505

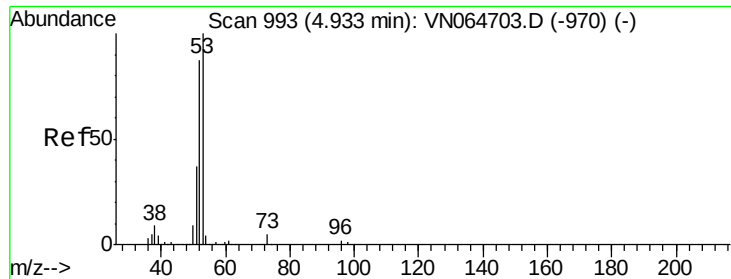
Ion Ratio Lower Upper

41 100

39 78.5 66.1 99.1

76 30.5 26.6 40.0





#15

Acrylonitrile

Concen: 21.511 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

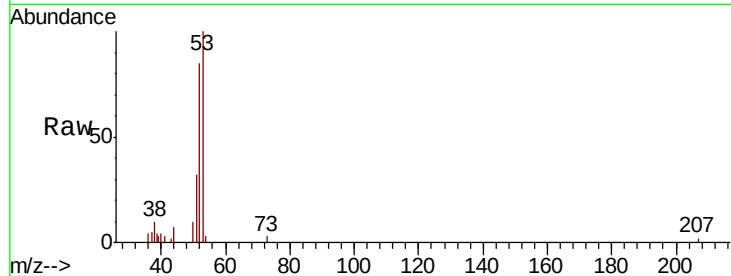
Tot Ion: 53 Resp: 31676

Ion Ratio Lower Upper

53 100

52 86.1 67.2 100.8

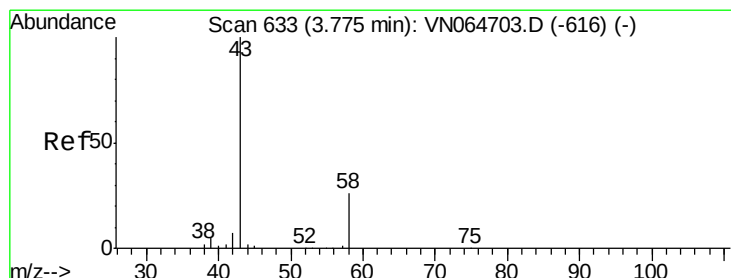
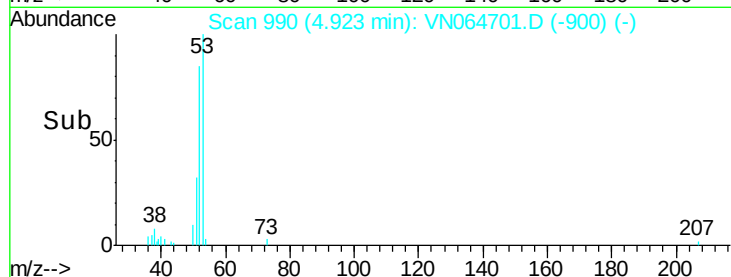
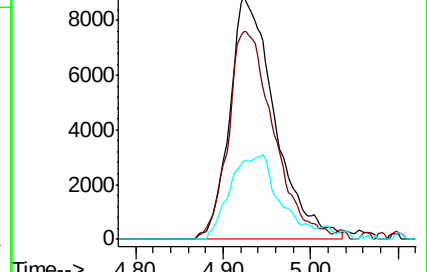
51 0.0 31.0 46.6#



Abundance Ion 53.00 (52.70 to 53.70): VN064701.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064701.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064701.D (-900) (-)



#16

Acetone

Concen: 15.278 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064701.D

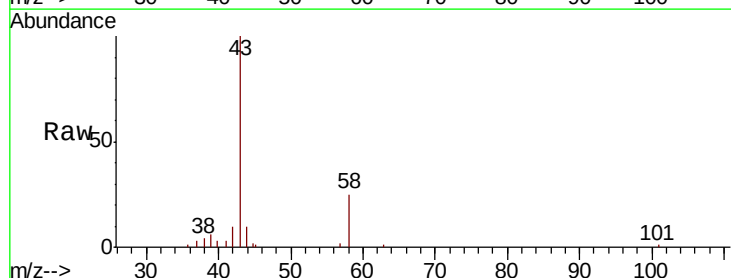
Acq: 18 Nov 2020 12:13

Tgt Ion: 43 Resp: 26582

Ion Ratio Lower Upper

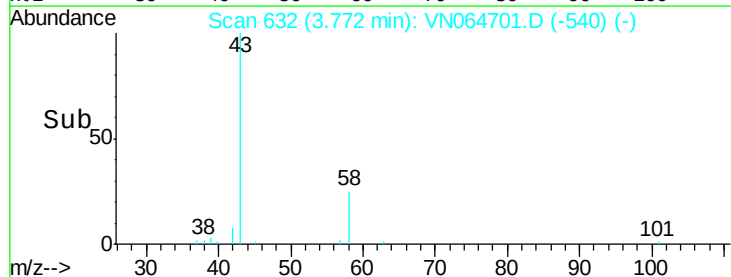
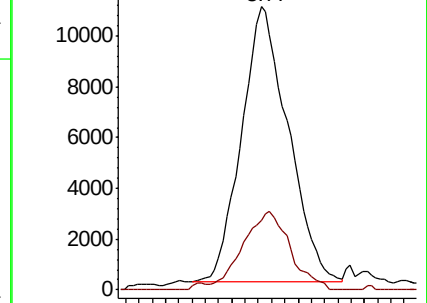
43 100

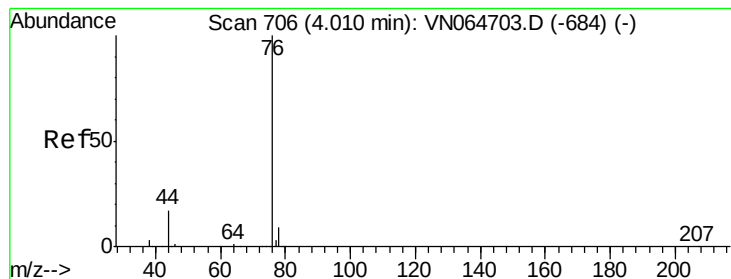
58 25.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064701.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064701.D (-540) (-)





#17

Carbon Disulfide

Concen: 5.093 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

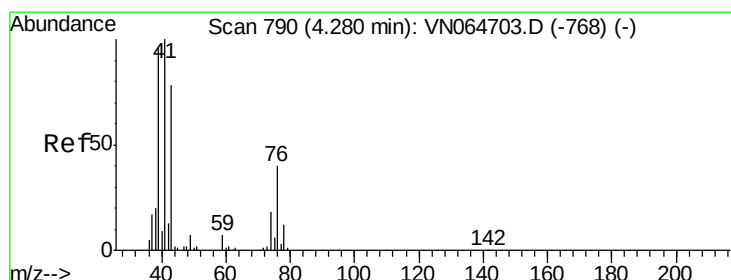
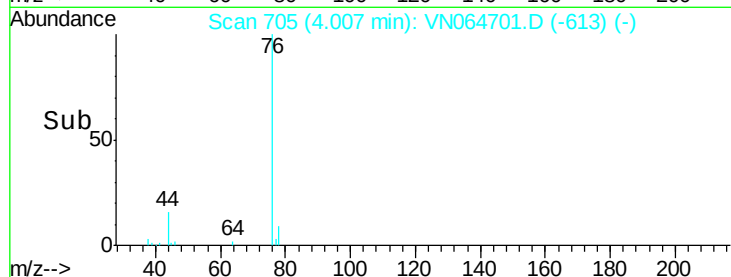
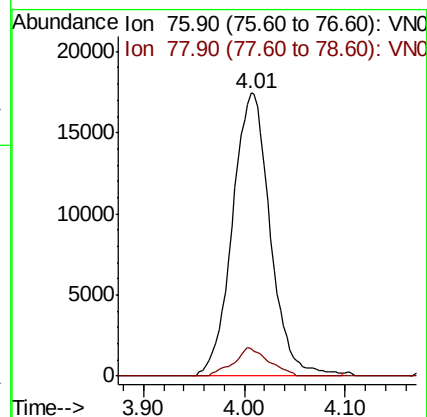
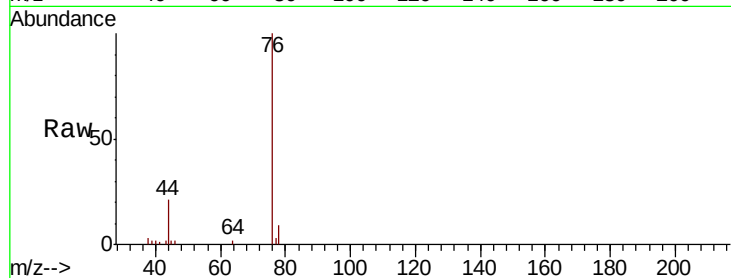
VSTDIC005

Tot Ion: 76 Resp: 45408

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 4.559 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064701.D

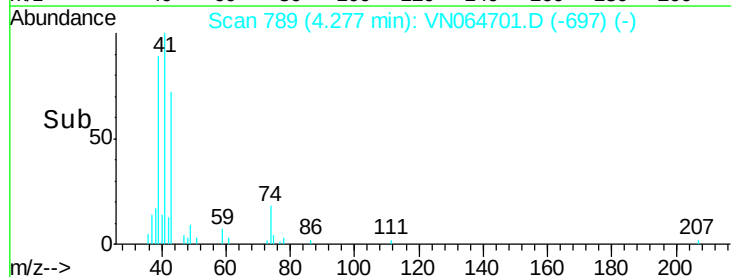
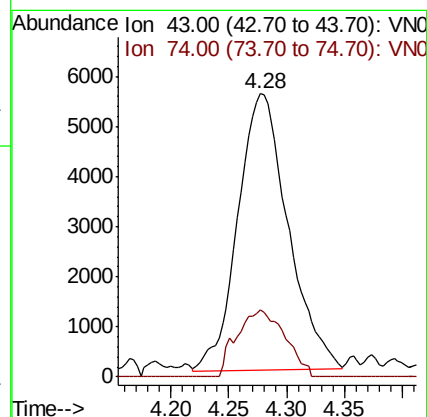
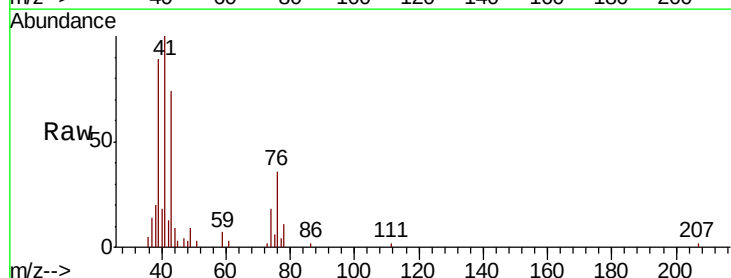
Acq: 18 Nov 2020 12:13

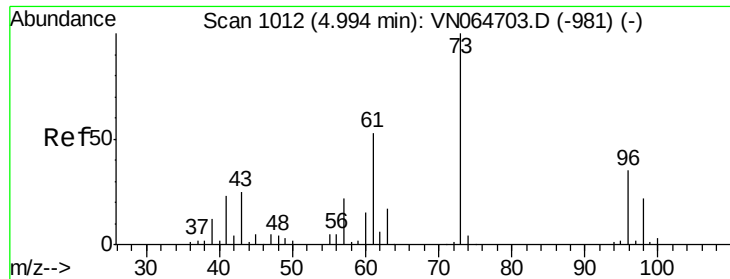
Tgt Ion: 43 Resp: 16654

Ion Ratio Lower Upper

43 100

74 23.1 17.6 26.4

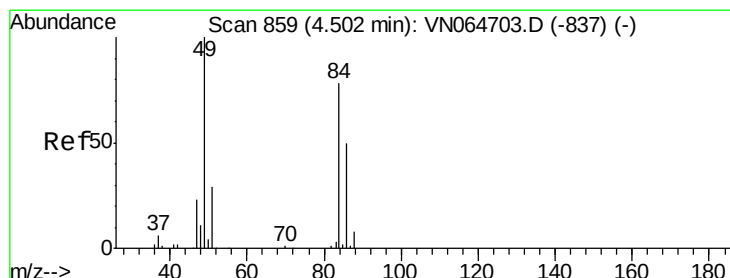
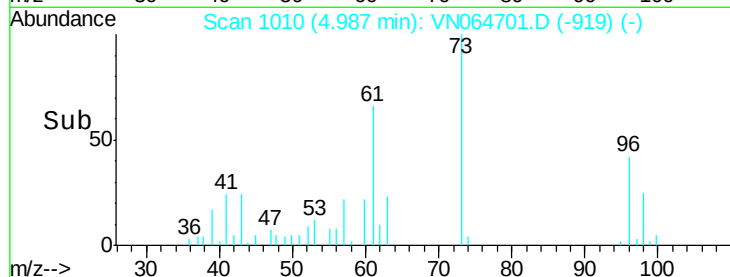
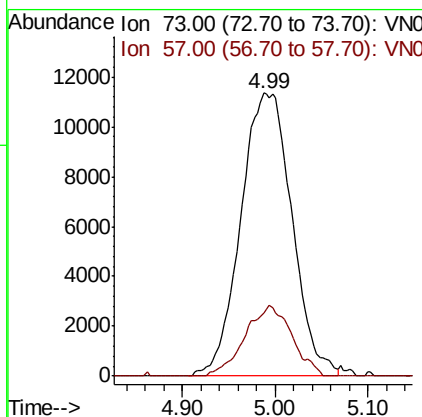
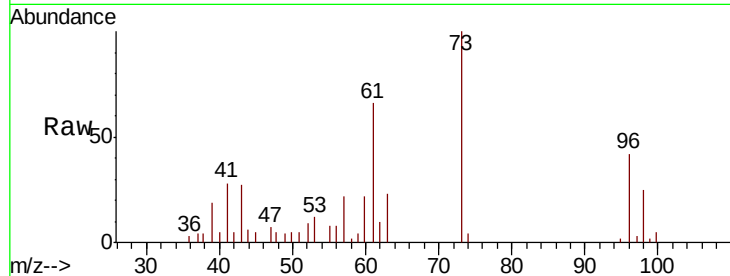




#19
Methvl tert-butvl Ether
Concen: 4.059 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

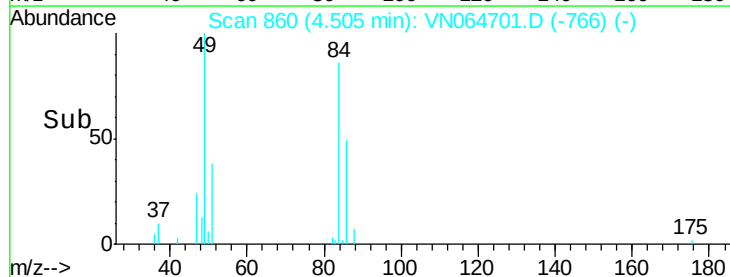
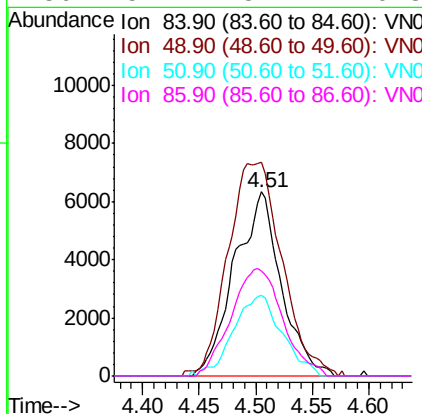
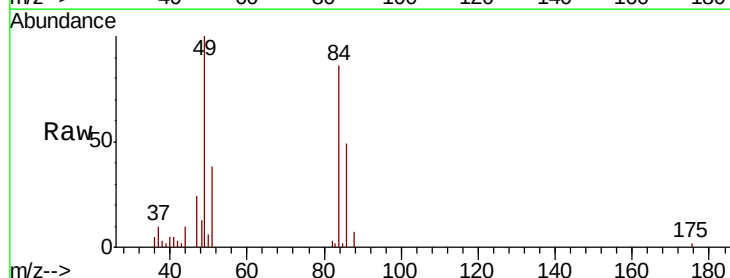
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

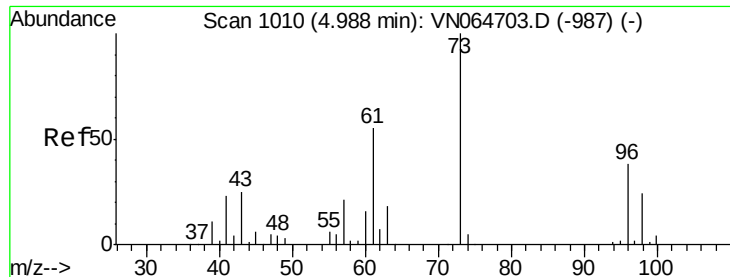
Tot Ion: 73 Resp: 43575
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 4.918 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 84 Resp: 18174
Ion Ratio Lower Upper
84 100
49 116.2 102.4 153.6
51 44.0 29.4 44.2
86 57.1 51.2 76.8

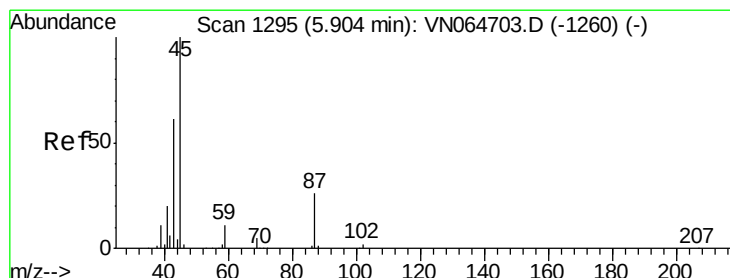
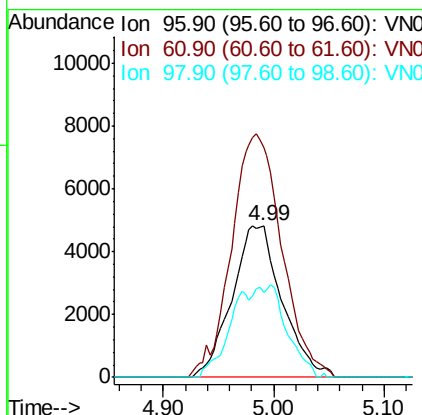
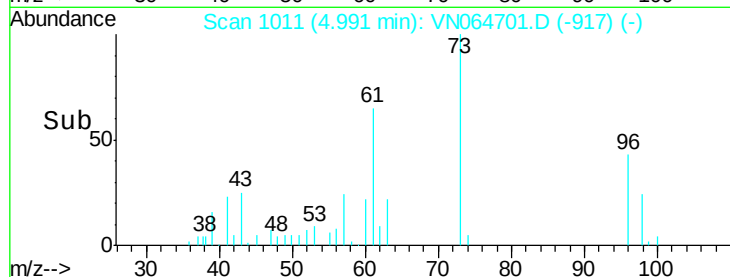
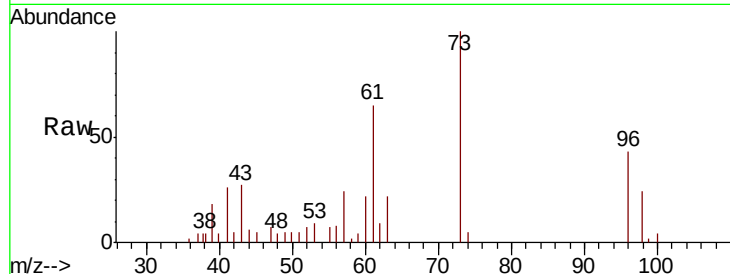




#21
trans-1,2-Dichloroethene
Concen: 4.475 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

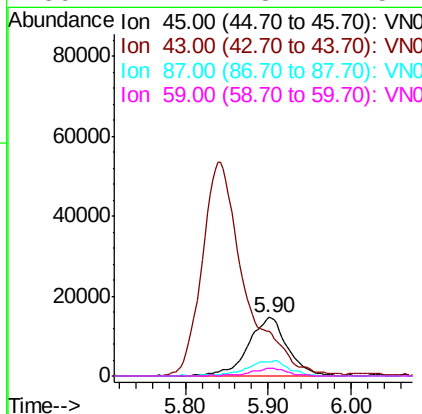
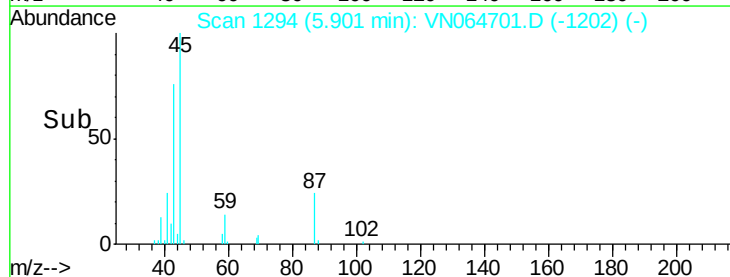
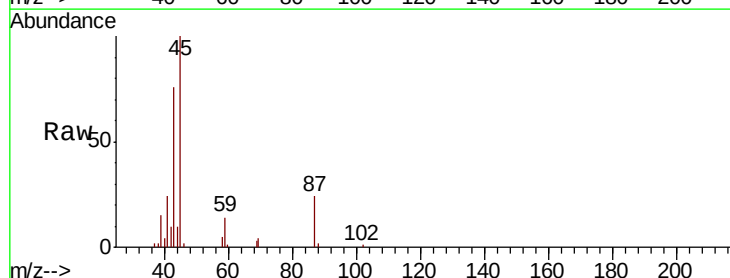
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

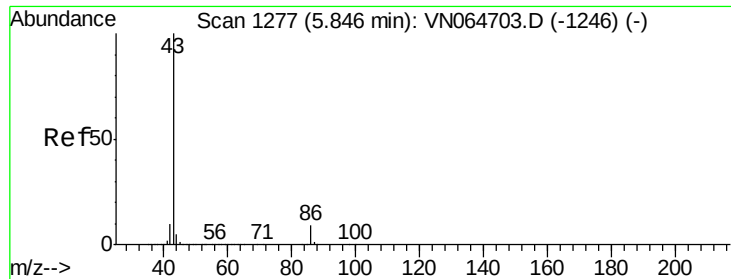
Tot Ion: 96 Resp: 15189
Ion Ratio Lower Upper
96 100
61 151.4 117.9 176.9
98 55.8 51.1 76.7



#22
Diisopropyl ether
Concen: 3.951 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 45 Resp: 48253
Ion Ratio Lower Upper
45 100
43 71.6 52.3 78.5
87 23.5 21.6 32.4
59 14.1 8.7 13.1#





#23

Vinyl Acetate

Concen: 19.273 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

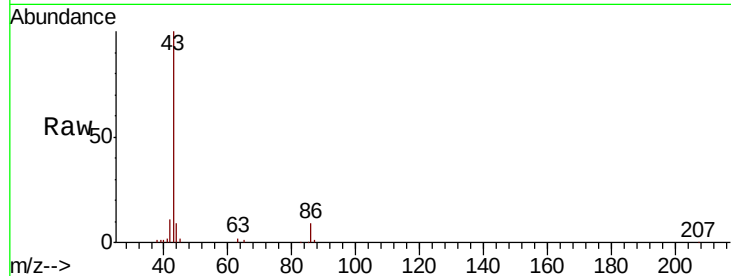
VSTDIC005

Tot Ion: 43 Resp: 190640

Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064701.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064701.D (-1184) (-)

5.84

60000

50000

40000

30000

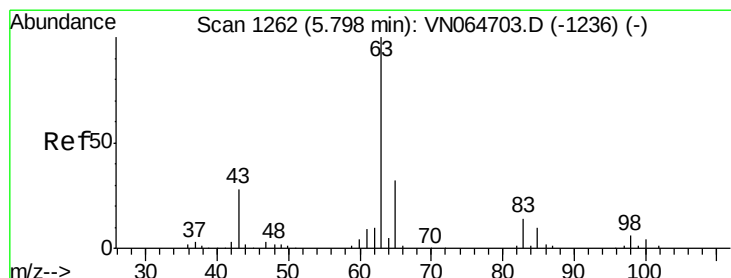
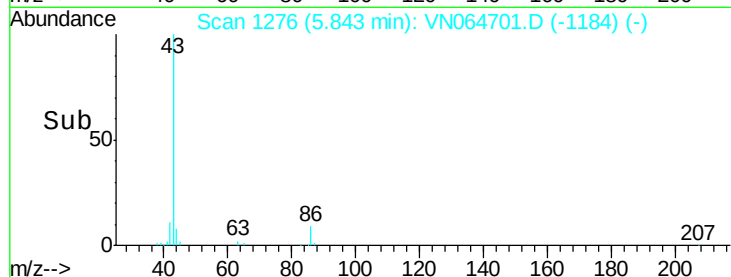
20000

10000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 4.744 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

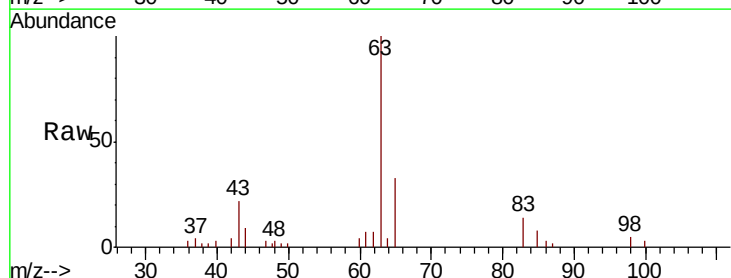
Tgt Ion: 63 Resp: 32143

Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 3.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064701.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064701.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064701.D (-1169) (-)

5.79

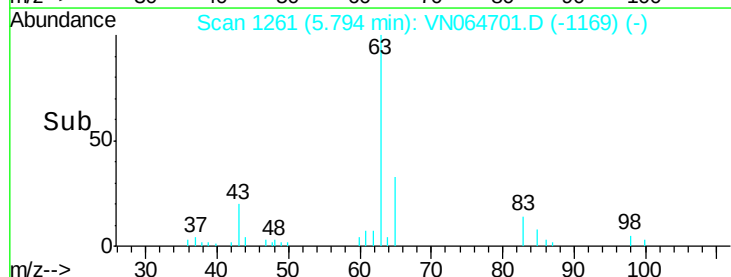
10000

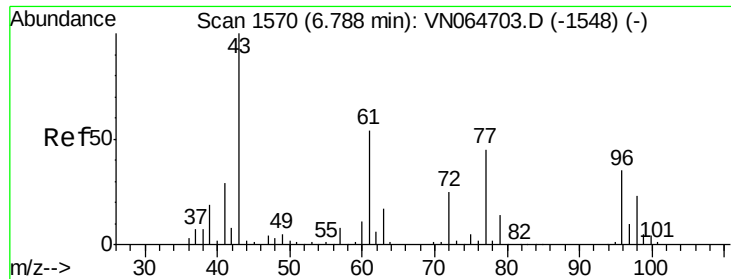
5000

0

Time-->

5.70 5.75 5.80 5.85





#25

2-Butanone

Concen: 18.226 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

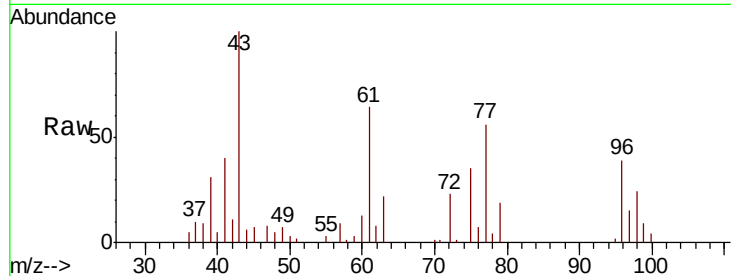
VSTDIC005

Tot Ion: 43 Resp: 41528

Ion Ratio Lower Upper

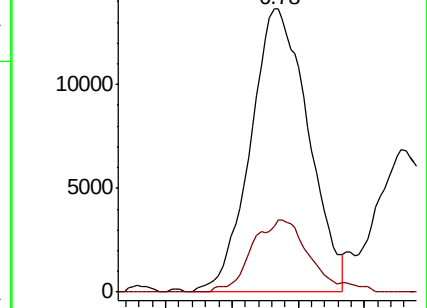
43 100

72 23.1 19.7 29.5

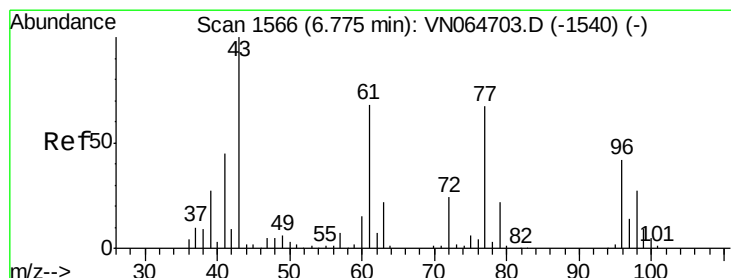
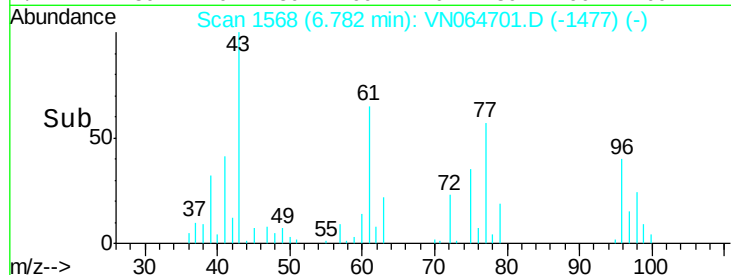


Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN064703.D (-1548) (-)



Time-->



#26

2,2-Dichloropropane

Concen: 4.629 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064701.D

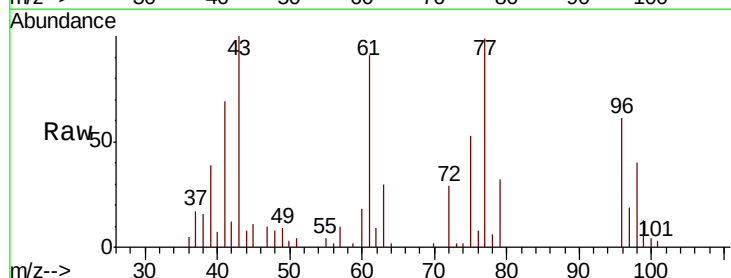
Acq: 18 Nov 2020 12:13

Tgt Ion: 77 Resp: 28692

Ion Ratio Lower Upper

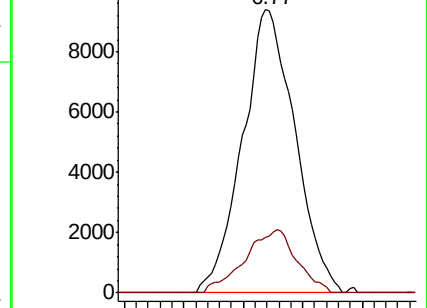
77 100

97 22.1 10.5 31.5

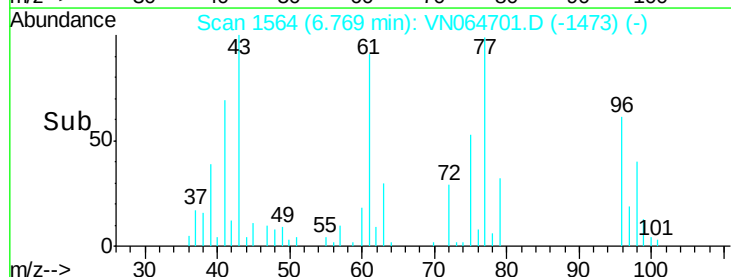


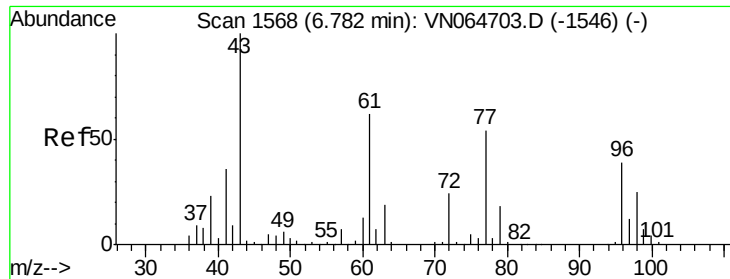
Abundance Ion 76.90 (76.60 to 77.60): VN064703.D (-1540) (-)

Ion 96.90 (96.60 to 97.60): VN064703.D (-1540) (-)



Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.481 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

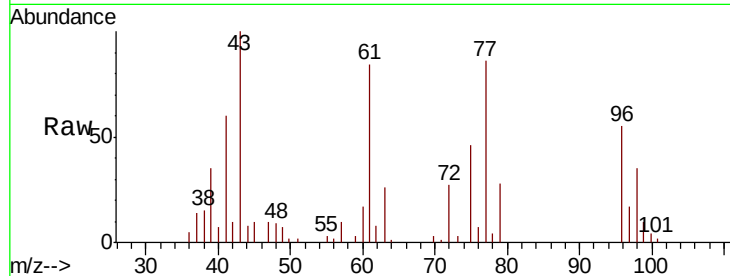
Tot Ion: 96 Resp: 17550

Ion Ratio Lower Upper

96 100

61 157.7 0.0 322.6

98 41.0 0.0 128.6

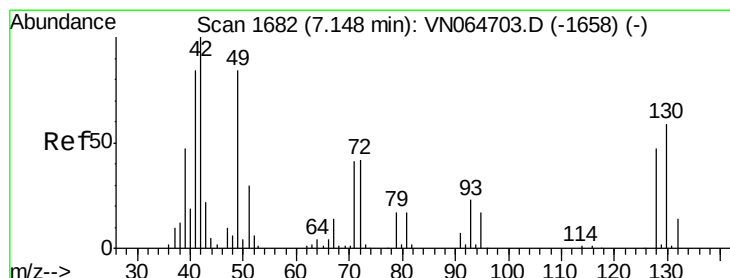
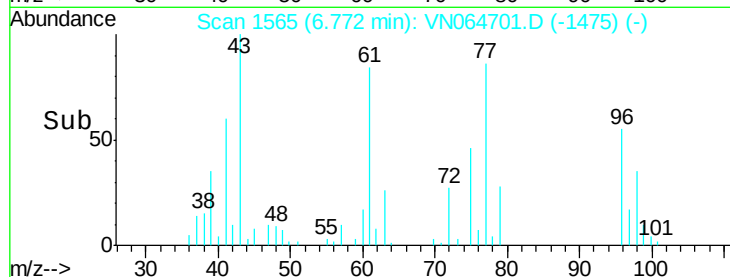
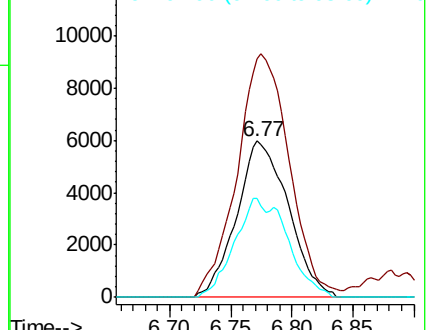


Abundance

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



#28

Bromochloromethane

Concen: 4.792 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

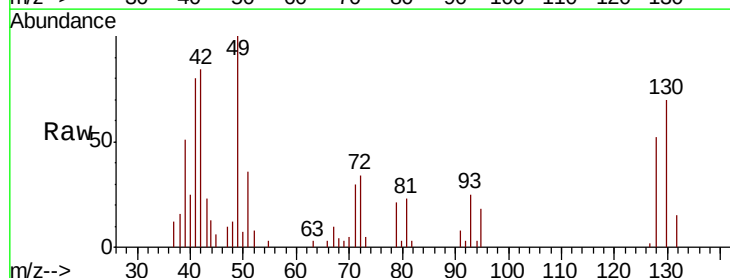
Tgt Ion: 49 Resp: 16409

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.8

130 71.3 56.2 84.4

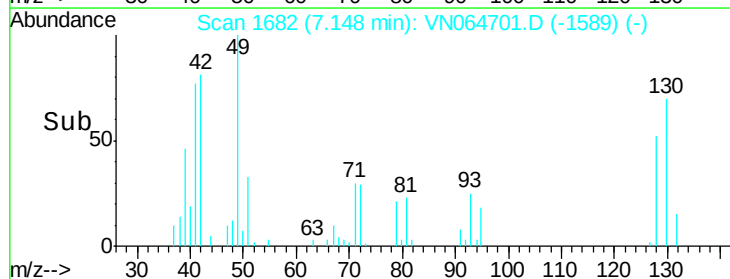
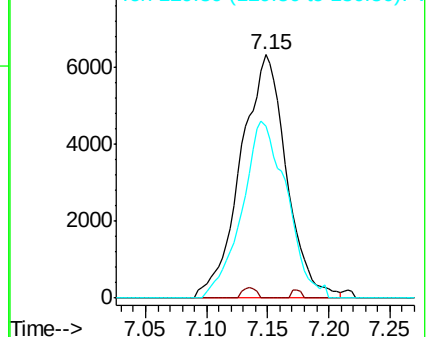


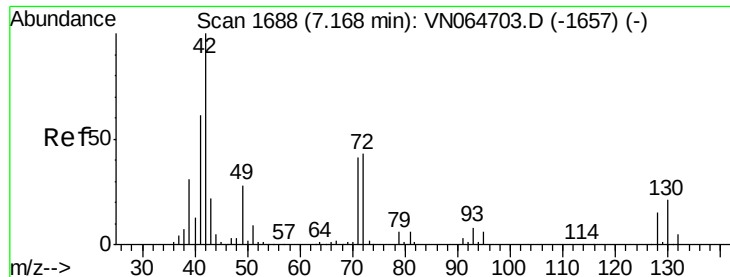
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0





#29

Tetrahydrofuran

Concen: 17.674 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

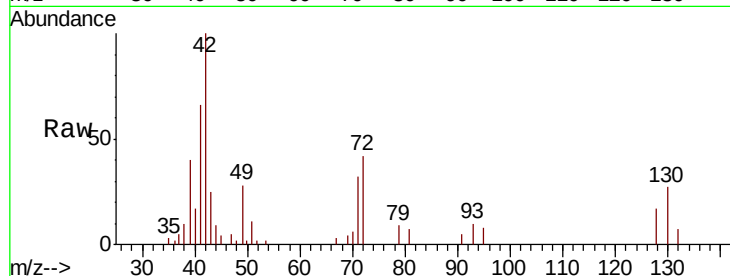
Tot Ion: 42 Resp: 25253

Ion Ratio Lower Upper

42 100

72 41.9 33.0 49.4

71 17.9 31.8 47.6#

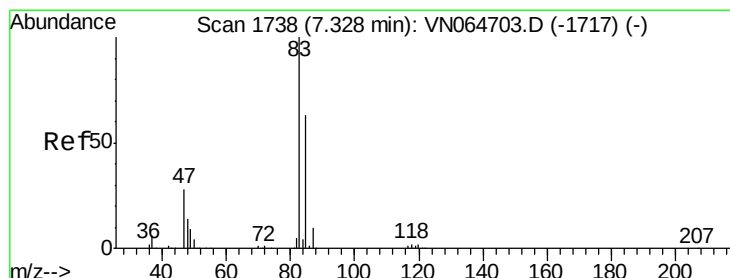
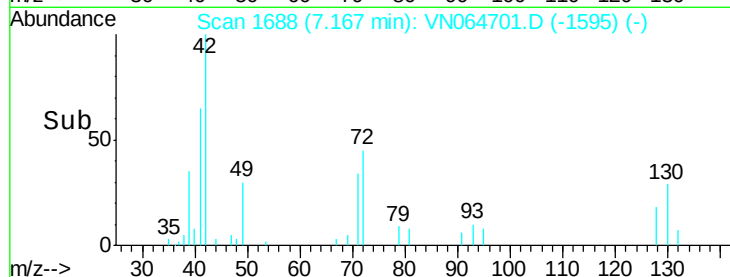


Abundance Ion 42.00 (41.70 to 42.70): VN064701.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN064701.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN064701.D (-1657) (-)

Time-->



#30

Chloroform

Concen: 4.520 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064701.D

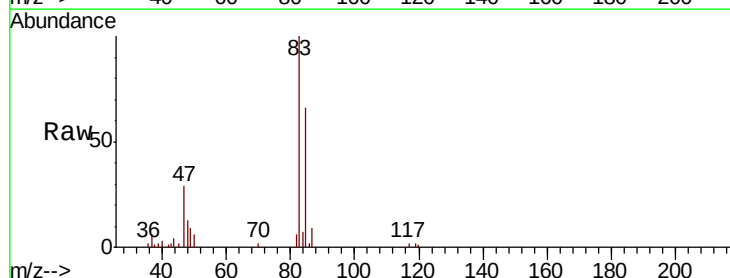
Acq: 18 Nov 2020 12:13

Tgt Ion: 83 Resp: 32360

Ion Ratio Lower Upper

83 100

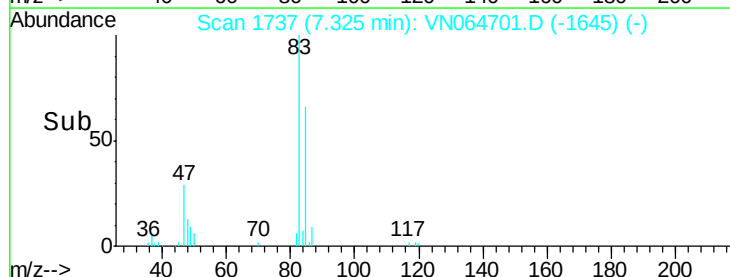
85 65.9 50.6 75.8

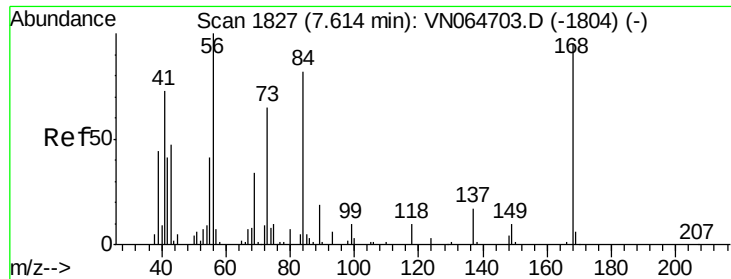


Abundance Ion 82.90 (82.60 to 83.60): VN064701.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064701.D (-1645) (-)

Time-->

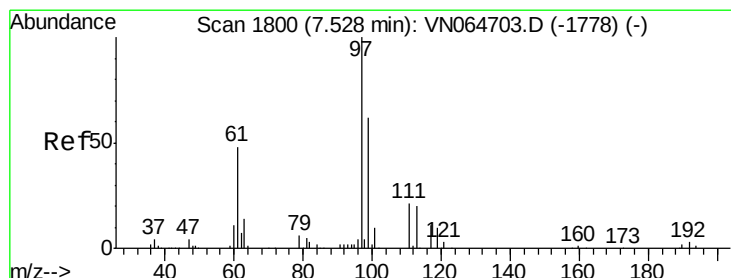
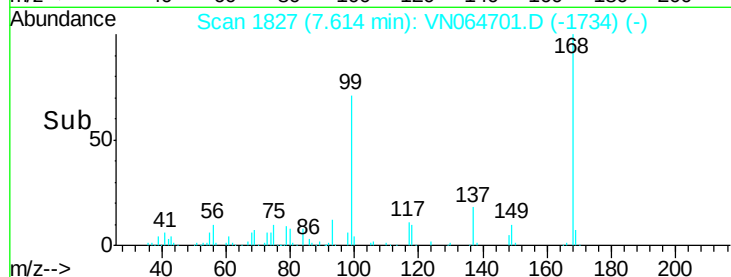
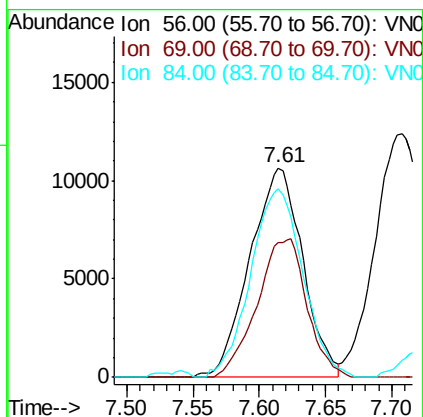
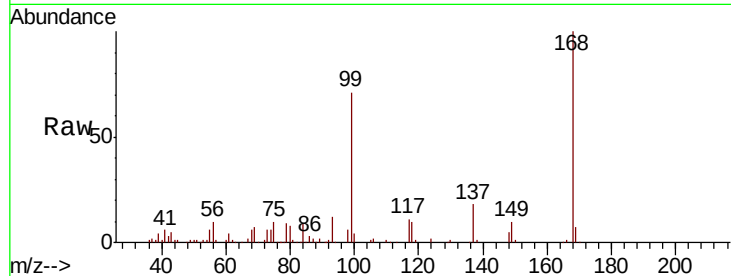




#31
Cyclohexane
Concen: 5.097 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

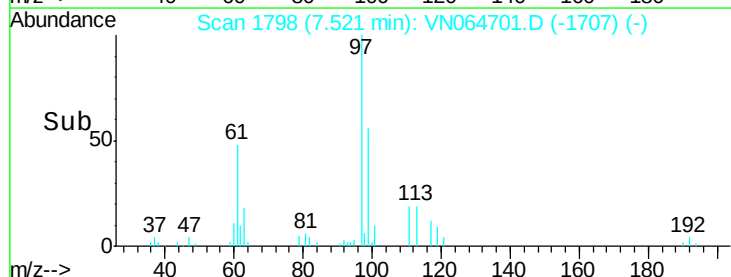
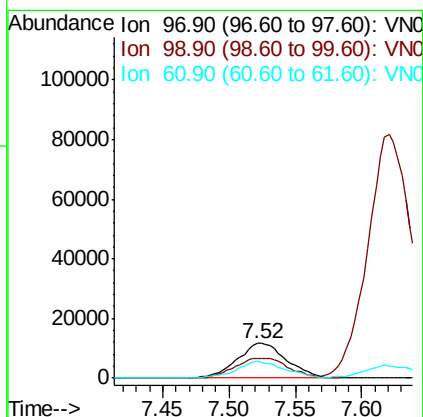
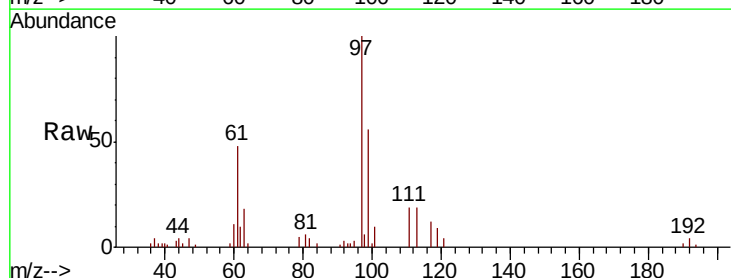
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

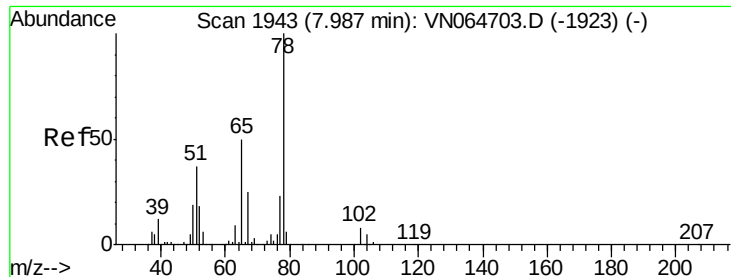
Tot Ion: 56 Resp: 29537
Ion Ratio Lower Upper
56 100
69 64.6 27.2 40.8#
84 87.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 4.713 ug/l
RT: 7.52 min Scan# 1798
Delta R.T. -0.01 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 97 Resp: 30061
Ion Ratio Lower Upper
97 100
99 61.4 50.6 76.0
61 48.1 38.3 57.5

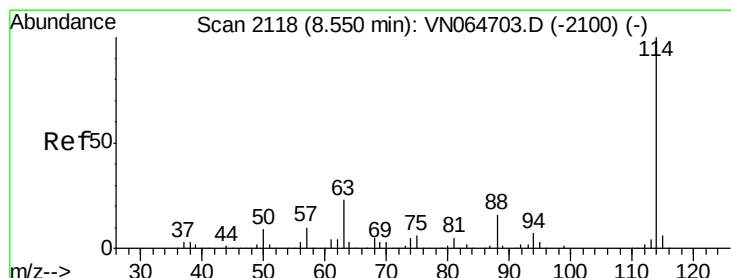
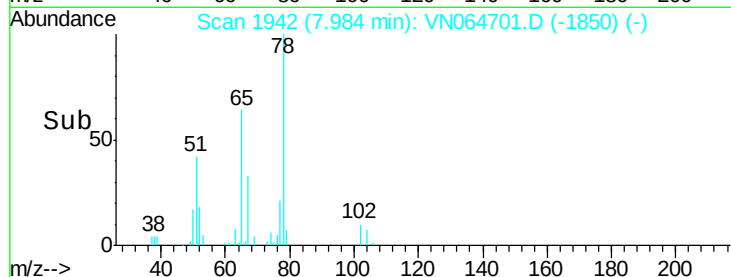
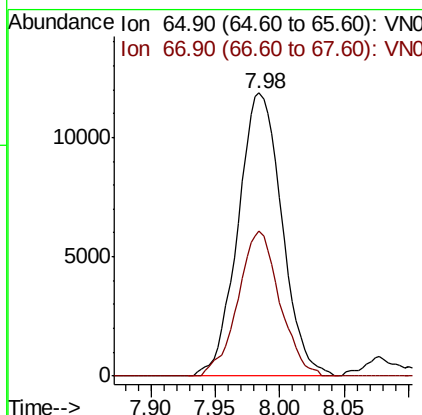
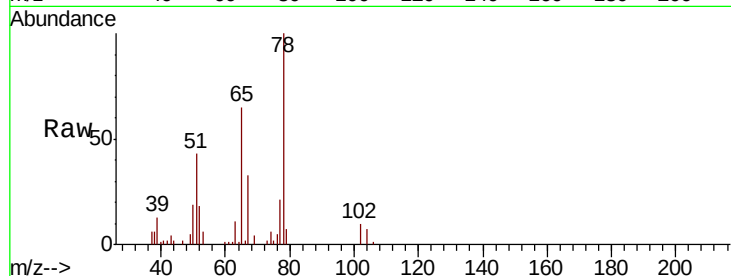




#33
 1,2-Dichloroethane-d4
 Concen: 5.677 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

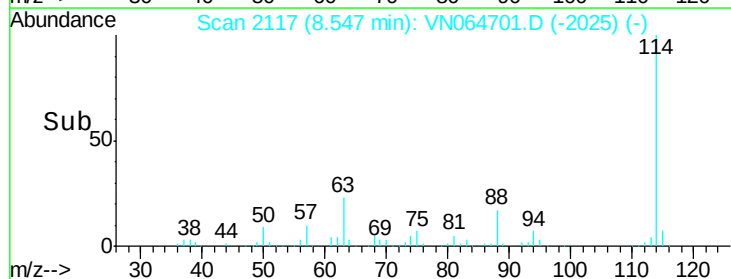
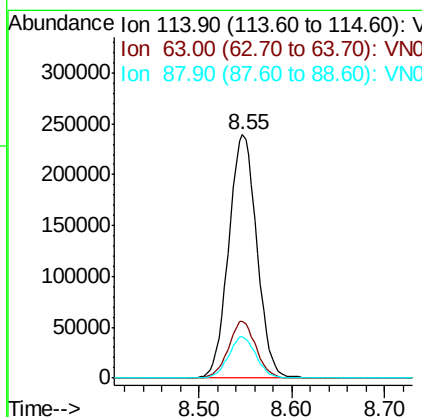
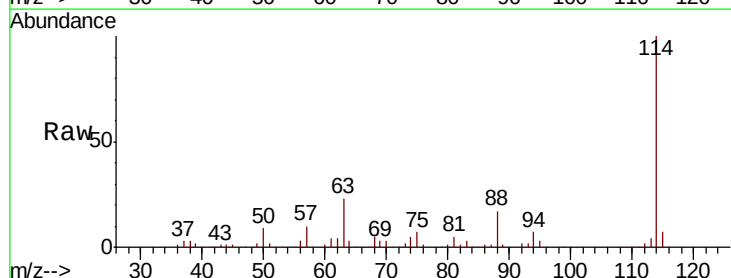
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

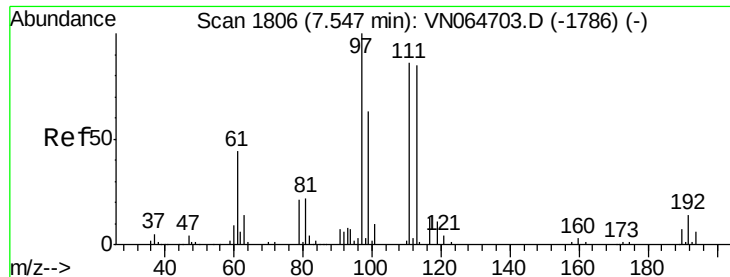
Tot Ion: 65 Resp: 28063
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 114 Resp: 503689
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 17.0 0.0 31.2

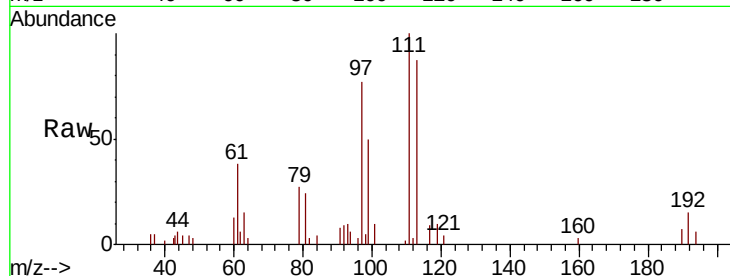




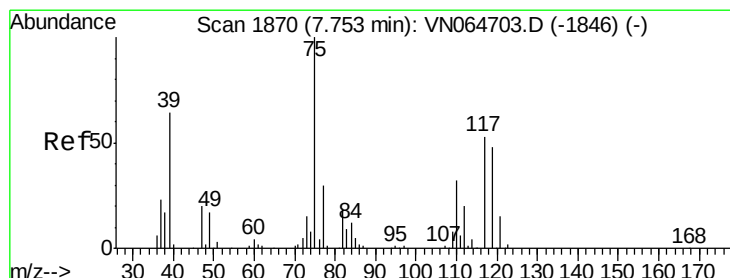
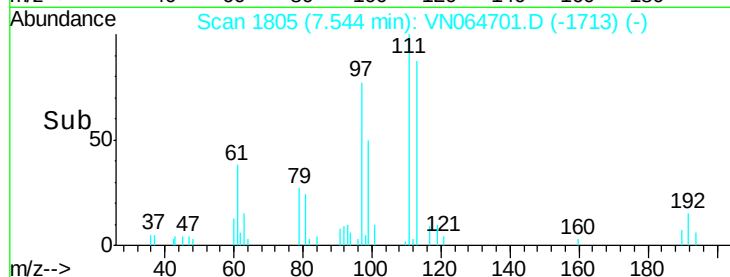
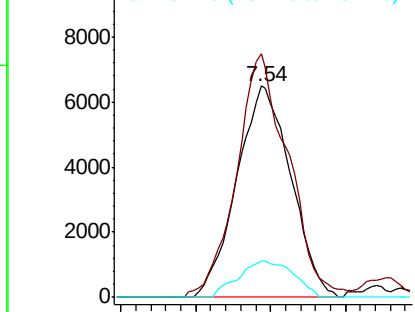
#35
Dibromofluoromethane
Concen: 4.899 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:113 Resp: 16294
Ion Ratio Lower Upper
113 100
111 110.4 82.2 123.4
192 17.6 12.7 19.1

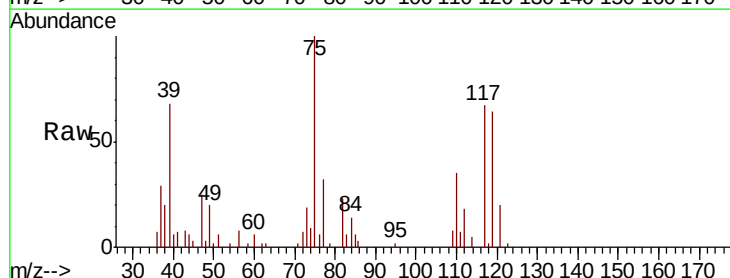


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

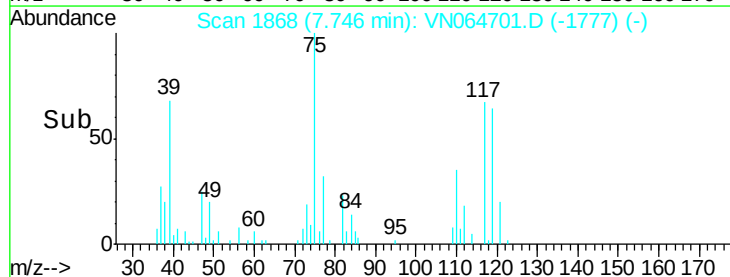
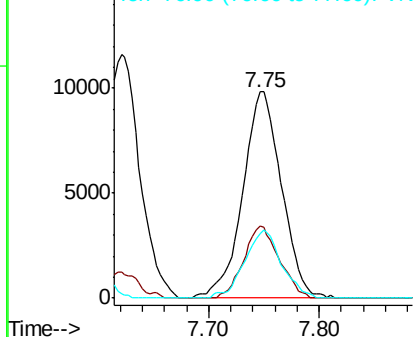


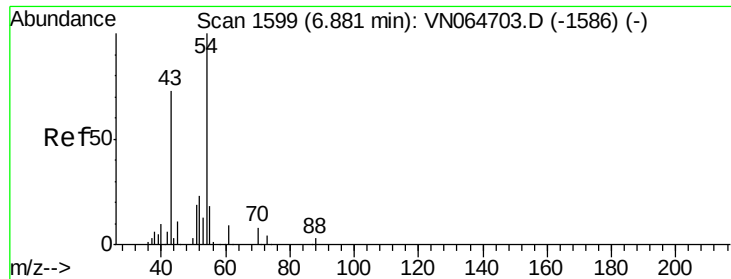
#36
1,1-Dichloropropene
Concen: 4.579 ug/l
RT: 7.75 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 75 Resp: 23938
Ion Ratio Lower Upper
75 100
110 31.9 16.2 48.6
77 31.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

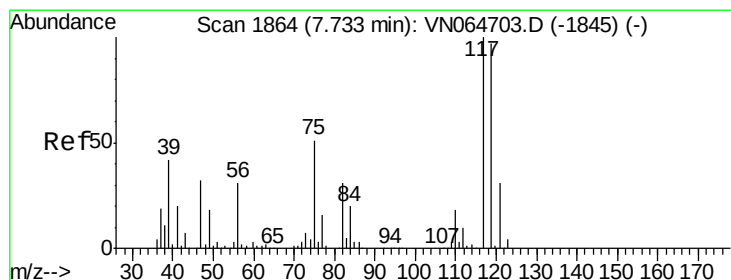
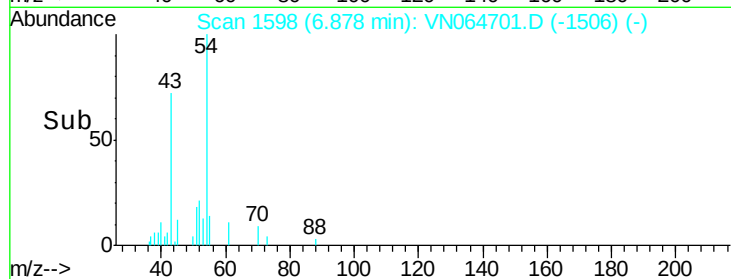
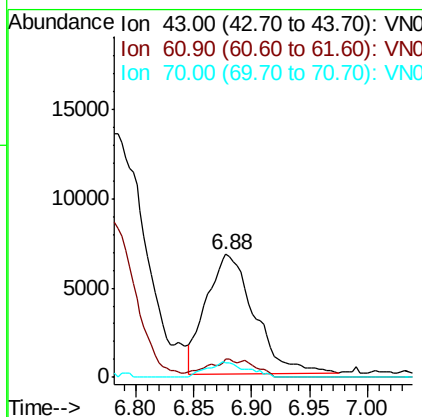
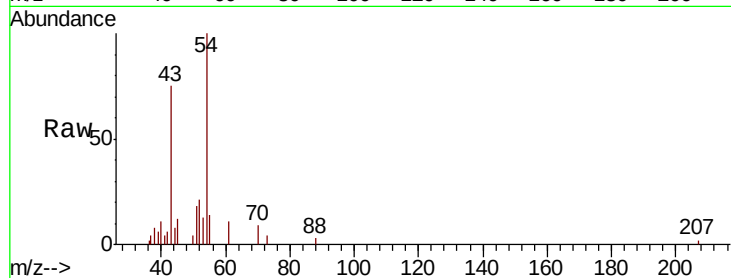




#37
Ethyl Acetate
Concen: 4.238 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

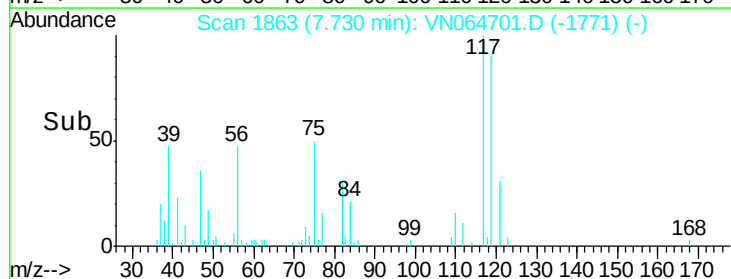
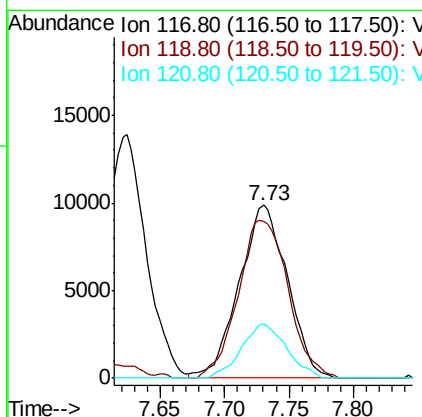
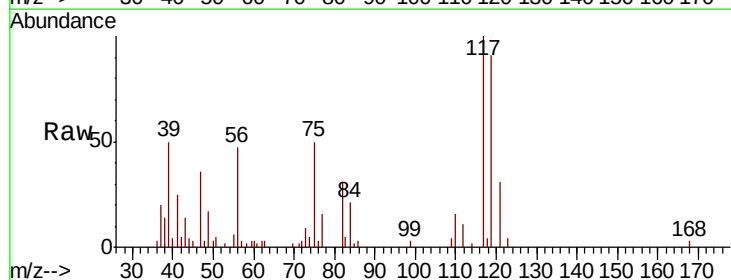
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

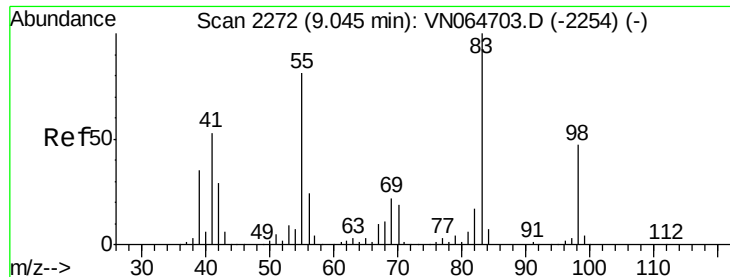
Tot Ion: 43 Resp: 19488
Ion Ratio Lower Upper
43 100
61 5.6 10.4 15.6#
70 10.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 4.563 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 117 Resp: 25682
Ion Ratio Lower Upper
117 100
119 90.8 77.8 116.6
121 31.2 24.9 37.3

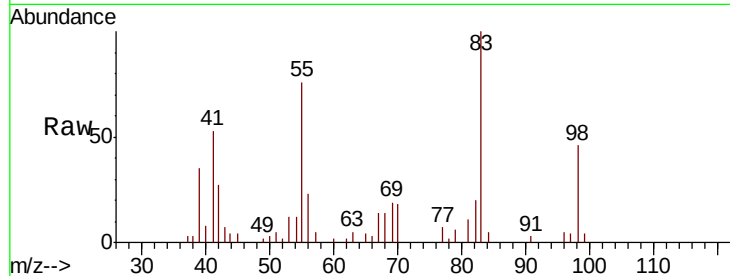




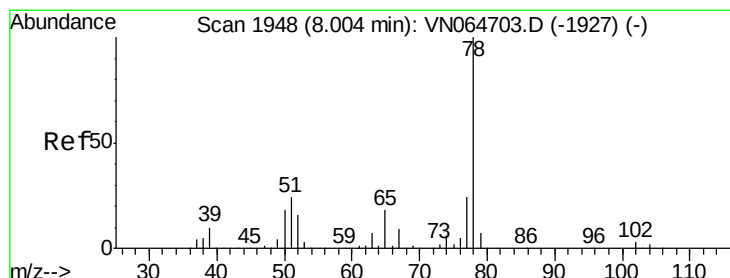
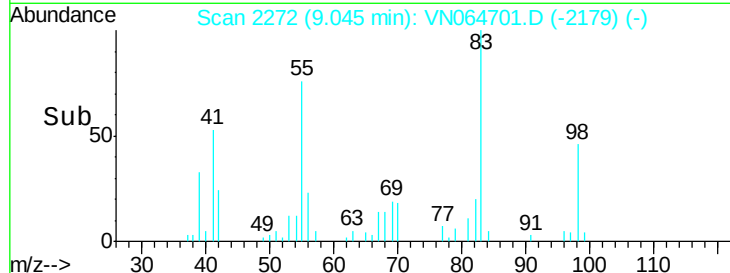
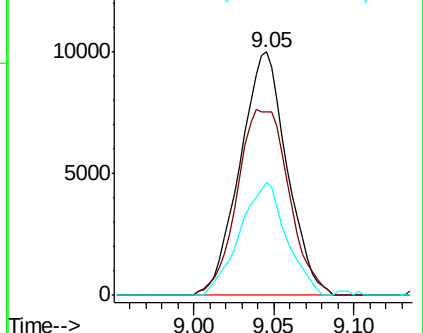
#39
Methylvlcyclohexane
Concen: 4.307 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 20091
Ion Ratio Lower Upper
83 100
55 75.5 64.6 97.0
98 46.5 37.7 56.5

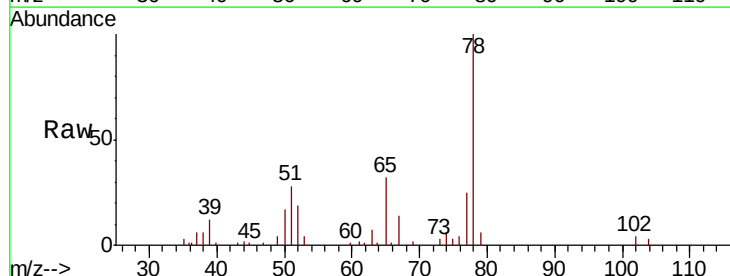


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

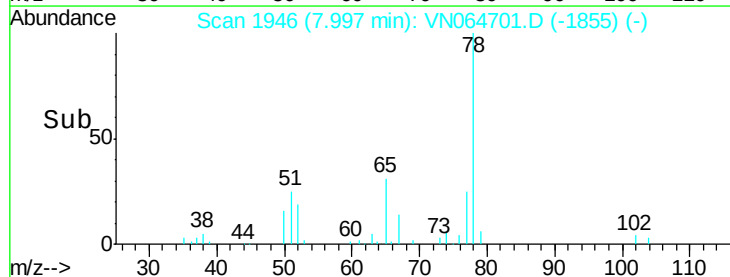
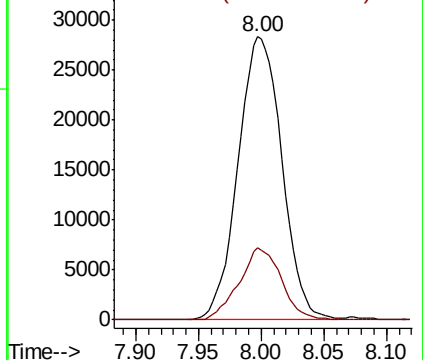


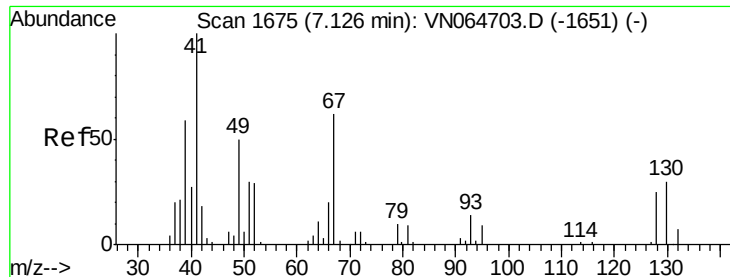
#40
Benzene
Concen: 4.486 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 78 Resp: 68798
Ion Ratio Lower Upper
78 100
77 25.5 19.2 28.8



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

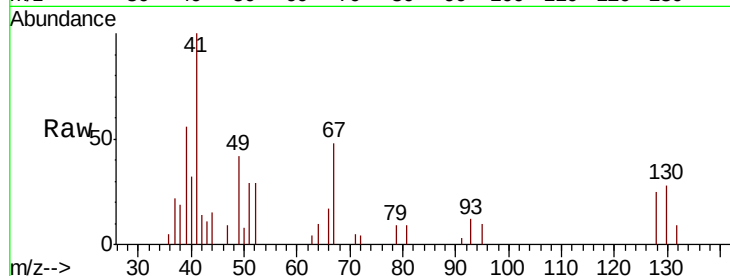




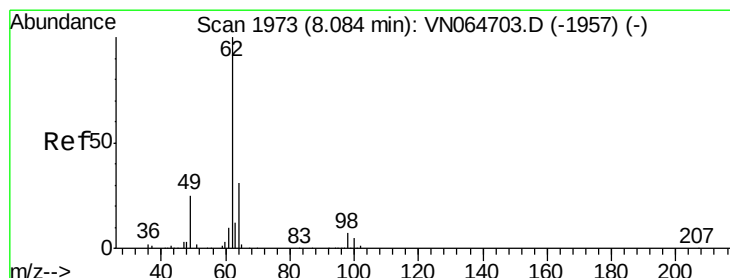
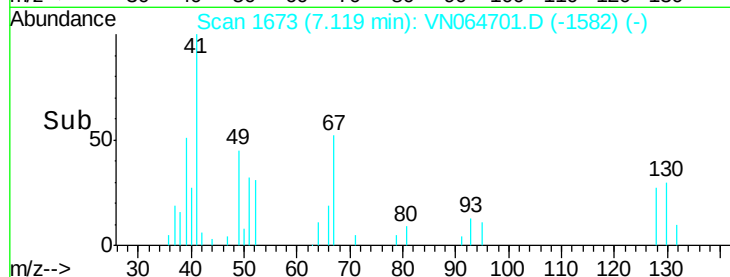
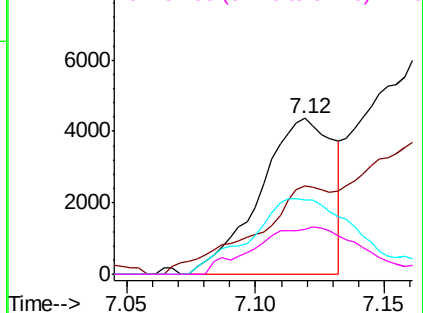
#41
Methacrylonitrile
Concen: 3.744 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	8707
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.0	69.0
67	72.0	67.0	100.4
52	43.2	31.7	47.5

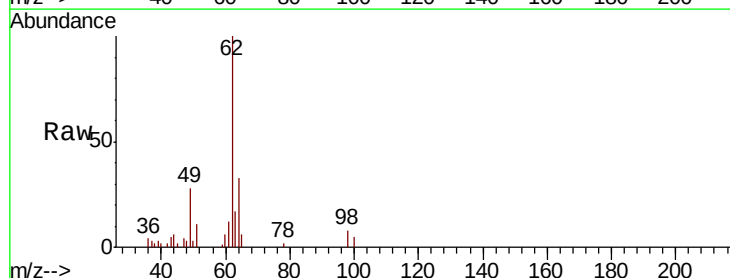


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

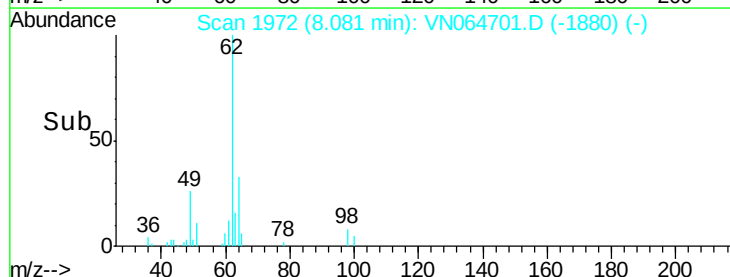
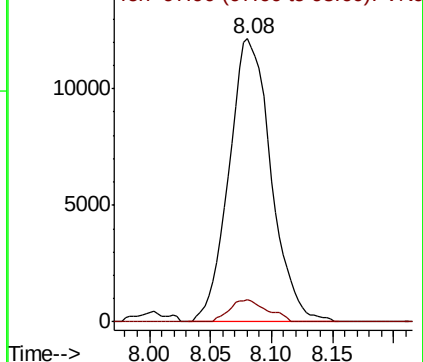


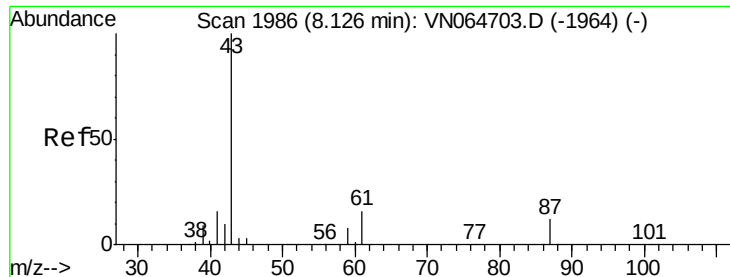
#42
1,2-Dichloroethane
Concen: 4.669 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion:	62	Resp:	29093
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	13.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.600 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

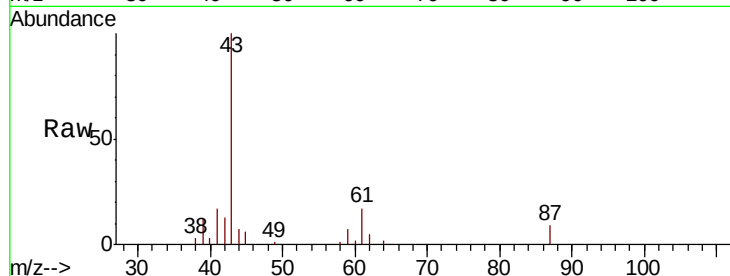
Tot Ion: 43 Resp: 38844

Ion Ratio Lower Upper

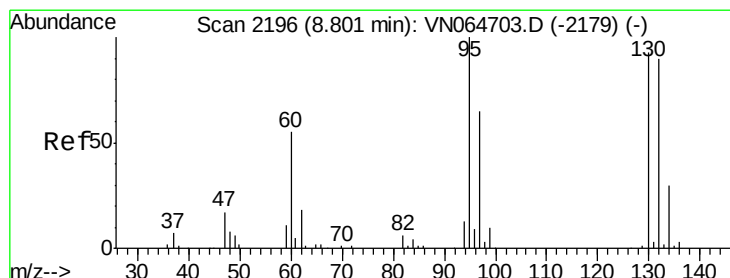
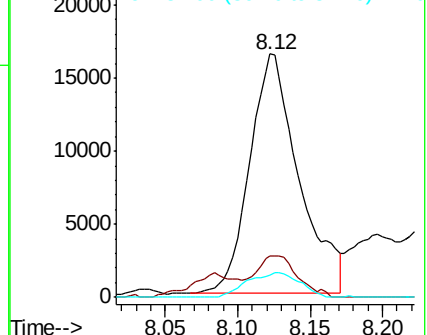
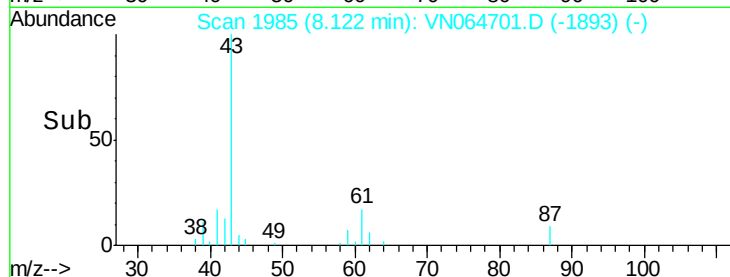
43 100

61 14.2 14.1 21.1

87 10.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064701.D (-1893) (-)



#44

Trichloroethene

Concen: 5.118 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064701.D

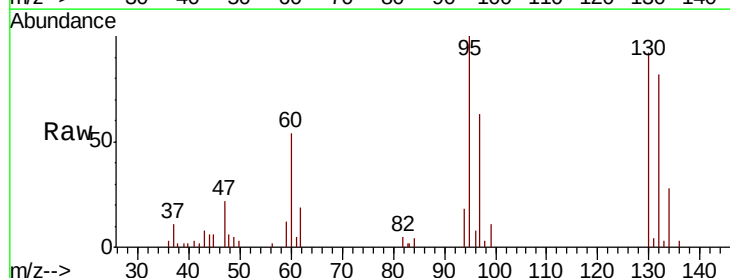
Acq: 18 Nov 2020 12:13

Tgt Ion:130 Resp: 20030

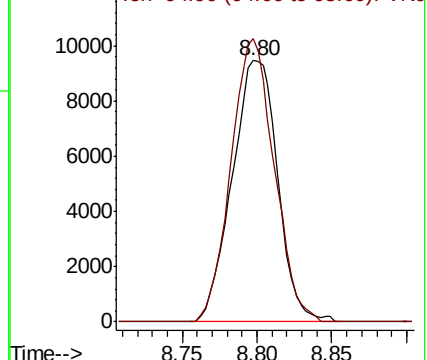
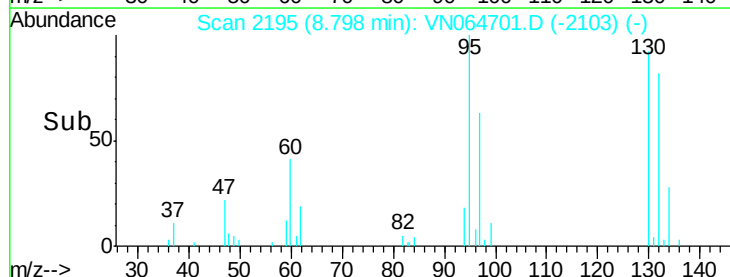
Ion Ratio Lower Upper

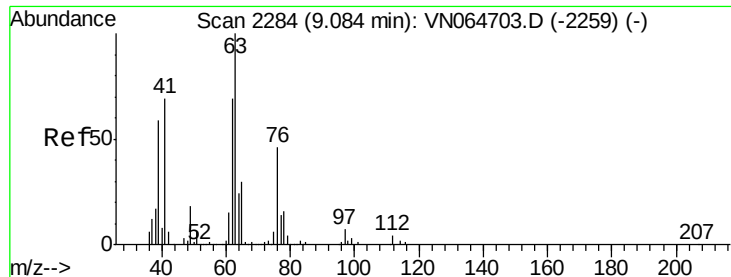
130 100

95 108.3 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064701.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 4.230 ug/l

RT: 9.08 min Scan# 2282

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

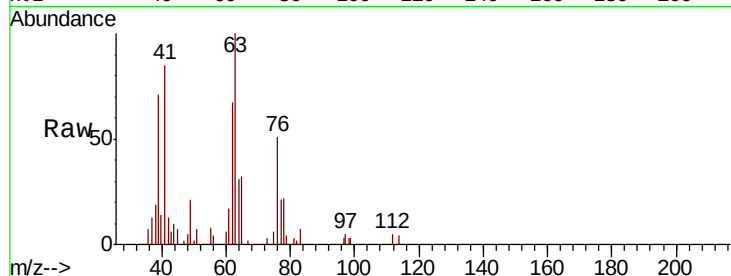
VSTDIC005

Tot Ion: 63 Resp: 17263

Ion Ratio Lower Upper

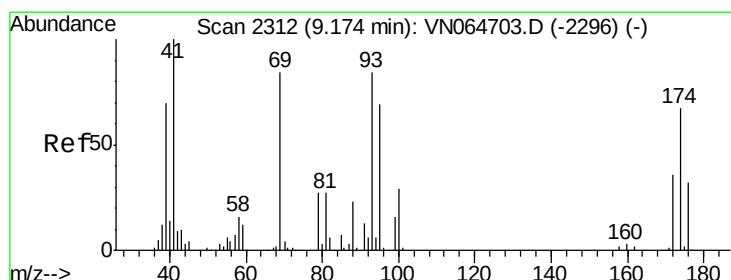
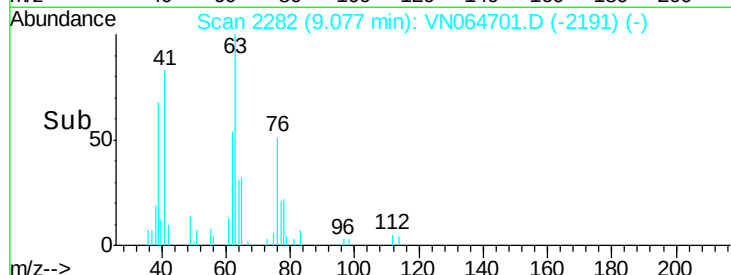
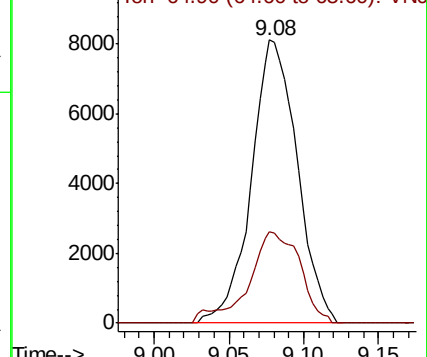
63 100

65 32.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 4.856 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

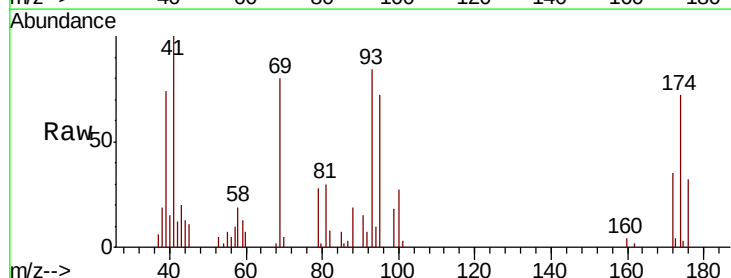
Tgt Ion: 93 Resp: 13254

Ion Ratio Lower Upper

93 100

95 82.7 64.6 97.0

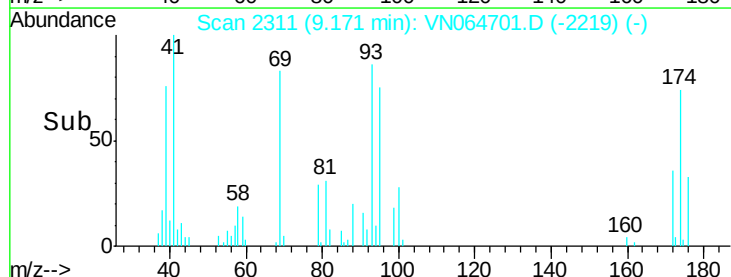
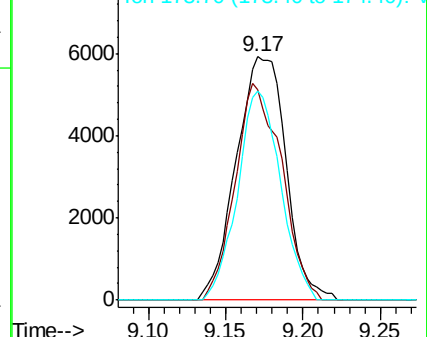
174 74.3 64.3 96.5

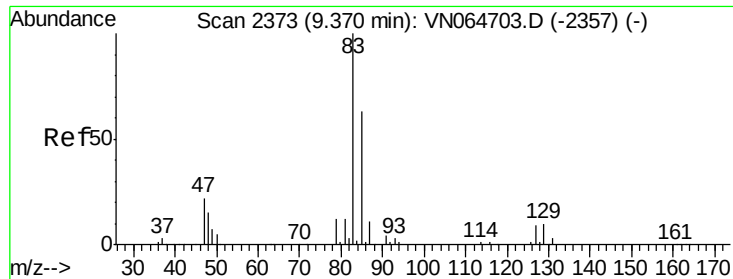


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

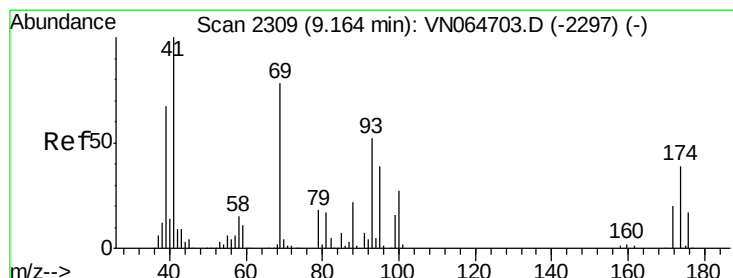
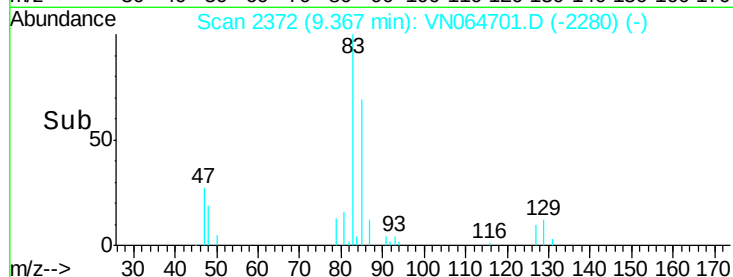
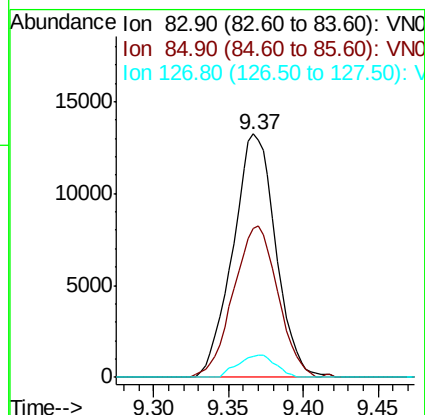
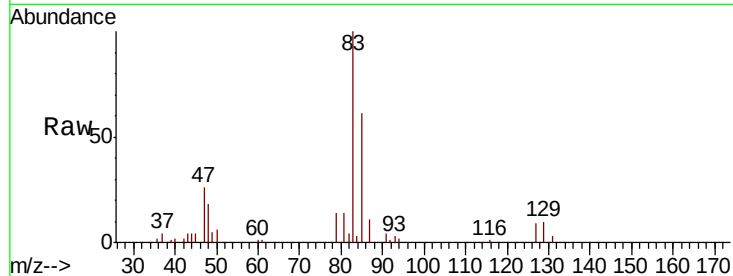




#47
Bromodichloromethane
Concen: 4.528 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

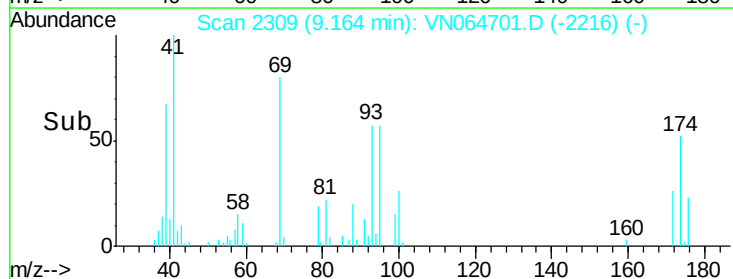
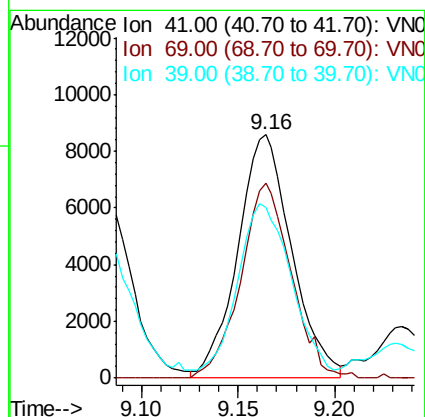
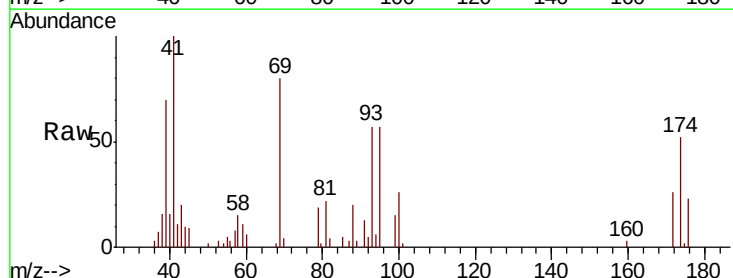
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

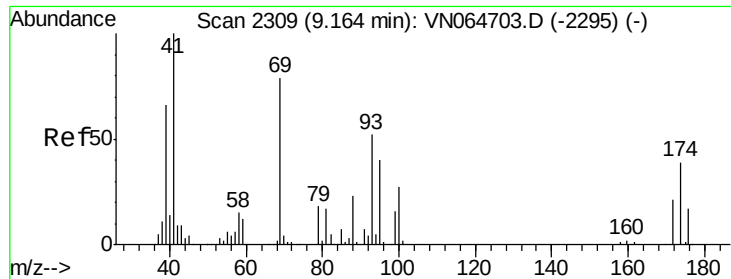
Tot Ion: 83 Resp: 26429
Ion Ratio Lower Upper
83 100
85 61.0 50.8 76.2
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 3.917 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 41 Resp: 16650
Ion Ratio Lower Upper
41 100
69 75.1 62.3 93.5
39 67.2 55.1 82.7

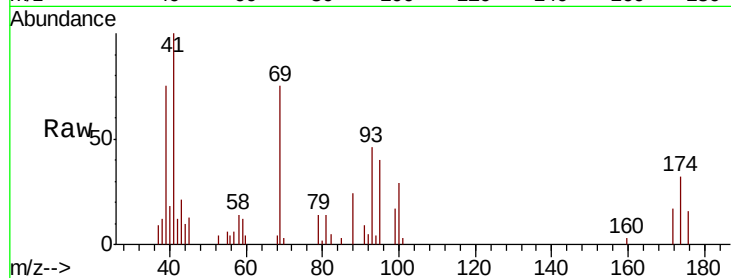




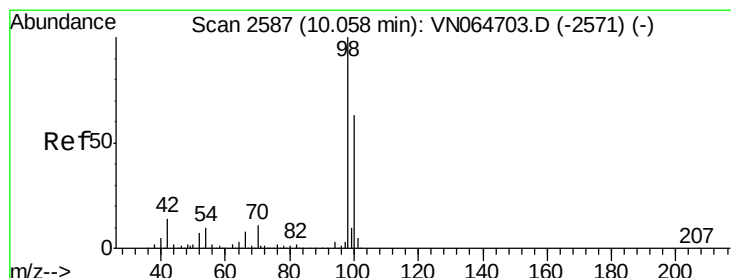
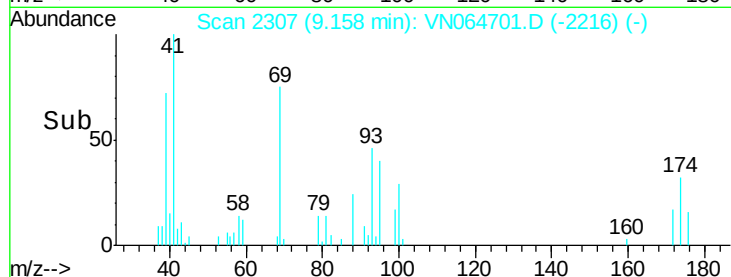
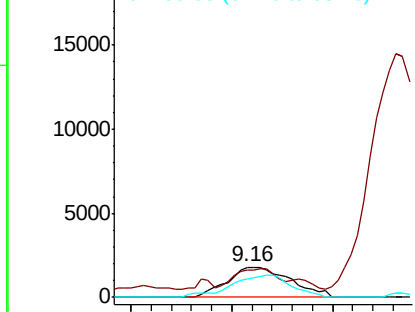
#49
 1,4-Dioxane
 Concen: 70.965 ug/l
 RT: 9.16 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 88 Resp: 3917
 Ion Ratio Lower Upper
 88 100
 43 42.4 31.3 46.9
 58 70.0 55.7 83.5

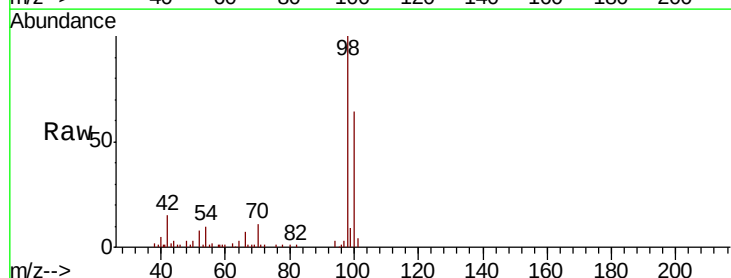


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

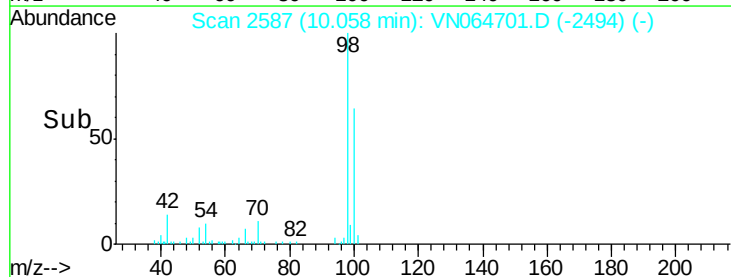
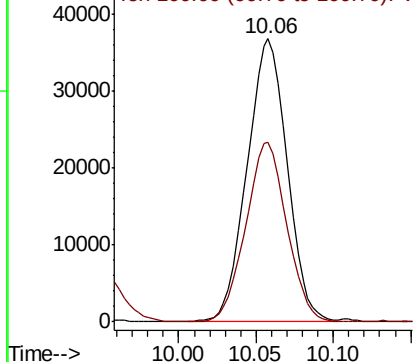


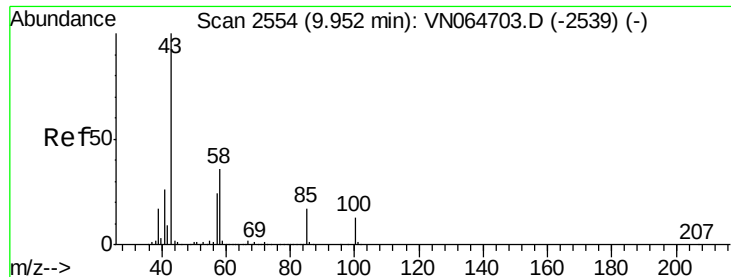
#50
 Toluene-d8
 Concen: 5.030 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 98 Resp: 66503
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.4 75.6



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

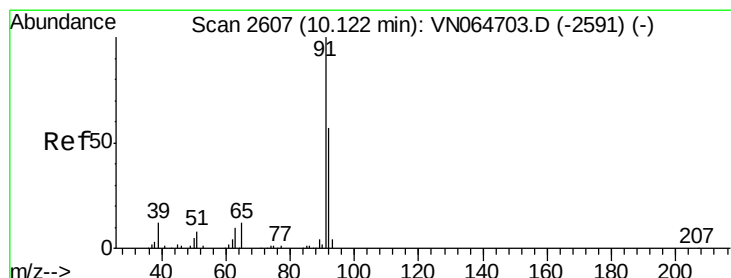
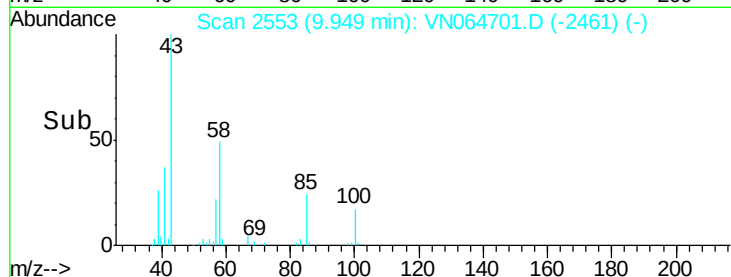
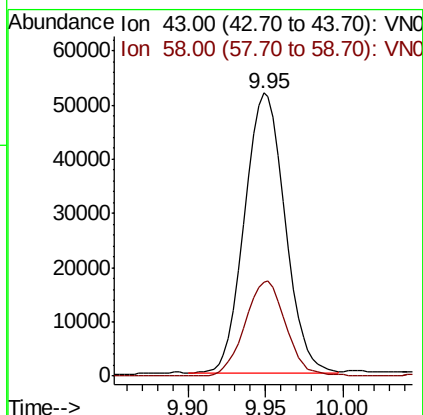
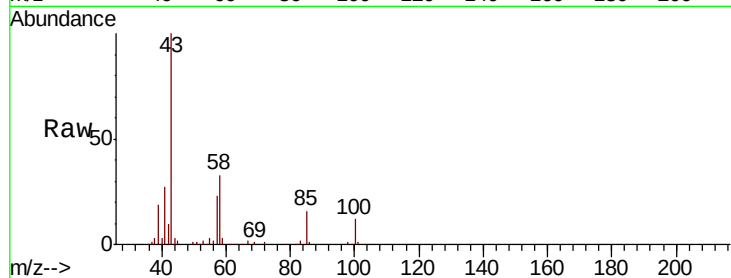




#51
 4-Methyl-2-Pentanone
 Concen: 19.245 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

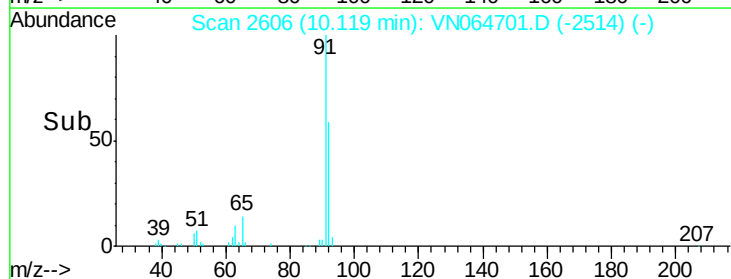
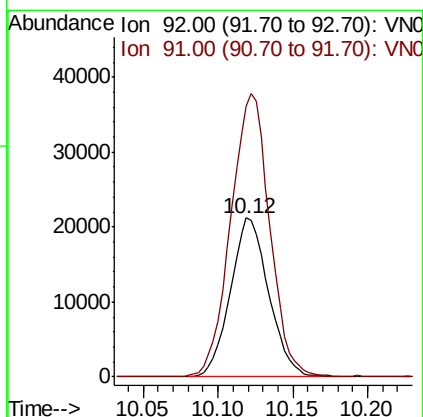
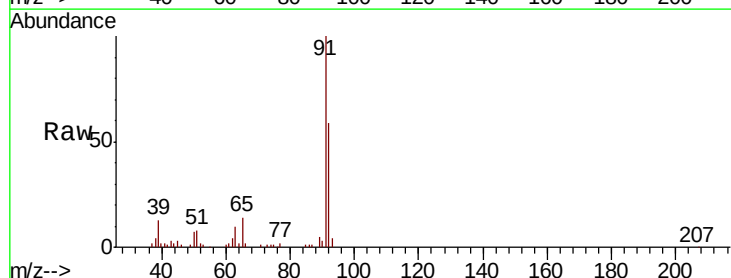
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

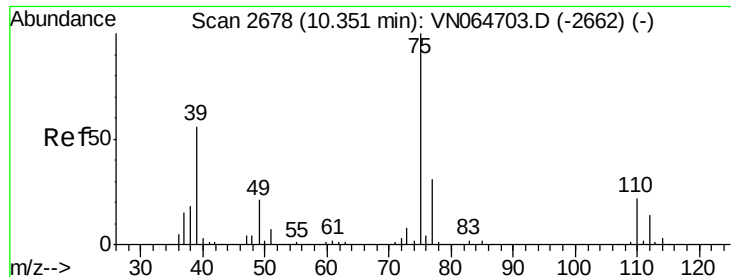
Tot Ion: 43 Resp: 94241
 Ion Ratio Lower Upper
 43 100
 58 34.3 28.5 42.7



#52
 Toluene
 Concen: 4.034 ug/l
 RT: 10.12 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 92 Resp: 37785
 Ion Ratio Lower Upper
 92 100
 91 180.9 141.2 211.8

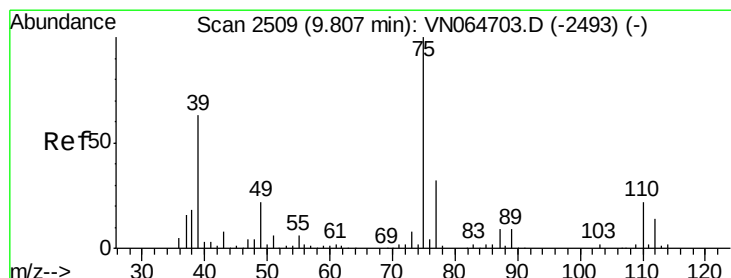
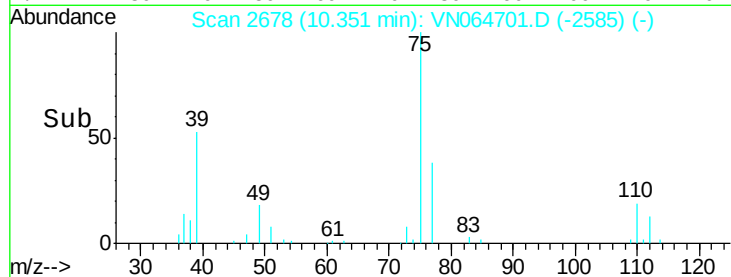
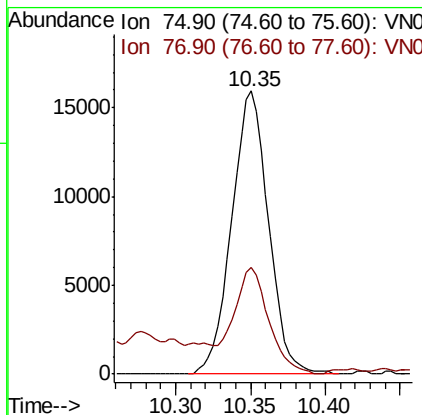
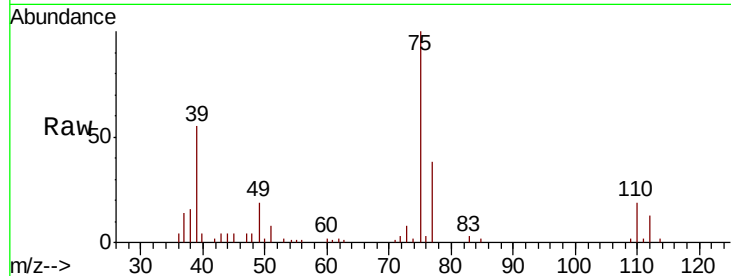




#53
 t-1,3-Dichloropropene
 Concen: 4.433 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

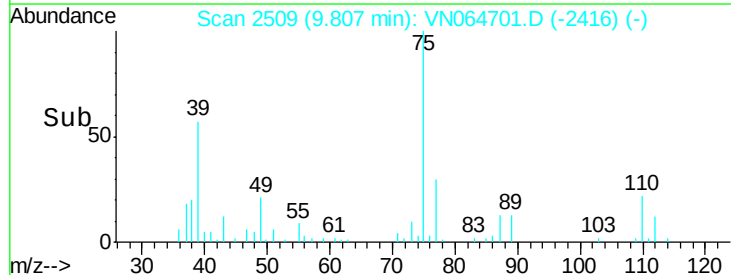
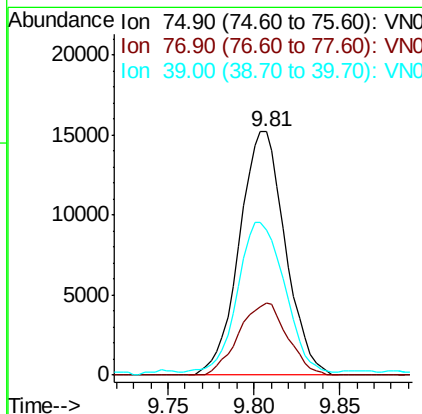
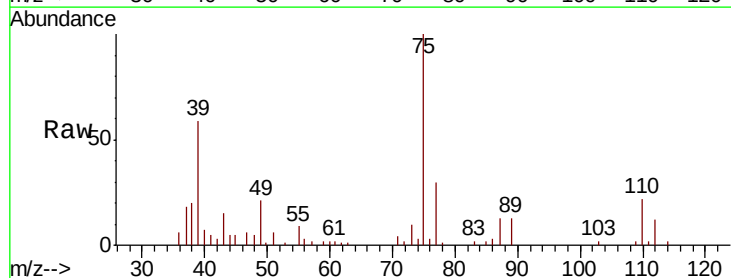
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

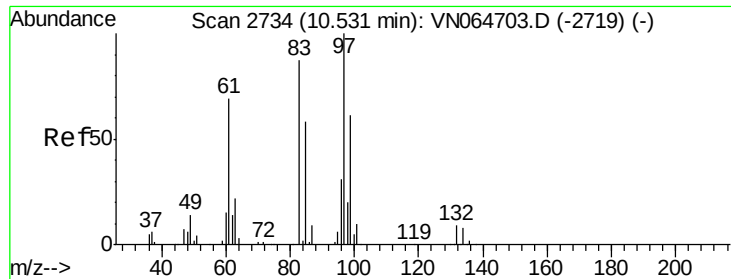
Tot Ion: 75 Resp: 27297
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.307 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 75 Resp: 28213
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.8 38.8
 39 58.2 50.5 75.7

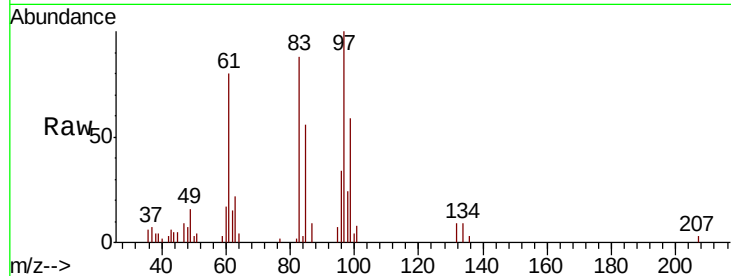




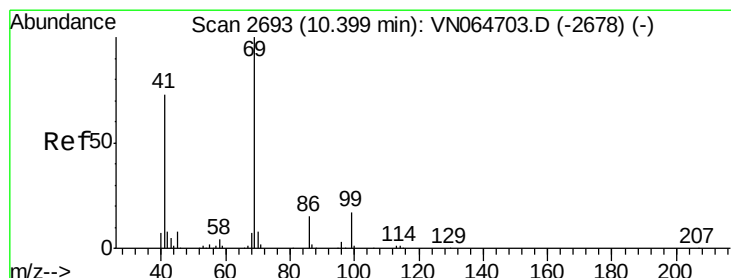
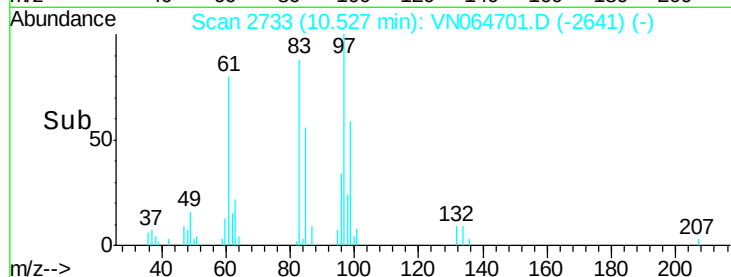
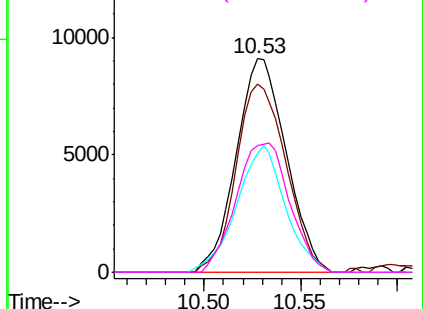
#55
 1,1,2-Trichloroethane
 Concen: 4.455 ug/l
 RT: 10.53 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion:	97	Resp:	16356
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.6	104.4
85	55.9	46.6	70.0
99	59.3	48.9	73.3

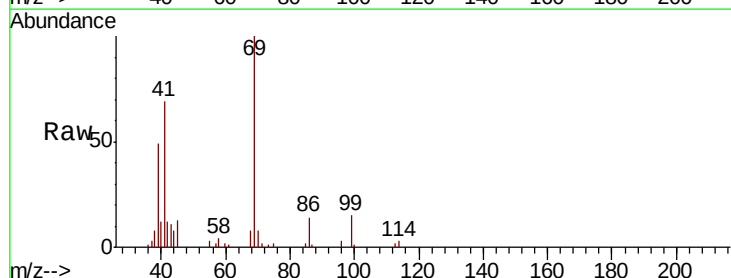


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

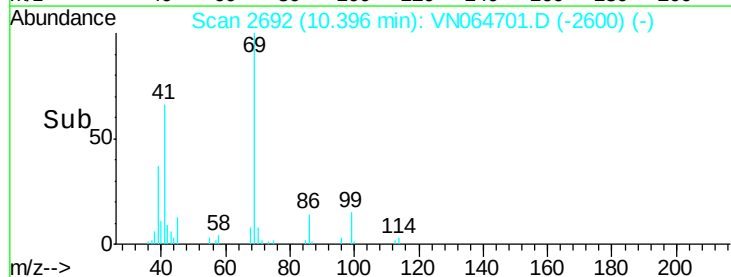
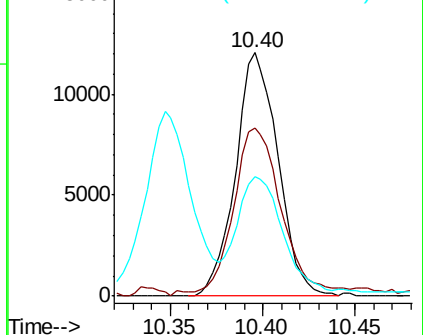


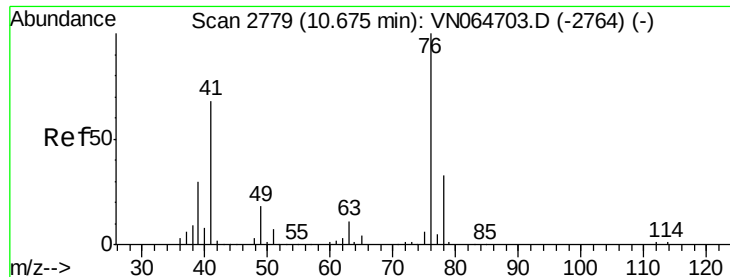
#56
 Ethyl methacrylate
 Concen: 3.618 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion:	69	Resp:	19151
Ion	Ratio	Lower	Upper
69	100		
41	79.4	59.0	88.4
39	52.6	38.4	57.6



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

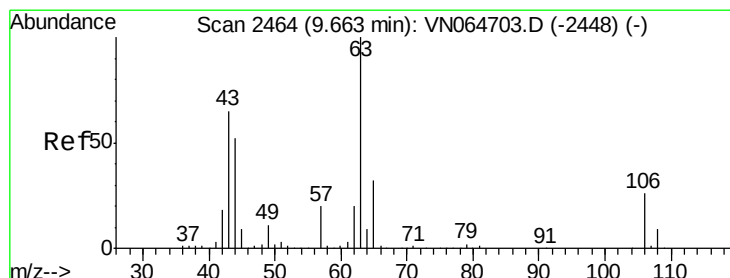
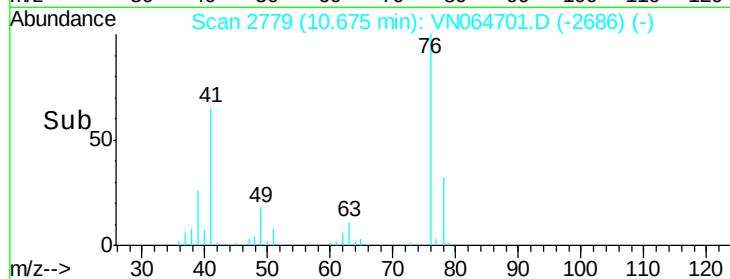
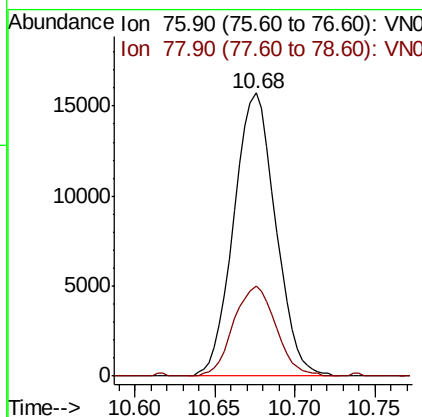
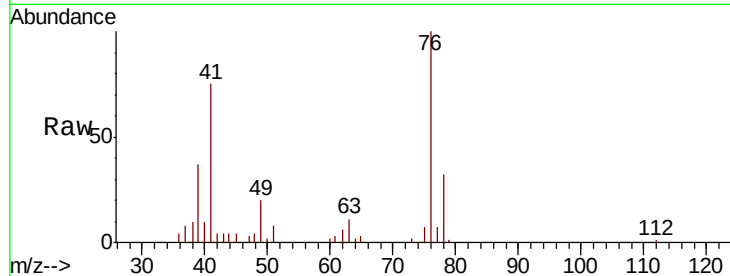




#57
 1,3-Dichloropropane
 Concen: 4.392 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

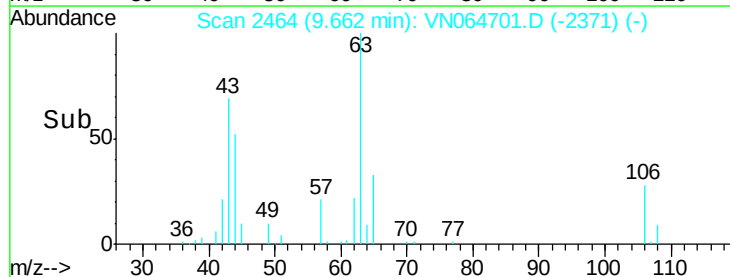
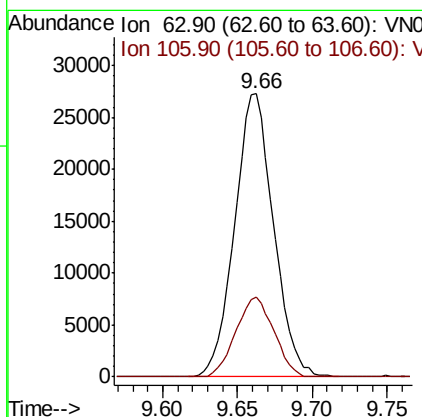
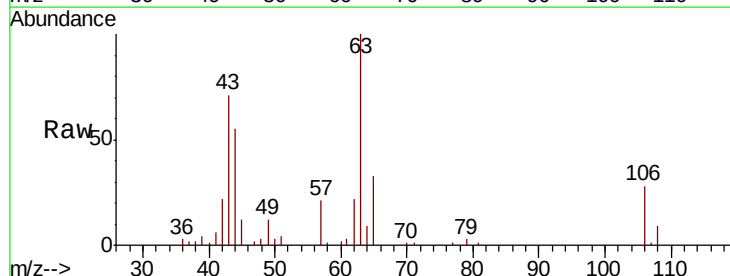
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

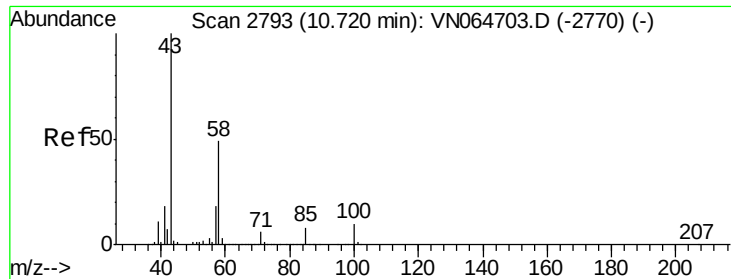
Tot Ion: 76 Resp: 28049
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.525 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 63 Resp: 49421
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.9 31.3

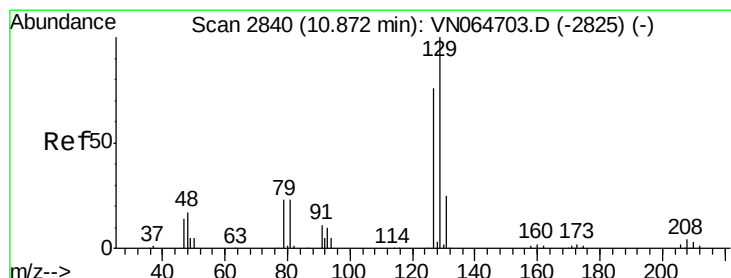
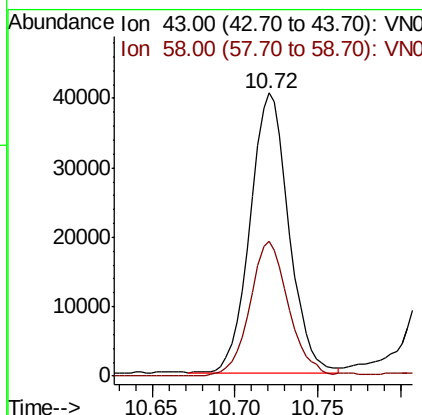
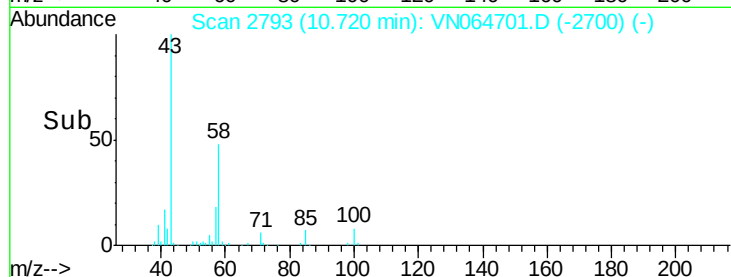
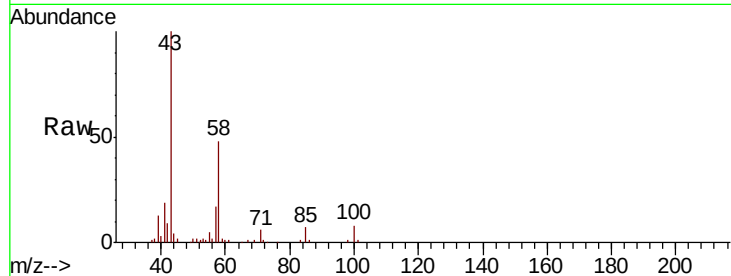




#59
2-Hexanone
Concen: 18.452 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

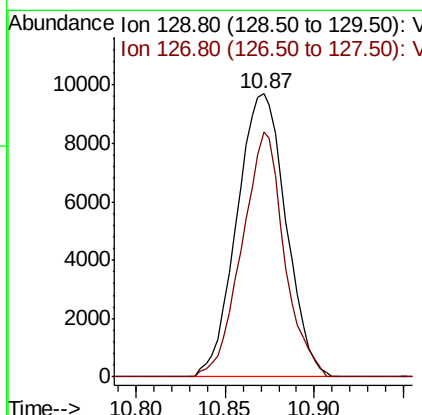
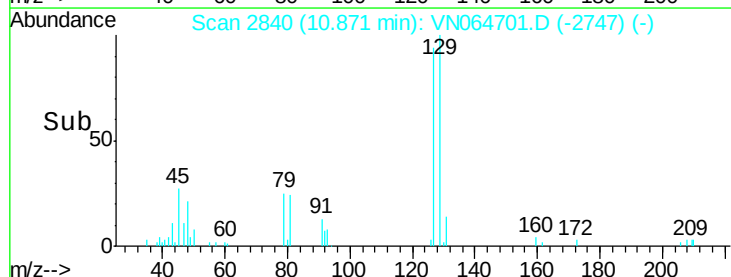
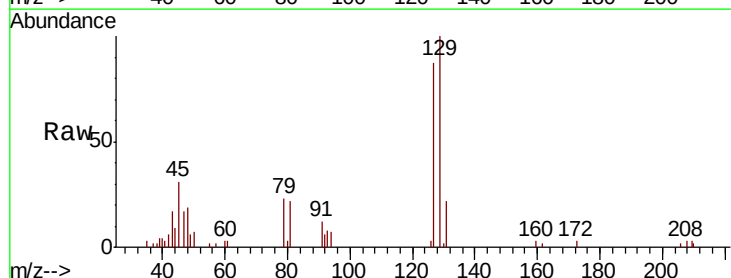
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

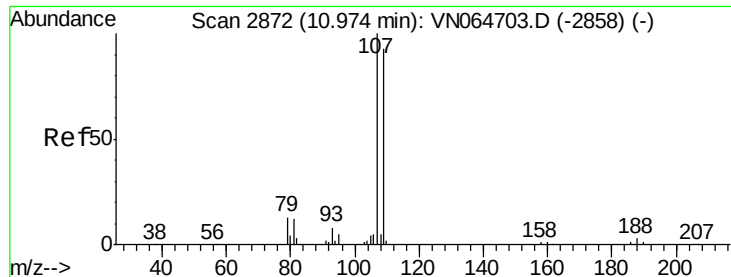
Tot Ion: 43 Resp: 65297
Ion Ratio Lower Upper
43 100
58 48.2 24.4 73.4



#60
Dibromochloromethane
Concen: 4.533 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 129 Resp: 18624
Ion Ratio Lower Upper
129 100
127 74.5 38.8 116.4

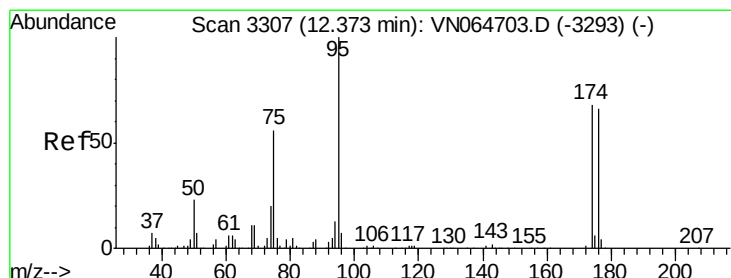
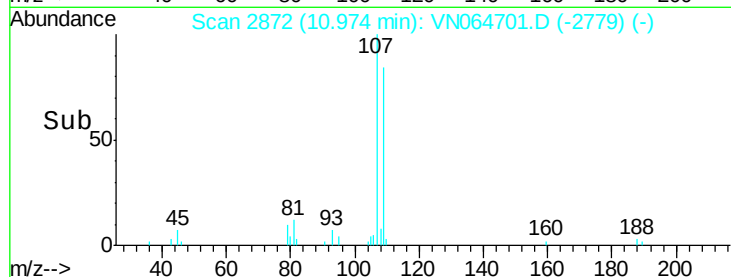
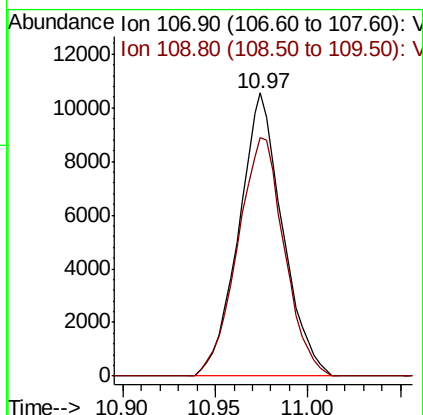
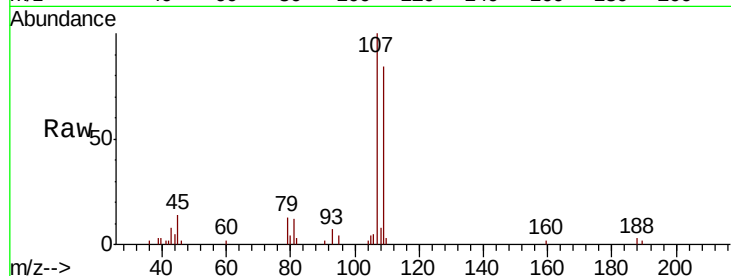




#61
 1,2-Dibromoethane
 Concen: 4.615 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

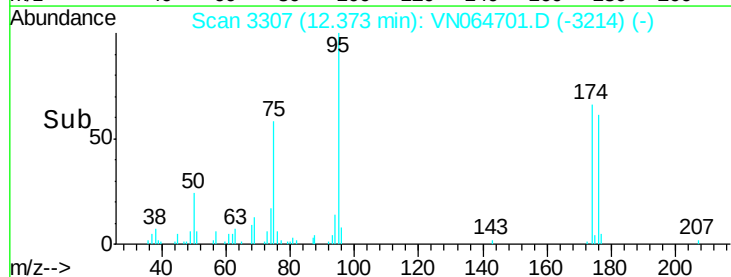
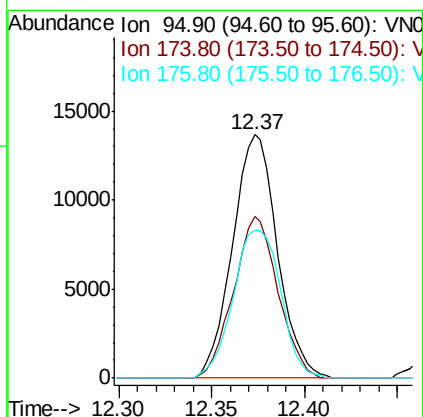
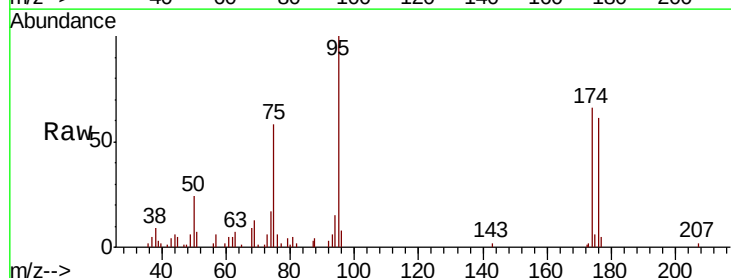
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

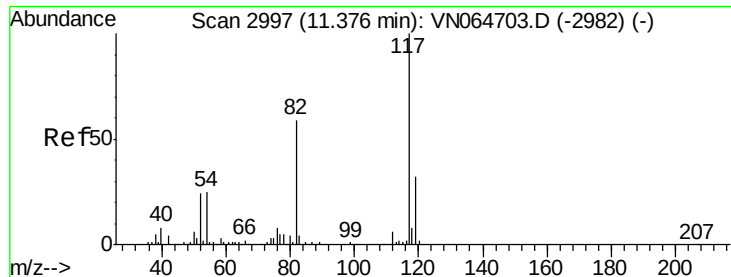
Tot Ion: 107 Resp: 17211
 Ion Ratio Lower Upper
 107 100
 109 90.2 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 4.625 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 95 Resp: 23026
 Ion Ratio Lower Upper
 95 100
 174 65.7 0.0 136.8
 176 64.7 0.0 134.2

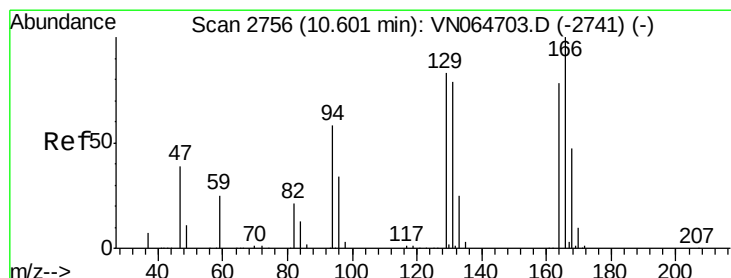
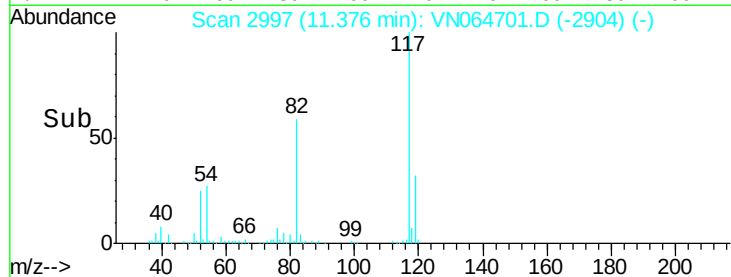
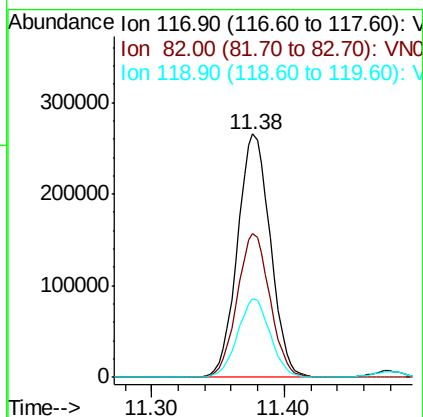
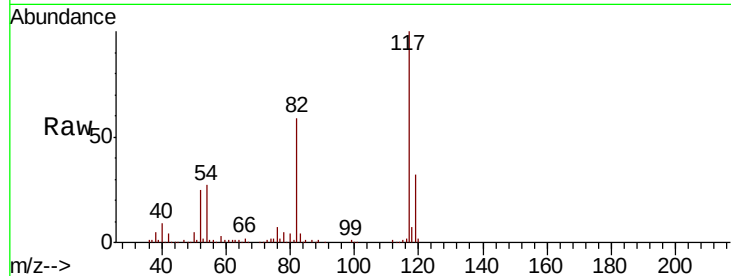




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

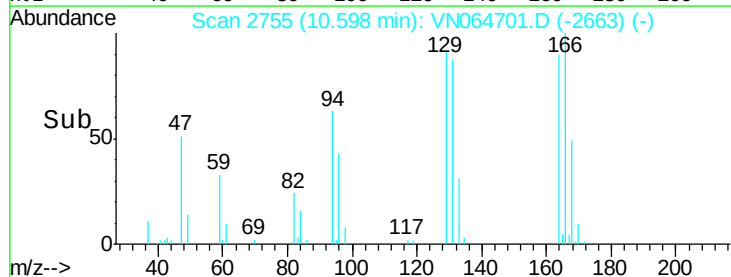
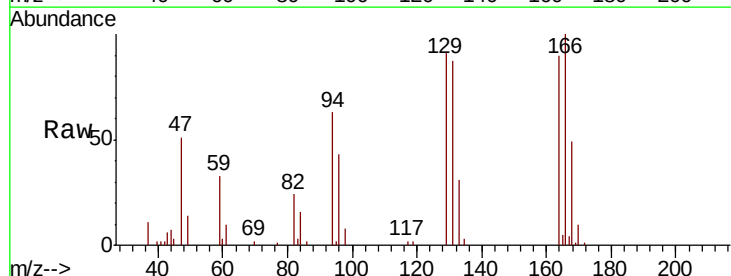
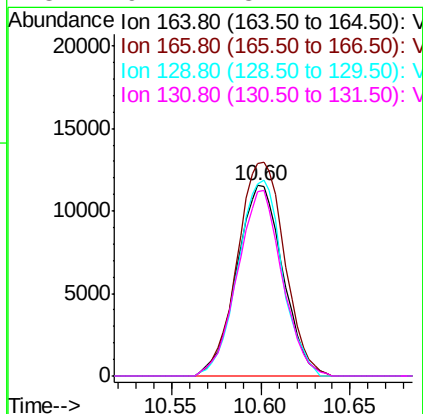
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

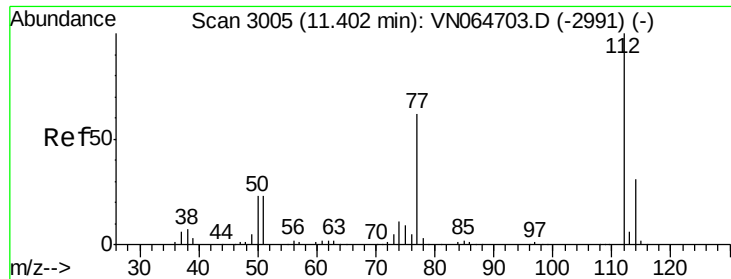
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.0	70.6
119	32.1	25.4	38.2



#64
Tetrachloroethene
Concen: 5.794 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	111.7	102.2	153.4
129	101.3	84.7	127.1
131	97.2	81.1	121.7

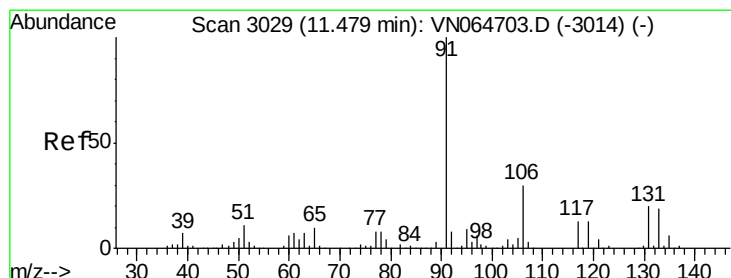
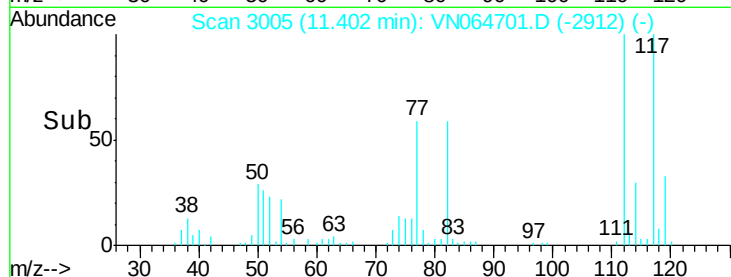
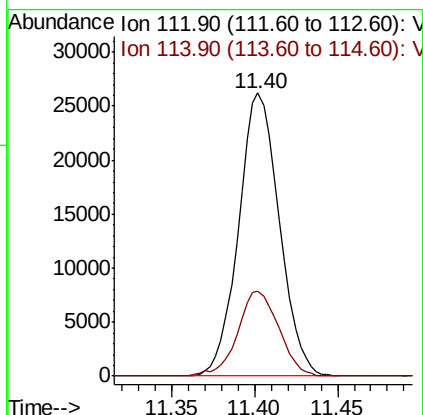
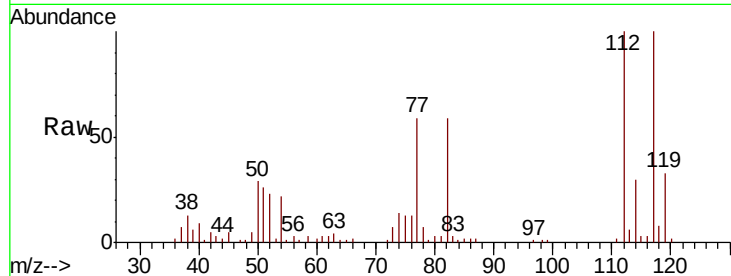




#65
Chlorobenzene
Concen: 4.507 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

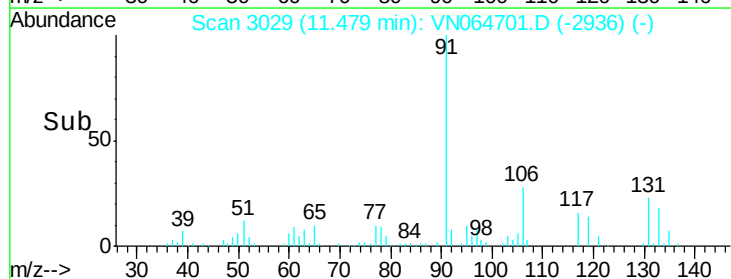
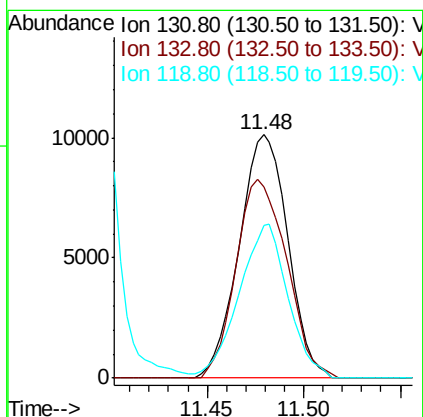
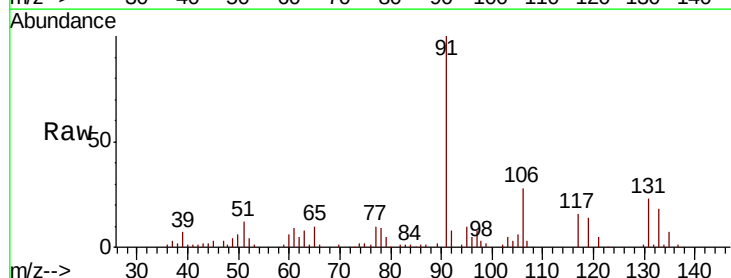
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

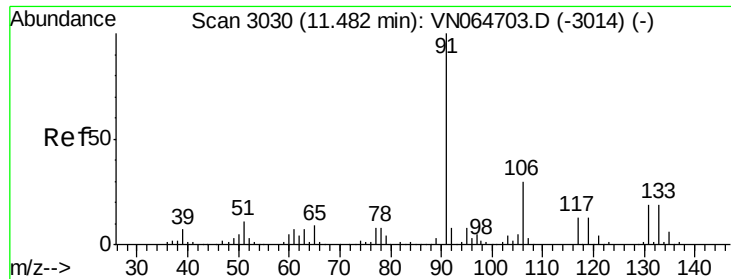
Tot Ion:112 Resp: 44720
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.803 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion:131 Resp: 17716
Ion Ratio Lower Upper
131 100
133 85.1 48.8 146.4
119 63.8 33.5 100.4

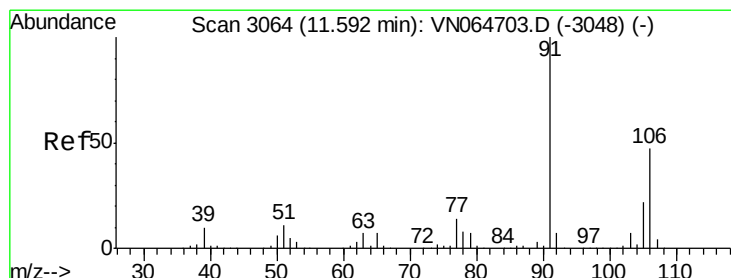
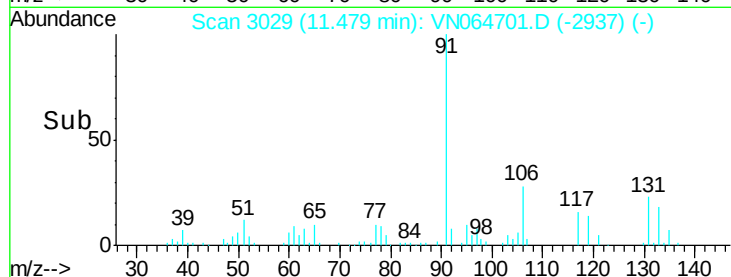
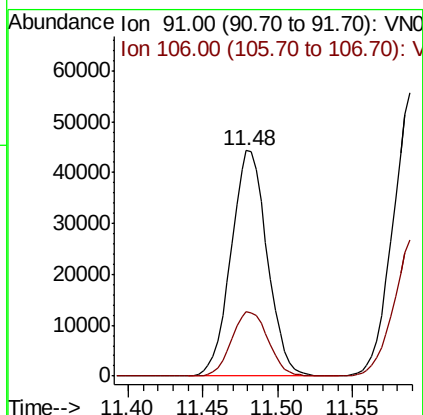
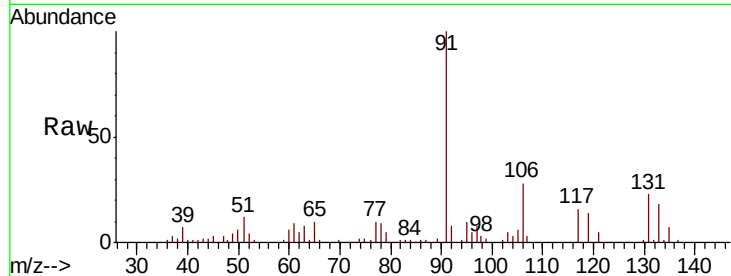




#67
Ethyl Benzene
Concen: 4.261 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

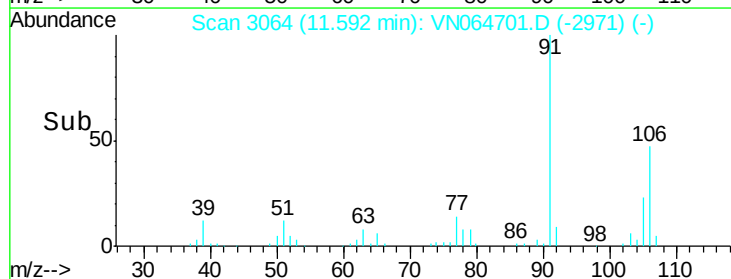
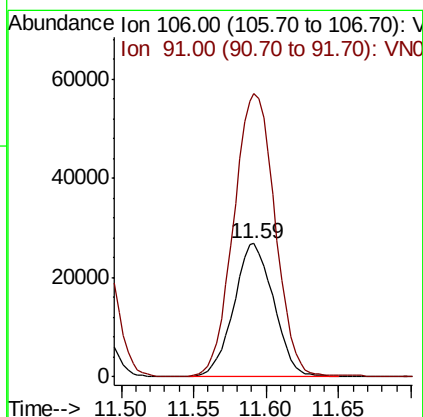
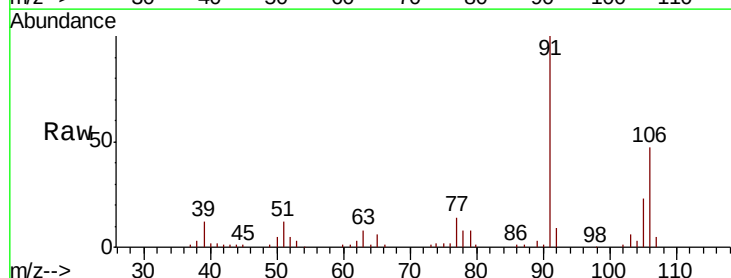
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

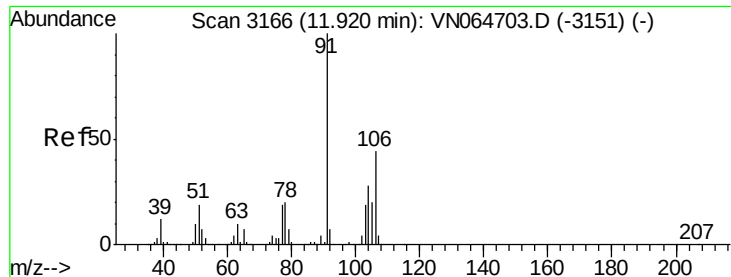
Tot Ion: 91 Resp: 74683
Ion Ratio Lower Upper
91 100
106 28.4 23.9 35.9



#68
m/p-Xylenes
Concen: 8.059 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 106 Resp: 51386
Ion Ratio Lower Upper
106 100
91 218.2 171.9 257.9

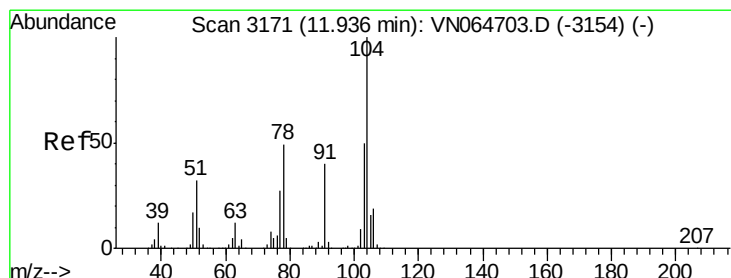
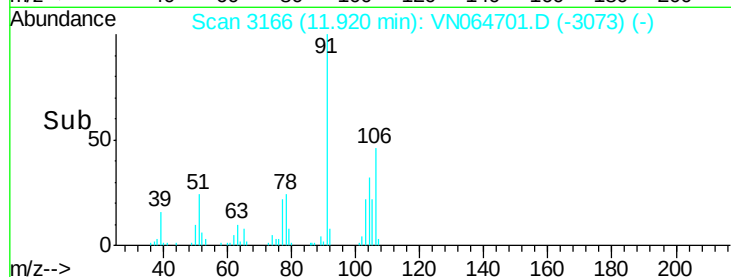
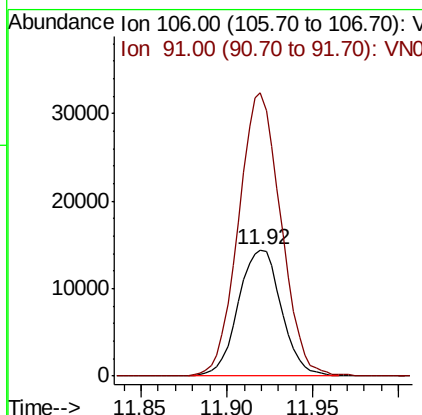
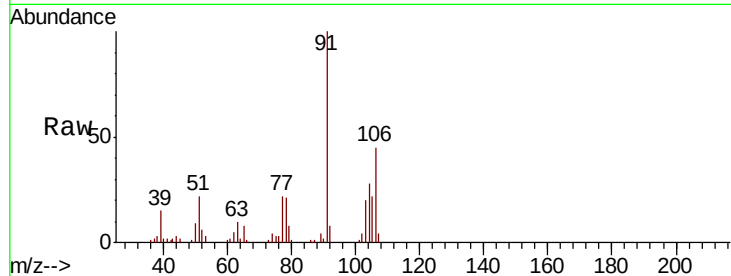




#69
o-Xylene
Concen: 4.078 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

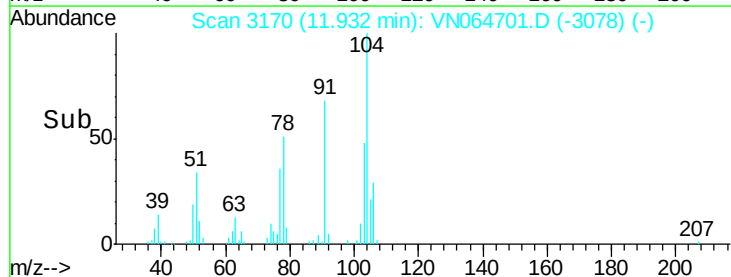
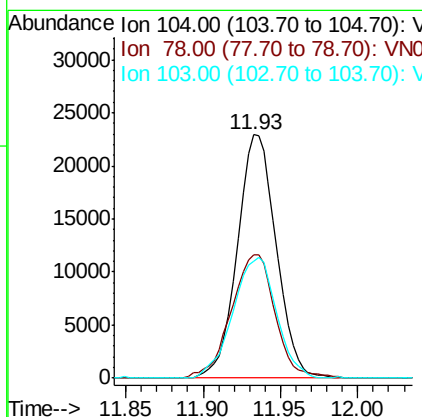
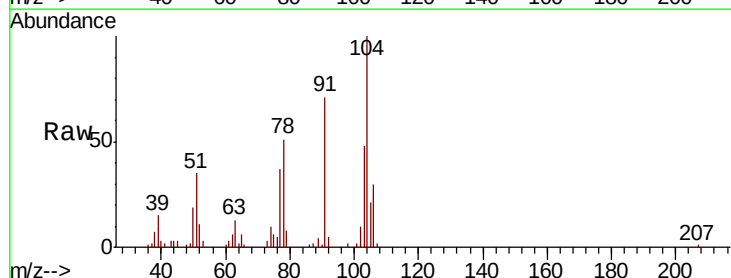
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

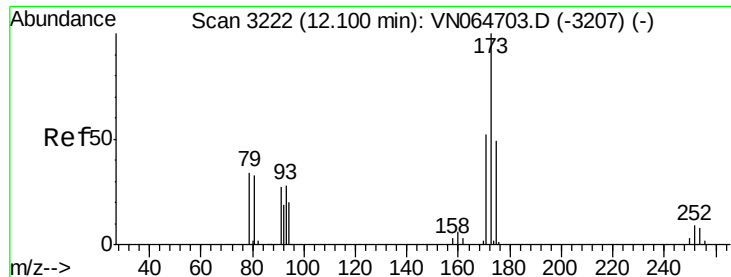
Tot Ion:106 Resp: 25095
Ion Ratio Lower Upper
106 100
91 221.5 112.1 336.3



#70
Styrene
Concen: 3.863 ug/l
RT: 11.93 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion:104 Resp: 40069
Ion Ratio Lower Upper
104 100
78 57.3 44.1 66.1
103 55.4 43.7 65.5





#71

Bromoform

Concen: 4.190 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

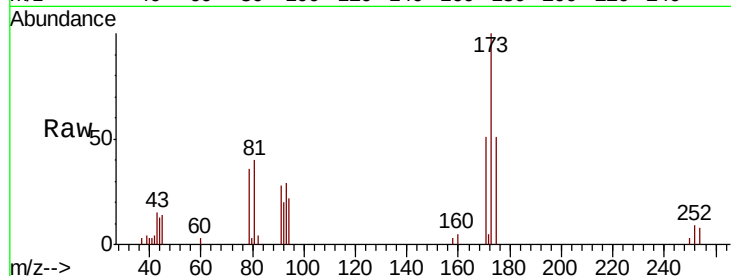
Tot Ion:173 Resp: 10410

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.9

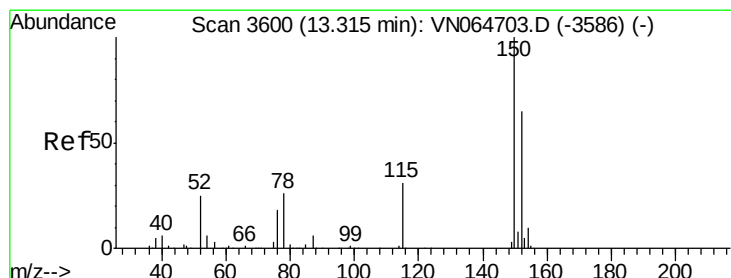
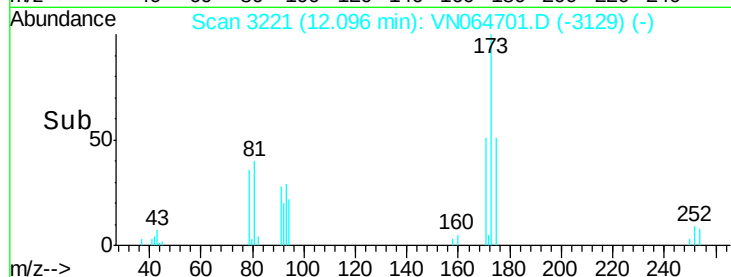
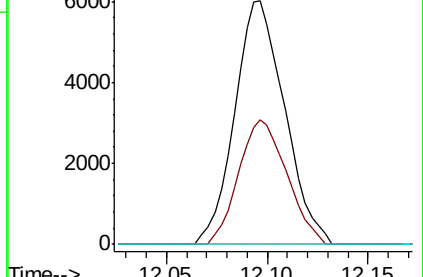
254 0.0 0.1 0.1#



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: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

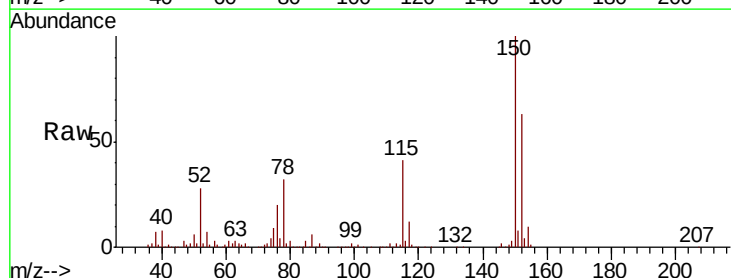
Tgt Ion:152 Resp: 198237

Ion Ratio Lower Upper

152 100

115 65.8 32.1 96.3

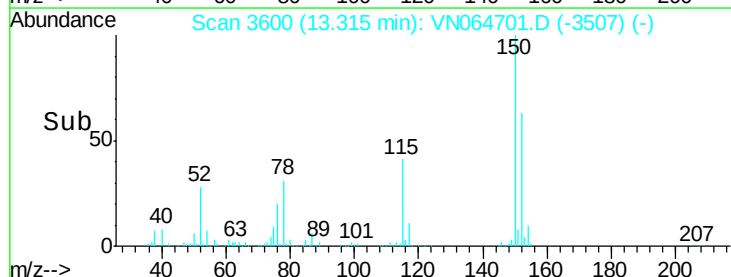
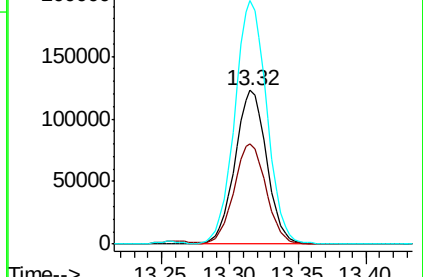
150 159.4 0.0 344.8

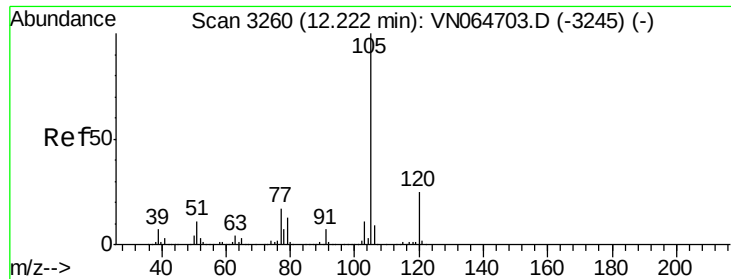


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.106 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

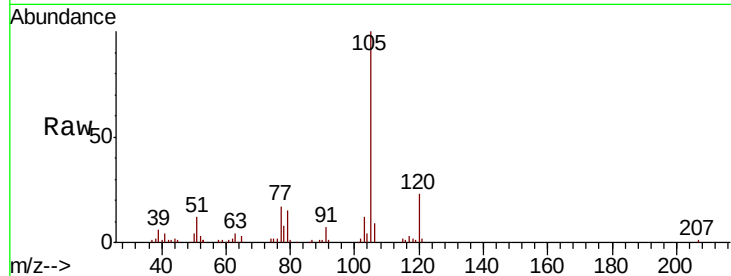
VSTDIC005

Tot Ion:105 Resp: 63008

Ion Ratio Lower Upper

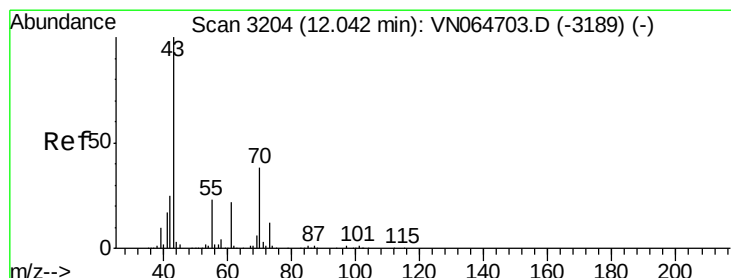
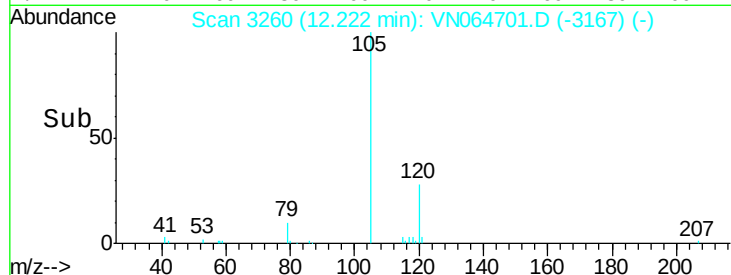
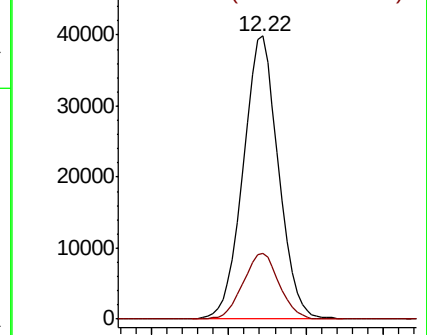
105 100

120 23.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.292 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Tgt Ion: 43 Resp: 28757

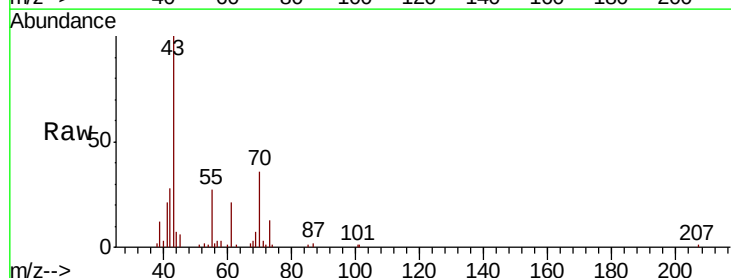
Ion Ratio Lower Upper

43 100

70 36.6 30.3 45.5

55 27.4 18.9 28.3

61 21.4 17.7 26.5

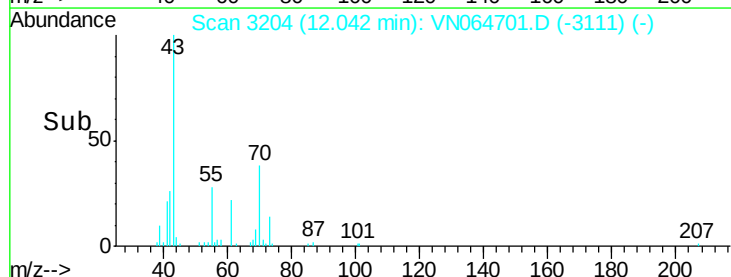
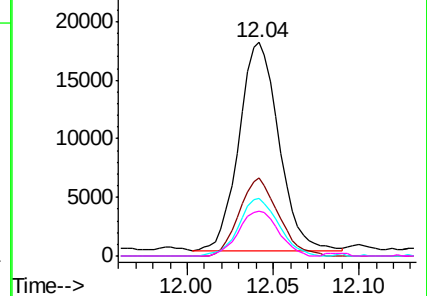


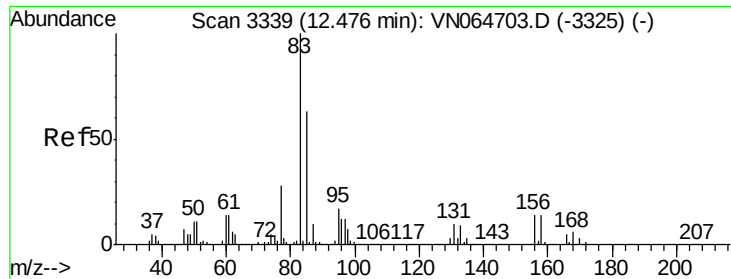
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 3.865 ug/l

RT: 12.47 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

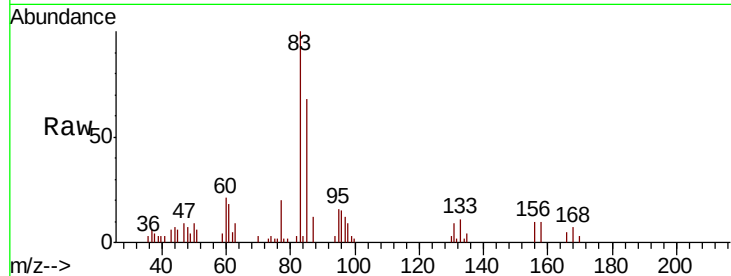
Tot Ion: 83 Resp: 18059

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

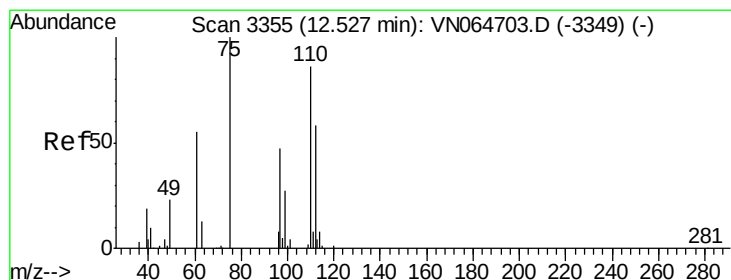
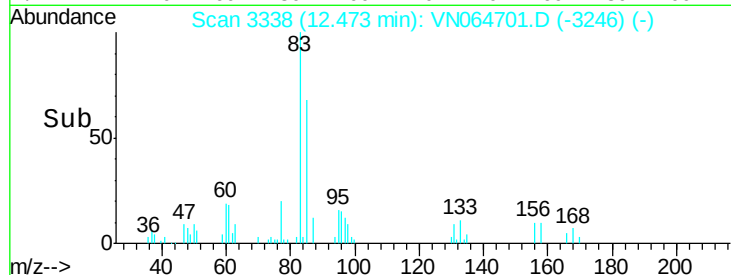
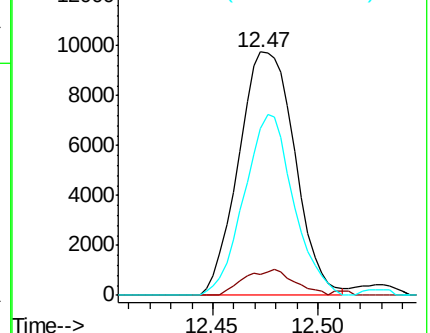
85 65.3 31.8 95.4



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: 6.239 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064701.D

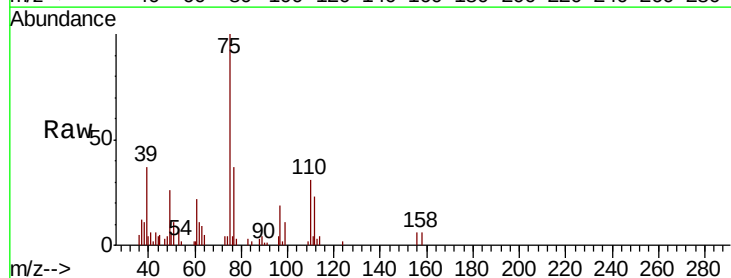
Acq: 18 Nov 2020 12:13

Tgt Ion: 75 Resp: 29217

Ion Ratio Lower Upper

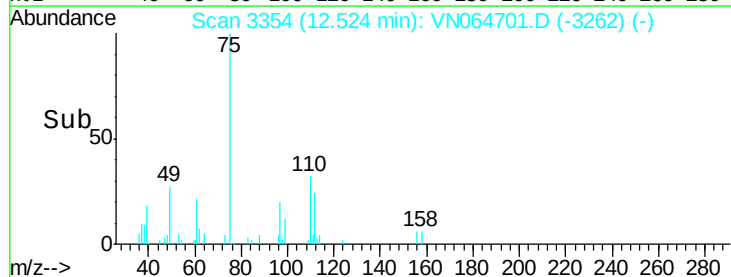
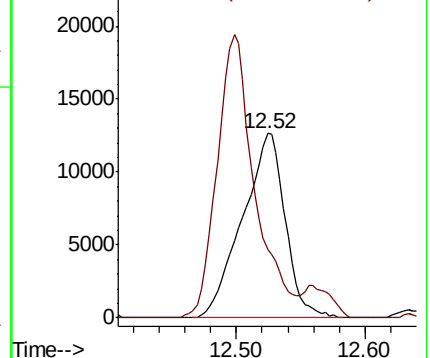
75 100

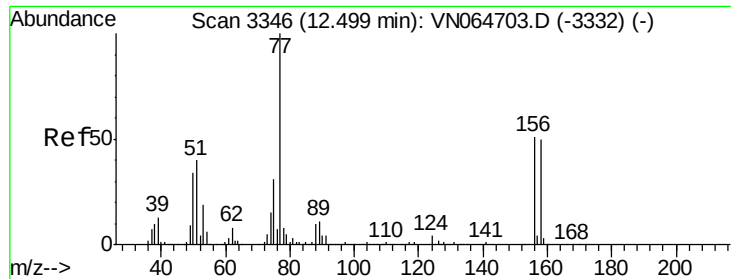
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 4.349 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

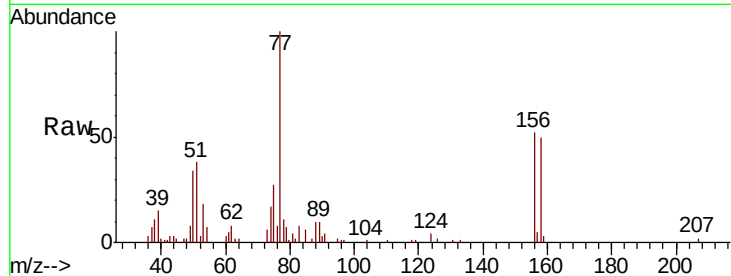
Tot Ion:156 Resp: 16409

Ion Ratio Lower Upper

156 100

77 238.7 117.3 351.9

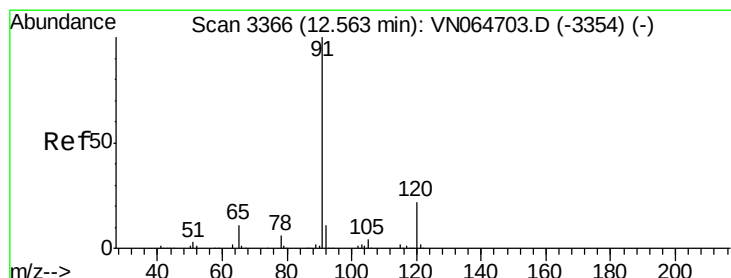
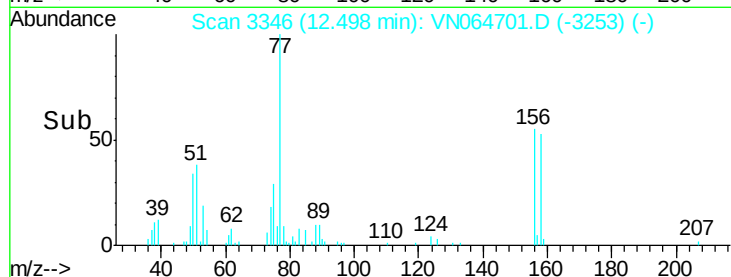
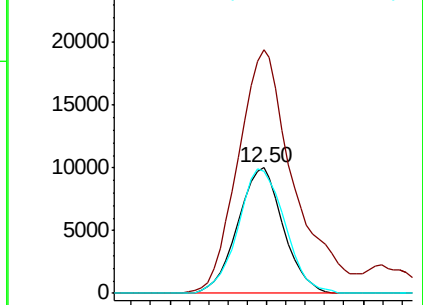
158 102.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.285 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064701.D

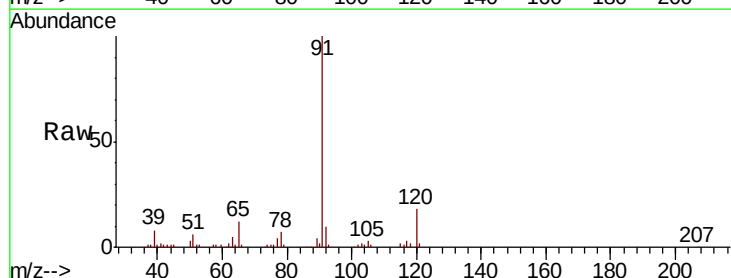
Acq: 18 Nov 2020 12:13

Tgt Ion: 91 Resp: 75112

Ion Ratio Lower Upper

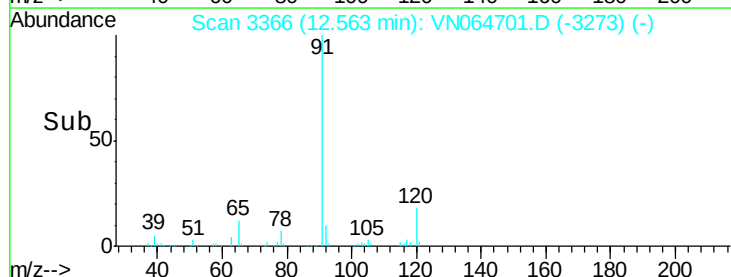
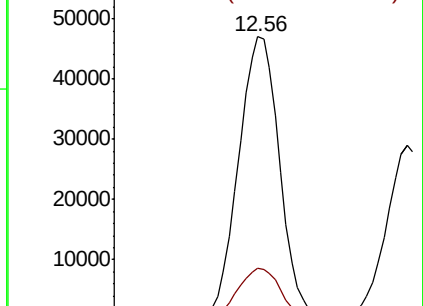
91 100

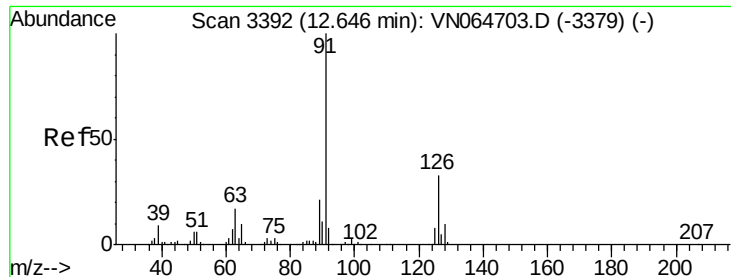
120 19.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

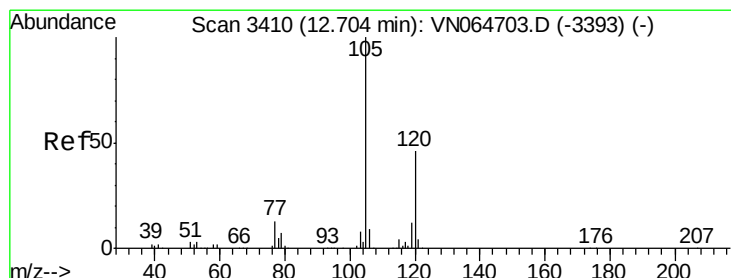
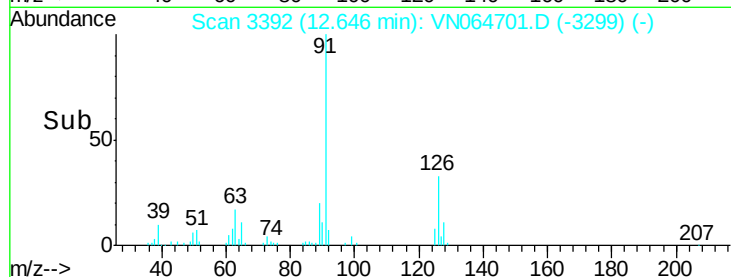
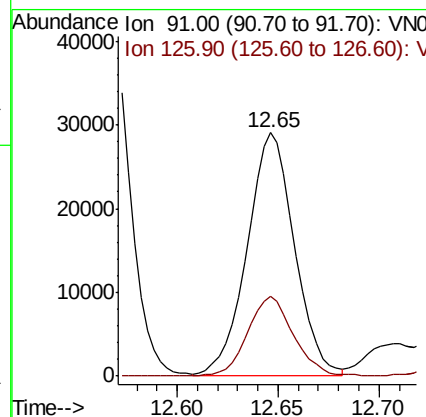
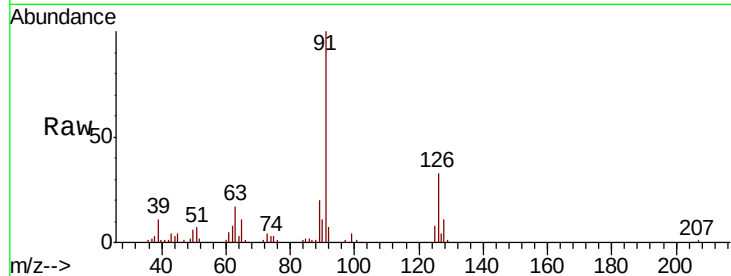




#79
 2-Chlorotoluene
 Concen: 4.245 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

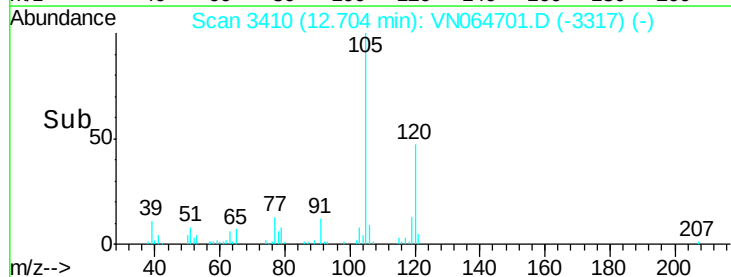
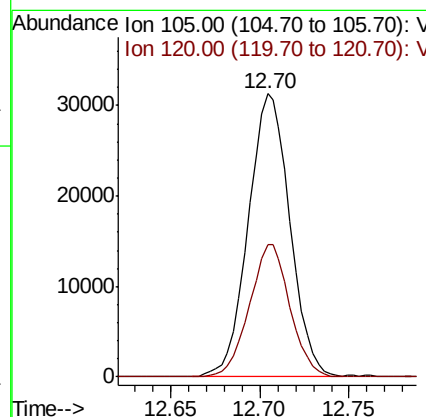
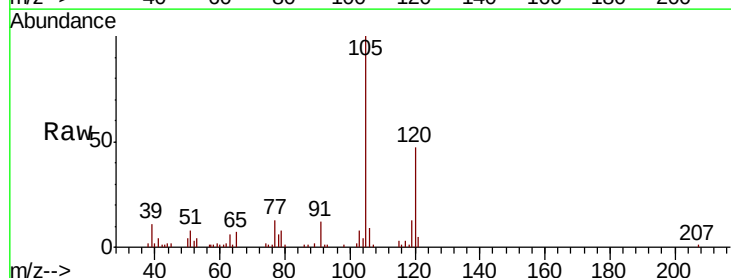
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

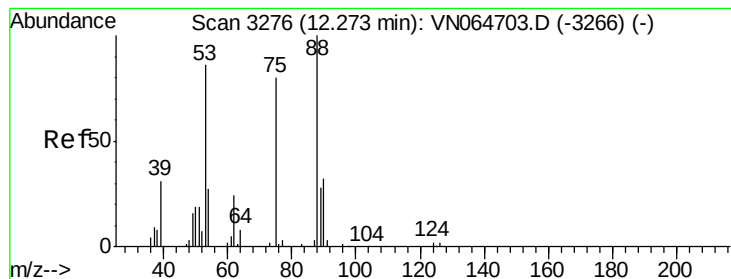
Tot Ion: 91 Resp: 47401
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.015 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion: 105 Resp: 51041
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.435 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

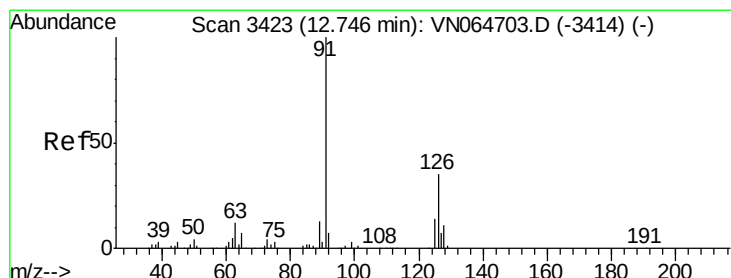
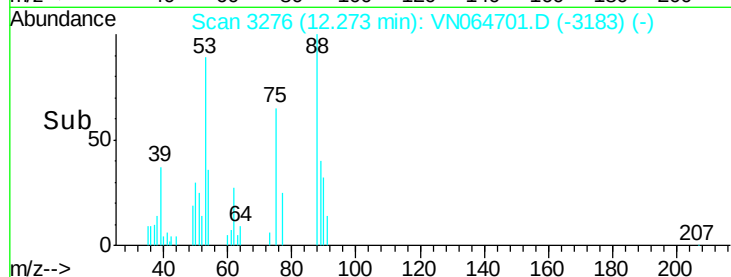
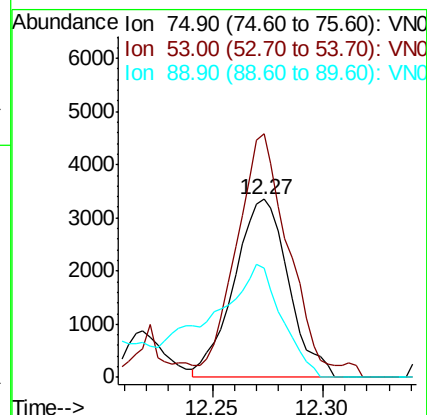
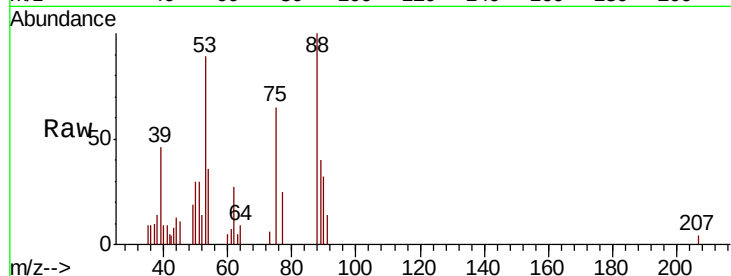
Tot Ion: 75 Resp: 5728

Ion Ratio Lower Upper

75 100

53 120.1 88.8 133.2

89 84.1 43.1 64.7#



#82

4-Chlorotoluene

Concen: 4.290 ug/l

RT: 12.74 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN064701.D

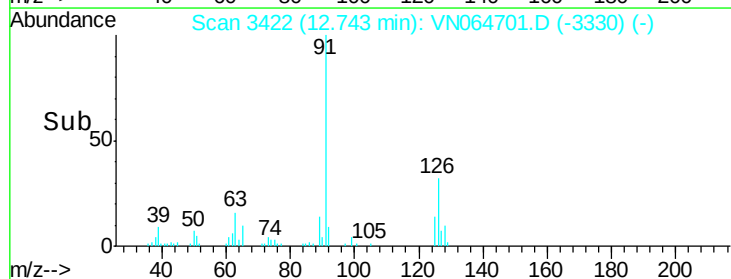
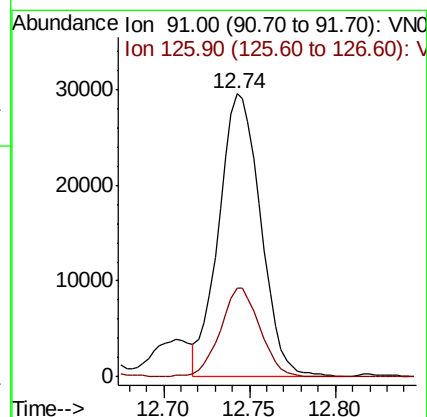
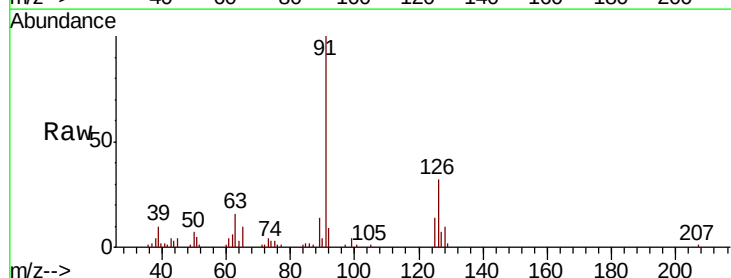
Acq: 18 Nov 2020 12:13

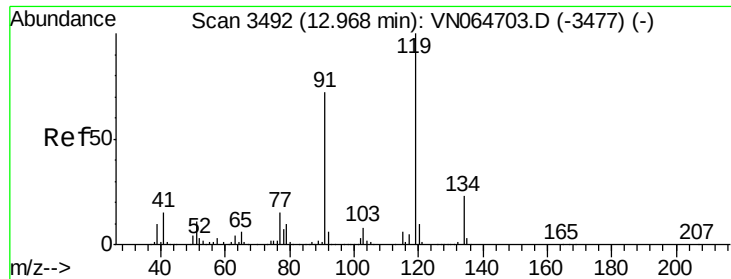
Tgt Ion: 91 Resp: 50125

Ion Ratio Lower Upper

91 100

126 29.8 15.9 47.7

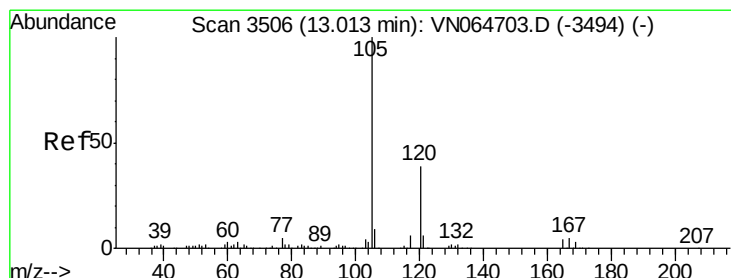
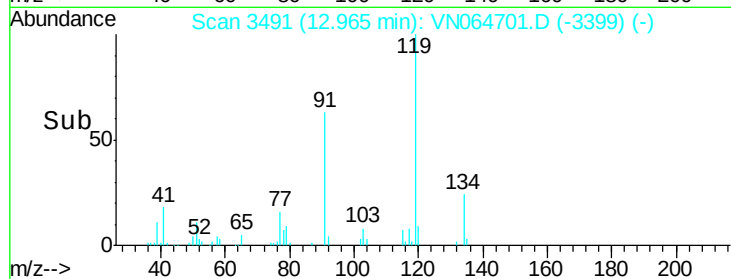
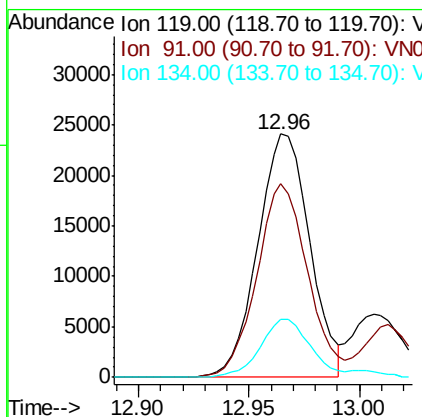
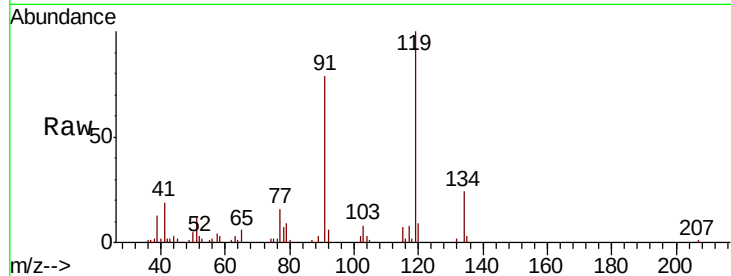




#83
 tert-Butylbenzene
 Concen: 3.957 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

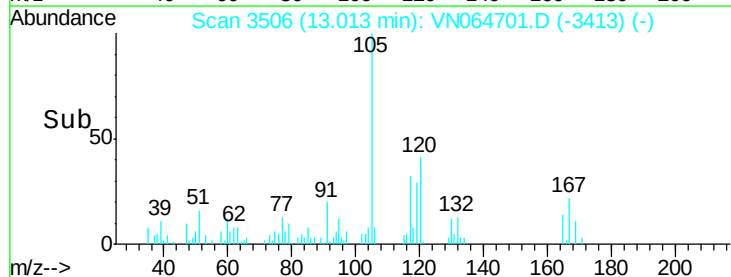
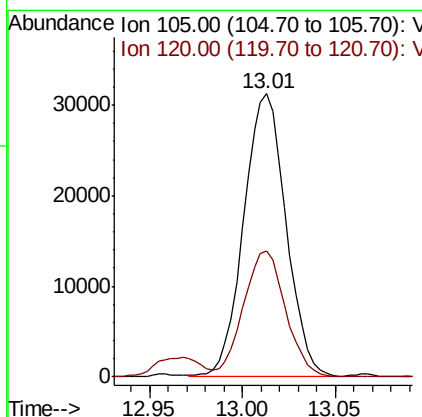
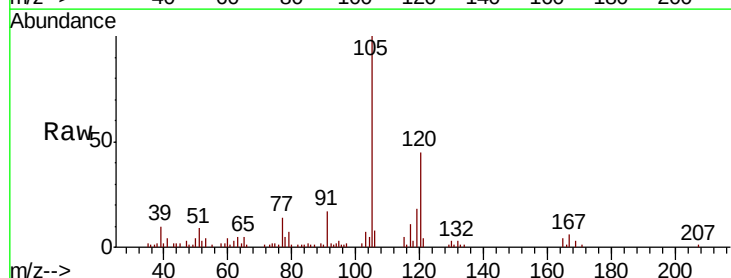
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

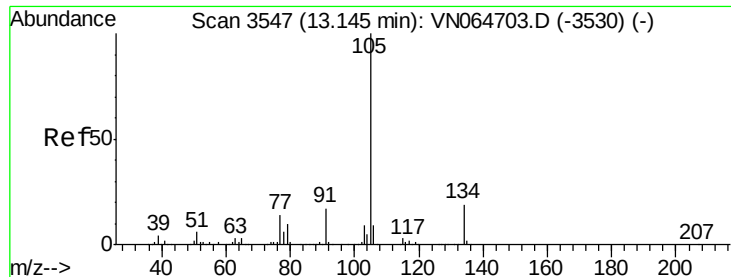
Tot Ion:119 Resp: 39359
 Ion Ratio Lower Upper
 119 100
 91 78.0 35.8 107.4
 134 22.8 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 3.903 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion:105 Resp: 49781
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 4.260 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

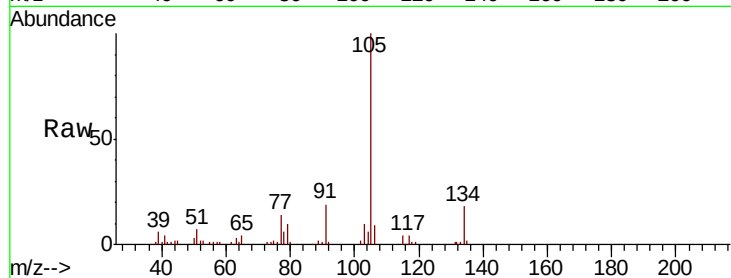
VSTDIC005

Tot Ion:105 Resp: 53698

Ion Ratio Lower Upper

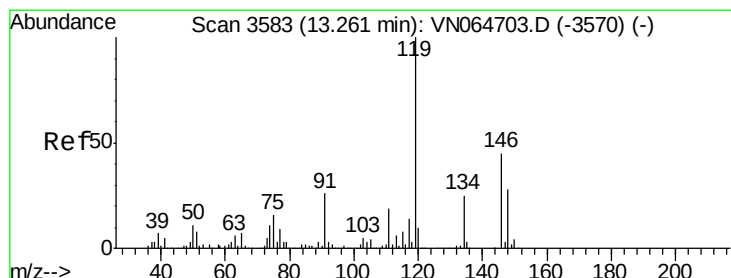
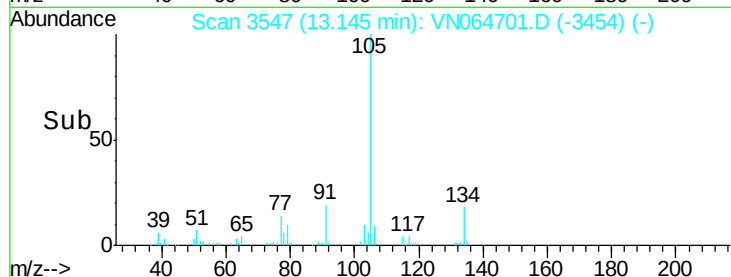
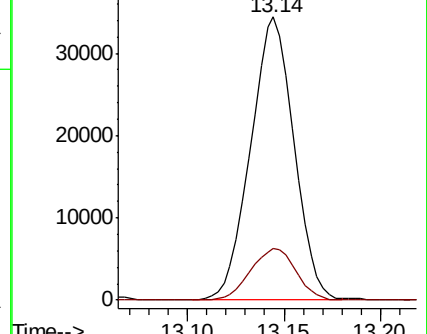
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.179 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

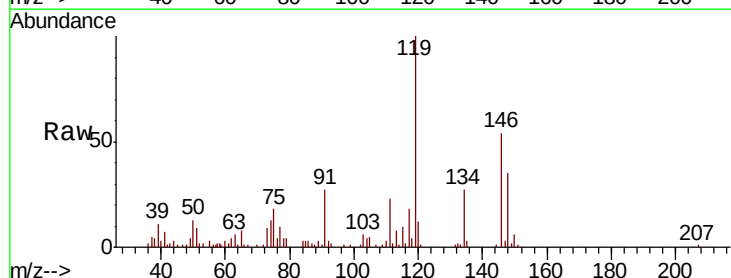
Tgt Ion:119 Resp: 47525

Ion Ratio Lower Upper

119 100

134 24.6 12.7 38.0

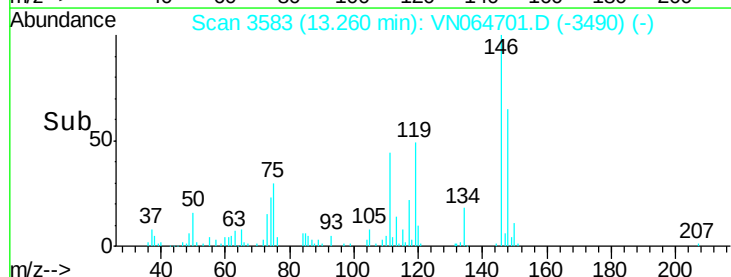
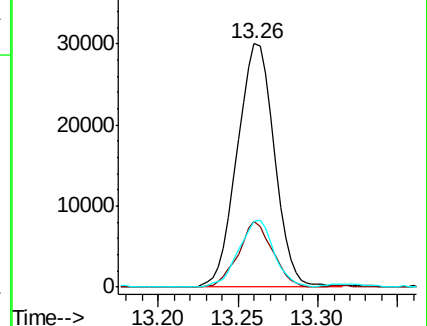
91 26.1 13.3 39.8

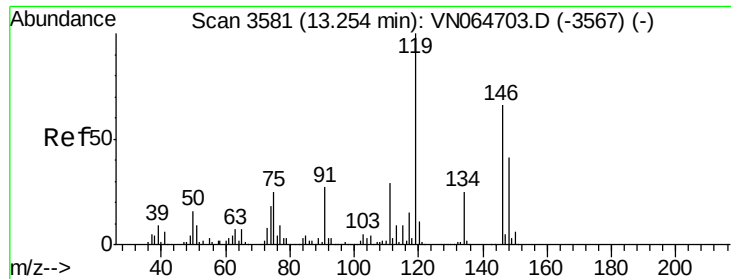


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

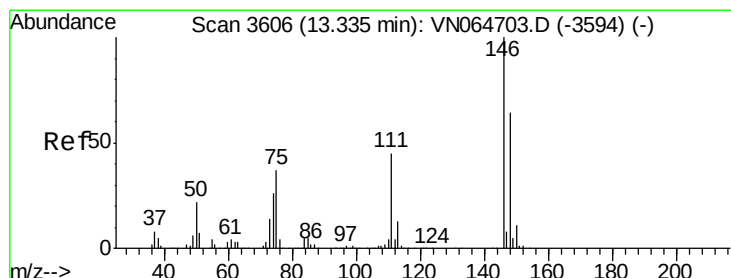
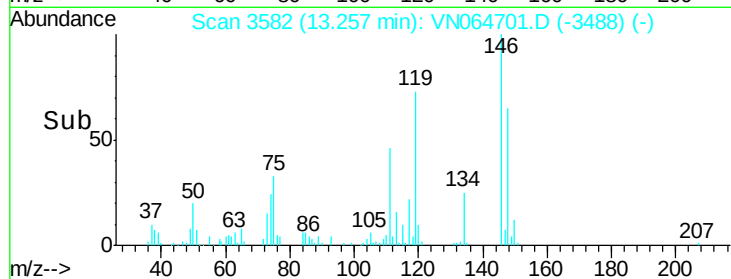
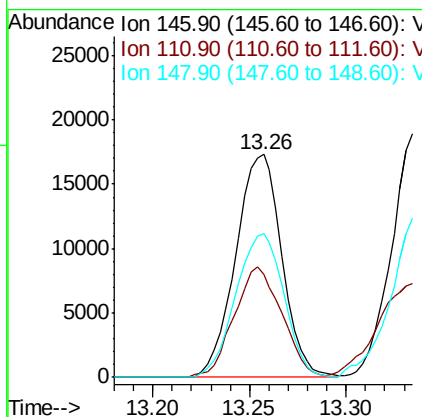
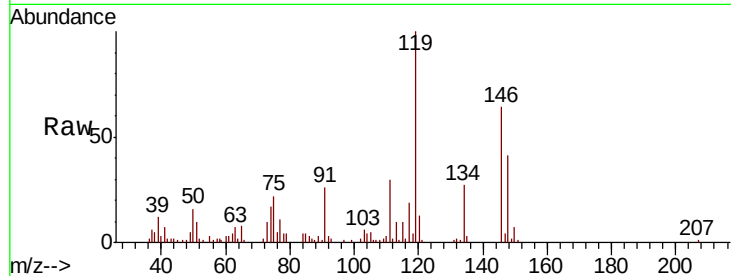




#87
 1,3-Dichlorobenzene
 Concen: 4.390 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

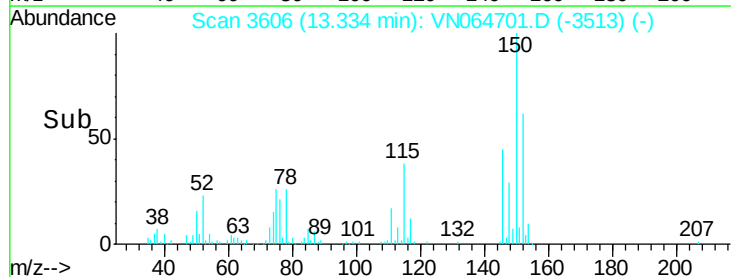
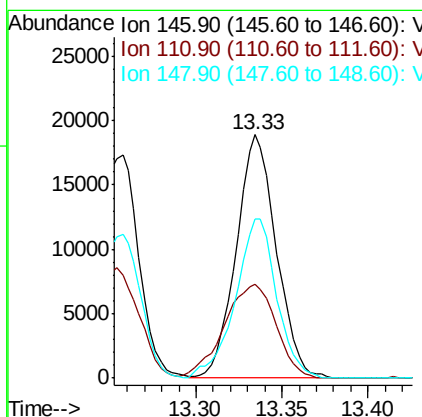
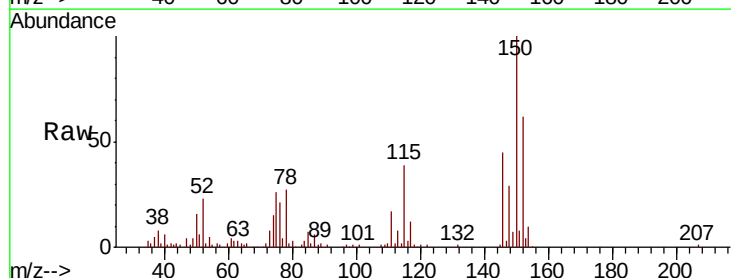
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

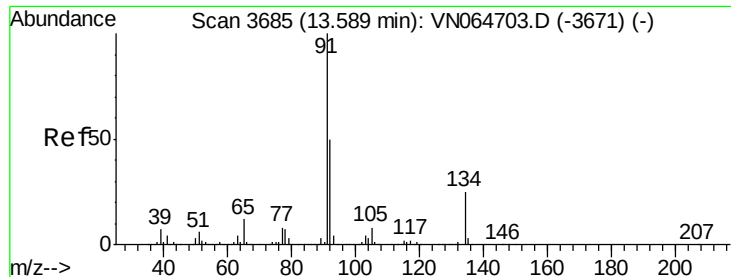
Tot Ion:146 Resp: 28721
 Ion Ratio Lower Upper
 146 100
 111 51.1 21.8 65.4
 148 67.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 4.530 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion:146 Resp: 30643
 Ion Ratio Lower Upper
 146 100
 111 50.0 22.3 66.8
 148 67.3 31.6 94.7

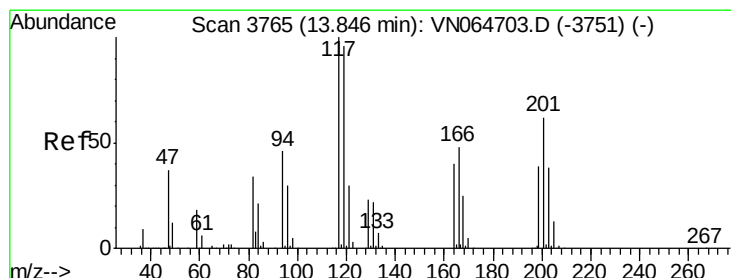
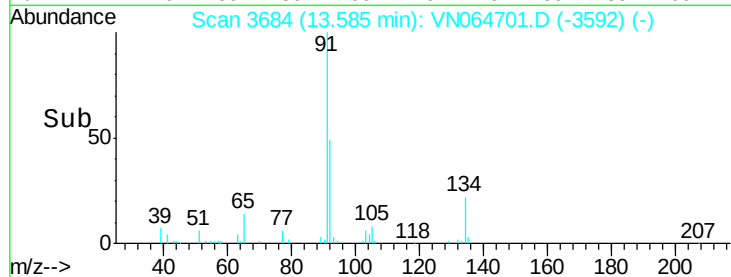
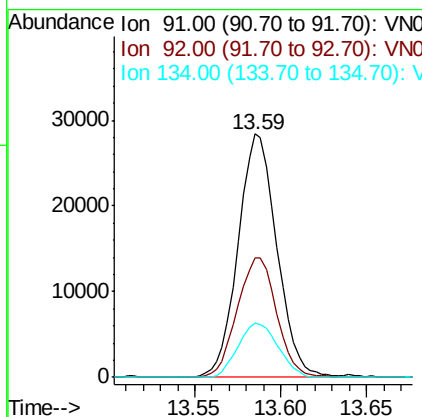
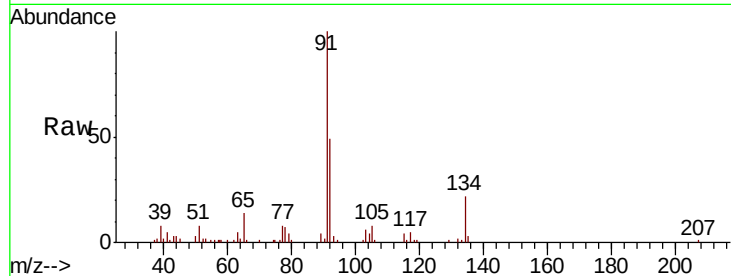




#89
n-Butylbenzene
Concen: 4.515 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

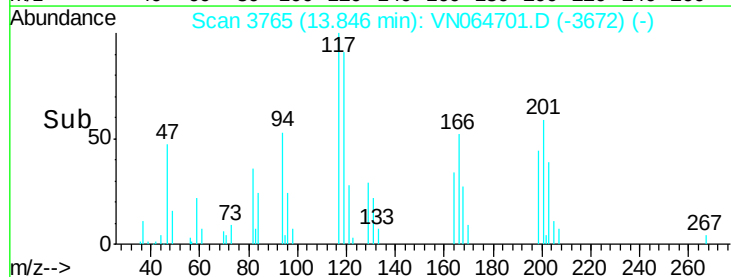
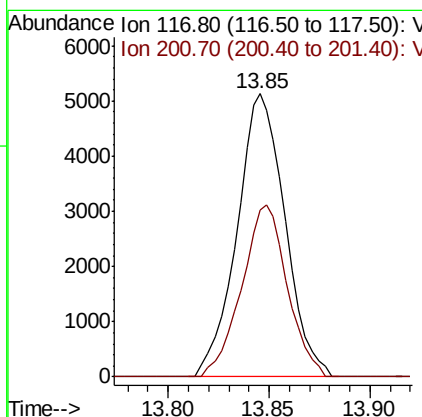
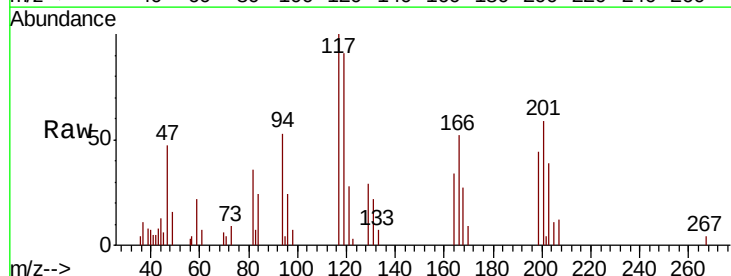
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

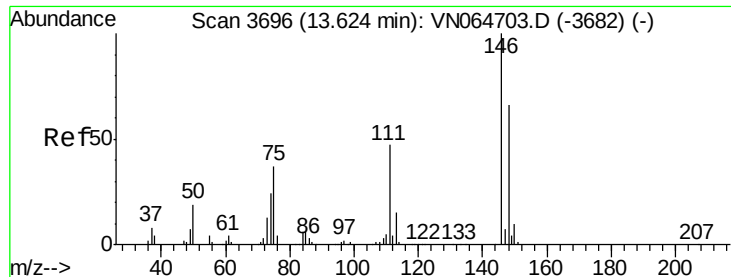
Tot Ion: 91 Resp: 44434
Ion Ratio Lower Upper
91 100
92 49.9 24.9 74.8
134 22.9 12.0 36.0



#90
Hexachloroethane
Concen: 3.964 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064701.D
Acq: 18 Nov 2020 12:13

Tgt Ion: 117 Resp: 8508
Ion Ratio Lower Upper
117 100
201 57.8 31.9 95.5

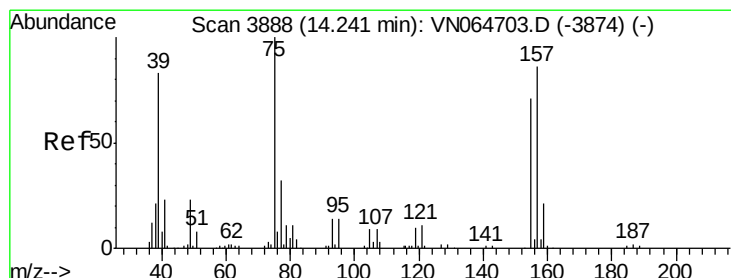
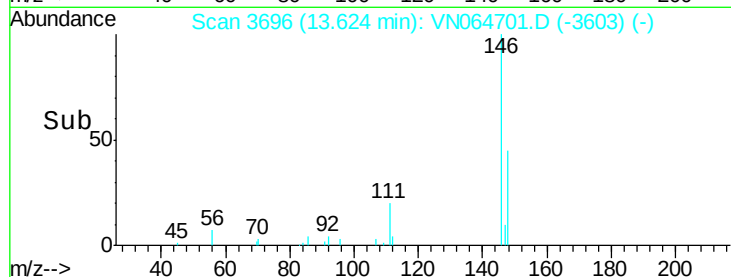
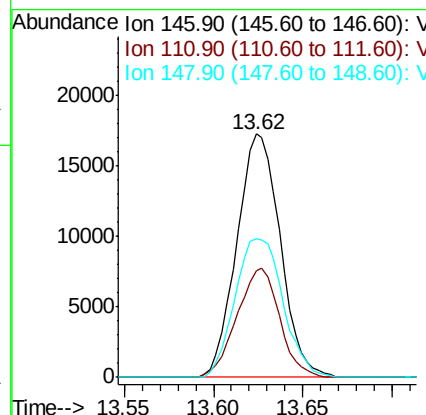
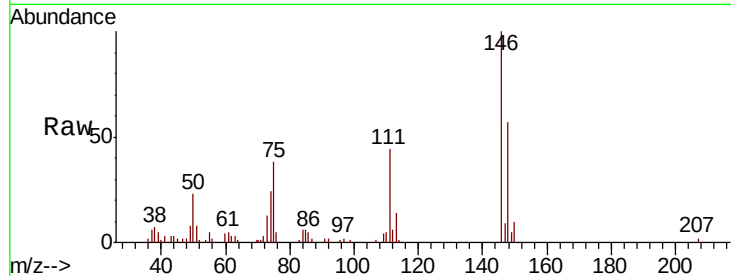




#91
 1,2-Dichlorobenzene
 Concen: 4.666 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

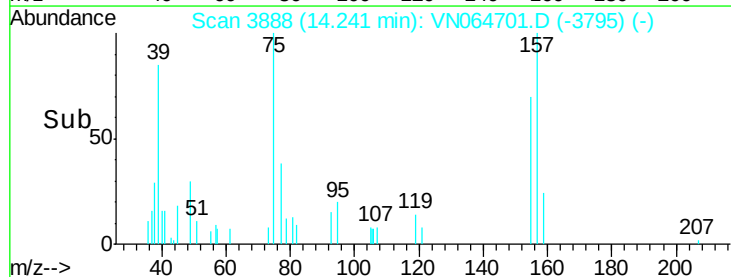
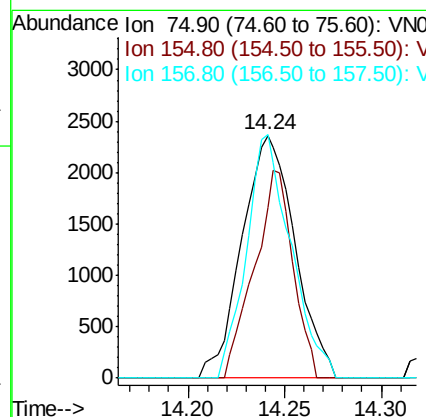
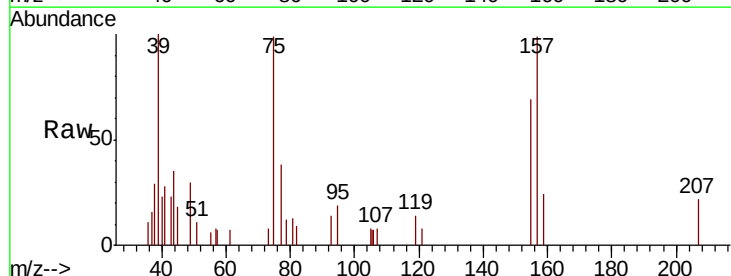
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

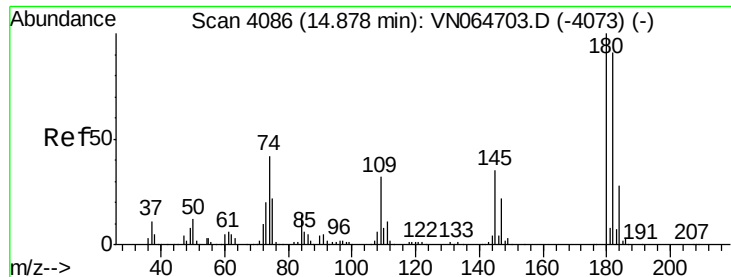
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	23.1	69.3
148	63.0	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.709 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.5	33.6	100.6
157	84.2	42.4	127.2

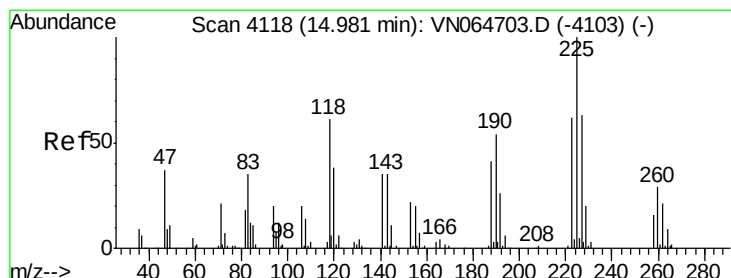
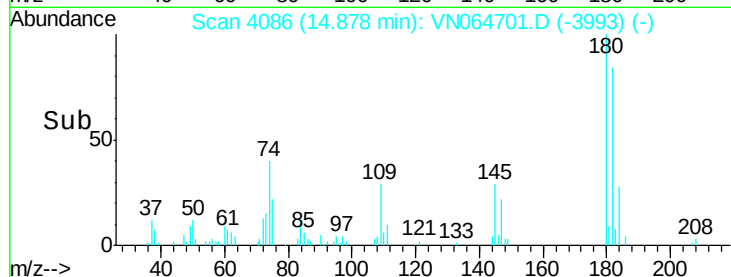
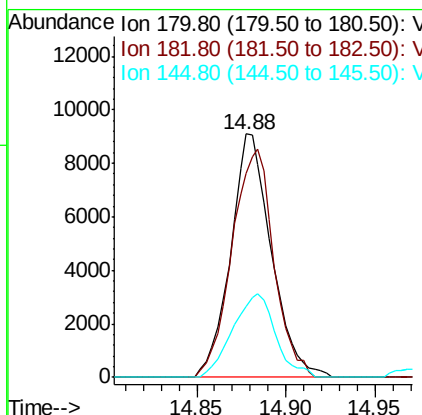
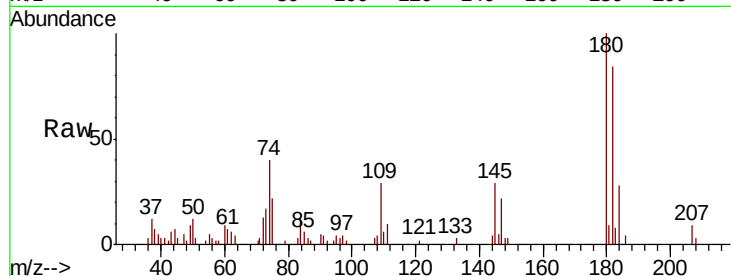




#93
 1,2,4-Trichlorobenzene
 Concen: 5.513 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

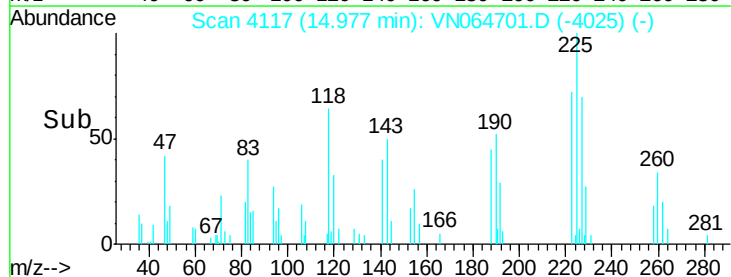
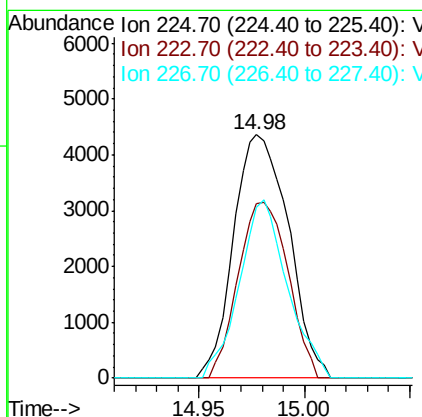
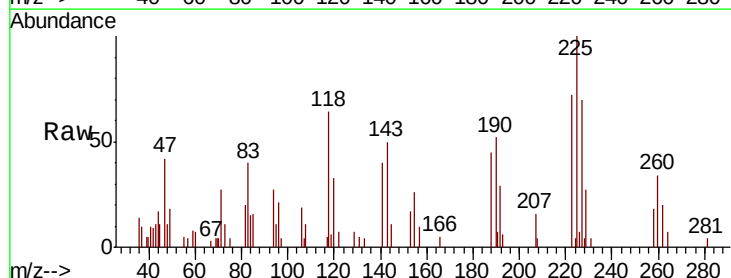
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

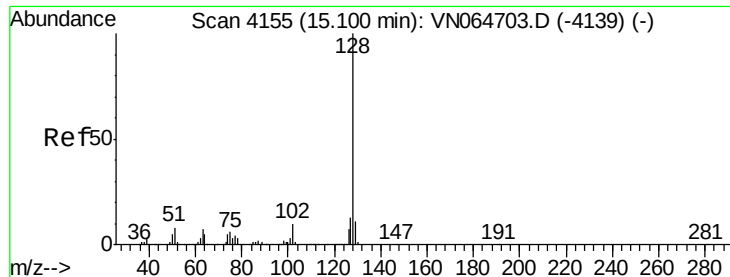
Tot Ion:180 Resp: 14497
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.8
 145 36.0 17.5 52.5



#94
 Hexachlorobutadiene
 Concen: 6.063 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064701.D
 Acq: 18 Nov 2020 12:13

Tgt Ion:225 Resp: 7869
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.2 93.6
 227 64.2 32.1 96.3





#95

Naphthalene

Concen: 4.893 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

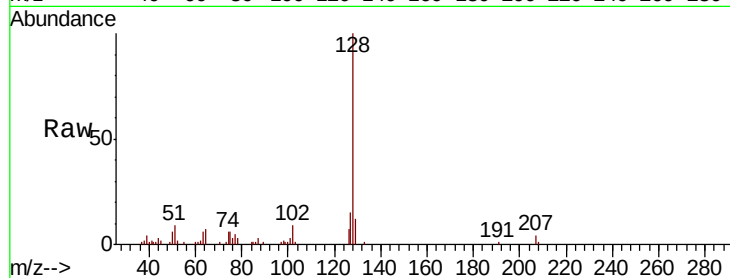
Tot Ion:128 Resp: 42411

Ion Ratio Lower Upper

128 100

127 14.7 10.8 16.2

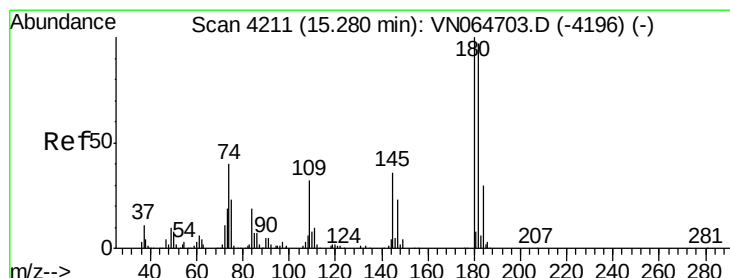
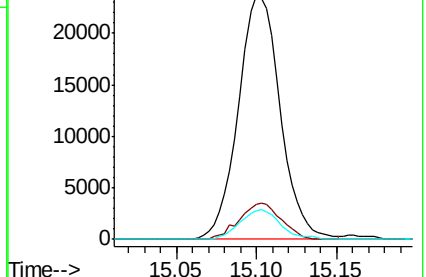
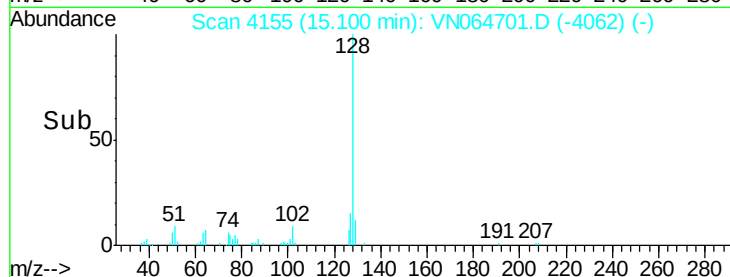
129 11.7 8.9 13.3



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: 5.268 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

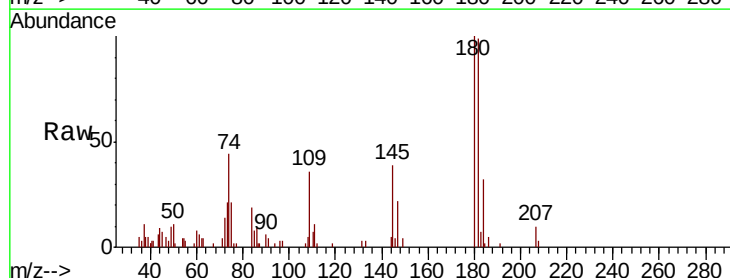
Tgt Ion:180 Resp: 13826

Ion Ratio Lower Upper

180 100

182 100.4 47.5 142.5

145 37.9 18.1 54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

