

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064426.D
 Acq On : 4 Nov 2020 10:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 04 11:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	348869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	620881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	31473	5.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.02%	
35) Dibromofluoromethane	7.55	113	20218	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	
50) Toluene-d8	10.06	98	76963	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
62) 4-Bromofluorobenzene	12.37	95	26697	4.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	22110	5.359	ug/l	91
3) Chloromethane	2.04	50	27397	5.984	ug/l	98
4) Vinyl Chloride	2.17	62	27317	6.122	ug/l	92
5) Bromomethane	2.53	94	19181	6.558	ug/l	93
6) Chloroethane	2.68	64	17654	6.485	ug/l	93
7) Trichlorofluoromethane	2.99	101	42729	5.850	ug/l	99
8) Diethyl Ether	3.37	74	14877	6.325	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	21080	5.818	ug/l	90
10) Methyl Iodide	3.91	142	19024	4.024	ug/l	99
11) Tert butyl alcohol	4.75	59	14043	17.706	ug/l	99
12) 1,1-Dichloroethene	3.70	96	18663	5.454	ug/l	95
13) Acrolein	3.57	56	9083	37.811	ug/l	89
14) Allyl chloride	4.27	41	35104	5.036	ug/l #	91
15) Acrylonitrile	4.93	53	42507	23.740	ug/l	97
16) Acetone	3.78	43	50648	23.839	ug/l	94
17) Carbon Disulfide	4.01	76	51778	5.073	ug/l	98
18) Methyl Acetate	4.28	43	21468	5.028	ug/l	93
19) Methyl tert-butyl Ether	4.98	73	61743	4.737	ug/l	96
20) Methylene Chloride	4.50	84	22310	5.461	ug/l	92
21) trans-1,2-Dichloroethene	4.98	96	20633	5.355	ug/l	93
22) Diisopropyl ether	5.90	45	70679	5.091	ug/l #	87
23) Vinyl Acetate	5.84	43	281688	24.255	ug/l	100
24) 1,1-Dichloroethane	5.79	63	42211	5.482	ug/l	98
25) 2-Butanone	6.78	43	63238	21.947	ug/l	97
26) 2,2-Dichloropropane	6.78	77	35679	4.804	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	23015	5.231	ug/l	97
28) Bromochloromethane	7.14	49	20677	5.779	ug/l #	96
29) Tetrahydrofuran	7.17	42	35705	19.364	ug/l	97
30) Chloroform	7.33	83	42253	5.141	ug/l	97
31) Cyclohexane	7.61	56	40966	6.060	ug/l #	72
32) 1,1,1-Trichloroethane	7.53	97	36716	4.731	ug/l	99
36) 1,1-Dichloropropene	7.75	75	30668	4.790	ug/l	97
37) Ethyl Acetate	6.88	43	28823	4.513	ug/l #	75
38) Carbon Tetrachloride	7.73	117	31849	4.387	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 04 11:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	26598	4.260	ug/l	92
40) Benzene	8.00	78	92261	5.145	ug/l	99
41) Methacrylonitrile	7.13	41	12091	3.887	ug/l	93
42) 1,2-Dichloroethane	8.08	62	38358	5.023	ug/l	99
43) Isopropyl Acetate	8.12	43	47180	4.330	ug/l #	93
44) Trichloroethene	8.80	130	22804	4.926	ug/l	97
45) 1,2-Dichloropropane	9.08	63	23864	4.961	ug/l	91
46) Dibromomethane	9.17	93	15429	4.673	ug/l	94
47) Bromodichloromethane	9.37	83	34206	4.665	ug/l	95
48) Methyl methacrylate	9.16	41	23085	4.101	ug/l	96
49) 1,4-Dioxane	9.17	88	5949	73.358	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	132635	20.825	ug/l	98
52) Toluene	10.12	92	53212	4.710	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	32351	4.149	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	36591	4.563	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	21682	4.887	ug/l	96
56) Ethyl methacrylate	10.40	69	27296	4.081	ug/l	94
57) 1,3-Dichloropropane	10.68	76	35863	4.740	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	71183	20.456	ug/l	99
59) 2-Hexanone	10.72	43	91880	19.628	ug/l	96
60) Dibromochloromethane	10.87	129	21585	4.178	ug/l	97
61) 1,2-Dibromoethane	10.98	107	21009	4.676	ug/l	98
64) Tetrachloroethene	10.60	164	21660	4.715	ug/l	96
65) Chlorobenzene	11.40	112	58907	5.088	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	20988	4.532	ug/l	95
67) Ethyl Benzene	11.48	91	98203	4.566	ug/l	99
68) m/p-Xylenes	11.59	106	68099	8.558	ug/l	90
69) o-Xylene	11.92	106	34773	4.531	ug/l	99
70) Styrene	11.94	104	54443	4.328	ug/l	98
71) Bromoform	12.10	173	12392	3.480	ug/l #	95
73) Isopropylbenzene	12.22	105	87888	5.159	ug/l	100
74) N-amyl acetate	12.05	43	33426	4.469	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	25624	5.151	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	37110	6.955	ug/l #	100
77) Bromobenzene	12.50	156	21469	5.192	ug/l	97
78) n-propylbenzene	12.56	91	95717	4.964	ug/l	97
79) 2-Chlorotoluene	12.65	91	62858	5.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	70504	4.914	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	8216	4.379	ug/l	89
82) 4-Chlorotoluene	12.75	91	63368	5.034	ug/l	97
83) tert-Butylbenzene	12.97	119	55971	4.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	68029	4.739	ug/l	97
85) sec-Butylbenzene	13.14	105	70353	4.646	ug/l	99
86) p-Isopropyltoluene	13.26	119	60865	4.474	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	36023	4.957	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	37035	5.003	ug/l	94
89) n-Butylbenzene	13.59	91	51530	4.295	ug/l	98
90) Hexachloroethane	13.85	117	12542	4.939	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	35951	4.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	4809	4.035	ug/l	92

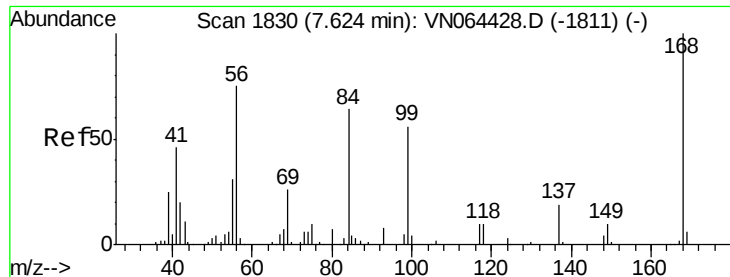
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064426.D
Acq On : 4 Nov 2020 10:12
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Nov 04 11:39:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 11:31:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	10263	2.954	ug/l	94
94) Hexachlorobutadiene	14.98	225	7028	3.350	ug/l	95
95) Naphthalene	15.10	128	30170	2.772	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	11206	3.340	ug/l	96

(#) = 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: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

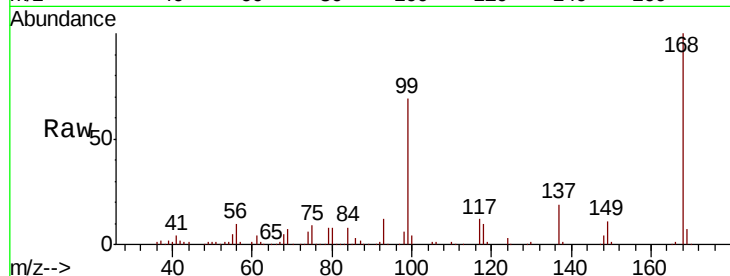
VSTDIC005

Tot Ion:168 Resp: 348869

Ion Ratio Lower Upper

168 100

99 68.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

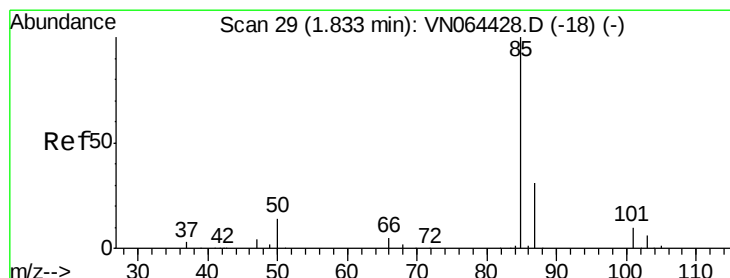
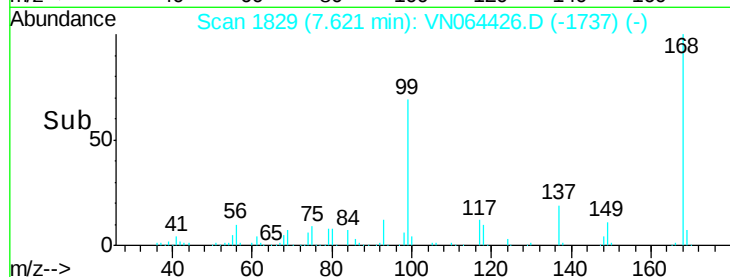
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.359 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064426.D

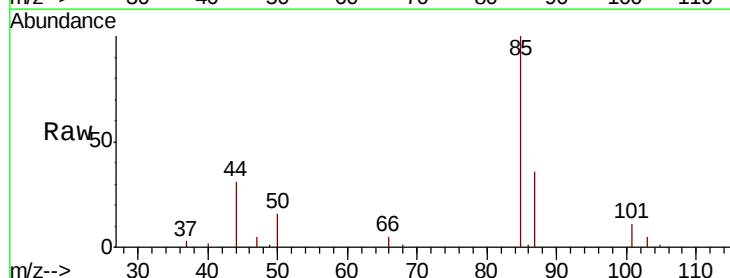
Acq: 4 Nov 2020 10:12

Tgt Ion: 85 Resp: 22110

Ion Ratio Lower Upper

85 100

87 36.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

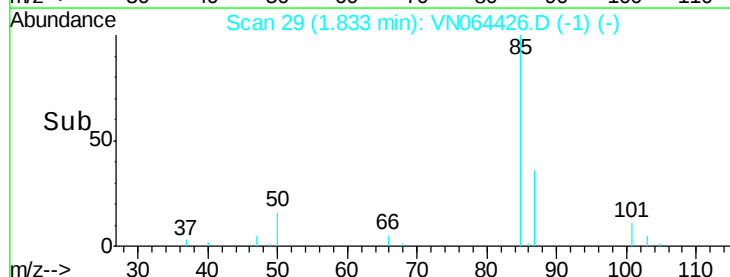
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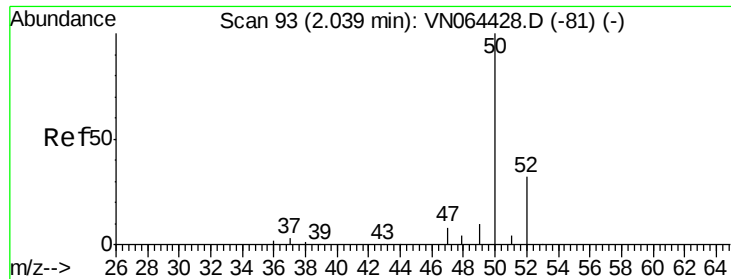
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Time-->

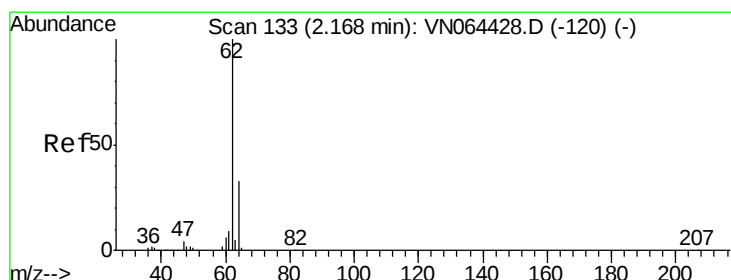
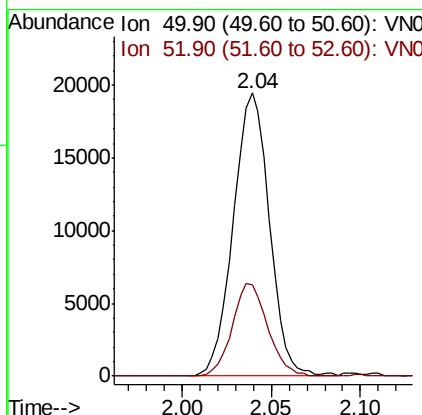
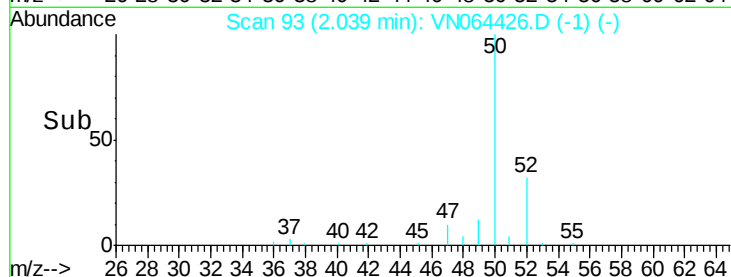
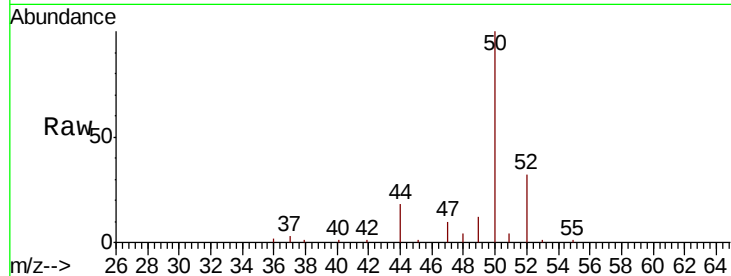




#3
 Chloromethane
 Concen: 5.984 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

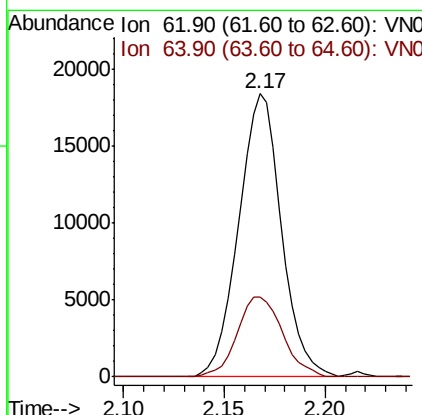
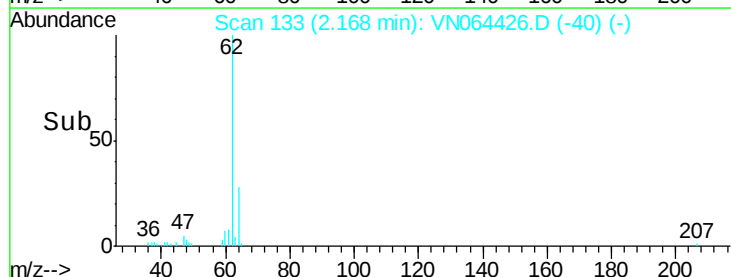
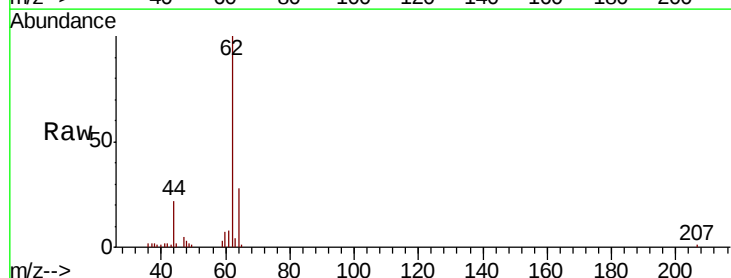
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

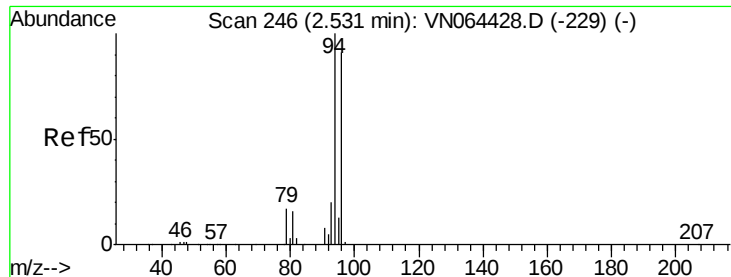
Tot Ion: 50 Resp: 27397
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.3 37.9



#4
 Vinyl Chloride
 Concen: 6.122 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 62 Resp: 27317
 Ion Ratio Lower Upper
 62 100
 64 28.2 26.3 39.5





#5

Bromomethane

Concen: 6.558 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

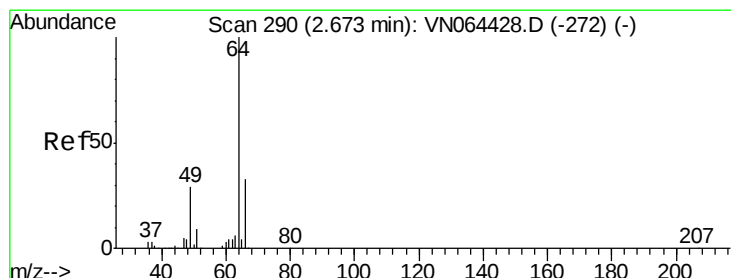
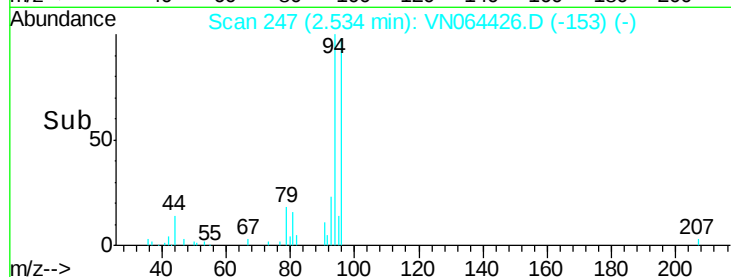
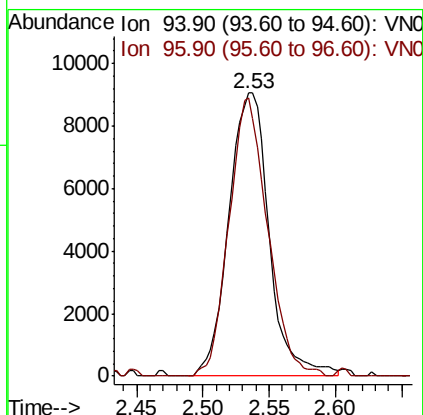
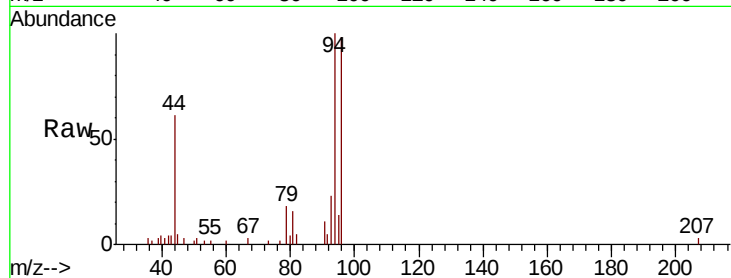
VSTDIC005

Tot Ion: 94 Resp: 19181

Ion Ratio Lower Upper

94 100

96 98.4 73.1 109.7



#6

Chloroethane

Concen: 6.485 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064426.D

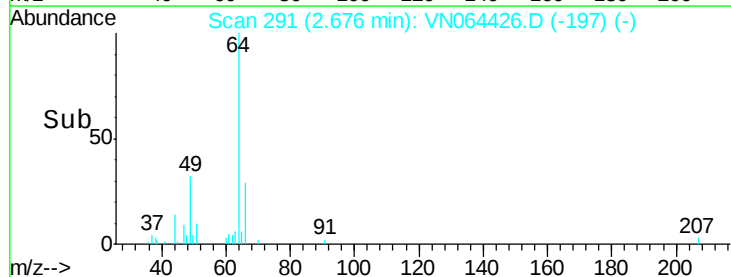
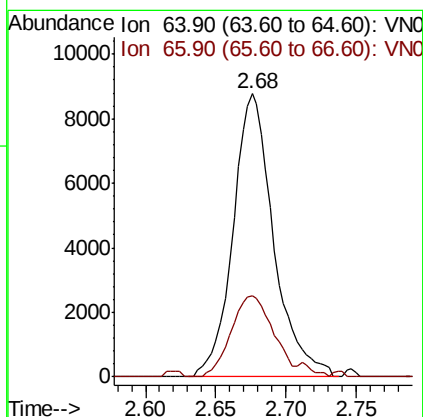
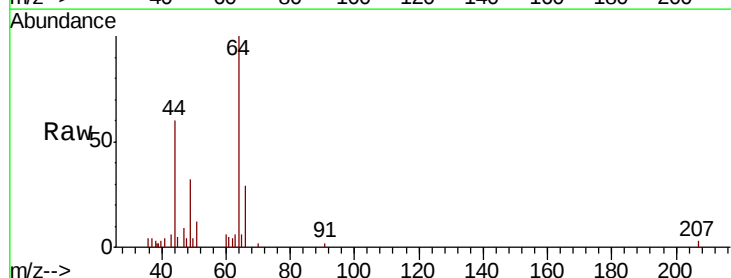
Acq: 4 Nov 2020 10:12

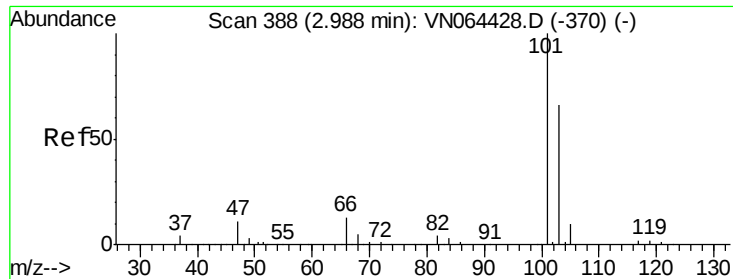
Tgt Ion: 64 Resp: 17654

Ion Ratio Lower Upper

64 100

66 28.7 26.1 39.1





#7

Trichlorofluoromethane

Concen: 5.850 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

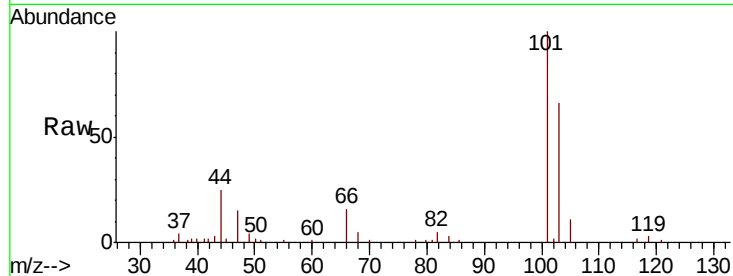
VSTDIC005

Tot Ion:101 Resp: 42729

Ion Ratio Lower Upper

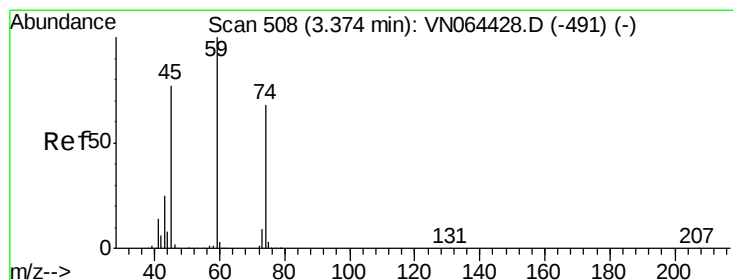
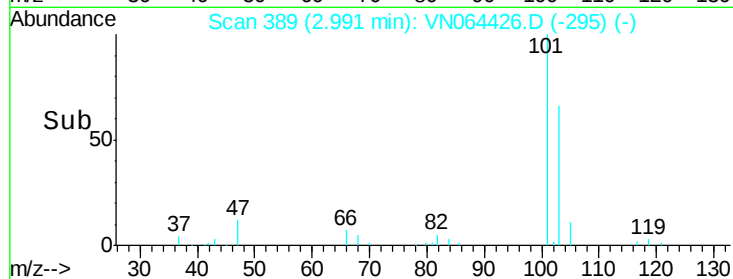
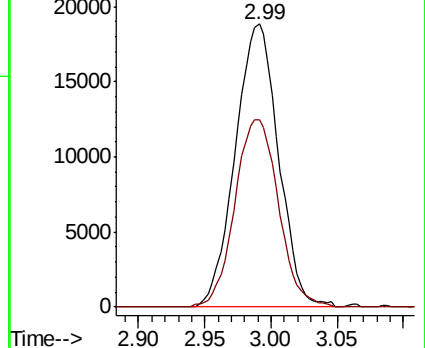
101 100

103 66.3 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 6.325 ug/l

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: VN064426.D

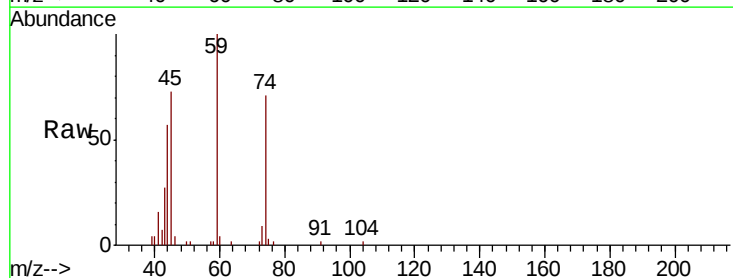
Acq: 4 Nov 2020 10:12

Tgt Ion: 74 Resp: 14877

Ion Ratio Lower Upper

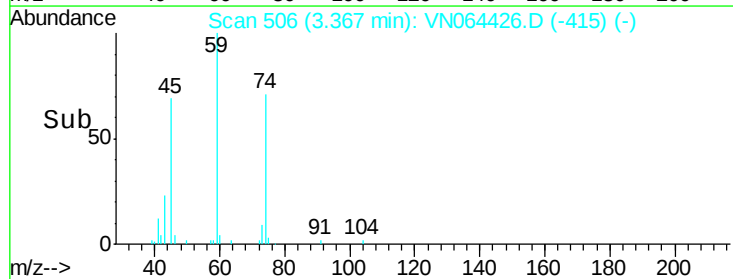
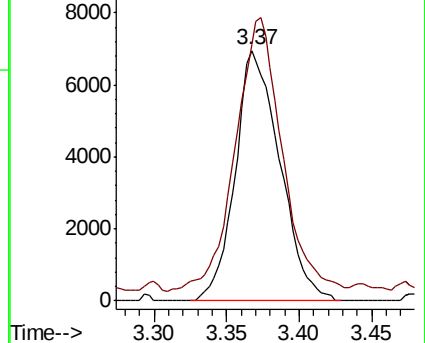
74 100

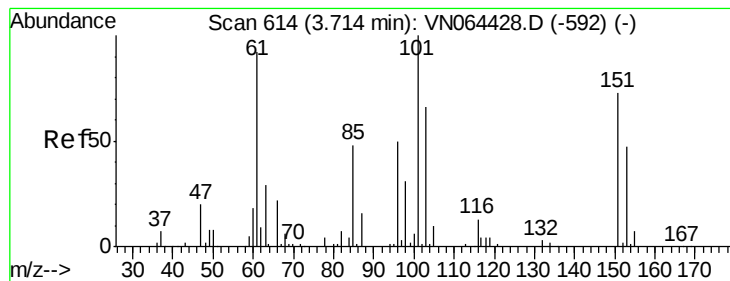
45 111.7 55.9 167.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.818 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

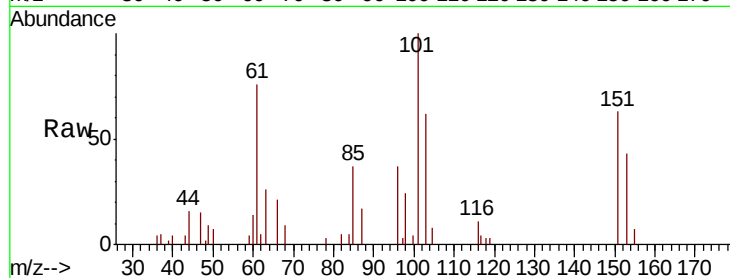
Tot Ion:101 Resp: 21080

Ion Ratio Lower Upper

101 100

85 41.5 38.6 57.8

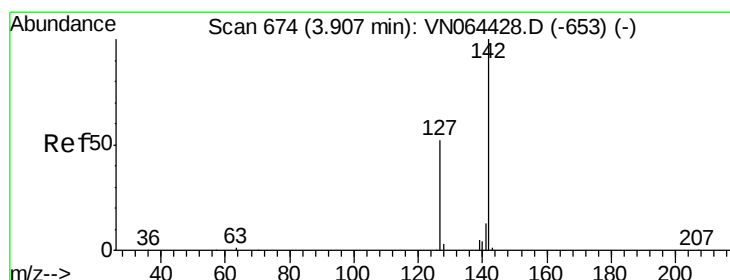
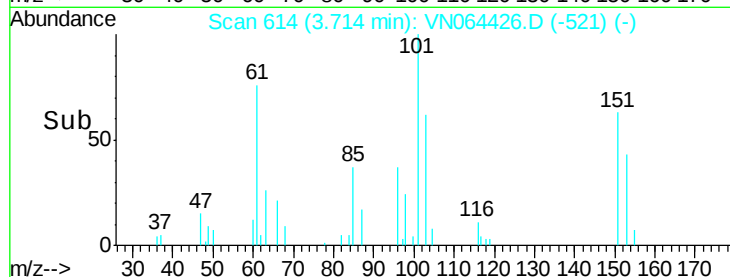
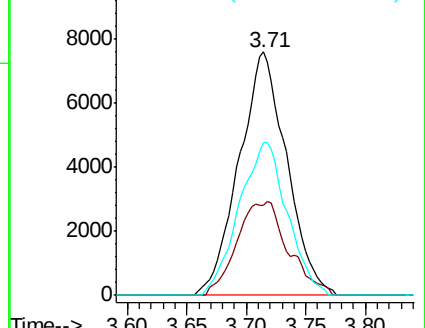
151 63.6 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.024 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

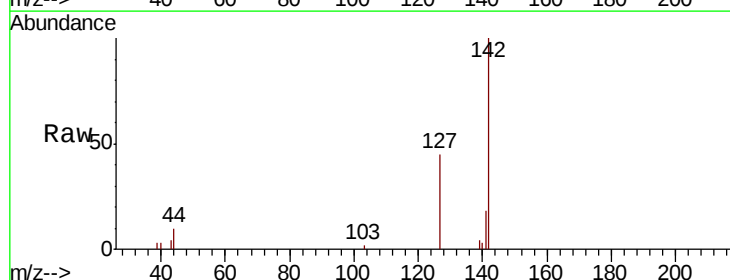
Tgt Ion:142 Resp: 19024

Ion Ratio Lower Upper

142 100

127 52.2 41.8 62.8

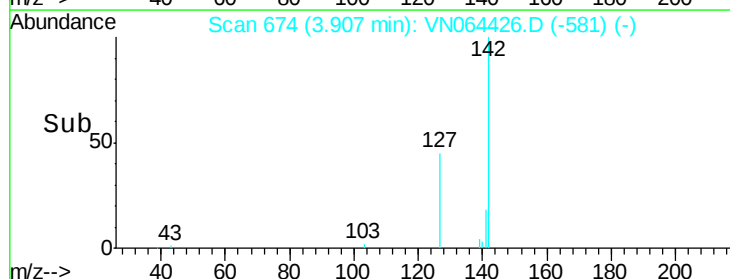
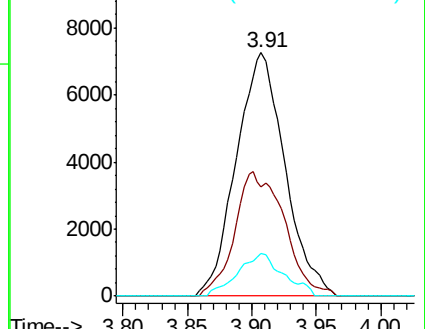
141 16.3 11.4 17.2

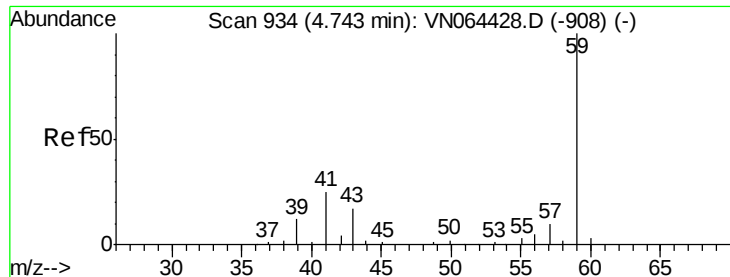


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

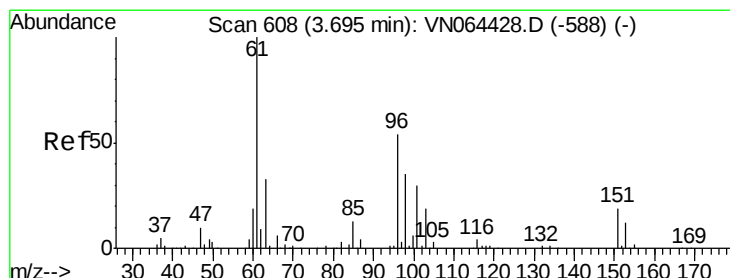
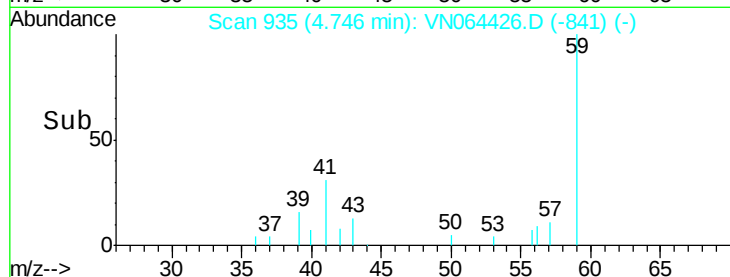
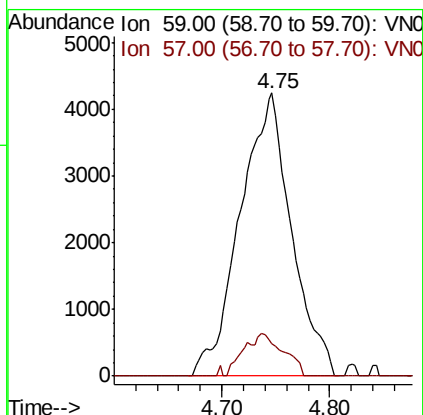
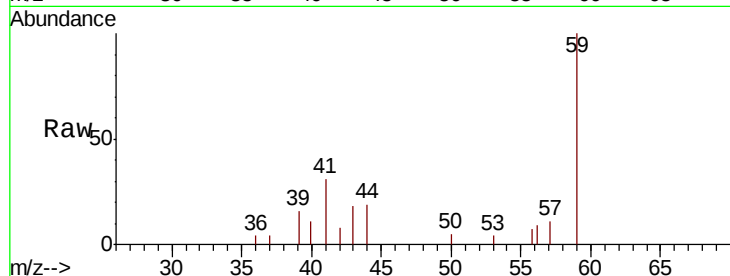




#11
Tert butyl alcohol
Concen: 17.706 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

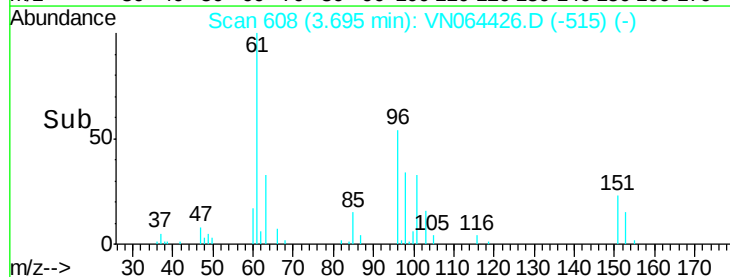
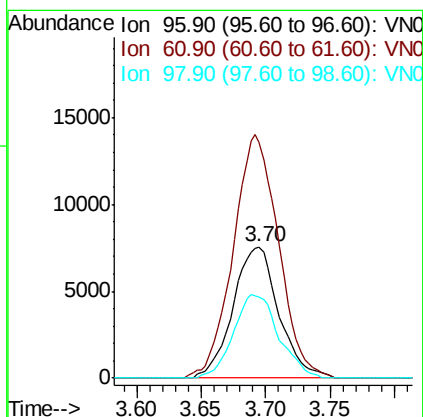
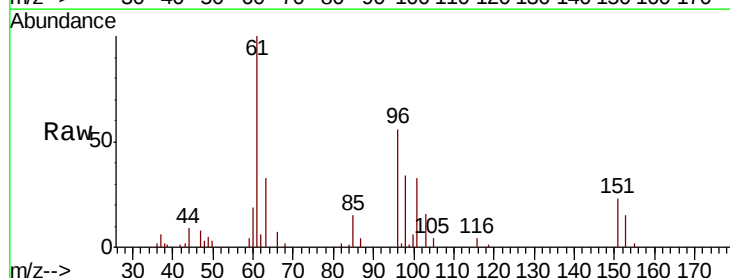
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

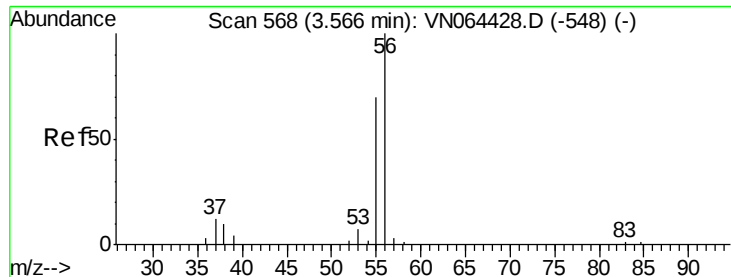
Tot Ion: 59 Resp: 14043
Ion Ratio Lower Upper
59 100
57 11.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 5.454 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 96 Resp: 18663
Ion Ratio Lower Upper
96 100
61 179.9 149.5 224.3
98 61.5 52.4 78.6





#13

Acrolein

Concen: 37.811 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

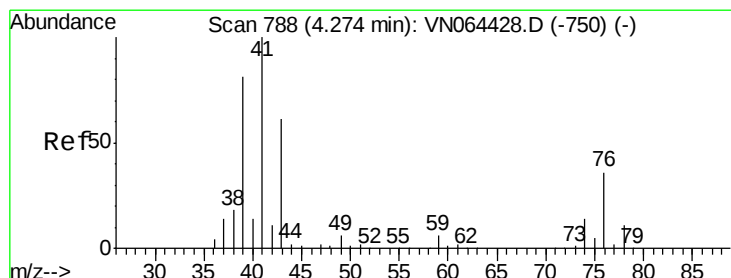
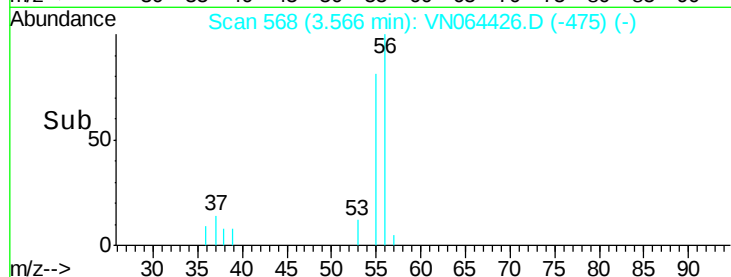
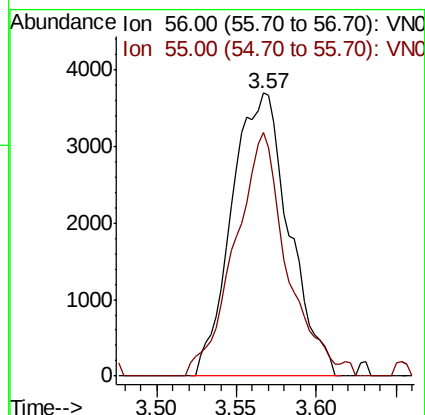
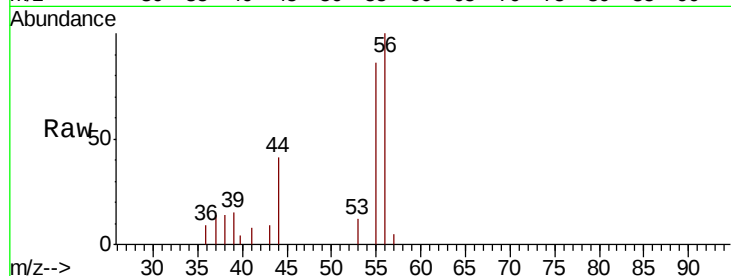
VSTDIC005

Tot Ion: 56 Resp: 9083

Ion Ratio Lower Upper

56 100

55 78.8 55.9 83.9



#14

Allyl chloride

Concen: 5.036 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

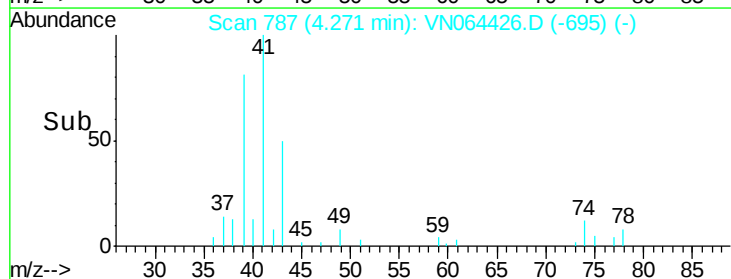
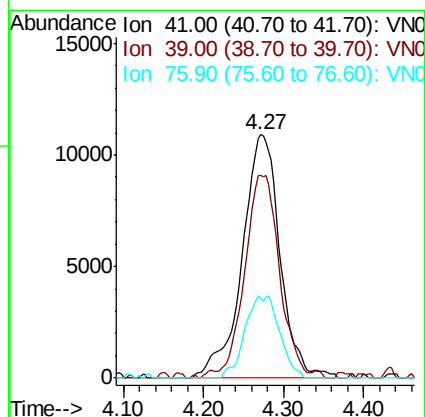
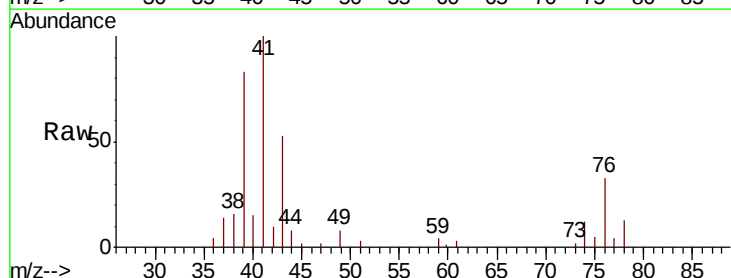
Tgt Ion: 41 Resp: 35104

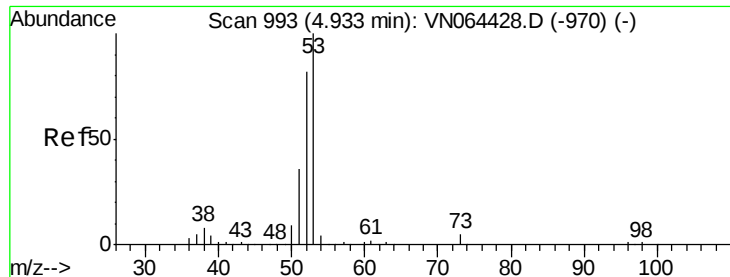
Ion Ratio Lower Upper

41 100

39 76.1 61.8 92.8

76 16.6 25.4 38.0#





#15

Acrylonitrile

Concen: 23.740 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

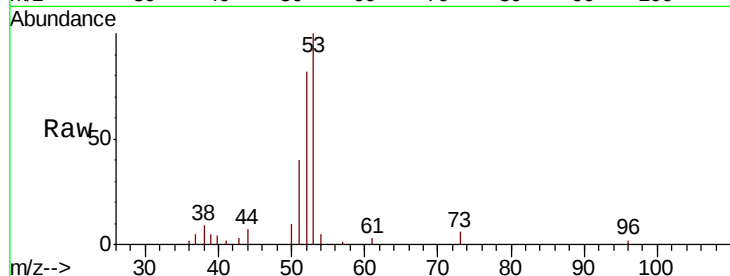
Tot Ion: 53 Resp: 42507

Ion Ratio Lower Upper

53 100

52 84.8 65.6 98.4

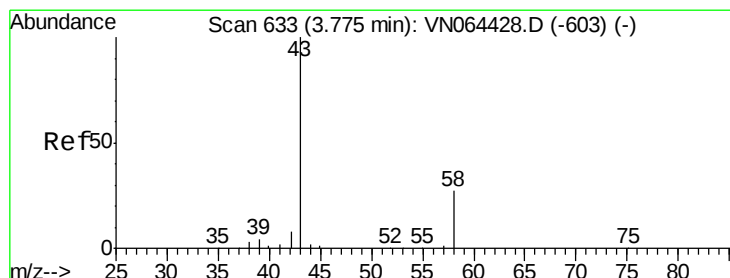
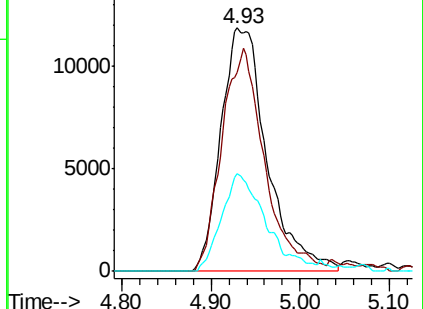
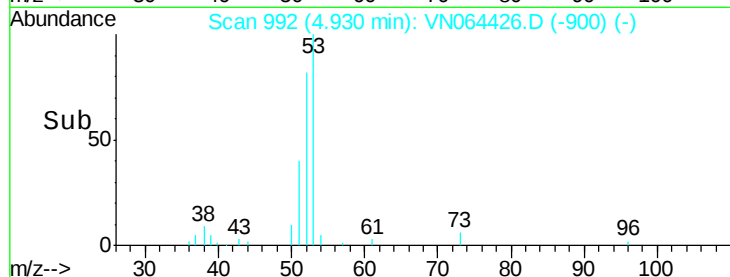
51 35.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064426.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064426.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064426.D (-900) (-)



#16

Acetone

Concen: 23.839 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064426.D

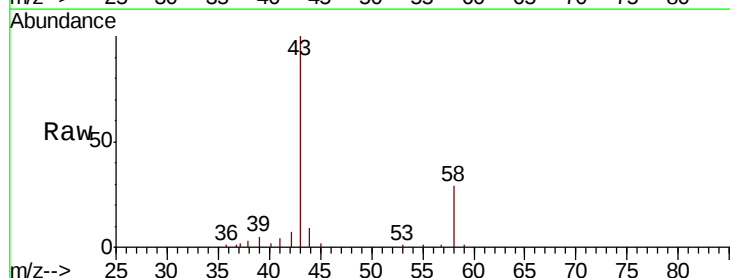
Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 50648

Ion Ratio Lower Upper

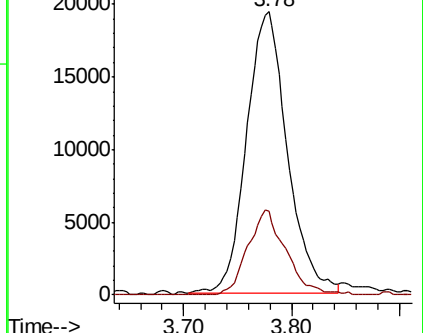
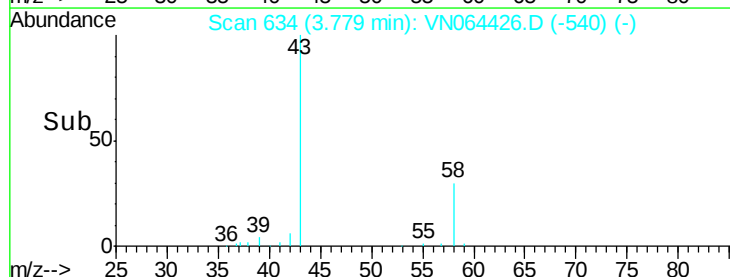
43 100

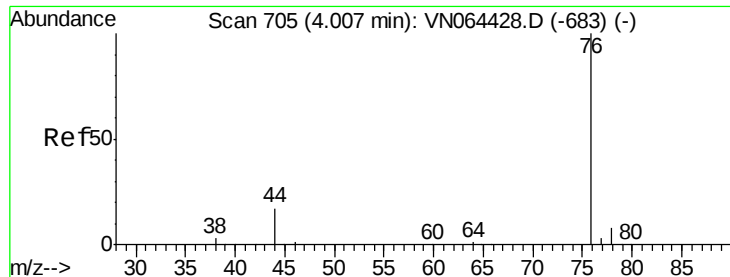
58 29.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064426.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064426.D (-540) (-)

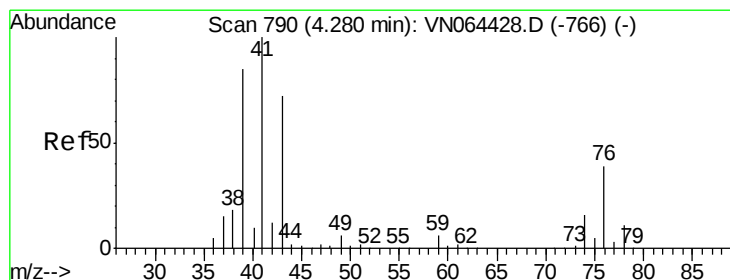
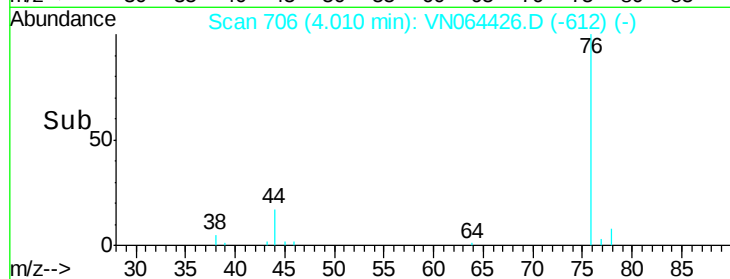
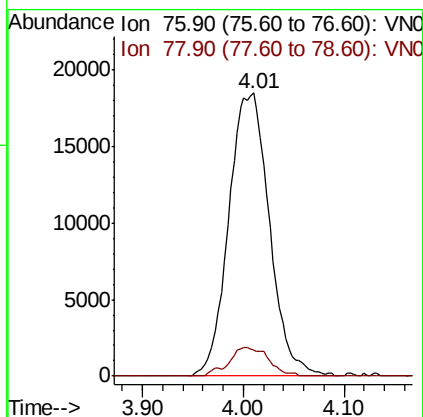
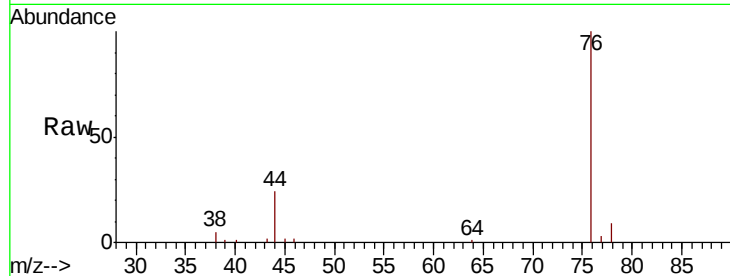




#17
Carbon Disulfide
Concen: 5.073 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

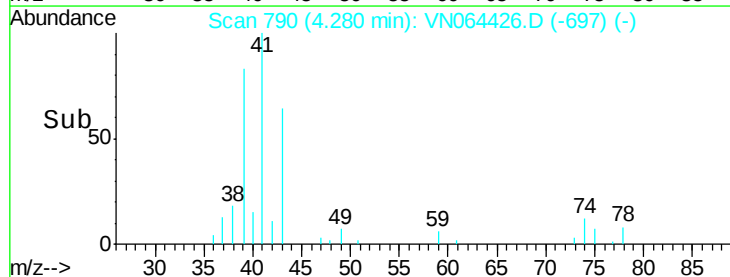
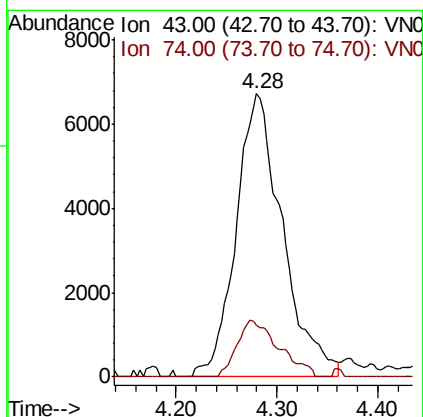
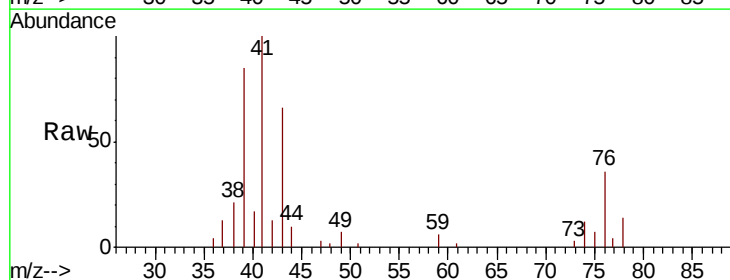
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

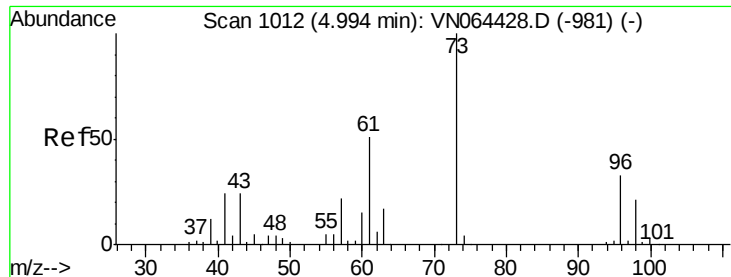
Tot Ion: 76 Resp: 51778
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 5.028 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 21468
Ion Ratio Lower Upper
43 100
74 18.0 17.0 25.4

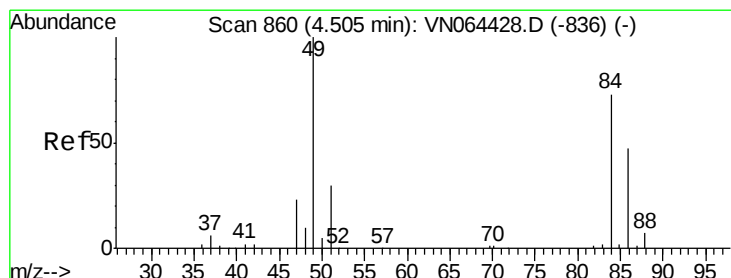
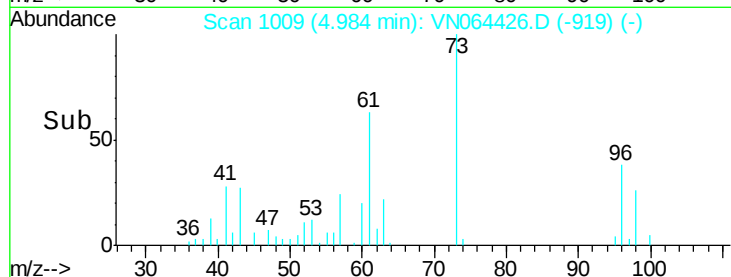
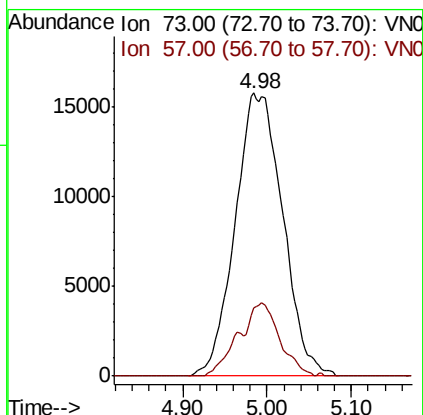
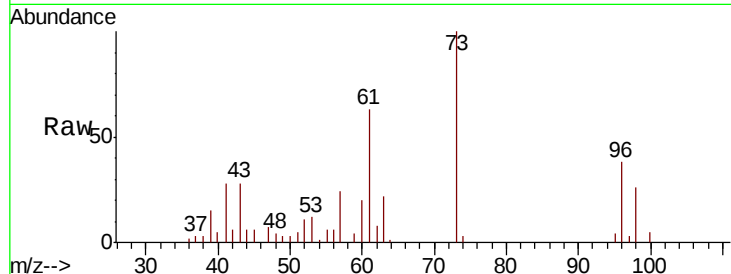




#19
Methvl tert-butvl Ether
Concen: 4.737 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

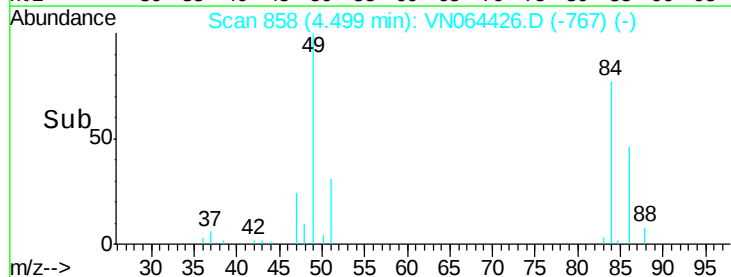
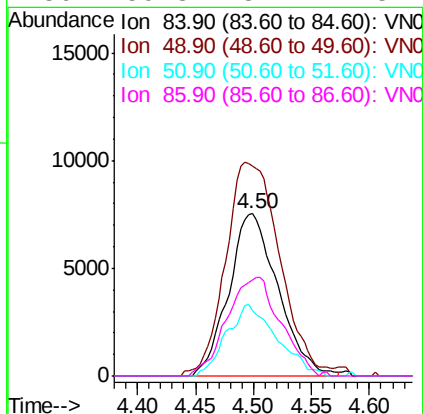
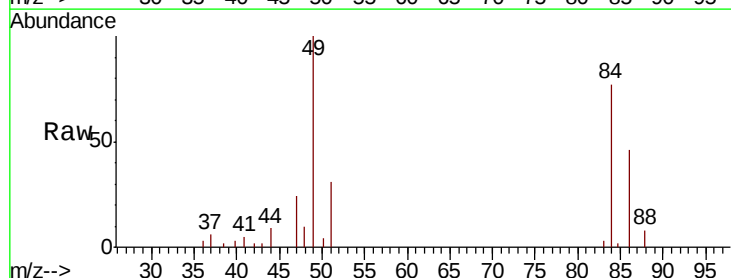
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

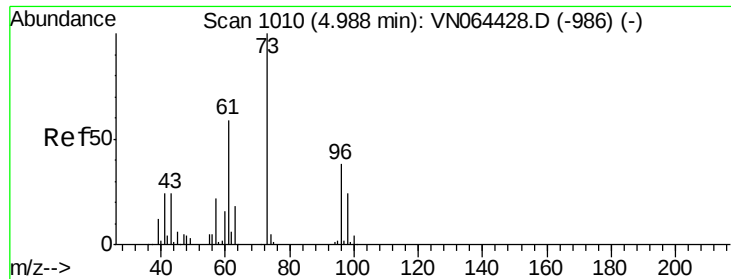
Tot Ion: 73 Resp: 61743
Ion Ratio Lower Upper
73 100
57 24.0 17.7 26.5



#20
Methylene Chloride
Concen: 5.461 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 84 Resp: 22310
Ion Ratio Lower Upper
84 100
49 126.5 110.1 165.1
51 40.5 33.6 50.4
86 59.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 5.355 ug/l

RT: 4.98 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

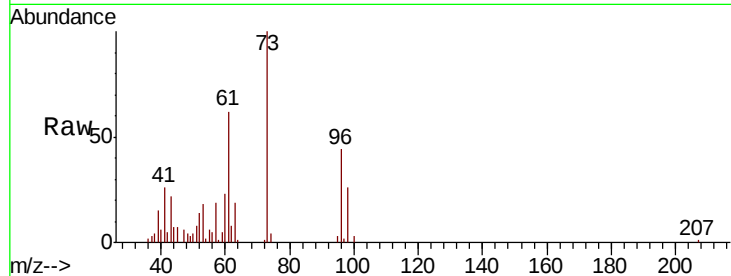
Tot Ion: 96 Resp: 20633

Ion Ratio Lower Upper

96 100

61 142.9 122.4 183.6

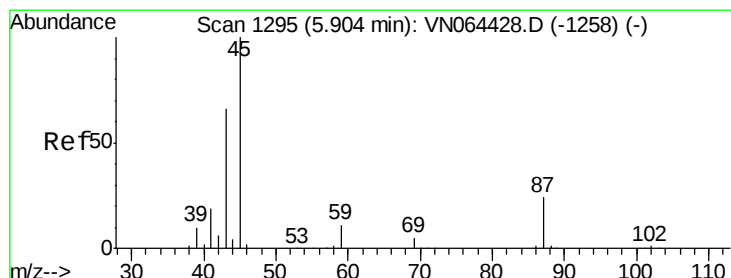
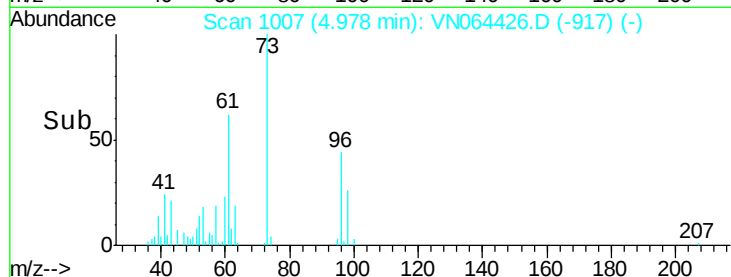
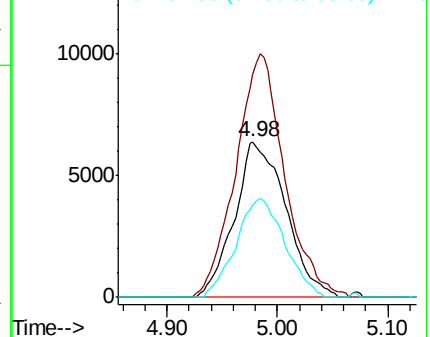
98 59.2 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064426.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064426.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064426.D (-1202) (-)



#22

Diisopropyl ether

Concen: 5.091 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Tgt Ion: 45 Resp: 70679

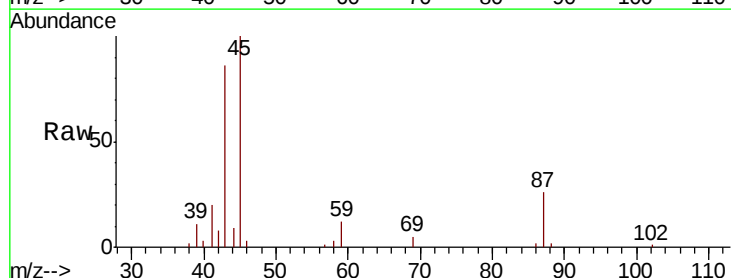
Ion Ratio Lower Upper

45 100

43 81.2 53.2 79.8#

87 25.9 19.9 29.9

59 11.9 8.6 13.0

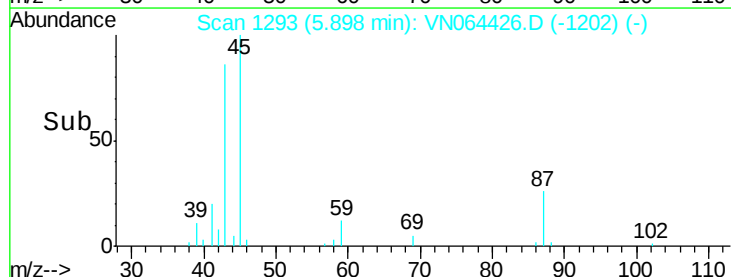
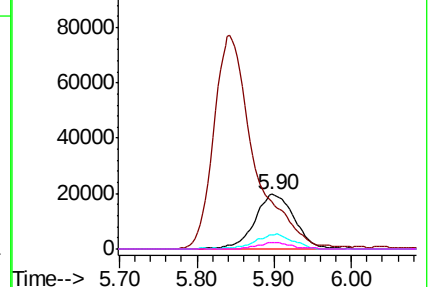


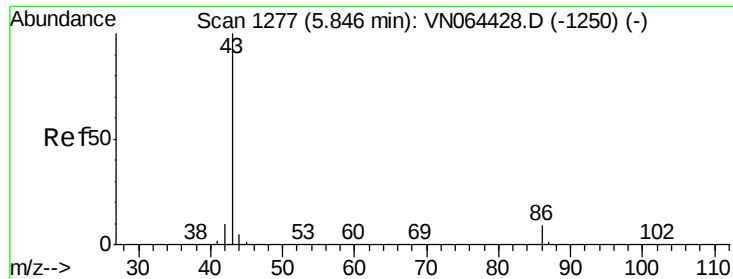
Abundance Ion 45.00 (44.70 to 45.70): VN064426.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064426.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064426.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064426.D (-1202) (-)





#23

Vinyl Acetate

Concen: 24.255 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

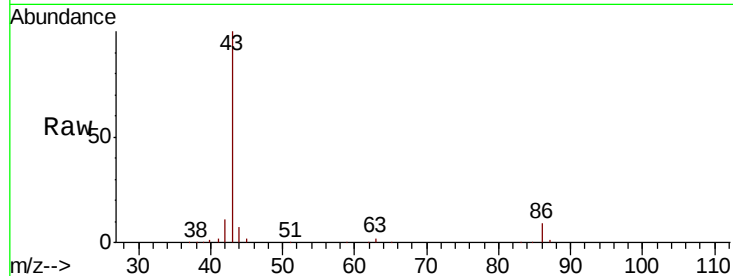
VSTDIC005

Tot Ion: 43 Resp: 281688

Ion Ratio Lower Upper

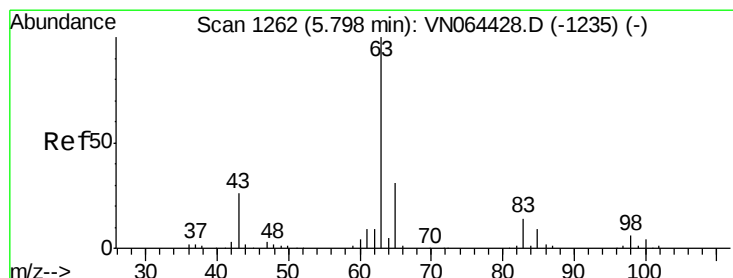
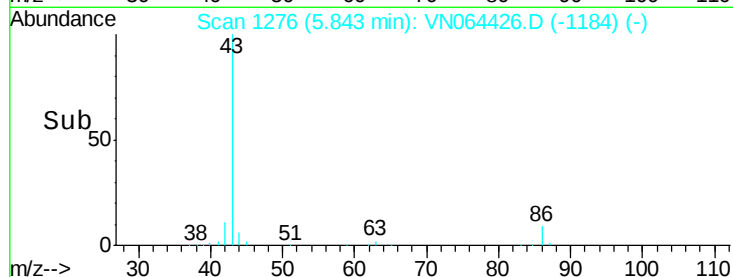
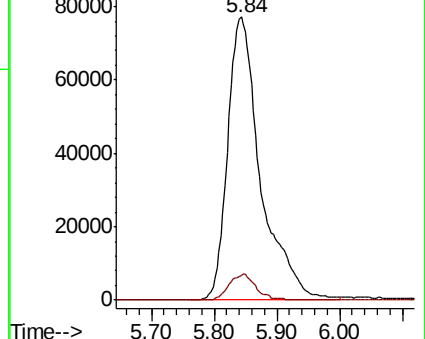
43 100

86 8.7 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN064428.D (-1250) (-)



#24

1,1-Dichloroethane

Concen: 5.482 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

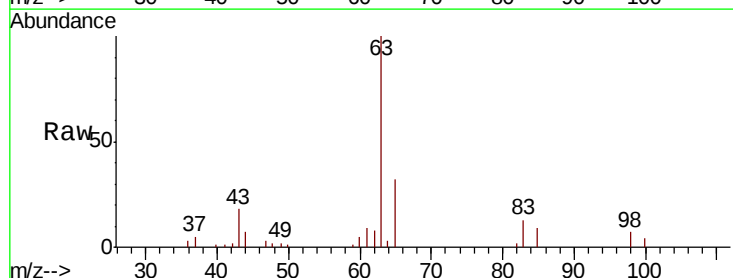
Tgt Ion: 63 Resp: 42211

Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

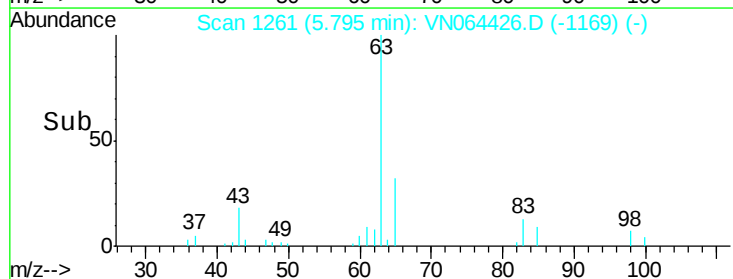
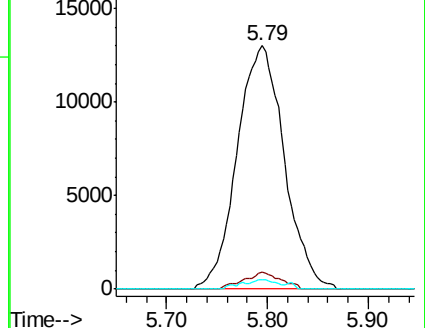
100 4.0 1.8 5.3

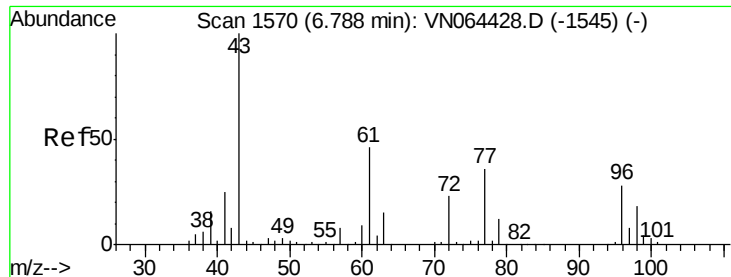


Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-1235) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1235) (-)

Ion 99.90 (99.60 to 100.60): VN064428.D (-1235) (-)

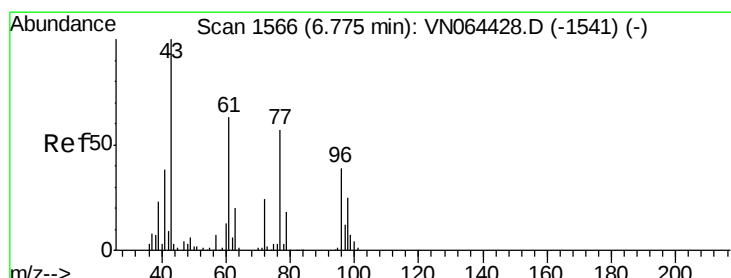
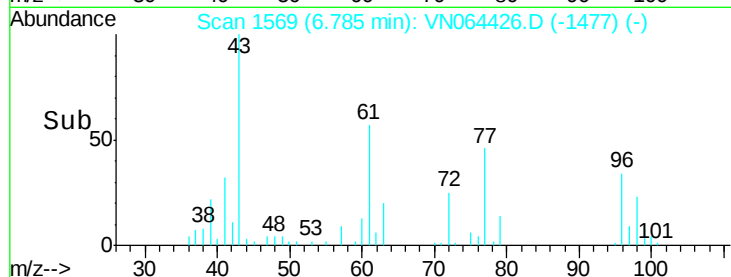
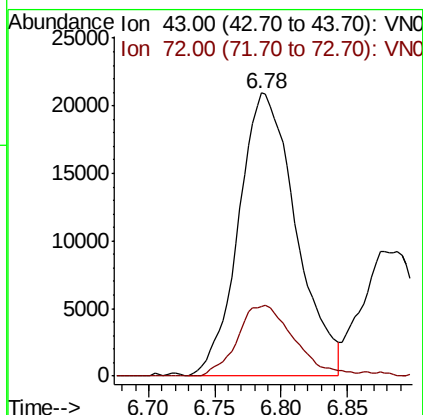
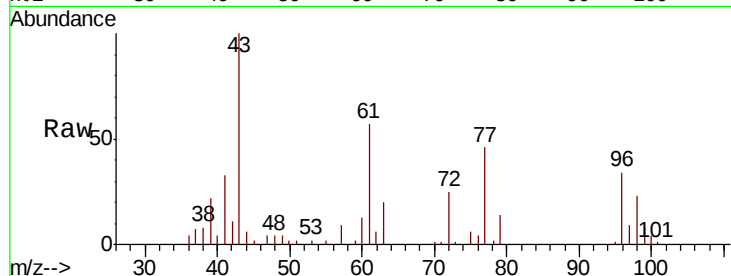




#25
2-Butanone
Concen: 21.947 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

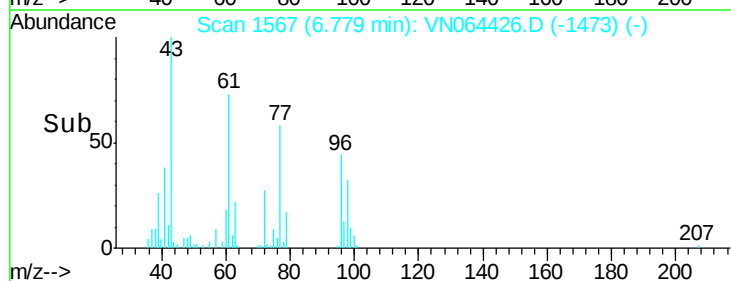
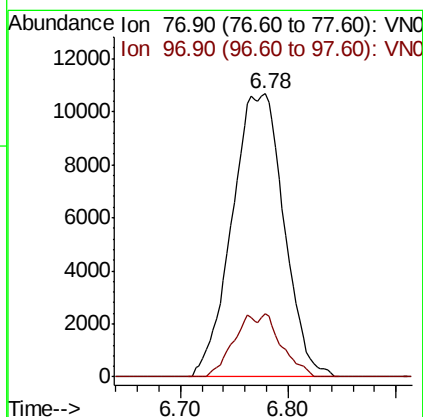
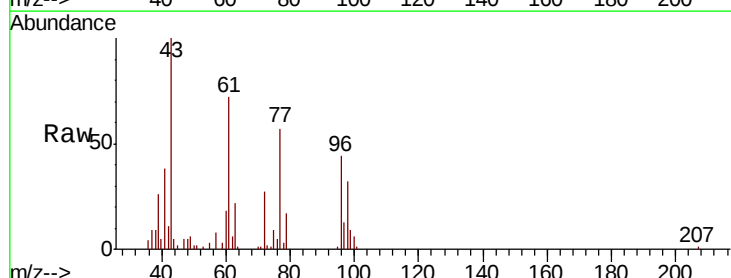
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

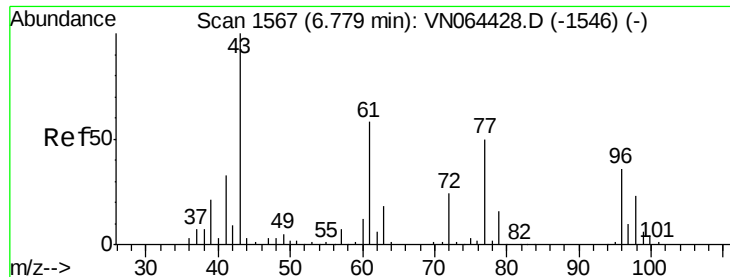
Tot Ion: 43 Resp: 63238
Ion Ratio Lower Upper
43 100
72 24.6 18.5 27.7



#26
2,2-Dichloropropane
Concen: 4.804 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 77 Resp: 35679
Ion Ratio Lower Upper
77 100
97 10.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 5.231 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

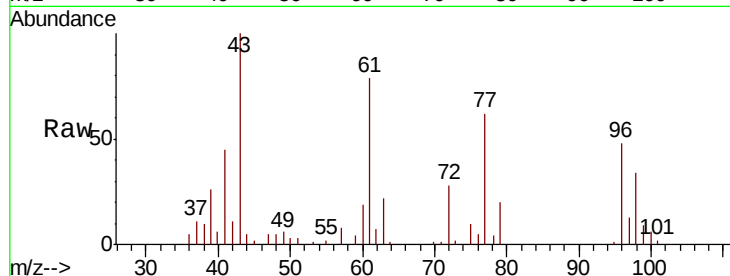
Tot Ion: 96 Resp: 23015

Ion Ratio Lower Upper

96 100

61 168.5 0.0 329.6

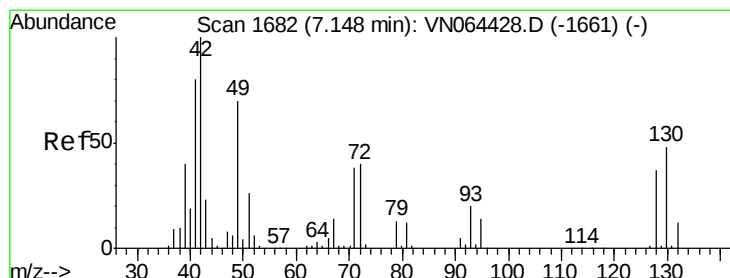
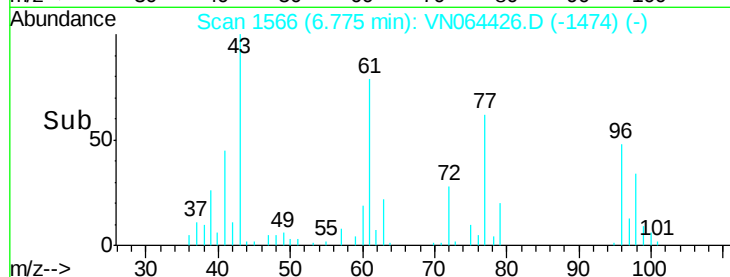
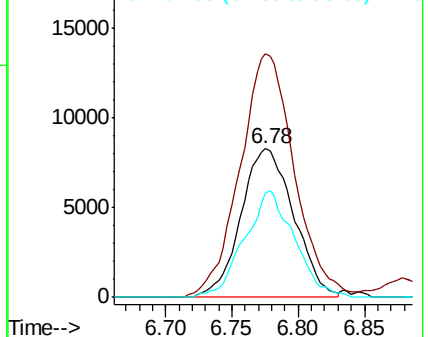
98 67.7 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064426.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064426.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064426.D (-1474) (-)



#28

Bromochloromethane

Concen: 5.779 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

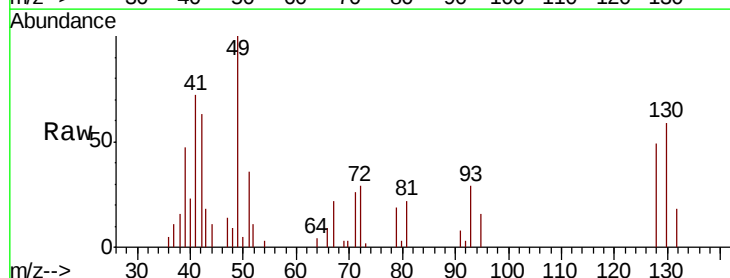
Tgt Ion: 49 Resp: 20677

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

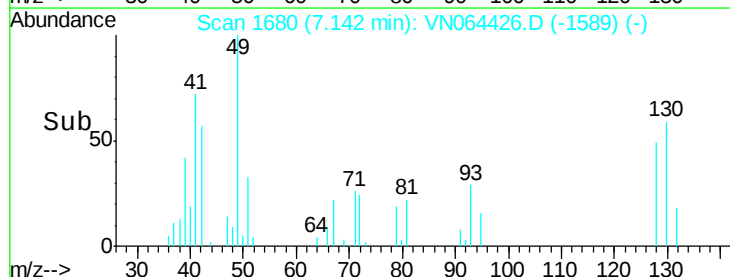
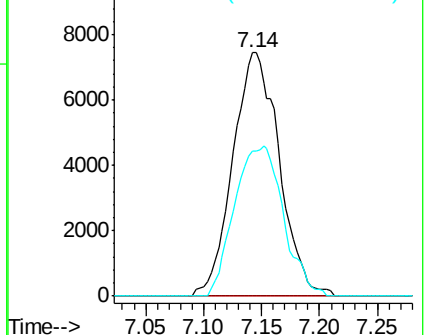
130 64.7 54.2 81.4

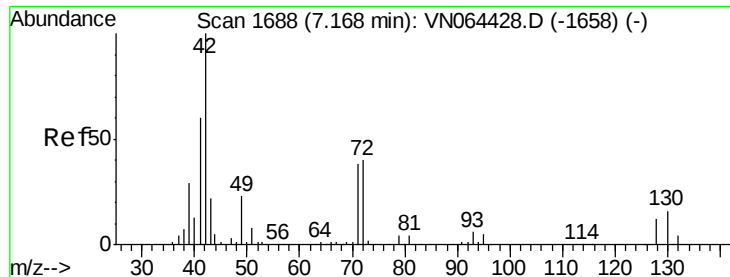


Abundance Ion 48.90 (48.60 to 49.60): VN064426.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064426.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064426.D (-1589) (-)

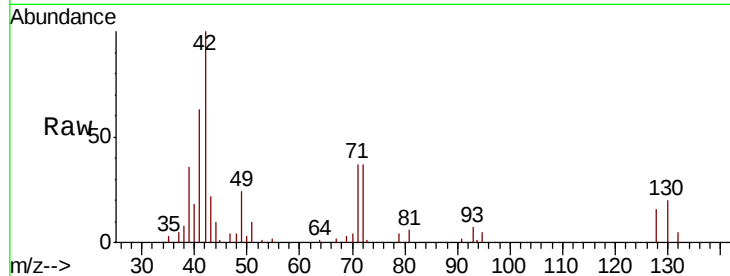




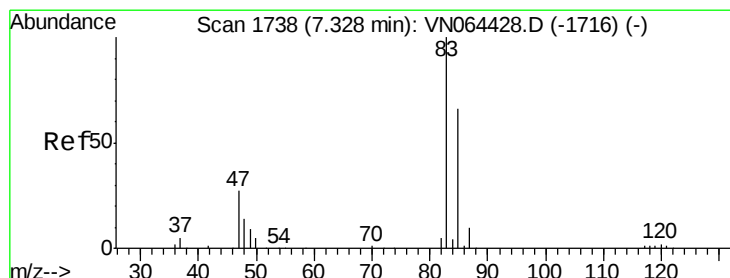
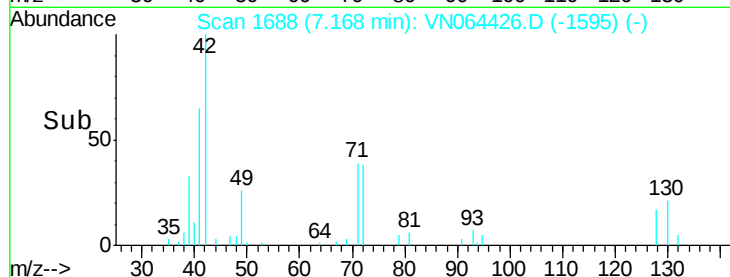
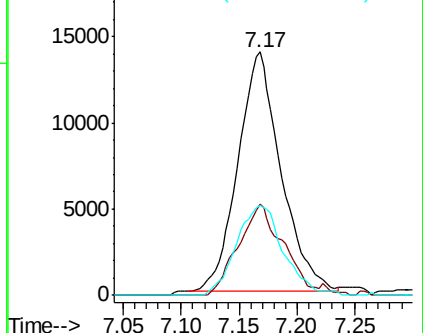
#29
Tetrahydrofuran
Concen: 19.364 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 35705
Ion Ratio Lower Upper
42 100
72 39.5 31.7 47.5
71 40.7 29.8 44.6

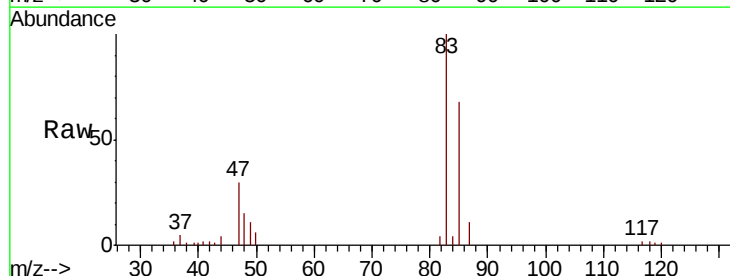


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

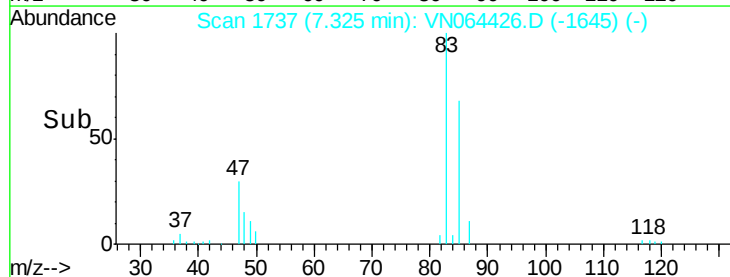
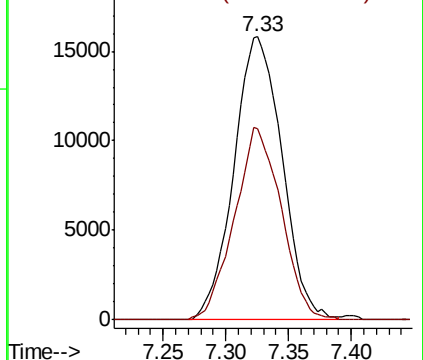


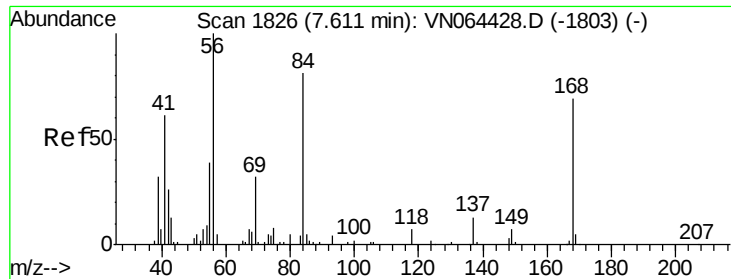
#30
Chloroform
Concen: 5.141 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 83 Resp: 42253
Ion Ratio Lower Upper
83 100
85 67.8 52.5 78.7



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

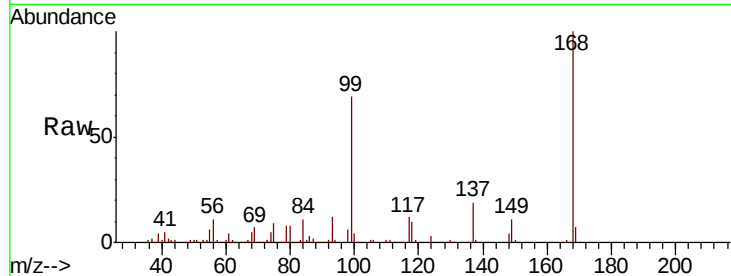




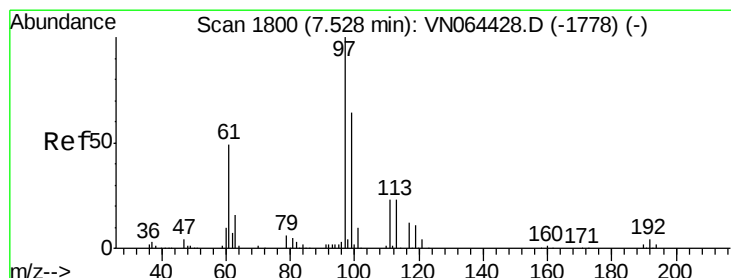
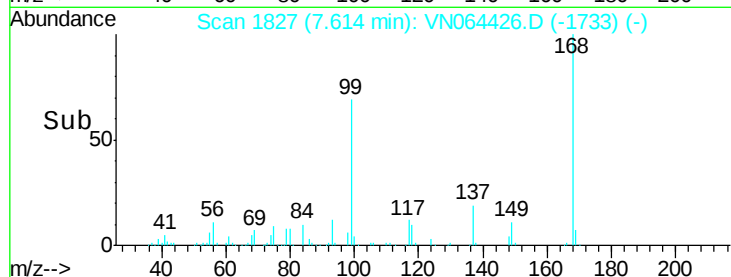
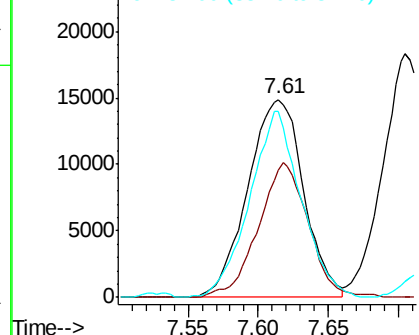
#31
Cyclohexane
Concen: 6.060 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 56 Resp: 40966
Ion Ratio Lower Upper
56 100
69 64.4 25.6 38.4#
84 93.0 63.0 94.6

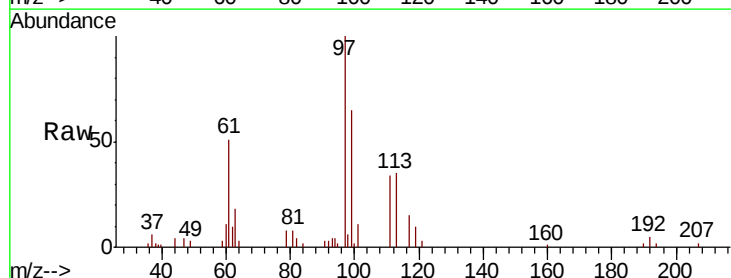


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

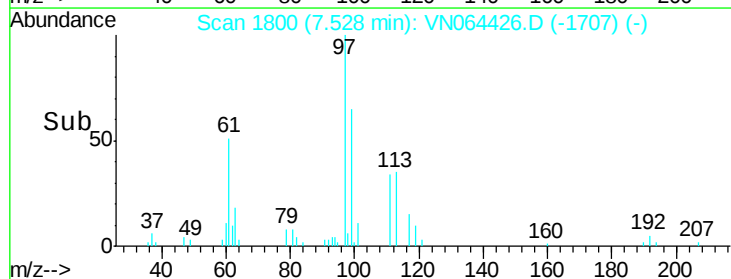
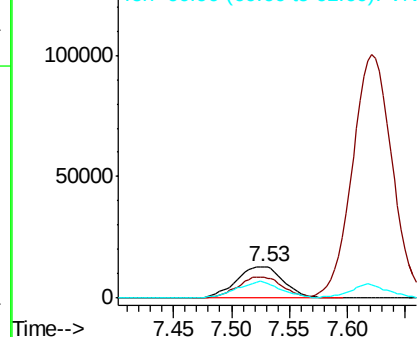


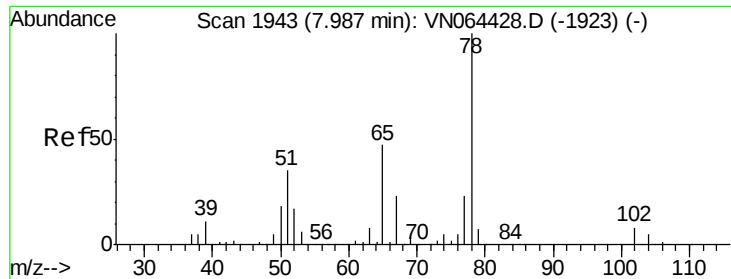
#32
1,1,1-Trichloroethane
Concen: 4.731 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 97 Resp: 36716
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 50.1 39.1 58.7



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

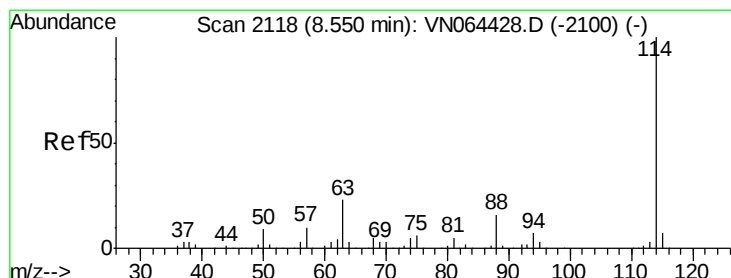
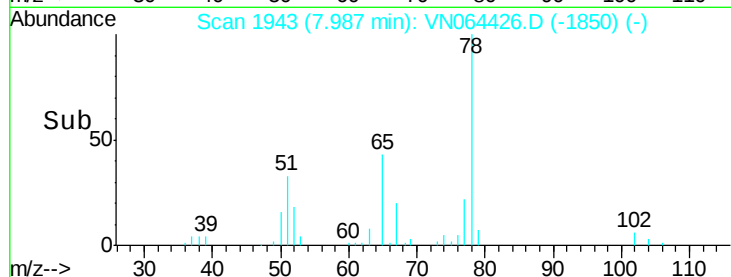
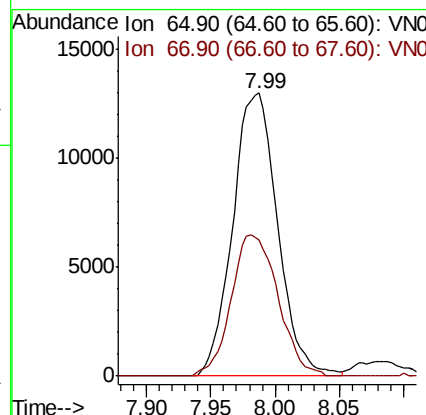
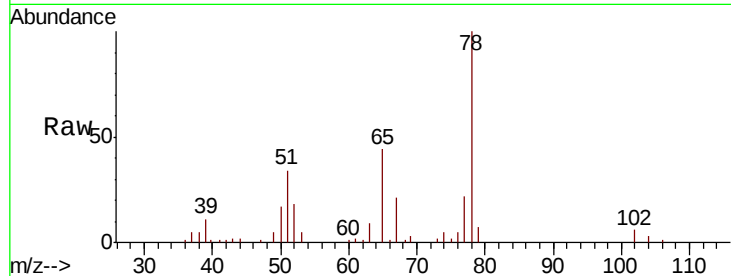




#33
 1,2-Dichloroethane-d4
 Concen: 5.514 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

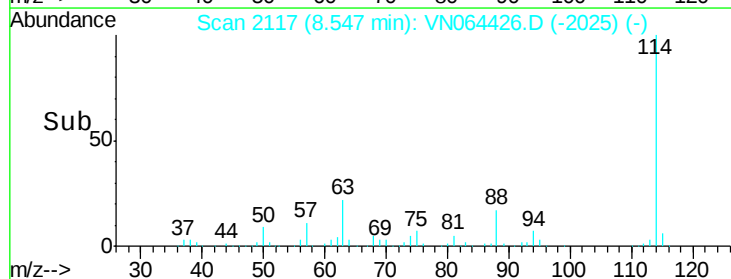
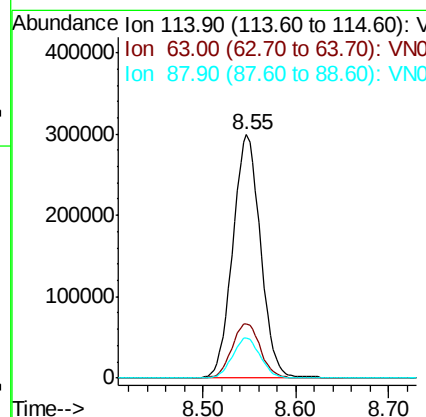
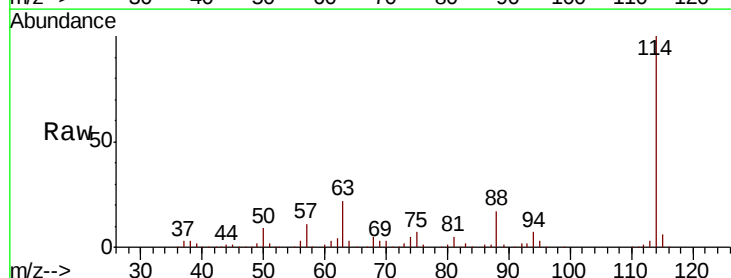
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

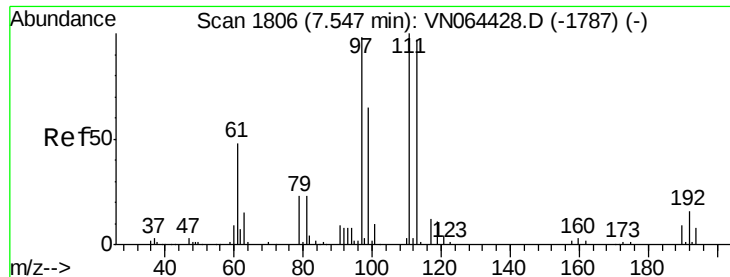
Tot Ion: 65 Resp: 31473
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 114 Resp: 620881
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.5 0.0 32.8

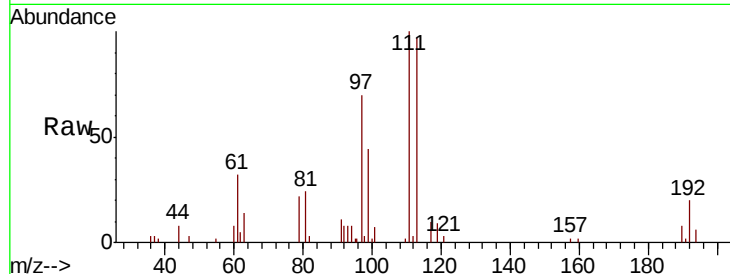




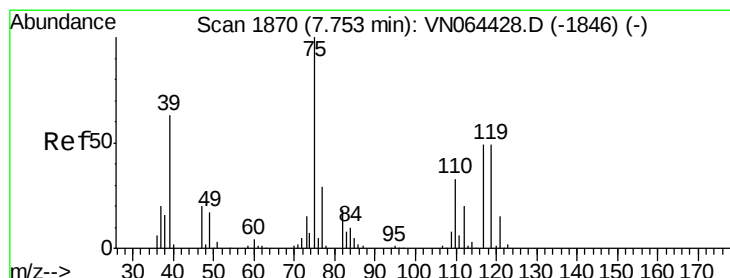
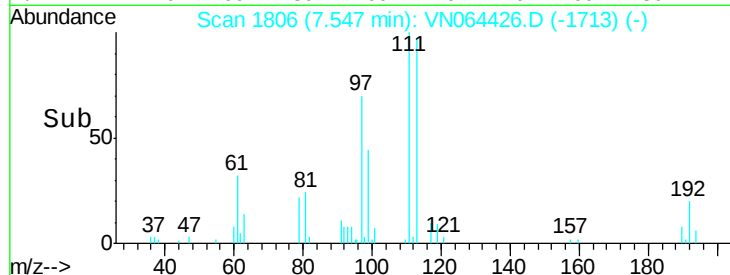
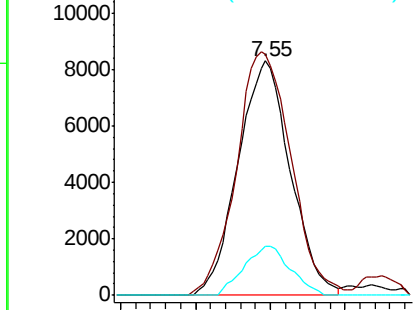
#35
 Dibromofluoromethane
 Concen: 4.880 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:113 Resp: 20218
 Ion Ratio Lower Upper
 113 100
 111 108.2 81.1 121.7
 192 18.6 12.8 19.2

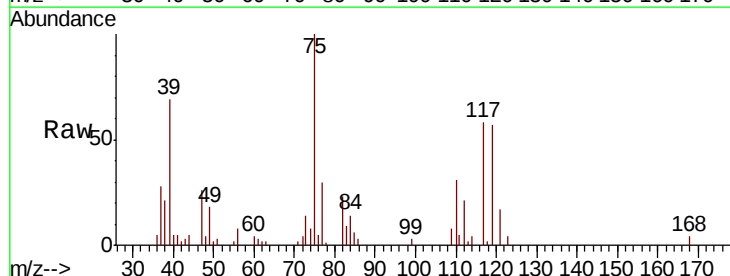


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

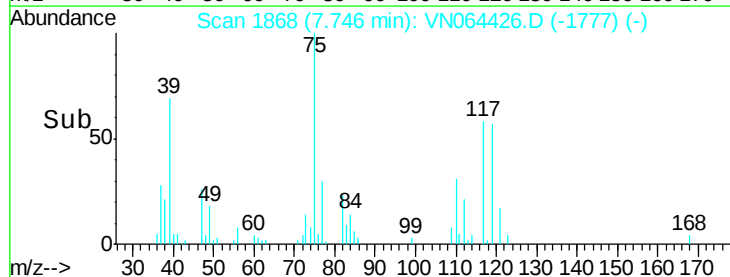
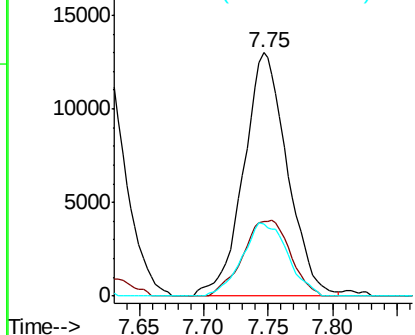


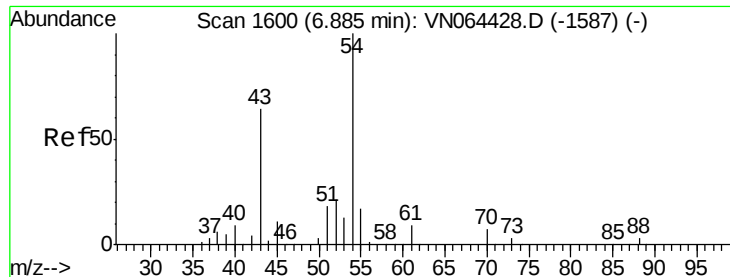
#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 30668
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.0 48.0
 77 31.4 24.0 36.0



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

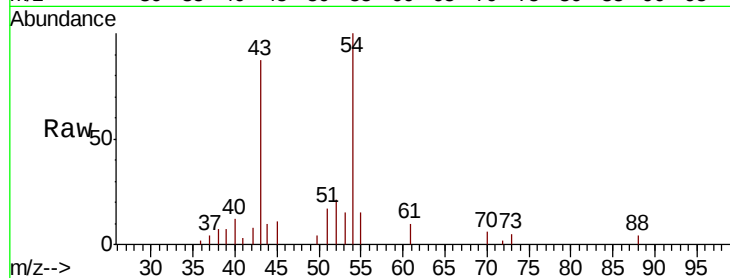




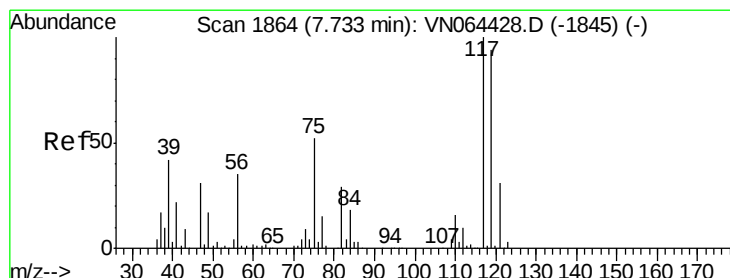
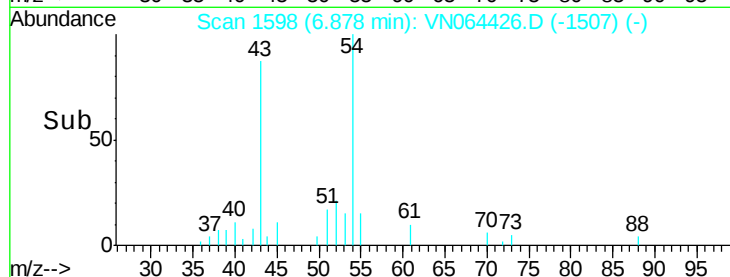
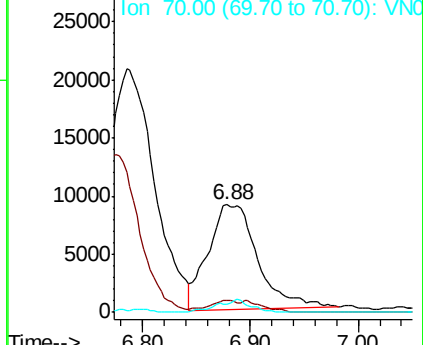
#37
Ethyl Acetate
Concen: 4.513 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 28823
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 3.2 7.1 10.7#

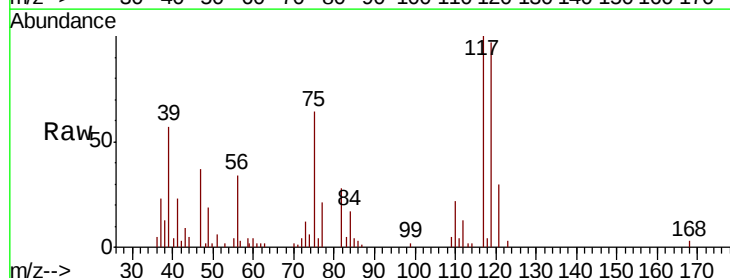


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

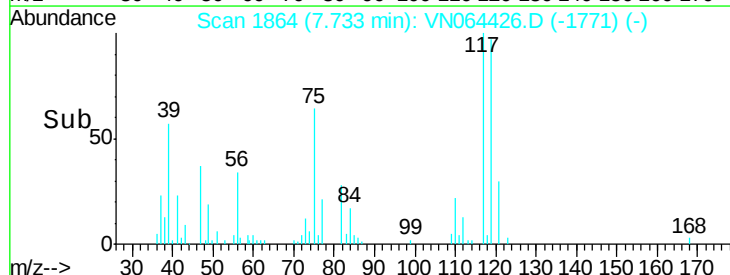
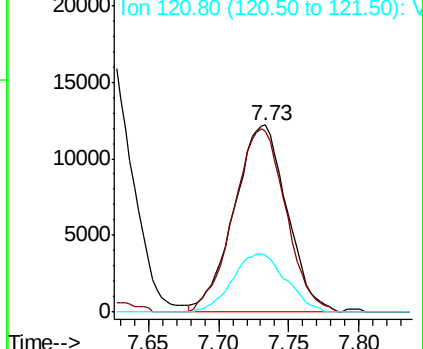


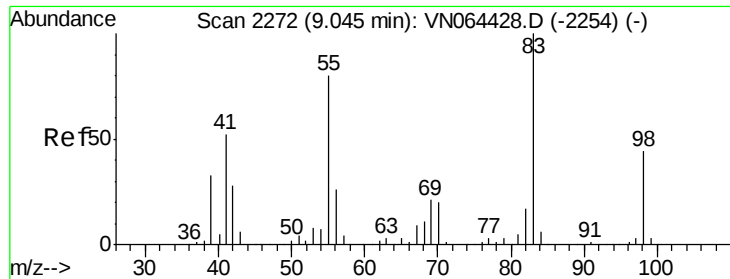
#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 117 Resp: 31849
Ion Ratio Lower Upper
117 100
119 96.9 75.5 113.3
121 30.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

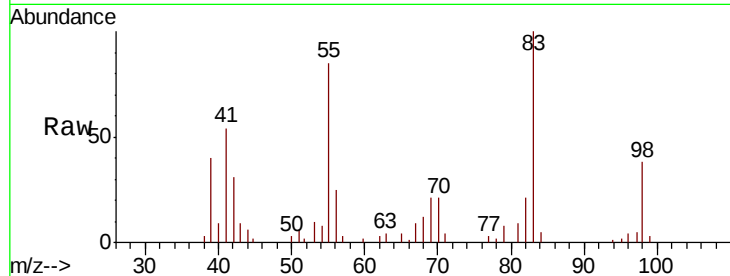




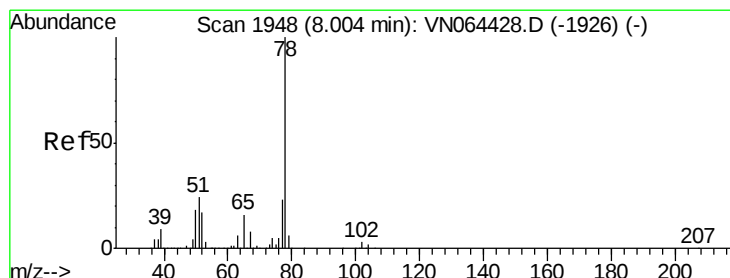
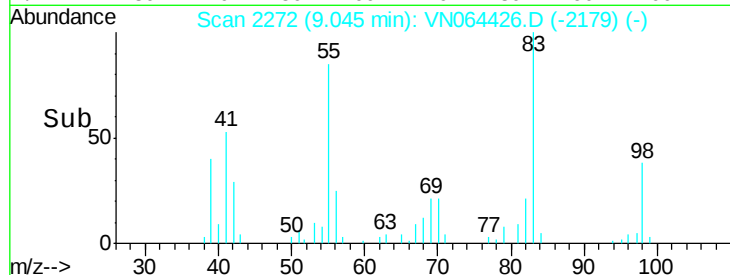
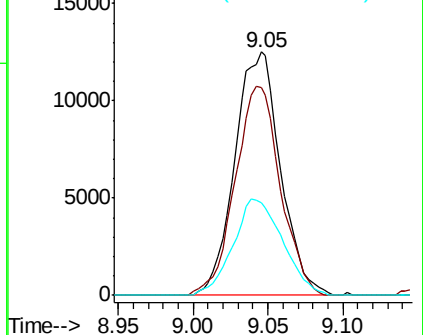
#39
Methvlcvclohexane
Concen: 4.260 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 26598
Ion Ratio Lower Upper
83 100
55 85.5 63.8 95.6
98 37.9 35.4 53.2

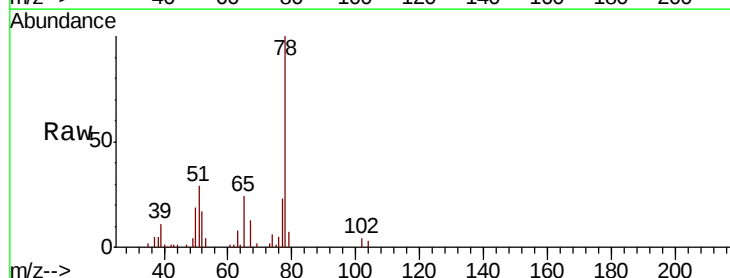


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

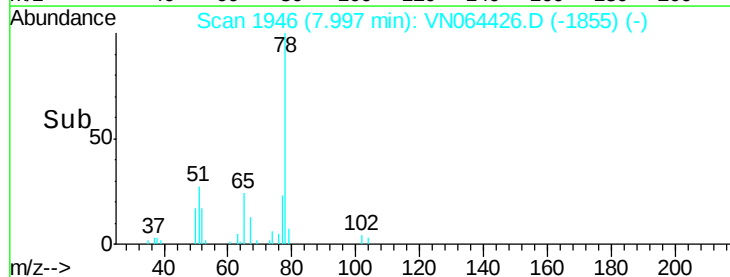
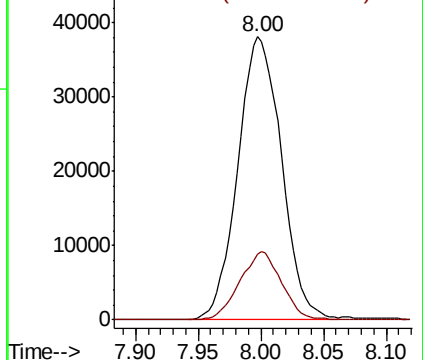


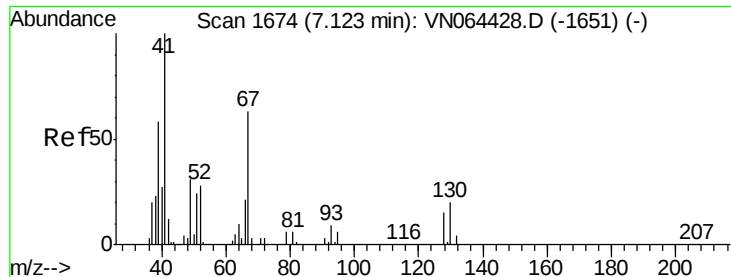
#40
Benzene
Concen: 5.145 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 78 Resp: 92261
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



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

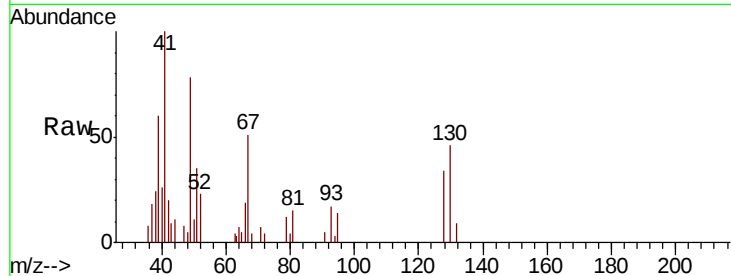




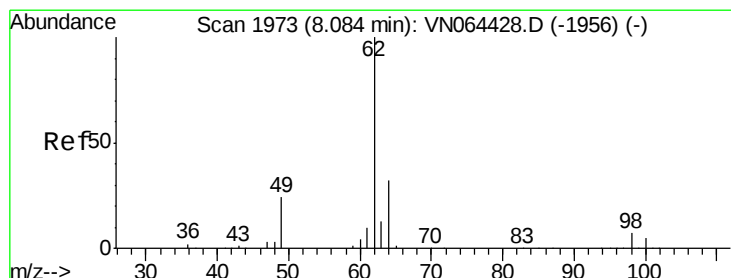
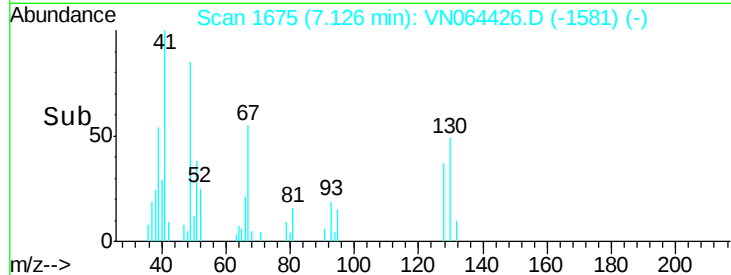
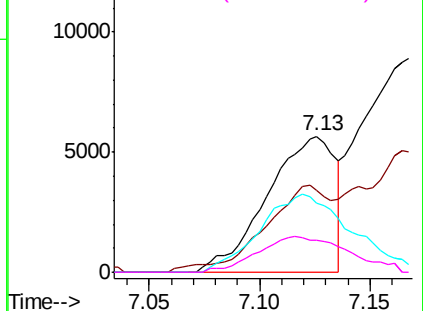
#41
Methacrylonitrile
Concen: 3.887 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	12091
Ion	Ratio	Lower	Upper
41	100		
39	59.6	50.0	75.0
67	77.2	68.3	102.5
52	35.0	32.7	49.1

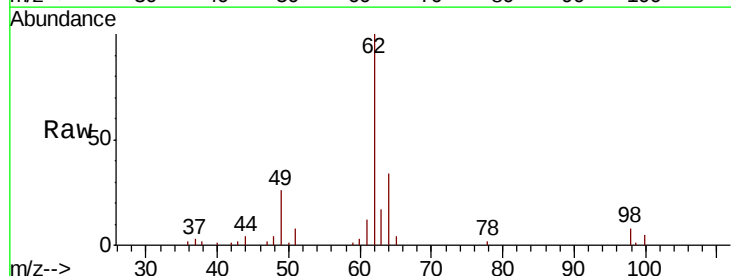


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

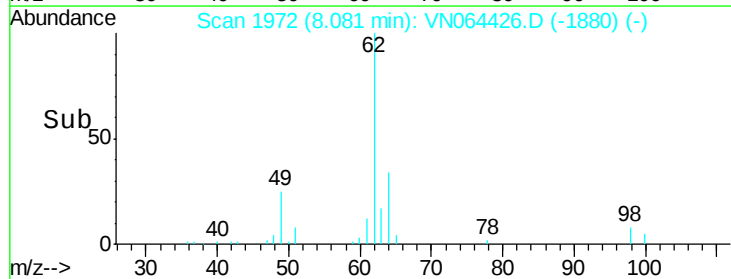
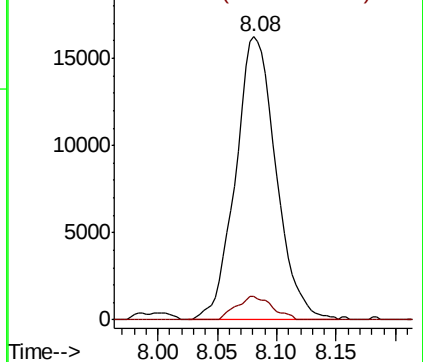


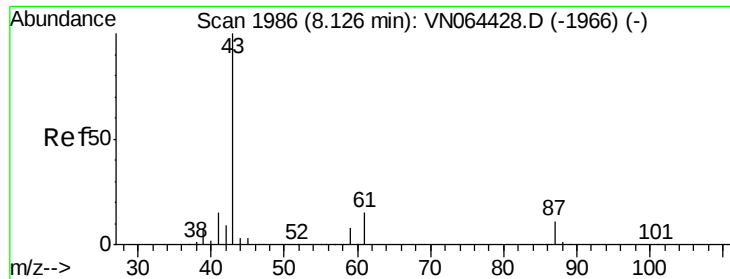
#42
1,2-Dichloroethane
Concen: 5.023 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:	62	Resp:	38358
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 4.330 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

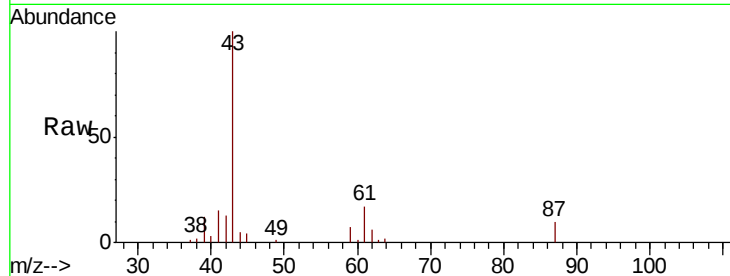
Tot Ion: 43 Resp: 47180

Ion Ratio Lower Upper

43 100

61 18.6 14.0 21.0

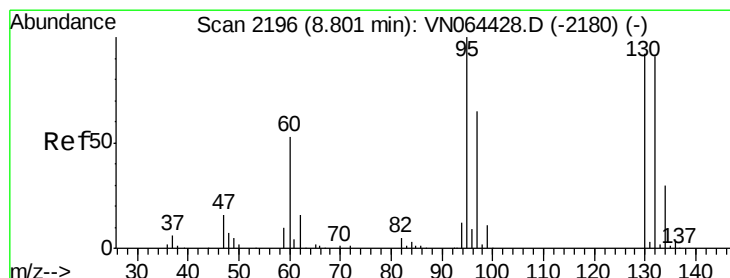
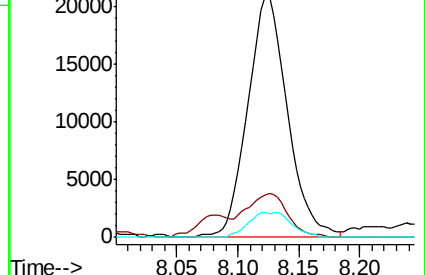
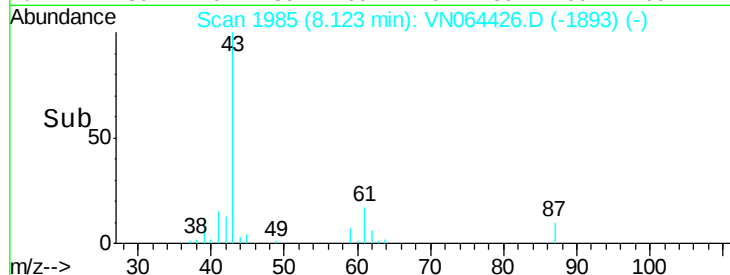
87 5.7 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064426.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064426.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064426.D (-1893) (-)



#44

Trichloroethene

Concen: 4.926 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064426.D

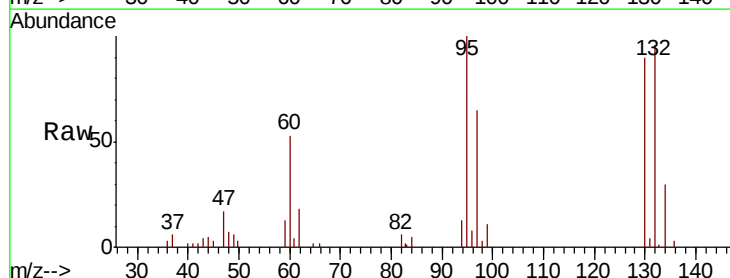
Acq: 4 Nov 2020 10:12

Tgt Ion: 130 Resp: 22804

Ion Ratio Lower Upper

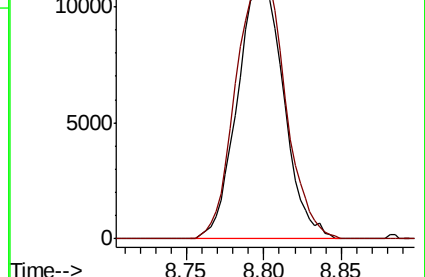
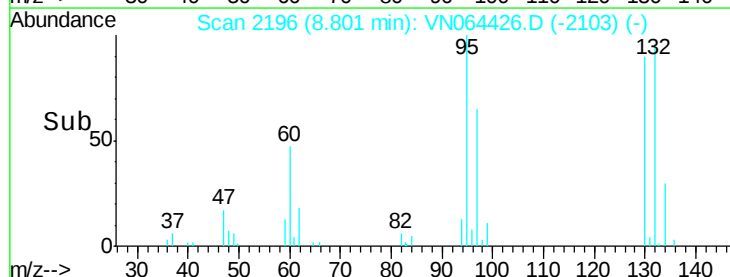
130 100

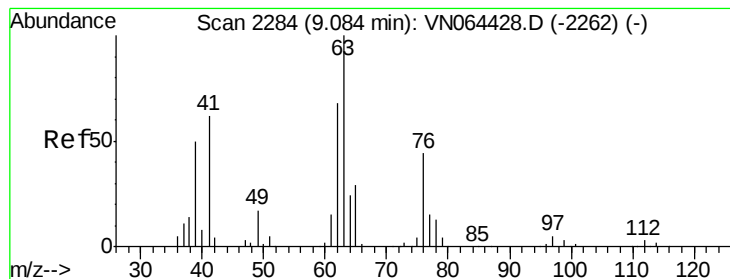
95 111.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064426.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064426.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 4.961 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

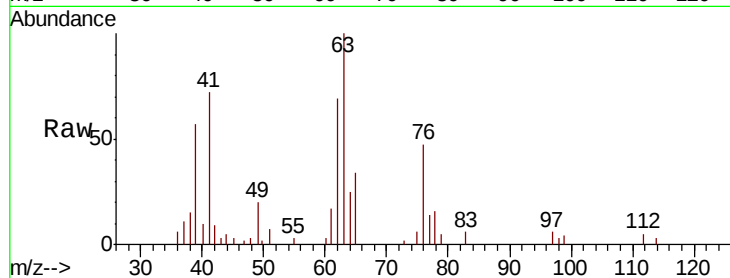
VSTDIC005

Tot Ion: 63 Resp: 23864

Ion Ratio Lower Upper

63 100

65 34.2 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN064426.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN064426.D (-2191) (-)

9.08

12000

10000

8000

6000

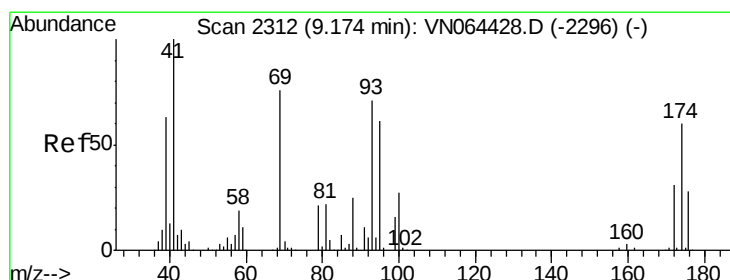
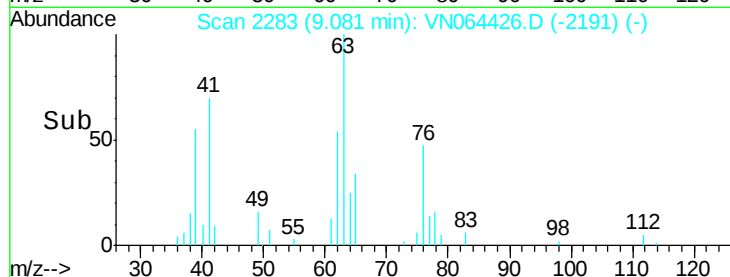
4000

2000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 4.673 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

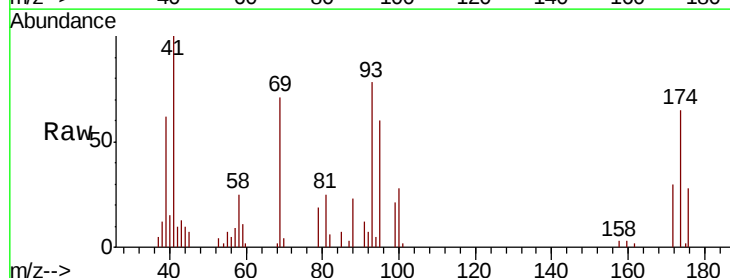
Tgt Ion: 93 Resp: 15429

Ion Ratio Lower Upper

93 100

95 90.4 66.4 99.6

174 87.1 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN064426.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064426.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064426.D (-2219) (-)

9.17

10000

8000

6000

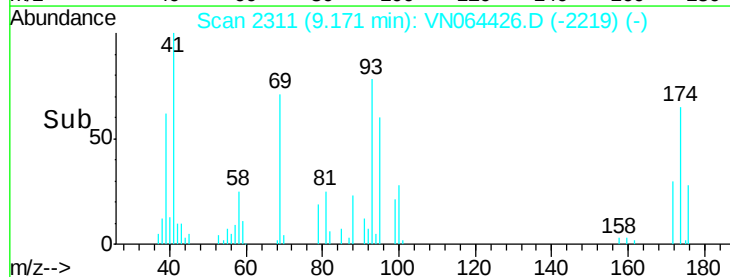
4000

2000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 4.665 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

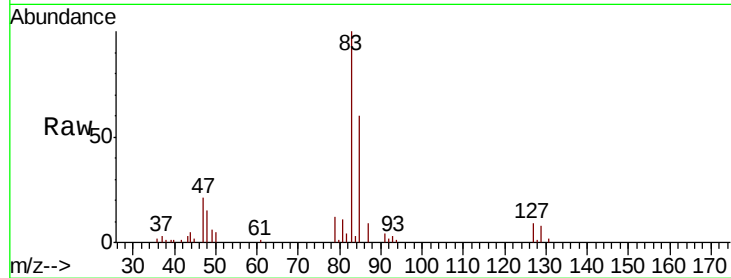
Tot Ion: 83 Resp: 34206

Ion Ratio Lower Upper

83 100

85 59.9 51.2 76.8

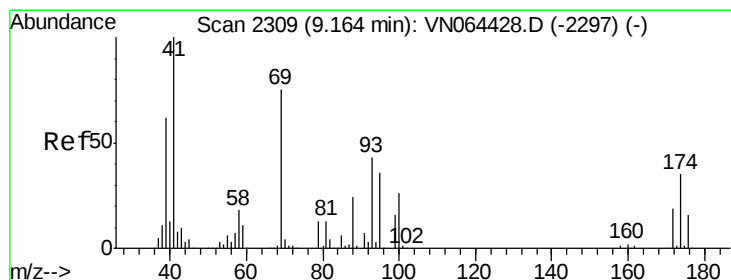
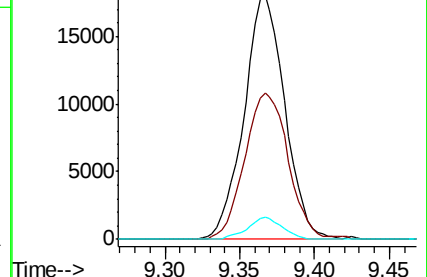
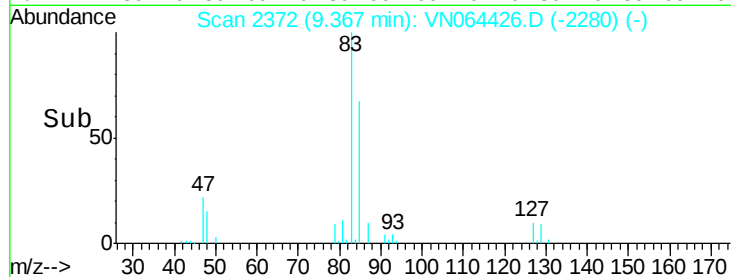
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064426.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064426.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064426.D (-2280) (-)



#48

Methyl methacrylate

Concen: 4.101 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

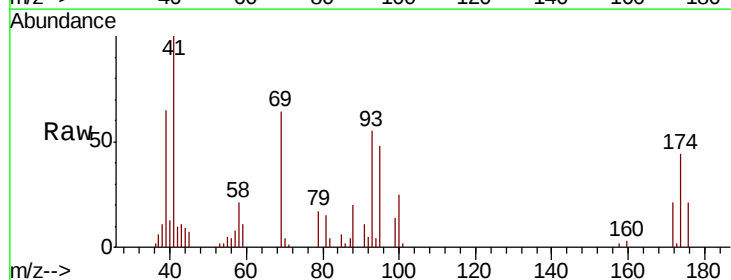
Tgt Ion: 41 Resp: 23085

Ion Ratio Lower Upper

41 100

69 71.1 60.4 90.6

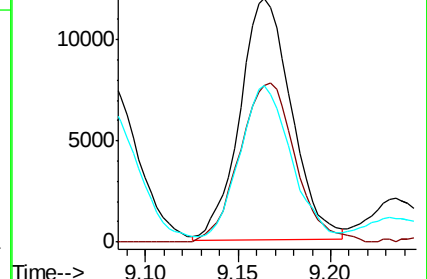
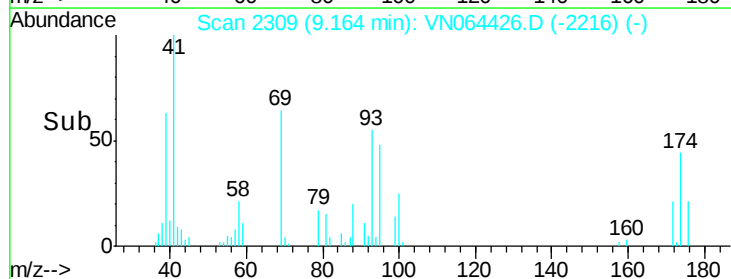
39 65.7 51.2 76.8

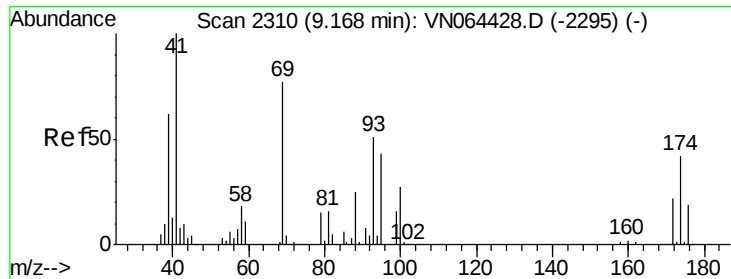


Abundance Ion 41.00 (40.70 to 41.70): VN064426.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064426.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064426.D (-2216) (-)

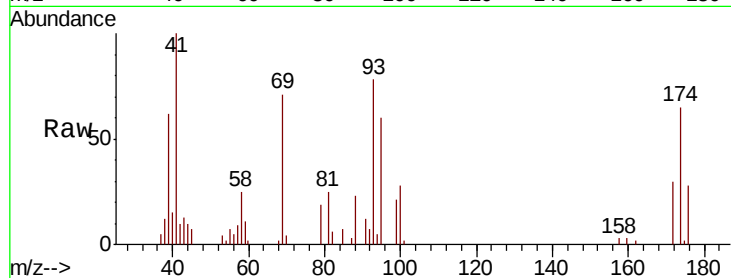




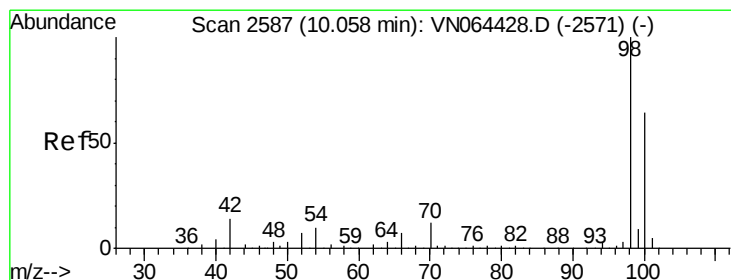
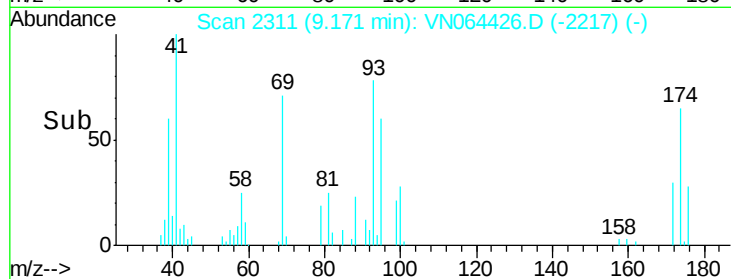
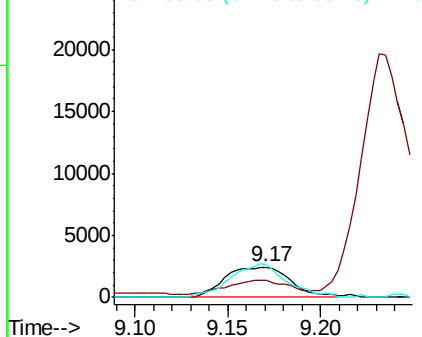
#49
1,4-Dioxane
Concen: 73.358 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 5949
Ion Ratio Lower Upper
88 100
43 41.5 31.0 46.6
58 94.9 58.4 87.6#

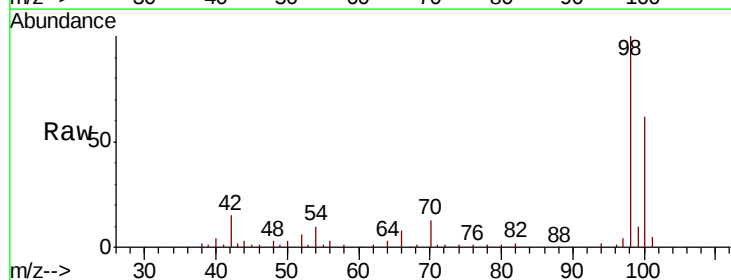


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

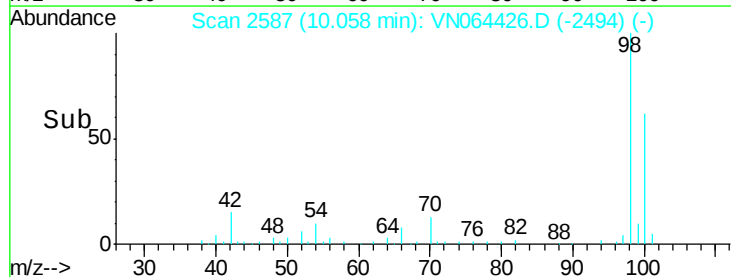
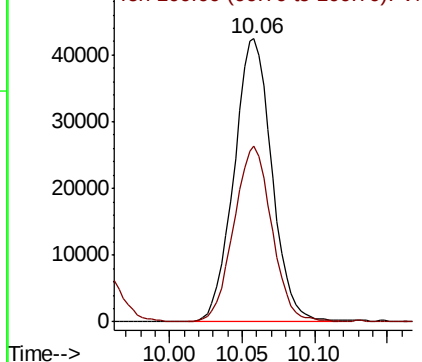


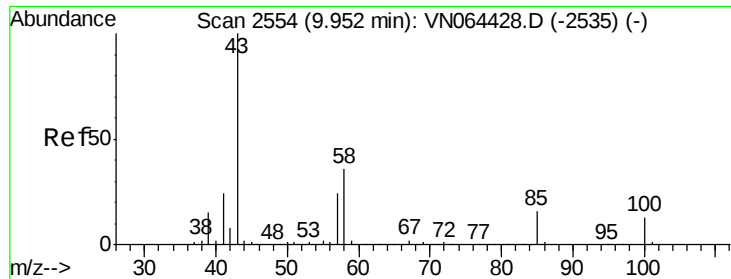
#50
Toluene-d8
Concen: 4.949 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 98 Resp: 76963
Ion Ratio Lower Upper
98 100
100 62.1 50.7 76.1



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: 20.825 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

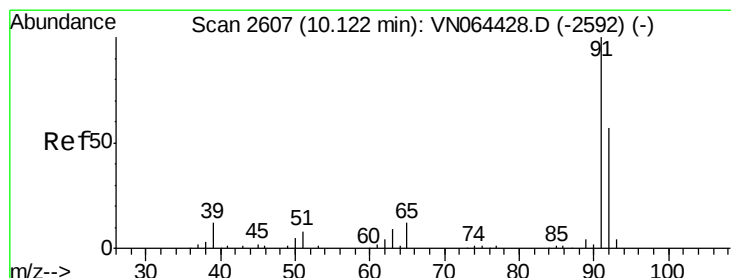
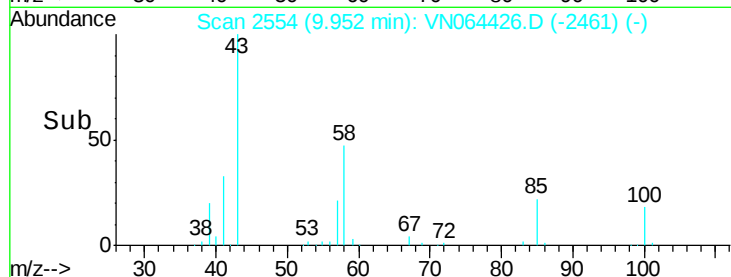
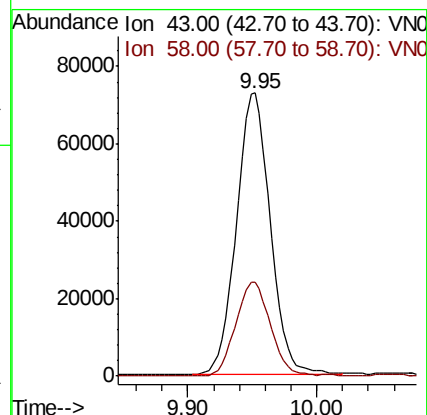
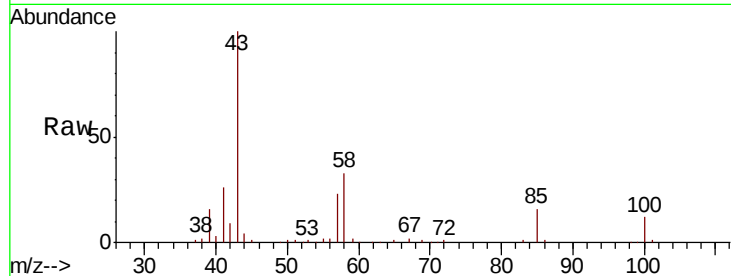
VSTDIC005

Tot Ion: 43 Resp: 132635

Ion Ratio Lower Upper

43 100

58 34.3 28.4 42.6



#52

Toluene

Concen: 4.710 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064426.D

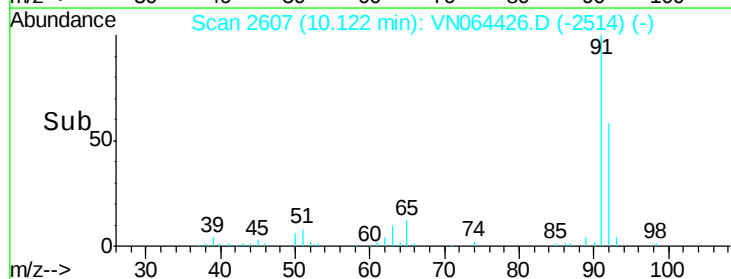
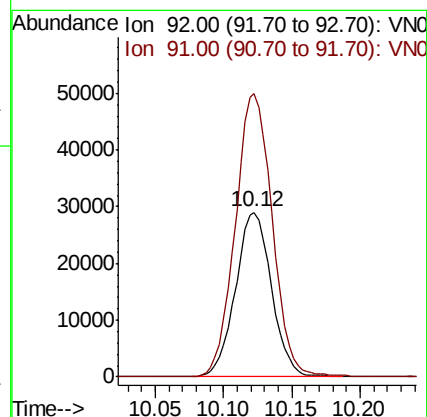
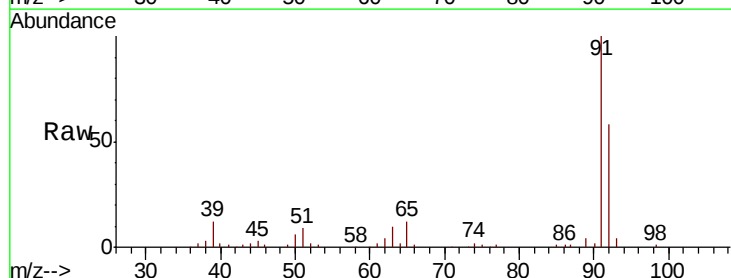
Acq: 4 Nov 2020 10:12

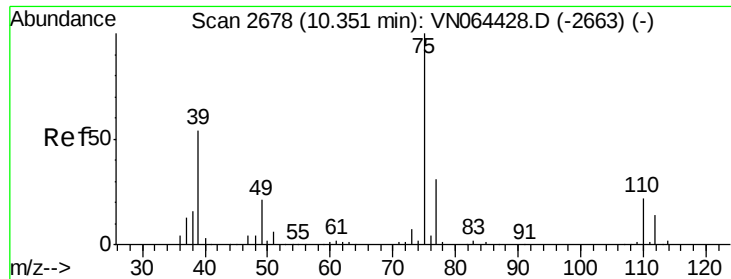
Tgt Ion: 92 Resp: 53212

Ion Ratio Lower Upper

92 100

91 176.8 139.6 209.4

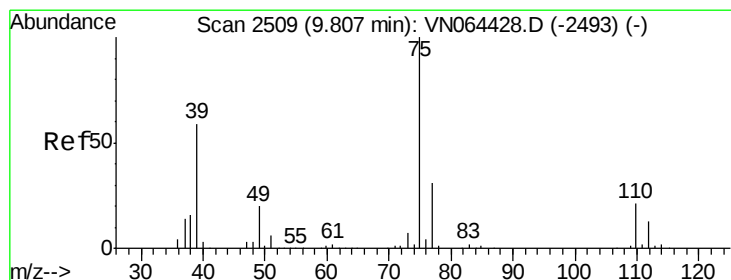
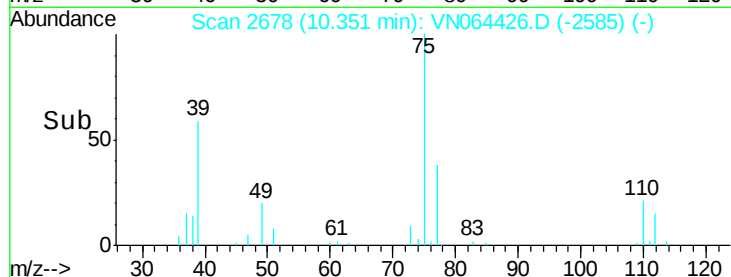
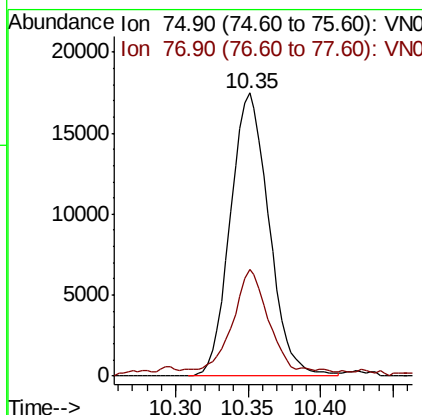
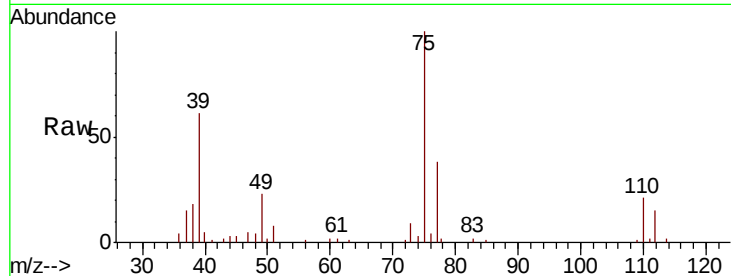




#53
 t-1,3-Dichloropropene
 Concen: 4.149 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

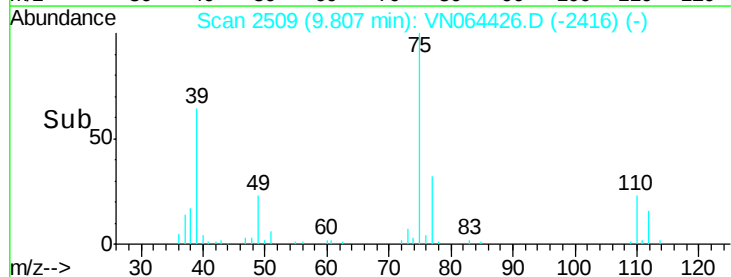
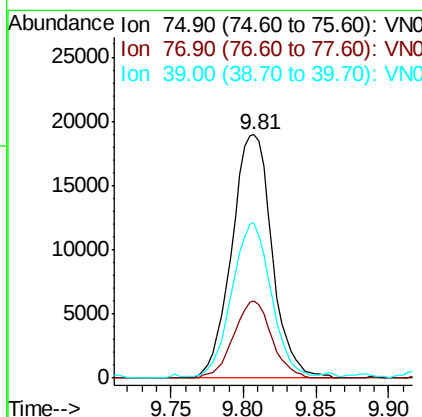
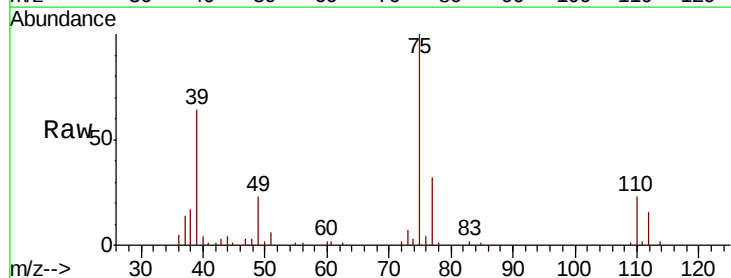
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

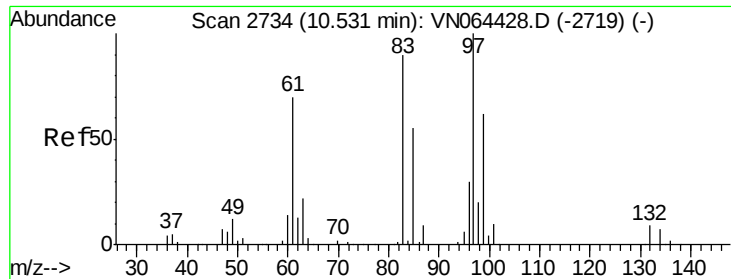
Tot Ion: 75 Resp: 32351
 Ion Ratio Lower Upper
 75 100
 77 36.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.563 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 36591
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.9 37.3
 39 63.0 47.1 70.7



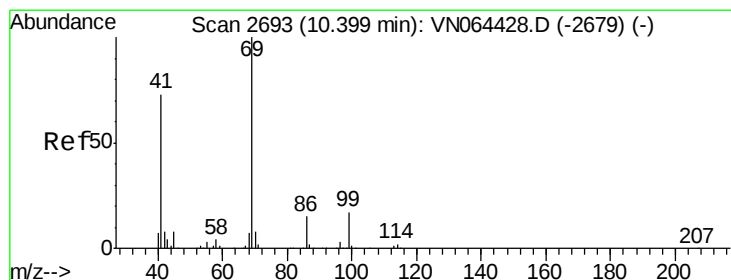
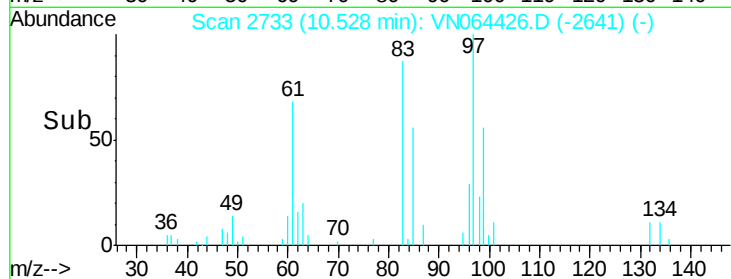
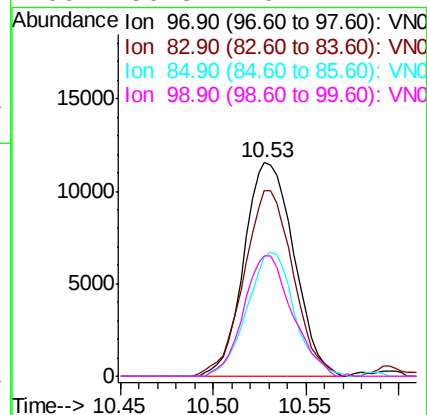
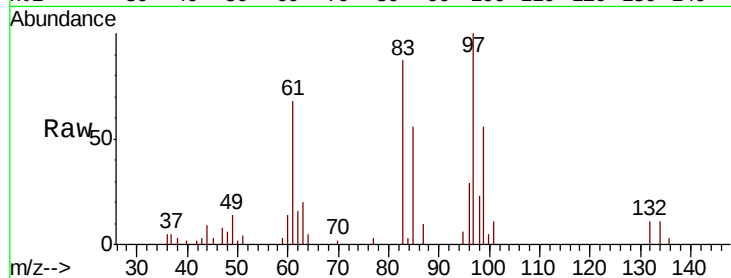


#55
 1,1,2-Trichloroethane
 Concen: 4.887 ug/l
 RT: 10.53 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 21682

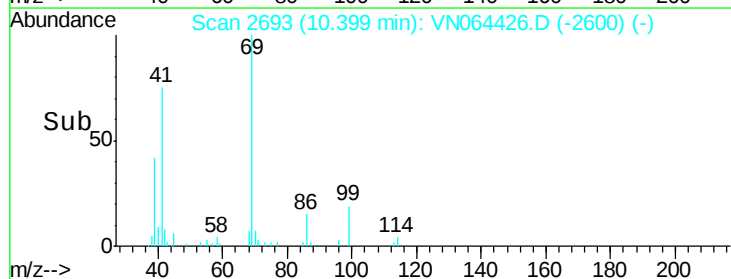
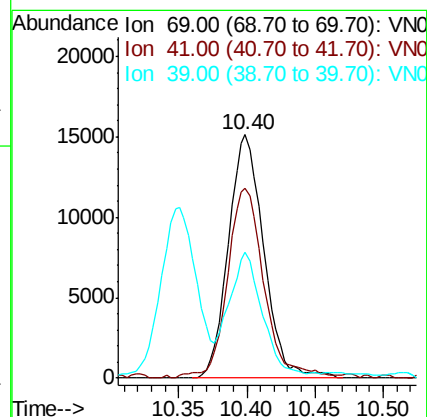
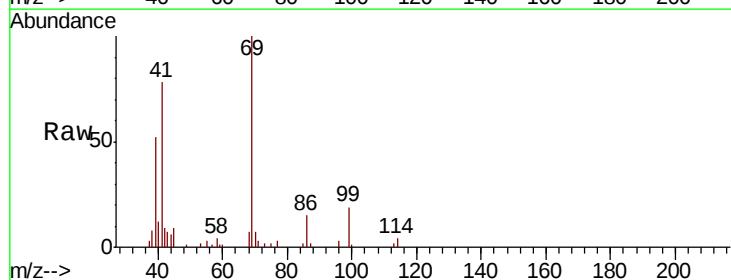
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.7	107.5
85	55.8	44.3	66.5
99	56.3	49.4	74.2

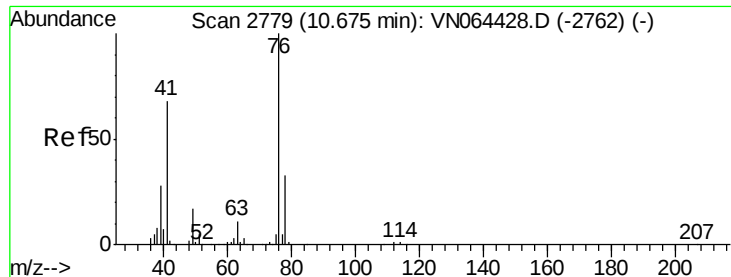


#56
 Ethyl methacrylate
 Concen: 4.081 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 69 Resp: 27296

Ion	Ratio	Lower	Upper
69	100		
41	80.5	59.3	88.9
39	45.6	35.4	53.0

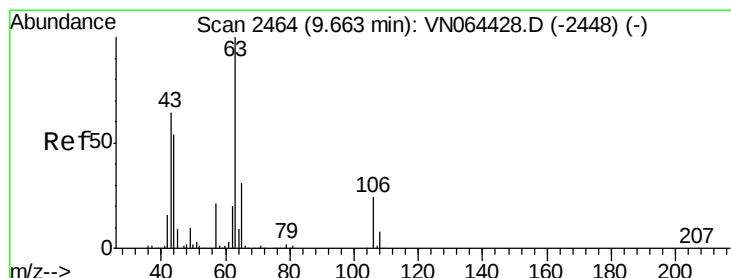
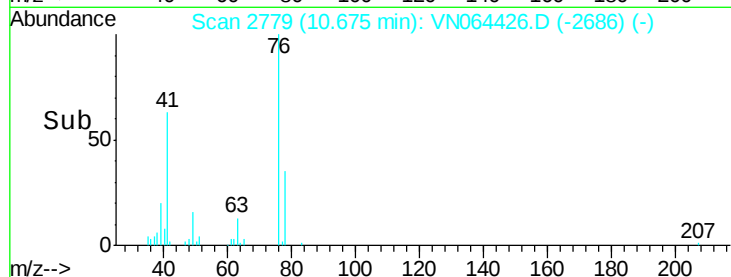
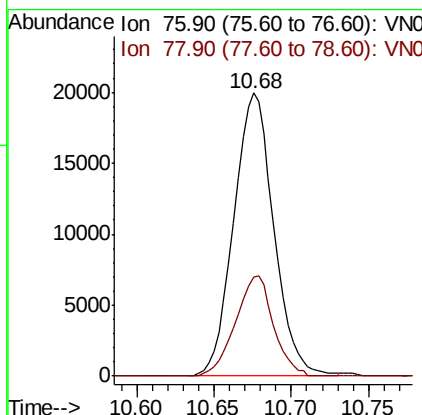
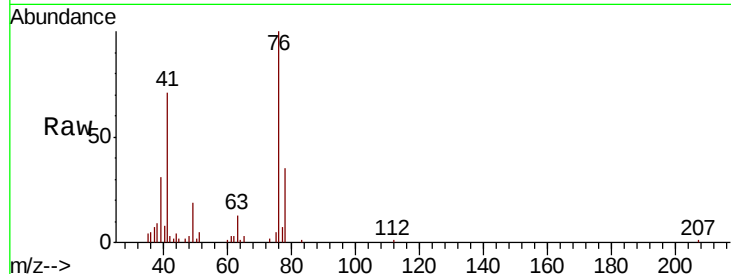




#57
 1,3-Dichloropropane
 Concen: 4.740 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

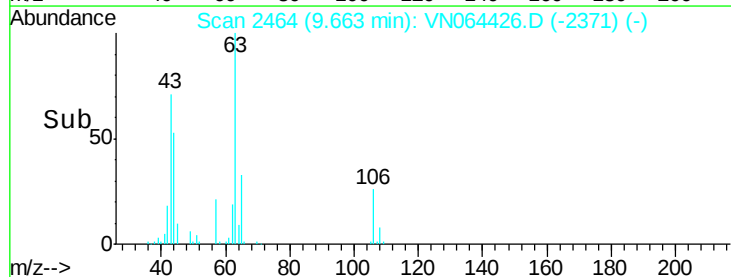
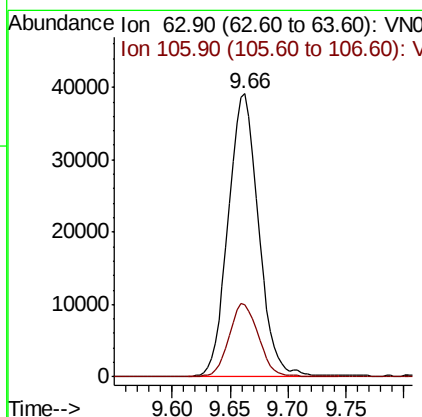
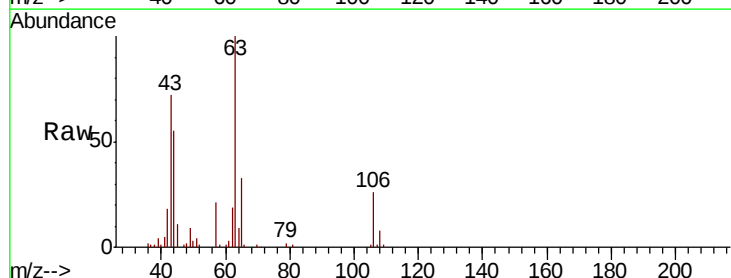
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

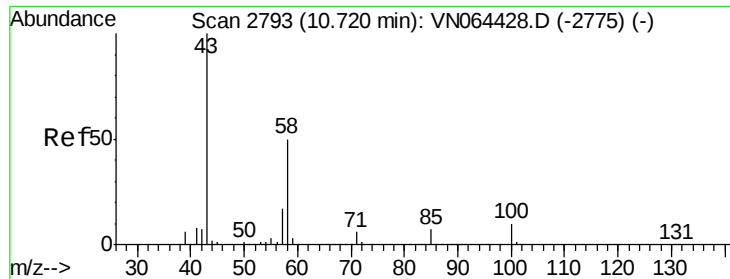
Tot Ion: 76 Resp: 35863
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.456 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 63 Resp: 71183
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.5 29.3

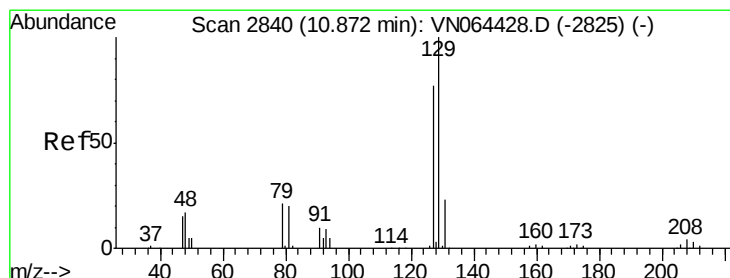
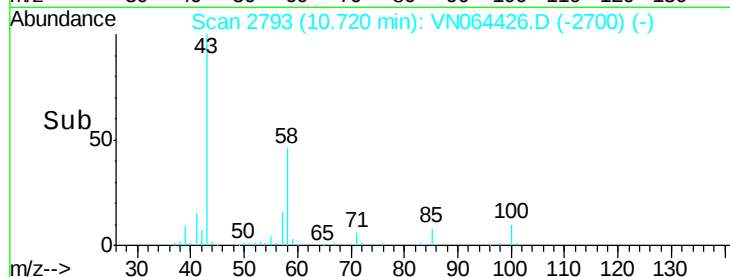
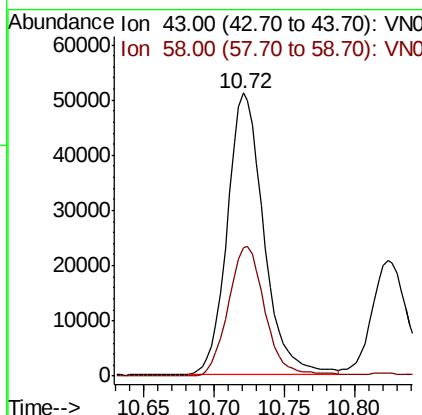
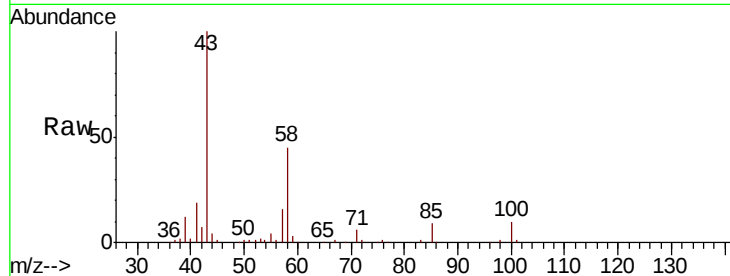




#59
2-Hexanone
Concen: 19.628 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

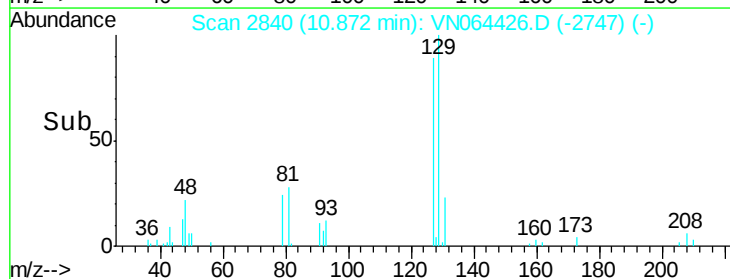
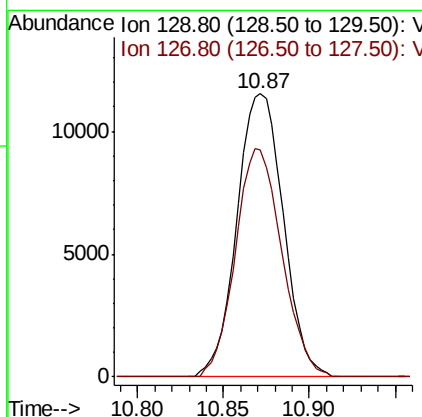
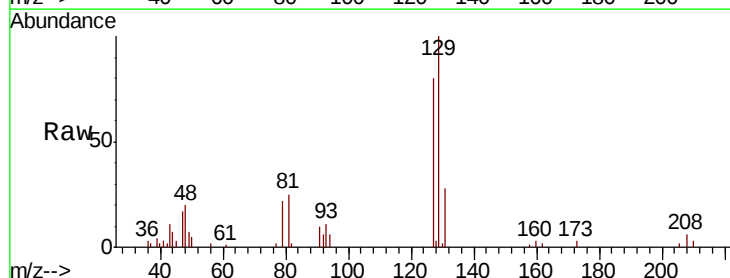
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

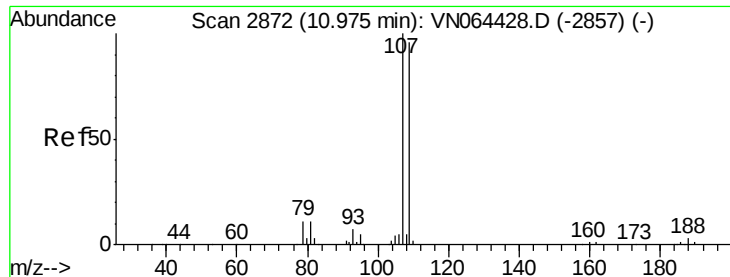
Tot Ion: 43 Resp: 91880
Ion Ratio Lower Upper
43 100
58 46.9 24.7 74.1



#60
Dibromochloromethane
Concen: 4.178 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 129 Resp: 21585
Ion Ratio Lower Upper
129 100
127 80.4 38.9 116.7

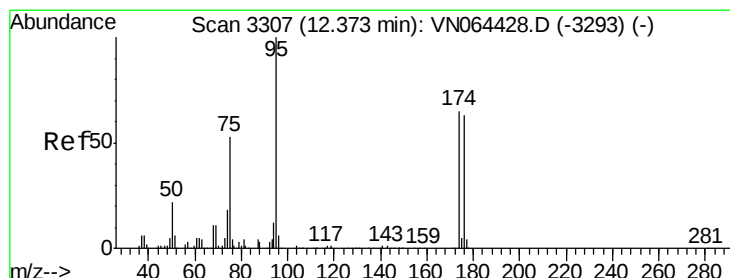
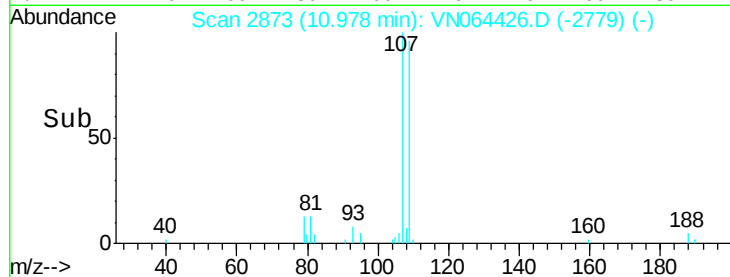
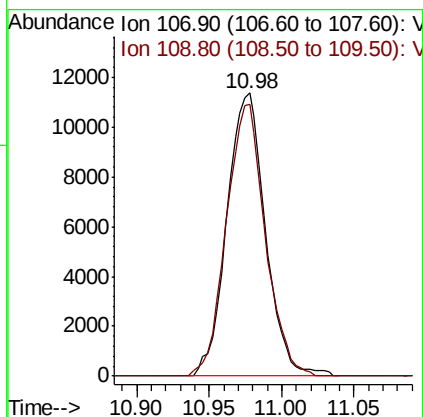
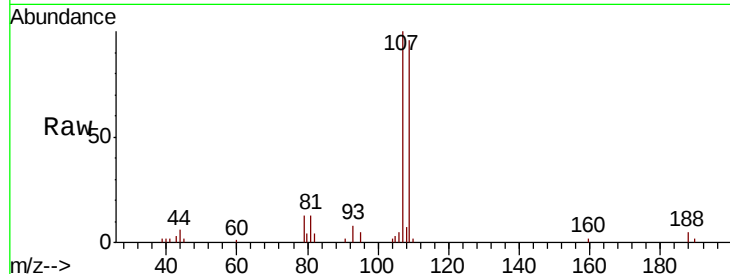




#61
 1,2-Dibromoethane
 Concen: 4.676 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

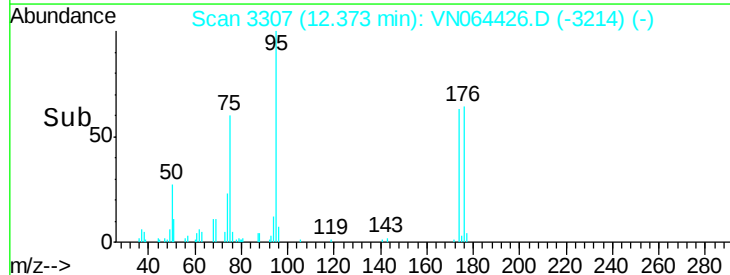
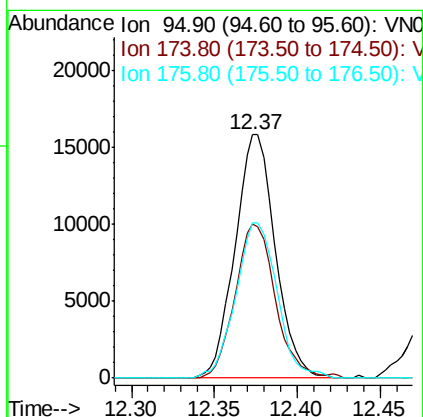
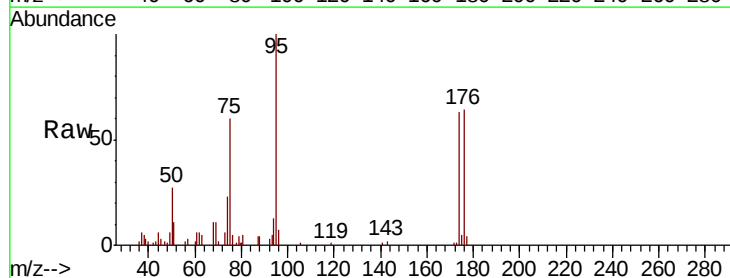
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

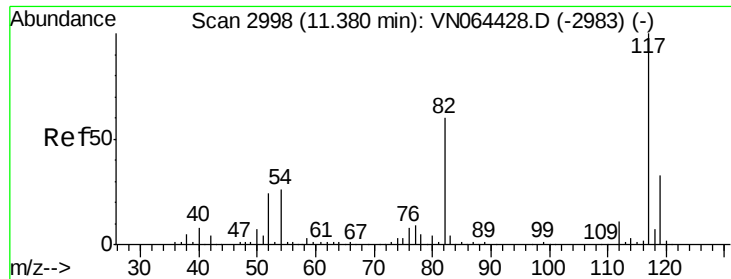
Tot Ion: 107 Resp: 21009
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 4.432 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 95 Resp: 26697
 Ion Ratio Lower Upper
 95 100
 174 63.4 0.0 132.6
 176 65.8 0.0 129.2

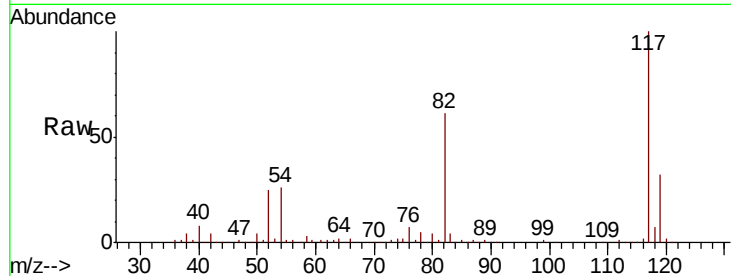




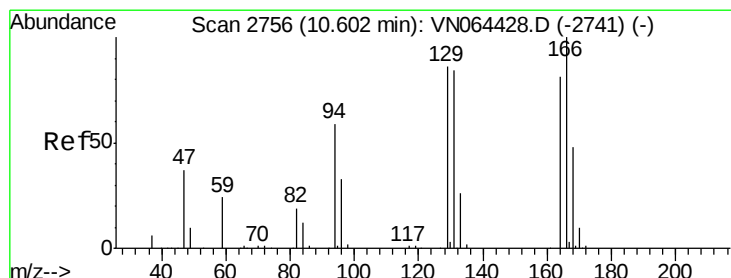
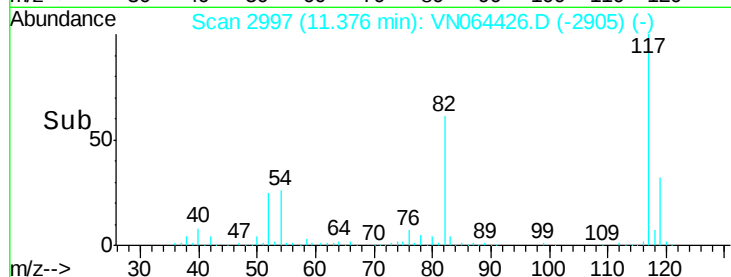
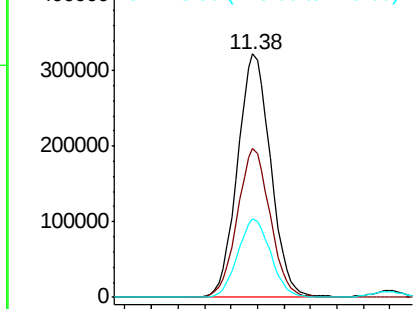
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 559682
Ion Ratio Lower Upper
117 100
82 61.3 48.1 72.1
119 32.1 26.2 39.4

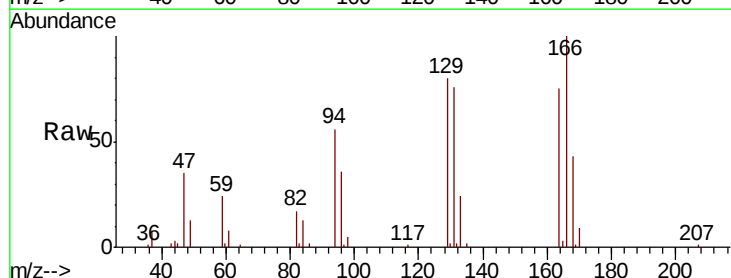


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

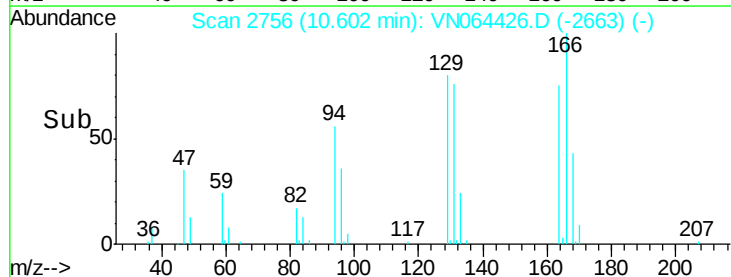
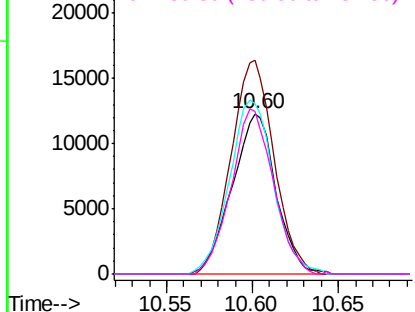


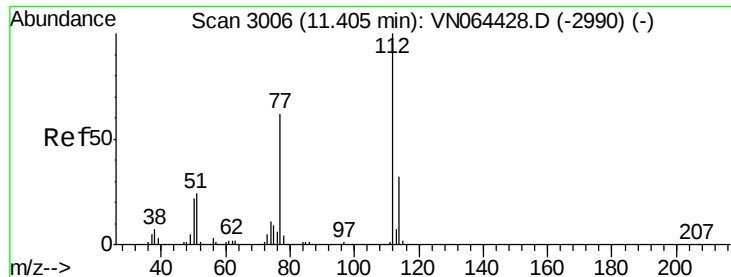
#64
Tetrachloroethene
Concen: 4.715 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:164 Resp: 21660
Ion Ratio Lower Upper
164 100
166 133.1 98.2 147.2
129 106.4 84.6 127.0
131 101.0 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

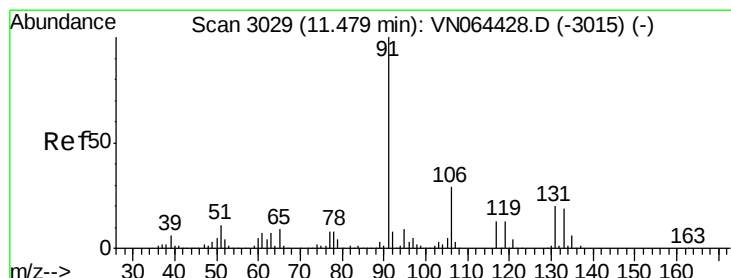
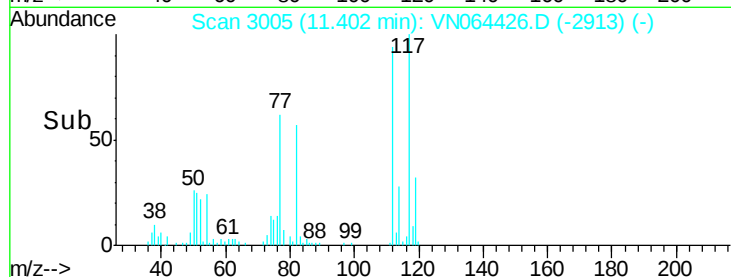
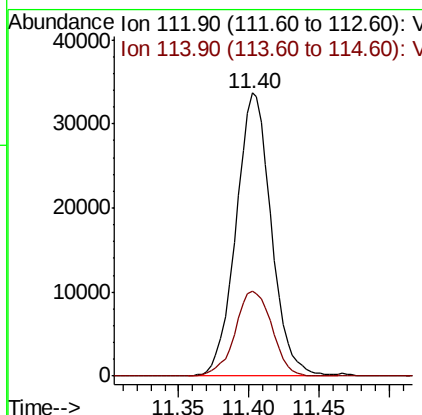
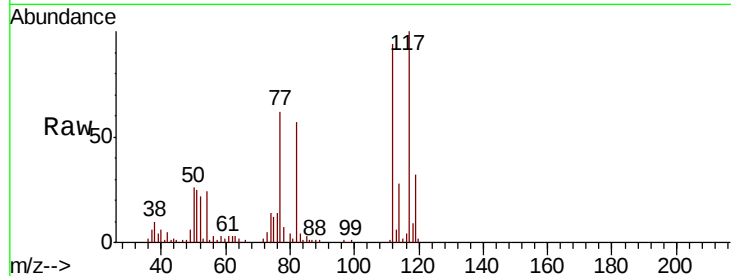




#65
Chlorobenzene
Concen: 5.088 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

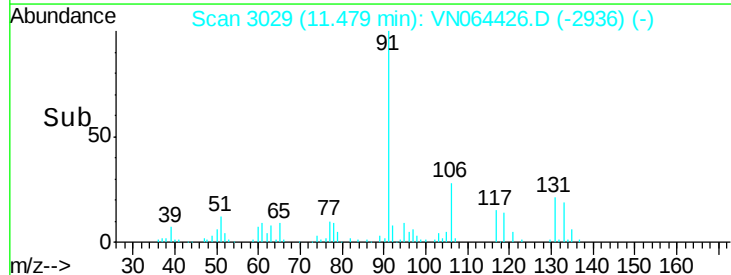
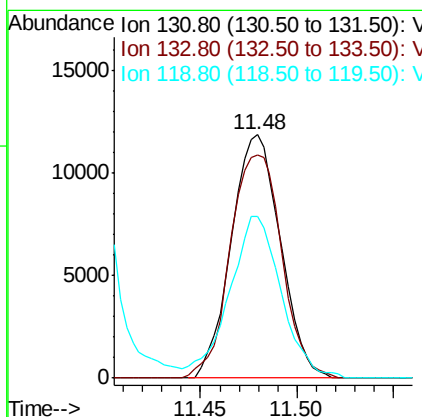
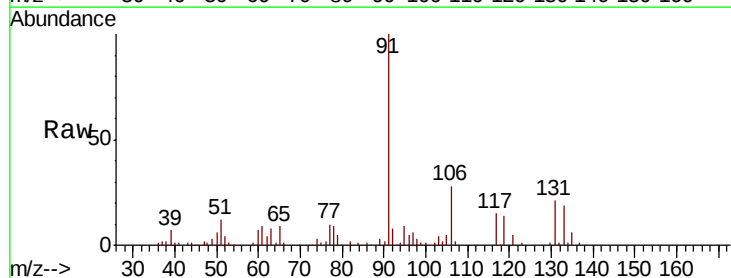
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

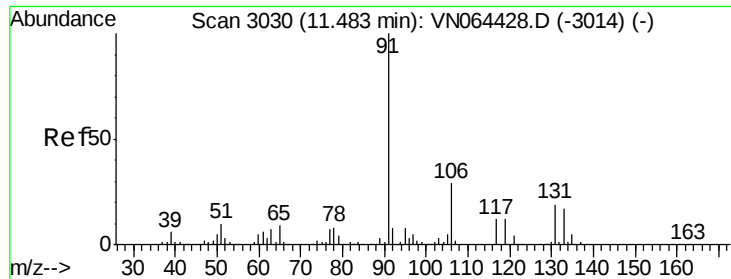
Tot Ion:112 Resp: 58907
Ion Ratio Lower Upper
112 100
114 29.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.532 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:131 Resp: 20988
Ion Ratio Lower Upper
131 100
133 96.9 46.9 140.7
119 70.4 32.1 96.5

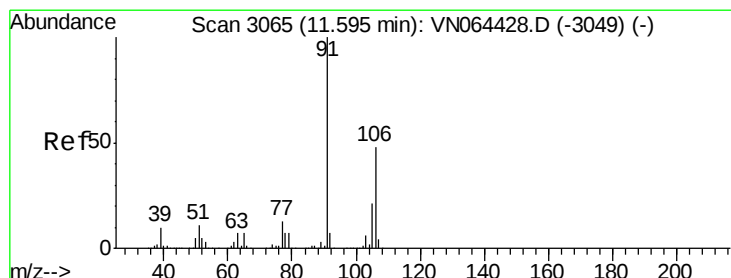
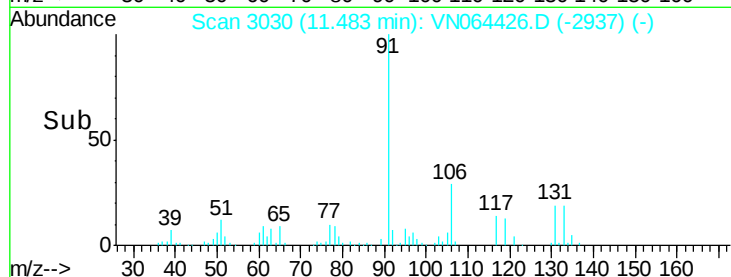
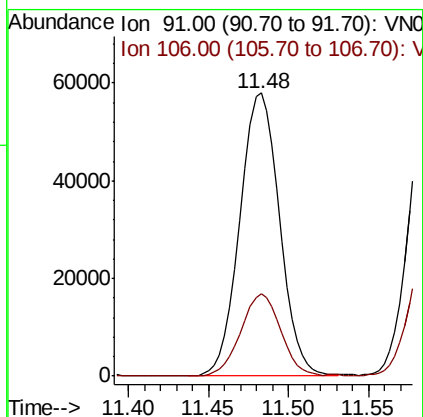
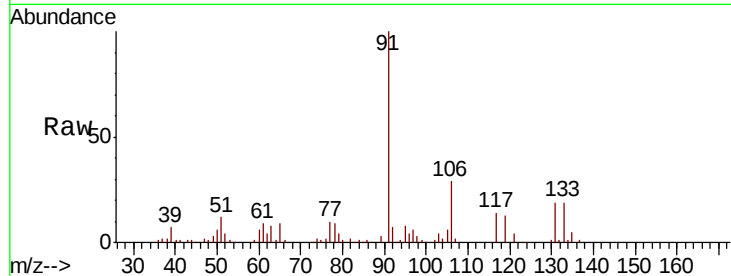




#67
Ethyl Benzene
Concen: 4.566 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

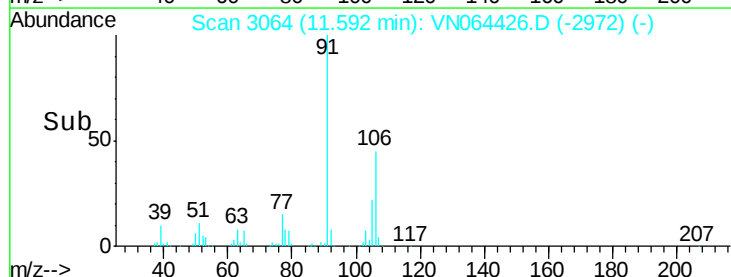
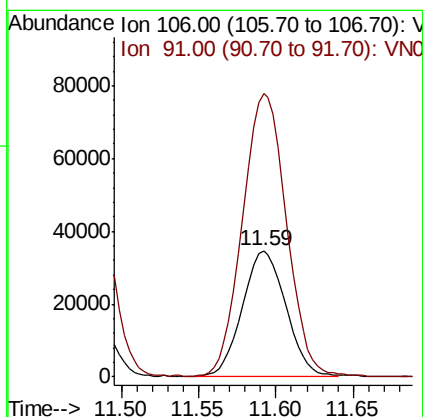
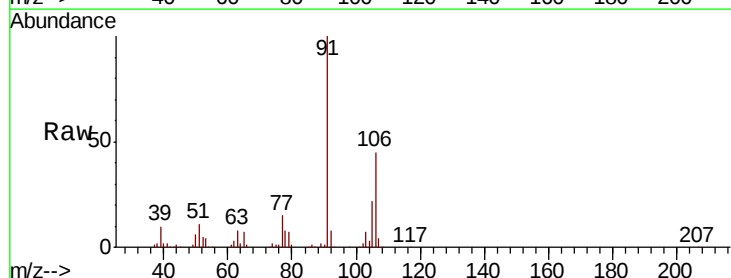
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

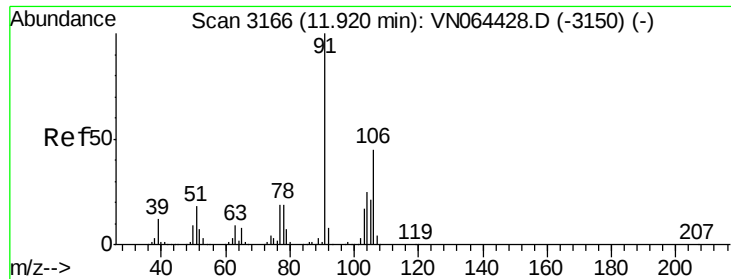
Tot Ion: 91 Resp: 98203
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4



#68
m/p-Xylenes
Concen: 8.558 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 106 Resp: 68099
Ion Ratio Lower Upper
106 100
91 226.9 169.4 254.2

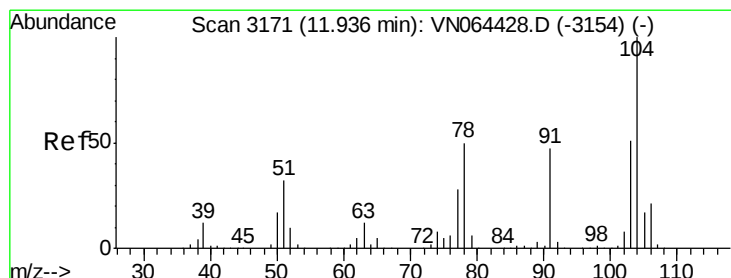
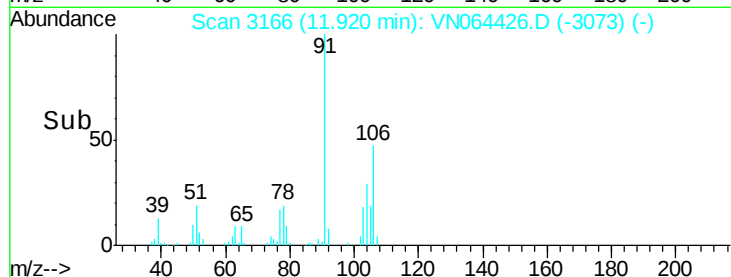
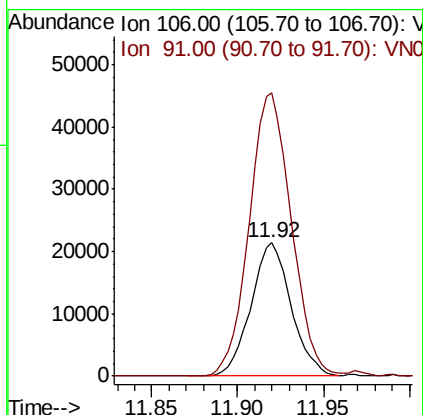
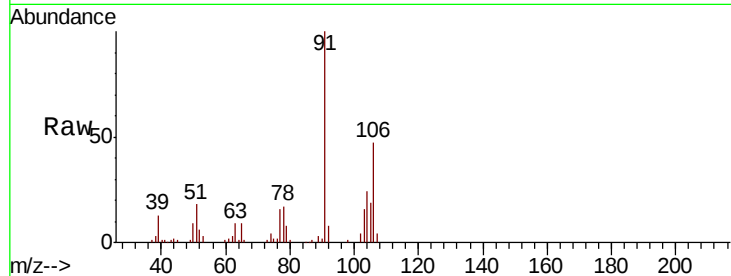




#69
o-Xylene
Concen: 4.531 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

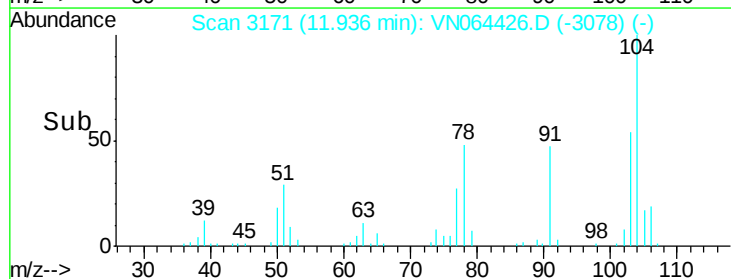
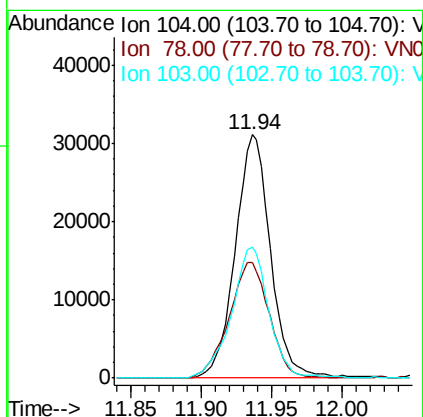
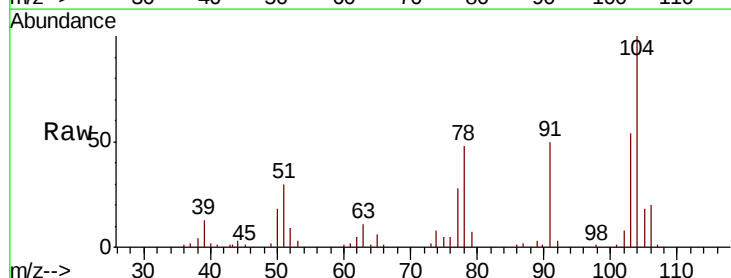
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

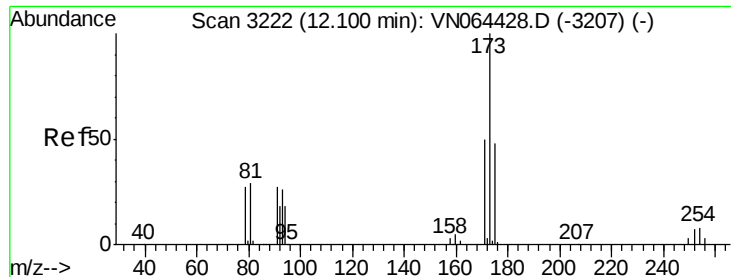
Tot Ion:106 Resp: 34773
Ion Ratio Lower Upper
106 100
91 221.9 111.7 334.9



#70
Styrene
Concen: 4.328 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:104 Resp: 54443
Ion Ratio Lower Upper
104 100
78 54.2 44.0 66.0
103 57.2 43.8 65.6





#71

Bromoform

Concen: 3.480 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

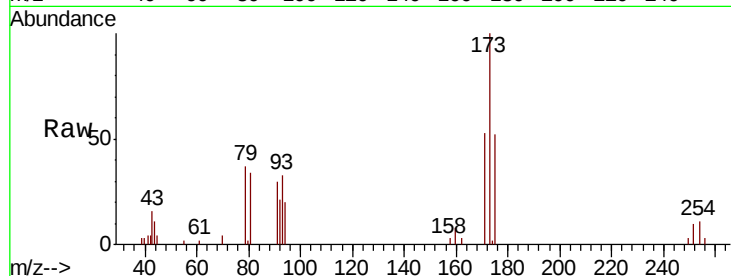
Tot Ion:173 Resp: 12392

Ion Ratio Lower Upper

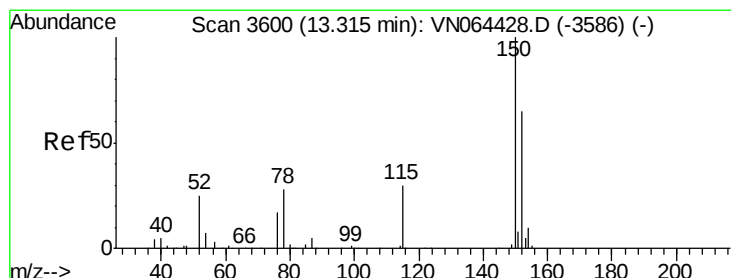
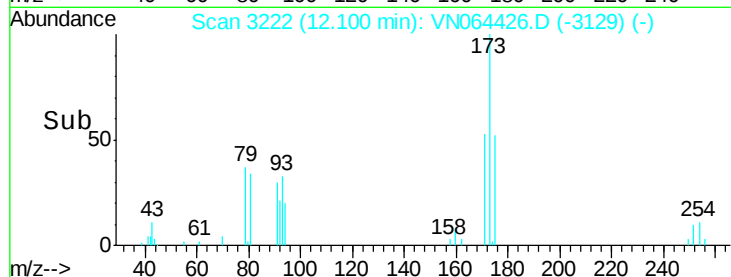
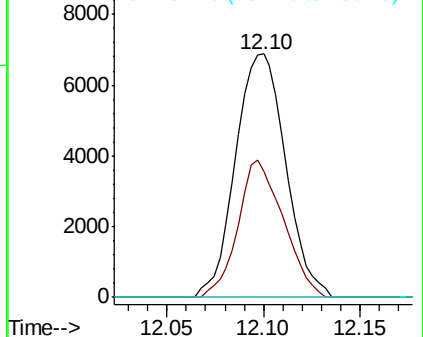
173 100

175 51.0 23.7 71.1

254 0.0 0.0 0.0



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: VN064426.D

Acq: 4 Nov 2020 10:12

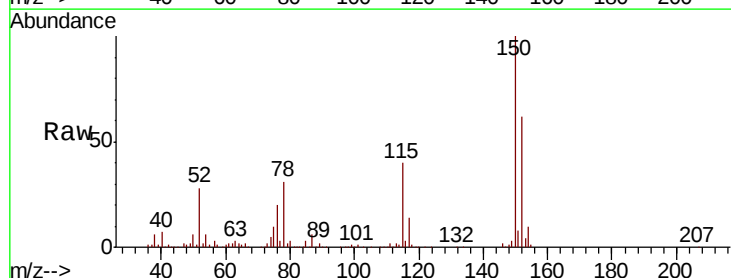
Tgt Ion:152 Resp: 222598

Ion Ratio Lower Upper

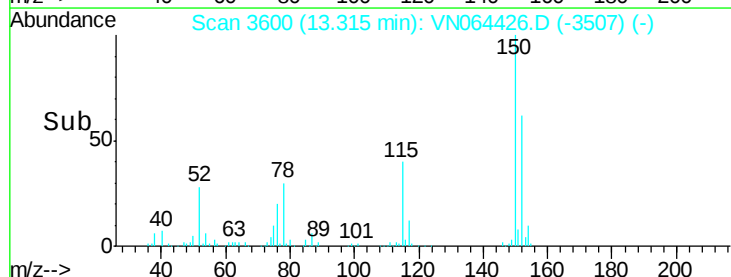
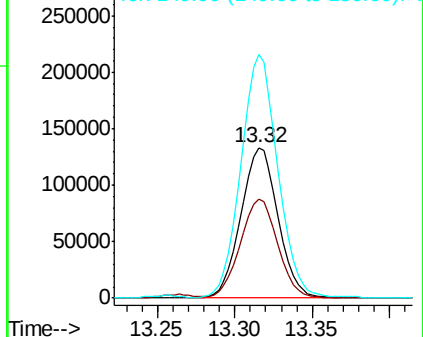
152 100

115 65.7 32.0 96.0

150 159.9 0.0 353.8



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: 5.159 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

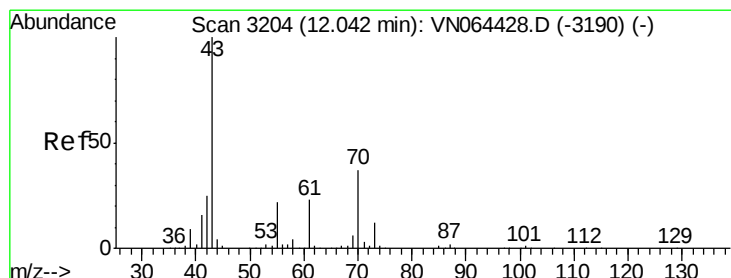
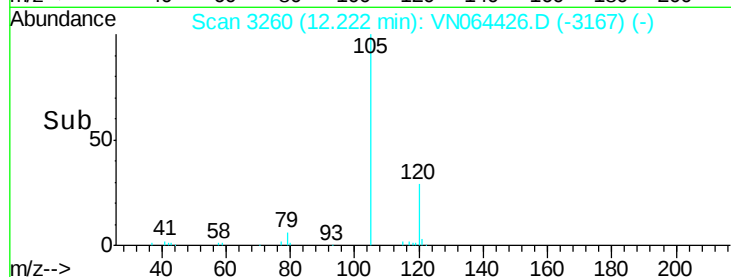
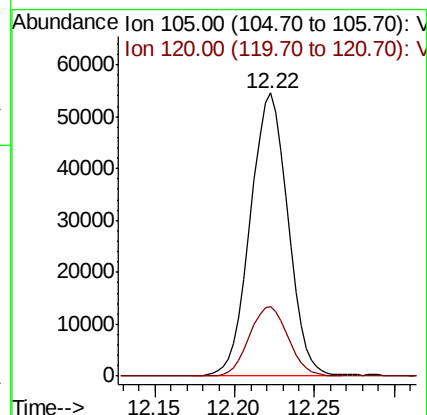
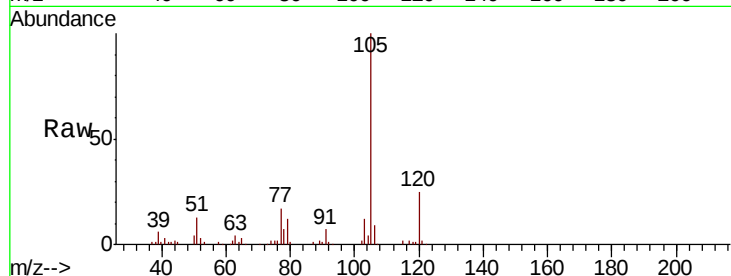
VSTDIC005

Tot Ion:105 Resp: 87888

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



#74

N-ethyl acetate

Concen: 4.469 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Tgt Ion: 43 Resp: 33426

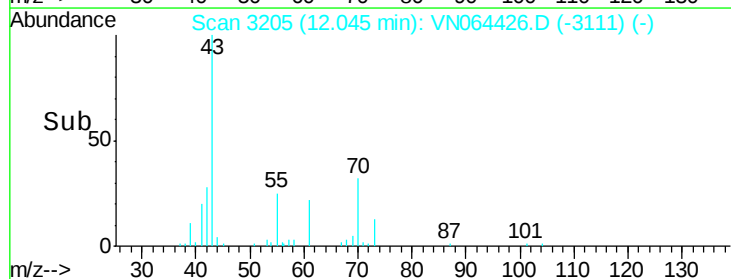
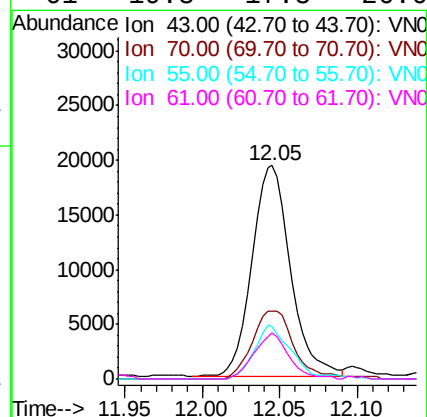
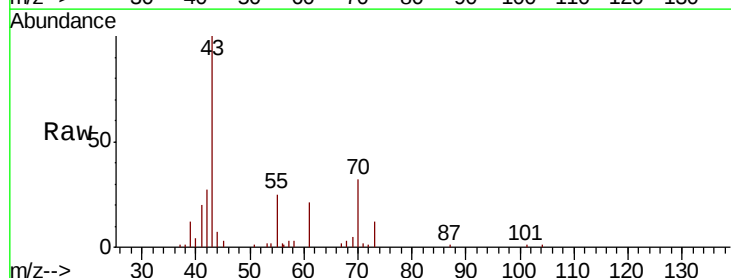
Ion Ratio Lower Upper

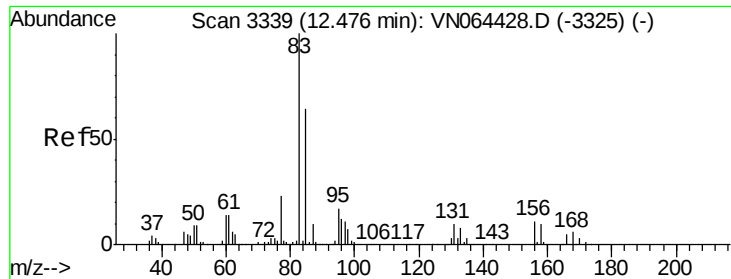
43 100

70 34.9 29.6 44.4

55 23.7 18.4 27.6

61 19.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.151 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

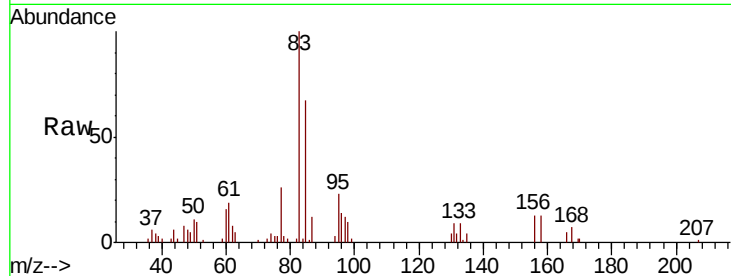
Tot Ion: 83 Resp: 25624

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 67.2 32.1 96.5



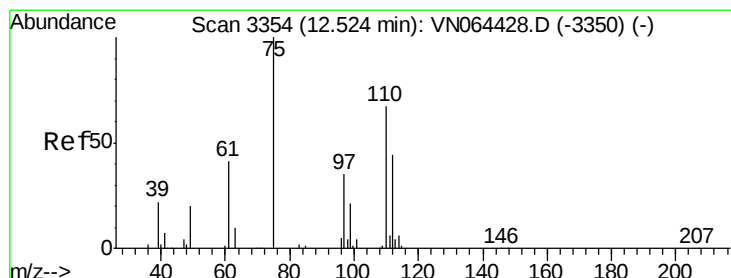
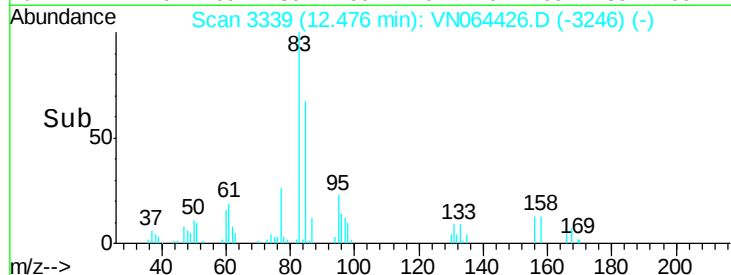
Abundance Ion 82.90 (82.60 to 83.60): VN064426.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064426.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064426.D (-3325) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 6.955 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064426.D

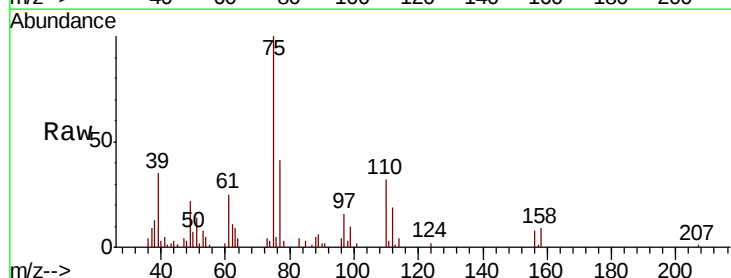
Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 37110

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

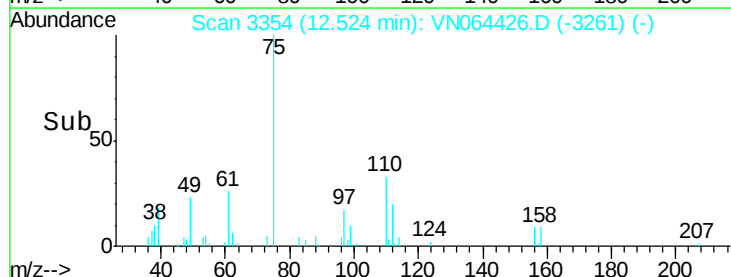


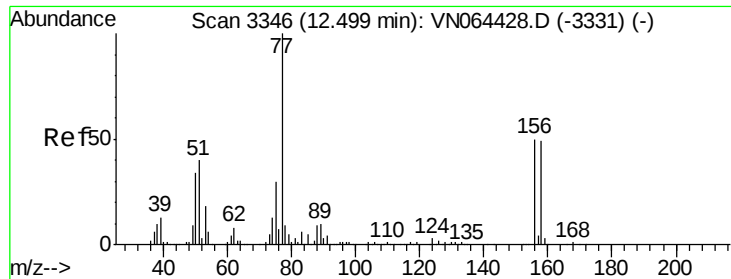
Abundance Ion 74.90 (74.60 to 75.60): VN064426.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064426.D (-3350) (-)

12.52

Time-->





#77

Bromobenzene

Concen: 5.192 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

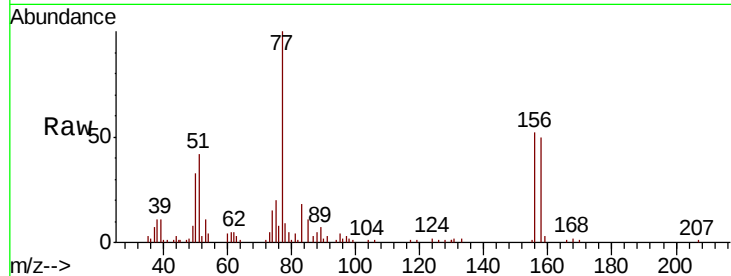
Tot Ion:156 Resp: 21469

Ion Ratio Lower Upper

156 100

77 231.7 119.0 357.0

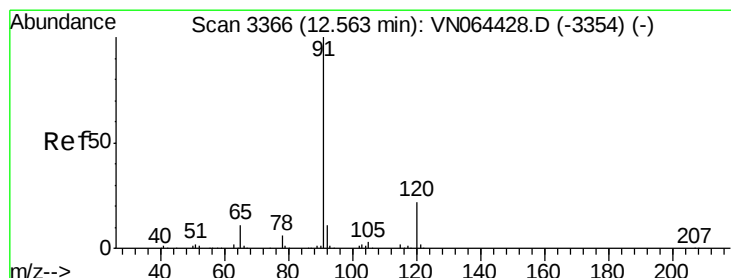
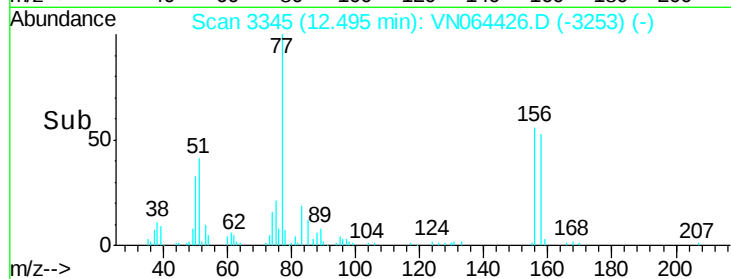
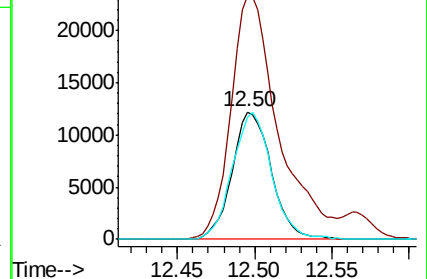
158 99.7 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.964 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064426.D

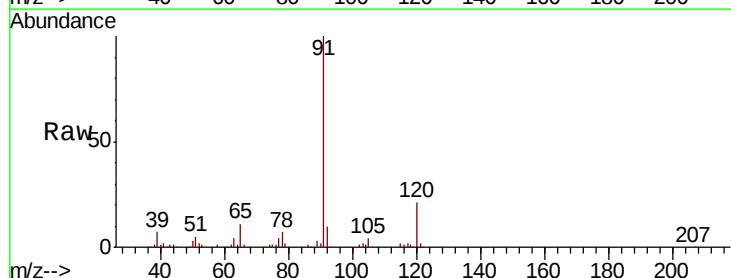
Acq: 4 Nov 2020 10:12

Tgt Ion: 91 Resp: 95717

Ion Ratio Lower Upper

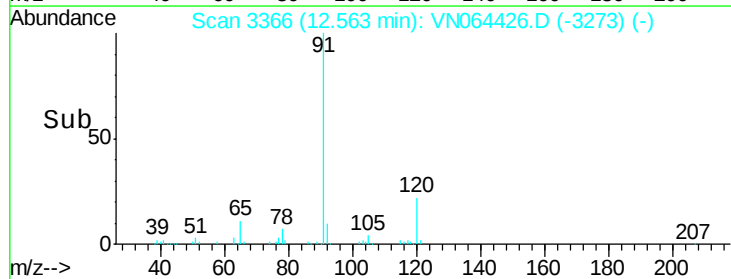
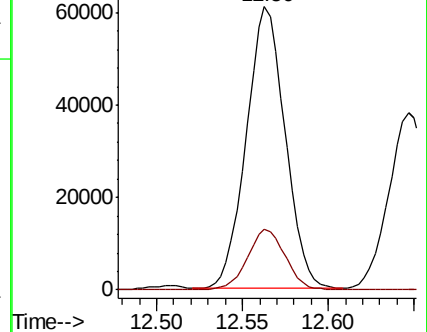
91 100

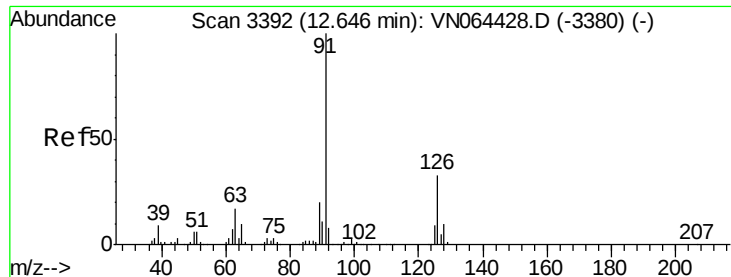
120 20.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

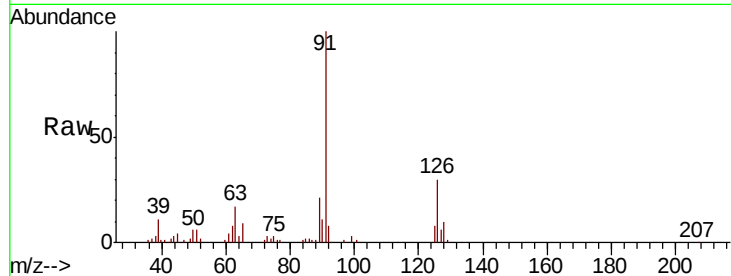




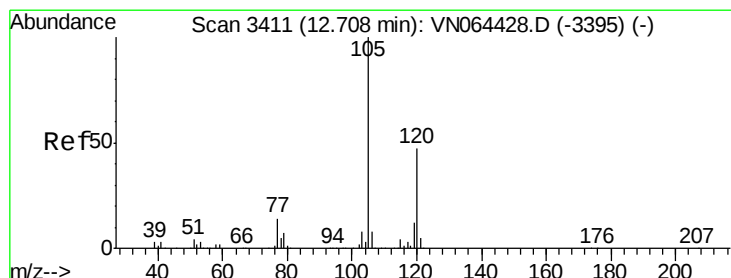
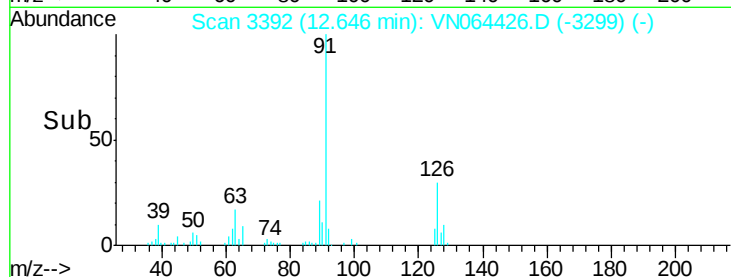
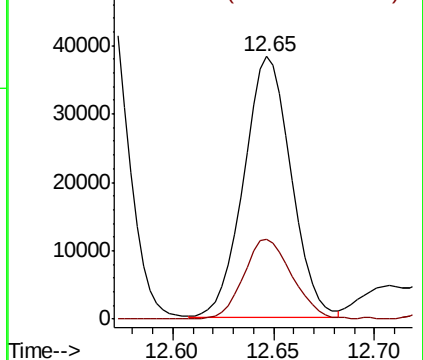
#79
 2-Chlorotoluene
 Concen: 5.119 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 62858
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.4 49.1

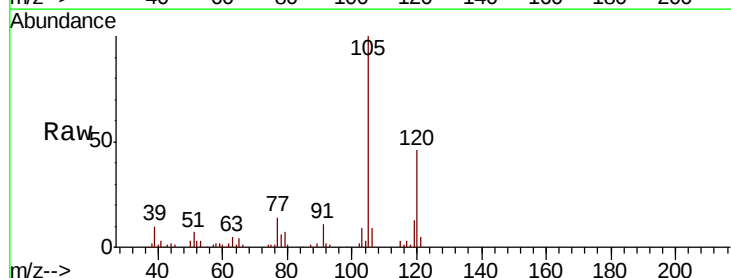


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)

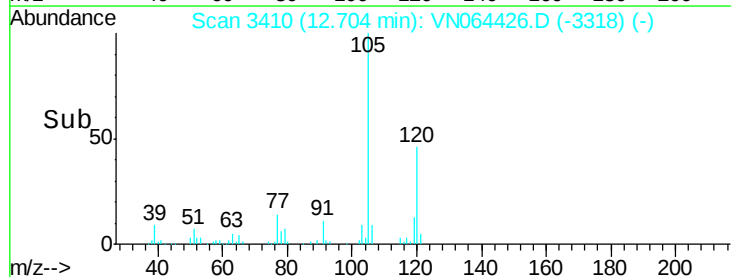
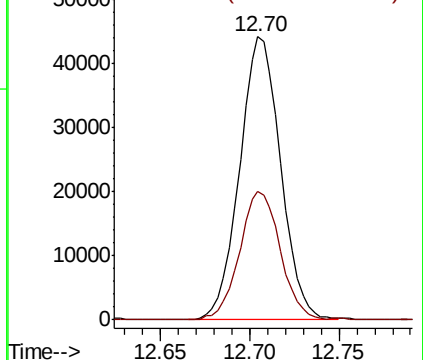


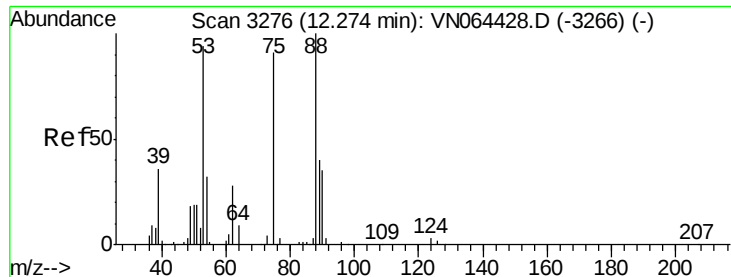
#80
 1,3,5-Trimethylbenzene
 Concen: 4.914 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 105 Resp: 70504
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)
 Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.379 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

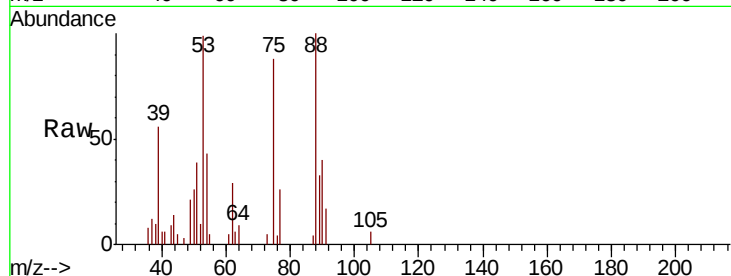
Tot Ion: 75 Resp: 8216

Ion Ratio Lower Upper

75 100

53 116.8 84.0 126.0

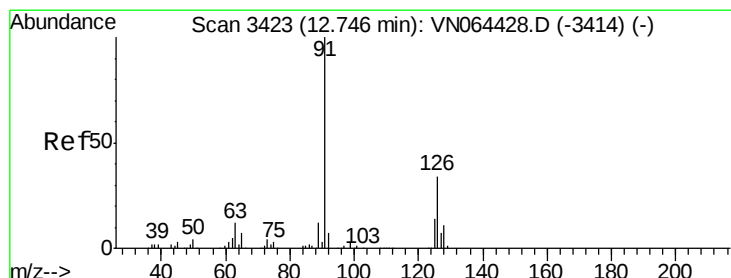
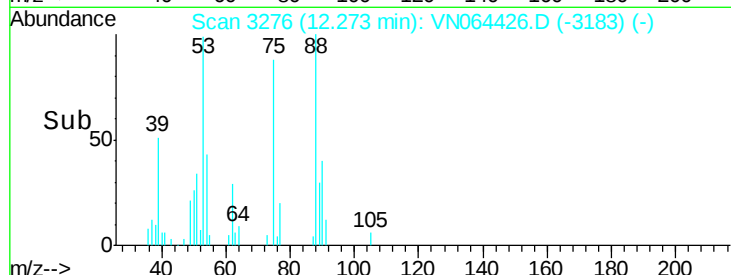
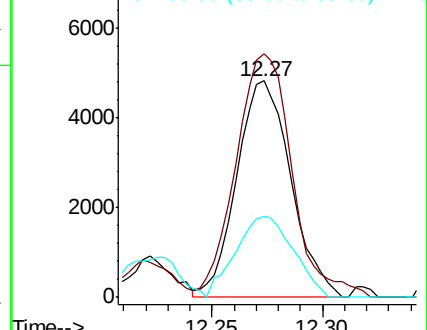
89 39.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.034 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064426.D

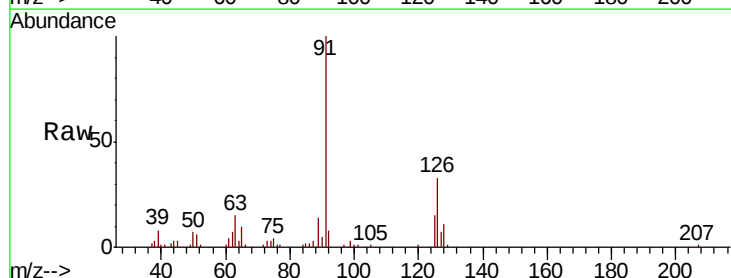
Acq: 4 Nov 2020 10:12

Tgt Ion: 91 Resp: 63368

Ion Ratio Lower Upper

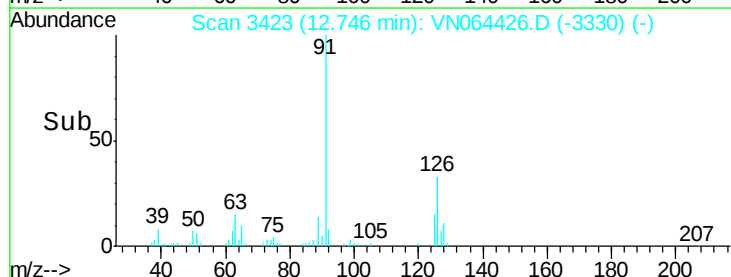
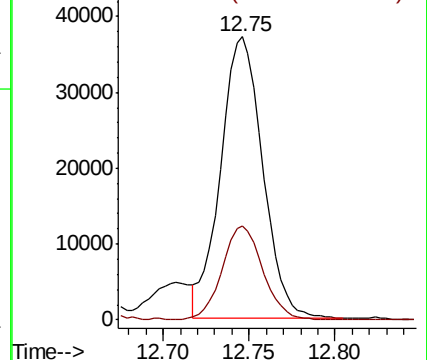
91 100

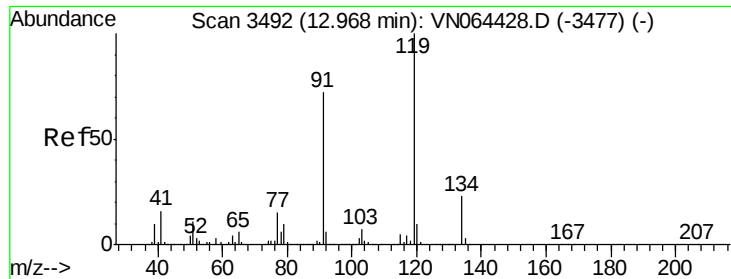
126 32.2 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

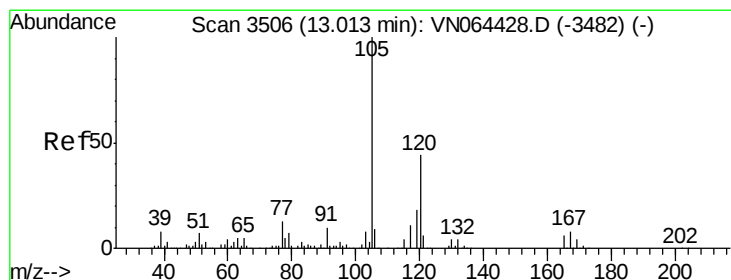
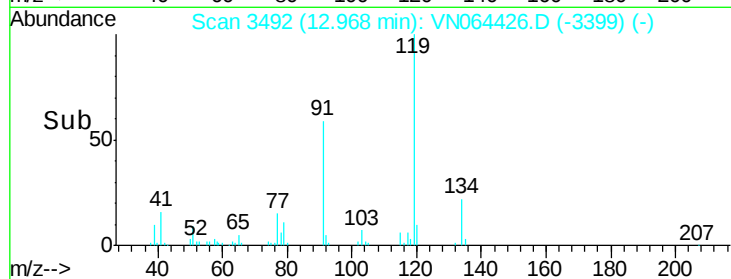
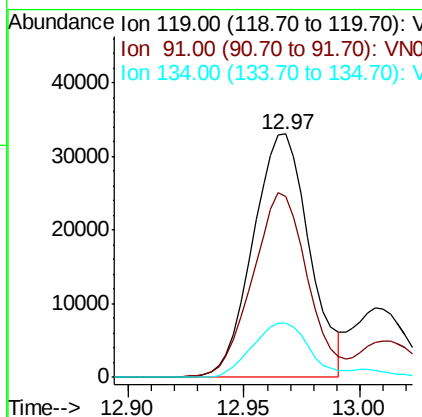
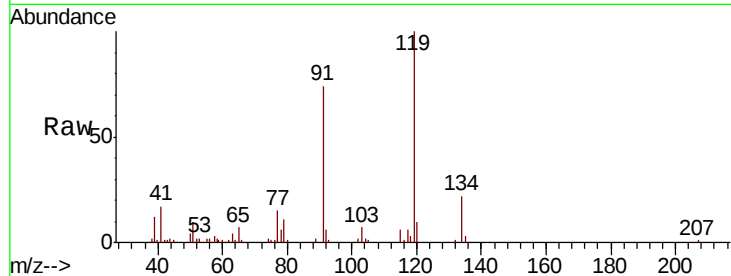




#83
tert-Butylbenzene
Concen: 4.799 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

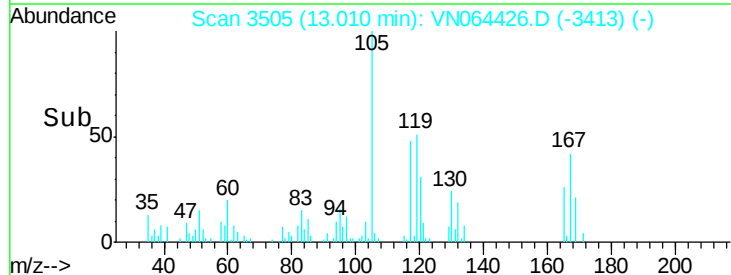
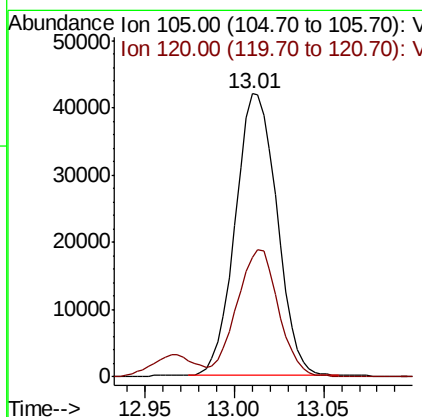
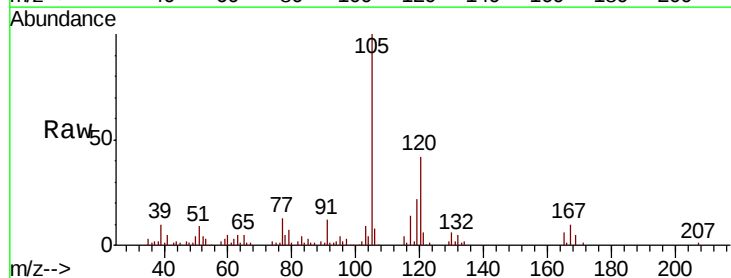
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

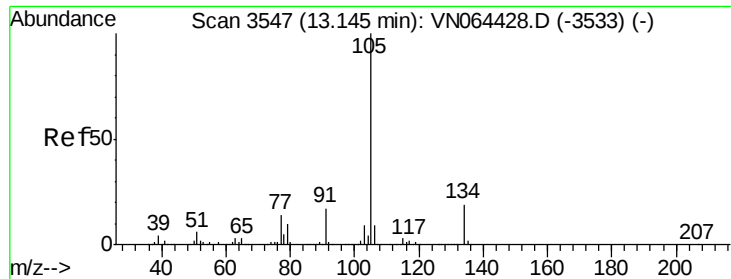
Tot Ion:119 Resp: 55971
Ion Ratio Lower Upper
119 100
91 74.4 36.1 108.3
134 22.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 4.739 ug/l
RT: 13.01 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:105 Resp: 68029
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.7





#85

sec-Butylbenzene

Concen: 4.646 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampled :

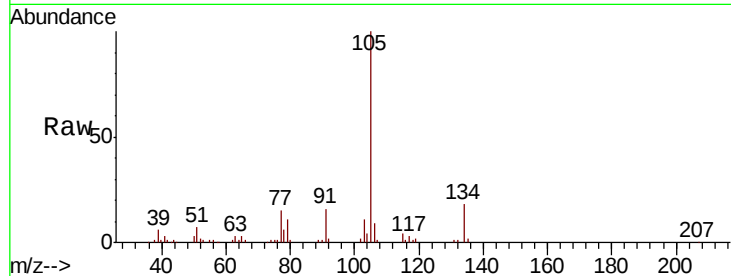
VSTDIC005

Tot Ion:105 Resp: 70353

Ion Ratio Lower Upper

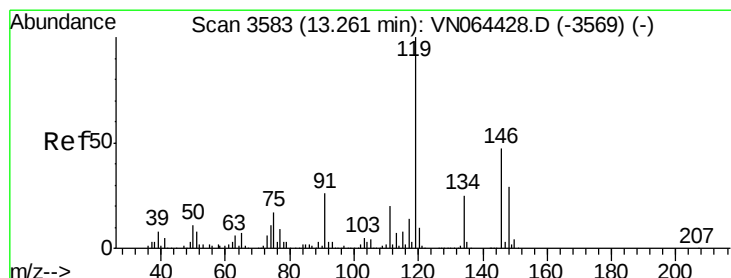
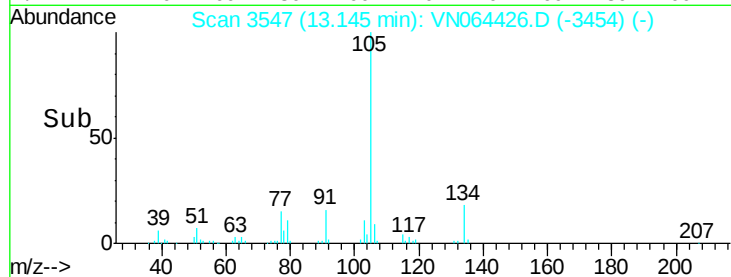
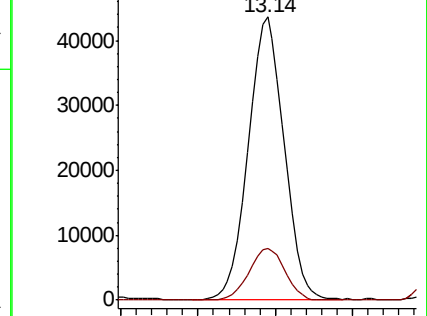
105 100

134 18.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.474 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

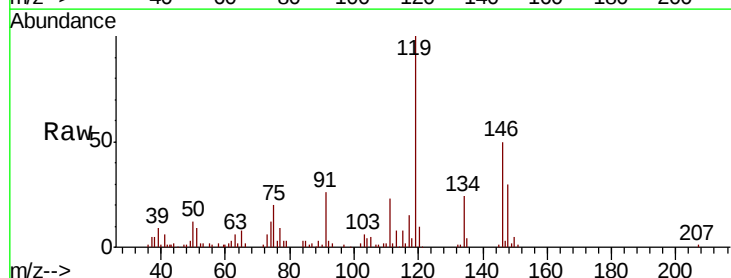
Tgt Ion:119 Resp: 60865

Ion Ratio Lower Upper

119 100

134 23.7 12.6 37.6

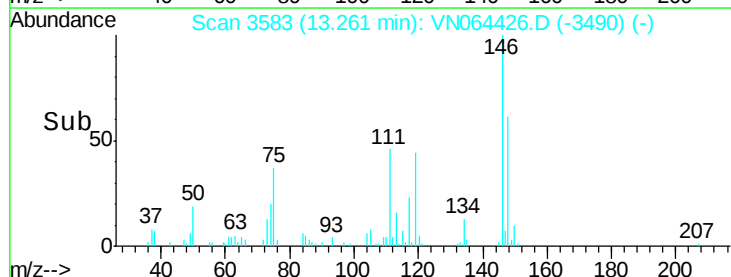
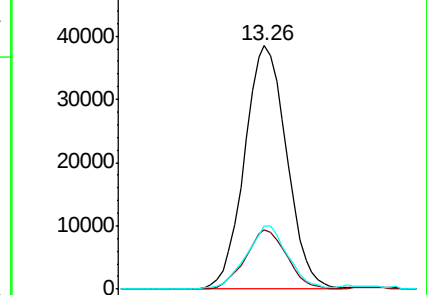
91 25.7 12.8 38.3

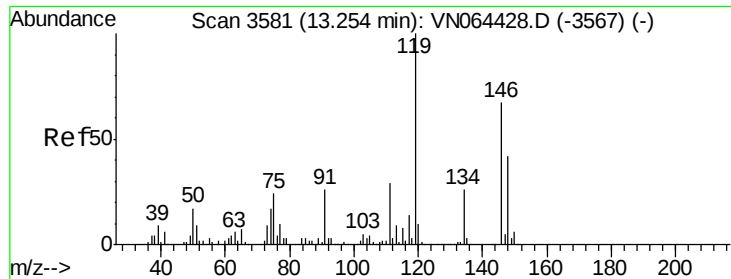


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.957 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

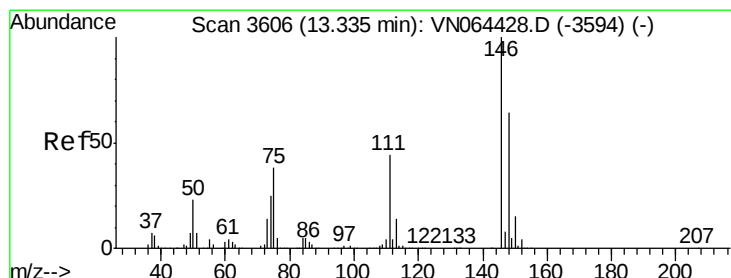
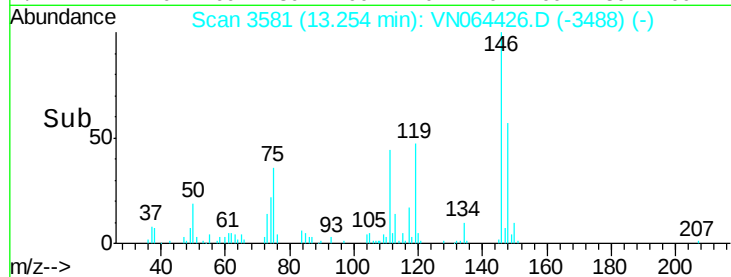
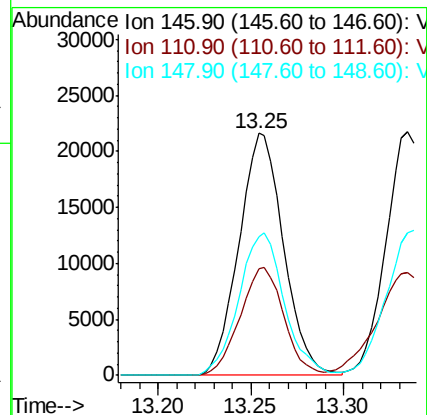
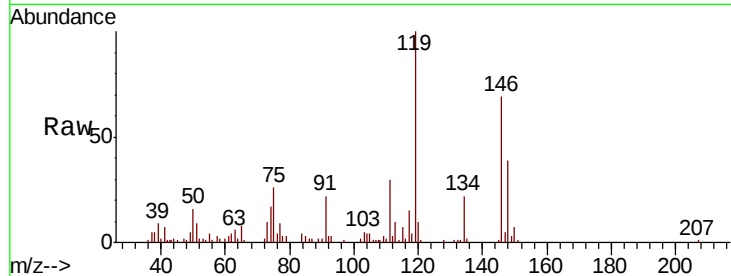
Tot Ion:146 Resp: 36023

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

148 59.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 5.003 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN064426.D

Acq: 4 Nov 2020 10:12

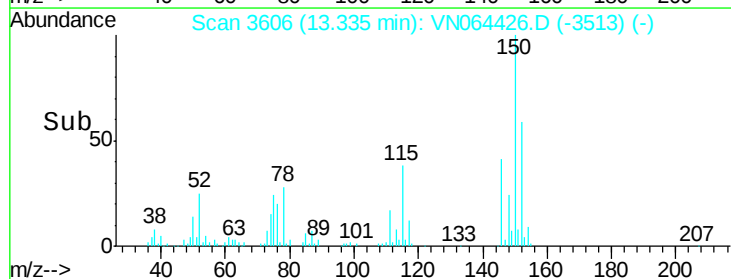
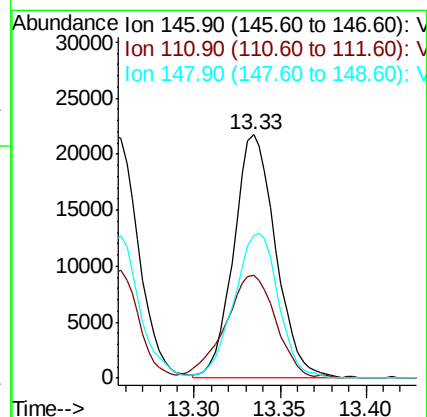
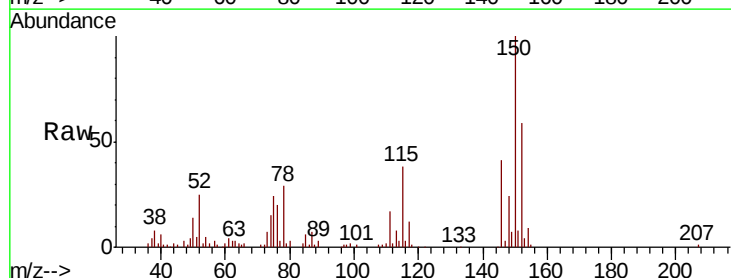
Tgt Ion:146 Resp: 37035

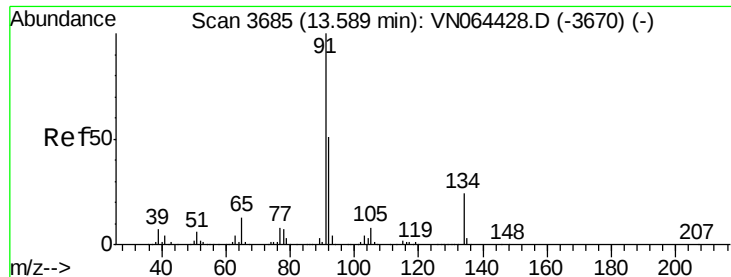
Ion Ratio Lower Upper

146 100

111 51.4 21.8 65.3

148 63.1 32.4 97.2

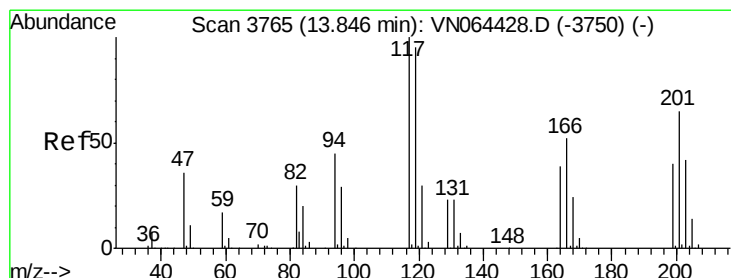
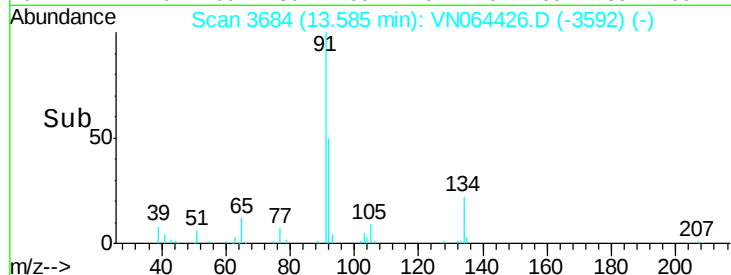
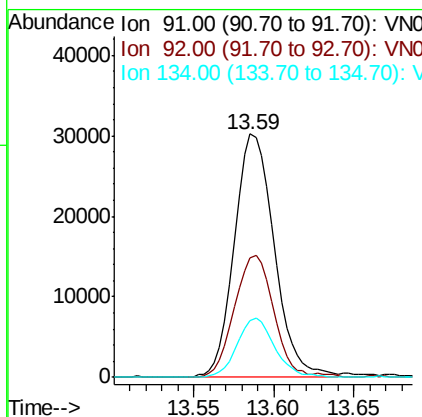
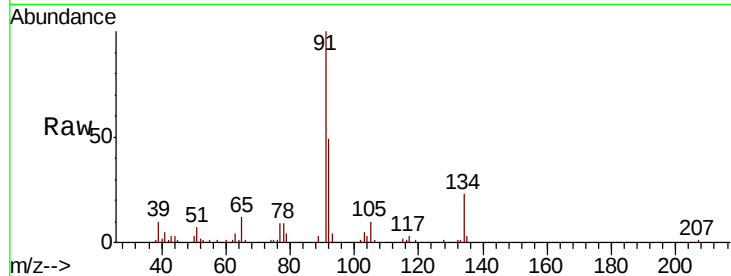




#89
n-Butylbenzene
Concen: 4.295 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

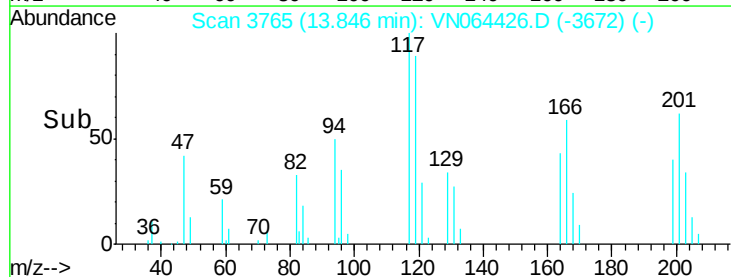
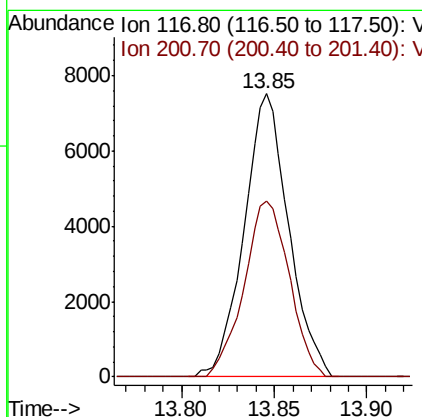
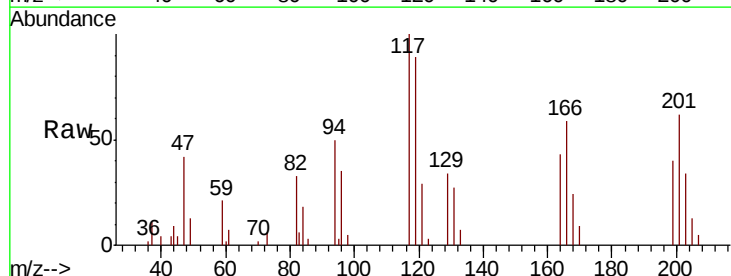
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

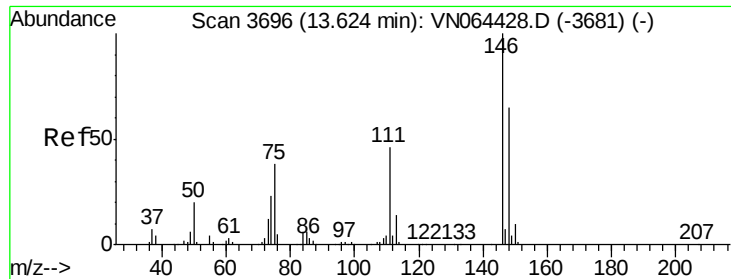
Tot Ion: 91 Resp: 51530
Ion Ratio Lower Upper
91 100
92 48.8 25.3 75.9
134 22.8 11.8 35.4



#90
Hexachloroethane
Concen: 4.939 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion: 117 Resp: 12542
Ion Ratio Lower Upper
117 100
201 62.9 32.5 97.5

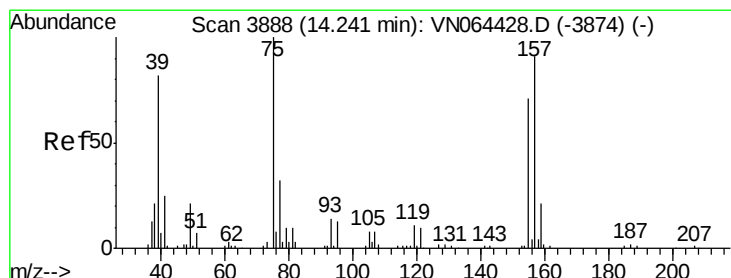
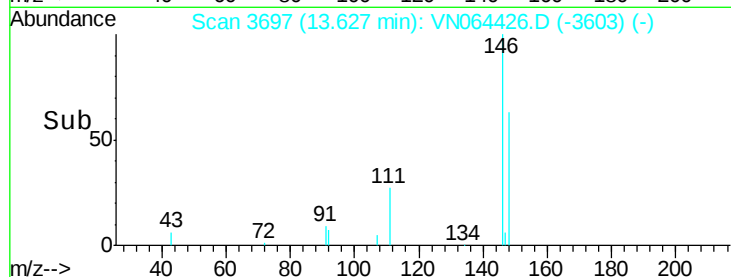
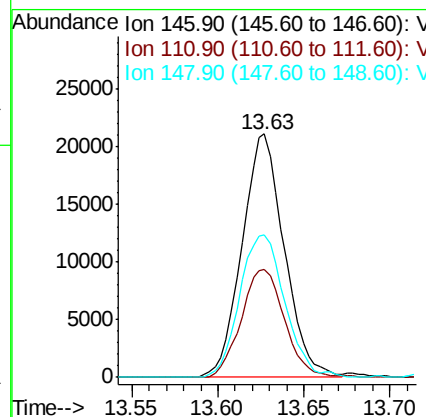
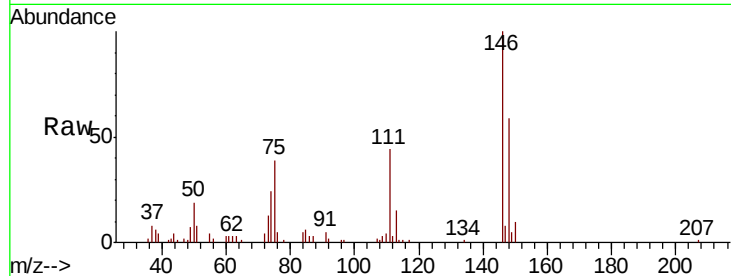




#91
 1,2-Dichlorobenzene
 Concen: 4.974 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

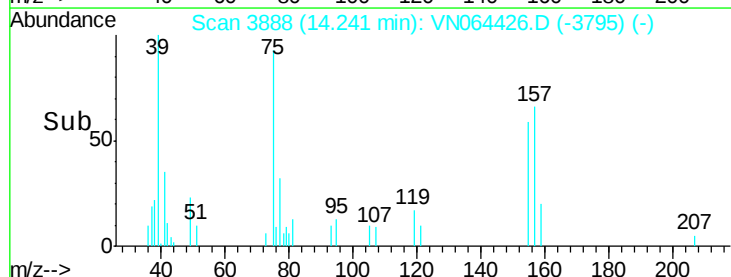
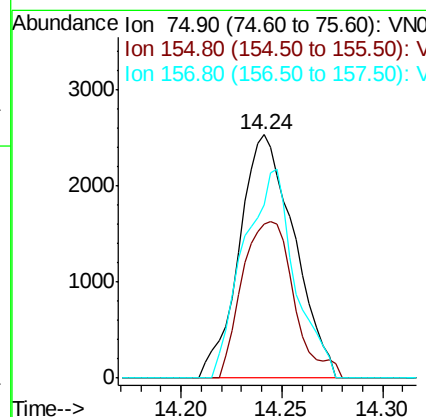
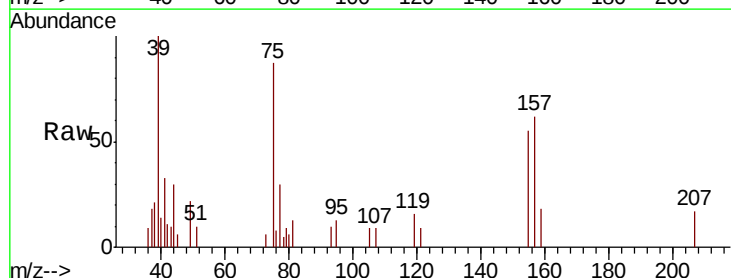
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

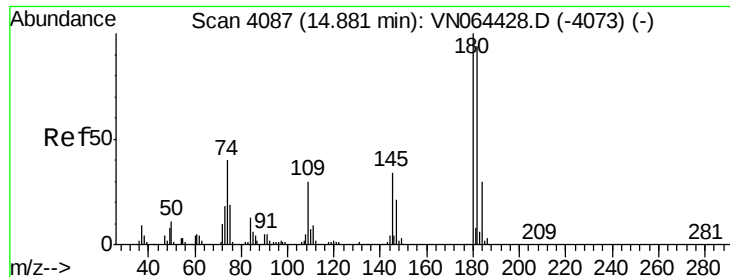
Tot Ion:146 Resp: 35951
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.9 68.7
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.035 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion: 75 Resp: 4809
 Ion Ratio Lower Upper
 75 100
 155 60.9 34.6 103.9
 157 80.1 43.0 128.8

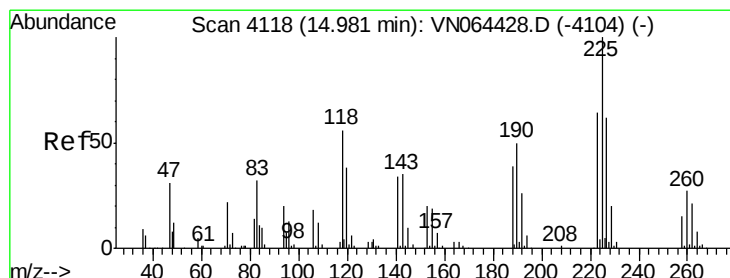
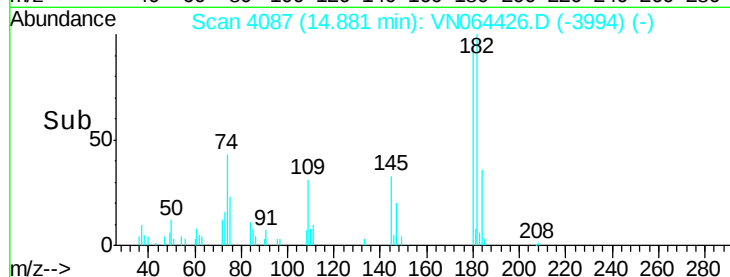
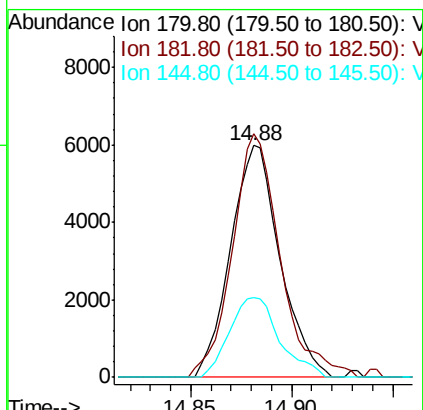
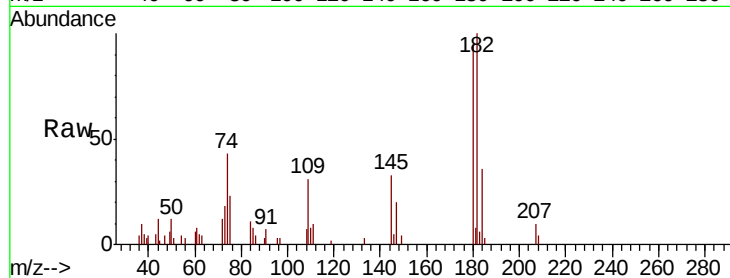




#93
 1,2,4-Trichlorobenzene
 Concen: 2.954 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

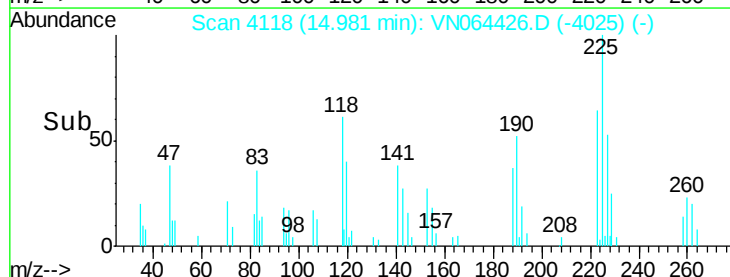
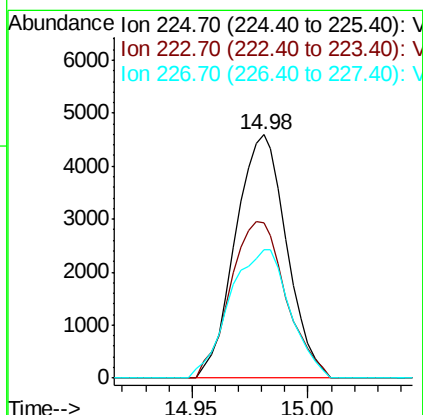
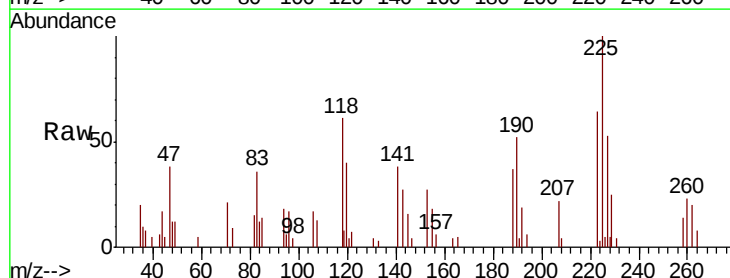
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

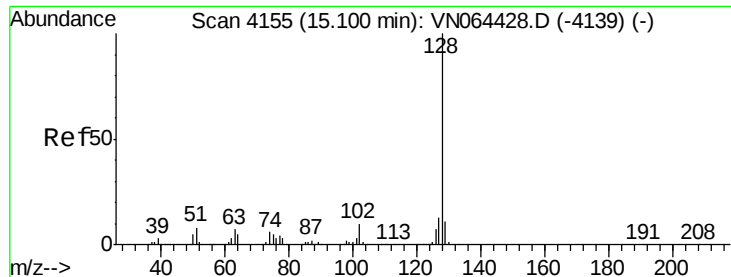
Tot Ion:180 Resp: 10263
 Ion Ratio Lower Upper
 180 100
 182 102.0 47.3 142.0
 145 35.0 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 3.350 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064426.D
 Acq: 4 Nov 2020 10:12

Tgt Ion:225 Resp: 7028
 Ion Ratio Lower Upper
 225 100
 223 69.9 31.8 95.4
 227 62.0 31.8 95.4

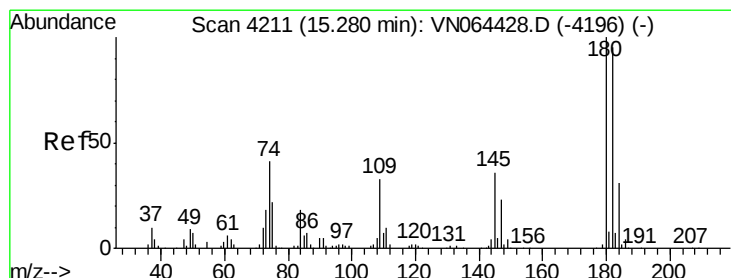
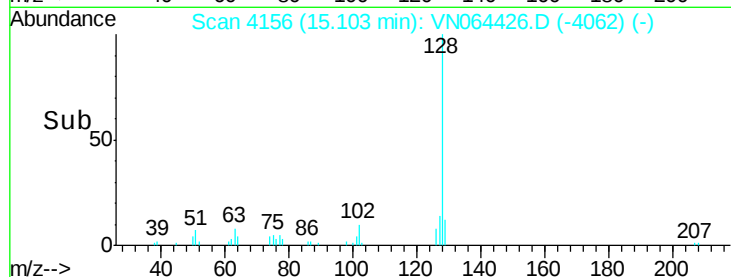
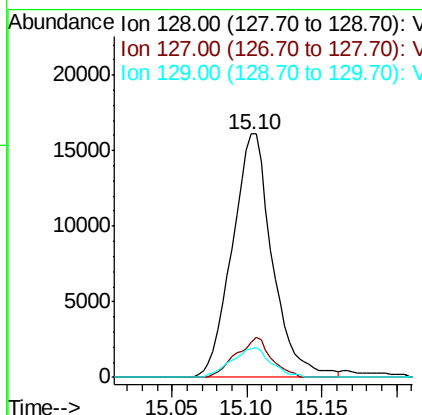
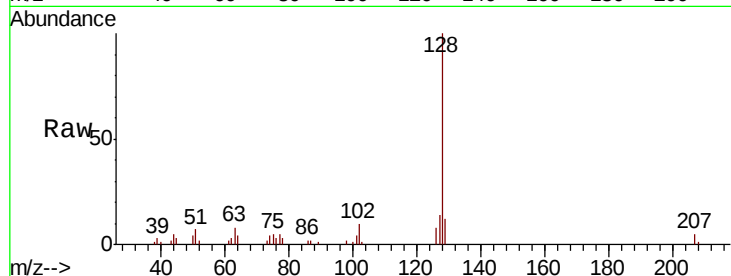




#95
Naphthalene
Concen: 2.772 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 30170
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.340 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064426.D
Acq: 4 Nov 2020 10:12

Tgt Ion:180 Resp: 11206
Ion Ratio Lower Upper
180 100
182 91.0 47.7 143.1
145 34.5 18.3 54.8

